

THE NUGGET



The Newsletter of the Mother Lode DX/Contest Club

June 2022

Volume 27 Number 6

From the President – NR6Q

Greetings,

Things have been super busy over here. I just wanted to congratulate all of you on the excellent job you did in the November Sweepstakes in 2021. MLDXCC placed #1 in the medium club category with 4,258,330 points.

Next Meeting

Date: July – 23rd

Time: TBD

Location: TBD

Presentation: TBD

Beating Southern California Contest Club, South East Contest Club, Ontario Contest club, and many others. Our score was over a million points ahead of the competition!

Keep up the good work, and let's go for another win this year.

73, Greg Glenn, NR6Q

MLDXCC Treasurer - K6SZQ

MLDXCC Treasurer's Report -May 2022

4/30/2022 Opening Balance	\$2,777.32
Income	\$20.00
2022 Dues - Paypal	
2022 Dues - Checking	\$20.00
2021 Dues - Checking	
Expenses	\$0.00

5/31/2022 Ending Balance \$2,797.32

From the Secretary – W6BRY

Mother Lode DX/Contest Club

General Meeting Minutes

June 18th, 2022

George's Bar and Grill, Lockeford

Meeting was called to order at 12:32 p.m. by President Greg Glenn, NR6Q. 11 members were present.

The May minutes were published in the last newsletter. Rick Samoian, W6SR moved to accept the minutes as published; Rick Eversole, N6RNO seconded the motion. It passed unanimously.

Sue stated that the April Treasurer's report was published in the May newsletter, although there was no activity for the month. She then read the May treasurer's report. The beginning balance was \$2777.32 with \$20 income from dues. No expenses, so an ending balance of \$2,797.32. Steve Allred, NC6R moved to accept the report as read. Rick Eversole, N6RNO seconded the motion. It passed unanimously.

Old Business:

Greg reported that Tamitha Skov the space weather girl is willing to come do a presentation for the club on Solar events. It was initially proposed to have her speak at a joint meeting of MLDXCC, REDXA, and NCCC however the other clubs are still not meeting in person. It was agreed that although costs to have her come are not terribly high since she can combine the trip with visiting family, we did not want to waste her time. Greg will let her know that we still want her to speak sometime in the future.

New Business:

None

Announcements:

- Greg noted that Sweepstakes results had been published and MLDXCC once again won 1st place in the Medium Size Category. He also noted that we had the 2nd highest average score per participant log (highest was ORCA, a British Columbian radio club that submitted 9 logs). He also congratulated Rich Cutler, WC6H for placing #1 in the Pacific Division. Some discussion was had regarding Sweepstakes strategies, especially as our members get older; it was suggested that we focus on this in August/September with the hopes of securing another win for 2022.
- Steve Allred, NC6R announced that the Marathon results had just come out in the most recent issue of CQ magazine. MLDXCC placed #4 for all US stations, and #7 in the World. Members were reminded that this is a contest that lasts all year, and your country count starts fresh each January 1st.

Next Meeting:

July 23rd - location to be announced.

Rick Eversole, N6RNO made a motion to adjourn the meeting. Norm Wilson, N6JV seconded the motion, which passed. Meeting was adjourned at 1:12 p.m.

Respectfully submitted,

By Sue Allred, K6SZQ

for Secretary - Brian Mathews, W6BRY

CLUB Dues

2022 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	N6JV	Norm Wilson	214
2	W1SRD	Steve Dyer	212
3	NK7I	Rick Bates	197

CW

1	K6YK	John Lee	135
2	N6JV	Norm Wilson	125
3	W1SRD	Steve Dyer	109

Phone

1	W1SRD	Steve Dyer	107
2	NC6R	Steve Allred	106
3	K6YK	John Lee	99

Data

1	N6JV	Norm Wilson	190
2	W1SRD	Steve Dyer	187
3	W6DR	David Ritchie	185

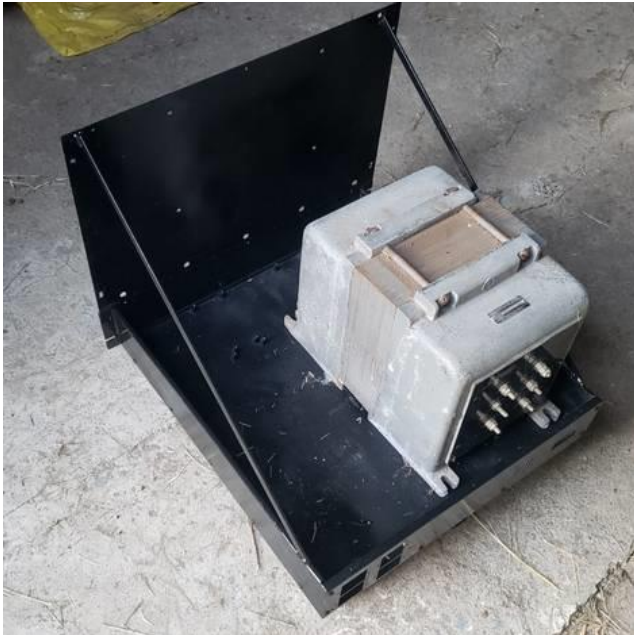
Club Log Standings are based on worked entities during the calendar year.

Member Reports

WE6Z's Current project: Power supply for 4-1000 Amplifier

I am currently building a high voltage power supply for a 4-1000 amplifier. I've gathered up all of the parts, and I am now working on fabrication and parts placement.





Doug WE6Z

3D2RRR

Worked easily, got the RR73.
8 bands of FT8 logged (all with RR73 at last), 3 of CW
and 2 of phone while family visiting.
73,
Rick NK7I

3D2RRR

Just worked him... Needed him on 80.
Mike K7QDX

I didn't go to Dayton but did make the Carmichael,
Elk's Lodge Ham swap. The swap was small but I was
able to sell a few items and see a few of the MLDXCC
members in person. As a bonus the weather was
very nice.

Also just received my plaque from the ARRL for
Pacific Division Winner, Single Operator, Low Power
for the June VHF contest. Just in time for this year's
contest.



73,
Jay – KE6GLA



K6SZQ – First Place CA Single-Operator YL



W6B

W6BRY & WE6Z – Top One-Day Expedition

N7RCA Swapmeet in Minden NV.

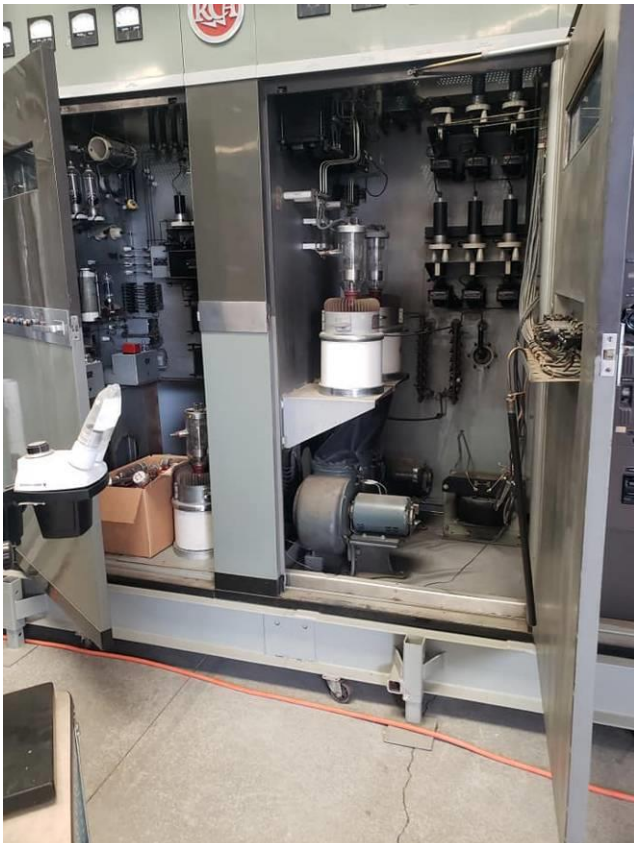
Here are some pictures from the Minden Swap. Lots of military gear and goodies.











State & Province QSO Party Calendar

<https://qsoparty.eqth.net/index.html>

73,

Steve / NC6R

In the News

RigExpert

Dear customers,

We have important news for you!

We apologize to everyone who encountered a problem on the RigExpertUSA website. We would like to avoid misunderstandings on our part and explain the whole situation.

Due to unforeseen changes, RigExpertUSA (aka PNC Engineering) has been officially closed for business as of 5/31/2022. RigExpertUSA was an independent legal entity and operated as a partner of Rig Expert Ukraine without being its branch.

We would like to assure you that Rig Expert Ukraine Ltd., the owner of the RigExpert brand, continues to operate in the USA. The customers of PNC Engineering can definitely contact RigExpertCare warranty service centers for warranty and post-warranty service of the RigExpert devices. List of centers at this link: <https://rigexpert.com/where-to-service/>

In case of questions regarding the service or purchase of products, you can contact us directly or one of our partners listed on the website: www.rigexpert.com

Sincerely yours,
RigExpert team

<https://rigexpert.com/where-to-service/>

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>

Tube of the Month

4CX1500A

The [4CX1000A](#) has been around since 1957 and is well known to hams. It could be found in surplus and there were articles written about amplifiers that used it. New tubes that were based on this old design were not commonly seen by the hams as there was no military source that would make them available to the surplus market. When I first found a [4CX1500A](#), I didn't know what it was. It had a solid screen ring like the [4CX1000K](#), but the tube had the 1500-watt plate structure like the [4CX1500B](#). The "B" tube doesn't have a solid ring so it was back to the books.

The 4CX1000A family of tubes, which include the 4CX1000K and the water cooled [4CW2000A](#), are electrically very similar. They were designed to operate in class AB1 with zero driving power. The control grid could easily be damaged. The 4CX1500B had an improved grid and cathode that allowed a watt of grid current. The 4CX1500A is a very different tube. The grid can dissipate 25 watts so could operate in class AB1, AB and CW as an amplifier at up to 110 MHz as well as in pulse service. The 1500-watt anode could be operated

Awards Checkers ARRL

Ken Anderson, K6TA

(DXCC, WAS, VUCC, 160M)

Rick Samoian, W6SR

with up to 5000 volts at an amp. This tube would coast at 1500 watts output if you could find a filament transformer that could deliver 5 volts at 40 amps. The filament was thoriated tungsten so was "instant on" unlike the oxide coated cathodes with their long warm up time that is required with the 4CX1000A group.

The 4CX1500A was used in the Continental 416D transmitter as well as in the Harris MW-50C3 AM broadcast transmitter where it drove the 4CX35,000C final.



Visit the museum at N6JV.com

Norm N6JV

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

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 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>

UPCOMING Events

For the latest contest info, click on the following link:
<http://www.contestcalendar.com/contestcal.html>

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.

For Sale - Harvey Wells Senior TBS-50C Transmitter and Power Supply - \$249.00

My old 1950's TBS-50C is in very good physical and working condition. It puts out 40 watts at 3885 KHz (my last 75-meter crystal). The transmitter works the bands available at that time from 80 to 2 meters. Because the transmitter multiplies the 807 final to 6 and 2 meters, not much more than 1 to 2 watts output is produced. The AM

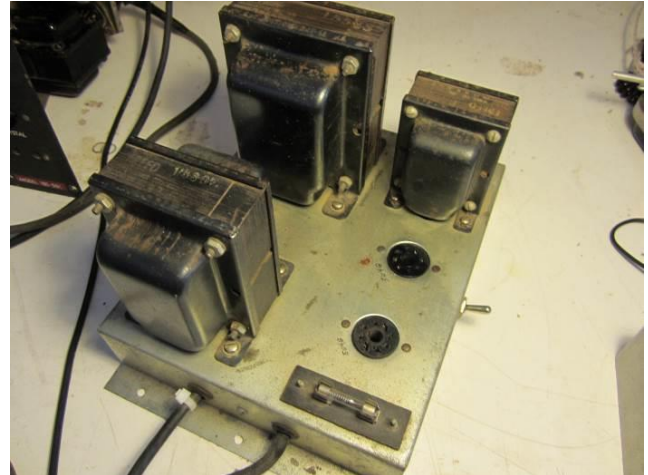
modulator uses two 6L6's and a carbon mike. A spare 807 is included. Modifications are out on the internet to convert it to 160 meters.

The matching Harvey Wells power supply has been restored using diodes versus the 5U4G tubes and has been recapped.

A copy of the manual is included.

I have more pictures available. Just request them at n6ghz@arll.net.

73's Bill – N6GHZ



Swapmeets

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.

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

2022 Meeting Dates

January – none
Feb – none
March – 19th
Apr – 16th
May – 14th
June – 18th
July – 23rd
August – 27th
September – 17th
October – 22nd
November – 19th
Dec – TBD

*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/>

Tuolumne County Amateur Radio Electronics
Society (TCARES)
<https://tcares.net/>

Please contact the editor to have your club listed here.

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The MLDXCC Newsletter

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