

THE NUGGET



The Newsletter of the Mother Lode DX/Contest Club

April 2021

Volume 26 Number 4

From the President – NC6R

Attention MLDXCC members -

It's now official; MLDXCC has won the ARRL Sweepstakes medium size club category for the 7th year in a row! Congratulations to all the fine CW & SSB operators for their outstanding effort which placed our final score well above our competition!

Well, the WPX Phone contest at WC6H did not go as planned. The evening before the start of the contest I tested positive for COVID....peachy. Sadly Rich also had a positive test the following morning, so he elected to cancel contest plans for this year. On the plus side, both he and I now have the anti-bodies!

DX on the HF bands has been on the upswing lately with improving conditions. Several DX entities from Africa have been very active lately. Openings to Europe in the morning and Asia / South Pacific in the evenings are also workable.

The 2021 CQ Marathon is also well underway. How are you doing? The DX count here at NC6R continues to grow. Now if ol' man Sun would

just continue to give us more sun spots to work with.

I again want to give a shout out to MLDXCC members. As a club we continue to be top contenders. Our Marathon score last year just missed being in the top #5 clubs worldwide by a small margin. Thank you to Bob, N6TCE for stepping up and being our Marathon log flogger.

Our continued success as a premier club can't be done without you. Would you consider becoming a member of MLDXCC? Dues are only \$20 dollars a year. Check out this newsletter for payment method.

As always, here are websites to view upcoming contest and DX announcements -

Contest calendar dates are listed at -
<https://www.contestcalendar.com/index.html>

DX operation announcements can be found at -
<https://www.ng3k.com/misc/adxo.html>

73 & good DX,

Steve / NC6R

MLDXCC President

From the V.P. - W1RH

Well, it looks like the little club that could has won another Sweepstakes gavel, and it's actually in the possession of our president! Our sixth win in a row. Way to go team!

Below are the final rankings for the ARRL Medium Club Category

Medium (≤50 entries, ≤175-mile radius) Club Score Entries

- 1 - Mother Lode DX/Contest Club 4,781,288 points, 48 logs
- 2 - Southern California Contest Club 3,375,212 points, 43 logs
- 3 - Arizona Outlaws Contest Club 3,183,916 points, 43 logs
- 4 - Tennessee Contest Group 2,306,268 points, 37 logs
- 5 - Grand Mesa Contesters of Colorado 2,293,130 points, 30 logs
- 6 - Western Washington DX Club 2,039,486 points, 27 logs
- 7 - DFW Contest Group 1,849,596 points, 25 logs
- 8 - Mad River Radio Club 1,666,102 points. 31 logs
- 9 - Central Texas DX and Contest Club 1,521,882 points, 21 logs
- 10 - Willamette Valley DX Club 1,521,604 points, 22 logs

To quote the ARRL's Results Article, authored by Scott, K5TA and Bruce, AA5B:

The competition for the Medium club gavel is usually pretty close, with the top several clubs all submitting 40 to 50 logs. Mother Lode DX/Contest Club, centered near Sacramento, CA, won again this year, with SCCC coming in 2nd. Arizona Outlaws Contest Club moved way up from their 7th-place finish in 2019 to take third this time around.

I'll note that both Scott and Bruce are members of the New Mexico Big River Contesters, who came very close to beating our Pizza Lovers 259 friends in the Bay Area. PL259, however, did win the gavel.

I have yet to see a final posting of the 2019 SS results from the ARRL. All I know is that we won the gavel. Who was our closest competition, and just how close were they? I don't know.

A look back at 2018 shows the Mad River Radio Club in 2nd place, with SCCC in third. The Willamette Valley club, which placed 21st, in 2018, made the top ten in 2020. I've got to wonder if Rusty, W6OAT might just have something to do with that!

A few highlights:

- Chris, N6WM, set a new East Bay Section record in the Multi-Single, High Power Phone category.
- W1SRD and W7RN (Matt, WX5S Op) were two of only 23 in the country,

operating Single Op, Hi Power, Unlimited, to make a clean sweep in the Phone contest. Likewise, Andy, AE6Y, and Rich, WC6H, were two of only six who got clean sweeps in the Single Op, High Power category for SS Phone.

- Rich, WC6H, made 10th place overall, Single Operator, High Power, SS Phone and first place in the Pacific Division.
- Matt, WX5S and operating the Radio Nevada station, W7RN, made 7th place in the Single Operator, Unlimited, High Power category, for SS Phone. Right behind Matt, was another station out of Nevada, Ira, K2RD, who placed 10th in that category.
- In the West Coast Region, Rich, WC6H, and Ken, K6MR, placed third and fourth respectively in the Single Operator, High Power category for SS Phone.
- Oh, and how about this: The winner of the Single Operator, Low Power category, for SS Phone, was K6JO, from Vista, California. He is 20 years old, and his check is 14!
- Dave, WD6T, and the current NCCC President, placed 9th in SS CW, Single Operator, Unlimited, High Power.

We had a terrific April Meeting, via Zoom, featuring Carl's, K9LA, with a presentation on Solar Cycle 25. I have not yet booked our May meeting. Our meeting is scheduled for May 15th; however IDXC has scheduled a virtual convention for that weekend so our next meeting may be in June. Watch the reflector!

Bob W1RH

Next Meeting

Date: May – 15th

Time: TBD

Location: TBD

Presentation: TBD

MLDXCC Treasurer - K6SZQ

MLDXCC Treasurer's Report - March 2021

2/28/2001	Opening Balance		\$2,528.94
	Income		\$90.00
	2021 Dues - Paypal	\$90.00	
	Expenses		\$50.00
	NCCC - QCP Plaque Sponsorship	\$50.00	
3/31/2021	Ending Balance		\$2,568.94

From the Secretary - KI6YYT

MLDXCC April 17, 2020 Meeting Notes

President Steve, NC6R, called the meeting to order.

The attendance was 32 people on the Zoom meeting.

Treasurer Sue, K6SZQ, reminded everyone that membership renewals are due. The dues are \$20

single and \$30 family. Directions are in the newsletter concerning payment options by Pay Pal. The treasurer's report for March was approved. Final balance is \$2,568.94, with all bills paid.

New Business: MLDXCC will donate \$250 now for the Bouvet Island DXpedition, 3Y0J, in 2023, and revisit the possibility of an additional donation later in the year. An additional donation will depend on the size of the club treasury.

Member Achievements – a partial list

WE6Z worked two new African countries and Afghanistan. He also has a new 75 foot tower, which will be topped with a SteppIR DB18E beam.

K6YK is chasing Summits on the Air.

All MLDXCC members should be working as many entities as possible for CQ Magazine DX Marathon each year.

Upcoming events:

The 7 Area QSO Party and the New England QSO Party, will be on May 1st

N7RCA Swap Meet is June 5, in Minden, NV

The presentation was by Carl, K9LA, Solar Cycle #25 – Predictions and Status. Carl presented an excellent program on past solar cycles from 1755 and predictions for our cycle 25 which is just starting. There is a very varied group of predictions from minimal to great. We'll just have to wait and see what happens. 10 meters should be very useable from 2023 to 2027.

The next MLDXCC meeting will be May 15, 2021. Hopefully it will be an in person meeting. Details will be sent out as soon as they are known.

Emilia Seiferling KI6YYT

CLUB Dues

2020 dues are due!

The Dues period runs from Jan 1 to Dec 31. Dues are \$20.00 individual, \$30.00 family

PayPal – Send to: motherlodeclub@gmail.com. Use the Friends and Family option.

Cash or Check - Given to a club officer at a meeting. Or mail to the Treasurer - Sue Allred K6SZQ, 17610 Red Mule Rd. Fiddletown, CA 95629

Club Log Standings

Overall

1	NJ6G	Dennis Moore	164
2	N6JV	Norm Wilson	150
3	WU6W	Rick Palio	142

CW

1	K6YK	John Lee	110
2	N6JV	Norm Wilson	107
3	K6IJ	Fred Honnold	81

Phone

1	NC6R	Steve Allred	105
2	K6YK	John Lee	76
3	K6TQ	Dave Sanders	71

Data

1	NJ6G	Dennis Moore	158
2	WU6W	Rick Palio	123
3	N6JV	Norm Wilson	118

Club Log Standings are based on worked entities during the calendar year.

In the news

The DXpeditions for A25RU and C92RU are in the books. I hope you were able to get them in the log. Pileups were challenging, but band conditions were favorable for 40-15 meters.

A25RU:

First QSO: 2021-03-15 18:25:00
Last QSO: 2021-04-01 22:21:00

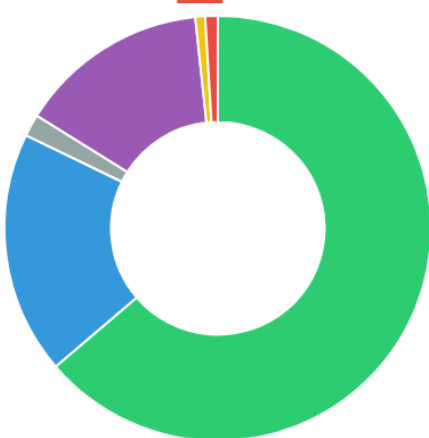
Band/Mode breakdown

Band	CW	FT8	SSB	Total	Total %
160	868	804	0	1672	3.4%
80	1465	1694	0	3159	6.5%
60	0	377	0	377	0.8%
40	2587	4464	0	7051	14.5%
30	1216	4583	0	5799	11.9%
20	4356	3817	480	8653	17.8%
17	3977	3349	709	8035	16.5%
15	3588	3226	0	6814	14.0%
12	2206	1418	238	3862	7.9%
10	1643	881	0	2524	5.2%
13	56	0	598	654	1.3%
Totals	21962	24613	2025	48600	

Breakdown by Continent

Continent	Total QSOs	%
Africa	461	0.9
Asia	7003	14.4
Europe	30974	63.7
North America	8985	18.5
Oceania	361	0.7
South America	816	1.7
Totals	48600	100.0

EU NA SA AS OC
AF



C92RU:

First QSO: 2021-04-03 21:26:00
Last QSO: 2021-04-13 23:03:00

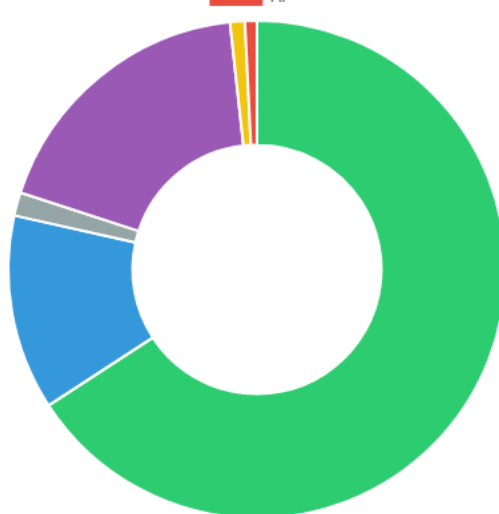
Band/Mode breakdown

Band	CW	FT8	SSB	Total	Total %
160	1142	445	0	1587	3.6%
80	1110	2094	0	3204	7.3%
60	0	898	0	898	2.0%
40	1311	5012	0	6323	14.4%
30	1495	5145	0	6640	15.1%
20	2081	4722	984	7787	17.7%
17	1755	4613	0	6368	14.5%
15	1976	4319	0	6295	14.3%
12	596	1973	112	2681	6.1%
10	692	665	1	1358	3.1%
13	140	0	704	844	1.9%
Totals	12298	29886	1801	43985	

Breakdown by Continent

Continent	Total QSOs	%
Africa	341	0.8
Asia	8038	18.3
Europe	28942	65.8
North America	5580	12.7
Oceania	421	1.0
South America	663	1.5
Totals	43985	100.0

EU NA SA AS OC
AF



<https://clublog.org/charts/?c=A25RU#r>

<https://clublog.org/charts/?c=c92ru#r>

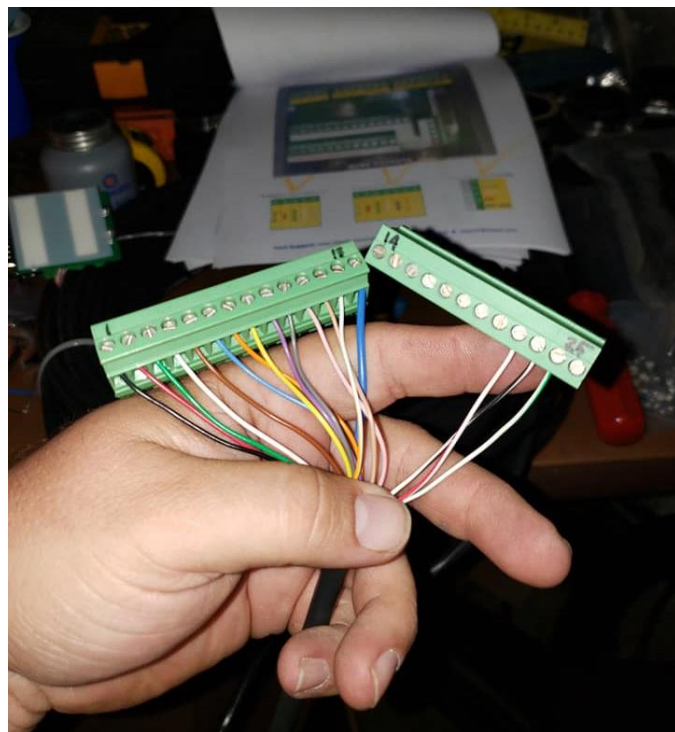
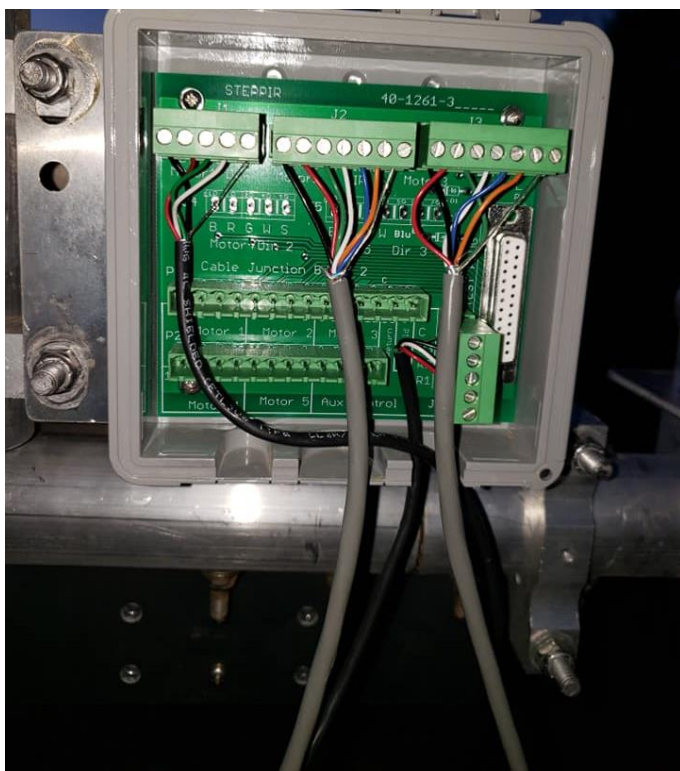
Member Reports

ATNO: I worked three all-time new ones:
Afghanistan, Botswana, and Mozambique.

Doug WE6Z

Doug's SteppIR Project

I am currently working on assembling a SteppIR
DB18E.



Still a lot of work to go, but I think it'll be worth it.

Doug WE6Z

ARRL Contesting Certificates

If you have participated in ARRL Contests by submitting your log, enter your call sign and see your available certificates. You can view and

download them. The certificates show where you placed in the contest.

<http://contests.arrl.org/certificates.php>

Awards Checkers ARRL

Ken Anderson, K6TA

(DXCC, WAS, VUCC, 160M)

Rick Samoian, W6SR

Tube of the Month

6166A/7007

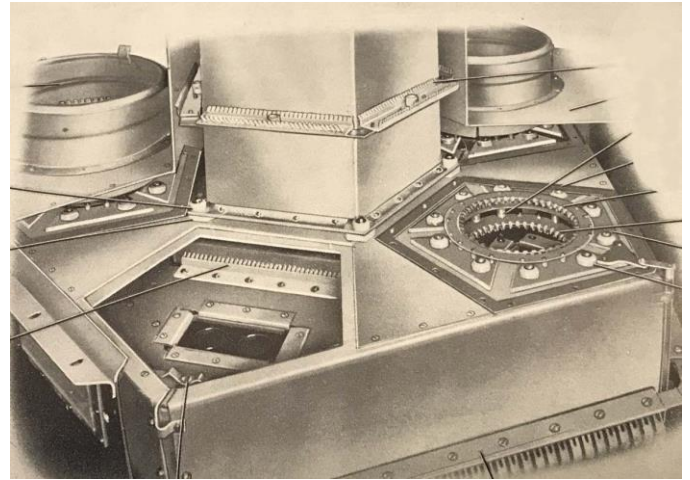
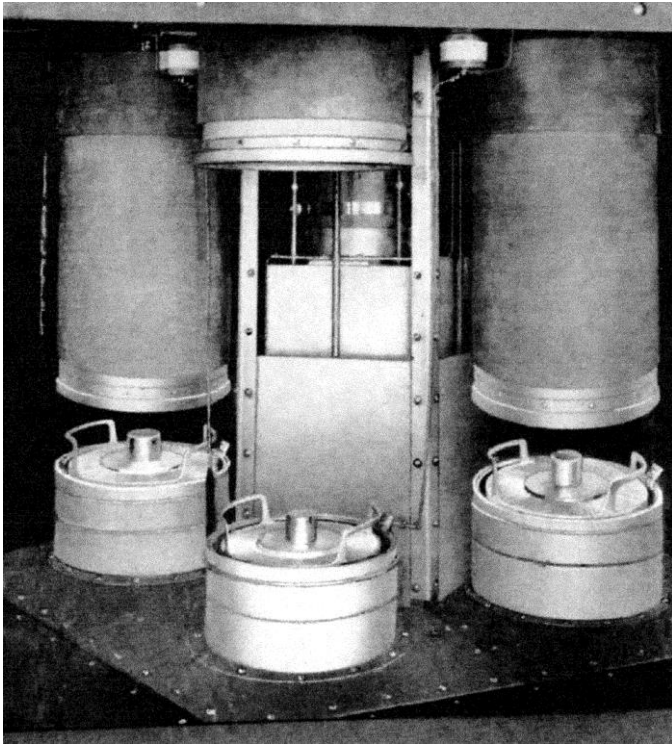


The first attempt to produce a high-powered transmitter for VHF TV was a success, although running large numbers of low powered tubes to get the required output wasn't optimum. RCA in 1952 announced a new 12,000-watt dissipation beam tetrode that would operate at full ratings up to 220 MHz. The tube was the 6166 and it was constructed with glass insulation and coaxial elements except for the filament pins. A filament current of 180 amps was easier to handle with heavy pins. RCA's new 25 KW amplifier used 2 of the 6166 tubes instead of

seven paralleled tubes. The new 50 KW amplifier used five of the 6166s in parallel. A pair of the TT-50AH amplifiers could be combined to make the TT-100AH at 100 KW. This was the time that the first ceramic insulated tubes were being produced. The 6166 was re-assembled with ceramic insulation and it was renamed the 6166A. The new tube only drew 168 amps of filament current. In 1960, the 6166A and a similar tube the 7007, were combined as the 6166A/7007. The new tube had a more efficient anode construction. The old transmitters had no problems running the newer and cooler tubes. Now five tubes were doing the job that required fourteen smaller tubes in the old unit to produce 50 KW output.



The TT-50AH amplifier was grounded grid and had the 5 tubes arranged in a circle around a pentagonal deck. The tubes could be removed when the air ducts were raised. The chimneys and their associated mounting plates could be removed to give access to the sockets. The first photo was taken from RCA-Transmitting-Equipment-Catalog-1956 and the second from the amplifier's service manual.



Visit the museum at N6JV.com
Norm N6JV

Fun Call Signs

By: Gary NA6O

Our alpha-numeric call signs, like license plates, are a ripe ground for textual mischief. Here are some actual calls that I've jotted down over the years. And yes, these are all legitimate...

RG8U

N0AH

K6UFO (Owner goes by Mork)

W7WHY (Why not?)

WH0RU (A club, on Saipan)

OH7NO

OJ0Y

WA5ZUP

KF0G

KB0GUS

M0RON

Animals

K9DOG (Clearly the best of the *DOG calls)

AC0W

N0PIG

*CAT (Popular worldwide)

The versatility of "ONE"

W1TCH (Yes, it's owned by a YL)

AB1CH (Also a YL)

WB1TCH (These women got attitude...)

RA1N

W1NG

W1FE

WE1RD

AL1EN

AG1RL (Not owned by a girl)

WR1ST

K1LLS (Cumberland Mafia Radio Club)

Risqué

*WTF (Popular worldwide)

SE0X (Sweden... where else?)

K9SEX (Goes by "Ruff")

W2FU (An extremely competitive contest station!)

VA6INA (Oh my...)

C92RU leaderboard stats

Steve W1SRD and NK7I have been running neck and neck with total contacts with the Russian team with A25RU and C92RU calls. It turns out both are slot hogs, take all you can manage. With C92RU Steve edged Rick out in time, but not in numbers. None of this hurts the standing for MLDXCC.

This is the first time NK7I has held ARRL standing in Leaderboard when the team has gone QRT.

Total contacts:

Steve W1SRD - 9 Rick NK7I - 8 (Each one snuck in one more band slot as the team was shutting down) West Coast propagation (or Rockies) was pretty meager most of the time.

North America:

Steve #79 Rick #97

US (Zone 3):

Steve #7 Rick #10

MLDXCC:

Steve #1 Rick #2

Being international in members, Rick did not stay on the ARRL worldwide board this time. The competition was enjoyed between the two stations with helpful commentary and banter during the race and condolences at the lost opportunities each faced.

This DXpedition also CLEARLY defined the different propagation here (800 miles apart) and from the

move for the DX team (Botswana to Mozambique, about 800 miles). North in both cases was more difficult.

Comments:

Mozambique was MUCH harder to work than Botswana; the 1500 clicks of movement made a HUGE difference.

While FT8 means easier staffing the site (one op can work 2-3 stations at once) and allowing peanut whistle stations to work DX; it caused grumbling worldwide.

The CW operations were superb, typical Russian ability in CW. Phone to the west coast (I heard them, not enough to call) didn't happen much; the prop just wasn't there.

There wasn't much pileup control, not much prop utilization (working EU while the narrow windows elsewhere were ignored)...

73, Rick NK7I

A25RU leaderboard stats

Total Contacts:

Rick NK7I - 11 Steve W1SRD - 11

North America:

Rick #92 Steve #94

US (Zone 3):

Rick #5 Steve #7

MLDXCC:

Rick #1 Steve #2

73, Rick NK7I

MLDXCC Focus Contests

The following lists all contests in which MLDXCC would appreciate your efforts.

ARRL SS CW/PH

ARRL DX Phone*

ARRL DX CW*

ARRL 10M*

ARRL 160M*

California QSO Party

*Proposed and approved at the November 12, 2016 MLDXCC general meeting.

Northern California Contest Club (NCCC) announced their focus contests at their August 2018 meeting. This list can be found in the Aug 2018 NCCC newsletter.

ARRL RTTY RU

CQ WPX RTTY

CQ WPX SSB

CQ WPX CW

MLDXCC – Outgoing ARRL Bureau

The Mother Lode DX/Contest Club will provide Outgoing QSL Bureau services to current paid club members. The policy is as follows:

The club will cover packaging, shipping, and the \$7.00 ARRL fee. Members will be responsible for the \$1.15 per ounce fee, payable to the club. A scale will be provided at the designated meetings to weigh the cards.

Twice per year, at the March and October meetings, members may bring their outgoing cards (or have delivered by another club member) to the meeting for collection and collating.

All regulations set forth by the ARRL must be met, including:

Members must be ARRL members to use outgoing bureau.

Must provide proof of membership (QST mailing label, ARRL membership card)

Cards need to be sorted according to ARRL requirements when brought to club.

The after-meeting program at those meetings would be dedicated to weighing, merging the cards, and making sure the paperwork is in order.

For more information regarding the ARRL Outgoing Bureau, please visit <http://www.arrl.org/outgoing-qsl-service>

QSL bureau rates have changed.

Outgoing QSL Service

QSL Service Fee Structure (effective May 15, 2019)

ARRL members — including foreign members, QSL Managers, or managers for DXpeditions — should enclose payment as follows:

Effective May 15, 2019, the rate structure is:

\$2 for 10 or fewer cards in one envelope.

\$3 for 11-20 cards in one envelope, or 75 cents per ounce, for packages with 21 or more cards.

[For example, a package containing 1.5 pounds of cards -- 24 ounces, or about 225 cards -- will cost \$18.]

Under the new fee structure, there are no transaction service fees.

You should use an accurate scale to weigh your cards. Most post offices have scales that you may use.

Please pay by check (or money order) and write your call sign on the check. Send cash at your own risk. DO NOT send postage stamps or IRCs. Please make checks payable to: "The ARRL Outgoing QSL Service."

Packages received with insufficient payment will not be processed until the balance is paid in full. The outgoing QSL bureau does not keep money on account.

The NOAA Solar Update

Click the link below to display the latest NOAA solar predictions.

<http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast>

UPCOMING Events

For the latest contest info, click on the following link:

<http://www.contestcalendar.com/contestcal.html>

UPCOMING DX and DXpeditions

Click the link below to display upcoming DXpeditions.

<http://www.ng3k.com/Misc/adxo.html>

MLDXCC Reflector

The MLDXCC reflector is maintained at groups.io. Visit <https://groups.io/g/mldxcc>

We also maintain a spotting reflector at <https://groups.io/g/MLDXCC-Spots>

We are also on Facebook!
<https://www.facebook.com>

Classifieds

Members are requested to review their classified ads each month for accuracy and to resubmit their ads or confirm their desire to keep it running in the next issue.

The Northern California Swap

Thursday evenings at 8 PM local on the N6ICW repeater system 147.195 +123

Join Armand WB2ZEI and the group to buy, sell, or trade amateur radio related gear. Check-ins and visitors welcome.

New! "The Serial Box" (SBOX) by N6TV – Combination Serial Port Splitter, ACOM / Elecraft / SPE Amplifier Interface, FSK/CW/PTT keying interface, and Breakout Box

<https://www.eham.net/reviews/detail/13971>

Serial Box



Serial Box

"The Y-BOX" by N6TV – 4-way Elecraft K3/K3S ACC port splitter, Elecraft Amplifier Interface, and Breakout Box

<https://www.eham.net/reviews/detail/13296>



Y-Box
N6TV

For Sale:

Not giving up...just making space.

1994 ARRL Handbook Hard Bound offer
1995 ARRL Handbook Soft Bound offer
FTDX-5000 MP \$1800/offer have box, manual
Late serial #

FT-890 'AT' w/manual & mobile bracket (AT may or may not work) \$250/offer

FT-1000 MP with filters, accessories & box

\$995/offer (ex WZ6Z radio)
80 Meter vertical antennas...67' HD aluminum
elements breaks
down to 8 31' pieces (3" diameter/1/8" wall),
\$100 each or offer 3 available
50' coax with center & end insulators for
dipole...new, never outdoors- \$ 60/offer
Satellite & old DirecTV dish...free
1992 International Callbook (remember those?)
offer
Old Novice & Tech License Guides, Tune in the
World, Operating Manual
IMAC (old-unknown condx) with kb &
mouse...???
Kenwood TR-8300 440 mhz FM transceiver with
xtals for 446.000, 443.250...offer.
May take labor instead of \$ on some items.

Email: k6lrn@arrl.net

Thanks & 73,
Dick

Need QSL cards, business cards, club banners?
Contact Vina K6VNA vina@sign-tek.com

For Sale:

National NC-125 receiver. Restored. All paper
and electrolytic caps replaced. All tubes checked
and weak ones replaced. Aligned and ready for
a new home. Asking \$149.



<https://www.youtube.com/watch?v=b627ubsCLEI>

For Sale:

National NC-98 Restored. All paper and
electrolytic caps replaced. All tubes checked and
weak ones replaced. Aligned and ready for a
new home. Asking \$119.



<https://www.youtube.com/watch?v=o32vO2Ijsf4>

For sale:

Hallicrafters SX-96 with matching R-46B speaker.
Restored. All paper and electrolytic caps
replaced. All tubes checked and weak ones
replaced. Aligned and ready for a new home.
Asking \$299



<https://www.youtube.com/watch?v=INAFaOMIjZl>

For Sale:

Collins 75A-3 receiver. Excellent condition. Has a product detector that was installed in the 60s. Recapped, weak tubes replaced, and aligned. Ready for a new home. Asking \$449/obo



https://www.youtube.com/playlist?list=PLPuaq7V41U5sqriDtWxEH_I_SS-XZyCXq

Contact Doug WE6Z, we6z@hotmail.com

Swapmeet

N7RCA's 17th Annual Electronics Swap Meet

June 5, 2021

This is a free event for buyers and sellers. More info n7rca.com

Rain or Shine

Electronics including: Modern gear, Drake, Collins, Johnson, HI-FI and all electronics

What to Bring: Truck loads of gear and tables for the swap.

AGENDA: Swap - Buy - Sell - Trade- Have fun

No fee event free for the hobbyist

Please pass this along to other groups and operators:

WE NEED HELP SPREADING THE WORD

All are invited to the Northern Nevada Radio Swap

Meet on June 5, 2021 7:30 am until 12pm

MINDEN NV. (20 miles from S. Lake Tahoe)

RV's welcome on the ranch, lots of room.

Swap meet is on a 6 acre ranch parking trailers and RV easy access.

BRING LOTS OF STUFF BY THE TRUCK LOAD

Please respect social distancing guidelines. This will be held rain or shine.

CAN SET UP THE NIGHT BEFORE

WHERE: (N7RCA) RANCH

1780 BOBCAT CT MINDEN

(20 miles from s Lake Tahoe) 15 miles south of Carson City NV.

June 5, 2021

No food or drinks available at swap meet. **BRING YOUR OWN**

Bring chairs and a tables for swap. **EASY UPS SHADE FROM THE SUN**

Swap - Buy - Sell - Trade. You can drop off large loads the night before

COLLECTORS, BROADCASTERS etc.

RV's welcome on the ranch, day before and after the swap meet. lots of parking.

Map and contact information at www.N7RCA.com

Weather Outlook:: Temps in the day time can range from mid-60's to mid-80's Nights in the 60's to low

40's.

Bring a hat and sunscreen, the Elevation is 5000 feet of clear blue open skies.

Notice: this event is a non-commercial event for the hobbyist, the property owner is not a party to any sale or warranty from attendees. Brad Hollander is not responsible for any loss or injury while on property. If you don't agree to these terms please don't attend.

2021 Meeting Dates

January – 23rd Zoom

Feb – none

March – 20th

Apr – 17th

May – 15th

June – 5th

July – 24th

August – 28th

September – 18th

October – 23rd

November – 13th

Dec – none

Dates are arranged to accommodate major contest dates. Meeting dates are subject to change. MLDXCC traditionally holds a mid-year combined meeting with NCCC.

Area Clubs

Northern California Contest Club -

<https://www.nccc.cc>

Lodi Amateur Radio Club -

<http://www.lodiarc.org>

Stockton Delta Amateur Radio Club -

<http://www.w6sf.org>

Pizza Lovers 259 -

<https://www.pl259.org>

El Dorado Amateur Radio Club -

<http://edcarc.net>

Sierra Foothills Amateur Radio Club -

<http://www.w6ek.org>

Redwood Empire DX Association -

<http://www.redxa.com>

Calaveras Amateur Radio Society

<http://calaverasars.org/>

Please contact the editor to have your club listed here.

ARRL Pacific Division

Pacific Division Director

Kristen A. McIntyre K6WX

k6wx@arrl.org

Pacific Division Vice Director

Vacant

East Bay Section Manager

Jim Siemons, W6LK

jim@siemons.com

Nevada Section Manager

John Bigley, N7UR

n7ur@arrl.org

Pacific Section Manager

Joe Speroni, AH0A

ah0a@arrl.org

San Francisco Section Manager

Bill Hillendahl, KH6GJV

kh6gjb@arrl.org

Santa Clara Valley Section Manager

James Armstrong

nv6w@arrl.org

Sacramento Valley Section Manager
Dr. Carol Milazzo, KP4MD
kp4md@arri.org

San Joaquin Valley Section Manager
John Litz NZ6Q
john@litz.com

Officers of the MLDXCC

President, Steve Allred, NC6R
sallred@volcano.net

Vice President, Bob Hess, W1RH
w1rh@yahoo.com

Director, Rich Cutler, WC6H
wc6h@yahoo.com

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The MLDXCC Newsletter

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