

THE NUGGET



The Newsletter of the Mother Lode DX/Contest Club

September 2018

Volume 23 Number 9

From the President NJ6G

We held a lively meeting August 25th at Richmaid Restaurant in Lodi. I like this place because the staff is attentive, we can order off the entire menu, there is lots of seating available for the club, and it works well when presenting to a screen. If you haven't been there, give them a try. The most conversation came around the great number of DX stations available to work on FT8, and club competition in the upcoming California QSO Party.

Regarding CQP, we discussed but did not yet de-

cide on which category we should be entering (small, medium, or large). We need to decide that at our next meeting, and in order to do that we need your feedback. Please see my CQP section later in this newsletter.

We've got a busy few months ahead of us on the contest scene, but let's not forget DX. Two of our club members, Steve W1SRD and Chris N6WM will be headed to Ducie Island in October as part of the VP6D team. Ducie Island is 19th on the Most Wanted list so be sure to work them.

Even though our club does not sponsor individual DXpeditions, it would be great if we could take up a collection on behalf of the club to help support the VP6D effort. I'm just so proud to see our members take part in DXpeditions.

You'll notice a new section in this newsletter, Club Log Standings. We encourage all of you to upload to Club Log, as it promotes healthy competition within the club and is a useful tool to see what other countries our members have been working. When I came up with the idea to include this new section it drove me to get on

Next Meeting

Next meeting is September 15, 2018
11:30 AM – Rich Cutler WC6H QTH
4737 Circle Hill Dr
Valley Springs, CA 95252
Potluck!

Main topic will be the upcoming CQP.

We are always on the lookout for new places to hold our meetings, or for volunteers to help make arrangements. Please contact the Activities Chair, Vina K6VNA if you can help

the air and work more DX. Who knows, you might have the log to beat all contenders but if you don't upload we'll never know! Standings are based on the top three call signs in each of the four categories (no mode filter, cw, phone, data). These standing are also used in January to determine some of our awards, so get those logs in!

The next meeting is September 15th at 11:30 AM at the QTH of Rich Cutler WC6H. This will be a potluck, so bring something to share. If you haven't seen Rich's station or had the opportunity to operate from his prime tower-laden hilltop, this could be your chance. We will also be voting in some new members!

73, Dennis NJ6G

Secretary Report

General Meeting Minutes
August 25, 2018
Richmaid Restaurant, Lodi

Meeting was called to order at 12:26 p.m. by Dennis Moore, NJ6G. 12 members and 1 guest were in attendance (the guest was voted in as a member later in the meeting).

We went around the room and each member introduced themselves.

Norm Wilson, N6JV moved to accept the minutes of the January meeting as published in the July newsletter. Rich Cutler, WC6H seconded the motion which passed unanimously. Steve Allred, NC6R moved to accept the June Treasurer's report as published in the July newsletter. John Kozusko, WD6EIW seconded the motion. It passed unanimously. There was no July report at this time.

New Members

Please welcome the following new member!

Michael Hislop - KI6MTV
Shingle Springs, CA

The regular dues reminder was given.

Committee Reports:

There were no committee reports.

Old Business:

There was no old business.

New Business:

Dennis stated that Office nominations will be taken at the October 13th meeting. He stated that his term will be up and encouraged members to consider serving on the board.

Dennis announced that there will be a new section in the Nugget newsletter with the top 3 in the Club Log standings in various categories. He stated that the purpose was to get members to upload their logs on a regular basis

Dennis announced that we will be having an informational booth at Pacificon this year. He encouraged anyone who was is interested in spending a shift in the booth to contact him.

There have been some changes to ARRL contests. Certificates will not be mailed out but are available online for members to print for themselves. Log submission has been extended from 5 days to seven days, beginning with the 2018 ARRL Sweepstakes contest. There will also be a peer review eligibility list.

There was some discussion regarding the upcoming CQP contest. Dennis stated the we had won the contest every year for a number of years. Last year with the rules changes, we decided to compete in the medium size club category. We came in second to the Southern Cali-

fornia Contest Club. They had 35 logs and we had 51 (but only 35 logs counted in the medium category). If we would have been in the large size club category, we would have won, and would have beaten SCCC, as all logs counted in that category.

Dennis stated that there were 36 County records set in 2017 - MLDXCC members claimed 9 of those (Calaveras, Contra Costa, Del Norte, El Dorado, Lake, Mariposa, Merced, Nevada and Plumas Counties). He suggested that we should consider entering the large size club category this year. Members suggested, due to low turnout at this meeting, to send out a notice via the reflector to query member participation intentions in order to better decide how to enter. We will then decide at the next meeting.

Recent club/member awards and DX bragging

- Jerry Olive, KD6WKY mentioned that he had heard Steve Allred NC6R talk about his success with FTB at the last meeting and since then has started using the mode and has already achieved Worked All States Digital Mode.
- Doug Phillips, WE6Z was able to contact Oman
- Steve Allred, NC6R shared getting a QSL card from Egypt, which is Zone 34. This was the last zone he needed for Worked All Zones, he has applied and the award is in process.
- Dennis Moore, NJ6G reported 5 All-time New Ones. He also showed his letter of the acceptance of his article for an upcoming issue of QST magazine, which will be published sometime in the next year.
- Norm Wilson, N6JV noted that he has confirmed 791 grids on 6 meters and currently has confirmed 5445 prefixes on CW.
-

Member Reports on Recent Contests/Events:

- Rich Cutler, WC6H noted that he was able to contact Arizona.
- Steve Allred, NC6R reported that he worked the contest for a short period of time and made 107 contacts, which included 38 states.

Member Reports on New Equipment:

- Steve Allred, NC6R that he has a new Alpha A7A.
- Dennis Moore, NJ6G indicated that he obtained a KX3 and a PX3.

New Member Applications

The following was proposed as a new member and approved by the membership:

- KI6MTV – Michael Hislop (who was in attendance).

Upcoming Events:

- ARRL September VHF Contest – September 8th
- CQWW RTTY Contest - September 29th
- California QSO Party – October 6th
- Pacificon 2018 - October 19th – 21st will be at the San Ramon Marriott
- We will be collecting cards for the Outgoing Bureau at the October 13th meeting.

DX News:

- Dennis stated the next DXpedition will be VP6D October 20th through November 3rd to Ducie Island. Two MLDXCC members – Steve Dyer W1SRD and Chris Tate N6WM will be team members.

Next Meeting:

Will be held September 15th, location to be announced.

Jerry Olive, KD6WKY moved to adjourn the meeting, and Doug Phillips WW6Z seconded the motion, which passed unanimously. Meeting was adjourned at 1:21 p.m. There was no program.

Respectfully submitted,

Sue Allred, K6SZQ - Secretary

From the Treasurer K6TLR

Tyler's been busy paying the bills and traveling for work so will have the Treasurer's Report available for the next newsletter.

Paying Dues:

The Dues period runs from Jan 1 to Dec 31. This is a change from last year. If you paid dues through 6/30/2018, those dues have been extended through the end of this year.

Paypal – Send to:MotherLodeClub@gmail.com. use the Friends and Family option.

Dits and Dahs

Steve NC6R Received a QSL card from Egypt confirming Zone 34, his last zone needed for the WAZ award. Way to go Steve!

Dennis NJ6G contacted Macquarie Island on FT8 for his 200th LoTW confirmed entity.

Steve NC6R picked up an Alpha 87A. At night you can see the hills glowing around his house.

Sue K6SZQ and Doug WE6Z both report new contacts with Oman. That took some effort!

Dennis NJ6G completed 15M WAS with an FT8 contact into Oregon. Just needs eight 10M contacts for 5BWAS.

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!

Cash or Check - Given to a club officer at a meeting. Or mail to K6TLR, 3141 Rushall Ct, Rancho Cordova, CA 95670

W1RH DX Report

Submitted by Bob Hess W1RH

Thanks to W6SR and LOTW, I've caught up on a bunch of QSL's and my DXCC status.

In the past couple of weeks, I now have a confirmed DXCC entity count of 326, with 330 worked. I got the certificate for 300 DXCC entities last week.

I also got certificates for 5-Band DXCC, CW DXCC, and Phone DXCC.

I noticed that my digital count is sitting at 92. I have the cards to bring it up to 100, but didn't even think to do that.

Now, I need to work the remaining few:

Bouvet Island
Cocos (Keeling) Island
Crozet Island
North Korea
Glorioso Island
Kerguelen Island
Macquarie Island
Pratas Island
Somalia
Temotu

And, I need to get the following confirmed:

Monaco
Tajikistan
Trindade
Turkmenistan

For someone who has never considered myself a DX'er, I find it hard to believe that I've made it this far. There were many DXCC entities that I never bothered to confirm. Thanks to LOTW, a lot of them ended up confirmed!

N6JV Mooncam

Submitted by Norm Wilson N6JV

This photo is from a dash cam mounted on the 7 element LFA antenna used for EME. The camera has IR so can see the moon even with smoke or light cloud cover. The camera has allowed me to measure the voltage used to calibrate the vertical angle. The azimuth is measured with the G-800 rotor indicator. Direction can be accurate to within a degree or so for AZ and EL when the moon isn't visible. This is plenty of accuracy for EME work. The photo is from 25 feet looking over the second stories of the house and garage aimed due East.



CQP Feedback Requested

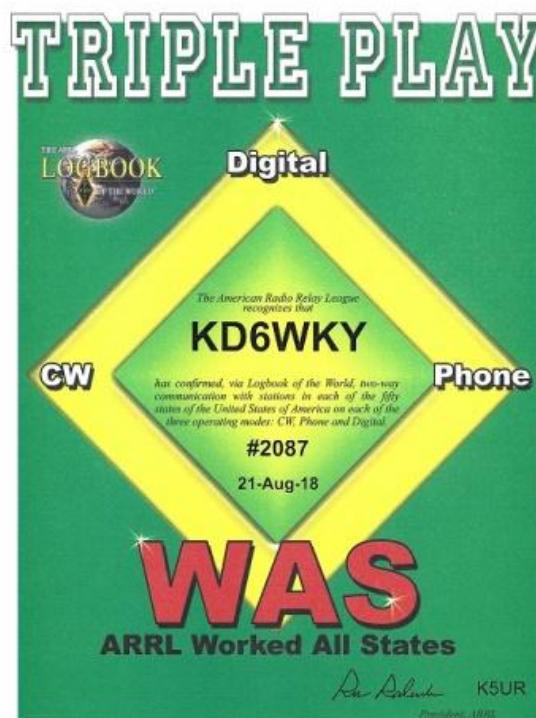
We need your help in determining which category we will be entering in the 2018 California QSO Party.

If you haven't done so yet, please email NJ6G at dennis@mail4life.net and let me know of your plans, and thoughts of what category we should be shooting for.

Last year we lost out to the Southern California Contest Club in the Medium category. I think they intentionally selected that category because they knew they couldn't muster a large effort. Meanwhile, we DID muster a large effort but entered into the medium category. They managed 34 logs, we managed 51, 17 more than SCCC. If we had both entered the large category we would have beat them handily. This year they may mount a large club effort, it's hard to say. I know we CAN manage a large club effort.

KD6WKY ARRL Triple Play

Submitted by Jerry Olive WD6KDY



ARRL News

Islands on the Air Seeking Proposed Additions to List of Valid Island Groups
08/31/2018

The Island on the Air (**IOTA**) program is reviewing its list of valid island groups, as it typically does every 5 years.

“This time, IOTA management has decided to bring forward the review to give a chance for any new groups announced to be activated in 2019, the target year,” said Roger Balister, G3KMA, in an August 31 announcement. He continued, “The review process is scheduled to start with an announcement of some additions at this year's [Radio Society of Great Britain] Convention, and may possibly finish with a top-up at next year's Friedrichshafen HAM Radio event.”

Balister told IOTA enthusiasts that he anticipates only five to ten new groups to be proposed, adding that additions to the Europe list are unlikely because the continent “is already generously covered.”

Only proposals that meet the criteria at Sections B and C of the **IOTA Programme Structure** chapter (2018 *Directory*) will be considered. **Submit** proposals for consideration to Balister by October 1, with a *brief* justification in terms of the program criteria. — *Thanks to Roger Balister, G3KMA, via IOTA*

FCC Launches “More than Seven Dirty Words” Podcast

08/28/2018

[UPDATED and CORRECTED 2018-08-29 @ 1350 UTC] The FCC has launched a new podcast series, ***More Than Seven Dirty Words***, that will feature interviews with FCC officials and staff in addition to others in the communications arena. The podcast aims “to share untold stories, explain important policy issues, and maybe even do the impossible — make telecom interesting,” the FCC said in announcing the new media outlet.

“One of the wonderful things about the digital age is the many ways to share information, so we’re excited to launch this new FCC podcast,” said FCC Chairman Ajit Pai, who shares some banter in a brief introductory segment with program host, FCC Policy Advisor Evan Swartztrauber. Guests will share their personal stories behind FCC news headlines and break down various telecommunications-related issues. The podcast’s title is drawn from the first episode’s introductory discussion, which touches on the court fight over George Carlin’s “Seven Dirty

Club Log Standings

Overall

1	N6JV	Norm Wilson	237
2	K6YK	John Lee	199
3	K7QDX	Michael Steiner	164

CW

1	N6JV	Norm Wilson	192
2	K6YK	John Lee	189
3	NA6O	Gary Johnson	131

Phone

1	NC6R	Steve Allred	154
2	K6YK	John Lee	105
3	NJ6G	Dennis Moore	103

Data

1	K7QDX	Michael Steiner	149
2	NJ6G	Dennis Moore	108
3	N6JV	Norm Wilson	106

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

Words” and the fallout from the 2004 Super Bowl halftime show.

The first podcast, “**Puerto Rico se Levanta**” runs 22 minutes and focuses on the FCC’s response to the 2017 Puerto Rico hurricane disaster.

Episodes will be available at **fcc.gov**, as well as on iTunes, and Google Play.

FCC Sticks by Prescribed Page Limit in Denying Request in Radio Amateur’s Appeal 08/27/2018

In an August 24 **Order**, the FCC denied a request by William F. Crowell, W6WBJ (ex-N6AYH) of Diamond Springs, California, for permission to file an appeal that would exceed the page length prescribed by FCC rules.

“We find that Crowell has not shown good cause for exceeding the prescribed page limit,” said the **Order**, signed by Linda L. Oliver, Chief of the Administrative Law Division in the FCC Office of General Counsel. “Crowell’s request indicates that he intends to appeal the order by Chief Administrative Law Judge (ALJ) Richard L. Sippel **dismissing his renewal application** for Amateur Radio license W6WBJ and terminating the proceeding. Under the Commission’s rules, appeals of an ALJ’s dismissal order are limited to 25 pages.”

Crowell explained in his July 30 request that his appeal “involves approximately 16 important issues of Constitutional, statutory, and regulatory interpretation applicable to the Amateur Radio Service, which have never been decided by the Commission or by the courts.” He argued that 25 pages would be insufficient and asked for an additional 10 pages.

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!

According to the **Order**, under FCC rules, requests to exceed prescribed page limits are not routinely granted. “Our examination of the ALJ’s brief, six-page **Order**, which Crowell seeks to appeal, does not suggest that the issues involved here are unusually complex,” Oliver said. “His conclusory assertions to the contrary do not persuade us otherwise.”

In a July 9 **Order**, Sippel terminated Crowell’s decade-old license renewal application upon a motion by Enforcement Bureau Chief Rosemary C. Harold. Sippel’s **Order** followed Crowell’s refusal to appear in Washington, DC, for a hearing to consider not just his license renewal but related enforcement issues dating back 15 years or more.

Crowell was fined \$25,000 in 2016 for intentionally interfering with the transmissions of other radio amateurs and transmitting prohibited

communications, including music. The FCC said Crowell did not deny making the transmissions but argued, in large part, that those transmissions were protected by the First Amendment of the Constitution. The FCC turned away that assertion.

Sippel stayed the renewal case on the basis of the pending *Forfeiture Order* proceeding, but said he was later informed that the US Department of Justice had decided not to prosecute the case.

Crowell may continue to operate until the final disposition of his license renewal application. His license expired in 2007.

New ARRL Chief Executive Officer Elected by Board of Directors

08/27/2018

The ARRL Board of Directors has elected Howard E. Michel, WB2ITX, of Dartmouth, Massachu-

setts, to be ARRL's new Chief Executive Officer, starting on October 15. Michel (his name rhymes with "nickel") is currently Chief Technology Officer at UBTECH Education, and Senior Vice President of UBTECH Robotics, a \$5 billion Shenzhen, China, artificial intelligence and robotics company. As the Chief Technology Officer at UBTECH Education, Michel helped build this company from a startup in China to \$100 million in valuation.

"I have Amateur Radio to thank for starting me on a very successful career, and I'm excited about the opportunity to further ARRL's goals as CEO. Leading the League will allow me to 'give back' to a great community and provide similar opportunity for future generations," Michel said. "I have been a licensed ham for 50 years, and I've seen many changes in the hobby. One of my top priorities as CEO will be to develop new products and services so all licensed hams, whatever their license class or interest, find value in League membership," he added.

Michel was first licensed as WN2ITX when he was about 16 years old and upgraded to General and Advanced within a year. He earned his Amateur Extra-class license in 2000. He notes that he has always had a strong interest in building and repairing radio equipment. "I've operated CW/AM/FM/SSB/digital on 80/40/20/15/10/2 on equipment that I have either built, repaired, or modified."

ARRL President Rick Roderick, K5UR, said, "We are excited to have someone of Howard's qualifications to lead this organization. Howard's management experience, along with his experience at leading a membership-driven associa-

2018 MLDXCC Meeting Dates

January 27
February - None
March 10
April - none (Visalia)
May 12 – *Canceled*
June 16
July 28
Aug 25
Sep 15
October 13
November 10
December - 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.

tion, makes him an ideal person to move this organization forward.”

In 2015, Michel was the volunteer president and CEO of the Institute of Electrical and Electronics Engineers (IEEE), a volunteer-led IRS 501(c)(3) association advancing technology.

“In any large membership-led organization such as ARRL, its members and volunteers are its greatest asset, and a good staff-volunteer relationship is crucial to its success,” Michel said. “I intend to build on this relationship and multiply and amplify the efforts of both staff and volunteers in furthering ARRL’s goals to advance the art, science, and enjoyment of Amateur Radio.”

Michel is a retired US Air Force officer, having served as a pilot, satellite launch director, engineer, and engineering manager, including a tour in the People’s Republic of China where he served as a senior US government technical representative enforcing technology-transfer control plans and procedures during two satellite launch operations.

He notes that during his time in the military, wherever he could set up an antenna, he took the opportunity to operate.

Michel earned his bachelor’s degree in electronic engineering from New Jersey Institute of Technology, a master’s degree in electronic and computer engineering from the University of Massachusetts, and a master’s degree in systems management from the University of Southern California. He holds a PhD in computer science and engineering from Wright State University.

His noteworthy academic background further includes current service as a visiting professor in

the Department of Electrical and Electronic Engineering Science at the University of Johannesburg in South Africa. Previously, he was on the faculty of the University of Massachusetts Dartmouth and of the University of Dayton.

Michel says that some of his favorite activities include attending hamfests to find old stuff to repair or repurpose, contest operating, and DXing, especially on 80/40 meters. He adds that he is a Life Member of the Southeastern Massachusetts Amateur Radio Association.

Michel will succeed Barry J. Shelley, N1VXY, who had been serving as ARRL’s CEO since January of 2018 following the resignation of Tom Gallagher, NY2RF. Shelley had been ARRL’s Chief Financial Officer since January of 1992.

ARRL Announces Director, Vice Director Candidates for Fall Election

08/23/2018

The ARRL Board of Directors’ Ethics and Elections Committee has declared as eligible the candidates for the 2018 Board election cycle. Incumbent Directors in four ARRL Divisions face challengers, as does one Vice Director. Both chairs are open in the Northwestern Division.

- **In the Central Division**, Incumbent Director Kermit Carlson, W9XA, is being challenged for the seat by Valerie Hotzfeld, NV9L. Vice Director Carl Luetzelschwab, K9LA, is unopposed for re-election.
- **In the Hudson Division**, Director Mike Lisenco, N2YBB, faces a challenge from Ria Jairam, N2RJ. Vice Director Bill Hudzik, W2UDT, is unopposed for re-election.
- **In the New England Division**, Director Tom Frenaye, K1KI, is being challenged for re-election by Fred Hopengarten, K1VR. Vice

Director Mike Raisbeck, K1TWF, has no opposition for re-election.

- In the Roanoke Division, the incumbent Director and Vice Director face challengers. Director James Boehner, N2ZZ, is being opposed for re-election by George Hippisley, W2RU, while incumbent Vice Director Bill Morine, N2COP, will be facing off against John Humphrey, W4IM, to retain his seat.
- In the Northwestern Division, both the Director's and Vice Director's chairs are up for grabs, as incumbent Jim Pace, K7CEX, has opted not to seek a new term on the Board. Incumbent Vice Director Bonnie Altus, AB7ZQ, is in a three-way race for the Director's seat. The other two candidates are Horace Hamby, N7DRW, and Mike Ritz, W7VO. A three-way race also exists for the Vice Director's seat that Altus is vacating in order to run for Director. The candidates are Delvin Bunton, NS7U; Daniel Stevens, KL7WM, and Mark Tharp, KB7HDX.

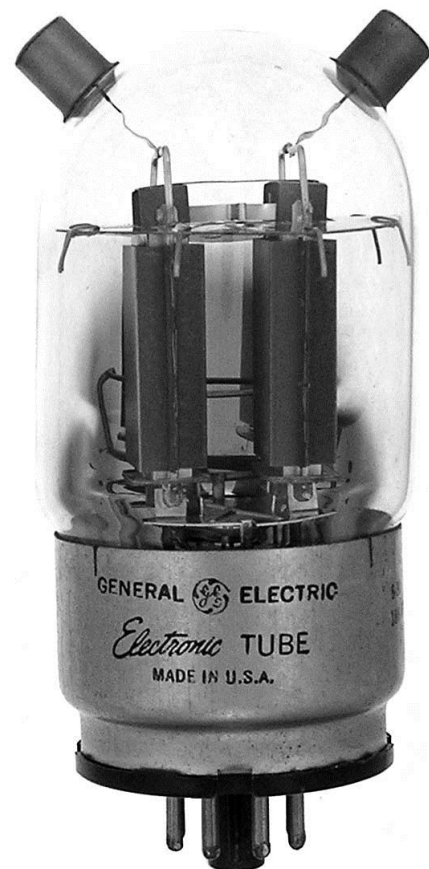
Tube of the Month N6JV

815

During WWII, the popular 829A and 832A twin tetrodes were produced in large numbers, but there was a need for a similar tube that could be used in place of these expensive tubes. The all-glass tubes were very versatile, but were relatively expensive to make and they required a special socket. The 815 was made without any special glass work and could use the standard 8 pin socket that would only cost a few cents. WWII was expensive!

The 815 had a maximum input of 75 watts at 150 MHz so could be used in the low power stages of early VHF equipment. They were made

by several manufacturers and were on the military's preferred list (VT-287). After the war, they hit the surplus market along with the much prettier 829A/B and 832A tubes. The prices for all these tubes were very low and the all-glass tubes won the popularity contest. The base of the 815 had a very thin metal skirt around it that was glued on. I think it may have been an attempt to add shielding. After a few years of heat cycling, the thin metal started splitting in several places which didn't help the tube's popularity. It may have been the inspiration for the droids from Star Wars.



Visit the museum at N6JV.com

Norm N6JV

MLDXCC Website update

Norm, N6JV would like to up-date 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.

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 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 will 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/weekly-highlights-and-27-day-forecast>

UPCOMING Events

Lodi ARC Monthly Meeting – Sept 6

ARRL Sept VHF Contest – Sept 8

SDARC Monthly Meeting – Sep 13

MLDXCC Monthly Meeting – Sep 15

CQ WW RTTY Contest – Sept 29

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

<http://www.contestcalendar.com/contestcalendar.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>

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

SDRplay RSP1 – New in box - \$80

Dennis, NJ6G dennis@mail4life.net

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 Doug WE6Z

I am looking for a tower. My first choice would be a 55 to 75 foot free standing crank up tower. My second choice would be Rohn 45. I'm wanting to put a tribander, rotatable dipole, VHF long boom yagi and VHF/UHF vertical on it. Let me know if you have anything like that for sale.

Contact we6z@hotmail.com

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

ARRL Pacific Division

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k6jat@aol.com

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The MLDXCC NEWSLETTER

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