

VALLEY HAM NEWS

February 2022

YSARC Web Page: <http://www.ysarc.net>

**P.O. Box 1169
Yuba City, California 95992**

February 2022

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CLUB OFFICERS

Pres.: Daniel Weber, KM6RHC
Vice Pres.: Steve Shepard, KN6IJD
Secretary: Linda Maas, KK6SOZ
Treasurer: June McJunkin, N6JEY

BOARD OF DIRECTORS

Joe Visalli, N9BD
Chris McLain, KK6VZD
Mike Morris, KK6ISQ
Paul Hyatt, W6PNH
Robert Kelly, K6VNR
Herb Puckett, W6HBU

REPEATER TRUSTEE

Dave Gartner, WD6AXM

LIAISONS

ARES: Neil Bossard, N6CNY
ARRL SM: Carol Milazzo, KP4MD
VE Liaison: LeRoy Smith, KJ6DKM

UPCOMING EVENTS

01 Mar – Board Meeting
05 Mar – VE Session
12 Mar – Fox Hunt
12-13 Mar – QSO Today Virtual Ham
Expo
15 Mar – General Meeting

19 Mar – Loomis Ham Fest
05 Apr – Board Meeting
09 Apr – Fox Hunt
10 Apr – Rookie Roundup
19 Apr – General Meeting
23 Apr – Bike Around The Buttes

03 May – Board Meeting
07 May – VE Session
14 May – Fox Hunt
17 May – General Meeting

07 Jun – Board Meeting
11 Jun – Fox Hunt
18 Jun – Kids Day
21 Jun – General Meeting
25-26 Jun – Field Day

YSARC Weekly Breakfast

Wednesday mornings – Cancelled
until further notice

Local Nets

Monday night at 7:00 P.M. – weekly
net (146.085+) PL 127.3 with swap shop
and help sessions.

Monday night at 8:00 P.M.: **Butte
County ARES net** (145.290–), PL 110.9

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Tuesday night at 8:00 P.M.: **GEARS Club net**, (146.850-), PL 110.9

Thursday night at 7:00 P.M. weekly: **ARES net** (146.085+) PL 127.3.

Sunday nights at 2000, **YL Net**, (146.970- MHz) PL 123.0.

Third Thursday of each month at 7:30 P.M.: the ARRL Sacramento Valley Section (VHF) Net, on the WD6AXM repeater followed by an HF Net on 3987 kHz LSB.

Sunday night at 8:00 P.M.: **OARS Net** (146.655-), PL 136.5.

Other nets (From the GEARs Radiator Newsletter)

Sac Valley Net: 7:00 P.M., 2nd Wed of the month (146.850-), PL 110.9

440 Wed. Night Net: 8:00 P.M. each Wednesday, 440.650 MHz.

Golden Bear Net: 7:00 P.M. daily 3975 kHz.

Willie Net: 8:00 P.M. Mondays, 1930 kHz.

CA Traffic Net: 3906 kHz nightly at 6:00 P.M. for traffic listing and 6:30 P.M. for roll call.

California TALARC (The American Legion Amateur Radio Club) net: Sunday at 1:00 P.M. weekly on 7278 kHz.

BIKE AROUND THE BUTTES

The 35th annual Bike Around The Buttes (BATB) will be held April 23rd this year. Neil (N6CNY) is heading up this event. All participation is greatly appreciated. If you would like to volunteer, but cannot do a full day, that is perfectly fine! We can work things around. Packets will be going out ASAP to everyone who is participating via

email.

This year the Northern California Lions Clubs Health Foundation is the event organizer. All proceeds stay local for supporting & educating those with Diabetes and related conditions. It has a 20-mile, 40-mile, 65-mile and 100-mile routes. The 100-mile riders start from 0600-0630, 65-mile riders start from 0630-0730, 40-mile riders start from 0730-0830, and the 20-mile riders start from 0830-1000 hrs.

SAG's: (Support and Gear) drive a dedicated section of the route and assist with breakdowns. This may include transporting the bike(s) and rider(s) to the nearest Rest Stop, Assist with changing or airing up tires, etc. A Pickup Truck, SUV or a vehicle with a bike rack is preferred.

Rest Stops: Remain at the assigned Rest Stop and radio the needs of the rest stop personnel back to base. Also, if a rider calls it the day at a rest stop, you will radio net control to route a SAG to the Rest Stop to transport the rider back to base.

Bike Path: Bike Path rider is the same as a SAG, with one difference. This volunteer will be **on a bicycle** patrolling back and forth on the Bike Path between Humphrey Road and Acacia Ave. This being said, an HT with a spare battery or two would be ideal. Also, you will not be transporting anyone. Just call for a SAG to meet up and transport the Rider and their bike.

Anyone who would like to volunteer, please contact Neil at:
yubasutterares@yahoo.com.

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Neil is looking for 3 volunteers for rest stops and 5 more volunteers for SAG.

Bike Around The Butte Volunteers

Position	Name	Call Sign
Net Control	Curtis	KF6VFP
Net Control	Mike	KK6ISQ
Rest Stop 1	Mike	N6MRB
Rest Stop 1		
Rest Stop 2	Bud	KK1BUD
Rest Stop 2	Chris	KK6VZD
Rest Stop 3	Robert	K6VNR
Rest Stop 3		
Rest Stop 4	Bill	WA6OHP
Rest Stop 4		
SAG 1	Joseph	K6JFP
SAG 2	Steve	KN6IJD
SAG 3		
SAG 4	Andy	KJ6IYM
SAG 5	LeRoy	KJ6DKM
SAG 6	Karla	K6KDS
SAG 7	Daniel	N6AXP
SAG 8		
SAG 9		
SAG 10		
SAG 11 (Bike Path)	Paul	W6PNH
SAG 12		

Neil (N6CNY)

FOX HUNT



A Fox Hunt was held Saturday, Feb. 5th, 9AM in Yuba City. Successfully completing the hunt were Jeff Hyatt (KN6MXB), Daniel Weber (KM6RHC), Ginger Gerard (KN6JZW), and Mike

Morris (KK6ISQ).

The next Hunt will be held Saturday Mar, 12th in Yuba City. Beginning at 9 AM, the Fox will be transmitting from somewhere in Yuba City on 146.565 MHz. When you arrive at the location, you'll have an opportunity to find a second, low-power transmitter on foot. We'll have some refreshments and a chance to share hunting stories.

Contact: Paul Hyatt, W6PNH. He will be available on the repeater.

Come out, bring you transceivers and antennas. Can you find the hidden transmitters?



Paul Hyatt (W6ONH), Jeff Hyatt (KN6MXB), & Daniel Weber (KM6RHC)

Paul (W6PNH)

CLUB STORE

The club has the following items available for purchase at cost:

1. PL259 Coax connectors, 23 each. Cost is \$1.84 each.
2. RG8X reducers, 86 each. Cost is \$0.64 each.
3. Power Pole connectors, 25 red/ black pairs. Cost is \$1.00 per pair.
4. RG8X strain relief boots, 5

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- each. Cost is \$0.50 each.
5. RG8X Black Coax, 1 spool 85 feet, 1-spool 100 feet. Cost is \$0.39 per foot.
 6. BNC Female to SMA Female Adapter, 7 each. Cost is \$3.50 each.
 7. Red/Black Power Cable, 45 feet. Cost is \$1.38 per foot.
 8. LMR240 Double Shielded Coax, 584 feet. Cost is \$0.26 per foot.
 9. RCA Male to BNC Female Adapters, 5 each. Cost is 2.00 each.
 10. BNC Male Crimp 20 each. Cost is 2.00 each.
 11. BNC Male-to-Male Adapter 3 each. Cost is 3.00 each.
 12. SO-239 to SO-239 4 each. Cost is 2.00 each.
 13. TNC Male Crimp 10 each. Cost is 2.50 each.
 14. BNC Male to RCA Female Adapter 7 each. Cost is 2.00 each.

If you are interested in purchasing any of these items contact the club store manager, Curtis (KF6VFP) at (530) 743-3003, by email at KF6VFP@arrl.net, on the air, or at one of the club meetings.

QSO TODAY VIRTUAL HAM EXPO

Tickets are on sale now for the upcoming QSO Today Virtual Ham Expo on March 12-13, 2022. It's an amazing experience for anybody that wants to improve their amateur radio knowledge and get exposed to new ideas, cutting edge ham radio technology, and

practical operating and building techniques. And there is no need to travel - anyone can participate from their home or office! Information and tickets can be found at:
qsotodayhamexpo.com.

Courtney Duncan, N5BF, will be delivering an incredible, thought provoking Keynote Presentation at the upcoming March 12-13 QSO Today Virtual Ham Expo. Courtney will be speaking about the importance of amateur radio and other technical hobbies in advancing mankind's biggest projects. As an example, missions to deep space, the Moon and Mars, are supported by JPL and NASA engineers, many of them are amateur radio operators.

Courtney recently retired from NASA's Jet Propulsion Laboratory after 35 years of working on radios for spacecraft including the Mars Rover and helicopter. He is currently President of the San Bernardino Microwave Association and active in EME Moonbounce and 10Ghz contesting.

Courtney will talk about the importance of amateur radio and technical hobbies to advance global technology and mankind's "big projects". Courtney just retired from JPL, NASA's Jet Propulsion Laboratory, where he supported numerous missions with digital and radio frequency hardware and software, most recently as telecommunications lead for the Ingenuity Mars Helicopter.

Listen and engage with 60 ham radio luminaries on some 20 different topic areas - there is something for everyone.

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Here are a few of the presentations, from general to expert levels:

Mike Crowover AB5EB, Erwann Merrien LB1QI, and Bill Straw KO7SS will discuss their exciting plans as they attempt to operate on Bouvet Island, in November 2022. In their presentation, 3YOJ: The Bouvet DXpedition, hear about their plans to land on Bouvet and make contact for 10 days in November 2022.

Carl Luetzelschwab, K9LA, will give an Update on Cycle 25 to guide us on what to expect as Sunspot Cycle 25 starts to rise and ionospheric propagation begins to improve. Hear about the implications of this for all ham radio operators.

Chasing DX During A Contest is the subject of a presentation by Bill Salyers, AJ8B. Bill will provide best practices, tools, and techniques to increase your chances of logging DX targets.

APRS Picoballoon Flight by a Rank Amateur

Core HF Communication Concepts: Fundamentals of Shortwave Propagation

Deep dive of an FPGA implementation of DVB-S2

A complete list of speakers can be found at:

[qsotodayhamexpo.com/speakers1.html](https://www.qsotodayhamexpo.com/speakers1.html)

Watch as many presentations as you want! A big limitation of in-person events is that you can't watch many of the presentations (you can only be in one room at a time). At the Expo, return anytime within 30 days to view any presentations you missed as well as explore exhibitor offerings. Our

presentation videos with Q&A from previous Expos are still enjoyed by amateurs on our Vimeo channel.

Early Bird Tickets are just \$10 (through March 6) and then \$13.50 to the end of the on-demand period. Tickets include entry for the Live 2 day period and the 30 day on-demand period. Save on gas, lodging, and travel to attend the QSO Today Virtual Ham Expo on March 12-13. For more information, go to:

<https://www.qsotodayhamexpo.com>.

HAMFESTS

Loomis Hamfest 2022

Start Date: 03/19/2022

End Date: 03/19/2022

Location: Historic Loomis Train Depot

5775 Horseshoe Bar Road
Loomis, CA 95650

Website: <http://w6ek.org>

Sponsor: Sierra Foothills Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 145.430 MHz -0.6 kHz offset and a PL of 162.2 Hz

Public Contact: Orion Endres, AI6JB

1201 Wood Oak Court Roseville, CA
95747-7383

Phone: 916-534-8251

Email: ai6jb@arrl.net

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MONTHLY GENERAL MEETING

At the general meeting, Feb. 22nd, Dave Gipson (KC9EI) gave a presentation about a 20-meter band pass filter that he designed. Dave spoke about the four basic types of filters – low pass, high pass, band pass and notch filters. He then went into more detail of the band pass filters he has been designing and that will be used during field day to prevent interference between stations during the contest.

The next general meeting will be March 15th. The topic for this meeting will be announced on the Monday night nets.

SILENT KEY



Virginia, “Ginny”, Paschke, KI6COL, recently passed away. Ginny spearheaded the effort to help domestic animals in times of disaster. Ginny founded and organized The Yuba Sutter Domestic Animal Disaster Assistance group, (YSDADA). YSDADA has been training its members and helping animals for almost twenty years.

Ginny recognized the importance of communication during disasters. She encouraged members to obtain their

Ham Radio licenses. Several of us studied for our Ham license at the same time with experienced teachers, Ron Murdock, W6KJ/SK and Herb Puckett, W6HBU.

Ginny, your friendliness and Can Do attitude will be missed.

Marsha Sylvester-Jose, KI6CSN

FIELD DAY IS COMING

From the ARRL Club Newsletter 22 Feb 2022:

“It is February and Field Day is just four months away. Has your club started planning? Many clubs are still operating in pandemic mode and will not have a gathering site but many will be in the field. Now is the time to get the club together, however you are meeting, and plan for what I think is the best weekend of the ham year. Field Day can be a great opportunity to operate and have fun. It can also be a great chance to work with local authorities and demonstrate the capabilities Earn extra Points - Set up an information table and a Get On The Air station - and get the new hams out for what is often their first real chance to work HF in a friendly contest-type environment. There are some updated rules and you can find them at <http://www.arrl.org/field-day-rules>. This site is updated often so check back for the latest. The most important thing is to have fun and enjoy Field Day. Invite the public, local dignitaries, and media. Field Day is a great photo op for police, firefighters, and EMS. Remember, outreach to the community is one of those things that

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we all need to be doing.

Field Day - a chance to show the world amateur radio."

NEW TECHNICIAN QUESTION POOL RELEASED

New Technician Question Pool Released, Effective July 1, 2022

The National Conference of Volunteer Examiner Coordinators (NCVEC) Question Pool Committee (QPC) has released the 2022 – 2026 Technician Class FCC Element 2 NCVEC Question Pool Syllabus & Question Pool into the public domain. It's available as a Word document or PDF. The three graphics required for the new Technician question pool are available within the documents, or separately as PDF or JPG files.

The new pool incorporates some significant changes compared to the 2018 - 2022 pool. Its 257 questions were modified slightly to improve wording or to replace distractors; 51 new questions were generated, and 62 questions were eliminated. This resulted in a reduction of 11 questions, bringing the total number of questions in the pool from 423 to 412. The difficulty level of the questions is now more balanced, and the techniques and practices addressed have been updated.

The new 2022 - 2026 question pool is effective July 1, 2022 – June 30, 2026, and must be used for Technician-class license exams administered on or after July 1, 2022.

MONDAY NIGHT NET CONTROL

To date, Manna has the following hams volunteering for 2022. Thanks to all who signed up at the November meeting. **We still need 3 volunteers for 2022: July, September, and November.**

2022		
Jan	Chris McLain	KK6VZD
Feb	Grant Mitchell	W6JIB
Mar	Steve Shepard	KN6IJD
Apr	Manna Whelchel	KA6ETB
May	Karla Hyatt Paul Kyatt	K6KDS W6PNH
Jun	Chris McLain	KK6VZD
Jul		
Aug	Neil Bossard	N6CNY
Sep		
Oct	Manna Whelchel	KA6ETB
Nov		
Dec	Neil Bossard	N6CNY

If you wish to volunteer for 2022 let Manna know.

Thanks to all who have volunteered.
Manna (KA6ETB)

VE TEST SESSION

The next VE session is scheduled for Sat. Mar. 05, 2022 at 715 King Ave., Yuba City at 9:00 A.M. VE's are needed to administer the exam. The elements for Technician, General, and Extra class will be offered.

The exam requires two forms of ID. At least one of them must be a picture ID. A fee of \$15.00 is required.

A calculator may be used as long as it has had all of its memories cleared and there are no built in or preprogrammed formulas.

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Upgrades to a higher class also require two forms of ID. At least one of them must be a picture ID. Also, bring your license and a photocopy of the license.

If you take an exam and pass, you can take the next higher class exam for no additional cost.

If you do not pass and wish to try again an additional fee will be required.

Please Note: You must use a FCC Federal Registration Number (FRN) to take an exam and for any transactions with the FCC. You will need this number for the forms you'll complete. A FRN can be obtained at:

<https://www.fcc.gov/licensing-databases/commission-registration-system-fcc>

Good luck to everyone taking exams.

MARCH QSO AND OTHER CONTESTS

05 Mar; ARRL International DX Contest; Phone

12 Mar; South America 10 Meter Contest; CW, Phone

12 Mar; Oklahoma QSO Party; CW, Phone

12 Mar; Idaho QSO Party; CW, Phone

12 Mar; North America Sprint; Digital

13 Mar; Wisconsin QSO Party; Phone

17 Mar; Bavarian Contest Club QSO Party; CW, Phone, Digital

19 Mar; Virginia QSO Party; CW, Phone, Digital

Many other contests can be found at: [http://www.arrl.org/files/file/ContestCorral/2022/March 2022 Corral.pdf](http://www.arrl.org/files/file/ContestCorral/2022/March%202022%20Corral.pdf)

BOARD MEETING

The March board meeting will be held on March 1st at 1900 (7p.m.) via zoom. Details for the zoom meeting will be emailed later.

COMMENTS

✓YSARC's web page is: ysarc.net.

The web page is currently updated. All of the past VHN's are available on the club's website.

Thanks to our webmasters, Kevin Conde, K1KMC & Joe Visalli, N9BD.

Click on the upper right-hand icon on the club's homepage to join the our **Facebook** page.

✓Check out the [New England ARES Academy](https://www.youtube.com/channel/UC...) channel on YouTube for a series of excellent ARES training videos.

✓Send your ham related articles and pictures to share in your VHN. Pictures of ham shacks, antenna parties, field day, Bike Around the Buttes, etc. are appreciated. Send them to KI6CSN@arrl.net or KF6FVP@arrl.net

✓If anyone has ideas/suggestions for club activities that we can do online or virtually please contact any club officer or board member or email your suggestions to board@ysarc.net.

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HUMOR



Bob McClard (N6BOB)

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Yuba-Sutter Amateur Radio Club Board of Directors Meeting Minutes January 4, 2022 Held on Zoom platform, hosted by June



Meeting called to order by President Daniel Weber KM6RHC at 19:00 hours.

Officers and Board Members present unless noted:

President: Daniel Weber KM6RHC
Vice President: Steve Shepard KN6IJD
Secretary: Linda Maas KK6SOZ
Treasurer: June McJunkin N6JEY

Director: Joe Visalli N9BD
Director: Chris McLain KK6VZD
Director: Mike Morris KK6ISQ
Director: Paul Hyatt W6PNH
Director: Robert Kelly K6VNR

Members and Guests present: Curtis Sylvester-Jose KF6VFP, Claire Schloenvogt KI6VWG, Dave Gipson KC9EI, Brenda Gipson KC9EIO, and LeRoy Smith KJ6DKM.

Treasurer's Report:

- December bank statement has not yet been received. Motion to approve transaction summary, Joe/Mike, passed.
- Discussion of which account absorbs the PayPal fee in the case of a donation to both repeater fund and club dues. It was decided that the full donation amount goes to repeater fund and the fee comes out of club funds.
- Motion to leave Club Store payment methods up to Curtis, Joe/Mike, passed. Currently Curtis is accepting cash and check payments for store items.

Secretary's Report:

- Motion to approve minutes from December 7, 2021 as written, Mike/Chris, passed.
- We received a postcard from the Registry of Charitable Trusts reminding us to file annually.

Old Business

- It was decided a committee composed of the board members will look into refreshing the club website. Kevin Conde K1KMC has been maintaining our website for years now.
- The club will not be hosting a get-together for Winter Field Day, but members may operate with club call sign and submit their logs.
- Mike would like help organizing a Yuba-Sutter Ham Swap and club participation in Yuba City Summer & Winter Strolls.
- Discussion of switching meeting dates back to club meeting before board meeting in the month.

New Business

- Motion to donate \$300 to First United Methodist Church for use of Pioneer Hall for club meetings, Joe/Mike, passed.
- Club members will be asked at upcoming meeting what topics they are interested in hearing

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about.

- Chris reminded us that John Portune is always available to make presentations.
- Daniel would like to create a committee to organize social events.
- The club will not be hosting a Technician class this year due to coronavirus. Interested parties are encouraged to utilize online resources and some members have offered to elmer them remotely.
- Paul will be organizing a monthly Foxhunt this year.
- Discussion of reviving Antenna Day

Motion to adjourn at 20:13 hours, Mike/Joe, passed.

Respectfully submitted by Linda Maas KK6SOZ, YSARC Secretary