

LARK NEWS March 2026

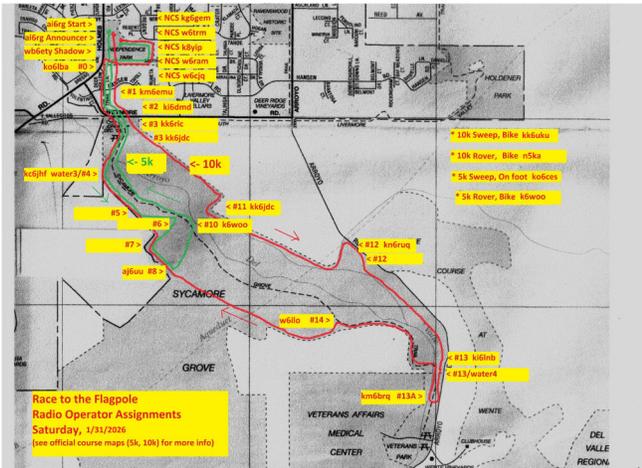


Livermore Amateur Radio Klub LARK is an ARRL affiliated club dedicated to Public Service Volunteer Emergency Communications. Meetings are once a month on the 3rd Saturday 9:30AM

**VENUE: City of Livermore Meeting Hall
1016 S. Livermore Ave., Livermore CA 94550**

Available live via zoom by invitation only. Visitors Welcome

Editor: Gregory Kiyoi KN6RUQ



Race to the Flag Pole Course Photo by John WB6ETY



Race to the Flag Pole Volunteers Photo by Greg KN6RUQ



Solar Generator Photo by John KI6DMD



Rand W6TRM, John WB6ETY, Chris, W6CJQ, George KG6GEM in CS131 Photo by Jerry N5KA

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Presidents Message

I want to thank **Brian KA6ZED** for making the coffee and picking up the refreshments for monthly meetings. *I would like to have someone help him if possible, please let me know.* This effort is appreciated by all who attend the meeting.

I wanted to let you know that the Events Chairperson (me) is following the upcoming events for 2026, and I have an update. The following events will be happening

- **Livermore ½ Marathon - March 1st**
- **Cinderella Bike Ride - April 11th**
- **Devil Mountain Double Century - April 25th**
- **Devil Mountain Run - May 3rd**

We are in need of volunteer radio support for all events and any level of experience is welcome.

As more events are confirmed you will be kept advised. Make sure to sign up on the LARK website for these events for which LARK supports.

The yearly LARK elections will be at the **April LARK meeting** so if interested in serving as an officer or board member please let me know asap.

I wanted to thank **Ron AD6KV** and **VE Team** for continuing to provide a way for hams to get their testing completed.

Ian W6TCP continues to work on enhancing the repeaters for use by all of us so please report any issues to Ian by email.

I encourage you to check in with the LARK Monday, Wednesday (10.10 Windfarms Net),

and Thursday night nets, held every week. There are other nets available, and they can be found on the LARK website. It is good experience getting on the air.

I want to thank **Ed AE6D** for coordinating the weekly nets. By participating in the nets, you'll hear what is going on in our Ham community.

We are meeting In-Person at the Livermore City Meeting Hall each month on third Saturday, and we are also offering the meeting on Zoom for those who prefer that way to attend.

Wishing you all stay healthy and stay safe.

George KG6GEM ([kg6wiu1 at comcast dot net](mailto:kg6wiu1@comcast.net))



Notes from the Editor

Thank you to **Ryan W6RAM**, **Rand W6TRM**, and **Steve K8YIP** for their presentation and tour of CS131.2 at the club meeting. To John WX6G for showing the traps from 1/2 his multi-band antenna.

Club Meeting Attendees and *Ryan W6RAM/Rand W6TRM*, Photos by **Steve K8YIP**



John WX6G



LARK License Testing

Starting in January LARK has transitioned from paper to electronic testing. Big thank you to **Ron AD6KV**, **Jim N6BHX** and **Jean N6LGE** Brunk for training the club VEs. Jim and Jean also drove down from Martinez to help with the live testing. So far we have had 5 that have taken tests, 1 upgrade and 4 new licensed (3 Technicians and 1 General).



Silent key and LARK member Bob Condouris, KA6ATV - A 57-year resident of Livermore and a former employee of both Lawrence Livermore National Laboratory and Sandia National Laboratory, Bob will be remembered for his wide, friendly smile and his gentle kindness.

Reminder regarding checks to the club. They need to be made payable to **Livermore Amateur Radio Klub** as the bank will no longer accept checks payable to LARK. Any checks received payable to LARK will be rejected.

The website has been updated to reflect the correct payable details. As well as the membership form.

Thank you for all that have sent articles, pictures, and feedback. The newsletter is a collaborative process, please keep sending me your articles and ideas.

Gregory KN6RUQ *editor at livermoreark.org*



Monthly Meeting Minutes



Monthly Meeting Minutes

LARK General Meeting | February 21, 2026 | Minutes

Call to Order

1. Meeting called to order by George KG6GEM at 9:33am.
2. George started introductions, first in-person attendees and then Zoom attendees.
3. 45 In Person/ 4 Online/ 6 Guest= 55 Total attending the meeting.

Presentation

Emergency Communications with San Ramon Valley Fire's New Communications Support Truck (CS131)
Presented by Steve Nissen (K8YIP), Rand Mahoney (W6TRM), and Ryan Mahoney (W6RAM)

Officers' Reports

Nothing to report from Ryan, Peter, Steve. Chris was not present.

Activities

Nothing to report from Roger or Nate.

Events - We need volunteers for all events! Please sign up at: <https://livermoreark.org/>

1. Livermore Half Marathon - Sunday, March 1st
2. Cinderella Bike Ride - Saturday, April 11th
3. Devil Mountain Double Century - Saturday April 25th. 12 have signed up already, but we could use a few more for teams of 3 (rather than 2).
4. Devil Mountain Run - Sunday, May 3rd
5. Fun Run – Saturday, July 4th
6. Patterson Pass Road Race – Sunday, August 2nd
7. Pacificon Booth – Saturday & Sunday, October 17th & 18th
8. Pacificon SWAP MEET – Sunday, October 18th

Thanks to all that helped with the RTTF on January 31. CS131 was used as the command post & net control. New capabilities of CS131 is to record all radio traffic during an event. Ryan has provided an audio file, and John will make it available to all.

Newsletter

Keep the articles and pictures coming. Please submit to Greg KN6RUQ.

Swap & Shop

Contact Mark KK6UKU

Previous Minutes

MSP to approve January meeting minutes as written.

Repeaters

Nate N8MOR says the new batteries on WA6ODP are working!

VE Testing/Technical Interest Group/ ARES - Ron AD6KV

4 signed up but only 3 tested.

Klutz Award

Aaron A6ACA was presented the award for his carbon fiber pole mishap. He was using a small 20ft carbon fiber pole during a SOTA activation and while taking things down hastily he used a little too much force and took a chunk out of his hand.



BEACON Exercise

Contact Ron AD6KV for details on the 2026 BEACON (Building Emergency Area Communications, Operations, and Networks) Exercise. <https://www.beaconexercise.org/>

Operating

John WX6G shared a problem he discovered with his 3-element (10, 15, 20, 40m) antenna when he took it down. The antenna had resonant beams outside the ham bands! The problem was with an inductor screw that became loose in one of his traps.



Ask the Elmer

Lee KI6OY said that he participated in the Winter Field Day Contest and he made 901 contacts for 140,000 points (raw score). He had a 3-fold increase over last time due to good propagation, keeping his transmitter on air, and lots of CQs. He uses only 100W power and a wire antenna. Next weekend is the NA Ready Contest. It is a fun one and everyone should give it a try!

Rich KK6RIC needs help with DPRS on his ICOM radio. Anyone is knowledge on this please contact Rich.

Adjournment

George adjourned the meeting at 11:20 AM and a detailed tour of CS131 was then given to the members in the parking lot.



Minutes submitted by:

Rand Mahoney (W6TRM) for Ryan Mahoney (W6RAM) - LARK Secretary

Board Meeting Minutes

LARK Board Meeting Minutes – February 16, 2026

The meeting was called to order at 7:35pm

Attending: George, Chris, Peter, Jerry, Roger, David, and Nate

Treasurer's Report – Peter: (1.) Have received this year's City of Livermore Business License, (2.) Working with accountant to set up process for paying sales tax from sales to the state. The state has sent a letter indicating the first installment will be in June 2026, (3.) when making purchases or sales a tax must be made or collected., (4.) Peter intention is to put together an information packet for the transition to the new treasurer after the LARK elections in April.

Repeaters Update – Nate: Nothing new to report, all are working.

Activities Update – Jerry: The upcoming meeting for February will be a presentation and demo of San Ramon Valley Fire Protection District's new Communications Support Unit CS-131. Still working on presentations for April, May, July, August, September, and November and welcomes any suggestions or ideas.

Events Update – George: We have events coming up very soon that are going to require more volunteers due to route changes.

Membership Update – George: No update.

VE Testing – George: There will be testing on Saturday for 4 interested persons. Greg will lead the testing group for this.

LARK Annual Elections – George: It is time again to see if any LARK member in good standing wishes to serve as an officer or board member. George will announce the process at the meeting on Saturday.

BEACON Exercise – George: The BEACON Exercise for 2026 will be on Thursday, April 30th. Watch for more information from Ron Kane for coordination.

Symphony Basket/Box – David: David ordered a symphony box/basket from Harry & David for Tony Yamin's family in recognition of the loss of his wife in January.

The meeting was adjourned at 8:40pm by George.

Community Activities

**We NEED You!
Sign Up NOW**



Livermore ½ Marathon - Sunday, March 1, 2026

Signup <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-livermore>

Experience our event and course, with postcard views and a synchronized queue of our amazing wildlife, you'll enjoy a full sensory moment, as you pass through gorgeous vineyards, lush hop vine fields, mature olive groves and so much more.



50th Cinderella Bike Ride - Saturday April 11, 2026

Signup <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-cinderella1>

The Cinderella Classic, Challenge and Short rides are 65/100/35-mile recreational bicycle ride (not a race) for women & girls only.



Devil Mountain Double Century - Saturday, April 25, 2026

Signup <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-2022>

The event is 200 mile, one day, bike ride for about 50 riders. LARK's help is requested for the Mines Road segment (where cell phones don't work) starting South of Livermore to the summit of Mt Hamilton.



Devil Mountain Run - Sunday, May 3, 2026

Signup <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-devil1#>

This event takes place in downtown Danville and is a foot race - 5K, 10K, and One Mile fun run.

“Portable” Solar Generator

John McClain, KI6DMD

Reliable emergency power is critical in many areas of the country for backup power, and also here in the Bay Area when our power goes out (rarely, thankfully). To solve for this type of emergency I have a 2000 watt Honda gasoline generator and a home-built solar generator with battery backup and both DC outlets and a 1000 watt pure sine wave inverter for clean AC power. I started with a lower wattage inverter to see how it worked. I am evaluating moving up to a 2000 watt inverter and 2 larger solar panels to charge the batteries faster.

Since the power is usually out for less than a few hours here in the bay area, we rely on the solar generator to run a few lights, the Computer, DVR and TV. If the power is out for more than 4-5 hours, we gas up the generator and plug in the refrigerator for a few cycles.

I also use the solar generator for field day for extra points if I am doing field day at the house. I used to dismantle it and bring it to the remote field day site, but the batteries have gotten heavier over the years, so I rely on the gas generator for field day power.

The solar generator is fairly rudimentary. I built it a number of years ago and have been improving it ever since. I have limited electronics experience,



but read a number of articles and went ahead and gave it a shot. So far, so good.

Components

- 1 - 180 watt solar panel (largest available at the time of build)
- 1- 500 watt charge controller
- 2 - Go-Power 1000 watt pure sine wave inverter
- 2 - 25' cables between charge controller and solar panel
- 1 - Length of #10 wire
- 1 - Fuse Block (1 for DC outlets and 1 for the 1000 watt inverter)
- 1 - 20 and 30 amp DC fuses for DC connections
- 1 - 2 AWG wire for battery connections and connections to 1000 watt inverter
- 2 - Deep cycle 370AH flooded 6 volt Batteries configured to 12 volts
- 1 - 12 volt meter to monitor battery status.
- 1 - 12 volt switch to control the 12 volt DC outlets and meter.
- Miscellaneous lumber
 - 4 - Heavy-duty handles (2 each side),
 - 4 - Industrial-duty wheels
 - Screws and vents for generator case

Construction

Box

The generator is built as an 18”x36” box with 2”x4” framing on corners and bottom, with ½” exterior grade plywood covering. The interior framing is 1”x4” pine. I built the back piece removable in order to maintain batteries and electrical connections. The top is also removable for easy battery maintenance access.

There are two compartments, one for the battery, and one side for the electrical components.

I made sure to install four vents in back and front and two on each side to ensure good ventilation for the battery.

On the front, I drilled 8 holes big enough for 12 volt

outlets and one large enough for the 12 volt meter.

On the right side of the box I have the incoming positive and negative connections for the solar panel in a water tight box.

On the left side of the box I have 2 battery feeds (1 positive/1 negative) in water tight boxes for the 1000 watt inverter connections.

While I did build this with indoor (garage) use in mind, I do use it outside with 12 volt and the 1000 watt inverter on clear days, as I built it to be capable of outdoor use as well.

Battery

I have 2 6-volt batteries in serial configuration to boost power to 12 volts. I have a 2 gauge battery jumper cable on the positive post of one battery bolted to the negative post of the other battery. Both are located in the battery compartment of the generator.



I have a trickle charger attached in the garage to keep the batteries fully charged when not connected to the solar panel.

Wiring

Solar Panel to Charge Controller to Battery

I purchased a 50 foot length of cable with fittings that matched the positive and negative fittings on the solar panel. I cut that in half and wired the positive cable to the negative side of the charge controller and the negative cable to the positive side of the charge controller. That way, the plugs, while reversed, can connect properly to the solar panel.

I then wired #10 wire from the charge controller to a female outlet mounted on the right side of the box.

This allows me to easily remove the charge controller for storage when not in use. I then used #10 wire from the plug to the positive and negative posts on the battery for charging the batteries.

Battery to 12 volt outlets

I installed a vehicle fuse-block on the electrical side of the generator. I wired the positive wire from the battery to the 12 volt switch and then to the 12 volt meter.

From there, I wired to the fuse block using #10 wire, and then I used #10 wire from the fuse block to the individual outlets.

I wired the negative side from the battery to a junction box and from there to each individual outlet. Each outlet is capable of handling 30 amp fuses, but I use only 20 amp fuses.



Battery to 110 volt pure sine wave inverter

I have the inverter setup to be removable. To make this happen, I used 2 electrical boxes and wired 2GA wire from the battery positive battery terminal to the fuse block and from there to a threaded brass post that is screwed in the left side of the box in a water tight box. I did the same for the negative side but wired direct to the negative brass post.

The 110V inverter is wired with 2GA wire that has battery connectors on the ends that bolt on the positive and negative brass posts.

The configuration allows for use of both 110V and 12V power concurrently.

Maintenance

I monitor the water levels and top off on a monthly basis. Usually there is little maintenance required.

Results

I have had really good results with this configuration. When used during field day at home, I am able to run the 100W radio, computer, external tuner and lamps at night with no battery degradation during the day, and limited at night when running only on the battery.

On a sunny day, the battery remains fully charged through late evening before starting to degrade. It is rated for 190 minutes at 75 amps usage. I rarely use more than 300 watts with everything I use on field day, so the amount of usage can be extended more than 2X under good conditions. We do use it for TV's, internet, lights and small appliances if the power is out.

The key drawback to this system is the weight. At approximately 150 pounds, it is a challenge to move other than rolling around at the house (while the Honda 2k generator is about 47 pounds).

I have used it remotely on field day on occasions with great results, but it does require dismantling the batteries so that it can be loaded into the truck. Mostly using the Honda for remote field day these days.

It has been a great experiment and has gotten me more interested in solar. Solar is not quite cost effective for the house yet for us, but I am very happy to have access to backup power in a time of need.

Race to the Flag Pole

John Street, WB6ETY

On Saturday, 1/31/26, LARK supported the 15th Race to the Flagpole (RttFP), continuing our tradition started in 2011 at the second RttFP. Five radio amateurs supported the 2011 event, 21 helped in 2026.

The first two RttFPs, in 2010 and 2011, started and finished near the flagpole in Carnegie Park in downtown Livermore. Starting in 2012 the RttFP has started and finished in Independence Park in South Livermore. It wasn't true at first, but there is now a flagpole in Independence Park. The RttFP was canceled in 2018 (bad air quality) and in 2021 (Covid).



The now standard format of the event begins and ends near the flagpole at Independence Park and runs through scenic Sycamore Grove Park and on the connecting bike trail. Events include a 5K, a 10K, and a one mile "Fun Run".

The RttFP is hosted by the Livermore Granada Boosters Club with proceeds supporting their scholarship fund. Scholarships are awarded to scholar athletes at Livermore High School and Granada High School. The RttFP is truly a local event; except for the race timing efforts, virtually all the help is by local volunteers. And most of the runners are local folks too; this year 71% of the runners were Livermore residents.

This year's event was successful; **no injuries were reported** - the EMT vehicle remained parked at Independence Park the entire time. It was a nice day, the sun was shining with temperatures in the mid to upper 50's.

This year **494 runners were registered** with **422 finishing** (108 in the 10K, 239 in the 5K, and 75 in the one mile). That is the biggest turnout in the last three years. See the links at the end of the article.

Radio Information

The Net Control Station (NCS) operators met at Independence Park at about 0600 hours. They set up the San Ramon Valley Fire Protection District's new CS-131 communications vehicle to be our NCS on wheels. **Rand, W6TRM; Ryan, W6RAM; Steve, K8YIP; Chris, W6CJQ; and George, KG6GEM** were our NCS radio operators.

This year our portable APRS digipeater/iGate (WB6ETY-3, supplied by **Arnold, KQ6DI**) was connected to a CS-131 antenna on its 40 foot mast, relieving **John, WB6ETY**, of the task of setting up an antenna/15 foot mast in the dark!



For the first time WB6ETY-3 functioned as an iGate by connecting via WiFi to the CS-131's internet. APRS worked well, with many packets from the LARK trackers (carried by our SWEEPS and ROVERS) making it to the APRS-IS system.

At 0700 hours we met for three briefings: one by **John, WB6ETY**, one by **George, KG6GEM**, and one by **Elaine and Vern**, the race directors. Before departing Independence Park, we had time to pick up a cup of coffee and a bagel (provided by the Boosters!). Then, before we left, the NCS did a roll



call/radio check using the W6SRR 2m repeater (primary channel for the event).

Most assignments were in Livermore's Sycamore Grove Park, so for many of us, that required driving to the park, parking in a parking lot (either on Wetmore Rd or on Arroyo Rd), and then walking to an assignment. The



longest walk was about 1.25 miles. The NCS called roll on the W6SRR repeater before the first race started, with everyone checking in successfully. Then as an interesting test, the NCS called roll on our backup local simplex frequency. That worked very well with the NCS hearing stations from much of Sycamore Grove Park. We think we understand the few issues we encountered - we will be doing some simplex testing when the landscape is not so soggy!



Thanks to these operators for bringing more than an HT to their assignment. **Alan, KM6BRQ** set up his 50W portable station/mast/antenna at Station 13A.



Greg, KN6RUQ, set up his 50W portable station/mast/antenna at Station 12. Larry, KI6LNB, was prepared to raise an antenna but his HT/rubber duck worked well at Station 13. **Bill, AJ6UU**, and **David, K6WOO**, both brought along mobile radios, antennas, and masts, but just used their HTs as they worked just fine.



Thanks to the SWEEP and ROVER operators (**Mark, KK6UKU**, 10K SWEEP Bike; **Jerry, N5KA**, 10K ROVER Bike; **Kole, KO6CES**, 5K SWEEP 'on foot'; **David, K6WOO**, 5K Responder Bike) for burning lots more calories than the rest of us.



Keeping track of the "first" and "last" runner locations is important to the NCS and to the race organizers. "First Runner" and "Last Runner" locations were also relayed to the public address announcer several times during the morning so the crowd at Independence Park was kept up-to-date.



Thanks to everyone for sending pictures, comments, and suggestions for improvement. There was a common thread to many of the suggestions. I'll be forwarding several suggestions to the race director for consideration when planning the next RttFP.

Photos by Jerry N5KA, Kole KO6CES, Keith KC6JHF, Alan KM6BRQ, Garrett W6ILO, Josh KK6JDC, Greg KN6RUQ (Starting Top Left)

- 5K runners
- Lucas KO6LBA, Josh KK6JDC, Kole KO6CES
- Station 13a
- Station 12 Greg KN6RUQ
- Mark KK6UKU
- Jerry N5KA
- More Runners!
- Keith KC6JHF
- Josh KK6JDC



2025 ideas for 2026-how did we do?

1. Make LARK 's two event communications protocol documents available to all volunteers. **Ans: Failed to do this – I had computer/email problems the date before the event so failed to send these documents.**
2. Record all voice communications on event net frequency so that everyone can learn what their signal sounds like to others, thus motivating improvement in equipment and/or operating procedures where needed. **Ans: The NCS crew did this. I will be emailing the audio file to all the volunteers so they can listen to "how they sounded on the air"!**

3. Make APRS tracker callsigns-SSIDs available to all event volunteers so they can monitor our trackers if they wish. **Ans: Added the SSIDs to the assignment document.**
4. Have better visual identity for all radio operators; safety vests for all, perhaps ID bibs for Sweeps and Rovers. **Ans: Most of us had safety vests, but not all. SWEEPS did not have ID bibs, but did make it a point to identify themselves as they reached each station radio operator.**
5. For radio operators near the very loud event PA announcer, have a better way to block that noise so they can hear radio traffic and yet still be able to talk to people in the area when needed. **Ans: We just listened harder and stayed away from the front of the PA speakers as much as possible.**
6. Invite the EMTs (staged at Independence Park) to join our pre-event meeting. Ans: **The EMTs were at our briefings.**
7. Add traffic cones to help guide runners at Station #3 and #12 (this is for event organizer). **Ans: The event organizer did improve trail marking near Station #12, but not at Station #3.**
5. Add traffic cones at Station #3 (this is for event organizer).
6. Conduct another simplex roll call when radio operators are at their assigned stations. Consider running the event net on simplex. Not sure that's a practical idea but it sure would be a good learning experience!
7. Add the NCS phone number to Assignment document.
8. Ask event organizer to use properly labeled cones at each station.

Thanks to all the volunteer radio operators who provided this public service to the race participants and the Livermore Granada Boosters; here's the list:

Rand W6TRM, Ryan W6RAM, Steve K8YIP, Chris W6CJQ, George KG6GEM, Peter AI6RG, John WB6ETY, Lucas KO6LBA, Brian KM6EMU, John KI6DMD, Rich KK6RIC, Josh KK6JDC, Keith KC6JHF, Bill AJ6UU, David K6WOO, Greg KN6RUQ, Larry KI6LNB, Alan KM6BRQ, Garrett W6ILO, Mark KK6UKU, Jerry N5KA, Kole KO6CES

Race Results

<https://my.raceresult.com/376936/results>

Finish line photos

<https://livermoregranadaboosters.smugmug.com/Events/260131-RACE-2026-FINISH-LINE>

Candid photos (see radio operators in photos 0266, 1059, 1066, 1080, 1083, 1086)

<https://livermoregranadaboosters.smugmug.com/Events/260131-IV-ON-THE-COURSE>

Candid photos (see radio operators in photos 0064, 0090, 0091, 0092, 0093, 0094, 0095, 0096)

<https://livermoregranadaboosters.smugmug.com/Events/260131-AJC-RACE-TO-FLAG-POLE>

Ideas for 2027

1. Continue the successful ideas we implemented this year.
2. Make LARK 's two event communications protocol documents available to all volunteers.
3. Have better visual identity for all radio operators; safety vests for all, perhaps ID bibs for Sweeps and Rovers.
4. For radio operators near the very loud event PA announcer, have a better way to block that noise so they can hear radio traffic and yet still be able to talk to people in the area when needed.

Training

MDARC General Class

Beginning March 24, 2026, Mount Diablo Amateur Radio Club is offering a 9-week course. General Class License test on May 26, 2026. A Get-On-The-Air (GOTA) is included on June 27, 2026. Course cost is \$15.

When Starting March 24, 2026 7-9pm,
9 sessions through May 19th

Where Clayton Valley Presbyterian Church
1578 Kirker Pass Rd.
Clayton, CA 94517 or Zoom

Questions See <https://www.mdarc.org/education-and-testing/class-details>
for more information.

Crossword Puzzle

15 Feb 2014

by Chris Codella, W2PA

Field of Beams

Across

- 1. UHF units
- 4. Writes glowingly, about a new rig, say
- 9. Radiosport, for short
- 14. Elemental do nothing, on a computer, to a coder
- 17. Missing a DXCC entity
- 19. Peoria prefix, possibly
- 20. Peru prefix, possibly
- 21. In real-time
- 22. EU ham org.
- 23. Location, operating /MM
- 24. Describes 26, 64, 68, 101 across, and 8, 50 and 89 down.
- 26. 2000
- 28. Nows older partner
- 30. Might be taken before a one or after a nine
- 31. News opposite
- 32. Feathers prep
- 33. Digital mode
- 35. Dot type
- 37. KH6 dipole supports?
- 39. Caught illegally, or cooked what you caught
- 42. Angles
- 43. Hay bunches
- 44. Mascara site
- 45. Type of screw or bolt
- 47. New England hams
- 48. Temporary cover
- 49. UA nobility, once

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- 51. Bucket
- 52. AGC between slow and fast, on some rigs
- 53. Top scorer list limit
- 54. G elevators
- 55. QC px.
- 56. Home for parts
- 58. Hands on hips
- 60. Newington station
- 61. Mobile ham tracker
- 62. Zagreb ID starter
- 63. Big knob label
- 64. 2010
- 67. Ornaments
- 68. 2002
- 72. In the ether
- 73. PA transistor heat removers
- 74. Bhutan prefix
- 76. Wireless beverage?
- 77. Es
- 78. Church ends
- 79. F-land river bank
- 80. Blog entry
- 81. QR followers
- 82. Floor PTT: _____ switch
- 83. Setting
- 85. 9H-land
- 86. Short contests
- 88. 9N1MM
- 89. Post-holiday mail, say
- 90. YV0 island
- 91. TZ-land
- 92. HV flashovers
- 93. B-plus place

96. JX last name
97. One-word advice in "The Graduate"
101. 2014
104. Lid (in the non-ham world, maybe)
106. Molecule part
107. Course numbers
108. Seas on the moon
109. S2 martial art
110. Work an "insurance" QSO?
111. With "waves" propagated signals, slangily
112. "Who am I ___ ___?"
113. Highly praise
114. Stor.
- Down**
1. Earth conn. pts.
2. Make well
3. Tune into, with "beat"
4. 9X neighborhood
5. Pros opposites
6. DXpedition prerequisite, sometimes
7. Benz ender. Graph ender, too.
8. 1990
9. Stalks on an antenna farm
10. Works for pay
11. Lids after having a few?
12. Packet radio ckt.
13. WAE SSB mo.
14. FB
15. K, spoken
16. CE, CO, or CX cash
18. Battery measure
21. Tired, wired antenna?
25. Elemental memory circuit
27. Like deer, but bigger
29. Probable solvers of this puzzle
33. Surf sounds
34. Former (and part of current) UA news org.
35. Contester's emotion when lightning hits tower at T-minus 1 minute
36. Small change
37. Component
38. Bahrain beginning, phonetically
39. Philosophy 101 subject
40. Carry away, in a way
41. Cross-needle meter maker
42. Freebie
43. 40, 20, and The Beatles
46. What old rigs do
48. ___ firma
49. 555 function
50. 1996
51. Prison-related
53. Endangered animal resembling a swine
54. B, C, and S, for example, in classic radio
55. Nfld. px.
57. Desert sight
59. Hints partner
60. Plano prefix, possibly
63. Namibia, or an odd engine
64. 1-down connectors
65. GHz, for example
66. Awoke
67. CW style variations
69. Ring shaped reef, e.g. 8Q7
70. Bird abodes
71. Info, e.g. sent via PSK31
73. Cluster items
75. OH op.
78. CW
80. Matcher maker
82. Nigeria prefix
83. Single op?
84. 1950s radio paint style
85. SSB inp. devices
87. Numbers to watch during the contest
88. SOS of SSB
89. 2006
91. Craze
92. Even if, briefly
93. NPN complements
94. Grid resistor function
95. Not straight
96. Elser-Mathes Cup QSO target
97. Short shot
98. Thing in a catalog, say
99. Morse, for example
100. 1A-land (abbrev.)
102. Prime time
103. XW ham
105. W6 airport, briefly

Crossword Solution

G	H	Z			R	A	V	E	S		T	E	S	T	S		N	O	P		
N	E	E	D		W	N	I	N	E		O	A	O	N	E		L	I	V	E	
D	A	R	C		A	T	S	E	A		W	R	T	C	P	L	A	C	E	S	
S	L	O	V	E	N	I	A		T	H	E	N	S		A	Z	E	R	O		
			O	L	D	S			T	A	R	S		R	T	T					
			P	O	L	K	A		P	A	L	M	S		P	O	A	C	H	E	D
C	A	N	T	S		B	A	L	E	S		L	A	S	H		L	A	G		
O	N	E	S		T	A	R	P			T	S	A	R	S		P	A	I	L	
M	I	D		T	E	N	T	H		L	I	F	T	S		V	E	T	W	O	
P	C	B	O	A	R	D		A	K	I	M	B	O		W	O	N	E	A	W	
			A	P	R	S		N	I	N	E	A		V	F	O	A				
R	U	S	S	I	A		F	I	N	E	R	Y		F	I	N	L	A	N	D	
O	N	A	I	R		S	I	N	K	S		A	F	I	V	E		T	E	A	
D	I	T	S		A	P	S	E	S		R	I	V	E		P	O	S	T		
S	T	U		F	O	O	T		S	C	E	N	E		M	A	L	T	A		
		S	P	R	I	N	T	S		M	O	R	A	N		B	I	L	L	S	
			A	V	E	S		M	A	L	I		A	R	C	S					
P	L	A	T	E		M	A	Y	E	N		P	L	A	S	T	I	C	S		
N	E	W	E	N	G	L	A	N	D		K	L	U	T	Z		A	T	O	M	
P	A	R	S		M	A	R	I	A		L	A	T	H	I		R	E	D	O	
S	K	Y			T	O	S	A	Y		E	X	T	O	L		M	E	M		

Member Announcement

Dear LARK members,

I've been doing the website since 2002, and I will be retiring as webmaster. If you know of anyone who might be interested, point them my way. It would need to be a long term commitment, and whoever takes this over would need to start from scratch.

For the most part, I have just been doing simple maintenance for years. The website needs a complete re-do with more up to date tools since the tools I've been using aren't worth passing on. A new website wouldn't go live until any bugs or issues get cleaned up, so the stress level wouldn't be horrible.

Any interested please contact me directly.

Arnold Harding, KQ6DI

Swap n' Shop Cave

There are many items available in the cave. Below are a few items. If interested please contact the shop keeper, **Mark KK6UKU** via email **mkshbow2 at gmail dot com** or phone **925 339 4212**.

- President HR2510 Transceiver
- Bearcat Scanner
- Kenwood TM-281
- Ameritron ALS-600 Amplifier
- Heathkit CW Transceiver



March Calendar

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>	<u>Saturday</u>	<u>Sunday</u>
						1
2 Net	3	4 10-10 Net HH Net	5 Tech Net	6	7	8
9 Net	10	11 10-10 Net HH Net	12 Tech Net	13	14	15
16 Net	17	18 10-10 Net HH Net	19 Tech Net	20	21 LARK Meeting	22
23 Net	24	25 10-10 Net HH Net	26 Tech Net	27	28	29
30 Net	31					

LARK MONDAY NIGHT NET
147.120 MHZ + offset, PL 100 AD6KV
Every Monday 7 PM local time
Visitors welcome to join in

Net Control Operator Schedules

Monday Night Net Control Operator Schedule

January

Date	Net Control
1/5/2026	Jon / WB6AEA
1/12/2026	EOC
1/19/2026	Ron / AD6KV
1/26/2026	Ed / AE6D

February

Date	Net Control
2/2/2026	John / WB6ETY
2/9/2026	EOC
2/16/2026	Jon / WB6AEA
2/23/2026	Ron / AD6KV

March

Date	Net Control
3/2/2026	Ed / AE6D
3/9/2026	EOC
3/16/2026	John / WB6ETY
3/23/2026	Jon / WB6AEA
3/30/2026	Ron / AD6KV

EVERYONE is invited to check in to the net. Please contact AE6D ae6d@sbcglobal.net if you need more information or would like to become a Net Control Operator. After the net please call Ed AE6D with the AC/DC statistics or send him the information by email.

Thursday Night Net Control Operator Schedule

If you would like to volunteer or learn to be Net Control please contact Nate N8MOR (nate at nateandamy dot org)

Date	Primary Net Control	Backup Net Control
1/1/2026	New Year's Day	Holiday
1/8/2026	Nate / N8MOR	
1/15/2026	Rich / KN6HSR	Nate / N8MOR
1/22/2026	Bill / AJ6UU	Rich / KN6HSR
1/29/2026	David / K6WOO	Bill / AJ6UU
2/5/2026	Don / W2DON	David / K6WOO
2/12/2026	Adrian / W6AG	Don / W2DON
2/19/2026	Phil / KM6KEU	Adrian / W6AG
2/26/2026	Garrett / W6ILO	Phil / KM6KEU
3/5/2026	Brian / KA6ZED	Garrett / W6ILO
3/12/2026	Peter / AI6RG	Brian / KA6ZED
3/19/2026	Nate / N8MOR	Peter / AI6RG
3/26/2026	Rich / KN6HSR	Nate / N8MOR

Regularly Scheduled Nets

LARK/LIVERMORE NET	Every Mon	1900 local 147.120+	PL 100
RACES Net	Every MON.	1900 local	
Windfarms 10-10 NET	Every WED.	1930 local 28.485	USB
Hams Over IP NET	Every WED.	1900 Bridge 10096	PIN 7120
LARK TECH NET	Every THURS.	1930 local 147.120+	PL 100
LLNL Retiree NET	Every FRI 8:30 am	0830 local	7.2630 LSB
SWOT	Every Sun. & Tues.	2000 LOCAL	144.250 USB
THE NOON TIME NET	EVERYDAY	1200-1400 LOCAL	7.2685 LSB & 3970 LSB
RV RADIO NET	MON - FRI	0800-0930 LOCAL	7.2685 LSB

LARK Contacts

LARK-LIVERMORE AMATEUR RADIO KLUB P.O. BOX 3190
LIVERMORE, CA 94550-3190 Web: <http://www.livermoreARK.org>
 E-mail list: livermoreark@groups.io

GET YOUR HAM LICENSE OR UPGRADE. LARK conducts all levels of license testing (upon request) at the Livermore City Council Chambers following club meetings (3rd Sat. each month). Contact Ron Kane, AD6KV (AD6KV at arrl dot net) 2 weeks in advance.

OFFICE	CONTACT	CALL	E-mail	Phone
President & Events	George Moorehead	KG6GEM	kg6wui1 at comcast dot net	925 516 2676
Vice President	Chris Quirk	W6CJQ	w6cjq at yahoo dot com	925 202 1198
Secretary	Ryan Mahoney	W6RAM	ryan dot andrew dot mahoney at gmail dot com	925 786 0640
Treasurer	Peter Bedrossian	AI6RG	treasurer at livermoreark dot org	
Board (PP)	Roger Deming	KK6RD	rogerdeming at yahoo dot com	925 484 1285
Board	David Counts	KG6WIR	dlcounts at sbcglobal dot net	925 895 4698
Board	Nate Moore	N8MOR	nate at nateandamy dot org	925 577 4916
Activities	Jerry Benterou	N5KA	benterou at gmail dot com	925 321 3263
	Steve Nissen	K8YIP	s dot nissen55 at gmail dot com	650 270 3796
Repeater Chair	Ian Parker	W6TCP	w6tcpian at gmail dot com	
APRS / Website	Arnold Harding	KQ6DI	kq6di at comcast dot net	
Newsletter Editor	Gregory Kiyoi	KN6RUQ	editor at livermoreark dot org	
Membership	Bernie Bernstein	NJ6W	membership at livermoreark dot org	925 858 4608
	Julian Riccomini	WB6BDD	wb6bdd at gmail dot com	
Net Coordinator	Ed Diemer	AE6D	ae6d at arrl dot net	
RFI	Gary Johnson	NA6O	gwj at me dot com	
T-Hunts	Brian Zoraster	KA6ZED	ka6zed at gmail dot com	925 786 8412
	Rich Harrington	KN6FW		
Swap n Shop	Mark Bowers	KK6UKU		925 339 4212
Ask the Elmer	Lee Zalaznik	KI6OY	lee dot zalaznik at sbcglobal dot net	925 699 5998
Hospitality	Brian Zoraster	KA6ZED	ka6zed at gmail dot com	925 786 8412



Facebook—<http://www.facebook.com/LivermoreARK>
 Twitter link : <https://twitter.com/LivermoreARK>



Special interests: View: AREDN Mesh <http://www.aredn.org>.

CERT NEWS: CERT contact - Email: cert@lpfire.org or (925) 454-2361
 Meetings 3rd Wednesdays. Remillard RM 3333 Busch Rd. Pleasanton.

LARK Membership Form



LARK LIVERMORE AMATEUR RADIO KLUB

P.O. BOX 3190, LIVERMORE, CA 94551-3190

An ARRL Affiliated Club

LARK MEMBERSHIP FORM - Print, fill out, mail in with check.

Circle all that apply: New / Renewing / Family **Date:** _____

NAME: _____

CALL SIGN: _____ (Leave blank if no call sign)

ARRL MEMBER? YES / NO

ADDRESS: _____

PHONE: () -

UNLISTED? ___ YES ___ NO

Enter your E-mail here and stay connected: _____
 LARK NEWS featuring upcoming club events and articles is available monthly via email.
 Access the current and back issues on our website. <http://www.livermoreark.org/>

ADDITIONAL FAMILY MEMBERS (At the same mailing address, only \$2.00 per person)

NAME	CALL SIGN	AARL MEMBER	PHONE	EMAIL
		___ YES ___ NO		
		___ YES ___ NO		
		___ YES ___ NO		

ANNUAL DUES # _____ PRIMARY (\$20.00) **ADDITIONAL MEMBERS** # _____ (\$2.00 each)

TOTAL: \$ _____ **MAKE CHECKS PAYABLE TO:** *Livermore Amateur Radio Klub*. Thank You.

Membership is \$20.00 per calendar year starting on Jan 1 through Dec. 31.

To complete membership by mail: print and fill out this form, include a check payable to *Livermore Amateur Radio Klub*, and mail to: LARK Membership Chairman, P.O. Box 3190, Livermore, CA, 94551-3190. Please be sure your complete mailing address, e-mail, and call sign are on your check.

Questions? Contact the Membership Team via email: membership@livermoreark.org You may also complete membership application and payment by: Bringing this form filled out and pay by cash or check to either the Membership Chairman or Treasurer at any general meeting. Or: pay with a credit card or PayPal account on the Club's membership page:

<http://livermoreark.org/membership/membership.html>.

Thank you and welcome aboard from LARK and the Membership Team.

Jan 18, 2026