



The High Desert Dispatch



The WEEKLY PERIODICAL
FOR THE

HIGH DESERT AMATEUR RADIO CLUB OF NEW MEXICO INC.

"Celebrating over 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,

We had a productive June 2025 General Membership meeting. We made a decision on how we are going to support the 2025 DCHF. The membership decided that the club will reserve \$500.00 to purchase entrance fees to the hamfest for members. The details will be worked out over the next 2 weeks and an email will be sent to the membership outlining how we disburse the money to purchase entrance fees. The registration fee is @20.00 per person. We will be covering 25 entrance fees. The 2025 DCHF is looking for presenters. If you feel you have a point of view on a ham related topic and wish to present a 60/90 minute presentation submit your request by clicking on this link

<https://www.dukecityhamfest.org/forums/>

John Dodd KJ5KUF made a proposal to the membership that would arrange for Dr. Edwin Fong Professor and PhD of Electrical Engineering at the University of California Santa Cruz to present via zoom to the club about his antenna designs and John offered to buy 10 of Dr. Fong's VHF/UHF kits for the club to assemble and members own. More information will be published in the next publication of the Dispatch. I will be contacting Dr. Fong.

Another big 73 to John KJ5KUF for volunteering to be net control for a session of our Saturday Statewide Chat Shack Net; V.P. John K5JVG will work with John KJ5KUF to arrange this.

The VE held a testing session that resulted in 1 new tech and 2 upgrades. We also informed the membership of a repeater project that the club has been working on for about 2 years. The repeater would be located on Sandia Crest. Details on usage, access, and ownership responsibilities are still being worked out. This project has gone through many iterations over the past years. It started as a tribute repeater to a teenaged SK and now has broadened its scope and the players involved. This project started when David N6SIK was president and notified of the possibility. It carried over to me when I became president and is

now in the hands of Rob KI5NBN to bring it home. Rob heads our repeater committee. Once I have more finalized details I will bring that information to the club.



I attended the HDARC East Mountain group luncheon last thursday. They had about 20 in attendance. A presentation was made on how they were hunting down RFI radiating for utility poles in their area using

equipment they made. A big 73 to that group.

This coming Saturday is our HDARC ARRL Annual Field Day event. We will be located at Haynes Park in Rio Rancho from 0900 to 1600 hours weather permitting. V.P. John K5JVG is in need of club members to help out with Field Day. More info. within.

Quartermaster Rob KI5NBN and I have set a new date of Sunday **August 24, 2025** for the Club Tailgate and Social (BBQ) in the ABQ area. Location and times TDB.

We will be needing a volunteer to assume the duties of supplying coffee and donuts for our monthly membership meetings on the 3rd Saturday of every month. The club purchases all the items. Cynthia Beiser, KJ5FMW has been in charge of these duties for over a year. She has done a wonderful job. Thank you Cynthia. The new volunteer would assume the duties for the July 2025 meeting. If you are interested please contact me.

Don Shoemaker, N9DCS has picked up a SK donation on behalf of the club:

- Radio Shack 10 Meter Transceiver
- ER Model PS 104 Power Supply

- MFJ Pocket Morse Code Tutor
- Kenwood HF Transceiver TS-570D
- Samlex Regulated DC Power Supply

We will add these items to our club inventory. A big 73 to Don for facilitating this.

Here are some important updates for this week:

There will be our statewide Saturday Chat Shack Net this Saturday. Treasurer Mike NM5MC will be the netcontroller operating for the ADXA field day location.

Rob KI5NBN and I have picked up a donated 12 dB Stationmaster antenna (the 20-foot-long fiberglass model) from Mike K5MGR. If you are interested and need more information email me.

Our nightly sessions on the HDARC repeater at 1930 hours has been coined "HDARC 2 Night". Come join the conversation. A big 73 to Quartermaster Rob for being on the repeater and providing a sense of order. More info. inside

During the July general membership meeting Quartermaster Rob KI5NBN will be conducting a Portable LIPO 4 Portable Battery Pack Build Workshop. More info within. More info. within.

Join HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone. Laid back get together for chatting, telling jokes/riddles/puns and generally having fun. Each week is a new Net Controller so that volunteers can practice their skills as Net Control in a relaxed and supportive environment.

I hope to see you at Field Day, on the Saturday Chat Shack Net, and nightly on HDARC 2 Night.

73 Mike KI5NBP



THE SOUNDER SECTION

"To join together by pressure, fuse together for strength"

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>



Welcome New Members

Mark Tibbett - KJ5ITL

Roger W. McDonald - KI5EFL

THE COUNTERPOISE SECTION

“To have an opposing and balancing effect ”

From the Elmer

Participating in Nets

If you're new to amateur radio, you may notice that there are a plethora of nets. A net is nothing more than a scheduled ham activity on a given frequency (or a series of linked frequencies) in which a Net Control Station asks for check-ins, instructs participating stations how and where to exchange messages (traffic) to each other.

There are all sorts of nets in ham radio. There are emergency preparedness nets, rag chew nets, and traffic nets. There are nets like the Geratol net (for Extra class hams), DX nets, 10 meter nets, local nets, and ARES nets. Nets meet on every band, and every mode. There are formal nets and informal nets.

If you are newly licensed, and not too sure how to start your amateur radio journey, checking into a net is a great way to get your feet wet.

Here are a few suggestions to make sure your first check-in is successful:

- 1.) Listen to the net a few times before you check- in. This will give you a feel for how the net is conducted.
- 2.) Always, Always, ALWAYS listen to the instructions of the net control station. The net control station is the ham who can, and will, make sense of chaos. But only if other stations don't "help".
- 3.) Before you key your mic, practice saying your call using phonetics. Even during the best of circumstances, if the net control station isn't familiar with your call, saying, "This is November Sierra Seven X-ray," is a whole lot easier to copy than, "NS7X."
- 4.) If you ever need to break into a net with emergency traffic, always repeat your

request three times. If you say “break”, that means the net control station will get around to recognizing you. If you say, “break break break” that means you have an immediate emergency which threatens life or limb.

5.) Have fun! After all, you’re about to make a whole lot of friends you never knew you had!

73 MaryAnn NS7X

THE CHAT SHACK SHEET SECTION

“Reaching out to each other through the art of verbal dialogue”



Saturday CHAT SHACK NET/MegaLink

Saturday 10 A.M. STATEWIDE 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 Gleason, K5JVG

2nd Saturday, Mike Smith KI5NBP

3rd Saturday, Club Meeting. No net

4th Saturday, Mike Chirin, NM5MC

5th Saturday, Open for a volunteer.

There next net is Saturday June 28, 2025 Your net controller is Treasurer Mike C, NM5MC. 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. 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.P. John K5JVG is the Committee Lead for HDARC Net's.

Please consider trying the Net Controller experience. Contact John K5JVG if you are interested. You will be mentored and try it once to see if you like it. No commitments.

HDARC 2 Night



We now have a name for the nightly conversations on our repeater "HDARC 2 Night". On any night at 7:30 PM Local time tune *into 442.750+ PL 162.2 on Sandia Crest, the HDARC repeater and call in with your call sign and see if you can strike up a conversation. Even though this is not a NET we need a sense of decorum. Please follow these procedures:*

- Do not short key each other
- If you are involved in a QSO, *every 5 minutes or so during the QSO check to see if anyone else would like to join the conversation.*
- Don't forget to announce your callsign at least every 10 minutes when engaged in a conversion.

There are great exchanges happening, come join the conversations and camaraderie.

BRAVO SIERRA NET

Join HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone. Laid back get together for chatting, telling jokes/riddles/puns and generally having fun. Each

THE REPEATER SECTION

“Receive and retransmit a communication signal”

HDARC ARRL 2025 Field Day Event

Saturday June 28, 2025

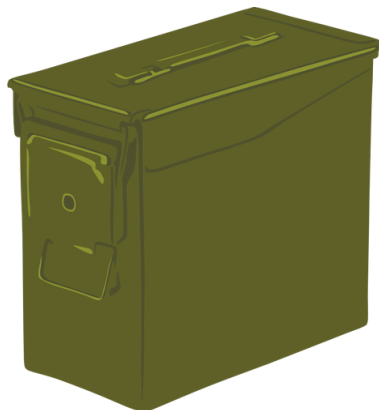
Haynes Park, Rio Rancho NM



HDARC V.P. John K5JVG is spearheading the HDARC ARRL 2025 Field Day Event. Our event will take place from 0800 to 1700 local on June 28, 2025. The event location is Haynes Park in southeastern Rio Rancho NM (Due west of Intel). We have the grassy athletic field area located north of the tennis courts. We will be setting up under a small pavilion. Paved parking is provided at the West end of the Park. He is in need of volunteers for the day of the event. If you can help please email John at k5jvg@yahoo.com to volunteer for this event. Breakfast and lunch is being provided. The following call signs have volunteered to date:

K5JVG KI5NBP KI5NBN WA5YUL KI5YIF KJ5KUF

AMMO CAN LIPO 4 Portable Battery Pack Build Workshop



The club will be holding a LIPO4 Portable Battery Pack Build Workshop led by HDARC Quartermaster Rob KI5NBN during the July 19, 2025 General Membership Meeting. A lot of you have seen his Ammo Can LIPO pack builds. Now here is the chance to build your own. Any licensed HAM can be a part of the workshop. If you want to build the Ammo Can LIPO4

Portable Battery Pack during the workshop you will have to arrive with all the parts purchased in advance of the workshop.

The following callsigns have signed up for the build:

KI5NBP KJ5KUF K4VGG N9DCS KJ5ITL NS7X
K5JVG

If your call son does not appear above and you wish to build pelase contact me at hdarcpres@gmail.com

Rob KI5NBN has assembled this parts list and suppliers. Here is the updated parts list provided through Rob KI5NBN by Mark KJ5ITL who has been purchasing the supplies needed his build (73 Mark) :

New Source for Batteries: Ebay:

<https://www.ebay.com/itm/234917121323?chn=ps&norover=1&itemid=234917121323&targetid=4580496739019530&device=c&mkttype=&googleloc=&poi=&campaignid=603247656&mkgroupid=1230354555785701&rlsataarget=pla-4580496739019530&abclid=9316139&merchantid=51291>

LIPO4 batteries X 8 \$70.00 .

Batteryhookup.com

1. 1x2 Headway cell holders	x16 \$12.00
2. Bolts for bus bars	x16 \$ 4.00
3. Copper bus bars, 100 amp rated	x14 \$13.86
4. Wire and lugs s needed	\$10.00
5. The battery 30 amp Battery Management System MS. is needed for battery protection and proper charging.	\$10.00

Total \$113.78

You will also need these items from other sources:

- 60 amp connectors rather than Anderton Power poles.
- A fuse block with two 30 Amp fuses (DC volts, not AC)
- A plastic .30 ammo can.(Harbor Freight)
- Cable needed to go from BMS to charger is about 5 bucks. The charger will monitor each cell.

A similar set-up for the same power rating is over 350 bucks! 64 Amp hour continuous. This battery pack will run a ICOM 707 with 22 amp draw at TX for over 16 hours, perhaps longer.

Mark Tibbett KJ5ITL has sourced most of the parts for the build and provided this information to share:

Headway 38120S LiFePo4 Battery Cells 8 Pack 3.2V 10Ah (1 set of 8)
\$70.00:

Headway 38120S LiFePo4 Battery Cells from eBay

<<https://www.ebay.com/itm/234917121323?chn=ps&norover=1&itemid=234917121323&targetid=4580496739019530&device=c&mkttype=&googleloc=&poi=&campaignid=603247656&mkgroupid=1230354555785701&rlsarget=pla-4580496739019530&abclid=9316139&merchantid=51291>>

Li-ion/Lifepo4 4s 30a BMS With Balance, for battery protection and proper charging. \$16.00

4 Cell BMS from BatteryHookup.com

<<https://batteryhookup.com/products/li-ion-lifepo4-3s-20s-30a-bms-with-balance>>

1x2 Headway 38120 Double Cell Holders Spacers x8 \$12.00:

Cell Holders from BatteryHookup.com

<<https://batteryhookup.com/products/1x2-headway-38120-single-cell-holder-s-spacers?variant=39502739931298>>

Copper bus bars, 100 amp rated x14 \$13.86:

Bus Bars from BatteryHookup.com

<<https://batteryhookup.com/collections/accessories/products/4x-busbars-8x-m4x0-7-bolts-90ah-100ah-105ah-lifepo4>>

Bolts and washers for bus bars x16 \$4.00:

Bolts for Headway 38120 Cells - M6-1.0 x 8mm

Bus bars Bolts from BatteryHookup.com

<<https://batteryhookup.com/products/bolts-for-headway-38120-cells-m6-1-0-x-8mm?variant=43212217057442>>

Flat Washer x16

Flat washers from Amazon

[<https://www.amazon.com/Washer-0-24x0-7in-Stainless-Washers-Silver/dp/B0F66LMTHR/ref=sr_1_1_sspa?content-id=amzn1.sym.918a99dd-4826-4c0a-be33-a6705d69c4cf%3Aamzn1.sym.918a99dd-4826-4c0a-be33-a6705d69c4cf&crid=2M7TC0DSEVOYT&dib=eyJ2IjoiMSJ9.REq9R_E0SpkZJhPxmLoE02_IqP5eytmnYZ6xpEQRgj5Qsf78PMdhc1YoK_FIL77jMsiV-ceNIzy7bDVxtSO4HfVUVt88M3M48XfEProDDf634Jk_XK5Q7hUi39YFMwoEhTv9-HIIYgcwzPEYLbQSepjXneOMu1OnzQvFWEmltsk2ZMG0Wy_5LQI7TlvhmlXp-lm5miu5_RwKAq0dwVzJ3zLs9biK2bDSqulmp8gATWKBpgehkBb5dbkXuY7uhNZ6PfiomsBSha3o8ewEzjkuxBs8r1vq8Bbnqp8LBbBKMmE.5C-leuskHvMr_DeH51E0VRZFF7yeP5J1Fyy2J9_7vXs&dib_tag=se&keywords=Washers&pd_rd_r=a89d88aa-460a-4f15-a3e8-5aec3773d7d5&pd_rd_w=fc0Lq&pd_rd_wg=IhDOT&pid=hGk9B3v&qid=1750041469&s=industrial&srefix=flat%2Bwasher%2Bfor%2Bm6-1.0%2Bx%2B8mm%2Caps%2C246&sr=1-1-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1>](https://www.amazon.com/Washer-0-24x0-7in-Stainless-Washers-Silver/dp/B0F66LMTHR/ref=sr_1_1_sspa?content-id=amzn1.sym.918a99dd-4826-4c0a-be33-a6705d69c4cf%3Aamzn1.sym.918a99dd-4826-4c0a-be33-a6705d69c4cf&crid=2M7TC0DSEVOYT&dib=eyJ2IjoiMSJ9.REq9R_E0SpkZJhPxmLoE02_IqP5eytmnYZ6xpEQRgj5Qsf78PMdhc1YoK_FIL77jMsiV-ceNIzy7bDVxtSO4HfVUVt88M3M48XfEProDDf634Jk_XK5Q7hUi39YFMwoEhTv9-HIIYgcwzPEYLbQSepjXneOMu1OnzQvFWEmltsk2ZMG0Wy_5LQI7TlvhmlXp-lm5miu5_RwKAq0dwVzJ3zLs9biK2bDSqulmp8gATWKBpgehkBb5dbkXuY7uhNZ6PfiomsBSha3o8ewEzjkuxBs8r1vq8Bbnqp8LBbBKMmE.5C-leuskHvMr_DeH51E0VRZFF7yeP5J1Fyy2J9_7vXs&dib_tag=se&keywords=Washers&pd_rd_r=a89d88aa-460a-4f15-a3e8-5aec3773d7d5&pd_rd_w=fc0Lq&pd_rd_wg=IhDOT&pid=hGk9B3v&qid=1750041469&s=industrial&srefix=flat%2Bwasher%2Bfor%2Bm6-1.0%2Bx%2B8mm%2Caps%2C246&sr=1-1-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&psc=1)

Lock Washers x16

Lock Washer from Amazon

[<https://www.amazon.com/Washer-Stainless-Spring-Elastic-Gasket/dp/B0C1YXFDDQ/ref=sr_1_3?dib=eyJ2IjoiMSJ9.0SsWHX9yQIASWH1TiKMQQcLBwaC6mHaJPtxsPXUV8sYtv5bJBirI5FYnUVM7dF5RC2KUj3WYVNpfKQSSjICQWt4UO8nQNdSkWOPUkkIZFIKuBUnmQebP7PboByEqSP2P9X_dQG1tS9mq-ZwdEQqKSkqp30fCVd2D3nmRhiogKLVI4_zlViFuCxlRvkzfMDtG5Xgt3awHTn4AMc12_YXaALLfniI3K5NIDkTmNHYoVTLZZfk_pwuJFc56EnEb-kLNdPVDhbVLjnbdcVxoSxMhwQvFuL5s2ztUtnDYxmDtdRmk.bZb7P5u9r2K1vZtOyA4ifccfeLAzCd_LQMNh7q41-hE&dib_tag=se&keywords=lock%2Bwashers%2Bfor%2BM6-1.0%2Bx%2B8mm&qid=1750041842&refinements=p_n_feature_t](https://www.amazon.com/Washer-Stainless-Spring-Elastic-Gasket/dp/B0C1YXFDDQ/ref=sr_1_3?dib=eyJ2IjoiMSJ9.0SsWHX9yQIASWH1TiKMQQcLBwaC6mHaJPtxsPXUV8sYtv5bJBirI5FYnUVM7dF5RC2KUj3WYVNpfKQSSjICQWt4UO8nQNdSkWOPUkkIZFIKuBUnmQebP7PboByEqSP2P9X_dQG1tS9mq-ZwdEQqKSkqp30fCVd2D3nmRhiogKLVI4_zlViFuCxlRvkzfMDtG5Xgt3awHTn4AMc12_YXaALLfniI3K5NIDkTmNHYoVTLZZfk_pwuJFc56EnEb-kLNdPVDhbVLjnbdcVxoSxMhwQvFuL5s2ztUtnDYxmDtdRmk.bZb7P5u9r2K1vZtOyA4ifccfeLAzCd_LQMNh7q41-hE&dib_tag=se&keywords=lock%2Bwashers%2Bfor%2BM6-1.0%2Bx%2B8mm&qid=1750041842&refinements=p_n_feature_t)

hree_browse-bin%3A17420954011&rnid=17420897011&s=industrial&sr=1-3&th=1>

60 amp connectors rather than Anderson Power poles:

XT60 Connectors from BatteryHookup.com

<<https://batteryhookup.com/collections/accessories/products/10-pairs-of-xt60-connectors-male-female-20-pcs-total>>

Cable needed to go from BMS to charger is about 5 bucks. The charger will monitor each cell:

10 gauge wire

wire and lugs needed:

10 gauge wire.

Generic lugs like you might get at an auto shop or heavier duty?

Assorted from amazon

<https://www.amazon.com/Zoostliss-Electrical-Connectors-Insulated-Connector/dp/B074Y31S2Z/ref=sr_1_10?crid=3NGQBUL4OLISY&dib=eyJ2ljojMSJ9.zSPV0O_ngzBm4lIZq0S9l8TpSdeAd1G_c9bMN9vnzi7enOclKRFp9YWDcuxeHil-hxWCHAF_kXjL4FP0-v4fVmRlu2E9jAJcheGewrUf5gdeGjVGD01Dd2svS-r_HF6c5B5jhcRaP95IDG7NdCe5rV6cqPYhBgwAWg5E6d7PdPU9lZ9bGZVv259MuJfSk2H6BMBhRi8sLyAa0o95eCAAdr0pPmw4kxEqqfvOEf208TnzfE0HwqAlzeRKZxdanpokjv0YaG3BXo2sqxRJATZM1EvXm3fBQBTlB6hg69fNr2ag.tsHozevggER6ilP525Ejsh6rRNtZQyUSILoOzeXx-jE&dib_tag=se&keywords=Assorted+lugs&qid=1749527081&refinements=p_n_feature_nine_browse-bin%3A18644577011&rnid=18644573011&s=industrial&sprefix=assorted+lugs%2Caps%2C149&sr=1-10>

A fuse block with two 30 Amp fuses (DC volts, not AC):

I have not found a part for this yet

Battery Charger

Battery Charger from Amazon

<<https://www.amazon.com/ISDT-Touchscreen-Battery-Charger-Discharger/dp/B0823DGJXS>>

Ammo Can:

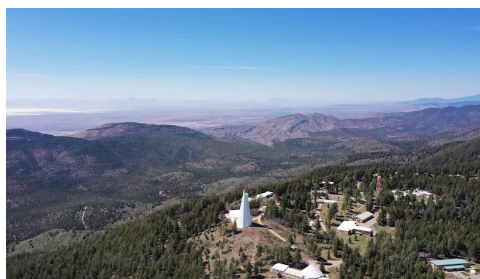
Bunker Hill Security 0.30 Caliber Ammo Box (Harbor Freight)

<https://www.harborfreight.com/030-caliber-ammo-box-63135.html>

Thank you Mark KJ5ITL for this information.

If you have any questions contact Ron KI5NBN. More information to come in upcoming weeks.

If you plan on building at the workshop email hdarcpres@gmail.com so we have enough work stations set up.



National Solar Observatory
Sunspot NM
Hamming Around New Mexico
New Date: September 6, 2025

Here is another exciting “Hamming around New Mexico” opportunity. HDARC will be visiting “The National Solar Observatory” in Sunspot NM on Saturday September 6, 2025. We are scheduled for a private 2 hr behind the scenes tour and private presentation by Dr Sean Sellers, Astronomer at Sunspot. Sunspot NM is located in the Sacramento Mountains south of Cloudcroft NM in the Lincoln National Forest. Sunspot NM is 257 miles from Albuquerque. Google maps shows it would take 4 hours and 15 minutes by the fastest route. The schedule is being worked on. The intent is to have the tour and presentation in the Mid Afternoon. This would provide us a chance to operate on site in the morning for those arriving the night before. Accommodations are available in Ruidoso, Mescalero, and Alamogordo. Remember this is the summer time and these are big tourist towns. A big 73 to Marc KD6KR coordinating this event. [If you would like to attend please save a spot early and email me at \[hdarcpres@gmail.com\]\(mailto:hdarcpres@gmail.com\)](#). The link to the Observatory is: <https://nso.edu>

The following calls sign have registered to participate in this adventure:

KD6KR	KI5NBP	AG5UY	N6SIK	N6TYT	KI5NBN
NM5MC	K5JVB	WA5YUL	N1NVK	KJ5ICW	KJ5JMK
KG5ZRU	KJ5LAK	WD5EQY	KI5UIT	K5WEZ	

If your callsign does not appear above and you registered please email hdarcpres@gmail.com

Lodging Info: Those of you that wish to stay overnight in Alamogordo NM on the Friday September 5, 2025 or Saturday September 6, 2025, Marc KD6KR has made arrangements with Super 8 Motel for a group rate of \$77.00 per night. The regular rack rate is \$99.00 plus. When you make your reservations mention our club for the special rate. More details to come.



HDARC EAST MOUNTAIN GROUP

The next installment of the packet workshop will be held July 17th from 10 am to noon at the Tijeras public library. Instructed by Jonathan Earhart KIUIT.

BRAVO SIERRA NET: Join HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone. Laid back get together for chatting, telling jokes/riddles/puns and generally having fun. Each week is a new Net Controller so that volunteers can practice their skills as Net Control in a relaxed and supportive environment.

HDARC Tailgate and SOCIAL (BBQ)

NEW DATE: Sunday August 24, 2024 (corrected date)

Our inventory is bursting at the seams. We are in the planning stages of having a Club Tailgate and social (BBQ) on Sunday August 24, 2025. This is a great opportunity for members to find a great bargain and visit over with each other over a hot dog or hamburger. More details to follow. If you have questions or wish to volunteer to help email hdrccpres@gmail.com

THE CONNECTIONS SECTION

"a relationship in which a person, thing, or idea is linked or associated with something else."

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 five 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). An MFJ 259 Antenna Analyzer was donated by Roger K5RPE. 73
Roger

We are looking for volunteers to help us make in house instructional videos to demonstrate how to use each piece of test equipment. Your role would be to be the on air talent. Other members would assist in creating the storyboards, help writing the script, recording, editing, and posting. If you have the hands on knowledge, help us share that with other club members.

RT Systems Programming Software Available for Use

The club has in its possession the following RT Systems programming software available for use:

- Icom-2730
- Alinco-635
- Yaesu FT-60
- Yaesu FT-2900
- Yaesu FTM-6000

Please contact Past President David Ham N6SIK if you wish to use them at n6sik@arrl.net

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. *The site is fully operational again.*



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 June - July 2025 SAVE THE DATES **NEW**

June 2025

Friday June 27, 2025 2000 hours : BRAVO SIERRA NET
HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone.

**Saturday June 28, 2025 8:00 A.M. - 5:00 P.M.: HDARC EVENT
2025 ARRL Field Day . Location TBD. Contact HDARC V.P.
John K5JVG Event coordinator for details.**

**Saturday June 28, 2025 10:00 A.M.: HDARC NM5HD
STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.
Club Treasurer Mike C NM5MC is our net controller.**

July 2025

**Wednesday July 2, 2025 Noon: Club ZOOM Lunchtime Chat
Room. Click on the link below to enter the virtual room.
[https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3
MATidQmEsJb31DoVnR.1](https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1) PIN 737373**

**Friday July 4, 2025 2000 hours : BRAVO SIERRA NET
HDARC East Mountain Group members on the Bravo Sierra
Net on the Raven Road repeater in Tijeras every Friday at 8
pm @ 146.720 (-) 100 Hz Tone.**

Saturday July 5, 2025 10:00 A.M.: HDARC NM5HD

STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.

Club V .P. John K5JVG. is our net controller.

Wednesday July 9, 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 June 11, 2025 2000 hours : BRAVO SIERRA NET

HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone.

Saturday July 12, 2025 10:00 A.M.: HDARC NM5HD

STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.

Club President Mike KI5NBP is our net controller.

Wednesday July 16, 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

Thursday July 17, 2025 11:30 AM - 1:00 PM : HDARC East Mountain Group monthly luncheon/meeting at Lil Mama's Restaurant located at 150 NM-344 A, in Edgewood, NM 87015. All are invited to attend. Contact Club Quartermaster/East Mountain resident Rob KI5NBN if you have any questions.
<https://menushenu.com/lil-mamas-restaurant-edgewood-menu/>

Friday June 18, 2025 2000 hours : BRAVO SIERRA NET HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone.

Saturday July 19 ,2025 10:00 AM -2:00 PM: Monthly in person membership meeting and Workshop:

Lipo 4 Ammo Can Portable Battery Build. Lead by KI5NBN Rob Summerhill. Details in the connections section of the Dispatch

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

Wednesday July 23, 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 June 25, 2025 2000 hours : BRAVO SIERRA NET HDARC East Mountain Group members on the Bravo Sierra Net on the Raven Road repeater in Tijeras every Friday at 8 pm @ 146.720 (-) 100 Hz Tone.

Saturday June 26, 2025 10:00 A.M.: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. Club Treasurer Mike C NM5MC is our net controller.

Wednesday July 30, 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

Future Scheduled Club Events

- Sept 2025 Sat. Comm/POTA Field Day & Tailgate
- August 2025 Membership Meeting Presentation: Bill Mader K8TE
“Better DX Chasing
- Nov 2025 HDARC Club Home Brew Contest

Club Events in the Bull Pen (Not Scheduled Yet)

- POTA - Field Days
- Equipment Tailgate
- Hamming Around New Mexico
- Dr Fong Antenna Workshop
- Operating FT 8 Workshop
- Operating Winlink Workshop
- Las Cruces Space Festival /Spaceport America (Sept 2025)
- Portable Battery Box Workshop
- Club Test Equipment Workshops
- And more to come.....

V.E. Testing **(Scheduling Change)**

The HDARC is a sponsor of the Institute of HAM Radio Sciences, which conducts free V.E. testing sessions on behalf of the HDARC at 11:30 on the 3rd Saturday of April, June, August. October, and December 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. **The next testing session is August 16, 2025.**

Saturday August 16, 2025

Saturday October 18, 2025

Saturday December 20, 2025

Here are the new licensees and upgrades from our June 2025
Session:



John (upgrade General) Kenneth (Upgrade Amateur Extra) Christine (New Technician)

Congratulations!

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. ***This is a free service with no fees attached.*** ***This week we are featuring items from the Club SK inventory. Contact our Quartermaster Rob KI5NBN at this email if you are interested: dynomutt@reagan.com Feel free to haggle with Rob. We will update this inventory weekly.***

The Club has received a generous donation of a large tower and antenna array. Please see the pictures below. This unit has a value of thousands of dollars. It would require the recipient to incur the cost of renting a crane to remove the unit from the current property, cost of disassembly, transport and have a pad with the appropriate receiving bolts in place ahead of time at their location plus assembly. The unit is being offered to the general HAM community for a donation. Please contact Past President David Ham N6SIK if you have questions about the unit.

The Sandoval County ARES has the following items for sale. Contact Gary K5BIQ at garycapt@yahoo.com to inquire and make an offer

- ***2- 15" Computer Monitors***
- ***Long LMR-400 coax***
- ***Misc length coax***

- *Misc antenna parts*
- *23 amp Samlex 1223 Power Supply*
- *Headset*
- *Misc. parachute cord*
- *MFJ-993B Antenna Tuner*
- *MFJ-989D Versa Tuner*
- *Antenna mast tripod*
- *Kenwood 590s HF/50Mhz Transceiver*
- *Old laptop*
- *Kenwood TS-50 HF Transceiver*
- *Remote Antenna switch, Ameritron RCS-8V*
- *Ameritron ALS-600S Amplifier*

Available for Purchase from the club Inventory

More inventory to be listed soon

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. MaryAnn NS7X for the Elmer contribution. Thank you Rob KI5NBN for providing a list of gear to offer to the club members. Thanks to those of you who provided content for this periodical. Feel free to reach out to me anytime at hdarcpres@gmail.com. If you wish to add content to "The High Desert Dispatch" weekly periodical the deadline for submission is Monday preceding the Wednesday publication date. If you get the chance, monitor the HDARC repeater every night at 7:30 P.M. local time to find someone to exchange with. *I look forward to hearing you on the air.*

73 Mike



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



The High Desert Amateur Radio Club Of New Mexico Inc.

The 2025 Leadership Team

Executive Leadership

Michael R. Smith KI5NBP, President 2024-2026 hdarcpres@gmail.com

John Gleason, K5JVG, Vice-President 2025-2026

Elaine Summerhill, KJ5ATL, Secretary 2024-2026

Mike Chirin, NM5MC, Treasurer - 2024-2026

Board of Directors

Ken Ham, AG5UY, Chairman - 2025-2027

Bill Jackson, KM6CRL, Director- 2025-2027

Mchael R. Smith, KI5NBP Director- 2024-2026

Harvey Dove, KI5YVY, Director- 2024-2026

MaryAnn Cornett, NS7X- Director - 2025-2026

Committee Leader's (Appointed by President)

Past President: David Ham, N6SIK

Elmer: MaryAnn Cornet, NS7X

Test Equipment Loaner Program: Harvey Dove, KI5YVY

Quartermaster: Rob Summerhill, KI5NBN

Club Programming & Workshop Development: Mike Smith, KI5NBP

Special Projects: Marc Matteson, KD6KR

Canteen: Cynthia Beiser, KJ5FMW

50/50 - Raffles: Becky Ham, N6TYT

The High Desert Dispatch Editor: Mike Smith, KI5NBP

Website: Ken Ham, AG56UY

Club YouTube Channel: Elaine Summerhill , KJ5ATL

East Mountain Group: Rob Summerhill , KI5NBN

License Testing: Yul Bratcher, WA5YUL

Club Net's: John Gleason, K5JVG

Club Repeater(s): Rob Summerhsill, KI5NBN

Field Days: John Gleason, K5JVG

Public Relations Outreach

Youth and Student Outreach

Safety Coordinator

Club Senior and Veterans Affairs Outreach

EmComm

