

THE NUGGET



Mother Lode DX/Contest Club

The Newsletter of the Mother Lode DX/Contest Club

March 2021

Volume 26 Number 3

From the President – NC6R

Greetings MLDXCC members!

Have you been able to connect to our online Zoom meetings? We continue to see a good number of attendees logging in from various locations. Our latest meeting featured Rob Sherwood, giving a great presentation on the latest in receiver performance and transmitter spectrum purity.....very enlightening.

Who's making plans for the WPX Contest this coming weekend? Please give a listen for WC6H and the Multi/Multi team present there. It will be made up of several MLDXCC members whose voice you may even recognize.

HF band conditions continue to improve with the solar cycle on the upswing. Recently several DX entities have been active on the air. Were you able to take advantage of them and get them in the log? If not on SSB or CW, try FT8 as they have been often been spotted on that mode. Make sure you check to see if they're running F&H (fox & hound) mode on FT8.

As you may have noticed MLDXCC is becoming a premier DX/Contest Club, continuing to do very well for a club its size. Frequently we're winning awards and recognition, often beating out clubs that have a much larger member count. Our continued success can't be done without you. Would you consider becoming a member? Dues are only \$20 dollars a year. Check out this news letter for payment method.

With the 2020 CQ Marathon in the books, MLDXCC as a club continues to be a contender. We just missed being in the top #5 clubs worldwide; let's make that a goal for next year. Thank you to Bob, N6TCE for stepping up and being our cheerleader & log flogger for the Marathon.

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

The CQP Club Competition and a bit about SS

First things first. It seems I do this every year. Last month, I attempted to list the individual accomplishments of all of our members who participated in CQP, 2020. Alas, I missed a very key score!

Andy, AE6Y, who was one of the SEQUOIA stations, operated from Santa Clara County, as W6U, with a HUGE score of 323,698. That was good enough for sixth place CA SOHP. Great job Andy! Not quite sure how I missed that score.

Now, about that CQP Club Competition. In 2017, the CQP Committee changed the Club Competition rules. It was a major change and very much for the better. Among the many changes was moving the Club Competition from a single category to three categories; Large Clubs, Medium Clubs, and Small Clubs. It all made a lot of sense at the time. Another major change was opening up the Club Competition to the Southern California Contest Club. I was a major proponent for that change.

I've been very vocal with our club that I hate competing against ourselves and, with one category, prior to 2017, that was the case for several years. We just blew away the competition every year because there really was no competition for a club our size. In 2016, MLDXCC had a score of 3,075,399, with 36 logs. The number two club was the Redwood Empire

DX Association, with a score of 1,725,728, and 21 logs.

Enter the Southern California Contest and the new Large Club Category. I thought that this would turn into a great rivalry, having our club go head-to-head with SCCC every year, but it just didn't work out that way.

The new rules allowed a club to choose the class they would enter in, in advance of the contest. So far, so good, right? Surely, SCCC would choose to enter in the Large Club Category, as would MLDXCC. That's where both clubs belonged. It was not the case, however. Both clubs entered in the Medium Club Category and I'm still wondering just why we did that. SCCC beat us, in a close race, with 34 logs. MLDXCC entered with 51 logs, a huge increase from the prior year but, and this is a big "but", the new rules stated that only the top 35 logs would be scored in the Medium Club Category. As a result, there were 16 MLDXCC members whose logs did not count towards the Club Competition.

In 2018, MLDXCC entered in the Large Club Category and scored 3,840,974 points, with 42 logs. SCCC entered again in the Medium Club Category, with a score of 4,245,144 points and 35 logs. Clearly, had they entered in the Large Club Category, they would have cleaned our clocks but it was not to happen. Instead, MLDXCC got a nice plaque for competing against

ourselves, since no other club entered in the Large Club Category.

2019 was a repeat of 2018, with one major difference. MLDXCC again entered in the Large Club Category and SCCC entered in the Medium Club Category; but MLDXCC outscored SCCC in another very tight race. Had both clubs been in the same category, MLDXCC would have won. Instead, both clubs competed against themselves, with no competition, and both clubs got very nice plaques for doing so. I'll add that MLDXCC had only 38 logs submitted and SCCC had 31 logs submitted.

In 2020, I really wanted to see us compete head-to-head with SCCC, so I rallied our Board to have us enter in the Medium Club Category, since that has been the category SCCC had entered in every year, since 2017. This resulted in no entries in the Large Club Category. It also resulted in SCCC pretty soundly kicking MLDXCC's butt, with a huge score of 5,018,668 vs our 4,759,254. I actually felt OK about this. I liked our head-to-head competition and the scores were still close. Losing in 2020 really gives us a chance to rally our members in 2021 for a win over SCCC, if we were to enter again in the Medium Club Category. With the 35-log limit in this category, however, MLDXCC, with 53 member logs submitted, only had 35 of those logs counted towards the Club Competition. That meant that 18 of our member's logs were not counted, and that's sad.

One might say that we have the same situation with Sweepstakes, but it really has not been a problem for us. We enter in the Medium Club Category. The ARRL has a 50-log max for this

category rather than the CQP 35 log max. That fits both our club and SCCC very nicely.

So, where do we go from here? Personally, I think it's time to again "evolve" the Club Competition rules. The 2017 change was clearly for the better, but it still does not allow for that all-out, head-to-head competition between SCCC and MLDXCC as long as a club can choose the category, they want to enter in. I think a change is in order and I hope the CQP Committee recognizes this.

I do want to add that we have seen a nice rivalry in the Small Club Competition. This past year, REDXA beat PL-259. PL-259 beat REDXA in 2019. REDXA beat PL-259 in 2018 and PL-259 beat REDXA in 2017. Now, that's a rivalry and, in this case, the 2017 rule change really worked out for those two clubs.

I do want to add that these are my thoughts, and I'm not speaking for the MLDXCC Board. While I have some strong feelings about the CQP Club Competition, at least as it applies to California, it would not be proper for me, as a MLDXCC officer, to have a part in any CQP re-write of the rules. In addition, I don't want anyone thinking that I am in any way trashing the CQP organizing committee. This group, led by Glen (W6GJB) and including John (K6MM), Dean, (N6DE), and Tom (NS6T), has done an outstanding job, continuing to make CQP, by far, the most popular state QSO party. I believe 2020 will go in the record books as the first year ever that CQP has had over 1,000 logs submitted. This group deserves a big thank you for their service.

On a different subject, I do want to mention that MLDXCC is now shown as the winner in the 2020 Sweepstakes Medium Club Category preliminary results which, assuming the results hold up, will be our sixth gavel win in a row. Who made second place? Well, it was none other than the same club that kicked our butts in the 2020 CQP!

Bob W1RH

Next Meeting

Date: April 17th

Time: TBD

Location: TBD

Presentation: TBD

MLDXCC Treasurer - K6SZQ

MLDXCC Treasurer's Report - February 2021

1/31/2021	Opening Balance		\$2,339.81
	Income		\$189.13
	2021 Dues - Checking	\$90.00	
	2021 Dues - Paypal	\$79.13	
	Donation - Paypal	\$20.00	
	Expenses		\$0.00
	none		
2/28/2021	Ending Balance		\$2,528.94

From the Secretary - KI6YYT

MLDXCC Meeting Notes

General Meeting Minutes

March 20th, 2021 via Zoom

Meeting was called to order at 12:00 p.m. by Steve Allred, NC6R. 36 members and guests were in attendance.

Steve welcomed everyone on the zoom call.

January minutes were published in the January newsletter. Bill Ress, N6GHZ moved to accept the minutes as published. Bob Hess, W1RH seconded the motion. It passed unanimously.

The January treasurer's report was published in the February newsletter. Rich Cutler, WC6H moved to accept the report as published. Bob Hess, W1RH seconded the motion. It passed unanimously.

Sue Allred then read the February Treasurer's report. Beginning Balance of \$2339.81 with \$169.13 income from dues and \$20 from a donation, for an ending balance of \$2528.94. Steve Allred, NC6R moved to accept the report. Bill Ress, N6GHZ seconded the motion. It passed unanimously. Sue also mentioned that 2021 dues are now due.

Old Business:

None

New Business:

Steve stated that for several years the MLDXCC club has sponsored the CQP plaque for 1st place, Single Op Low Power, Non-California. We have been asked to do so again for 2020 CQP -

cost is \$50.00. Bob Hess, W1RH moved to sponsor the plaque; Norm Wilson, N6JV seconded the motion. It passed unanimously.

Member Achievements:

- Steve mentioned that John Lee, K6YK has been steadily climbing the SOTA rankings.
- Norm Wilson, N6JV stated that he was up to 102 entities on 60 meters, which gives him DXCC on his 12th band! N6JV also received the 5700 prefix endorsement for CW WPX.
- Steve also noted that several members are working hard on their DX count for the 2021 marathon, and thanked Bob Officer, N6TCE, for being the Marathon log flogger.

Announcements:

- Steve announced that the WPX contest is next weekend, and noted that Rich Cutler, WC6H is looking for a few members to join a team that will be operating the WC6H call at his QTH.
- Bob Hess, W1RH announced that preliminary results are in for the November Sweepstakes and that MLDXCC has won the Medium Club Category for the 6th year in a row. It appears we had over 1 million more points than the 2nd place club. Bob also noted that we were not quite as victorious in CQP, coming in 2nd to SCCC.

Next Meeting:

April - date and location to be announced.

Bob Hess, W1RH moved to adjourn; Brian Mathew, W6BRY seconded the motion. Meeting was adjourned at 12:13 p.m.

Rob Sherwood, NC0B gave a presentation on his well-known receiver testing lab and testing results.

At the conclusion of the presentation, it was realized that Ira Stoler, K2RD had mentioned that he would like to apply for membership during the chat session prior to the meeting, and we did not take official action. Bob Hess, W1TH nominated him as a member; Barry Bettman, K6ST seconded the motion, which passed unanimously.

Ted Algren also expressed interest in becoming a member. Bob Hess, W1TH nominated him as a member; Bill Ress, N6GHZ seconded the motion, which passed unanimously. Steve welcomed both new members to the club.

Respectfully submitted,

Sue Allred, K6SZQ for Secretary - 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	160
2	N6JV	Norm Wilson	136
3	WU6W	Rick Palio	132

CW

1	K6YK	John Lee	105
2	N6JV	Norm Wilson	102
3	K6IJ	Fred Honnold	80

Phone

1	NC6R	Steve Allred	93
2	NJ6G	Dennis Moore	70
3	K6YK	John Lee	58

Data

1	NJ6G	Dennis Moore	153
2	WU6W	Rick Palio	117
3	N6JV	Norm Wilson	99

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

In the news

Botswana is on the air as A25RU

<https://rv6ali.wixsite.com/botswana2021>

Member Reports

ATNO: I worked two all time new ones. A25RU Botswana and VK9CE Cocos Keeling Islands.
Doug WE6Z

Got my Sudan confirmation in yesterday's mail.
Finally a zone 34 QSL.



73, Dennis NJ6G

Testing out my setup for POTA, I worked TX, PA, and AL on FT8 with my KX3 using the AX1 multi-band whip running 5 watts.

Separately, I have 40 confirmed zones in 2021. 39 via LoTW, one via QSL card.

Dennis NJ6G

I tried out a new receive only antenna for the Stew Perry recently. It consists of two full size (260 ft) dipoles at a height of 30 feet, with the centers spaced a half wavelength on 160 meters (267 feet). (The ends almost touch) They are fed as a phased array. The wire goes north and south and the array beams east and west.

The idea was to not pick up vertically polarized local noise, power line or whatever, and receive signals as horizontally polarized. A single dipole unfortunately has a lot of pickup of vertical polarized signals off the ends. Modeling showed that a pair of them in phase cancelled out a lot of vertical pickup.

I built the system and installed a relay that would allow me to do an A/B/both comparison. A only and B only were basically identical. But

when both were used, the noise level was reduced by up to 10 dB. The noise that was left sounded like pure white noise and had no 120 Hz buzz, unlike listening to an individual dipole. Wow, this thing really works.

In the contest, I had an A/B switch to select this antenna or the 9 circle. I aimed the 9 circle at 60 degrees azimuth. Working the east coast the 9 circle was occasionally marginally better than the dipoles, because my noise comes from that direction. I ended up just using the dipoles all the time.

After local midnight, following JA sunset, I reset the 9 circle to 300 degrees azimuth and called CQ. I made 9 really easy QSO's with JA's. No trouble copying them. The noise when aimed at JA was very low. Fortunately, everything in that direction is zoned 80 acres; not much infrastructure.

The 9 circle was almost deaf to the east coast, which means it was working correctly. I switched back and forth between the 9 circle and the dipoles, to work the East coast while trolling for JA's. For next season, I want to have my 6700 set up to receive on both antennas at once, to different ears of course. If anyone knows how to do that, I could use some elmering.

I briefly compared the dipoles to a 20 foot N6RK magnetic loop, oriented to null power line noise. It seemed to compare favorably to the dipoles. I am planning to do some future work with loops regarding how well they can null powerline noise.

W2SC on the east coast commented that I was consistently the loudest signal all night long out of California. Therefore I am concentrating on

receive antennas; I need to hear better, not get out better.

73

Rick N6RK

I've been chasing SOTA activators for just less than 2 years, and hit the 25,000 point level a few days ago. That's about 5,000 QSOs. Who would have guessed there were that many folks out climbing mountains with radios!

John, K6YK

Below is an email I received from Ron St. Jean, NZ6O.

Ron was a 2X president of the MLDXCC back in the early 2000's. At that time he was living in El Dorado Hills and employed by H/P, but was forced to relocate to GA during a company's reorganization in 2009 or 10.

We had a nice chat on the phone, and I'm sure other may want to contact him.....de Rick, W6SR

On 3/16/2021 4:12 PM, Ron wrote:

Hello Rick,

Hope all is well with you and Karen.

The last two years has been quite busy for me. Along with working issues with my family back in Massachusetts, my company (HPE 47 years) made me a retirement offer I couldn't refuse. It turns out that I made a good decision by leaving so I packed things up, moved out the family I was sponsoring in Alpharetta GA, sold the house and headed south.

I'd been looking in many locations from Daytona to South Sarasota and found a good community just East of Tampa.

I'm in the moving and settling in process of the new place down here in FL. Community is the nicest overall of all the ones I've checked out here. Affordable, low-crime, etc. etc. Also a very high density of Amateur Radio people. The local club is large but is mostly a public-service type club. Closest contest club is in Orlando. I may venture over there and check them out. I did bring my FT-1000 MK5 with me plus a bunch of goodies. Not sure if I will set that up or look for a 6-160m 100w medium sized rig to fit in to the Gator-Box I have (Go-Box). At any rate, I shouldn't be bored...

Ok, just wanted to say hello and if you get a chance, mention that I said "HI" to the other club members that may remember me.

Regards,

Ron St. Jean (NZ6O)

(530) 409-7755

Doug's current project

The current project on the bench is a Collins 75S-3, 32S-1, and 516F-2 set. I have all of the capacitors replaced and all of the weak/bad tubes replaced. All I have left is a full alignment. This set will be for sale in the near future.



Doug WE6Z

The Story behind Yosemite Sam

Here is the story of who is behind the mysterious Yosemite Sam HF intruder station that was active for a couple of months in 2004-2005. As a starting point, there is a Wikipedia entry about it:

[https://en.wikipedia.org/wiki/Yosemite_Sam_\(short_wave\)](https://en.wikipedia.org/wiki/Yosemite_Sam_(short_wave))

The fellow responsible is a friend of mine, one who I almost went to work for. In the late 1990s, I was trying to decide if I wanted to move to New Mexico. One thing I'm well known for is LabVIEW programming, having written the first book on the subject back in 1994. That means I have contacts all over, and one of them had a small LabVIEW consulting company in Albuquerque. We visited and talked about his job opening. It never worked out but we kept in touch.

In mid-2013, I was chatting with him about a project of mutual interest that was going on at Sandia National Lab. It was something I had been working on there, and he was looking at taking over the work. When I mentioned that I was active in ham radio, he said he sort of had a run-in with some hams that involved Yosemite Sam-something... When I asked what that was about, the story came out. I did jot some notes down but that was in a lab notebook that is long gone since I retired from LLNL. So here is what I remember.

National Instruments had come out with some new high-speed digital hardware for RF testing that had applications in SDR among other things. It's programmable via LabVIEW, so my friend was of course qualified to do development on the new platform. He landed a small contract from a three-letter agency that involved work on some complex modulation schemes.

Now this is the interesting part. While he had basically zero knowledge of FCC regulations, clearly his customer did. They set him up at a facility on an Indian reservation near Albuquerque. (According to Wikipedia, it was apparently the MATIC center, located on the Laguna Pueblo.) The reason they did so was to exempt themselves from FCC jurisdiction. There is indeed ambiguity on this subject to this day. Also, they're far enough from a large city that most emissions won't bother too many people.

It seems to me that it would be good enough to test this kind of thing off-line in a lab setting, or at most, apply low power to a small antenna, preferably in an unlicensed part of the spectrum. Instead, the sponsor supplied him with a 1 kW broadband amplifier and some kind of antenna for the HF

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

Awards Checkers ARRL

Ken Anderson, K6TA

(DXCC, WAS, VUCC, 160M)

Rick Samoian, W6SR

Tube of the Month

5762/7C24

Back in the 1970s, when I was living in Woodland, California, I discovered that a new startup company called ECONCO had begun operations in Woodland. They had occupied an old rug store on Dead Cat Alley. When I came in, the first thing I saw was a tube that had been placed anode down in a water

bands. And away he went, fat, dumb, and happy, doing his software-hardware integration experiments.

Waveforms were synthesized in software, and I've read various reports about what it sounded like at various times. There is even a sound clip at <http://www.spynumbers.com/YosemiteSam.html> But why Yosemite Sam? "It was a sound clip I just happen to have," I recall him saying, "and I wanted something funny to end my transmissions with."

So there you have it. And no, I'm not publishing my friend's name, although maybe I'll email him and ask if he minds. If I was him, I'd stay anonymous.

73, Gary NA6O

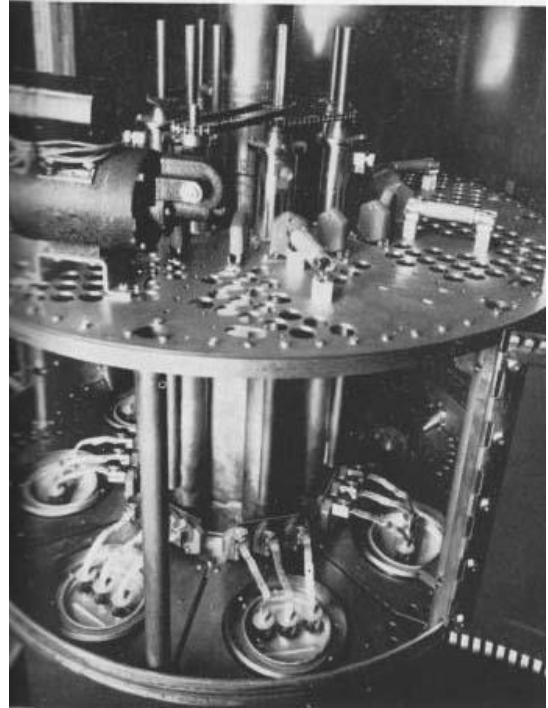
download them. The certificates show where you placed in the contest.

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

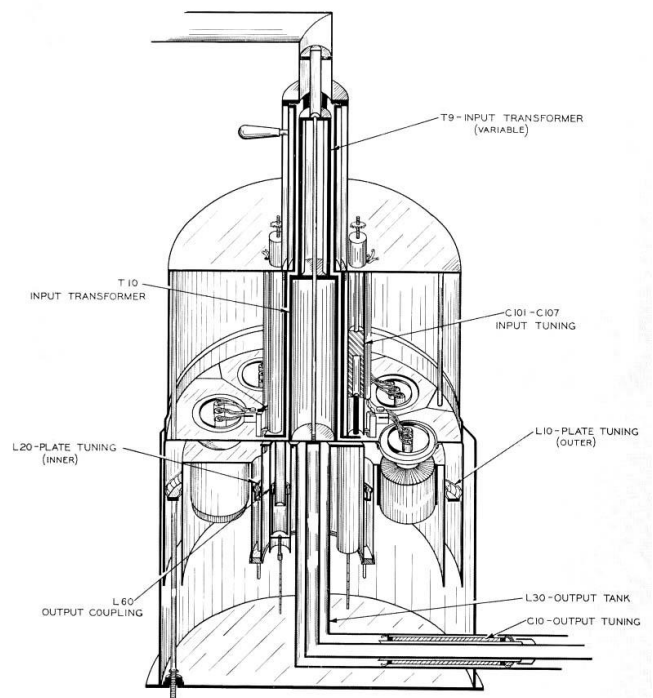
tank with its leads running to a power supply. They were obviously re-carburizing the filament on what, I later learned, was a 5762/7C24.

The 5762/7C24 is a 2000-watt dissipation triode with a center tapped filament. It started life in 1946 as the 7C24. A version with a more efficient anode was the 5762. These tubes were designed to work as grounded grid amplifiers. In 1953, RCA combined the two and incorporated the better radiator and named it the 5762/7C24. Eventually, the 5762A

replaced the older tubes. It had higher ratings, but was still interchangeable with the older versions. The tube was used in several transmitters in the HF range, but its ability to operate above 200 MHz in TV service at reduced ratings, led it to being incorporated in RCA's new line of VHF television amplifiers. The RCA TT-25AH and AL amplifiers, used seven tubes in parallel in the RF amplifier and an additional seven tubes in the aural amplifier. The output was 25 KW and could be driven by the RCA TT-5A transmitter. The photos, from Broadcast News, Jan. 1952, show the RF amplifier with the tubes in a ring. The lead to the center point of the filament, acted as an inductor in the tuned input circuit. The input and output tanks were quarter wave co-axial sections. The high output capacity of the combined tubes, made it impossible to make a quarter wave tank circuit actually tune in the high frequency TT-25AH. An additional tank section was placed in parallel and this made the tanks appear to be lower in inductance than did a single line. The parallel combination would tune and the amplifier was very stable.



After 70 years, this tube is still being rebuilt and available.



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

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.

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>

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>

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

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 \$150.



<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 \$125.



<https://www.youtube.com/watch?v=INAFa0MIjZl>

Contact Doug WE6Z, we6z@hotmail.com

I have a Kenwood TS-2000 for sale. It's the later model AFTER they corrected their "filter problem". I don't know what that problem was, but this one works great. It's HF, 160 thru 10 meters plus 6, 2, 432/440. Has a 500 cycle CW filter, mike, power cable, printed manual. It does all kinds of things, too many features to explain here. All mode, cross band repeat, satellite, etc. I've had it for about 3 years, use it almost daily but it's time for something new to play with. \$ 700.00 OBO. Will meet or deliver within reasonable mileage. Photo on my QRZ page, or request more.

John, K6YK 209-462-7391

I am the original owner of all the items and they are in great working condition and are from a non-smoking shack. Shipping costs are noted with the items but you are welcome to meet at my QTH in Folsom to check out an item first. I can email photos of items to you upon request.

Timewave Navigator USB Soundcard Modem

Used Timewave Navigator soundcard in perfect condition. No nicks or scratches. Comes with A-Male to B-Male USB cord, Setup guide, and installation CD disks. You can get latest drivers, etc. from Timewave.com. If you desire a master cable assembly, they are sold by RL Electronic (randl.com) or you could make one (wire diagrams are on Timewave.com).

\$150.00 (shipping \$15.00)

Please reply to this email:

<https://www.youtube.com/watch?v=o32vO2ljsf4>

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 \$300



oldfsp@yahoo.com

Dave Sanders K6TQ

Folsom, CA

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

Director, Steve Dyer, W1SRD
w1srd@arri.net

Director, Jeff Stai, WK6I
wk6i.jeff@gmail.com

Secretary, Emilia Seiferling, KI6YYT
ki6vyt@arri.net

Treasurer, Sue Allred, K6SZQ
sueallred@volcano.net

Publicity Manager, Bob Hess, W1RH
w1rh@yahoo.com

Editor, Doug Philips, WE6Z
we6z@hotmail.com

Webmaster, Norm Wilson, N6JV
n6jv@n6jv.com

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