

# LARK NEWS August 2024



*Livermore Amateur Radio Klub LARK is an ARRL affiliated club dedicated to Public Service Volunteer Emergency Communications. Meetings are once a month on the 3<sup>rd</sup> 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*

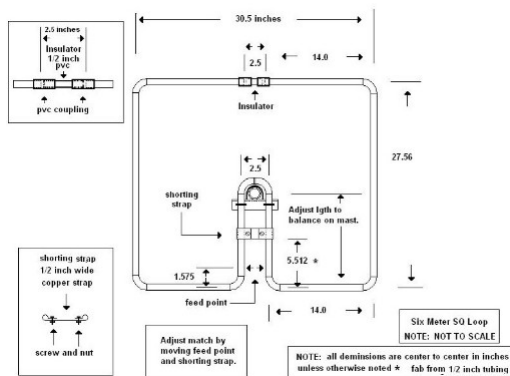
**Editor: Gregory Kiyoi KN6RUQ**



*Photo by Nate, N8MOR*



*Photo by Aaron, N6ACA*



*Diagram by Gary, NA6O*



*Photo by Bill, AJ6UU*

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# Presidents Message

I want to thank **Noah N6TW** for making the coffee and picking up the refreshments for monthly meetings. I would like to have someone help him if possible. 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 2024, and I have an update: The following events will be happening:

- **Patterson Pass Road Race on Sunday, August 4<sup>th</sup>.**
- **Pacificon LARK Booth on Saturday & Sunday, October 19<sup>th</sup> and 20<sup>th</sup>**
- **Pacificon Swap Meet on Sunday, October 20<sup>th</sup>**
- **Cycle for Hope Bike Ride Event on Sunday, October 20<sup>th</sup>**

We need 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.

I wanted to thank **Nate N8MOR** for doing a great job with the LARK Field Day Activities and the July 4<sup>th</sup> 5K Foot Race event and thanks to all who participated.

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

**Ian W6TCP** and **Nate N8MOR** continue to

work on enhancing the repeaters for use by all of us so please report any issues to Ian or Nate 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 Diemer 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.

**NOTE: August meeting will be only on Zoom.**

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

# Notes from the Editor

Thanks to all “Show-n-tell” presenters at the July meeting. The handcrafted hardwood bug by **Gary NA6O** was a work of art.

Please send any ideas and content to me.

[Gregory KN6RUQ](#)



A **Coastal Region exercise** is scheduled for August 22, 2024.

Imagine the northern coast of California is hit with an offshore earthquake along the Cascadia Fault. Internet and wireless communication are severely impacted, thus auxiliary communications will be activated. Local partners will be activated by the local OES. EOC is staffed after an estimated 2-3 hours from the initial earthquake. EOC staff will create mutual aid requests and send them to other coastal region counties. An added level of realism will be injected into the exercise by requiring players to send resource status updates to their OA partners.

This exercise is focused on auxiliary communications. The challenge involves the technical skill for various modes of communication across 16 counties as well as critical thinking on how to get the message through to the intended recipient in the absence of a known path.

Registration is now open to all: <https://humboldt.gov/FormCenter/Office-of-Emergency-Services-23/2024-Coastal-Region-Radio-Exercise-Parti-232>

Thanks **Ron AD6KV** for posting to the LARK group - <https://livermoreark.groups.io/g/main/message/15049>

# Monthly Meeting Minutes



## **LARK General Meeting | July 20, 2024 | Minutes**

### **Call to Order**

1. Meeting called to order by George KG6GEM at 9:31am.
2. George started introductions, first of In-Person attendees and then Zoom attendees.
3. 22 Members present / 7 on Zoom / 2 Guests = 31 Total attending the meeting.
4. George welcomed two new hams attending today.

### **Presentation**

1. George KG6GEM introduced Jerry N5KA to start the Ham Show & Tell with many different members sharing their projects

### **Vice President's Report - Chris W6CJQ**

1. Wondering if anyone knows more about M17 (similar to DMR)

### **Treasure's Report - Peter AI6RG**

1. Bank account balance is stable

### **Activities - Jerry N5KA**

1. August: Zoom only meeting, there will be no in person meeting. Gordon West will be talking on Zoom.
2. September: Lee KI6OY will talk about State QSO parties
3. December: Holiday gift exchange
4. Need suggestions for future months presentations, please contact Jerry N5KA or Steve K8YIP with ideas.

### **David KG6WIR**

1. Participating in 2024 Humboldt Coastal exercise simulating a large earthquake, happening 8/22.
2. A good opportunity to practice

### **Events Update - George KG6GEM**

1. July 4<sup>th</sup> LARPD 5K event went well, and the club was appreciated for their help
2. August 4<sup>th</sup> is Patterson Pass Road Race, we can always use your help
3. Pacifcon SWAP MEET and LARK BOOTH, October 19<sup>th</sup> and 20<sup>th</sup>
4. Cycle for Hope in Dublin October 20<sup>th</sup>
5. Go to the LARK website sign up and volunteer for these events.

### **Newsletter - George KG6GEM**

1. Monday night deadline for the newsletter, get articles to Greg KN6RUQ

### **Membership - Julian WB6BDD**

1. 156 members

### **Old Business**

1. Minutes from the June regular and board meeting approved unanimously.

### **Repeaters - Ron AD6KV**



1. Sometimes there seems to be issues being heard on the opposite linked repeaters
2. Ron will be Net Control on Monday night and will do separate check ins for each repeater.

#### **VE Testing - George KG6GEM**

1. There will be 1 VE test after today's meeting.
2. They will move to the kitchen for the test.

#### **Field Day - Ron AD6KV**

1. Field Day seemed to be fun and had 35 attendees

#### **Operating**

1. Gary N6AO SSB and CW on 2 and 6 meter for the next 24 hours. America RTTY contest happening today.
2. Roberto K6KM to Europe Hamvention and then had SOTA dinner and attended a SOTA campout in Oregon with about 55 people.
3. Brian KA6ZED 35 years ago was contacted by Clancy and was taken to CW class at Granada high. Brian never forgot LARK and the repeater and then 2 years ago when he got his license he joined Lark.

#### **Ask the Elmer - Lee KI6OY**

1. Brian KM6EMU asked Lee if there was a difference in measuring spurious emissions with the Tiny SA antenna or using a cable. Lee said there is no difference but if using a cable you need to use a attenuator pad.
2. Lee says if anyone is interested in RTTY contact him for help.

#### **Adjournment**

1. August Club Meeting will be Zoom only.
2. George KG6GEM adjourned the meeting at 10:46 AM

Minutes submitted by:

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Ryan Mahoney (W6RAM) - LARK Secretary

# Board Meeting Minutes



## **LARK Board Meeting | July 15, 2024 | Minutes**

**Attendees:** George, Peter, Jerry, Roger, Bernie

**Absent:** Chris, Ryan, Nate, David

### **Call to Order**

1. Meeting called to order by George at 7:35 PM.

### **Treasurer's Report – Peter**

1. The club's finances are in good shape. Rich Combs is doing well with sales.

### **Activities – Jerry**

1. All meetings are covered through the end of the year.
2. Jerry and Steve K8YIP are working on 2025.

### **Events – George**

1. Field Day and the July 4<sup>th</sup> LARPD 5K Run went well. Thank you to Nate N8MOR for organizing.
2. August 4<sup>th</sup> Patterson Pass Road Race, sign up available on LARK website
3. Looking for someone to lead SWAP MEET and LARK BOOTH at Pacificon in October 2024

### **Membership – Julian**

1. 153 paid members

### **501c3 – Bernie**

1. The case is not assigned yet
2. They are processing about 10,000 applications per month so it will take time

### **Newsletter Software Update – Bernie**

1. The board approved the approximate cost of \$83.00 to be spent to update the Newsletter Software.

### **Adjournment**

1. George adjourned the meeting at 7:55 PM.

Minutes submitted by:

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George Moorehead (KG6GEM) for Ryan Mahoney (W6RAM)– LARK Secretary

# Community Activities



**We NEED You!  
Sign Up NOW**



**Patterson Pass Road Race - Sunday, August 4, 2024**  
<https://www.signupgenius.com/go/10C0844AEAD28A6FA7-patterson1>

This event takes place in the hills east of Livermore. The races start at 8am and finish about 1pm. There will be a radio check-in at 7:30am. The ham radio volunteer should be able to handle this assignment with a hand held.



**Pacificon 2024, Sat & Sun, Oct 19 & 20, 2024**

**LARK Booth:** Opportunity to tell people about LARK and encourage them to join LARK. Sat (9am-6pm) & Sun (9am-2pm) 2-3hr shifts. You can sign up for multiple shifts. <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-44377069-lark#/>

**Swap Meet:** LARK has hosted this event for the MDARC Radio Ham Club in the past years. We have been requested to support this event again this year. There are two shifts on Sunday (4am & 9am). <https://www.signupgenius.com/go/10C0844AEAD28A6FA7-pacificon1#/>



**CYCLE of HOPE**  
PRESENTED BY  
Habitat for Humanity  
East Bay/Silicon Valley  
Patelco  
CREDIT UNION

**Cycle of Hope Bike Ride Event - Sunday, October 20, 2024**  
<https://www.signupgenius.com/go/10C0844AEAD28A6FA7-44577659-cycle>

This is a fund-raiser bicycle ride of up to 50 kilometer. There is a need for radio volunteers for this event that starts and finishes in Dublin. Support is needed for SAGs and Stationary Posts from 7am to 3pm.



# Antenna of the Month

## Squalo by Gary, NA6O

A popular and compact antenna for 6 and 2 m is the square loop, also called a squalo. Available commercially or easily built from copper tubing, it offers an omnidirectional pattern, horizontal polarization, and a good match to 50 ohms. In principle it could be built for any band but low VHF is where it's most popular and practical. It's a nice complement to a vertical, and also handy for a "quick look around" if you only have a Yagi. In this article, we'll look at a popular design for 6m, one that I built myself in a few hours when desperate for an antenna to join an ongoing June VHF contest (Fig. 1).



Figure 1. My emergency 6m squalo, made of refrigerator tubing and installed on a piece of conduit,

design is that if we do nothing special, the impedance at the feedpoint would be very low, on the order of 10-15 ohms. So some form of matching device is required to transform that up to 50 ohms.

There are many ways to provide a match including transformers, transmission line matching sections, LC networks, gamma match, beta match, and others. In this case, we will follow the lead of the most common design for 6m and use a modified beta match. A full description of how a beta match works is beyond the scope of this short note but is covered in detail in ARRL *Antenna Handbook*. It turns out that it's what amounts to a simple loop of wire placed across the feedpoint acts as a small inductor. This is also called a *hairpin* match. By adjusting the geometry of the antenna (chiefly its length), we force it to have a small effective capacitance at the feedpoint at the center of the desired band. When combined with our little inductor, they act like an L network. L networks in general are very useful in impedance transformation, and in this case it's configured to convert a lower to a higher impedance. It's just a matter of mechanical adjustment.

Figure 2 shows a good design from PA3EGH.

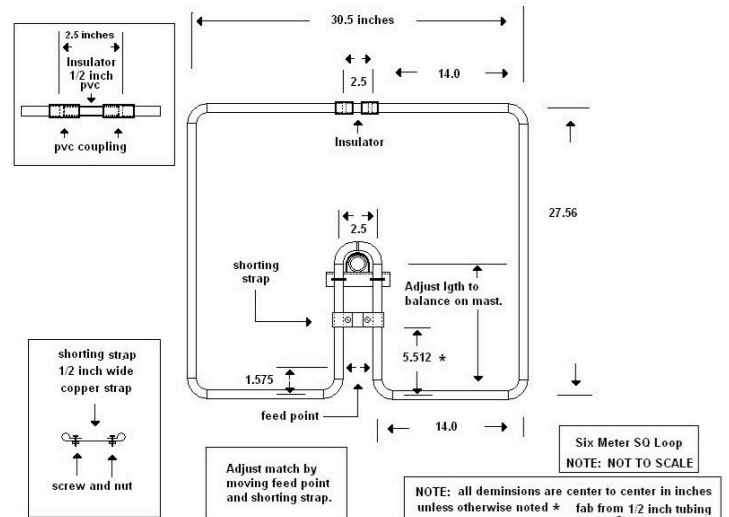


Figure 2. <https://www.pa3egh.nl/homemade/antenna>

The squalo is basically a dipole (half wavelength of course) with the ends bent around until they nearly touch. This is not to be confused with other loop designs of various lengths that are in fact contiguous closed loops. An important factor in its

Make it from half-inch copper tubing and fittings for best results, or bend it up from soft refrigerator tubing (kinked corners are ok). Coax attaches at the locations marked "feed point." You will need to come up with some kind of clamps to make the connections. There's a shorting strap that determines the length of the beta match loop. Adjust that carefully for lowest SWR. To change resonant frequency, either trim the ends of the antenna that go into the insulator, or try bending them apart. A piece of aluminum angle can be used to attach it to the mast, and it's pretty well balanced.

A common-mode choke is needed, as close as you can get to the feedpoint. Two turns through a mix 31 ferrite toroid, or a series of 5 or 6 beads or clamps over the coax will work fine. This will prevent the outside of the coax from becoming part of the antenna and detuning it, along with conducting noise onto the antenna.

I ran some simulations in EZNEC with the antenna up 20 feet and the results are shown in Figs. 3 through 5. An SWR less than 2:1 is available over a 1 MHz bandwidth. Peak gain is about 1 dB less than a simple dipole in exchange for a more omnidirectional pattern. It's somewhat directional along the centerline of the antenna as shown in the azimuth pattern. For additional gain, two or more antennas can be stacked and fed via a phasing harness like the ones from M-Squared (m2inc.com). Overall, this is a simple and robust antenna that anyone can build.

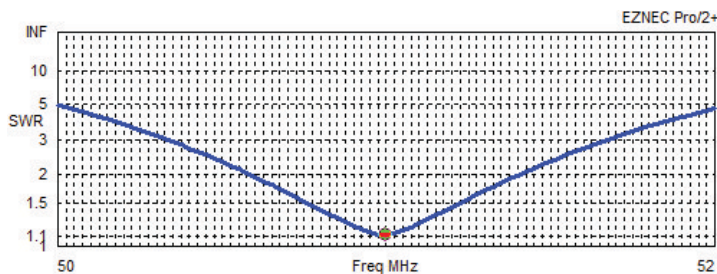


Figure 3. SWR when optimized for 51 Mhz.

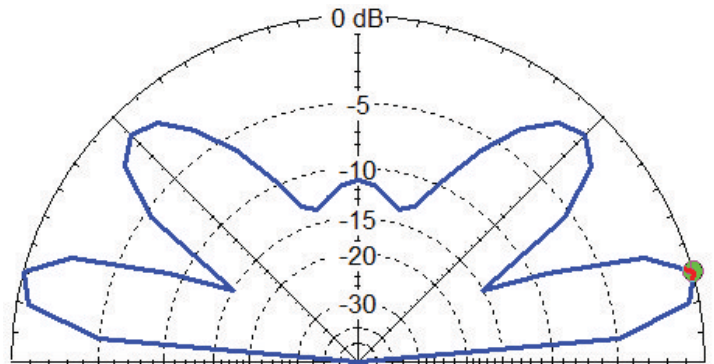


Figure 4. Pattern in elevation along centerline with the antenna at 20 ft. Outer ring is 6.75 dBi.

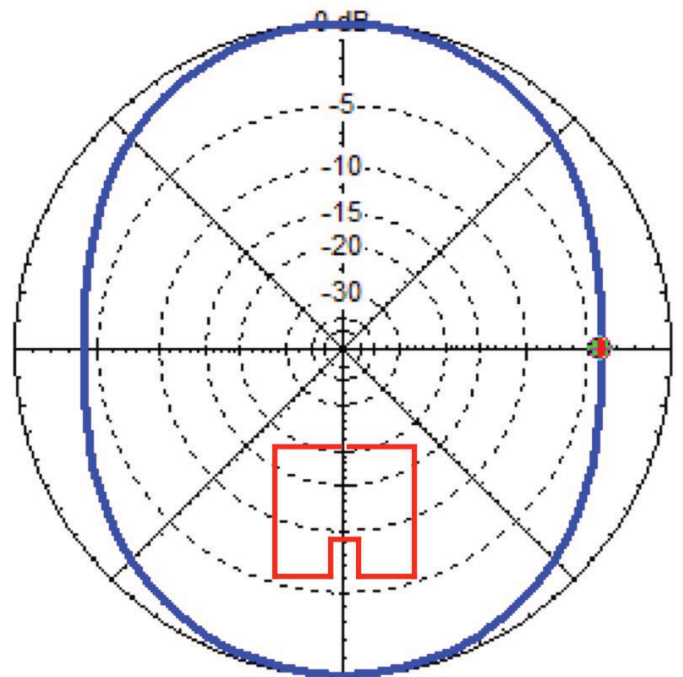


Figure 5. Pattern in azimuth at an elevation of 15 degrees. Outer ring is 0.0 dBi.

### Next Month: OCF

Everyone should explore **EZNEC** a free and very powerful program, available from <https://www.ez nec.com/> and discussed in the *ARRL Antenna Handbook* among other places.

# Field Day



**Nate Moore, N8MOR**

Setup began around 9:30am, with official operation beginning at 11am local time.



As has become the norm, field day was another scorcher, but the team still showed up, stepped up, and had a good day.



This year we were visited by the **ARES section manager** as well as the **ARRL section manager**.

All told, we had 35 people show up. We had 100+ QSOs between all the operators present.

There were 10 people who participated in the fox hunt, and everyone found the fox!

As always, we ended the day with the club summer BBQ, which was enjoyed by all.

Ideas on how to improve things for next year are already percolating in various threads.

As always, much thanks to the City of Livermore and Livermore Airport for the use of the space, as well as the volunteers that helped make it happen!

# Field Day Thoughts



Aaron Anders, N6ACA

This year I was hoping to operate with LARK during the ARRL Field Day from June 22-23. Due to family constraints I was not able to participate at the airport, but it did not stop me from participating from home as a solo operation.

In 2023, I operated as a 1D home station and just made a few contacts on FT8 in the last few hours of the event. This year I decided to put much more effort into the operation. I decided to operate as a 1E station, using only emergency power and natural power in a combination of solar and batteries. All of my equipment was setup in the backyard as well as a temporary antennas setup.

Here are my lessons learned:

**POTA and SOTA are great programs to help improve your skills leading up to Field Day.** This includes managing small pileups when calling CQ, quickly logging, as well as technical skills in setting up your own equipment in the field. These activations can help you properly size solar and battery setups based on your operating style, not just estimations based on duty cycle.

**Use the equipment you have.** Field day is a good chance to test out the equipment that you already own. Whether you have portable equipment meant for the field, or if you have base station equipment, it is a great chance to test them under emergency conditions.

**Simple antennas can be effective.** I built a 40m inverted V out of garbage in my junk box. It can be fun to try to see what you can improvise in a pinch. I had several other ham sticks and portable verticals waiting in the wings, but I had success on 80 to 10m using the inverted V using a tuner, so I ended up with that the whole time.

**Be better prepared for weather!** The laptop I used for logging overheated and shut down on two occasions in the 105 degree heat. I moved back to paper and pen for logging until it cooled down. I also made sure to hydrate and jumped in the pool a few times to make the heat much more bearable.



**Know your equipment's quirks.** I use a Xiegu G90 for digital modes, and on occasion when FLrig starts up it will reset the rig settings, including the power to the default of 1 watt. I was having limited success on 10m and made QSOs to Pleasanton and British Columbia before I figured out I was at the minimum power level. Beyond radios, other supporting equipment can be quirky. The power bank that I used to power the laptops could charge from solar panels and power equipment on DC power simultaneously with no issues, but could not charge and use the built in AC inverter at the same time. This is the first time I've used it in the capacity, so it is something that I'll note for the future.

**Centralize and automate logging.** After a really informative phone call with Larry W4UAT before the ARRL 10m contest last year, I decided to pull the trigger and buy the N3FJP logging software. It has been great for general logging, but they have individual applications you can download for various contests and events.

The Field Day application that is included in the big package has the ability to receive logging data from WSJT-X and other digital mode programs. If I were operating a field day setup with more than one operating position using the same callsign, this would make logging so much easier.



**Try different bands and modes that you might not normally use.** I was expecting to work 20/15/10m for SSB phone, but had minimal success. Instead I had great success with 40m SSB phone during the afternoon, when I would have expected the band to be too noisy. Later in the night I also found that 40m FT4 was lively, as well as a lot of 80m FT8.

**Make sure to have fun!**

# Independence Day Dash

## Nate Moore, N8MOR

Recap of the Successful Independence Day Dash!

I am delighted to report that our recent race support was a tremendous success!

Held on **July 4<sup>th</sup> at Sycamore Grove Park**, the event brought together runners, radio enthusiasts, and community members for a day filled with fun, exercise, and excellent communication.

## Event Highlights

- 1. Race Day Communications:** Our club members demonstrated outstanding coordination and communication skills, ensuring the safety and smooth operation of the race. With radio operators stationed along the route, we were able to provide real-time updates and support to participants.
- 2. Participation and Results:** We had an impressive turnout, with **243 runners** participating. Congratulations to our top finishers:
  - *First Place:* **Oscar Angel – 16m 1s**
  - *Second Place:* **Liam Manley – 16m 19s**
  - *Third Place:* **Eshaan Singh – 16m 49s**Additionally, many participants achieved personal bests, making the event even more memorable.
- 3. Live Updates:** Throughout the race, our team provided live updates over on WA6ODP/AD6KV repeaters, keeping everyone informed about race progress and key moments. This feature was particularly appreciated by supporters and volunteers.
- 4. LARPD was especially grateful:** We heard several times from both the public as well as the event organizers just how great it was to have us and how valuable we were to the event. They intend on reaching out for future events where participant tracking is of help.



David, K6WOO



Jerry, N5KA

## Acknowledgments

We extend our heartfelt gratitude to everyone who made this event possible:

- **Volunteers:** Thank you to all the volunteers who assisted with race logistics, water stations, and communication support. Your efforts were crucial to the event's success. **Bill AJ6UU, David K6WOO, Jerry N5KA, George KO6EYE, Noah N6TW, Michael W6KX, and Don KN6YGO**, you all were amazing, and I thank you from the bottom of my heart.
- **Participants:** A big thank you to all the runners who took part. This event really would not have happened without the runners.
- **Sponsors:** Huge shout out to **LARPD** for sponsoring this event for the community.

We look forward to more events like this in the future, continuing to bring together our community through the love of amateur radio and active living. Thank you all for your participation and support!

# Visit to the Ham Convention Friedrichshafen

## Roberto Sadkowski, K6KM

Two years ago I visited Hamvention at Xenia, Ohio. I got my own personal impression of the event and don't regret going, although I am not desperate of going again. Since then, my sights have been on the largest European counterpart at Friedrichshafen, Germany. I managed to accomplish this.

Friedrichshafen is a small town on the shores of Lake Constance. The other side of the lake is Switzerland and there are boats departing to multiple destinations all the time. The town was also home to Zeppelin's factories and airports. There is an interesting museum downtown built in 1930's Art



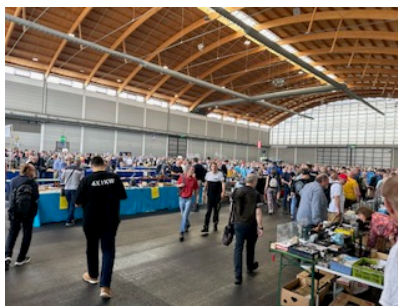
Deco style and it's made to resemble an air terminal. I visited the museum and learned quite a lot of the history and construction of these airships, all the way to

the Hindenburg disaster.

The Convention is held at Messe Friedrichshafen which is basically a large Convention Center. It is open Friday, Saturday and half day Sunday.

I purchased my tickets and parking permits online for each day while still in the US. The event is very well organized and clean (which is a big difference with Xenia).

Once the gates were open, people rushed to the left and I went to the right. Later I learned that the Flea Market was on



rush there as early as possible.

the left and the new stuff was on the right. So, people who frequent yearly the event and are eager to purchase the cream of the cream at the flea market

One down thing for me was that 90% of the presentations were in German. You would think that at this stage of the AI revolution there would be real time translation to several languages projected on the screen, but no. After all, we're Amateurs and Hams. It takes a bit to adopt new technologies.

DARC, the German version of ARRL, organized quite a few interesting events. Some were End Fed Antenna builds; other had to do with Youth. There were quite a few youngsters and were well entertained.

The section containing vendors also had Club booths. I visited them all and had nice chats with some of them. There was a booth for SOTA where I met some of my DX chasers.

Nothing super new was on display but there were some interesting European companies showing state-of-the-art direction finding equipment based on SDR, some sophisticated albeit utterly expensive transceivers and antennas in general.



You can walk miles and miles in that Convention Center and never get tired of it.

Another negative observation was that there was no “badge” distributed. There were though, badge holders available. Most of the participants had new or previous event T-Shirts or Polos with their name and callsign on them. After a few hours I gave up and got my own Polo so people can identify me. You would think who would know me? Well, W6PNG, Paul, a fellow Mountain Goat (originally from UK but who lives in California) was there and we met at the Elecraft booth.

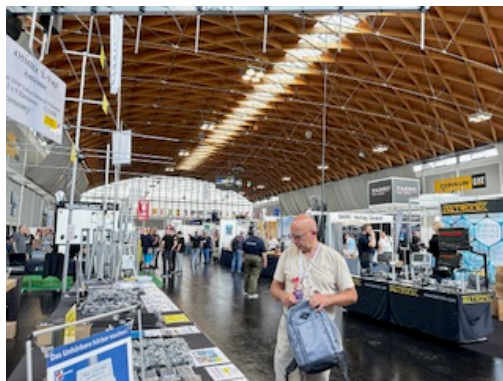
Also, while walking aimlessly through the flea market, PA5KM who chased me continuously during my SOTA activations recognized my call and stopped me. We had a nice chat.

While testing a used CW paddle, I was calling CQ to the sound waves. A person came next to me and using the same key, answered my CQ. We went back/forth a few times while the vendor was imagining, one of these will make the purchase. At the end, the gentleman reach through his bag, took a QSL card and filled it up for me. Turkish Amateur



Radio Club. For band he stated “Eye Ball”. Not sure ARRL would accept it but it was a great story. Of course, neither one of us bought the overpriced key.

The Flea Market beats Xenia’s by several orders of magnitudes. Xenia was mostly discarded junk that belonged to a recycling center at prices nobody in their right mind, would be willing to pay. This flea market was sourced with lots of interesting



components. Many high voltage capacitors (any value you might need), special microwave couplers, dummy loads

of all kinds, some museum like pieces, transverters, you name it. The vendors seem to come from different countries. Mostly Germany and Italy with some Spain and Portugal.

I can imagine if you come to this event yearly, you would start a list of needed components and then make your purchases the first day of the event.

Prices were high in my humble opinion with the usual comment: Sunday you might get it cheaper, if the vendor and the item are still there.



I attended a very interesting presentation of history of morse keys. The fellow was making a point that he has filled his collection mostly from Friedrichshafen rather than Xenia’s junk.



Friday night there was a S O T A dinner and I joined 70 other activators, mostly from Europe but there were



There was a QSL wall also, and some people rushed to it to pin theirs.



There was a world map wall where you could stick a color pin depicting your point of origin.



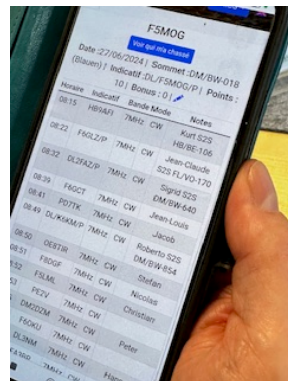
some visitors from VK also. We had a great time exchanging stories and QSL cards.

Overall it was a great experience. Xenia beats on vendors, but Friedrichshafen on Flea Market and cleanliness.

Hope this helps you have a better idea what to expect if you have the good fortune of attending in the future.

Next Month I will share my **SOTA activations** in France and Germany.

In fact, the gentleman next to me was from France. He pulled out his phone log and found me with Summit-to-Summit. Instantly he filled out a QSL card for me. I'll return the favor via mail as I didn't have any of my cards with me.



I would definitely be more prepared if I have to go again.

# August 2024

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

### July

Date	Net Control
7/1/2024	John / WB6ETY
7/8/2024	EOC
7/15/2024	Jon / WB6AEA
7/22/2024	Ron / AD6KV
7/29/2024	Ed / AE6D

### August

Date	Net Control
8/5/2024	John / WB6ETY
8/12/2024	EOC
8/19/2024	Jon / WB6AEA
8/26/2024	Ron / AD6KV

### September

Date	Net Control
9/2/2024	Ed / AE6D
9/9/2024	EOC
9/16/2024	John / WB6ETY
9/23/2024	Jon / WB6AEA
9/30/2024	Ron / AD6KV

**EVERYONE** is invited to check in to the net. Please contact AE6D [ae6d@sbcglobal.net](mailto: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

Date	Primary Net Control	Backup Net Control
7/4/2024	Holiday - No Net	NA
7/11/2024	Brian / KA6ZED	Peter / AI6RG
7/18/2024	Nate / N8MOR	Brian / KA6ZED
7/25/2024	Rich / KN6HSR	Nate / N8MOR
8/1/2024	David / K6WOO	Rich / KN6HSR
8/6/2024	Bill / AJ6UU	David / K6WOO
8/15/2024	Noah / N6TW	Bill / AJ6UU
8/22/2024	Peter / AI6RG	Noah / N6TW
8/29/2024	Brian / KA6ZED	Peter / AI6RG
9/5/2024	Nate / N8MOR	Brian / KA6ZED
9/12/2024	Rich / KN6HSR	Nate / N8MOR
9/19/2024	David / K6WOO	Rich / KN6HSR
9/26/2024	Bill / AJ6UU	David / K6WOO

## Regularly Scheduled Nets

LARK/LIVERMORE NET	Every MON.	1900 local 147.120+	PL 100
RACES Net 7pm	Every MON.		
Windfarms 10-10 NET	Every WED.	1930 local 28.485	USB
HamShack Hotline Net	Every WED.	1900 Bridge 363	PIN 0331
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	EVERY DAY	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](mailto: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.net) 2 weeks in advance.

OFFICE	CONTACT	CALL	E-mail	Phone
President & Events	George Moorehead	KG6GEM	<a href="mailto:kg6wiu1@comcast.net">kg6wiu1@comcast.net</a>	925-516-2676
Vice President	Chris Quirk	W6CJQ	<a href="mailto:w6cjq@yahoo.com">w6cjq@yahoo.com</a>	925-202-1198
Secretary	Ryan Mahoney	W6RAM	<a href="mailto:ryan.andrew.mahoney@gmail.com">ryan.andrew.mahoney@gmail.com</a>	925-786-0640
Treasurer	Peter Bedrossian	AI6RG	<a href="mailto:p.bedrossian@comcast.net">p.bedrossian@comcast.net</a>	925-606-1342
Board (PP)	Roger Deming	KK6RD	<a href="mailto:rogerdeming@yahoo.com">rogerdeming@yahoo.com</a>	925-484-1285
Board	David Counts	KG6WIR	<a href="mailto:dccounts@sbcglobal.net">dccounts@sbcglobal.net</a>	925-895-4698
Board	Nate Moore	N8MOR	<a href="mailto:nate@nateandamy.org">nate@nateandamy.org</a>	925-577-4916
Activities	Jerry Benterou	N5KA	<a href="mailto:benterou@gmail.com">benterou@gmail.com</a>	925-321-3263
	Steve Nissen	K8YIP	<a href="mailto:s.nissen55@gmail.com">s.nissen55@gmail.com</a>	650-270-3796
Repeater Chair	Ian Parker	W6TCP	<a href="mailto:w6tcpian@gmail.com">w6tcpian@gmail.com</a>	
Web Site	Arnold Harding	KQ6DI		
Newsletter Editor	Gregory Kiyoi	KN6RUQ	<a href="mailto:gkiyoi@gmail.com">gkiyoi@gmail.com</a>	925-456-4734
Membership	Julian Riccomini	WB6BDD	<a href="mailto:wb6bdd@gmail.com">wb6bdd@gmail.com</a>	
Net Coordinator	Ed Diemer	AE6D	<a href="mailto:ae6d@arrl.net">ae6d@arrl.net</a>	
RFI	Gary Johnson	NA6O	<a href="mailto:gwj@me.com">gwj@me.com</a>	
T-Hunts	Brian Zoraster	KA6ZED	<a href="mailto:ka6zed@gmail.com">ka6zed@gmail.com</a>	925-786-8412
	Rich Harrington	KN6FW		
Swap n Shop	Richard Combs	KN6HSR	<a href="mailto:kn6hsr@arrl.net">kn6hsr@arrl.net</a>	
Ask the Elmer	Lee Zalaznik	KI6OY	<a href="mailto:lee.zalaznik@sbcglobal.net">lee.zalaznik@sbcglobal.net</a>	925-699-5998



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](mailto:cert@lpfire.org) or (925) 454-2361

Meetings 3rd Wednesdays. Remillard RM 3333 Busch Rd. Pleasanton.

# LARK Membership Form



1-

An ARRL Affiliated Club

-	
Circle all that apply: New /                      /Family	
NAME: CALL SIGN: _____ ARRL MEMBER? Yes / No	
Address:	
PHONE: (        )        - UNLISTED? ____YES ____NO	
Enter your E-mail here and stay                      _____                      _ LARK mail. <a href="http://www.livermoreark.org/">http://www.livermoreark.org/</a>	
NAME	
PHONE	
EMAIL	
<b>ARRL MEMBER</b>	
<p><b>Membership is \$20</b> <span style="float: right;">To complete</span></p> <p style="text-align: center;">P.O. Box 3190, Livermore, CA, 94551-3190 Please be sure -mail, and call sign are on your check.</p> <p>Contact the Membership Team                      <a href="mailto:membership@livermoreark.org">membership@livermoreark.org</a></p> <p>cash or check to either                      Or: pay with a credit card or PayPal account on the Club's membership page:</p> <p style="text-align: right;"><b>Team.</b></p>	