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MAY 19 PROGRAM
Presented by Bart Lee, K6VK

OUR MEETING ROOM HAS MOVED !
We're now meeting upstairs, in room Oak View 3, down the hall from the sanctuary. Please park in the UPPER PARKING LOT.

Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement. The meeting will also be shown on the club digital amateur television repeater, which is live streamed at: http://w6cxatv.mdarc.org/ and also live streamed on YouTube on the Media MDARC channel.
We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to our Programs Chair Charles M. King, K3CMK, at chask1234.ck@gmail.com.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT: https://groups.io/g/MDARC
THIS IS YOUR CLUB!

Let me begin with some simple definitions.

Club means an association or organization dedicated to a particular interest or activity.

Club member means a person who is a member of a club.

Participation means the action or state of taking part in something.

I don’t mean to be pedantic, but it is the insurance in me to define important terms.

Remember that we are a club that is supported by members. And we need members to participate in critical club activities.

There are many activities that club members are already participating in such as PACIFICON, public service events and the many committees we have that help make the club what it is today. That said, it seems that we are seeing the same folks doing the same things to support the club repeatedly. This is not necessarily a bad thing, but it does create an environment that some might consider stagnant.

If some of you think we can do a better job on club activities, meetings, or leadership then you need to participate.

We all want MDARC to be sustainable and be there for future ham generations.

But it starts here and now.

So, consider getting more involved with the club at a higher level. I think you will find it rewarding.

Let’s make sure your club members are actively engaged. Don’t wait for someone else to step up.

You may have to do it yourself.

73- Ed Morales, KJ6KYT MDARC President
Olympic High School 2730 Salvio Street Concord, CA

Field Day is one of the biggest events in North American amateur radio. It runs around the clock from start to finish on the fourth weekend of June every year. More than 35,000 radio amateurs gather with their clubs, groups and friends to operate from remote locations.

Per the ARRL, the objective of Field Day is: “To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.”

Volunteers are needed!!
Our Field Day chair, Larry Loomer, KI6LNB, and his crew will start setting up at 1:30 on Friday afternoon before the event, so come on down and help out with setting up, stay to work some bands and generally have a good time. Bring your RV, trailer camper or sleep in your car and stay overnight. Basic food and drink will be provided. We will have portable toilet facilities available. If needed, a shopping center with a Safeway store and other food vendors, is six blocks away.

Contact Larry at <KI6LNB@arrl.net> to let us know what help you can provide. Thank you.

Multiple volunteers are needed to supervise the food availability at the Field Day site: Friday dinner, Saturday breakfast, Saturday lunch, and the BBQ dinner, and Sunday breakfast. We need to find a BBQ grill and a person to do the BBQ cooking.

Remember: You don't need to have HF privileges, or even be a licensed ham, to make contacts at our Field Day site. We will have Band Captains on hand to act as control operators. So come on down and get involved in ham radio!

MDARC Bands:
• 2 Meters (144.100 MHz – 148.000 MHz)
• 10 Meters (28.000 MHz – 29.700 MHz)
• 15 Meters (21.000 MHz - 21.450 MHz)
• 20 Meters (14.000 MHz – 14.350 MHz)
• 40 Meters (7.000 MHz – 7.300 MHz)
• 80 Meters (3.500 MHz – 4.000 MHz)

Winlink Demonstration at Field Day
Don Prosnitz, N6PRZ, of Walnut Creek CERT will present a live demonstration on Winlink on Saturday.

(continued on following page)
There will be a Getting-on-the-Air class for HF privileges at 10:00 AM, given by Pete, KE6ZIW. There will be a demonstration of two-way telephone service on the MESH System by John, KM6ZJT.

FT-8 and other digital methods will be demonstrated at the MDARC Communication Trailer by Mike, W6MEW.

HF contesting and Amateur Television will be demonstrated by Jim, K6SOE, from the MDARC Communications Vehicle.

License testing will be available at 1:00 PM on Saturday. Visitors will be able to write their names in Morse code and then tap the code using a code key. A demonstration of solar charging of the communication trailer battery will be provided. An auxiliary generator demonstration for powering the trailer will be provided. A mobile (car mounted) solar power system will be demonstrated. For Getting on the Air, a call can be made by anyone to a ham on a ham radio.

In conclusion, we know we are members of a hobby that has a long and proud history of providing emergency communication in many different situations. Field Day provides us with the opportunity to demonstrate to the public that we can operate effectively and safely, even during restrictive times, and without using utility power.

See [http://arrl.org/field-day](http://arrl.org/field-day) for more information.

On May 1, 2023, our club’s Board of Directors gave approval for all past and future issues of *The Carrier* newsletter to be archived in the Digital Library of Amateur Radio & Communications (DLARC). DLARC is a project of the Internet Archive (the not-for-profit online library best known for “The Wayback Machine.”) DLARC is becoming a massive online library of past and present amateur radio and related communications documents and publications. It is funded by a grant from Amateur Radio Digital Communications. You can see what DLARC acquired so far at [https://www.archive.org/details/mount-diablo-arc](https://www.archive.org/details/mount-diablo-arc).

This link provides information about the DLARC project: [https://blog.archive.org/2023/02/28/dlarc-61000/](https://blog.archive.org/2023/02/28/dlarc-61000/)

The issues are in a sub-collection of their own, with a link to the MDARC website. The archive serves as a long-term backup for the newsletters and increases their visibility to new readers. The issues will also be text searchable.

Thanks to DLARC’s Kay Savetz, K6KJN, and our Digital Media Chair Mike Patterson, N6JGA, for leading this project.
25 years of Amateur Radio Support for the MS Walk
By Pete Harris, KE6ZIW

I want to thank the following amateur radio operators for their great work providing important communications for the MS Walk at Heather Farm Park in Walnut Creek on April 23, 2023. Their public service work helped keep hundreds of event walkers safe.

Steve Donovan, WB6SAI, Net Control (photo below)
Jane Blanchard, KN6CMT, 3-mile route segment 2
Annegret van Gemeren, K9CWA, 1-mile route
Norman Gee, KK6EKC, Rest Stop 2
Lowell Richards, KA6LER, Event Staff Shadow
Sean Donelan, KM6NGN, Rover 1 – Bancroft Rd. Crossing #1
Gene Tucker, KD6QPU, Rover 2 – Bancroft Rd. Crossing #2

Toni Steil-Bozym, KM6LEJ, 3-mile route segment 1
Dave Blanchard, KN6TFS, 3-mile route segment 3
Dennis Rosenblitt, WD6DSG, Rest Stop 1
Eoin O’Donoghue, KK6Q, Biker 1

Many of the walkers were disabled and/or used mobile devices. The twelve member team of hams monitored the two walking trails (3-mile route and 1-mile route) by foot, bicycle, at busy street crossings, at Rest Stop Stations, and in “sweeping” the course at the end to make sure there were no stranded walkers - all with special attention to safety issues. The radio team interfaced with event staff to make sure important information was exchanged. They formed a vibrant, enthusiastic and effective team. I want to give special recognition to a significant contingent of today’s ham radio team from Rossmoor and from local CERT groups.

Our club has been providing communications for this very worthwhile event run by the Multiple Sclerosis Society for over 25 years. I first participated in it in 1996 under the great coordination of Dick Brown, KT6X, who opened my eyes to the great fun and satisfaction of participating in Public Service Events. One of the very long time MDARC participants in this event, as recently as last year’s MS Walk, was Frank O’Leary, KF6FIO. Sadly, Frank passed away last December. In memory of Frank and in honor of his long service to this event (and to MDARC) I made a $50 contribution to the Multiple Sclerosis Society in Frank’s name, on behalf of MDARC.

A few photos may be seen at the link below. I sincerely apologize to the radio team for neglecting to take photos of the team itself. By the time I thought of it after our early morning briefing, the team had disbursed to their assigned locations.

https://www.flickr.com/photos/11636522@N06/albums/72177720307728376
Boy Scout Hike Berkeley Hills   Confirmed
**Saturday, May 20, 2023**
**Scouts Hike 20 Miles in Tilden Park**
Radio Coordinator: Dave Shaw, WB6WTM, wb6wtm@arrl.net

**Ohlone 50k Running Race**   Pending
**Sunday, May 21, 2023**
Running race through four East Bay Parklands
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
<ohlone50k.com>

Lake Chabot Trail Challenge   Confirmed
**Sunday, June 4, 2023**
**Running race, 5k and ½ Marathon in Castro Valley**
Radio Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Race Director: Rachel Lunt

Skyline 50k   Confirmed
**Sunday, August 6, 2023**
**Running Race in the Oakland Hills**
Race Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Scena Performance <adam.ray@scenaperformance.com>

Walnut Festival Twilight Parade   Not Confirmed
**Saturday, September 16, 2023**
Parade in downtown Walnut Creek
Radio Coordinator: Pete Harris, KE6ZIW pharris125@comcast.net
Walnut Festival Person: Tami Lagamarino

Firetrails 50M   Confirmed
**Saturday, September 30, 2023**
**Running Race in the Oakland Hills**
Race Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Scena Performance <adam.ray@scenaperformance.com>

Mt Diablo Challenge Bike Ride Confirmed
**Sunday, October 1, 2023**
**Bike ride up Mount Diablo, Alamo, CA**
Race Coordinator: Larry Loomer, KI6LNB <laryloomer@yahoo.com>
Valley Spokesmen Bicycle Club, Raghu Venkata, event lead
http://www.valleyspokesmen.org/

Diablo Summit Stomp   Confirmed
**Saturday, October 21, 2023**
**Running Race from Castle Rock Park, Walnut Creek, CA**
Radio Coordinator: Larry Loomer KI6LNB <laryloomer@yahoo.com>
Brazen Racing http://brazenracing.com/r/summitstompmain.html
PACIFICON 2023 is on!! October 20-22, 2023

The PACIFICON team has been hard at work already, securing the San Ramon Marriott Hotel, planning and preparing for PACIFICON 2023.

What makes PACIFICON so great is the involvement of communities and entities that come together, share ideas, have discussions, and are involved in this amazing convention. We wish and hope we can continue this endeavor, but we need your help. The number of people volunteering is less than what we need.

It is only through the efforts of individuals who donate their time and energy to this convention that makes PACIFICON so special.

We hold 1 meeting a month (the 2nd Wednesday of every month) both in person and by zoom. (long distance can no longer keep us apart). It usually lasts about 2 hours.

We are in urgent need of a Forums Coordinator. The Forums Coordinator makes contact with various persons who speak or teach through the convention and then coordinating with the team, plans the various times and placements of speakers. We have a historical list of good previous speakers, some of whom very likely would be willing to do their presentations, or modified versions, again if contacted about it. You don’t need to be a licensed amateur or a member of MDARC to participate as a volunteer.

If you are tired of the same speakers or want different information given during this convention then it is time to get involved. Sitting on the sidelines and complaining about something doesn’t make change. You need to get involved!!!

Afraid?? Never done anything like it?? No time?? I can tell you that the PACIFICON team is one of the best teams to volunteer for. The knowledge that has accumulated through the years is mind blowing and every person on the team is willing to help you out in any way possible. There is also written documentation created by the previous chair, to follow and guide you through the process, and changes that you can make to help make PACIFICON fabulous. Don’t be afraid!!!

Want to check things out first? I invite you to join our meetings by zoom or in person. Just send me an email and I will send you a link to join our next meeting or give you an address for the meeting if you wish to come in person.

Also, this year celebrates the 100th anniversary of the first meeting of the Royal Order of the Wouff Hong which is traditionally put on at ARRL Division / National conventions. Some of our six 6 actors and other assistant staff for this have been doing it since MDARC took over PACIFICON in 1992 with pre-recorded audio for this 45 minute meeting. For the 100th meeting we would like to do this with lines being memorized instead of using pre-recorded audio. This year, we would also like to start building a new team to take this over for future PACIFICON conventions. We need to come up with replacement costumes as the other ones that have been used since 1992. If we start now, it should be easy to memorize the parts and come up with costumes and the few simple props that are needed. You must be a licensed ham to be an actor. We will hold Zoom meetings to work on lines, and will have 1 or 2 in-person rehearsals in September and October (most likely in Lafayette). Please contact Lauren Styles, WA6CIE, at WA6CIE.HAM@GMAIL.COM if you can help with this.

So in closing…. If you want PACIFICON to continue and thrive, then get involved, because PACIFICON is not sustainable without volunteers.

Thank you, 73,

Julie Mah, WJ8MAH, 2023 PACIFICON Chair
On April 13, 2023, Digital Media Chair Mike Patterson, N6JGA (left), and Carrier Editor Matthew G. Vurek, N4DLA (right), made a presentation to residents at the Merrill Gardens senior apartment complex in Lafayette. The topic was “What is Amateur Radio?” Afterwards, the attendees visited our club’s MDARC-1 communications van, which was set up and staffed by Jim Tittle, K6SOE. One of the attendees at the presentation was 97 year old Marvin Kay, K6GHE, who is still active on the air with Echolink.

Suren Sethi, Bill Llewellyn, Rosemary Kay, Mike Patterson, N6JGA, Art O’Connor, and Marvin Kay, K6GHE, visit MDARC-1 (with Jim Tittle, K6SOE, inside) outside Merrill Gardens in Lafayette after attending the presentation “What is Amateur Radio?” by N6JGA and N4DLA. (Photos by Julianne Pew, Merrill Gardens Program Director)
54th ANNIVERSARY CAMPOUT PARTY 2023
June 2-4
PRESENTED BY THE
Mount Diablo Amateur Radio Club
"A 2023 Camping Adventure"
(June 2nd, 3rd, & 4th)

Introduction

The campout usually take place starting on the first Friday of June at the Sugar Pine Dam Recreation Area in the Forbes Creek section at the Rocky Ridge group site. It is one of the most beautiful spots in Placer County. This will be a joint venture between the Club and a another group of radio amateurs who have meeting for this annual event for over 40 years. We are limited to 50 people at this site so get your reservations in early.

What The Campsite Provides & Communication

At approximately 3,000 feet above sea level, the campground has water and restroom facilities, no hookups, but nice spaces for trailers, tents and motor homes. There are three large barbecue pits available at our site as well as a large recessed pit for a grand campfire. There are plenty of trees as well as open space for stringing a G5RV and a double extended zepp for your HF station if it is your desire to bring one. However there are plans for at least one active HF station from WA6UHA (weather permitting).

Tentatively our stations will be active on 40 and 75 meters, during the day on the Noon Time Net frequency of 7268.5 kHz (Friday afternoon and all day Saturday) and at night (Friday & Saturday) on 3952 kHz (the Western Public Service Net frequency). It's time to pack up and enjoy the great outdoors and warm up for Field Day coming three weeks later. VHF and UHF paths for both Bay Area and Sacramento television and FM stations are quite good even with simple antennas. Obviously, working 2 meters and 440 into Sacramento and the Bay Area repeaters is not difficult especially during the early morning hours when path conditions are ideal. Call-in will be on the Mount Diablo W6CX 2 meter system 147.06+600 PL 100. Alternate system: 146.745 - 600 W6SAR Foresthill PL 156.7.
The Sugar Pine Lake is just a 1/2 mile from the campsite. A hiking trail leads to the water and connects to another trail that follows the perimeter of the lake. The main swimming area is located on the opposite side of the lake and is accessible by hiking or by a 10 minute drive.
A Chronological Look At The Planned Activities

Normally if the campsite is available, starting with the first Friday during the month of June every year.

Friday

Between 12 noon and 1 PM, the forest ranger will arrive to unlock the gate for access to our site. The gate will remain open through our stay. Also during this time and throughout the afternoon and the early evening the 145.43 repeater (PL 162.2hz), as well as the 146.745 - 600 W6SAR Foresthill PL 156.7 will be monitored. If you are a distance away from the campsite, the Mt. Diablo W6CX repeater (147.06 +600 100hz PL) will be available. When you arrive, park at any of the available spaces. There are plenty.

That evening, you are on your own for dinner. Use your Weber or the barbecue pits provided at the site.

A campfire and star party with telescopes will take place after dark.

Saturday

In the morning, you are on your own for breakfast after which, if you desire, join us for a hike to and around the lake. Weather pending, the view will be picture postcard as we make our way around. We will pass the swimming area and cross the dam as we make our way back to Rocky Ridge. The hike should take approximately 2 hours.

After arriving back at the campsite, you are on your own for lunch if you desire but most of us would probably settle for a tall cold one. Later on you can scrounge around for wood for the campfire that night. Around 4:30 the full socializing begins and the bar is open. Bring out the appetizers and munches which is part of the pot luck. Also during this time, the host supplied charcoal will be prepared and the barbecue pits will be lit. However, before dinner as an idea conceived by Fred Townsend AE6QL, we will have a champagne cork popping contest. To participate in this event, bring your own champagne "AND NO BOTTLES WITH SCREW-ON CAPS...CORK ONLY."

As for dinner that follows, the hot coals will be provided for cooking your choice of meat. Please bring out a side dish, salad, rolls for dinner and dessert to share,

After dinner, the camp fire will be started so bring your own marshmallows. The sticks will be provided by the campsite. Enjoy the fire as we sing, chat, or whatever you would like to do at this time. Plus we will have a real space odyssey star party with a few astronomical telescopes set up.
Sunday

At approximately 8 am, preparation will be underway for the host provided barbecued pancakes. Two kinds will be provided, plain and Oregon Blueberry. After many years of research we were able to come up with a process that prevents the pancake batter from seeping through the grill and on to the charcoal. Supply your own beverages and sides and share if you like.

In the late morning, it's cleanup time and we say our good-byes until next year.

Looks Great...Now How Do We Get There??

From San Francisco, drive east on Interstate 80 through Auburn and exit at Foresthill. Head east on Foresthill Road crossing the mile long panoramic American River Bridge. Continue heading east for about 20 miles and you will reach the town of Foresthill. After passing through town continue east for another 10 miles and turn left at Sugar Pine Dam Road. There should be sign just before you reach the junction. Once you are on Sugar Pine Dam Road (Route 10), follow the road carefully, there are a few turnoffs that can possibly throw you off course. If you have any questions while on Foresthill or Sugar Pine Dam road, you should be in simplex range. Monitor 146.49. The 145.43 (PL 162.2) Auburn repeater should also be available and it will be the primary talk-in to get you to the site. In any case, stay on the blacktop. Eventually you approach a junction with the main road going slightly to the left and a road going slightly to the right with a gate which should be open for us. This is also the junction where route 10 ends as indicated by a sign even though the road continues. As you go past the gate, there is a sign posted there marking the reserved group campsites. Follow the signs for the Rocky Ridge site which will be reserved for us. The total drive time from San Francisco to the campground should be approximately 3 hours if you avoid the Bay Area and Sacramento rush hours.
MDARC General Meeting Minutes March 17, 2023
Held as hybrid Zoom and in-person meeting.

1. Call to Order: The meeting was called to order at 7:00 pm by the MDARC Director at Large Larry Bradley KK6QPE.
   a. Welcome to all: Larry KK6QPE welcomed all attendees and indicated the positions of the emergency exits.
   b. Pledge of Allegiance: This was made by attendees.
   c. Acknowledge new members: Larry KK6QPE acknowledged new members.
   d. Acknowledge visitors: Larry KK6QPE acknowledged visitors.

2. Approval of Minutes from the Last Meeting: The February 2023 minutes were approved.

3. Officer Reports:
   a. The President: Ed, KJ6KYT was absent.
   b. The Vice President: Vacant.
   c. The Secretary: Brian KM6NGS had no report.
   d. The Treasurer: Gene KG6EYE presented the financials for February 2023 as follows, MDARC; Income $1,184.00, Expenses $2,435.00, Net Income -1,161.00. PACIFICON; Income $0.00, Expenses $47.50, Monthly Total -$47.50. Account Balances; MDARC Checking $37,961, MDARC Savings $28,399, Equipment Self-Insurance Fund $59,632, Pacificon Account $17,024.40, Total Account Balances $143,016.40. There were no questions for Gene.
   e. The Emergency Coordinator: Larry KI6LNB was not present at this time.
   f. Directors at Large: Mike W6MEW, Trevor WA6JAU , Larry KK6QPE, and Cal K6VT had nothing to report.

4. Committee Reports – Standing:
   a. Education and Training: John Primus AF6RJ sent his report by email.
   Mike W6MEW, reported that he, Larry KK6QPE and Jim Tittle K6SOE will be going to Roadie’s tomorrow to do an inventory, and tidy up the van and storage locker. Larry KK6QPE reported that he, Mike W6MEW, Larry KI6LNB and Terry KK6KGX attended the Contra Costa Science and Engineering Fair last Friday. They presented a $200 gift card for the participant who’s project had the greatest potential for use with Ham Radio. We are hoping to get him to demonstrate his project at Field Day this year. Dave Billeci WA6UHA, announced that the Sugar Pine Dam Recreation Area camp out, is happening again this year, from Friday June 2nd to Sunday June 4th. Details will be posted on the MDARC website and in The Carrier.

5. Unfinished Business:
There was no unfinished business.

6. New Business:
There was no new business.

7. Adjourn Business meeting: The business portion of the meeting was adjourned at 7:13 pm.

At this point, Larry KK6QPE, introduced Steve Nissen K8YIP, Rand Mahoney W6TRM and Ryan Mahoney W6RAM who made a presentation on “Emergency Communications with SRV Fire’s Communications Support 131 (CS131)”

Respectfully submitted by
Brian Lotter, KM6NGS
Secretary, on April 16, 2023.
1. **Call to Order:** The meeting was called to order at 7:00 pm by Ed Morales, KJ6KYT after it was determined that there was a quorum for conducting Club business.

2. **Roll Call:** Attendees via Zoom screen shot: **Officers:** Ed Morales KJ6KYT, President; Brian Lotter KM6NGS, Secretary; Larry Loomer KI6LNB, Emergency Coordinator; Larry Bradley KK6QPE, Director at Large; Mike Warren W6MEW, Director at Large; Trevor Hall WA6JAU, Director at Large. **Committee Chairs/Coordinator:** Mike N6JGA; Jan KM6NFC. **Guests:** Charles King K3CMK; Mathison Ott KJ6DZB; Dave WA6UHA; Bob K6GD.

3. **Approval of Minutes from Last Meeting:** Mike W6MEW, seconded by Larry KK6QPE, proposed a motion to approve. The minutes were unanimously approved.

4. **Adopt Tonight’s Agenda:** The agenda was approved.

5. **Officer reports:**
   a. President Ed Morales KJ6KYT – Had no report
   b. Vice-President (Vacant) – No report.
   c. Secretary Brian Lotter KM6NGS – Had no report.
   d. Treasurer Gene Sylls, KG6EYE – Was not present.

6. **Emergency Coordinator Report:** Larry KI6LNB stated that he had given the Livermore Club permission to use the repeater for an event that they are doing, in a couple of weeks, on a Saturday, since he did not see any conflict on the calendar. Otherwise, it has been a quiet month.

7. **Directors at large reports:**
   Mike Warren, W6MEW – Stated that Jim Davis NN6EE was on the repeater again this afternoon. Jim has received a letter from each of the FCC, and the MDARC President, which banned him from using the repeater due unacceptable behavior.
   Trevor Hall WA6JAU – Had no report. Cal Vasquez K6VT – Was not present.
   Larry Bradley KK6QPE – Had no report but asked Larry KI6LNB if anything further had occurred regarding the Marin club’s test against our repeater. Larry KI6LNB replied that he had written back to them saying that it would be fine and to please share the results with us. Ed mentioned that the Martinez club is now doing license testing after their meetings, which occur on the second Saturday of each month, between 9 and 11 am.

8. **Committee Reports:**
   a. Auction: Larry KK6QPE stated that he is processing the donated equipment from the family of Douglas Ferreira, N6PRT. He is pricing the equipment based on going rates on eBay and elsewhere and is planning a fixed price sale. The minimum price will be $25. Payment will be, by check only, to be mailed to MDARC. He is planning to produce a catalog before the April General Meeting. He asked for any suggestions from the board and received none.
   b. Communications Trailer: Mike W6MEW had nothing to report.
   c. Digital Media: Mike Patterson reported that the website activity was running smoothly and that the Pacificon website is expected to launch around the middle of the month. Mike W6MEW asked Mike Patterson if anybody is taking care of the AARL East Bay section website. Mike replied that Jan KM6NFC is doing that.
   d. Education and Training: John AF6RJ sent his report by email.
   f. Election Committee: There was no report.
   g. Field Day: Larry KI6LNB said that we got approval from the Mt. Diablo school district to use the Olympic High School parking lot for Field Day. Ed mentioned that the winner of the MDARC prize at the Science Fair has agreed to do a demo at Field Day.

(continued on following page)
h. Holiday Banquet: There was no report.

i. License Testing: Larry KI6LNB had nothing to report but added that he will have a report at the end of the next meeting.

j. Membership: Jan KM6NFC had no updated report but will send one out tonight. He added that he and Gene had mailed out 40 letters and 40 postcards.

k. Mesh Committee: Mike W6MEW noted that there had been some activity between John Kearney and Wiedemann Hill but that the connection was very slow.

l. Outreach: Dick Wade WM6G was not present.

m. PACIFICON: Mike N6JGA stated that they are targeting the middle of April to launch registration and the website. Barb K6WHY has found a “Pipe and Drape” company that will charge only $1000 more than last year.

n. Programs: Ed KJ6KYT had no report.

o. Radio Lending Library: Mike W6MEW stated that they had used the HTs from the lending library for the Technician GOTA class. He has relabeled the radios with their serial numbers etc., purchased, and donated to the club, batteries for the two larger YAESUs. All the radios charged up and are back at Cal’s.

p. Rocky Ridge Repeater (Tech.): Trevor WA6JAU reported that the mountain top is working.

q. Scholarship: Janice Fujii, KG6VTD - No report was expected.

9. Future Meetings:
   General Meeting 04/21/2023 on Zoom and In-person. Board Meeting 05/01/2023 on Zoom only.

10. Unfinished Business:

10.1 Financial Audit for 2022/2023 Q1 Deadline: Gene KG6EYE has been passing information to John Trinterud K9ONR and Ed will have a meeting this week to check on progress. John has also offered to do the audit for the next two years.

10.2 Status report on revising Membership database for processing and tracking payments, status, etc.: This was covered in 8.j. above.

10.3 Program Committee: No report.

10.4 South Peak Contract & Move to North Peak: After much discussion, it was recognized that we don’t know what other clubs are paying for their repeater spaces and if the rental rates depend upon the number of antennas on the towers or not. If we are on publicly owned land, do we get a break because of our public service and potential disaster relief contributions? Ed committed to doing as much research as he can on rates. It was decided that Trevor, being a board member and a tech committee member, has the authority to negotiate new rates. For this reason, the subcommittee to negotiate rates with the landlords should be within the tech group. Ed will attend the next tech meeting in May to work with them on this issue.

10.5 Auction Chair: No one has stepped up to fill this position yet. It was decided that, if we have another auction, it will be in person only. We will not accept any new donations until we have a good way to sell the goods because we don’t have storage space to keep them.

10.6 Google Analytics Follow-up: There was no report due to Grant’s absence.

11. New Business:

11.1 Speaker for April 2023 General Meeting: Ed thanked Larry KK6QPE for coming up with a speaker for the April meeting and asked him to liaise with the speakers to get ZOOM info to them for the meeting. The topic will be RF exposure. The FCC granted 2 more years for each Ham to evaluate their equipment and have a document to present to the FCC if they call for it. The extra period expires in May this year.

11.2 Charles King is interested in becoming VP for the club. It was decided that under the bylaws, the president can appoint a committee chair but not a board member. Charles stated that his main interest is to get greater participation in club activities. He said that we have 300 members and only about 60 who are active. Charles said that he thinks that he does not necessarily need to be VP to do that but just recognition that he can speak on behalf of the board to do it. Ed noted that he has already established a program committee and that the by default, the VP would be the chair. It was decided that the bylaws have no provisions for filling the VP position at this time, not even with a special election. It was decided that the only option was for Ed to appoint Charles as chairman of the program committee and that there will be a review of the bylaws to make provision for filling board positions in these types of situations. Ed appointed Charles as chair of the programs committee. Ed will work with Larry Bradley and Mike Patterson on amending the bylaws.

12. Adjournment: Larry KK6QPE, seconded by Mike W6MEW, proposed a motion to adjourn. All members voted in favor.

Meeting Adjourned at 8:13pm. Respectfully submitted by Brian Lotter KM6NGS Secretary, on April 27, 2023. These meeting minutes were signed digitally due to the digital meeting.
Upgrade your amateur radio license. Register now for MDARC 2023 General or Extra license courses.

**General License Course-2023**

Each Tuesday, March 28 - May 23, 2023 (9 sessions)
7:00-9:00 PM
Held via Zoom and In-Person at:
Clayton Valley Presbyterian Church
1578 Kirker Pass Road
Clayton, Ca 94517

*General Class Get-On-The-Air (GOTA)*
Saturday, June 24, 10:00 AM-12:00 PM
at MDARC's Field Day site.
In-Person Only

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**Amateur Extra License Course-2023**

Each Tuesday, June 27 - September 5, 2023 (10 sessions)
7:00-9:00 PM
Held via Zoom and In-Person at:
Clayton Valley Presbyterian Church
1578 Kirker Pass Road
Clayton, Ca 94517

Note: No class on July 4; Independence Day.

Please go to [https://www.mdarc.org/education-and-testing/class-details](https://www.mdarc.org/education-and-testing/class-details) for complete details and to register for one or both license courses.
2023 Carmichael Elks Ham Radio & Electronics Swap Meet
Sunday, May 28 7:00-11:00 am

Where: The Carmichael Elks Lodge, corner of Cypress & Hackberry
5631 Cypress Ave, Carmichael, CA 95608.
Parking is FREE to buyers on the East lot.
For Sellers, South lot spaces are $10 each space.

Thank an Elk for this great price! The Elks Lodge will be selling coffee, water, maybe dogs and doughnuts.

Meet other hams and radio and electronics hobbyists! Win Door Prizes!
Visit the ARRL Information booth.
Talk in on N6ICW 147.195 repeater + PL 123
There will be an electronic salvage trailer available for stuff you want to donate. This is a LEAVE NO TRACE event. We want to leave the Elks facility cleaner than we found it!
Covid-19 Masks are not required but welcome at this outdoor event.

Questions? Call John Dyer, KJ6JD at (916) 927-4201
or email jd3@johndyer.com  Cheers -- I'm John Dyer KJ6JD
FIRST CLASS

https://www.facebook.com/mdarc.org

W6CX Nets
M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+
M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+
Monday 8:00 pm SATERN Net 147.060+
Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz
Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+
Wednesday 7:00 pm SKYWARN Net 147.060+
Thursday 7:30 pm MDARC Club Net 147.060+
Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters
147.060 MHz + / PL 100Hz
224.780 MHz - / PL 77Hz  441.325 MHz + / PL 100Hz
EchoLink: W6CX-R /133896, IRLP: 3057
DMR Repeater 144.925 offset plus 2.5 MHz color code 1
D-STAR 145.000 offset plus 2.5 MHz
https://w6cx.dstargateway.org/

DATV Internet Stream: https://batc.org.uk/live/nj6e
YouTube Channel: Media MDARC

Contra Costa County Emergency Communications Nets
Every Thursday
6:30 pm HF Countywide 3.893 MHz LSB
6:45 pm West County 145.110-- (82.5 PL)
7:00 pm Central County 145.680 Simplex
7:00 pm East County 146.535 Simplex
7:00 pm South County 147.480 Simplex
7:20 pm Countywide 145.490-- (107.2 PL)
or 147.735-- (107.2 PL)
or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)
Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater
Digital ATV Output: 1244.500
Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0
Analog ATV Input: 1270.000 FM (PL 192.8)

May and June 2023 Club Calendar

Friday May 19, 2023 7:00pm  MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette
Also available on zoom.us via link sent from groups.io or watch on DATV repeater

Saturday June 3, 2023 8:00am  MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE

Monday June 5, 2023 7:00pm  MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE

Friday June 16, 2023 7:00pm  MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette

Friday/Saturday/Sunday June 23-25, 2023 ARRL Field Day, Olympic High School, 2730 Salvio Street, Concord (see page 4)