THE

NUGGET



Mother Lode DX/Contest Club

The Newsletter of the Mother Lode DX/Contest Club

December 2018

2019 Dues Reminder

Please pay your dues for 2019. Dues are \$20.00 individual/\$30.00 family and may be paid via PayPal to MotherLodeClub@gmail.com. Use the Friends and Family option.

Cash or Check - Give to a club officer at a meeting, or mail to Tyler Laursen K6TLR, 3141 Rushall Ct, Rancho Cordova, CA 95670

From the President NC6R

Greetings MLDXCC from NC6R.

I hope everybody had a great Thanksgiving. We've so much to be thankful for living here in the USA. I'd also like to thank everyone for your support and words of encouragement as I was voted in as the new president of MLDXCC. Also congratulations to W1RH Vice President, K6TLR treasurer, K6SZQ secretary and to board members WC6H, NJ6G and W6RD.

MLDXCC is a club of varied talents and interest with a vast array of knowledge and experience. It is my desire, with the board's blessing, to further utilize this knowledge pool to empower Volume 23 Number 12

New Members

Please welcome the following new members!

Tim Marek - K7XC

Silver Springs, NV

John Mitchell - W1RK

Calpine, CA

Daniel Miller - KD0WAP

Elk Grove, CA

our members. I am grateful to those of you who have spoken wisdom into my life thereby making me a better operator. For your time and patience I say "thank you".

Have you been keeping up with our Sweepstakes contest score? It looks like once again MLDXCC is well on our way to winning another gavel in the medium size club category. A big thanks to Bob W1RH who's done a great job being the log flogger; a very important job to ensure a max score is submitted without going over the total number of logs which is fifty, CW

& SSB combined. I also thought it interesting to see a healthy balance between our submitted CW & SSB scores as opposed to some of the other clubs. Nice job guys!

As I relayed to you during the November meeting, there's a TON of DX to work out there right now. Please remember to submit all your DX contacts for 2018 to CQ Marathon under Mother Lode/DX Contest Club. Last year we placed #5 in the world with just a small number of logs submitted. Could we be #1 this year? Like the little engine that thought he could, I think we can!

Keep an eye out for upcoming meeting dates and location as we work to fill in the calendar for the upcoming year. Announcements will be made through the MLDXCC website & reflector, Facebook page and the newsletter.

73 and good DX! Steve / NC6R

Sept 23 Meeting Minutes

General Meeting Minutes November 10, 2018

Country Café, Lockeford

Meeting was called to order at 12:25 p.m. by Dennis Moore, NJ6G. 31 members and 4 guests (one of whom applied and was approved as a member later in the meeting) were in attendance.

We went around the room and each member introduced themselves.

Elections - Nominations were opened once again. Steve Allred, NC6R nominated Rich Cutler, WC6H to be added to the list of director nominees. Steve Allred, NRCR moved to close nominations, Norm Wilson, N6JV seconded. Motion passed. Ballots were distributed, and collected. John Litz, NZ6Q, Annie Lewis, N6ACL

and Bob Officer, N6TCE were asked to count the ballots.

Dick Wilson, K6LRN moved to accept the minutes of the October meeting as published in the November newsletter. Rick Eversole, N6RNO seconded the motion which passed unanimously. Since our treasurer, Tyler Laursen, was present, he gave a brief report. October Expenses were primarily for CQP plaques, and income due to members paying dues. Current balance is \$2138.54. Tyler also reported that today's raffle brought in \$271.00. Steve Allred, NC6R moved to accept the Treasurer's report. Jim Singer, N6JS seconded the motion. It passed unanimously.

Members were reminded that the new dues

Next Meeting

January, TBA— Watch the reflector, our Facebook page, or the mldxcc.org website for updates!

We are always on the lookout for new places to hold our meetings, or for volunteers to help make arrangements. Please contact Bob Hess W1RH if you can help out! w1rh@yahoo.com

period is January 1 to December 31st. Dues for the coming year are \$20 per individual or \$30 for a family. Tyler reminded members that they can pay by Paypal to "motherlodeclub@gmail.com" using the "send to trusted friends" option so as not to incur fees. Tyler asked that when paying you put the call sign in the notes, and he will send a confirmation email for each paypal transaction.

Committee Reports:

Membership Committee - nothing to report Awards Committee - Rich Cutler, WC6H stated that they are working on determining the awards, which will be presented at the January meeting.

Old Business:

Dennis reminded all to remember to post their score for ARRL Sweepstakes CW to 3830scores.com. This site does not submit your score for the contest, but allows us to see how the club is doing compared to other clubs, and to determine which logs to submit for Sweepstakes. It was noted that about 25 logs have been turned in, approximately 6 more than last year. Since we are competing in the medium category, we need to keep total number of logs (CW AND Phone) to no more than 50.

New Business:

Bob Hess, W1RH had dropped of some bottles of wine that were awards for the 2017 CQP contest. Awarded were:

- Rich Cutler, W6CH 3rd place California
- Norm Wilson, N6JV 19th place California
- Fred Honnold, K6IJ 20th place California

New Member Applications

The following were proposed as new members and approved by the membership:

- KC7X Tim Marek
- W1RK John Mitchell
- KD0WAP Daniel Miller

Election Results

At this point in the meeting, the ballot counting was complete and results were announced. Dennis then turned over the meeting to newly elected president Steve Allred, NC6R.

Elected were:

- Steve Allred, NC6R President
- Bob Hess, W1RH Vice President
- Sue Allred, K6SZQ Secretary
- Tyler Laursen, K6TLR Treasurer
- Rich Cutler, WC6H Director
- Dennis Moore, NJ6G Director
- Chuck Tift, W6RD Director

Announcements

 ARRL Sweepstakes Phone Contest is coming up on November 17th. Members were reminded to PLEASE check with our log flogger, Bob Hess, W1RH <u>BEFORE</u> submitting their score, as we are trying to win the medium category and are limited to 50 logs total between CW and Phone.

- John Lee, K6YK was asked to briefly explain how the CQ Marathon competition works. All DX contacts made in 2018 count toward your personal marathon score. It also counts toward our Club Score. Last year we ranked 5th worldwide!
- Dave Engle, W6DE encouraged all those who worked the Ducie DXpedition to make a donation to the group. A show of hands indicated that a large majority made at least one contact, and many people made contact on several bands or modes.
- Steve Allred, NC6R noted that recently he has seen MLDXCC move up in the club standing on Clublog from 63rd to 60th. He encouraged all to update their clublog status.
- Rick Samoian, W6SR reminded the group that he is an ARRL card checker.

Recent club/member awards and DX bragging

- Norm Wilson, W6JV now has over 200 countries on 160 meters. Someone in the group asked Norm how he was doing on 6 meters;
 Norm believes that he has 116 contacts on that hand.
- Sue Allred, K6SZQ reported that she finally got a fire lit under her and since the last meeting, she has worked 86 all-time new countries and 39 new states (leaving just one for WAS).

Member Reports on Recent Contests/Events:

No reports.

Member Reports on New Equipment:

- Rich Cutler, WC6H just obtained a Yaesu FTDX5000 his first new radio in 20 years!
- Rick Samoian, W6SR just got a KPA500.

DX News:

• Steve announced that there is a lot of DX activity - current DX operations include Tanzania, Sri Lanka, Palestine, Madagascar, St. Lucia, Barbados, Bermuda, St. Kitts & Nevis, Christmas Island and the Virgin Islands.

- Additional countries that will have high DX activity before the January meeting include Guadeloupe, Micronesia, Minami Torishima, Tonga, Iran, Montserrat, Aruba, Sint Marten, Anguilla, Vietnam, Ogasawara, East Timor, Nicaragua, French Polynesia, East Kiribati, Senegal, Sierra Leone, Vanuatu and Rwanda.
- A good source of DX operations can be found at NG3K.com.

Next Meeting:

The January meeting will be determined by the new board - watch the reflector email, facebook page and web page for announcement as to date and location.

John Lee, K6YK moved to adjourn the meeting, and Bob Officer, N6TCE seconded the motion, which passed unanimously. Meeting was adjourned at 1:13 p.m.

In lieu of a presentation, the raffle was then held.

Respectfully submitted, Sue Allred, K6SZQ - Secretary

From the Treasurer K6TLR

Tyler's been busy paying the bills and will have the treasurer's report in the next newsletter.

Paying Dues:

The Dues period runs from Jan 1 to Dec 31. Beginning Jan 1st, 2019, dues are \$20.00 individual, \$30.00 family

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N2NS Bob Hervatine SK

Bob Hervatine N2NS, longtime member of NCCC and friend to many in MLDXCC, passed away Nov 30 2018 after a brief illness. Our condolences to his family and friends.

VP6D DXpedition

Submitted by intrepid adventurer and DXer extraordinaire Steve Dyer W1SRD

Conditions the first three days on the air were exceptional and the pileups massive. We finished off with 112,000 QSO's and 25,000 unique calls in the log!

It was great to work many MLDXCC'ers and to see how many made it in the log. It was a great trip. A lot of work, but a ton of fun. Looking forward to presenting to the club in an upcoming meeting.



Arrival at Ducie Friday October 19. We were greeted by a rainbow. It would rain frequently during the entire stay on the island. Picture courtesy of Dave, K3EL.



Sunrise on 10/28 showing the SSB camp antennas right on the beach at high tide. All are Vertical Dipole Array (VDA). 20m in the foreground. This is a north east facing beach so you can see why we had a great signal to the US and EU.

73, Steve W1SRD/VP6D

CQ Magazine Annual DX Marathon

PLEASE NOTE: 2018 Submission Deadline is January 5th, 2019

Starting January 1 of each year, the DX Marathon is the perfect answer for the DX-er who needs that extra incentive to get on the air every day! Simply work as many countries and CQ Zones as you can in each calendar year, regardless of the band or mode. Each country and zone counts only once, so you can concentrate on working new ones rather than working the same ones on multiple bands and modes. Many awards are given for the top overall scores in four classes plus top scores in modes, bands, US call areas and more! Details of the extensive award list are available here.

In 2017 Mother Lode DX/Contest Club placed 5th overall in the world. Let's try to improve on that this year!

The submission process can be a bit daunting as the logs need to be submitted on a spreadsheet. Please contact Steve NC6R or Dennis NJ6G for help in the conversion from ADIF to the spreadsheet.

Member Accomplishments

Submitted by Mike K7QDX

Finally applied for DXCC for Phone and Digital. Had it for a few months finally got around to apply for it. Quick turn around only about three to four days.

Last month I finally got 8 Band WAS. Been trying for this since I upgraded to general in 2012. However moving from Oregon to Arizona and then to California I always had to restart of course. This time I did it, with all FT8. Just about a year and half of work.

73 Mike K7QDX

New Member K7XC Introduction

As a new member I am very happy to be among other serious SS addicts! It was fun to once again have my score count for more than an attempt at a personal best.

I've been an NCCC member since 1986 after returning from activating A35WZ for the ARRL CW & SSB DX contests. I knew nobody when I went to Visalia that year. Wearing a "Tongan T Shirt" while having some lunch, Phil walked up to me pointing at the shirt saying "I been there! Hi I am Phil K6ZM" while firmly shaking my hand.

He then sat down while I finished lunch, talking for hours. Afterwards he took it upon himself to introduce me to everyone there, suggest they make me a member, & after as short impromptu meeting I was voted in followed by the many handshakes & a round of beer. Its been a whole lot of fun as well as one hell of a education in Contesting. I earned the Rookie of the Year award that year and in less than 18 months earned 5 million point award #8 by entering 47 contests in 16 months!

Over time the clubs interest in SS petered out while mine just got more and more committed to doing the best I could in my favorite domestic event. Finally in 2012 I placed #3 and #8 in the CW & SSB SO AB Unlimited LP events earning the coveted WOOD Plaques! Never forget the surprise when they arrived in the mail!

After a short stint in N TX between 2013 to early 2015 we came back to N NV but this time to a 2 bedroom rental in the country on 5 acres in Silver Springs, NV. Having left almost all the station aluminum behind in a friends backyard was a godsend as all the mono-banders for 14 -

Dits and Dahs

Dave K6TQ is looking forward to getting his new ACOM A1200S amplifier on the air. Merry Christmas Dave!

N6JV worked VP8WOS for 6 meter #117 and WAC on EME.

Do you have something you'd like to see here in Dits and Dahs? License upgrade? Call sign change? New equipment? Send it to the editor!

432 MHz were in there along w/hundreds of feet raw aluminum tubing & Mil Surplus Heavy Wall Stack-able Antenna Mast. Once reestablished in Nevada an old friend, Tim - NS9E, noticed I needed something substantial to hold up the 20M Mono-bander and surprised me with a gift of the AB-577 Mil Surplus Portable Tower system I had forgotten that I sold to him 15 years earlier. Thank You Timba!

Currently QRV after 3 yrs of long solo hours slowly rebuilding everything, one step at a time. (Permanently Disabled after a bad car crash in 2008) I walk with a cane, live with horrid 24/7 Neck/Back pain and run out of energy much faster than before. The medication I am on helps to cope with the pain but does often befuddles the brain & makes thinking like "Concentrating thru a fog" often not finding the thought I was looking for. Even so, I haven't given up on Contesting/DXing but now take alot more breaks than beforehand often have to punt once I reach my endurance level.

The current station configuration is as follows:

Flex3000 – Primary HF/6M transceiver (Loaned to me by K5HK, TY TY Carl!)

IC746 - 6M/2M - HF Backup (Very well used, bought in the 90s when new)

IC706mkIIg - 432MHz - HF/6M/2M Backup (Also very old & has some issues)

Century 21 (Currently being refurbished. One of the rigs from my Novice days)

AL80B 800W 160M - 10M Single 3-500Z Amplifier (Very Stable & Hard To Kill) Pair Harris 400W Solid State Amps, will be 800W 6M Amp (Work In Progress)

Single 200W Solid State Module for 2M (Work In Progress)

Single 200W Solid State Module for 222MHz (No Ant/Xcvr at this time)

Single Solid State 200W Mil Surplus Module for 432MHz

Timewave ANC-4 Noise Canceler worth is weight in gold!

Various 12V, 28V, & 48V High Current DC Supplies

HP SFF Compaq Elite 8100 I-5 Biz PC running Win7 Pro

Antennas:

160M Inv L up 28ft & 175 feet total length with 4 full size radials.

80M/40M Dual Band Fan Inverted Vee at 38ft.

30M 1/4wave Vertical up 4ft with 5 elevated radials.

20M 3ele Homebrew K7XC Yagi @ 43ft atop 40ft of AB-577 il Surplus Tower.

17M 1/4wave Vertical w/2 alum radials at 30ft on Tower Trailer above 10M yagi.

15M 3ele Homebrew DK7ZB Yagi atop 28ft Alum mil mast turned at base.

12M sloping dipole with top at 22ft mounted on VHF/10M tower trailer.

10M 4ele Homebrew DK7ZB yagi at 26ft on VHF Tower Trailer.

6M 6ele Homoebrew DK7ZB yagi at 22ft on VHF Tower Trailer

2M 16ele M2 yagi, 18 ele before it fell and broke in 2, fed with 7/8 air line.

432 27ele 9WL K1FO yagi fed W/ 1/2 Heliax. Making a clone & then putting up as pair for 432 EME.

1296 plan to Borrow a pair of 1296 loopers put on 432 H-Frame for 1296 EME.

In Work are 540ft,160M Beverages Rcv Ants to cover EU, AS, and SA.

HAM IV rotors turn all the yagis, w/ a few spares ready in case of failure.

Need one more 160M LOTW QSL (99 Worked) & finally earn 9 Band DXCC!

30 grids left for the 6M FFMA award (488 grids in contiguous US - Very Hard)

6M WAS, WAC, & VUCC (465 Grids), 29 DXCC on LOTW, 43 Worked.

2M VUCC 145 Grids 33 States (AK/HI) 35 DX wrkd (Tropo, MS, Es, AU, EME)

222MHz VUCC 55 Grids 10 States 2 DXCC Worked (Tropo, MS, Aurora)

432MHz VUCC 59 Grids 16 States18 DXCC Worked (Tropo, MS, Aurora, EME)

So that should help tell the troops what I am about, have done, and will continue to pursue with as passion, DXing and Contesting from 1.8 to 432 MHz.

KB!

73s de Tim - K7XC - DM09jh... sk

N6RNO On the Move

Submitted by Rick Eversole N6RNO W6SR

N6RNO has a new property in the heart of MLDXCC territory. His new QTH will be in Mountain Ranch (Former AA6G property). Rhino will be spending most weekends at the new QTH starting mid-March when Chuck AA6G finally moves out.

Chuck may benefit from help removing existing antennas in late February. Rhino will let us know if any antenna party help is needed.

Approximately 2500 ft asl with views in all directions. HFTA says it's about 1 extra element on 6m through 40m.

Image shows existing 55 and 75 ft towers at 2560 asl at top of hill in the "red zone" to the west of the house.



Rough sketch of proposed beverages for planning purposes.

Second image: View of the QTH from above of actual house.



N6RNO

Lockeford Meeting

Submitted by Norm N6JV









Club Log Standings

Overall

1	N6JV	Norm Wilson	257		
2	K6YK	John Lee	221		
3	NJ6G	Dennis Moore	194		
CW					
1	N6JV	Norm Wilson	215		
2	K6YK	John Lee	209		
3	N6WM	Chris Tate	158		
Phone					
1	NC6R	Steve Allred	170		
2	NJ6G	Dennis Moore	121		
3	K6YK	John Lee	120		
Data					

1	K7QDX	Michael Steiner	175
2	N6JV	Norm Wilson	144
3	NJ6G	Dennis Moore	131

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

MLDXCC Website update

Norm, N6JV would like to update the "member's stations" section of our website. Many of the pics are old and outdated, and many of us have moved. So please send Norm a photo of your smiley face at your station, as well a photo of your antenna system. Let's get our website current.

Tube of the Month N6JV

The 3-1000A/H

The 4-1000A has been around since the late 1940's. It was a very popular tube for FM broadcasting and many transmitters and industrial heating units. With large numbers of "time pulls" available to hams, the 4-1000A was a common final in many DX/contest stations. Having a "California kilowatt" wasn't enough for several low banders and the "Nevada kilowatt" with a pair of 4-1000A was not uncommon. The 4-1000A could be wired as a triode, but needed extra drive.

Prices for the used tubes were low and few hams bought new tubes. In 1974, the list price was \$135. The popularity of the zero bias 3-500Z prompted EIMAC to make a giant 3-500Z called the 3-1000A. With a mu of 200, it was the ideal high power tube for the ham with its reduced driving power and a 1974 price of \$105. It is difficult to say why it never caught on. I think

hams tend to be cheap (especially me) and the 4-1000A was still less expensive. The popularity of all glass tubes diminished with time.

EIMAC made several versions of both tubes for pulse modulation and industrial heating. The 3-1000H was made with a mu of 25 for use in heating.





Visit the museum at N6JV.com

MLDXCC Focus Contests

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

ARRL DX Phone*

ARRL DX CW*

ARRL 10M*

ARRL 160M*

ARRL November Sweepstakes

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

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

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

ARRL Awards Checkers

Ken Anderson, K6TA (DXCC, WAS, VUCC, 160M)

Rick Samoian, W6SR (DXCC, WAS, VUCC, 160M)

Dennis King, N6KD (WAS, VUCC)

The NOAA Solar Update

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

http://www.swpc.noaa.gov/products/weeklyhighlights-and-27-day-forecast

UPCOMING Events

Lodi ARC Christmas Party – Dec 6

ARRL 10M Contest - Dec 8-9

Stockton Delta ARC Christmas Party – Dec 13

NCCC Christmas Party – Dec 15

ARRL Rookie RU CW - Dec 16

ARRL RTTY RU - Jan 5-6

CQ Marathon Logs Due - Jan 5

NAQP CW - Jan 12-13

NAQP SSB - Jan 19-20

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

http://www.contestcalendar.com/contestcal.ht ml

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.

Dennis NJ6G has the following items for sale: Astron RS-50 Power Supply - \$95 OBO M2 RC2800 Rotator Controller - \$225 Dennis, NJ6G <u>dennis@mail4life.net</u>

New! "The Serial Box" (S-BOX) 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

From Tom K5RC

Giving the Clubs first dibs on:

Array Solutions Custom 4-Yagi Stack Match for 15M plus Controller

Array Solutions Custom 4-Yagi Stack Match for 10M plus Controller

DX Engineering RR8-HP 8 Position Coax Switch and Controller

See http://www.w7rn.com/for-sale-10-2018/ for details and photos

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

From Bob N6TV

I have two Alpha 87A amplifiers for sale, both in perfect working condition. I believe this amplifier is one of the finest that Alpha ever made, especially for fully silent QSK CW.

I am the original owner of the first, purchased new. It has the original Eimac 3CX800 tubes, only driven by a little old contester on weekends (used a few times a year). Treated with kid gloves for its entire lifetime. \$2,800 plus shipping.

The second I acquired used / refurbished from RF Concepts over six years ago (someone traded it in for a 9500). This 87A has the Alpha Max auto-tuning option installed. It also has a new blower, which was professionally installed by RF Concepts exactly 5 years ago. \$2,900 plus shipping.

Both amps are very clean, in perfect working condition, and put out full power on all bands with 45-55W drive. Both have exclusively been used in a non-smoking home, with no pets.

I am happy to hand-deliver either or both to the SF Bay Area to save shipping costs. I can also bring them to the NCCC Meeting in Sunnyvale, Tuesday Oct. 9th, if you let me know in advance.

73, Bob, N6TV

2019 Meeting Dates

To be announced

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

<u> Area Clubs</u>

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

Pacific Division Director
Jim Tiemstra K6JAT
k6jat@aol.com

Pacific Division Vice Director Kristen McIntyre K6WX kristen@alum.mit.edu

East Bay Section Manager
Jim Siemons, W6LK
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Nevada Section Manager John Bigley, N7UR n7ur@arrl.org

Pacific Section Manager Joe Speroni, AHOA ahOa@arrl.org San Francisco Section Manager Bill Hillendahl, KH6GJV kh6gjv@arrl.org

Santa Clara Valley Section Manager Brandon Bianchi, NI6C ni6c@arrl.org

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

San Joaquin Valley Section Manager Dan Pruitt, AE6SX ae6sx@arrl.org

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Director, Chuck Tifft, W6RD w6rd@arrl.net

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The MLDXCC NEWSLETTER

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