

# THE NUGGET



## The Newsletter of the Mother Lode DX/Contest Club

January 2020

Volume 25 Number 1

### **From the President – NC6R**

I'd like to thank the outgoing MLDXCC officers, board members and newsletter editors. Without your selfless efforts we could not continue to be the First Class club we're becoming. I'd also like to thank the incoming officers and board for your willingness to step up and be a part of the MLDXCC team. A big thanks to Doug WE6Z for stepping up as newsletter editor, your willingness is greatly appreciated.

As there was no December meeting, here's a quick recap. The MLDXCC November meeting was held at Mountain Mikes Pizza in Martell. During the business portion of the meeting the slate of officers for year 2020 was presented, a vote taken and was passed unanimously.

As some of you may know the results of CQP (Cal-QSO) have been released. Results are in and although we're not a big club in numbers we certainly are in member participation as MLDXCC took first place in the large club category. To achieve a CQP victory for the 5<sup>th</sup> straight year took all of MLDXCC working together as a team.

Although we frequently focus on contesting, MLDXCC is also a DX Club. Over the last several years, we as a club have participated in the CQ DX Marathon which is a yearlong event. The CQ DX Marathon accepts any and all DX, no matter of the mode, that you've worked during the calendar year toward the total score. Although it took a full year to see the results, the totals are in. MLDXCC was ranked #4 in the world; #2 in North America for total number of DX contacts. That effort moved us up one position over last year!

As always, good website resources for upcoming contest and DX announcements are -

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>

Catch you on the bands -

73, Steve / NC6R

## From the V.P. - W1RH

I'm pumped!

In the past two days, we have proven just how good we are as a club full of testers AND DX'ers.

While we're still crossing our fingers for our fifth gavel in the Sweepstakes Medium Club

category, the results have arrived for the 2019 California QSO Party.

We're Number 1! The top club in the state competition. Here's how we compared in 2018 and 2019:



### 2019 California QSO Party Club Results

#### Large California Clubs

MOTHER LODE DX/CONTEST CLUB

<sup>1</sup>Large clubs score all logs

Num Logs	Score <sup>1</sup>
38	3,649,958

#### Medium California Clubs

SOUTHERN CALIFORNIA CONTEST CLUB

<sup>2</sup>Total score of the Club's Top 35 logs

Num Logs	Score <sup>2</sup>
31	3,412,277



### 2018 California QSO Party Club Results

#### Large California Clubs

MOTHERLODE DX/CONTEST CLUB

<sup>1</sup>Large clubs score all logs

Num Logs	Score <sup>1</sup>
42	3,840,974

#### Medium California Clubs

SOUTHERN CALIFORNIA CONTEST CLUB

NORTHERN CALIFORNIA DX CLUB

<sup>2</sup>Total score of the Club's Top 35 logs

Num Logs	Score <sup>2</sup>
35	4,245,144
4	161,227

You can see that although we had four fewer logs, we actually had just about 200,000 more points in 2019. Although we won the plaque in 2018 in the Unlimited Category, SCCC kicked out butt last year, scoring about 400,000 more points than MLDXCC.

It's important to note that a club must declare their category. If the club declares themselves a Medium Category club, only the top 35 logs are figured in the final score. I have never been a fan of this rule, but it's there for a reason. I'd rather compete in the Large Club category for

CQP (as opposed to Sweepstakes). That means we would not have received a plaque last year, but I still like competing head-to-head in a competitive field. SCCC has shown that they can beat us. Maybe next year we can compete head-to-head in a true fight for the plaque.

Regardless of the fact that we had no competition, we deserve to pat ourselves on the back for a terrific effort in CQP 2019.

Let's dig into this for a closer look at just how good our guys and gals are in this club.

First, who won a bottle of fine wine, donated by our own Jeff, WK6I? (Showing those members who submitted their score on behalf of MLDXCC)

2019 California QSO Party Awards							
Wine Winners							
CALIFORNIA				NON-CALIFORNIA			
1	NO6T (KI6RRN op)	RIVE	392,776	1	K9CT	IL	106,952
2	K6XX	SCRU	339,242	2	N3UA	VA	83,636
3	K6LA	LANG	304,964	3	N4ZZ	TN	83,520
4	WC6H	CALA	290,464	4	KL7SB	AK	81,909
5	N6IE	SONO	265,988	5	KH6TU (AD6E op)	HI	80,910
6	NW6P (W9KKN op)	SCLA	253,576	6	K4BAI	GA	79,515
7	AE6Y	SCLA	237,046	7	HQ9X (W1UE op)	DX	78,126
8	N6JV	SACR	235,596	8	K7SV	VA	76,850
9	K6MR	SHAS	228,456	9	VE3RZ	ON	70,566
10	W6TK	SLUI	214,890	10	K5KJ	TX	66,975
11	N6TV	SCLA	201,768	11	VA3DF	ON	65,892
12	W6AYC	SLUI	200,424	12	N4OX	FL	64,380
13	NC6K	SDIE	191,856	13	K3WJV	PA	60,876
14	N6ZFO	LAKE	191,110	14	N5RZ	TX	59,622
15	NR6Q	SACR	186,528	15	KY7M	AZ	59,565
16	WE6Z	ELDO	178,234	16	KG7CW	ID	56,145
17	N6US	AMAD	171,100	17	VE3KZ	ON	54,488
18	K6VO (K6NR op)	SBER	161,937	18	N4CW	NC	52,440
19	N6DE	STAN	152,772	19	N8UM	TN	51,576
20	N6JS *	SOLA	141,288	20	W5TM	OK	49,896
20	WN6K *	SDIE	141,288				
* Tie Score							

And, who won Plaques?

2019 CALIFORNIA QSO PARTY AWARDS					
PLAQUE AWARDS					
CALIFORNIA					
Single-Op HP		Mults	CW	PH	Score
1. NO6T (KI6RRN op)	Riverside	58	1172	1628	392,776
2. K6LA	Los Angeles	58	958	1192	304,964
Single-Op LP		Mults	CW	PH	Score
1. W6AYC	San Luis Obispo	56	1193	0	200,424
2. WN6K	San Diego	57	826	0	141,288
Single-Op QRP		Mults	CW	PH	Score
N6TVN	Sonoma	38	146	0	16,644
Single-Op HP, Assisted		Mults	CW	PH	Score
1. K6XX	Santa Cruz	58	1229	1081	339,242
2. N6IE	Sonoma	58	896	949	265,988
Single-Op LP, Assisted		Mults	CW	PH	Score
1. N6DE	Stanislaus	58	698	270	152,772
2. KM6Z	Los Angeles	57	619	78	114,741
Single-Op QRP, Assisted		Mults	CW	PH	Score
W6KHK	Riverside	52	300	111	58,344
Single-Op YL		Mults	CW	PH	Score
K6SZQ	Amador	57	0	993	113,202
Single-Op South		Mults	CW	PH	Score
N6QD	Los Angeles	48	245	6	35,856
Top School		Mults	CW	PH	Score
W6RFU	Santa Barbara	56	575	133	111,496
Ops = AC6T, WS6MT, N6RAJ					
Top Multi-Single		Mults	CW	PH	Score
NT6Q (N5ZO op)	San Diego	58	1409	744	331,470
Most CW QSOs		Num QSOs			
K6MR	Shasta	1336 QSOs			
Most PH QSOs		Num QSOs			
NO6T (KI6RRN op)	Riverside	1628 QSOs			
Top CA Club Awards		Size	Logs	Score	
MOTHER LODE DX/CONTEST CLUB		Large	38	3,649,958	
SOUTHERN CALIFORNIA CONTEST CLUB		Medium	31	3,412,277	
PIZZA LOVERS CLUB		Small	7	1,371,470	
First To 58 Multipliers		Time (duration)			
K6XX	Santa Cruz	20:23 (4 hr 23 min)			
Most Mobile QSOs		Number of QSOs			
K6AQL/M	22 counties	988 QSOs			
Ops = K0DI, K6JTK					
Single-Op New Contester		Mults	CW	PH	Score
K6SZQ	Amador	57	0	993	113,202
Single-Op Expeditions		Mults	CW	PH	Score
1. K6WSC	San Diego	53	778	0	123,702
2. W6ML (W6KC op)	Mono	57	607	101	115,311
Multi-Single Expeditions		Mults	CW	PH	Score
K6T	Tehama	58	1057	1037	304,210
Ops = AA1ON, W1RH, W5SRD, K0BEE					
Top Multi-Multi		Mults	CW	PH	Score
N6O	Contra Costa	58	1736	2142	550,536
Ops = K3EST, K6AW, N6RO, NA6O, WA6O, WX5S, AJ6CY, N6GD					

Note that Sue, K6SZQ won not one, but TWO plaques. I'm guessing she's going to have more than Steve in the not too distant future! Pretty impressive, eh? But we're not done bragging!

Top 10 - Single Operator, HP						
	Callsign	QTH	PH	CW	M	Score
1	NO6T	RIVE	1628	1172	58	392776
2	K6LA	LANG	1192	958	58	304964
3	WC6H	CALA	1079	950	58	290464
4	AE6V	SCLA	533	1007	58	237046
5	N6JV	SACR	666	910	58	235596
6	K6MR	SHAS	0	1336	57	228456
7	N6TV	SCLA	0	1201	56	201768
8	N6ZFO	LAKE	230	945	58	191110
9	NR6Q	SACR	1608	0	58	186528
10	K6VC	SBER	0	947	57	161937

Top 10 - Single Operator - Assisted, HP						
	Callsign	QTH	PH	CW	M	Score
1	K6XX	SCRU	1081	1229	58	339242
2	N6IE	SONO	949	896	58	265988
3	NW6P	SCLA	875	874	58	253576
4	W6TK	SLUI	741	741	58	214890
5	N6SR	SDIE	0	1142	56	191856
6	WE6Z	ELDO	542	663	58	178234
7	N6US	AMAD	278	798	58	171100
8	W6ML	MONO	101	607	57	115311
9	KG6N	SONO	62	624	57	113772
10	W6XB	YUBA	98	573	58	111070

Top 10 Multi-Single, HP							
	Callsign	QTH	PWR	PH	CW	M	Score
1	NT6Q	SDIE	HIGH	744	1409	58	331470
2	K6T	TEHA	HIGH	1037	1057	58	304210
3	N6QK	IMPE	HIGH	1015	938	57	276108
4	N6M	IMPE	HIGH	804	962	57	256158
5	K6MMM	SCRU	HIGH	662	933	58	239134
6	W6MY	SIER	HIGH	507	1007	58	234030
7	N6MI	VENT	HIGH	288	800	57	169632
8	NX6T	SDIE	HIGH	444	630	57	158346
9	W6DR	SCLA	HIGH	397	580	57	144438
10	K6MM	SFRA	HIGH	140	718	57	138738

Top 10 Multi-Single Expedition							
	Callsign	QTH	PWR	PH	CW	Mults	Score
1	K6T	TEHA	HIGH	1037	1057	58	304210
2	K6QK	IMPE	HIGH	1015	938	57	276108
3	N6M	IMPE	HIGH	804	962	57	256158
4	N6MI	VENT	HIGH	288	800	57	169632
5	K6MI	KING	LOW	225	784	58	162516
6	K6MM	SFRA	HIGH	140	718	57	138738
7	NS6T	TULA	LOW	408	390	56	111216
8	NC6Q	IMPE	HIGH	5	497	55	82555
9	NK6M	CALA	LOW	308	0	45	27720
10	W6DT	PLUM	LOW	103	0	32	6592

Red means a new county record. Here are some county records set by MLDXCC'ers:

Amador	CW	PH	Total	Mult	Score	Type
N6US <sup>1</sup>	798	278	1,076	58	171,100	SOA
K6SZQ	0	993	993	57	113,202	SO YL
W6RKC	207	23	230	40	26,680	SO L
K6BEW	7	192	199	44	17,820	SO
NC6R	0	128	128	37	9,472	SO

El Dorado	CW	PH	Total	Mult	Score	Type
WE6Z	663	542	1,205	58	178,234	SOA
K6LRN	574	0	574	57	98,154	SO
AF6SA	319	245	564	51	73,797	SOA
K6OK	52	392	444	54	50,760	SOA
KE6GLA	129	183	312	49	36,897	SO L
W6RC <sup>3</sup>	28	23	51	17	2,210	SOA L

Glenn	CW	PH	Total	Mult	Score	Type
N6GK <sup>4</sup> (KD6WKY op)	157	88	245	46	29,762	SOA L E
K6AQL/M (K0DI, K6JTK)	17	0	17	13	663	M/S L M

Mariposa	CW	PH	Total	Mult	Score	Type
AD6RF	0	3	3	3	18	SO L
N6TCE <sup>9</sup> (+ NZ6Q,N6ACL,K6KDD,K6KSO)	329	292	621	56	87,976	M/M L E

Tehama	CW	PH	Total	Mult	Score	Type
K6T <sup>27</sup> (AA1ON, W1RH, W1SRD, K0BEE)	1,057	1,037	2,094	58	304,210	M/S E

Tuolumne	CW	PH	Total	Mult	Score	Type
K0EJ/6	471	36	507	52	77,220	SO L E
N6GEO <sup>30</sup>	210	115	325	47	40,420	SOA
WA6HNA	15	33	48	19	2,109	SO

I also want to note two Multi-Ops that scored big:

#### Top Multi-Multi – N6O

The N6O operators included K3EST, K6AW, N6RO, NA6O, N3ZZ, N6RNO, and N6GJB. I know

that, with several MLDXCC members on this team, we did get a portion of the total score, which was a whopping 550,536 points.



## Top Multi-Single Expedition – K6T

The K6T team was 100% MLDXCC, consisting of yours truly (W1RH), AA1ON, W1SRD, and K0BEE. K6T not only set a new record, beating our own record for Tehama County, but we also beat the K6QK Imperial County team, who has won the Top Multi-Single plaque for the past several years.

Let me say that it's entirely possible I missed a member or two in this review. We have a number of members who are members of multiple clubs and, for CQP, they choose to give their points to another club. That's OK, and we're still glad to have them on our team. Also, I'm basing most logs for MLDXCC on what I see in 3830. Another reason to post your scores to 3830!

MLDXCC members who were also wine winners, but chose to give their points to other clubs include AE6Y, N6TV, and N6DE. Congratulations guys. Job well done!

One MLDXCC member who did give his points to the club is Alan, AD6E, who operated from his KH6 QTH, as KH6TU. Alan was outside the "circle" so his score did not count for us, but nevertheless, a superb job, Alan!

Now, let's put our DX club hat on and see how we did in the CQ DX Marathon.

The final results will not be out until June, but it's a pretty sure thing that we will place 4<sup>th</sup> in the world in the 2019 CQ DX Marathon.

Below are the claimed scores, subject to verification:

## 2019

TOP 5 CLUB SCORES	
Name	Score
CDR Group (Brazil)	10,786
Araucaria DX Group	5,891
Northern Illinois DX Association	5,702
Mother Lode DX/Contest Club	3,237
Carolina DX Association	3,166

How did we do in 2018? Take a look.

## 2018

### CLUB SCORES

Club	Score
CDR GROUP.....	14,609
Rio DX Group .....	4,564
Northern Illinois DX Association .....	4,425
Araucaria DX Group .....	3,819
Mother Lode DX/Contest Club.....	2,831
Carolina DX Association .....	2,811
Willamette Valley DX Club.....	2,086
East Tennessee DX Association .....	1,985

I want to note that in a year of practically no sunspots, we were well over last year's score.

Way to go MLDXCC! Now, everyone start working that DX, logging it, and we'll remind you to submit it at the end of the year. Our goal should be to beat the Argucaria DX Group, which is a very large group of DX'ers from all over the world.

Congratulations to Norm, N6JV, who placed first in Zone 3 and in the W6 Unlimited Category.

Congratulations also go out to Mike, K7QDX, who placed first in the W6 Formula 100 watt Category.

Great job Norm, Mike and MLDXCC!

Enough bragging for now.

Be sure to attend our January meeting. I have a really good speaker for January, but for reasons I can't discuss right now, he may or may not be able to make the meeting. Watch the website for details, including the location of the meeting. We have a great backup presentation if we need it.

We don't have a meeting in February but we do have on in March. Our speaker will be John, K6MM, who will give a presentation titled:

"Wake Island and The Forgotten 98"

The focus would be less on radios & antennas (used in the 2013 K9W dxpediton), and more on the historical role Wake played in WW II, including the Forgotten 98 civilians who were sacrificed during the war.

See you at the next meeting.

Go MLDXCC!

Bob W1RH

## **Next Meeting**

**Date:** Saturday January 25th

**Time:** 11:30 AM

**Location:** George's Country Café. 18700 CA-88, Lockeford, CA 95237, USA

### **Presentation:**

Steve, W1SRD, will be our presenter, talking about next month's VP8PJ dxpediton to South Orkney Island in the Antarctic. What's unique about this pre-dxpediton talk, is that Steve will play 9V1YC's professionally produced video featuring the 2011 VP8ORK dxpediton. Using the video as a guide, Steve will point out the similarities and differences in their 2020 dxpediton next month. Get the inside scoop by attending this great presentation.

## **MLDXCC Treasurer - K6SZQ**

### MLDXCC Treasurer's Report - 4th Quarter 2019

9/30/2019	Opening Balance		\$2,659.10
	Income		\$440.00
		2019 Dues	\$80.00
		2020 Dues	\$360.00
	Expenses		\$0.00
		None	
12/31/2019	Ending Balance		\$3,099.10

## **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](mailto: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

## **Contest Results**

The ARRL RTTY Roundup is over. How did you do? The NCCC got the required 51 logs to submit as an unlimited club.

## **Club Log Standings**

### **Overall**

1	N6JV	Norm Wilson	86
2	K6OK	James Varney	73
3	K6YK	John Lee	51

### **CW**

1	K6YK	John Lee	31
1	N6JV	Norm Wilson	14
3	W6/KH7Y	Fred Honnold	8

### **Phone**

1	NC6R	Steve Allred	22
2	WU6W	Richard Palio	3
3	K6YK	John Lee	3

### **Data**

1	N6JV	Norm Wilson	77
2	K6OK	James Varney	73
3	WU6W	Richard Palio	33

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

## **Member Reports**

New ones on 160: 4O4A, HS0ZEE, 7X7X, HB0WR & OE6IMD (#221)

New on 80: TT8SN (288)

New on 30: 7X7X (#336)

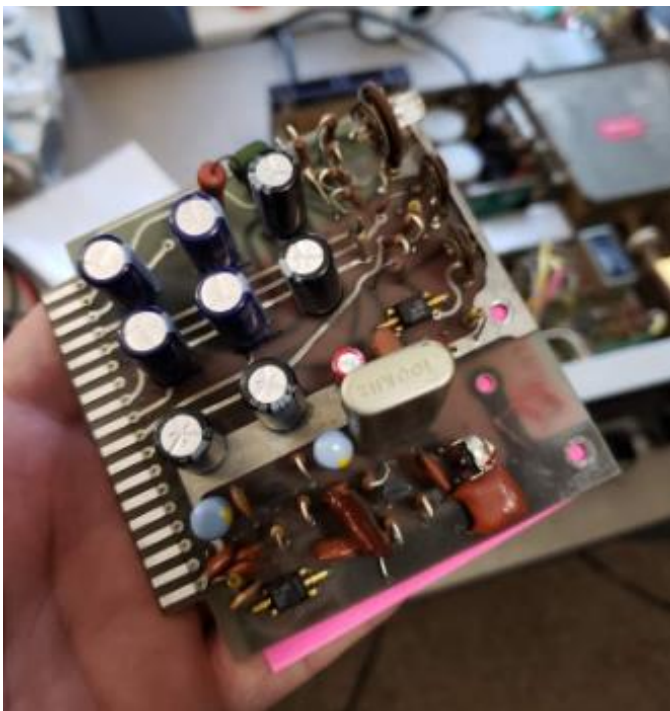
Norm - [N6JV@N6JV.com](mailto:N6JV@N6JV.com)

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**WE6Z's**      **Yaesu**      **FT-101**      **Project:**  
A friend of mine gave me some FT-101s to repair. It has been a long process, but I have managed to restore one of them to working condition. This involved replacing just about every single electrolytic capacitor. The cool thing about this series of radios is that the boards are removable. You just have to remove 2 screws and slide the cards out. After replacing all of the capacitors, I had to troubleshoot several different issues. The ALC didn't work correctly and the marker generator was intermittent. I was able to swap boards between radios in order to get one of them working. I had been working on them off and on over the last 2 years, but recently I decided to give it a full effort and finish one. It took about 3 weeks, working a couple hours a day. The alignment of the radio was the hardest part, as there are no less than 30 trimmer capacitors and slugs to tune. Finally after all that time I



was rewarded with a working FT-101E. It has been a lot of fun, and I have learned a lot.



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

(DXCC, WAS, VUCC, 160M)

Dennis King, N6KD

(WAS, VUCC)

## **Visalia contest dinner**

Hi all - I need to give up my role facilitating the Friday night contest dinner. Yes everything is okay, it's just time.

If you would like to take it over please contact me directly. I will of course provide everything you need to do it the way I've been doing it (if you want to do that) and any necessary

assistance along the way.

Your job would to contact the venue catering people and choose a menu. Then you collect funds from people who wish to attend. You also have to find a speaker which is actually not that difficult. They don't call us "hams" for nothing!

73 Jeff WK6I

## **Tube of the Month**

### **UX-226 & UY-227**

#### **The “money” tubes**

In 1927, RCA introduced a new tube. It was designated the UX-226. It was a standard looking tube, but it had a coated filament that was optimized to produce very low hum when run on AC power. The UX-226 (also C-326, 226 or 26) was a triode that could be used for any stage of a receiver except the detector. That same year, RCA announced the UY-227. The 227 had the same shape as the 226, but its filament was arranged to heat a cylinder which had metallic oxides plated on it. The filament was now called a “heater” and the cylinder or cathode was connected to a fifth pin in the base. The old filament was no longer the cause of hum and the new tube made an excellent detector.

**Photo 1: UX-226    Photo 2: Internal structure of the UY-227**



Battery sets were difficult to tune and the batteries could make a mess. What the consumer wanted, was a radio that would run off AC power and could be safely operated by a child. The tube and radio receiver companies finally had what they needed to mass produce inexpensive home entertainment. It was the “roaring 20s” and they wanted their profits to roar.

A good example of the type of radio that was mass produced was the Atwater-Kent Model 40 from 1928. The circuit was a TRF (Tuned RF) with three 26 tubes in the gang tuned RF stages, followed by the 27 detector and then a 26 and 171 as the audio tubes. The 171 was a beefed up 26 that would have higher output. Operation was easy. Turn on a switch and set the volume.

Everything enclosed in a metal box with no exposed wires. The extra output power made headphones un-necessary and the family could all listen to the radio at once. The Model 40 seems to have been a success as they made over a million units. They gave \$1,000,000 to President Herbert Hoover.

### Atwater-Kent Model 40



Visit the museum at [N6JV.com](http://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>

## **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.*

**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

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Need QSL cards, business cards, club banners?  
Contact Vina K6VNA [vina@sign-tek.com](mailto:vina@sign-tek.com)

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Dennis NJ6G has the following items for sale:  
Astron RS-50 Power Supply - \$95 OBO  
M2 RC2800 Rotator Controller - \$225  
Dennis, NJ6G [dennis@mail4life.net](mailto:dennis@mail4life.net)

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## 2020 Meeting Dates

January 25  
Feb  
March  
Apr  
May  
June  
July  
August  
September  
October  
November  
Dec

*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>

*Please contact the editor to have your club listed here.*

## **ARRL Pacific Division**

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Pacific Division Vice Director

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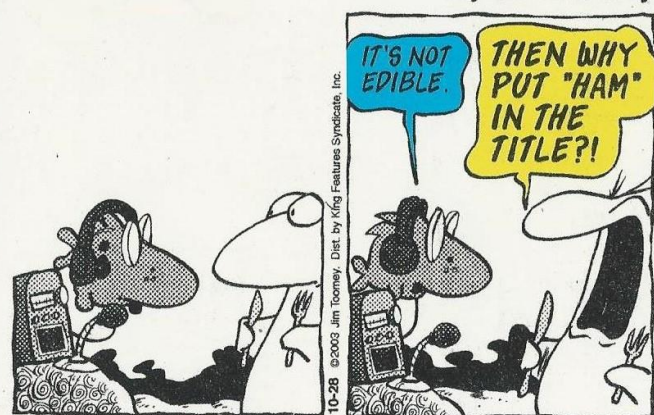
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## SHERMAN'S LAGOON



By J.P. Toomey



## The MLDXCC Newsletter

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