

LARK NEWS August 2022



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

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

Available live via zoom by invitation only. Visitors Welcome

Editor: Roberto Sadkowski K6KM



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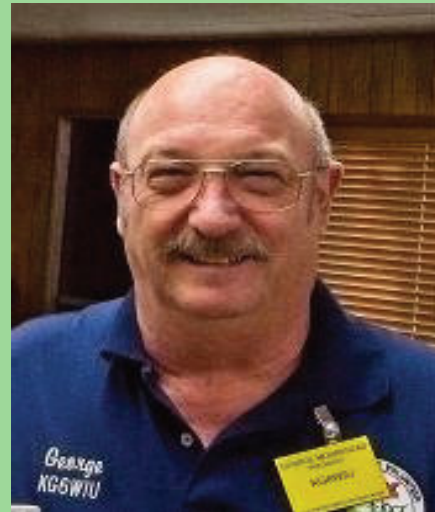
President's Message

I want to take this time to thank Bernie NJ6W for making the coffee and picking up the refreshments for monthly meetings, it is appreciated by all who attend.

I wanted to let you know that the Events Chairperson (me) is following the upcoming events for 2022, and I have an update: the following events will be happening, the Patterson Pass Road Race on August 7th, Pacificon SWAP MEET on October 16th. Make sure to sign up on the LARK website for these events for which LARK supports. I encourage you to participate in the Technical Sessions/ Meetings that will be on different topics and promising it will be very interesting. Make sure to watch for the schedule of the dates and topics coming out in the Newsletter. I wanted to thank Ron AD6KV and VE Team for continuing to provide a way for hams to get their testing completed. Thanks to Ron AD6KV and Nate N8MOR for coordinating the 2022 Field day activities.

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 Diemer 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 a very healthy and safe summer 2022.

KG6GEM
(kg6wiu1@comcast.net)

Notes from the Editor

Propagation is showing again Flux in the 170's. Upper bands are sometimes showing good signs of life and other times are hit by geomagnetic storms.

6m has shown some awesome openings with some DX.

There is no better time to get on the air than now. Lots of contests, chasing SOTA/POTA/IOTA.

Just came back from a vacation/SOTA activation in Costa Rica. One thing that I like from operating in places other than W6 is the variety of factors that change your routine. Bands behave slightly differently and we are used to having a large Ham population around us but that's not the case throughout the Globe.

Community activities continue to give LARKers opportunities to practice Net Control for possible emergencies.

Jerry N5KA is doing a great job lining up presenters for our monthly meetings.

Rich: KN6HSR is doing a fantastic job also at moving our inventory of donated equipment. Nothing better than put it back to



work and help our Members get on the air while providing funds to the Club.

Pacificon is coming in October and promises to be a great event.

No excuses to get active and improve your skills.

Lee: KI6OY inspired us in the monthly meeting telling the audience how he challenges himself to get faster in CW and how much he enjoys the contest activity. Kudos to Lee.

See you on the air.

Roberto K6KM

Board of Directors Meeting Minutes



LARK Board Meeting | July 12, 2022 | Minutes

Attendees: George, Chris, Bernie, Ryan, Jerry, Roger, Nate, Var

Absent: Ian, David

Call to Order

1. Meeting called to order by George at 7:02 PM.

Treasure's Report – Bernie

1. Club funds are good.
2. Notable expenses:
 - a. Individual material reimbursement for upgrade and maintenance of LARK owned repeater systems
 - b. Comfort gift for Alan Motes family (note we should probably put a clause into the bylaws for this).
 - c. \$227.10 reimbursement of expenses for field day
3. Donated equipment sales will be deposited

LARK Badges

Castro Valley Prices have increased to \$12.50, Nate N8MOR could print, Var: historically would use Castro Valley engraver, Var would pick up and distribute, during Pandemic there was no badges produced and prices had increased and was tabled for review until in person meetings resumed, charge extra or continue

Nate: procured enough material for about 20 badges. Nate's 3D printing took about 6 hours per badge, other badge companies online charge about \$10.

Nate: can also price out the cost of doing it through him and have a draft for next BOD meeting

Var: will reach out to out of vendor and use Roger's badge as a draft.

The board will compare badge from both makers at next BOD meeting.

501(c)3 Application – Bernie/Chris

4. Chris: 501(c)(3) progress made on draft of new bylaws to help with 501(c)3 status. Bylaws shared with other members of the Klub for proof reading and possible modifications, additions or deletions

Repeater Update – Nate

1. Still experiencing on channel interference from the Valley of the Moon club repeater, it is sometimes worse than other times. The repeater is NARCC coordinated as WA6YGD It is located on Sonoma Mountain, and it is on the same pair as our WA6ODP repeater Changing tones and moving to narrow band has not helped.

-
2. Keep in mind that WA6ODP does transmit a PL tone of 100Hz. Program this into your radio if you prefer to not hear the Sonoma repeater.

Meeting Update/Activities for 2022 - Jerry

1. Next club meeting presentation will be Roberto K6KM
2. Working on scheduling and confirming 3 sessions, Arnold (KQ6DI) about coax, CARLA system, and a possible field trip style event to the USS Hornet's radio room.
3. Nate to see if there is a contact at Cobalt Strike Informational Securities about remote compromise of WinAPRS
4. Saturday Tech Meetings can be optional and possibly a social net or maker space theme
5. David W600 is looking into Maritime Radio group for a presentation

Events - George

1. Patterson Pass Road Race (Sunday 8/7) signup is available on website and need about 6 more volunteers
2. Pacificon SWAP Meet (10/16) signup is available and needs volunteers

Membership - Var

1. 176 paid members
2. First week of June unpaid members moved to ex-members list. Approximately 20-30 which includes people that moved and SK.
3. Ramping up for 2023 Membership

Field Day - Nate

1. Low turnouts at BBQ 14 people with 29 signups
2. Looking forward to 2023 Field Day

Meeting Location - George

1. Keys forgot to be left and will be there for us in the designated location
2. Check on status of HVAC for meeting
3. As of now, masks will be optional
4. Roger will keep a spare XLR microphone with him as a backup

Silent Key Listing on Website - Bernie

1. List silent keys and keep updated on website
2. George will ask Arnold to keep list updated on Website
3. Var and Arnold will discuss best way to provide information on website
4. May want to check with next of kin prior to placing someone on the list

Adjournment

1. George adjourned the meeting at 8:19 PM.

Minutes submitted by:

Ryan Mahoney (W6RAM)- LARK Secretary

Monthly Meeting Minutes



LARK General Meeting | July 16, 2022 | Minutes

Call to Order

1. Meeting called to order by George KG6GEM at 9:32 AM.
2. George started introductions, first of In-Person attendees and then Zoom attendees.
3. 20 In person / 21 on Zoom / 1 guest (41 total)

Presentation

1. Roberto K6KM presented on his 2022 Hamvention Trip and 17 SOTA activations in Ohio

Treasure's Report - Bernie NJ6W

1. Club funds are in line
2. Largest recent income is from SK sales. Rich KN6HSR will be releasing list of sale items in the next newsletter. About \$400 of sales in the recent months.

Activities - Jerry N5KA

1. Rob Rowland will be presenting on mesh networks next month. In September, Gordon West will be presenting via Zoom about how LA handles emergency communications. Jeff will give talk about USS Hornet. In early December there will be a field trip to the Hornet radio room.

Events - George KG6GEM

1. Still need more people for Patterson Pass Road Race on August 7th.
2. Spaces available for Pacifcon Volunteers for the Swap Meet.
3. Pacifcon Table: still looking for a lead for this, contact George if interested.

Newsletter - Roberto K6KM

1. Deadline Sunday evening

Membership - Bernie NJ6W

1. Down about 20 members from previous year

Repeaters

1. When Rich KN6HSR transmits in Strawberry and George in Discovery Bay. Suggestion was use directional Yagi or monitor AD6KV and Transmit on WA6ODP

VE Sessions - Ron AD6KV

1. Regular VE sessions will begin again following club meetings. Remember to contact Ron two weeks before the test date.
2. Testing will cost \$15 and then there will be the additional \$35 to the FCC.

ARES - Ron AD6KV

1. Reaching a critical mass and looking for volunteers to join the pool of ARES volunteers.
2. Have about 20 volunteers so far

Field Day – Ron AD6KV and Nate N8MOR

1. Had about 15 people, things worked, hoping for 2023 for better propagation and a larger turnout.

Pacificon Table

1. Looking for a Lead and then volunteers to staff Lark table all day Saturday and Sunday morning to noon.

Klutz Award Nominations

1. Ron AD6KV was nominated as Klutz Award for gravity tuning his 20m antenna at field day
2. Roger was presented with his Klutz Award from last month's nomination

Operating

1. Lee has operated 3 contests, field day from home, IARU world championship July 9 radio amateurs of Canada, Canada Day
2. Roberto added flux was 173 yesterday, needs about 2 weeks of those flux levels to support the upper bands. Best place to monitor solar flux on QRZ.com or using a mobile app, look at PSK reports, reverse beacon network webpage map.
3. Bernie got his worked all states Triple Play (phone, digital and CW) recently by getting CW contacts in West Virginia during their recent WV QSO party.

Adjournment

1. George KG6GEM adjourned the meeting at 11:11 AM.

Minutes submitted by:

Ryan Mahoney (W6RAM)– LARK Secretary



Roberto|: K6KM presents his insights into his first visit to Hamvention at Dayton - Ohio in 2022



Roger: KJ6WSO receives the Klutz Award for his unfortunate and unintended use of a piece of wire as a fuse.

Community Events Supported by LARK

Patterson Pass Road Race Sunday, August 7, 2022

This event takes place in the hills east of Livermore on Sunday, August 7th. The races start at 8am and finish about 1pm. As a ham radio volunteer, you are there to provide emergency communications at planned stationary posts from 7am-1pm approx., there will be a radio check-in at 7:45am. The ham radio volunteer should be able to handle this assignment with a handheld.

Amateur Radio coordinator: George Moorehead, KG6GEM
kg6wui1@comcast.net

Sign Up online here:

<https://www.signupgenius.com/go/10c0844aead28a6fa7-patterson1>

PACIFICON - October 14-16, 2022 San Ramon Marriott

PACIFICON Swap Meet - Sunday, October 16th, 2022

The Swap Meet is held on Sunday morning at PACIFICON. LARK has hosted this event for the MDARC Radio Ham Club in the past years and have been requested to support the event again.

There are two shifts available:

LARK Ham Coordinator: George Moorehead KG6GEM kg6wui1@comcast.net

Sign Up online here:

<https://www.signupgenius.com/go/10c0844aead28a6fa7-pacificon1>

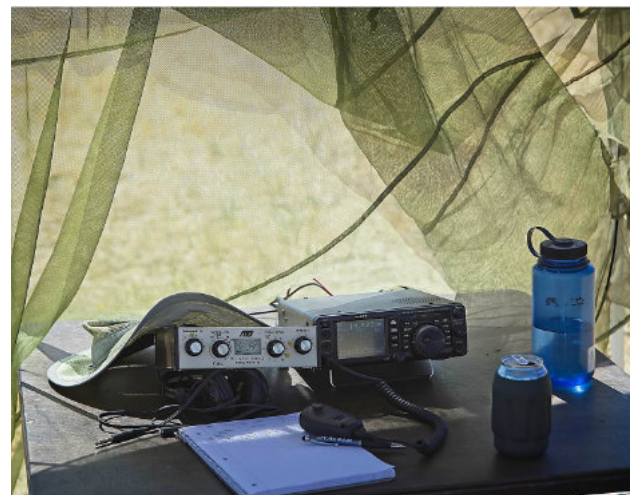
2022 LARK Field Day - Jerry N5KA



This is what Field Day in Livermore looks like at 3:00PM when It's 98°.



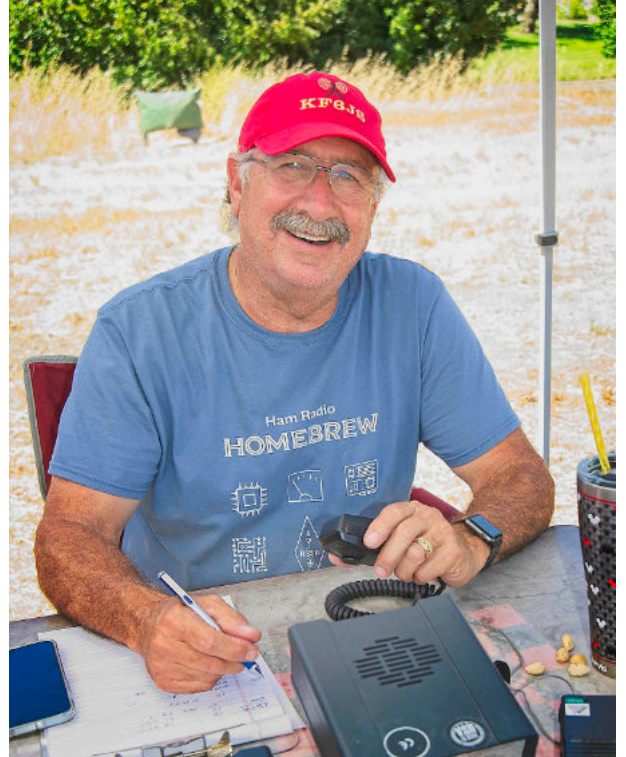
Ron AD6KV and Geoff KK6SKZ staying cool.



AD6KV Rig



Dave K3GX works CW on 20m



Tony KF6JS works 20m on SSB



David K6WOO station on 20m



VEC Ron AD6KV administers FCC Amateur License exam to Noah. (Noah passed Tech, General and Extra in one sitting. Congratulations Noah!)



Although it may look like it, Noah didn't lose his head during his FCC license exam.



Roger: N6GRF waves to say "Hi"



Field Day participants and family members enjoying the barbecue in the shade.

Visit to “Radio Club de Costa Rica” - Rob K6KM



On vacation with the family in Costa Rica I was invited by Minor TI2YO to visit the headquarters of the Costa Rica Radio Club in San Jose.

Costa Rica is divided into 7 provinces and each one holds a sequential prefix.



Coming from a reciprocity Country, to operate in Costa Rica one has to add the Tix/ prefix to your call sign. The x denotes the Province the contacts are originated from.

Minor is the most prolific SOTA activator in Costa Rica and helped me plan for my 8 activations there. Unfortunately his work schedule got on the way as we had plans for simultaneous operation and summit-to-summit.

The Radio Club in Costa Rica was funded on September 27th, 1953. By the 1990's the Government facilitated an empty lot to the Club. Members put sweat and tears to build a structure that serves as meeting room, radio shack and more.

The lot is also nicely populated with towers. As I visited the locale, Minor: TI2YO was participating in the IARU HF Contest.

The Club has about 150 Members.





Minor TI2YO proud recipient of 1st Place World, RTTY Roundup 2022 10m QRP

Besides the headquarters of the Costa Rica Radio Club, some provinces have local Clubs but this is the only Club with it's own shack and antenna farm.

I'm grateful to Minor TI2YO for his support in my radio activities in Costa Rica and for opening his Club house with such warmth.

Roberto

TI2/K6KM



Minor: TI2YO and Roberto TI2/K6KM at the Costa Rica Radio Club



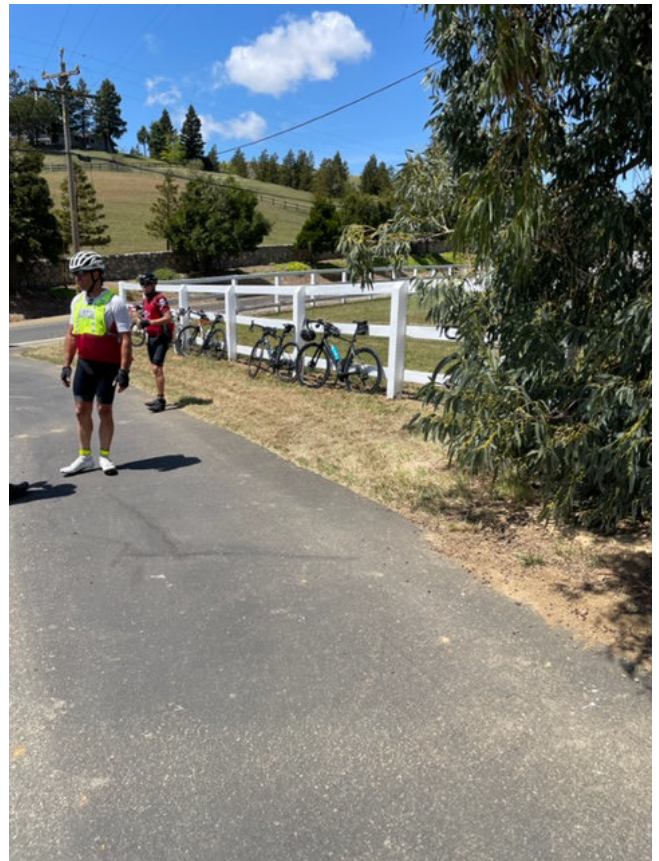
Big Changes for the DMD (Devil Mountain Double) - John WB6ETY

The Event:

COVID's not to blame for the changes. Back in early 2020, big changes were planned for the DMD 200 mile one day bike ride. There were many reasons including reduced participation along with increased expenses over the preceding years. Besides all that, the Quack Cyclists (event organizers) wanted to streamline the event, providing the same high level of rider support but with reduced volunteer support staff. COVID put a roadblock in those plans as both the 2020 and 2021 DMD were canceled. So finally, there were big changes in the DMD for 2022, not because of COVID, but in spite of COVID.



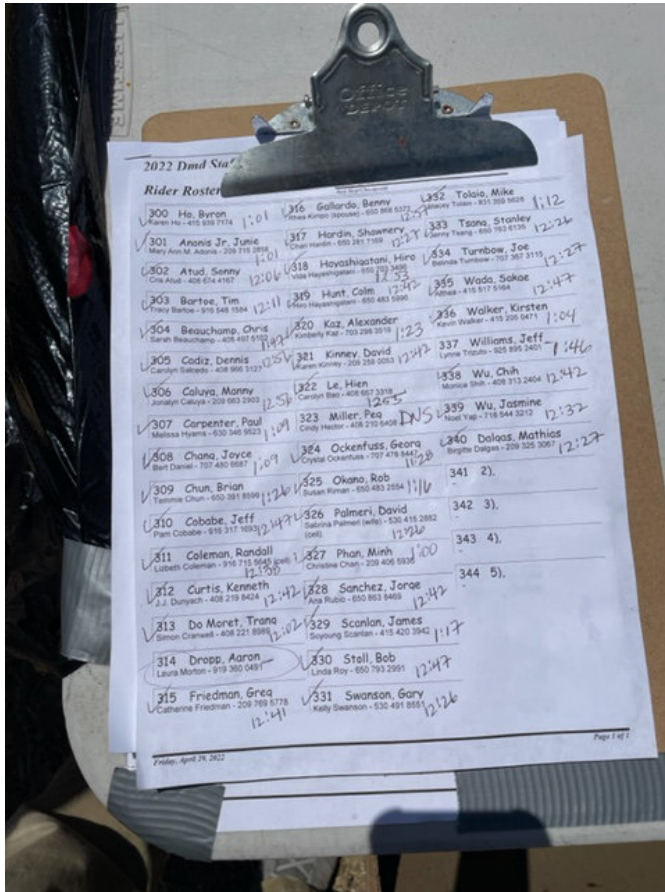
Morgan Territory Rest Stop by KC6JHF



Morgan Territory Rest Stop by KC6JHF

Traditional DMD:

In its original format, the DMD began back in 1996 with a small group of riders and grew to as many as 214 riders in 2011, decreasing to 90 riders in 2019. It's always been a 200 mile, one day ride, with 20,000 (+/-) feet of climbing, starting and finishing at the San Ramon Marriott hotel. The San Ramon Marriott was a standout feature of the event; bikes and riders visible to all, volunteer rest stop workers and SAG drivers coming and going at all hours, a big end-of-ride banquet in the hotel's "Pleasanton Room", the Ham radio Net Control Station in the "Pleasanton Room", and lots of antennas on the hotel roof.



Morgan Territory Rest Stop Check-in Sheet by KC6JHF

2022 DMD:

The 2022 DMD changed! Maximum rider count was set at 50. The Start/Finish moved from the San Ramon Marriott to Livermore's La Quinta Inn on South Front Road near Greenville Road. Instead of a 24 hour presence at the Start/Finish location, there was only support for the Start, finishers self-checked-in at the end. The route was very similar to past years, just with a different Start/Finish location. Event volunteers were dual function; SAG driver AND rest stop worker. A typical rest stop assignment involved SAGing, stopping to run a rest stop, and then SAGing some more. Left-over rest stop supplies were dropped off at the next rest stop, NOT returned to the Start/Finish location.

Ham Radio Support:

Traditional DMD:

Traditionally for the DMD, LARK has set up a NCS at the San Ramon Marriott with 4 antennas on the roof, and supported it with operators for the duration of the event. In addition to the NCS, as many as 10 rest stops were supported. APRS tracking of support vehicles has been an important function for many years. Initial setup often began at 0400 Saturday with everything finished by 0200 on Sunday. As many as 25 operators supported each DMD.

2022 DMD:

This year, since there was no obvious central location for the NCS, we used three different NCS locations, rotating between them every few hours throughout the day. Each NCS had strong signals to/from all three repeaters used during the event and good internet connectivity for tracking support vehicles using APRS.FI. We supported 7 rest stops. With fewer voice operators this year, we had a strong focus on APRS tracking – extra effort was made to improve APRS tracking on Mines Road where cell phone coverage is virtually nonexistent and voice repeater coverage is very poor. A total number of 12 operators supported the 2022 DMD.



Mines Rd/Del Valle Rd Rest Stop by AJ6UU



Mines Rd/Del Valle Rd Rest Stop by AJ6UU

How the 2022 Event Unfolded:

On Saturday, April 30, 2022, 40 riders departed from the Livermore La Quinta Inn between the hours of 0330 and 0530. They rode south to Tesla Rd, west to the Sunol rest stop (RS#1-no radio support here), west on Niles Canyon Road to Palomares Rd, north to Bollinger Canyon Road, and then east to the Danville rest stop (RS#2) where Larry, KI6LNB, provided radio support. The next rest stop (RS#3) was at the Mt Diablo Summit where Mike, K6SGD, ran the rest stop AND was the radio operator. After heading out the Mt Diablo north gate, the riders rode through Clayton and then up Morgan Territory Road to the next rest stop (RS#4), a little past the summit where Keith, KC6JHF, was the radio operator. After descending Morgan Territory Road, the riders headed east on Altamont Pass Road, then back to Livermore on Patterson Pass Road, stopping at a mini

rest stop (RS#5) just before the summit where Larry, KI6LNB, was the radio operator. That's right, after finishing at the Danville rest stop, Larry drove to Patterson Pass to work that rest stop! The next rest stop (RS#6) was at the intersection of Mines Road and Del Valle Road where David, K6WOO, and Bill, AJ6UU, were radio operators. Next, the riders headed up Mines Road to a rest stop at the Junction Café (RS#7) where Scot, KK6YIV, was the radio operator. Leaving the Junction Café, the riders headed back north on Mines Road to the last rest stop (RS#8), co-located with RS#6 at the junction of Mines Road and Del Valle Road, where Bryan, W6CMS, was the radio operator. From RS#8, it was a relatively short ride back to the Start/Finish location at the La Quinta Inn where riders self-checked-in. Out of the 40 who started, 34 finished.

Supporting the rest stop Hams were six more Hams. Keith, KC6JHF; Mike, WA6ZTY; and John, WB6ETY, each ran a Net Control Station at their home, covering the event in shifts of a few hours each. They each had good signals to/from the event's three 2m voice repeaters and good internet access. Arnold, KQ6DI, provided two



Mines Rd/Del Valle Rd Rest Stop by W6CMS

APRS digipeaters to improve coverage on Mines Road. He set up a portable digipeater near mile marker 17 to extend our APRS tracker coverage about three miles



Mines Rd/Del Valle Rd Rest Stop by W6CMS

Further south from LARK's permanent digipeater/iGate near mile marker 14. Another digipeater was running in Arnold's car while he was on Mines Road and while he helped at the Junction Café rest stop. Scott, KG6YVX; and George, KM6CMS drove SAG vehicles.



Mines Rd/Del Valle Rd Rest Stop by W6CMS

Summary & What's Next:

This year's new format worked well for the smaller group of riders, both from the perspective of the event organizers (Quack Cyclists) and from a radio support perspective. There was one crash, but fortunately



Portable APRS Digipeater hidden in a bush on Mines Rd. By KQ6DI

injuries were limited to a bad case of road rash. For several reasons, the Quack Cyclists will no longer be organizing the DMD. It's expected that a San Jose bicycle club will organize the DMD in future years, but with a partial change of route to include a San Jose Start/Finish. I believe that this year's successful ride with a much smaller support staff has encouraged the new bike club to take over the DMD. It's unknown at this time how or even if the new club will use radio support.

Thanks to all the Hams that helped in 2022, here's the list:

- RS#2: KI6LNB, Larry
- RS#3: K6SGD, Mike
- RS#4: KC6JHF, Keith
- RS#5: KI6LNB, Larry
- RS#6: K6WOO, David
AJ6UU, Bill
- RS#7: KK6YIV, Scot
- RS#8: W6CMS, Bryan
- NCS: KC6JHF, Keith
- NCS: WA6ZTY, Mike
- NCS: WB6ETY, John



Route Map with Rest Stops

Show-and-Tell - Blind Box - Gary NA60

I made this little box for a blind friend. He has no idea what a dovetail joint is, so these are raised. Nobody has given him an assortment of different kinds of wood with identifications, so the top is made of walnut, goncalo alves, padauk, cherry, oak, and maple, and the body is Honduras mahogany. His nose works fine, so the bottom is made of aromatic cedar. Surfaced with planes and scrapers, no sanding, so you actually can differentiate the textures. Finish is a light coat of Renaissance wax to keep it from getting dirty. His name, Dave, is in Braille. I use model rivets for the dots; their heads are 1/16" diameter, which is right on spec for Braille. 6 x 4 x 2 inches.

I have several blind friends, met thru ham radio, and I try to help them out when I can. Close your eyes once in awhile, and you may learn something!

Gary Johnson

gwj@me.com



SOTA Activations in Costa Rica - Roberto TI/K6KM

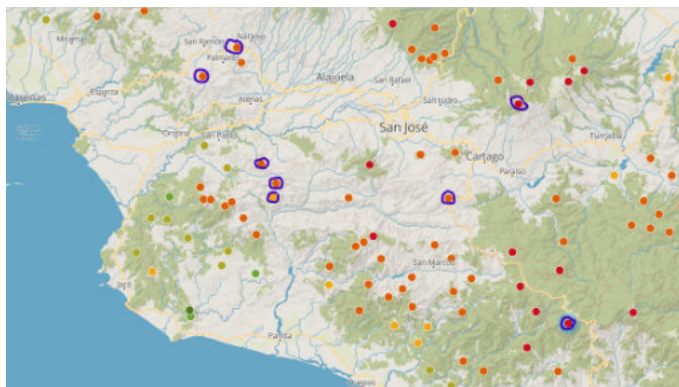
Family wanted a vacation. That means going to the beach. I wanted mountains. What a better compromise than Costa Rica?

The plan was to interject some Summits that could be done with minimal or no hiking so family could be patient while the operator struggles to dig the weak signals out of the ether.

I contacted several operators in Costa Rica until I found Minor: TI2YO who is the highest ranking activator in TI. He made himself immediately available to guide me through all the possibilities.

Strategy as usual is to find previously activated peaks as to not waste time in logistics and minimize hiking due to the ongoing rainy season and family patience.

A set of 8 peaks were devised and organized in mainly 3 road trips. Family bought it as "Scenic Vistas", which they would actually be if it weren't raining.



The first activation was Volcan Irazu. A 10 point drive up. I arranged tickets before hand through the online site. The day was abysmal. Raining and more rain coming. A cyclone was approaching the northern side of the Country and it turned into a Tropical Storm. That meant more rain than usual.

Did I mention rain?

I got a 4x4 SUV and I used the extra grip to make it to the highest point in the volcano while wind, and rain and pothole after pothole made the family very uneasy.

I started my activation with 2m FM hoping to get 4 contacts and move on but nobody answered. I believe the multiple towers at the top were obliterating my radio's front-end. I then took advantage of a break in the weather (not much rain but windy) and attached the pole to a tree, slanted a wire and started calling CQ. I managed 5 QSOs in almost 30 minutes. Most of them very faint.

We then went to see the crater but we didn't see much of anything, we were in a cloud.

The next 2 activations were then called off and left for another time.

Next day we went to a rural part of the San Jose Province and activated: Cerbatana and Candelarita. This last one is in a Cemetery and for some reason it was closed when we reached it. So the whole street was available to activate. Nobody to harass this activator for a change. Yes, it was rainy but by that time, poncho and poncho for the rig was the norm.

On our way from the Caribe to the Pacific we stopped by Barbacoas and activated in between dark clouds. That was a good activation though, with lots of contacts and a JA.

On our way back from the Pacific we stopped briefly at Cerro Frio (Cold Hill). A high 10 point peak also full of towers. It was too early to hit the West Coast so I was content with 4 QSOs, one of them Summit-2-Summit.



Did I mention traffic?

Back in San Jose, another SOTA tour around the Alajuela Province. These were brief stops between some of the more touristic towns, like Sarchi. I had planned a fancy lunch there for the family after the activations. The Cerro Pata de Caballo (Horse's Leg Hill) was a particular challenge. A cloud of mosquitoes surrounded me, plus ants crawling onto the antenna wire carrying their leave loads. Ants were particular fierce in the Tortuguero area so I was very apprehensive. That's where I exercise my short 15m HWEF. Short and sweet. The wire is almost the length of the pole so a slight slant to avoid the carbon pole and I'm ready to hit the currently hot 15m band. I made 4 QSOs very quickly and leaked my mosquito wounds back in the



car

Cerro Espiritu Santo was an interesting climb. There used to be a road there many years ago. Now is the surface of the moon. 4x4 is not as important as high clearance. Once at the top I found some small cars that made the climb too and many motorcycles with teenagers hanging out. An abandoned structure and a former amphitheater served as the operating area. Good activation there and then to enjoy some tourist sights. As a curiosity, 30 minutes after we left the place a downpour hit the area. Might have rained



a couple of inches. Great timing by this operator (or pure luck).

For the last day of activations, T12YO planned a joined operation or better yet, hitting two summits simultaneously so we could do a Summit-to-Summit. Unfortunately work caught up with Minor and we missed the opportunity. My XYL joined me for the last activation at Alto Indias. The climb was different. A portion of decent pavement, then dirt, then loose rock to an eolic farm, then dirt again. There's a bit of a hike to the top but the activation zone hits not far from the trailhead. Vegetation is very dense and my random end fed made it through the zig-zag. A good activation but very uncomfortable seating.

Now you might ask, did you see any wildlife?

The answer lies in the following pics.





It's always a great experience to operate from other regions of the Globe.

Date ↓	Summit	Name	Altitude	Points	Activations	Callsign used	QSOs
11 Jul 2022	TI/CA-009	Alto Indias	7192 ft	5	13	TI3/K6KM	17
08 Jul 2022	TI/AL-016	Cerro Pata de Caballo	5049 ft	5	5	TI5/K6KM	4
08 Jul 2022	TI/AL-019	Cerro Espíritu Santo	4423 ft	5	10	TI5/K6KM	12
07 Jul 2022	TI/SJ-002	Cerro Frio	11453 ft	10	15	TI2/K6KM	4
04 Jul 2022	TI/SJ-037	Cerro Barbacoas	4091 ft	8	12	TI2/K6KM	13
02 Jul 2022	TI/SJ-039	Alto Cerbatana	4022 ft	8	7	TI2/K6KM	6
02 Jul 2022	TI/SJ-046	Cerro Candelarita	3314 ft	5	6	TI2/K6KM	9
01 Jul 2022	TI/CA-001	Volcan Irazu (Cima Torre)	11247 ft	10	12	TI3/K6KM	5

Equipment: Elecraft KX2, Random End Fed and 40/20/15m HWEF, plus 15m HWEF.

Thanks to my family who waited patiently while operating in sometimes harsh conditions.

Roberto

K6KM

From the LARK CAVE

Please, reach to Rich Combs: KN6HSR@arrl.net for details.

	Type	List Price	LARK Price	Non Member Price	Notes
Mag mount antennas	Antenna		5	8	Have 4, one is 220 MHz, and others unknown.
Understanding Amateur Radio	Book		5	8	ARRL 1971
Radio Amateurs Handbook	Book		5	8	ARRL 1974
Kenwood PC-1A	Phone patch	30	5	10	
DC power supply 5-15 V	Power Supply		15	20	Unknown current
LED 22024A	Power Supply	13	10	15	12-15 VDC 10 Amps Model 350xT RC Systems
LED 21758	Power Supply	13	7	10	6-12 VDC 3 Amps RC Systems
Swan 350	Transceiver	200	40	50	w/SWAN 117 XC Power Supply & Instruction Manual Tube type
Norcal SMK-1	Keyer		5	10	From a kit 7.040MHz
Kenwood TS 820S	Transceiver	\$200-300	80	100	Solid state and tube hybrid
Kenwood VFO 820	Remote VFO	\$100	50	70	For TS 820S
Denton 80-10 AT	Antenna Tuner	\$180	50	70	
Kenwood Desktop Microphone MC-50	Microphone	\$100	30	40	
New Sideband Handbook 1964	Book		5	10	
Radio Amateurs Handbook 1978	Book		5	10	
Power Supply 0-1Amp 0-40 Volt	Power Supply		15	20	0-40V 0-1 Amp
Calrad TK 201	Multimeter	\$36	20	25	new
Swan SWR-1	SWR Power Meter	\$25	20	25	
PAL VFO 11 Meter Slider/Scanner	Scanner	\$50	20	30	PAL Electronics
Antenna, Ringo style, with tripod.	Antenna		25	35	
Swan WM 1500	Power Meter	\$95	45	65	FWD/REV 0-1500W
Switchocraft PJ-055B 1/4" Jumper	Cable	19	5	5	
1 x 4 RF Splitter	RF Splitter Switch		10	15	
Triad F -22A Filament Transformer	Transformer		offer		Pri 115 Fil 6.3 @ 20A
Variable Capacitor Hammarlund MC 325 M			offer		
Hammerlund Outcom			offer		
Vacuum Tubes			make offer		
GE Compactron LV 188-5			make offer		
Masco 571/236			make offer		
GE 63-09/188-4			make offer		
RCA 3-52			make offer		
GE GL 3B28			make offer		
RCA 61-04			make offer		
Amperex 65-43 7204-4CX250F			make offer		
E.F. Johnson 6AW8A by RCA			make offer		
Eimac 4X-250B 10-21695			make offer		
6360			make offer		
6126			make offer		
6422 OD3			make offer		
JAN CTL 6L6WGB Tung-sol 5852			make offer		
Raytheon CK5894 O6... S14...			make offer		
EC88/9DL			make offer		
12BY7A Qty 2			make offer		
6AK5			make offer		
2050			make offer		
65Q5			make offer		
Halicrafters 3226444 6/406			make offer		
Halicrafters 5014			make offer		
Electron Tube RK4D32					A big tube!

Hallcrafters Crystals w/ovens 6-12V			make offer	
021-000760			make offer	
151.895 MHz			make offer	
30.96 MHz			make offer	
SDL Reson-ator			make offer	
Model 590			make offer	
Model 610			make offer	
Model 690			make offer	
Samlex RPS 1204 13.8	Power Supply		make offer	
Radio Shack Cat# 220504 Qty 2	Power Supply		make offer	3 Amp 13.8 V w/cigarette lighter port
James Millen #90651 Grid Dip meter			make offer	w/coil set, in original box
Box of resistors ~ 100			make offer	
Empty metal project box 3 1/2"H x 6"W x 8" Deep			make offer	
Micronta Regulated P.S.	Power Supply		make offer	12V 2.5A Cat#22-124A Radio Shack
Semtech SA 30377702	Power Supply		make offer	small P.S.
Potentiometer Helipot SA 4047 S.O. 00500			make offer	
Box of labeled, sorted resistors			make offer	1 ohm - 10 Mohm
Cantera Load Resistor Model HN-31			make offer	
Cabinet drawer unit w/misc connectors			make offer	
Sprague capacitors box of 5 500MMFD 20KV			make offer	20DK-T5
Eimac Tube 25T CJA 49368			make offer	
Glass Globe (light cover)			make offer	Killark VCG 100 199G
Transformer N17-T0074016-6329 T-301			make offer	
NOBSR 64647 Gramer Halldorson			make offer	
Filament Transformer Stancor 110 to 7.5V@21A			make offer	
Two spools of RG59 ~ 100 feet each			make offer	
Type N jumper 1 foot			make offer	
Disc Capacitor kit 5nf - 0.02 mf			make offer	
Box of misc capacitors			make offer	
Box of crystals			make offer	



Picture by K6KM

August 2022

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>	<u>Saturday</u>	<u>Sunday</u>
1	2	3	4	5	6 NAQP Summer CW	7
8	9	10	11	12	13	14
15	16	17 Ham Breakfast	18	19	20 LARK Monthly Meeting	21
22	23	24	25	26	27 WW DIGI	28
29	30	31				

LARK MON. NIGHT NET ON: 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

August

September

DAY	OP	NAME
04	AD6KV	Ron
11	EOC	
18	AE6D	Ed
25	N5KA	Jerry

DAY	OP	NAME
1	WB6ETY	John
8	EOC	
15	WB6AEA	Jon
22	AD6KV	Ron
29	AE6D	Ed

DAY	OP	NAME
5	N5KA	Jerry
12	EOC	
19	WB6ETY	John
26	WB6AEA	Jon

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

7/7/2022	Thursday	Rich/KN6HSR	Jerry/N5KA	Advanced Tech Discussion
7/14/2022	Thursday	David/K6WOO	Peter/AI6RG	New Comer, General Discussion:
7/21/2022	Thursday	Jerry/N5KA	Nate/N8MOR	Study Night: General Exam
7/28/2022	Thursday	Peter/AI6RG	Rich/KN6HSR	Easy Tech Discussion:
8/4/2022	Thursday	Nate/N8MOR	David/K6WOO	General Discussion:
8/11/2022	Thursday	Rich/KN6HSR	Jerry/N5KA	Advanced Tech Discussion
8/18/2022	Thursday	David/K6WOO	Peter/AI6RG	New Comer, General Discussion:
8/25/2022	Thursday	Jerry/N5KA	Nate/N8MOR	Study Night: General Exam
9/1/2022	Thursday	Peter/AI6RG	Rich/KN6HSR	Easy Tech Discussion:
9/8/2022	Thursday	Nate/N8MOR	David/K6WOO	General Discussion
9/15/2022	Thursday	Rich/KN6HSR	Jerry/N5KA	Advanced Tech Discussion
9/22/2022	Thursday	David/K6WOO	Peter/AI6RG	New Comer, General Discussion:
9/29/2022	Thursday	Jerry/N5KA	Nate/N8MOR	Study Night: General Exam

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
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 2022

**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.net) 2 weeks in advance.

OFFICE	CONTACT	CALL	E-mail	Phone
President & Events	George Moorehead	KG6GEM	KG6WIU1@COMCAST.NET	(925) 516-2676
Vice President	Chris Quirk	W6CJQ	w6cjq@yahoo.com	925-202-1198
Secretary	Ryan Mahoney	W6RAM	Ryan.andrew.mahoney@gmail.com	925-786-0640
Treasurer	Bernie Bernstein	NJ6W	nj6w@xemaps.com	(925) 858-4608
Board (PP)	Roger Deming	KK6RD	rogerdeming@yahoo.com	(925) 484-1285
Board	David Counts	KG6WIR	dlicounts@sbcglobal.net	925-895-4698
Board	Nate Moore	N8MOR	nate@nateandamy.org	(925) 577-4916
Activities	Jerry Benterou	N5KA	benterou@gmail.com	925-321-3263
Repeater Chair	Ian Parker	W6TCP	w6tcpian@gmail.com	
Web Site	Arnold Harding	KQ6DI		
Newsletter Editor	Roberto Sadkowski	K6KM	rsadkowski@gmail.com	
Membership	Venkatesh Varadha (Var)	KM6TAB	svvenkatesh2786@outlook.com	(925) 961-7703
Net Coordinator	Ed Diemer	AE6D	ae6d@arrl.net	
RFI	Gary Johnson	NA6O	gwj@me.com	
T-Hunts	Rich Harrington	KN6FW		
Swap n Shop	Richard Combs	KN6HSR	KN6HSR@arrl.net	



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



Special interests: Mesh Networking. Dave KK6DF <http://mesh.sushisoft.com> . <https://www.youtube.com/user/fanninsushi/videos>. View: AREDN!<http://www.aredn.org>. **CERT NEWS:** Tracy Hein CERT contact. Email: thein@lpfire.org or (925) 454 -2317 https://community.fema.gov/Register/Register_Program_View?id=a0xt000000mAuZAAE

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 Today's Date: _____	
NAME: _____	
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. http://www.livermoreark.org/ Access the current and back issues on our website.	
ADDITIONAL FAMILY MEMBERS (At the same mailing address, only \$2. membership per person)	
NAME	_____
PHONE	_____
EMAIL	_____
AARL MEMBER	_____
ANNUAL DUES # _____ PRIMARY (\$20.00) ADDITIONAL MEMBERS # _____ (\$2.00 each)	
TOTAL: \$ MAKE CHECKS PAYABLE TO: LARK. Thank You.	
<p>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 LARK, 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.</p>	