

THE NUGGET



Mother Lode DX/Contest Club

The Newsletter of the Mother Lode DX/Contest Club

February 2023

Volume 28 Number 2

From the President

As we approach the end of the winter season, we have a lot to look back on. We had lots of rain and snow (although we could use some more) and some pretty good winds. I lost my 80-meter vertical that has been standing for nearly 8 years. It looks like a pretzel, but I guess that will be some work for summertime. I am sure everyone had some sort of experience with a wind or water damaged antenna this year. While we need more rain, we can it would be nice to see less wind. We had the Bouvet Island DXpedition that was also quite a challenge.

As we move into spring and we all get are stations tuned up and back online, let's not forget about our contest club. We too have had some challenges over the last few years. Covid put a big dent in our meeting schedules and to some extent our overall club participation. As many of you know the board decided to do "in person" meetings starting last year. It seems as if MLDXCC was one of the few that broke away from the Zoom mode as many other clubs are still doing virtual meetings. We still try and offer a video feed from all our club meetings if we have capable internet, however we still think

that in person meeting are more effective and tend to bring the club together.

This year we are going to try and do a better job of getting the word out about club meetings. This had been a challenge in 2022 since we were not always sure if there would be some kind of new lockdown or policy change that would prevent "in person" meetings from occurring. In fact, some restaurants would only allow us to book a week or two in advance. Now it appears that we can schedule 60 to 90 days in advance in most situations. Rick Eversole has been making a concerted effort to get things planned at least 60 days in advance and we really appreciate that.

As I have stated before, we still need presentation material for our meetings. If any of you have any interesting subject matter for the group, please volunteer to be a presenter. We still have several slots available throughout the coming year. Our meeting dates have been determined for this year. Please let Rick or me know ASAP if you are interested or may know someone who is.

Lastly, we can always use more members. If you know of someone, maybe in the younger

generation, that is interested in contesting and/or DXing, talk it up. Let's see if we can increase our membership this year and get some new blood involved in the sport.

I look forward to seeing you all at the next meeting! Greg Glenn, NR6Q

From the Treasurer

MLDXCC Treasurer's Report - January 2023

12/31/2022	Opening Balance	\$2,877.32
	Income	\$220.00
	2023 Dues - Paypal	\$90.00
	2023 Dues -	\$130.00

Checking

	Expenses	\$66.75
	Post Office Box Rental	\$66.00
	Paypal Fees	\$0.75
12/31/2022	Ending Balance	\$3,030.57

From the Secretary

Mother Lode DX/Contest Club

General Meeting Minutes

January 21, 2023

Mountain Mike's - Martell

Meeting was called to order at 12:23 p.m. by Steve Allred, NC6R, filling in for Greg Glen, NR6Q. 6 members were in attendance.

December minutes were published in the January newsletter. Rich Cutler, WC6H moved to accept the minutes as published. Brandt Woodward, K6BEW seconded the motion. It passed unanimously.

The November/December treasurer's report was published in the January newsletter. Rick Eversole, N6RNO moved to accept the report as published. Norm Wilson, N6JV seconded the motion. It passed unanimously.

Treasurer Sue Allred, K6SZQ reminded everyone that we are starting a new dues year. Everyone at the meeting is now paid through 2023.

Old Business:

Steve announced that we needed a new editor for the newsletter, as Doug Phillips, WE6Z has stepped down from the position. Norm Wilson, N6JV will fill in as interim editor. Norm asked

that all those who had articles please submit them the Monday prior to our meeting date.

New Business:

None

Discussion:

- Steve Allred, NC6R reported that he had worked Crozet for an ATNO. Norm reported that was a new one on digital for him.
- It was commented that 10 meters coming back to life and there is a lot more activity.
- It was noted that ICDX is scheduled for April 21st-25th in Visalia, so there will be no April Meeting.
- Steve Allred, NC6R mentioned that he had been given some equipment with the provision that when he was done with it, he would gift it to a young ham. Steve has a TS500 and companion amp, bracket, DC cable and microphone. The rig could be used as either a mobile or base. If anyone knows of a young ham getting started and interested in HF, please contact Steve.
- It was noted that the final CQP numbers are out, and once again MLDXCC has

won the top club category. We also had many other members who did well.

Presentation:

None

Next Meeting:

2/25/23 at the Breakroom in Shingle Springs. Mark, Wohlschlegel, WC3W has taken over the CQ Marathon, and will be speaking about that contest.

Rick Eversole, N6RNO made a motion to adjourn the meeting. Norm Wilson, N6JV seconded the motion. Meeting was adjourned at 12:46 p.m.

Respectfully submitted,

Sue Allred, K6SZQ

for Secretary – Bob Hess, W1RH

2022 Sweepstakes – Bob, W1RH

I have probably mentioned this before, but I really like competing in the Medium Club category for Sweepstakes. The reason is simple: You never know if you're going to win each year. There is much competition in the Medium Club category with clubs having up to 50 members participating. The club most motivated generally wins the gavel.

Just to elaborate on the paragraph, above, think about the Unlimited Category. For the PVRC club, winning this contest in that category is just like shooting fish in a barrel. In 2021, PVRC won the gavel again. Look at the final numbers:

1. Potomac Valley Radio Club - 13,589,630 Points; 246 Logs
2. Frankford radio Club – 5,857,978 Points; 88 Logs
3. Yankee Clipper Contest Club – 5,525,326 Points; 79 Logs
4. Minnesota Wireless Assn – 5,481,890 – 115 Logs
5. Society of Midwest Contesters – 4,829,368 Points – 95 logs

Yes, PVRC gets to rally the troops every year, but where is the fun in winning? If winning means placing second, well I guess it was a horse race in 2021 for second place. It's interesting to note that FRC and YCCC do not even consider SS a focus contest. Their clubs are all about ARRL DX and CQWW; yet by sheer numbers of members, along with a good geographic location for contesting, these clubs managed to beat out MWA and SMC, both of which really deserve better.

Although the results have yet to be announced, here's the Unlimited Category log count for 2022:

1. PVRC – 206 (down from 246 in 2021)
2. SMC – 135 (up from 95 in 2021)
3. MWA – 120 (up from 115 in 2021)
4. YCCC – 103 (up from 79 in 2021)
5. FRC – 95 (up from 88 logs in 2021)

PVRC had a huge drop in log count, but it's still going to be very difficult for any other club to win the Unlimited category in 2022.

Back to the Medium Club category, which fits this club like a glove.

As you all most likely know by now, the Medium Club category limits each club to a total of 50 logs spread out over both the CW and Phone SS contests. In other words, an example would be 25 logs for CW and 25 for

Phone, or 23 for CW and 27 for Phone, etc. The Unlimited Category requires a minimum of 51 logs, with no maximum. There is also the Small Club category, which limits each club to a maximum of 10 logs spread out over CW and Phone. PL259, a Bay Area club has often won the Small Club category using the smart strategy of submitting no more than 10 multi-operator logs.

In the Medium Club category, you will sometimes see the following clubs:

- Contest Club Ontario, a huge club, often submits a log count just above 50 (this year they had a log count of 52).

- Florida Contest Group, a formidable competitor submitted 53 logs in 2022.
- Our own NCCC submitted 47 logs this year (unofficial count) and will most likely end up in the Medium Club category assuming my log count is correct.

Year after year, you will always see the following clubs competing in the Medium Club Category (2022 log counts are all unofficial):

- The Western Washington DX Club had an unofficial count of 26 logs in 2022.
- The Willamette Valley DX Club had an unofficial count of 27 logs in 2022.
- The DFW Contest Group, which has been a strong competitor in the past, had a count of 30 logs in 2022.
- The Arizona Outlaws, which always places strong in CW, had a count of 31 logs in 2022 (17 CW; 14 Phone).
- The Mad River Radio Club, which focuses on SS every year with their SS Border Battle, where their Michigan members compete with their Ohio members, had a count of 36 logs (22 CW; 14 Phone).
- The Southern California Contest Club, like the Arizona Outlaws, always does well in the CW portion of the contest. Their 2022 count was 39 logs (23 CW; 16 Phone)
- The South East Contest Club, which played seriously this year in SS, had a count of 39 logs (23 CW; 15 Phone).
- The Tennessee Contest Group, which has been stronger and stronger in recent years in the SS Club Competition had a count of 42 logs (21 CW; 21 Phone).
- Our Mother Lode DX/Contest Club had a turned in 44 logs (27 CW and 17 Phone).

While I can safely declare PVRC the winner in the Unlimited Club category, I will never declare a win until I see the final results posted for the Medium Club category. Log checking could result in a few logs thrown out for clubs like the Florida Contest Group or Contest Club Ontario, which puts them in the Medium Club category. Also, when it's only a 50-log contest, log checking can greatly affect the outcome. A club submitting a total of 39 logs can still beat us.

With that said, here are my unofficial tallies:

Tennessee Contest Group

· CW = 1,571,350

· Phone = 515,994

TOTAL RAW SCORE = 1,571,371

ARIZONA OUTLAWS

· CW = 1,319,662

· Phone = 602,940

TOTAL RAW SCORE = 1,922,602

DFW

· CW = 1,352,602

· Phone = 738,694

TOTAL RAW SCORE = 2,091,296

SOUTHERN CALIFORNIA CONTEST CLUB

· CW = 1,630,248

· Phone = 764,878

TOTAL RAW SCORE = 2,395,126

SOUTH EAST CONTEST CLUB

· CW = 1,566,772

· Phone = 1,086,556

TOTAL RAW SCORE = 2,653,328

MLDXCC

· CW = 2,680,116

· Phone = 2,423,190

TOTAL RAW SCORE = 5,103,306

Again, I never feel comfortable predicting a win prior to seeing the results, but it's sure looking good for us this year.

Of interest this year is our CW score. This will be the first year that we appear to have won the CW side of the competition. Generally, the Arizona Outlaws and the Southern California Contest Club will beat us in CW, but we will greatly beat all other clubs in the Phone side of the competition. Also, this year, and for the first time, our raw CW score was higher than our raw Phone score.

If my raw score tally holds true, this may be MLDXCC's gavel for the 8th year in a row, and I'll note that we have only participated in SS for 8 years.

Finally, I wanted to comment on how we are able to win SS. We simply cannot do it with participation from only our core group of members in the central Mother Lode. This is a regional club, with a 175 mile circle and it takes our terrific contesters outside of the core area, along with our core area members, to win SS.

There was a time, when I was the NCCC President, that I rallied for NCCC to do a serious effort to win Sweepstakes. Alas, several NCCC members advised me that it was simply not possible since we did not have the number of total members nor did we have the number of motivated active members who could be persuaded to put in a serious effort. Sweepstakes is a contest that many simply do not like to compete in. The requirement of working each station only once, and only counting each multiplier once, can make Sunday a very boring day to contest. On the other hand, this makes Sweepstakes unique, and requires

operating strategies quite different from many other contests. I'll say that I have since grown quite fond of the Medium Club competition when, each year, we simply do not know who the serious competitors will be.

With great thanks to our core members and our regional members, many of which we rarely get to see face-to-face, here are the MLDXCC raw score leaders:

MLDXCC SS CW

- 58,800 WX6V
- 221,088 W7RN (N6TV) · 201,768 N6RO (N6RON6WM WD6T WU6P)
- 57,120 W6RKC
- 38,184 KA6W
- 182,040 WC6H
- 32,724 K6NV
- 180,768 N6RK
- 25,396 KE6GLA
- 179,928 W1SRD
- 21,252 K6XV
- 161,850 N6ZFO
- 12,138 K6DGW
- 131,880 W1RH
- 9,108 WD6T
- 131,376 K6OK
- 7,480 K6ST
- 118,776 WX5S
- 7,480 NU6T
- 105,840 W6EU

MLDXCC SS PHONE LEADERS

- 274,512 W7RN (WX5S)
- 273,000 WC6H
- 245,754 W6LP (NC6R)
- 224,112 NR6Q
- 185,304 W1SRD
- 152,040 N6ZFO
- 142,800 WD6T
- 118,944 W6SR (W6SR+W1RH @ W1RH)
- 118,000 N6RK
- 102,090 K6LRN
- 99,960 AE6Y
- 97,440 K6MM
- 95418 N6US
- 92,232 WE6Z
- 86,668 K9JM
- 84,840 AD6E
- 71,712 N6XI
- 64,740 N6GEO

- 115,248 WE6Z
- 104,580 K6OK

- 93,126 KE8FT

Member Input

WE6Z

Doug's nixie projects

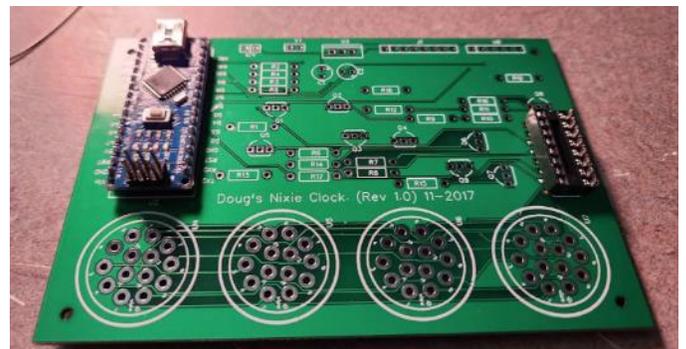
I've been having some fun lately building some non-radio related things.

I've always loved the neon glow of nixie tubes. In 2017 I designed and had a board made for a nixie clock. This board uses one K155ID1 driver chip and multiplexes 4 nixie tubes. The most challenging part is soldering the correct wire to the correct nixie digit. I had all of the parts in my junk box, so I was able to build this one up in four or five hours. This is a 4 digit 12 hour clock utilizing an old nixie display from some device. It has an Arduino Nano, DS3231 Real Time Clock, and switching 180 volt supply.

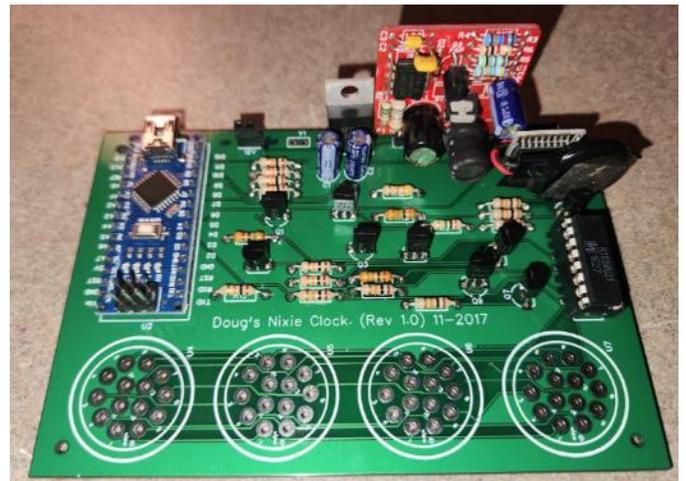
Display module



Bare board



Board populated



Working nixie clock

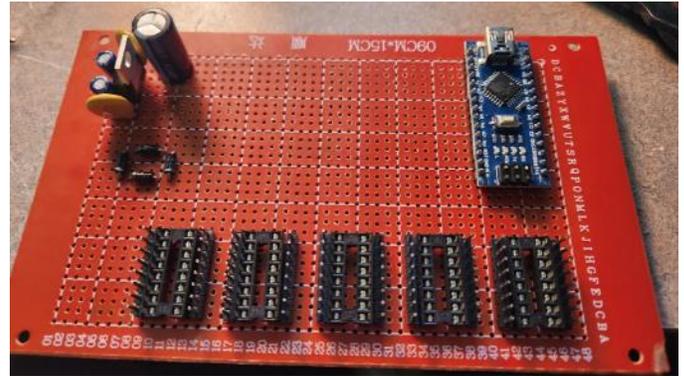


For a greater challenge I decided to build a circuit board to turn a 10 digit HP counter nixie display into a clock. Rather than a switching supply, this one uses a conventional transformer power supply with a neon lamp power indicator. The nixie display module uses HP's 1820-0092 driver chips. I used five 74HC595 shift registers to keep the pin count down. This allows you to use just three pins on the Arduino to control dozens of outputs. In this case 3 Arduino pins control 40 outputs. Those 40 outputs are divided among the 10 driver chips. Those 10 driver chips control the digits 0-9 inside the nixie tubes. So with the right chips and wiring, three pins on the Arduino control 100 individual digits.

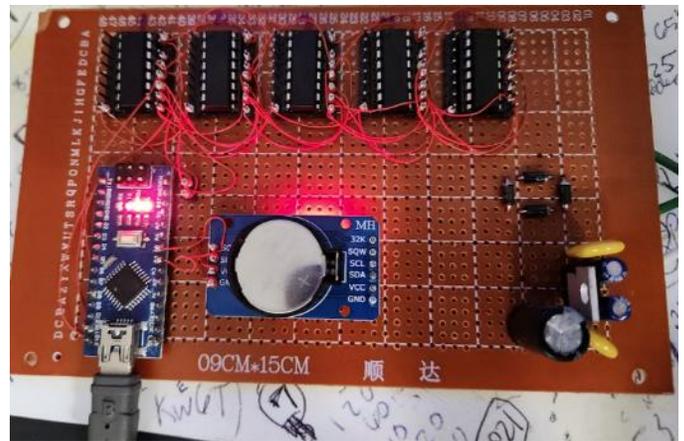
Testing power supply



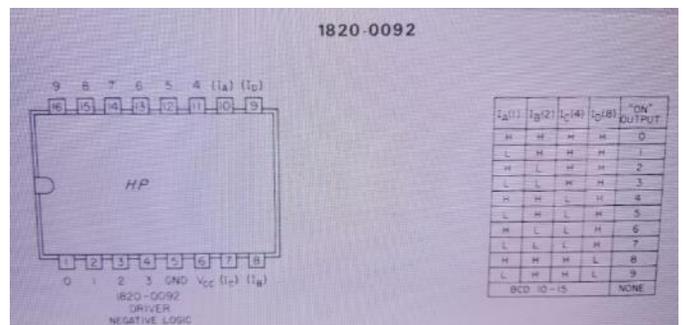
Board with power supply, Arduino, and sockets.



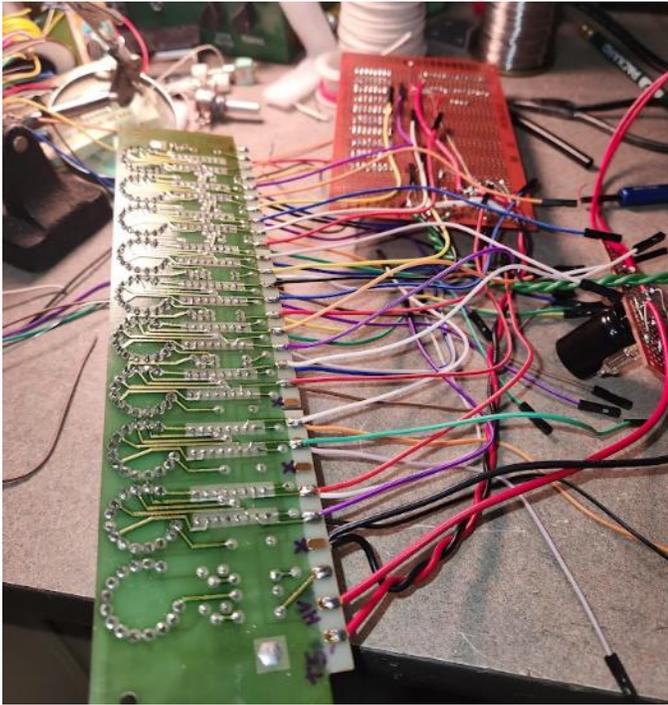
Wire wrap to connect pins



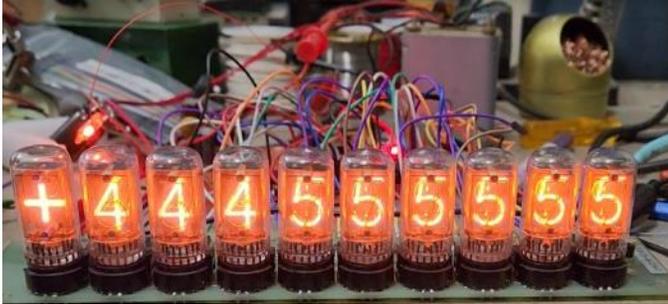
HP 1820-0092 truth table



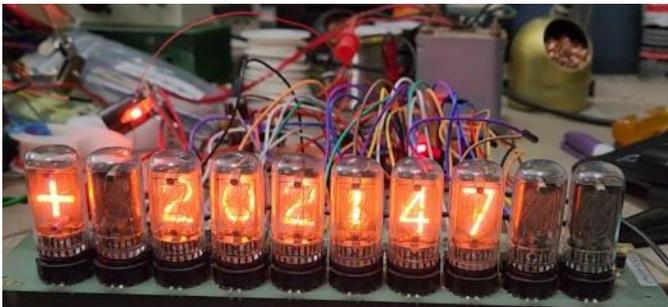
Wiring from the shift registers to the drivers



Testing digits



24-hour mode



It's been a lot of fun. I still need to add a few features, then install these into enclosures. de WE6Z

NK7I

On 16 Feb 23 a rare 6M opening occurred in the PINW (Pacific Inland NorthWest). I was able to call and confirm the following:

LU, CE, HC, TG and VP8 which brings me to a 6M total of 37 confirmed entities from N. Idaho.

73,
Rick NK7I

N6JV

The winter storms caused a lot of damage to Wilton. We were out of power for a total of 8 days.



The first storm blew a large tree down and destroyed the 30 meter yagi. With Crozet and Bouvet coming up, I knew I needed to get it fixed, so I cranked it down and removed the yagi. A few days later we put it back together. I managed to strain my arm from climbing and it still is giving me problems. The second storm was very bad. The photo is from the horse farm across the road. The steel pipe was twisted in a pile by what we believe was a small tornado. It destroyed a barn on that property and uprooted four fruit trees in my yard.



I have had some good openings on 6-meters and worked eight new grids in New Zealand and Chile. I am up to a grid total of 982. Crozet and Bouvet were new band countries on 30 meters and also new for digital DXCC. I need 4 more on digital for all countries. During the CW DX contest, I also worked FT8WW on 17-meter FT8 and Z62NS on 10-meter SSB for new band countries. After the contest I worked ZC4GR on 12-meter FT8 for another band country. My challenge number is now 2962.

The 30 is up.



NJ6G & K6VNA

The recent storms and high winds played havoc with the mounting u-bolts on my 40/20/15 tribander. My two options for repair were to either lower the tower and tilt it, which requires removing elements in order to get it close enough to the ground to repair, or repair it without tilting. I voted for option 1, but Vina K6VNA overruled me so up the tower *SHE* went. She's been itching to try her climbing harness she bought at Visalia a couple of years ago.

Since 10m opened up I finally managed to finish DXCC on that band, last two were Austria on FT8 and Slovenia on SSB. It also allowed me to finish WAS 10m digital, getting Delaware and South Dakota on FT8.

Photo attached of Vina up the tower.

73, Dennis NJ6G

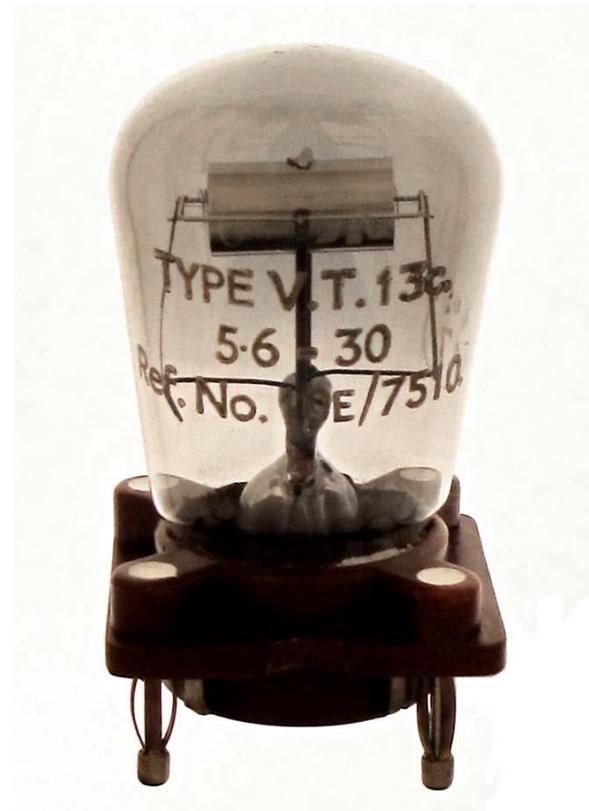


Tube of the Month

VT13c

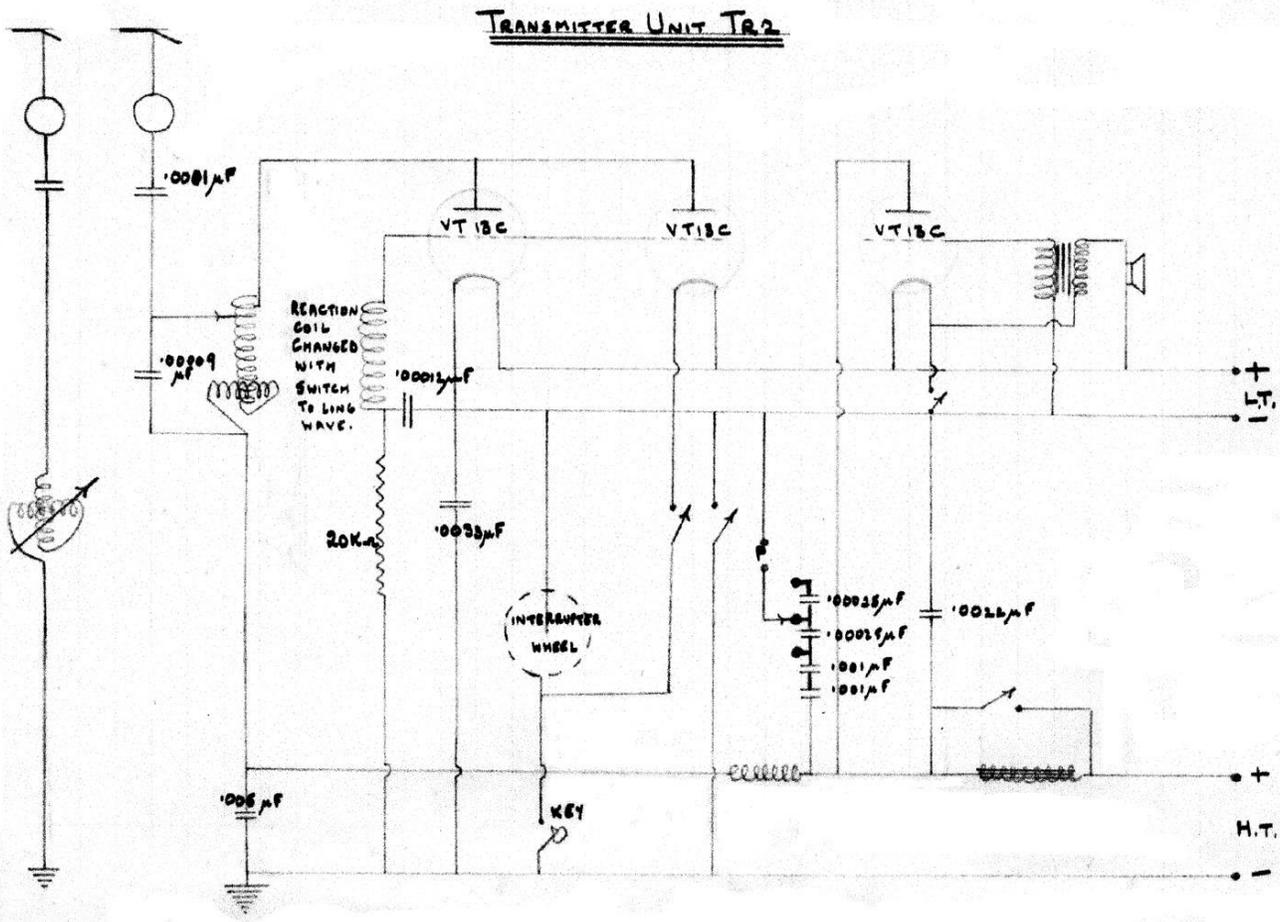
When we see a tube with a VT prefix, it's often assumed that it's a military tube designation for a "Vacuum Tube". Early British military tubes also used the same VT prefix but it means "Valve Transmitting". After WWI, the Royal Air Force (RAF) continued the development of wireless for aircraft addressing the problems they had encounter during the war.

WWI aircraft were made of wood and canvas that had been treated with a liquid called "dope" that stretched and stiffens the fabric and made it more waterproof. Many of the components of a biplane were especially flammable. I understand that the engines on these planes produced a lot of gas fumes so the planes were flying fire bombs. Early spotter planes were equipped with spark transmitters. Even the sparks from the key were dangerous. I have heard that the large keys were sometimes mounted to the outside of the fuselage where the fumes would be low. The open cockpits were also very cold and wet. Wet vacuum tubes were a problem as their bases shorted out. Some of these tubes used up to 1500 volts on the plates. In 1922, the RAF developed the L4 tube base that was large but had long breakdown paths. One of the first tubes to use the new base was the [VT13c](#).



The VT13c is a 30-watt triode with a μ of 35. The filament uses 5.6 volts at 1.45 amps and up to 1500 volts on the plate. The maximum frequency is 6 MHz. The first transmitter I can find that used the VT13c, was the RAF TR2 which used a VT13c as a modulator and a pair of the tubes as a Hartley oscillator. The 1923 transmitter would operate AM, CW and ICW. The AM was generated using Heising modulation and the ICW (Interrupted CW) was generated with a motor driven wheel to modulate the keying of the transmitter. Early transmitters needed to be able to use modulated CW as the simple tube and crystal detectors that were in common use, couldn't detect regular CW.

Visit the museum at N6JV.com
Norm N6JV



These are the only two stations I have worked before on Bouvet from N6JV.

3Y1VC

BOUVETØYA
Bouvet Island

ZONE WAZ 38
ZONE ITU 67

QTH: 54° 24S 03° 17' E

RIG: TRCVR: ICOM IC 701 ✗
ATLAS 215
PA: DENTRON MLA 2500
TU: DENTRON MT-3000
ANT: HY-GAIN 18AVT ✗
HY-GAIN TH6DX ✗

RADIO	DATE	GMT	MHz	MODE	RST	TKS	QSO
N6JV	5 1979	II 0012	14.030	2x CW	579		QSL

Op: LA1VC John Snuggerud, Ormsøybakken 14, Oslo, Norway

Best 73's John





Dear Amateur Radio & DX Enthusiast,

Do you want to meet and mingle with all your DX friends? Are you saving money for yet another tower, rig or amp? Would you like to talk with some of the top Vendors in ham radio? Then Join us next year for a fun event: The 74th International DX Convention in Visalia, CA., April 21-23, 2023.

IDXC 2023 – co-sponsored by the Northern California DX Club (NCDXC) and the Central Arizona DX Association (CADXA) will be held at the beautiful Visalia Convention Center in downtown Visalia, CA. IDXC is the premier DX Convention in the United States, and is attended by hundreds of serious DXers and Contesters looking to improve their skills, upgrade their stations and spend some quality hands-on time with the vendors' latest equipment offerings. If you're interested in getting involved in DXing, this a great place to start!

Convention Highlights:

- A full 2.5 Day program: Friday (April 21); Saturday (April 22); 1/2 day Sunday (April 23)
- 15-20 DX & Technical Seminars on both Friday & Saturday
- Excellent Keynote Speakers
- 35-40 Exhibitors in large Exhibit Hall offering all the latest gear Friday and Saturday
- ARRL QSL Card Checking
- Great Raffle Prizes from ICOM, Yaesu, Elecraft, and others
- Special Sessions: Contest Forum; DX Forum; ARRL Forum; YL Forum
- Optional training on Friday: DX University and Contest Academy
- Eyeball QSOs with your DXing friends, or make some new ones!
- Optional Saturday Visalia Tour (for your non-ham guests)
- IDXC Registration is now open and Hotel rooms are available!
- For more information and to register, visit our website at: dxconvention.com

IDXC 2023 will be the biggest and the best International DX Convention yet, and we hope you'll be able to join us to enjoy it all!

73,

Clay Cougar - N5YJZ
Ned Stearns - AA7A
Paul Ewing - N6PSE
IDXC 2023 Co-Chairs

info@dxconvention.com



7TH ANNUAL LOOMIS HAMFEST LOOMIS HISTORIC TRAIN DEPOT, LOOMIS, CA

All of us here at the Sierra Foothills ARC are eager to see you all
Mark your calendars for March 18, 2023!

First swap of the year!

Get your stuff, grab your wallet and get ready for a super swap!

We'll have donuts, coffee, Hamfest door prizes, a club table, media coverage, Elmer tours, a test table,
sellers, buyers, and much more.

WHERE

Historic Loomis Train Depot
5775 Horseshoe Bar Road
Loomis, CA

WHEN

Saturday, March 18, 2023
Buyer 7:00 AM – Noon
Sellers 6:00 AM

Club Log Standings 2023

Overall

1	K6YK	John Lee	156
2	W6DE	Dave Engle	153
3	N6JV	Norm Wilson	131

CW

1	K6YK	John Lee	115
2	N6JV	Norm Wilson	111
3	K6OK	Jim Varney	102

Phone

1	K6YK	John Lee	47
2	NC6R	Steve Allred	23
3	WU7W	Rich Palio	21

Data

1	W6DE	Davea Engle	135
2	W6DR	Dave Ritchie	104
3	NK7I	Rick Bates	101

Awards Checkers ARRL

Rick Samoian, W6SR

(DXCC, WAS, VUCC, 160M)

Postal Increase

Product	Price before Jan. 22	Price after Jan. 22
Letters (1 oz.)	60 cents	63 cents
Letters (metered 1 oz.)	57 cents	60 cents
Domestic Postcards	44 cents	48 cents
International Postcards	\$1.40	\$1.45
International Letter (1 oz.)	\$1.40	\$1.45

2023 Meeting Dates

January 21, Martell
February 25, Shingle Springs
March 18, Loomis
April 15
May 13
June 17
July 22
August 26
September 16
October 21
November 11
December 2

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>

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.

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

NC6R has a TS-50, AT-50 tuner, mic & power cable that he is offering FREE to a young ham that would like to get on HF but doesn't have the resources to do so.

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.*

ARRL Pacific Division

Pacific Division Director

Kristen A. McIntyre K6WX

k6wx@arrl.org

Pacific Division Vice Director

Anthony Marcin W7XM

w7xm@arrl.org

East Bay Section Manager

Mike Patterson N6JGA

n6jga@arrl.org

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

nv6w@arrl.org

Sacramento Valley Section Manager

Dr. Carol Milazzo KP4MD

kp4md@arrl.org

San Joaquin Valley Section Manager

John Litz NZ6Q

john@litz.com

Officers of the MLDXCC

President, Greg Glenn, NR6Q

nr6q@arrl.net

Vice President, Rick Eversole, N6RNO

rick@eversoles.com

Director, Rich Cutler, WC6H

wc6h@yahoo.com

Director, Steve Dyer, W1SRD

w1srd@arrl.net

Director, Steve Allred, NC6R

sallred@volcano.net

Secretary, Bryan Mathews, W6BRY

hotelbroker@gmail.com

Treasurer, Sue Allred, K6SZQ

sueallred@volcano.net

Publicity Manager, Bob Hess, W1RH

w1rh@yahoo.com

Editor...OPEN

Webmaster and acting Editor, Norm Wilson,
N6JV

n6jv@n6jv.com

The MLDXCC NEWSLETTER

Information may be reproduced provided
credit is given to MLDXCC.