

VALLEY HAM NEWS

April 2021

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

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

April 2021

Editors: Curtis R. Sylvester-José, KF6VFP
Marsha L. Sylvester-José, KI6CSN
Telephone: 530-743-3003
E-Mail: Curtis at KF6VFP@arrl.net
Marsha at KI6CSN@arrl.net

Webmasters: Kevin Conde, K1KMC
Joe Visalli, N9BD
Club Call Sign: W6KJ
Board at board@ysarc.net

CLUB OFFICERS

Pres.: Daniel Weber, KM6RHC
Vice Pres.: Mike Morris, KK6ISQ
Secretary: Linda Maas, KK6SOZ
Treasurer: June McJunkin, N6JEY

BOARD OF DIRECTORS

Joe Visalli, N9BD
Chris McLain, KK6VZD
Brandon Guthrie, KM6JID
Kevin Klatt, KM6WFW
Neil Bossard N6CNY
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

04 May – Board Meeting
01 May – VE Session
08 May – World Red Cross Day
18 May – General Meeting

30 May – Carmichael Elks Ham
Swap Meet

31 May – Memorial Day

01 Jun – Board Meeting

15 Jun – General Meeting

19 Jun – Kid's Day

26-27 Jun – Field Day

03 Jul – VE Session

06 Jul – Board Meeting

20 Jul – General Meeting

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** (145.280–), PL 110.9
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.

Third Thursday of each month at
7:30 P.M. – the ARRL Sacramento

VALLEY HAM NEWS

April 2021

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.

UPCOMING HAMFESTS & WEBINARS

Online - IDXC 2021 Virtual Convention, An ARRL Sanctioned Specialty Convention

Start Date: 05/15/2021

End Date: 05/16/2021

Location: Two-Day Conference via Zoom

Website: <http://dxconvention.com>

Sponsor: Northern California DX Club

Type: ARRL Convention

Talk-In: none

Public Contact: John Miller, K6MM
6349 Slida Drive San Jose, CA 95129

Phone: 408-393-9800

Email: k6mm88@gmail.com

HF Noise Mitigation

Presented by ARRL Northwestern Division Director Mike Ritz, W7VO
An educational seminar to help both new and experienced amateurs who are on HF and finding themselves plagued with noise.

Thursday, May 6, 2021 @ 3:30 pm EDT (1930 UTC)

W1AW Antenna Farm

Presented by W1AW Station Manager Joe Garcia, NJ1Q

Experience a bird's-eye view and description of the antennas used by W1AW for both the station's scheduled transmissions, and visitor operator activity.

Tuesday, May 18, 2021 @ 1 pm EDT (1700 UTC)

Ask the Lab: How ARRL's Technical Information Service Can Help You

Presented by Ed Hare, W1RFI, ARRL Laboratory Manager
Learn all about the ARRL Technical Information Service (TIS) and the expert ARRL Laboratory staff who answer thousands of questions each year from members. Get tips about projects, suggestions to address various station installations, and help for some of your most pressing ham radio questions.

Tuesday, June 8, 2021 @ 1 pm EDT (1700 UTC)

Past webinar recordings are available at: arrl.org

~Marsha, KI6CSN

VALLEY HAM NEWS

April 2021

CLUB STORE

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

1. PL295 Coax connectors, 29 each. Cost is \$1.84 each.
2. RG8X reducers, 51 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 each. Cost is \$0.50 each.
5. RG8X Black Coax, 1 spool 185 feet, 1 spool 210 foot 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.

WORLD RED CROSS DAY

The Red Cross Emergency Communication Training Group is holding its nationwide Spring Drill on World Red Cross Day, May 8. Individuals are invited to participate.

GENERAL MEETING

At the last general club meeting Danial (KM6RHC) gave a talk about solar power.

Next month at the General Zoom Meeting, on 18 May, Dave Gipson (KC9EI) will give a presentation on Baluns.

MONDAY NIGHT NET CONTROL

To date, Manna has the following hams volunteering for 2021:

2021		
Apr	Grant Mitchell	W6JIB
May	Steven Shepard	KN6IJD
Jun	Manna Whelchel	KA6ETB
Jul	Joe Visalli	N9BD
Aug	Bob McClard	N6BOB
Sep	Joe Visalli	N9BD
Oct	Neil Bossard	N6CNY
Nov	Manna Whelchel	KA6ETB
Dec	Joe Visalli	N9BD
2022		
Jan		
Feb		
Mar		
Apr		

Thanks to all who have volunteered.
Manna (KA6ETB)

VALLEY HAM NEWS

April 2021

VE TEST SESSION

The next VE session is scheduled for Sat. May 01, 2021 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.

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.

Good luck to everyone taking exams.

CLEAR FREQUENCIES FOR SAINT VINCENT VOLCANIC ERUPTION

QST de W1AW
ARRL Bulletin 12 ARLB012
From ARRL Headquarters
Newington CT April 21, 2021
To all radio amateurs

SB QST ARL ARLB012
ARRL012 Clear Frequencies
Requested for Net Providing 24/7
Coverage of Saint Vincent Volcanic
Eruption.

The Caribbean Emergency and Weather Net (CEWN) has been providing round-the-clock coverage during the La Soufriere volcanic eruption on the island of Saint Vincent and the Grenadines. Several neighboring islands are also being affected by the disaster. When responding to disasters and emergencies such as this, the CEWN utilizes 3.185 MHz LSB and 7.188 MHz LSB. CEWN is requesting that radio amateurs not involved in the volcano response to keep these frequencies clear.

THE CARMICHAEL ELKS 2021 ANNUAL HAM SWAP

The Carmichael Elks 2021 Annual Ham Swap is scheduled for Sunday, May 30 from 7 am to 1 pm at the Carmichael Elks Lodge on the corner of Cypress and Hackberry, 5631 Cypress Ave, Carmichael, CA 95608. Parking is free to buyers on the East lot. For Sellers, South lot spaces are \$10 each space.

Thank an Elk for this great price!

The Elks Lodge will be selling coffee, water, maybe dogs and doughnuts.

There will be an electronic salvage trailer available for stuff you want to donate.

This is a LEAVE NO TRACE event. We want to leave the Elks facility cleaner than we found it!

COVID 19 PROTOCOLS

PLEASE protect the Elks Lodge and yourself. Plan on leaving an empty space next to you, maintain appropriate social distance, and WEAR A MASK.

Cheers -- I'm John Dyer (KJ6JD)

VALLEY HAM NEWS

April 2021

APRIL QSO AND OTHER CONTESTS

01 May – Indiana QSO Party; CW, Phone

01 May – Delaware QSO Party; CW, Phone

01 May – New England QSO Party; CW, Phone, Digital

08 May – Day of the YLs Contest; CW, Phone

08 May – Arkansas QSO Party; CW, Phone

15 May – His Majesty of Spain Contest; CW

Many other contests can be found at:

[http://www.arrl.org/files/file/Contest Corral/2021/May 2021 Corral.pdf](http://www.arrl.org/files/file/Contest%20Corral/2021/May%202021%20Corral.pdf)

UPDATED RADIO FREQUENCY EXPOSURE RULES

QST de W1AW
ARRL Bulletin 11 ARLB011
From ARRL Headquarters
Newington CT April 13, 2021
To all radio amateurs

SB QST ARL ARLB011

ARRLB011 Updated Radio Frequency Exposure Rules Become Effective on May 3

The FCC has announced that rule changes detailed in a lengthy 2019 Report and Order governing RF exposure standards go into effect on May 3, 2021. The new rules do not change existing RF exposure (RFE) limits but do require that stations in all services, including amateur radio, be evaluated against existing limits, unless

they are exempted. For stations already in place, **that evaluation must be completed by May 3, 2023**. After May 3 of this year, any new station, or any existing station modified in a way that's likely to change its RFE profile - such as different antenna or placement or greater power - will need to conduct an evaluation by the date of activation or change.

The Report and Order can be found online in PDF format at,

<https://docs.fcc.gov/public/attachments/FCC-19-126A1.pdf> .

"In the RF Report and Order, the Commission anticipated that few parties would have to conduct reevaluations under the new rules and that such evaluations will be relatively straightforward," the FCC said in an April 2 Public Notice. "It nevertheless adopted a 2-year period for parties to verify and ensure compliance under the new rules."

The Amateur Service is no longer categorically excluded from certain aspects of the rules, as amended, and licensees can no longer avoid performing an exposure assessment simply because they are transmitting below a given power level.

"For most amateurs, the major difference is the removal of the categorical exclusion for amateur radio, which means that ham station owners must determine if they either qualify for an exemption or must perform a routine environmental evaluation," said Greg Lapin, N9GL, chair of the ARRL RF Safety Committee and a member of the

VALLEY HAM NEWS

April 2021

FCC Technological Advisory Council (TAC).

"Ham stations previously excluded from performing environmental evaluations will have until May 3, 2023, to perform these. After May 3, 2021, any new stations or those modified in a way that affects RF exposure must comply before being put into service," Lapin said.

The December 2019 RF Report and Order changes the methods that many radio services use to determine and achieve compliance with FCC limits on human exposure to RF electromagnetic fields. The FCC also modified the process for determining whether a particular device or deployment is exempt from a more thorough analysis by replacing a service-specific list of transmitters, facilities, and operations for which evaluation is required with new streamlined formula-based criteria. The R&O also addressed how to perform evaluations where the exemption does not apply, and how to mitigate exposure.

Amateur radio licensees will have to determine whether any existing facilities previously excluded under the old rules now qualify for an exemption under the new rules. Most will, but some may not.

"For amateurs, the major difference is the removal of the categorical exclusion," Lapin said, "which means that every ham will be required to perform some sort of calculation, either to determine if they qualify for an exemption or must perform a full-fledged exposure assessment. For hams who previously performed exposure assessments on their stations, there is nothing more to do."

The ARRL Laboratory staff is available to help amateurs to make these determinations and, if needed, perform the necessary calculations to ensure their stations comply. ARRL Laboratory Manager Ed Hare, W1RFI, who helped prepare ARRL's RF Exposure and You book, explained it this way. "The FCC did not change any of the underlying rules applicable to amateur station evaluations," he said. "The sections of the book on how to perform routine station evaluations are still valid and usable, especially the many charts of common antennas at different heights." Hare said ARRL Lab staff also would be available to help amateurs understand the rules and evaluate their stations."

RF Exposure and You is available in PDF format for free download from ARRL at,

<http://www.arrl.org/files/file/Technology/RFsafetyCommittee/28RFSafety.pdf>.

ARRL also has an RF Safety page on its website at,

<http://www.arrl.org/rf-exposure>.

The ARRL RF Safety Committee is working with the FCC to update the FCC's aids for following human exposure rules - OET Bulletin 65 and OET Bulletin 65 Supplement B for Radio Amateurs. In addition, ARRL is developing tools that all hams can use to perform exposure assessments.

VALLEY HAM NEWS

April 2021

FCC ISSUES ENFORCEMENT ADVISORY AGAIN

From The ARRL Letter for April 22, 2021 email:

“On April 20, the FCC's Enforcement Bureau issued a new Enforcement Advisory, repeating the admonishments contained in a January Advisory that no licensee or user of the Amateur or Personal Radio Services may use any radio equipment in connection with unlawful activities of any nature. The Commission specifically cautioned that individuals found to have used radios in connection with any illegal activity are "subject to severe penalties, including significant fines, seizure of the offending equipment, and in some cases, criminal prosecution.”

In addition, licensees should be aware that illegal operation in any service or band, including completely outside the amateur allocations, could potentially disqualify a person from holding any FCC license in any service, not just the Amateur Radio Service.

Any amateur observing suspicious activity that might be of an illegal or criminal nature should report it to their local law enforcement office or the FBI.”

BOARD MEETINGS

Our next board meeting is Tues., 4 May. It will be an in-person (with social distancing) and zoom meeting. Zoom details to be provided by email, later. Note: Zoom meetings can be attended via computer Zoom application (app), mobile phone app, iPad, or Android app, or dial in (landline or mobile phone).

PRESIDENTS MESSAGE

From the desk of KM6RHC, Daniel, Club President

Hello all, hope this finds all of you well. It has been a rough time these last 13 months as our hobby involves interaction that has not been allowed to occur. As we now have had a few months of ZOOM meetings and my thanks go to June and Linda for making that happen and helping us figure that out. We are starting to reopen the town with things starting to return to normal I'm hopeful of us getting back to our events. We are exploring options for Field Day 2021, locating FOX transmitters for a fox hunt and planning for some gatherings in the near future. I hope we can all get together soon and put all of 2020 behind us. We have found a lot of new Hams over the last couple testing sessions and upgrades are picking up too. Thanks go out to LeRoy for his efforts and all the VE's for their help as well. My thanks to Curtis and Marsha for their work with the Valley Ham News each month. I have been very busy with my work but have started making some time in the evenings to get on HF. I have had some neat QSO's with my Elmer Phil as we had 6 or 7 stations all receiving each other from 3 or 4 countries at the same time.

Message to all of our club Technicians and those who are new Generals, if you want to get on HF, let me know. I will make some time and have you over to operate. As always, if you have ideas for events or need help with anything, let me know. My best to

VALLEY HAM NEWS

April 2021

all of you and here is to a much better year.

Thanks for this QSO and till next, 73's Daniel Weber

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 webmaster, Kevin Conde, K1KMC.

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

✓Check out the [New England ARES Academy](#) channel on YouTube for a series of excellent training videos.

✓Send your ham related articles and pictures to share in your VHN. Pictures of ham shacks, antenna projects, 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.

VALLEY HAM NEWS

April 2021



Yuba-Sutter Amateur Radio Club Board of Directors Meeting Minutes March 2, 2021 Held on Zoom platform, hosted by June



Meeting called to order by Vice-President Mike Morris KK6ISQ at 19:05 hours.

Officers and Board Members present unless noted:

President: Daniel Weber KM6RHC - absent
Vice President: Mike Morris KK6ISQ
Secretary: Linda Maas KK6SOZ – absent
Treasurer: June McJunkin N6JEY

Director: Joe Visalli N9BD
Director: Chris McLain KK6VZD
Director: Neil Bossard N6CNY
Director: Brandon Guthrie KM6JID
Director: Kevin Klatt KM6WFW – absent

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

Secretary's Report (presented by others):

- Motion to approve minutes from February 2, 2021, Neil/Brandon, passed.
- Motion to approve 5 new Full memberships: Paul Hyatt KN6MXC, Ernie Rissler KN6GTN, Jerold Rissler KN6GHQ, Myron Rissler KN6GHM, and Jeff Rissler KN6GHP, Chris/Joe, passed.

Treasurer's Report:

- June presented the Financial Reports for March 2, 2021. Motion to approve, Neil/Joe, passed.

Old Business

- Some transmitters for the Foxhunt were found online.
- Curtis will make a presentation on batteries at the next club meeting.
- Looking into Zoom for Technician classes is ongoing.

New Business

- Bike around the Buttes has been cancelled this year.
- Chris will get a hold of John Portune W6NBC about a presentation on making slot antennas.
- Daniel to give a presentation on solar for April Meeting.
- Dave Gibson to give a presentation on Baluns for May meeting.

Motion to adjourn at 19:50 hours, Joe/Brandon, passed.

Respectfully submitted by Linda Maas KK6SOZ, YSARC Secretary, based on information from those present.