

THE CIRCUIT

The El Dorado County Amateur Radio Club

February 2020, Vol.14, No. 02

IN THIS ISSUE

Club Happenings.....	2/3
Radio-Active Events.....	4
Member Profile.....	5
Never too Late to Upgrade.	5
Orkney DXpedition	6/7
Tube of the Month	8
For Sale	9/10
Repeater Info	11
Meeting Minutes.....	12
Membership / Club Info	13

CLUB MEETING

Thursday, February 27
7:15pm
Federated Church

AG6AU TUESDAY NIGHT NET

Have you said "Hi" to Nancy lately?
8:00 PM Every Tuesday

52.78 (PL 107.2)
147.825 (PL 82.5)
147.975 (PL 82.5)
441.725 (PL 82.5)
927.27 (PL 127.3)

Out of range? Try [Echolink!](#)

NOTE: Bob needs to add you to the ECHOLINK Users List if you're not already registered. Send your Call Sign to:
w1rh@yahoo.com

PRESIDENT'S MESSAGE

Happy February, Mountain Folk (and you Flat-landers. too!)

I've recently heard of several ham clubs with dwindling attendance and little activity. Unfortunately, this includes the club I was once president of, in the Boston area. Our Club, however, is just full of energy and we continue to have great attendance at our meetings. I really credit Jay, KE6GLA, for what he, Nancy, and the former Board have done for this Club in the past few years.

I counted 42 in attendance at our last meeting. Of those, there were about 8 who either did not have a ham license or had one, but had been inactive. So why did these 8 attend our January meeting? They had heard about our Club at one of the many talks that Alan, W6WN, has been giving to local Fire Safe Councils and other community groups.



Any of you who have been a guest at one of the meetings where Alan has spoken can attest to the great respect the general public in our county has for Amateur Radio. Here in El Dorado County, we have many who have obtained their licenses just for communicating in the back country via Frank Yost's terrific High Sierra repeater or have gotten a license just to participate in the Large Animal Rescue groups.

Now, we have the **GMRS Neighborhood Radio Watch** project and the support for this project by both our own Club Members and members of the local Fire Safe councils has been phenomenal. We now have three Club-sponsored GMRS repeaters in operation and a total of 25 Club members who have subscribed to the [GMRS reflector](#) (email list).

Adding to all of the Fire-Safe council club activity are our on-going events such as last month's Gold Discovery Special Event station in Coloma. Several Members participated, and our ARES trailer was on display and noticed by many non-hams (see story on [page 2](#)).

We are very fortunate to have one of our own club members who is part of [The Perseverance DX Group](#), an international team of amateur radio operators who activate very rare DXCC locations in the world. Steve, [W1SRD](#), and the team just arrived on South Orkney Island and they are now on the air. I was fortunate to work them (VP8PJ) on 20 CW on their first day on the air. (see story on [page 6](#))

This is the first time South Orkney has been activated since 2011. The island is currently rated as #16 on the [most-wanted list of 340 DXCC Entities](#). If you have HF capability, please try to work these guys and don't be disappointed by the large pile-ups. Perseverance is the key word!

Also, we have a few several large stations in the Club, including my own, which can be made available for anyone who wants to try working them.

I hope to see many of you at our meeting on Thursday.

73 — Bob Hess, [W1RH](#)

CLUB HAPPENINGS

2019 -2020 Club Holiday Dinner, Sunday, January 19th

We had our annual club holiday dinner on at Federated Church in Placerville. About fifty of the club members were able to attend the meal catered by **Back 40 Texas BBQ**. We shared some desserts and had lots of good conversation and some lucky people went home with some great prizes. Thank you to all who attended.



Thanks to Bob Hess for picking out great prizes, and a Very Special Thanks to Jay and Nancy for all their hard work making our Dinner a Success! More photos: <https://groups.io/g/EDCARC/album?id=241905>

AG6AU Special-Event Station Commemorates Gold Discovery, Jan 25th and 26th

The El Dorado County ARC held a special event station at the Coloma Gold Discovery Park to celebrate the 172nd Anniversary of gold discovery by James Marshall.

The 2020 Discovery of Gold Special Event Station had over 420 QSO's over two days. Lots of Winter Field Day contacts were put in the log.

The weather on Saturday was excellent with lots of station visitors. Sunday we had a little rain, the first time in 18 years that it rained during the event. The weather cleared up in the afternoon for another nice day.

Fewer visitors on Sunday but lots of contacts. We had some fun generator issues to overcome and a noise problem on 20m but still had fun and even got some DX in the log. **See everyone next year! - Jay**



CLUB HAPPENINGS (continued)

Omo Ranch GMRS Repeater Install - Saturday, Feb 22nd



NEIGHBORHOOD
RADIO WATCH

WE LOOK OUT FOR EACH OTHER™

As part of our Club's continuing efforts to support local Fire-Safe Councils, we installed a test GMRS repeater at the QTH of Club members, Dick ([K6LRN](#)) and Carolyn ([K6TKD](#)) Wilson. A number of club members assisted with installation and coverage checks, including John ([K6YEA](#)), Colton ([WD6CWM](#)), Chris ([W7JOG](#)), Jason ([KE6BUU](#)), Tony ([W6QA](#)), Randy ([K6RGD](#)) and Bob Hess, [W1RH](#).

Dick and Carolyn's place is already home to one of our 2-meter voting sites. We installed the temporary antenna at the top of a mast that Aaron (W6CK) and Jay (KE6GLA) installed a couple of years ago.

On the ladder is Tony (W6QA). Assisting below are Randy, John and Chris. The temporary 462 MHz antenna is the white stick at the top of the mast.

Coverage checks following the installation showed that this site covers Omo Ranch very well. The Omo Ranch Fire Safe Council wants a repeater and we will probably be installing the permanent repeater in a few months.—Bob Hess



Aukum Fairplay Fire Safe Council - Sunday, Feb 23rd

The Club was asked to give a talk on *Radio For The Rest of Us* at the Fire Safe Council's monthly meeting at the Pioneer Park Rec Center. Representa-

tives from the Club included Bob, Joyce, Tony, Alan, Colton, Dick and Carolyn. The audience response was very good. At the end of the presentation, the standing-room only crowd of about 45 were asked how many were interested in starting a GMRS *Neighborhood Radio*

Watch program, and nearly every hand went up. Plans are now underway with the Fire Safe Council to setup workshops and install a Repeater in the area.

Coloma Lotus Grange Pot Luck - Sunday, Feb 23rd

After the Aukum Fairplay meeting, Bob and Alan went on to attend the Quarterly Pot Luck held at the Coloma/Lotus Grange. There were about 50 attendees who heard brief presentations and updates by the Coloma Lotus Fire Safe Council on Vegetation Management, a pending Community CERT program, and our own *Neighborhood Radio Watch* program.



RADIO-ACTIVITIES

MARCH

ARRL International DX– Phone Contest, March 7th and 8th, Goal is to work as many DX stations in as many DXCC entities as possible on 160, 80, 40, 20, 15, and 10 meter bands. Info: arrl.org/arrl-dx

Sierra Springs Regional Fire Safe Council, Monday, March 9 — 6:30 – 8:30pm, *Radio For The Rest of Us* Club Presentation, [Sierra Springs Owners Association, 5340 Edelweiss Way, Pollock Pines](#)

Oak Hills Area Fire Safe Council, Tuesday, March 10 — 5:30 ~ 7:00pm. *Phones, Fire and Failures* Club Presentation, Firefighters Memorial Hall, [3734 China Garden Rd, Diamond Springs](#)

Logtown Fire Safe Council, Saturday, March 14 — 9:00am – 12:00pm, *Radio For The Rest of Us* Club Presentation, El Dorado Fire Protection District, [6109 Quartz Dr, El Dorado, CA 95623](#)

5th Annual Loomis HamFest 2020, Saturday March 21 7:00 AM - Noon. 6:00 AM For Sellers. Talk-in 145.43 pl 162.2 Loomis Historic Train Depot, 5775 Horseshoe Bar Road, Loomis, California. Info: hamfest.weebly.com/about.html

*“I am often asked how radio works.
Well, you see, wire telegraphy is like a very long cat.
You yank his tail in New York and he meows in Los Angeles.
Do you understand this?
Now, radio is exactly the same, except that there is no cat.”*

- Attributed to Albert Einstein

APRIL

ARRL Rookie Roundup SSB Contest, Sunday, April 19, 2020 — Contest aimed at Amateurs licensed for three years or less. This six-hour event is held three times per year (April, August and December). Rookies can contact anybody, while "Old Timers" make contact with only Rookies. Info: arrl.org/rookie-roundup

Complete WA7BNM Contest Calendar Here
contestcalendar.com/contestcal.html

CLUB MEETING

Thursday, February 27
7:15 PM

Federated Church, Placerville
1031 Thompson Way (south side)

EL DORADO COUNTY ARES NET

EVERY MONDAY
7:30 PM

Net Control: Jay Harmor
[KE6GLA](#)

HAM RADIO LICENSE TESTING

VOLUNTEERS NEEDED!

March 14th 9:00AM

THE AMERICAN LEGION
POST 119
4561 GREENSTONE Rd.
PLACERVILLE, CA 95667

FEES ARE \$14.00
(Subject to change)

CONTACT:
KEN VOGELE, [W6KWV](#)
530-642-9523

Got an Event, an Idea, a Tip, an Update, Something to Share or Something to Sell?
Send your articles to The Circuit Newsletter Editor: Alan.W6WN@Gmail.com

PROFILES

Jordan Heichman, [WC6J](#)

This month, we get to learn a bit more about Jordan, [WC6J](#).

As many of you may already know, Jordan frequently likes to operate portable and quite often from mountain tops as a **Summits On The Air (SOTA) Activator**. He favors using an Elecraft KX2 and a PAC-12 quarter-wave, ground-mounted, vertical antenna for SOTA activations.

Here's more information on Jordan's PAC-12 Antenna: http://www.qsl.net/ash_ares/PAC-12%20Antenna.pdf

When operating from his home QTH in Placerville, Jordan uses a Yeasu FT857 with a Hex Beam, or a G5RV modified to a [ZS6BKW antenna](#).

In addition to his duties on the Board of Directors for our Club, Jordan is the **SOTA Regional Manager** for the Northern Sierra Nevadas and the Sierra Nevada Region. Please contact him at wc6j@jordan-h.com with any questions about **Summits On The Air**.

More photos and details can be found on Jordan's QRZ page: qrz.com/db/WC6J



Never Too Late to Upgrade

George "Buck" Miner, [K6RFE](#), of Sun City, Arizona, has been an active ham since earning his first license in 1956, upgrading to a General-class license 10 months later. It wasn't until January 26, however, that he upgraded to Amateur Extra — *at the age of 94*.

Miner began losing his sight at a young age and became totally blind when he was 27. That never slowed him down, however. Over the intervening years, he repaired TVs and sold, repaired, and installed two-way radios. He even managed a 200-acre ranch on the northern California coast, where he fished and dived for abalone.



Miner was a local celebrity, too, producing and hosting a live radio show in Eureka, California — "*Chuck Star and his Rambling Guitar*" — on which he told stories, sang, and played guitar. To survive living alone, he learned to cook for himself and has produced several "[Miner's Miracle Kitchen](#)" YouTube videos that humorously demonstrate how he cooks without sight.

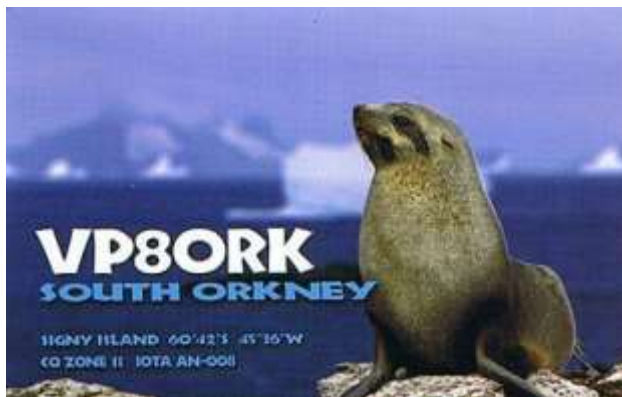
Miner has written several books, including an autobiography, *My Darkness Under the Sun*. He's also composed hundreds of songs, including "*CQ Boogie*," and he continues to play his guitar and sing for fun and profit. — Thanks to Bob Ringwald, [K6YBV](#). Courtesy, ARRL Web Site: arrl.org/news/it-s-never-too-late-to-upgrade

SOUTH ORKNEY ISLAND DXPEDITION



February and March are the big months that The Perseverance DX Group and W1SRD, who is one of the team members and also a member of EDCARC, have waiting for. The Perseverance DX Group, mostly with their own funds but also with donations, has put nearly \$400,000 into this costly effort to activate a rare Entity in the Antarctic. South Orkney is currently #16 on ClubLog's most wanted list of the 340 DXCC entities in the world. Getting there meant a 4-5 day crossing of the Drake Passage, between the southern tip of South America and the South Orkney Islands. From what I'm told, it was a rough trip. They arrived late last week and began operations on Saturday, February 22nd. When they return, I can guarantee you that Steve will have a presentation for our Club.

In November, of 2011, we played the VP8ORK DXpedition video at a club meeting. This was the last time the South Orkneys were activated. The DXpedition took place earlier in 2011. I was fortunate enough then to work VP8ORK on both 20 and 40 meter CW and Phone. The card shown is from my own collection. This time, I'm going to try hard to get them on some of the other band/modes. As of this writing, I've been able to work VP8PJ on 20 CW.



The history of any of the rare islands in the world is always fascinating. Below is a bit of the history of the South Orkneys from the VP8ORK and VP8PJ Web Sites:

The South Orkney Islands were discovered in 1821 by two sealers, Nathaniel Brown Palmer and George Powell. The Islands were originally named Powell's Group, with the main island named Coronation Island as it was the year of the coronation of King George IV. In 1823, James Weddell visited the Islands, gave the archipelago its present name (after the Orkney Islands, Scotland) and also re-named some of the islands. The South Orkney Islands are located at roughly the same latitude south as the Orkney Islands are north (60°S vs 59°N), although it is not known if this was a factor behind the naming of the islands.

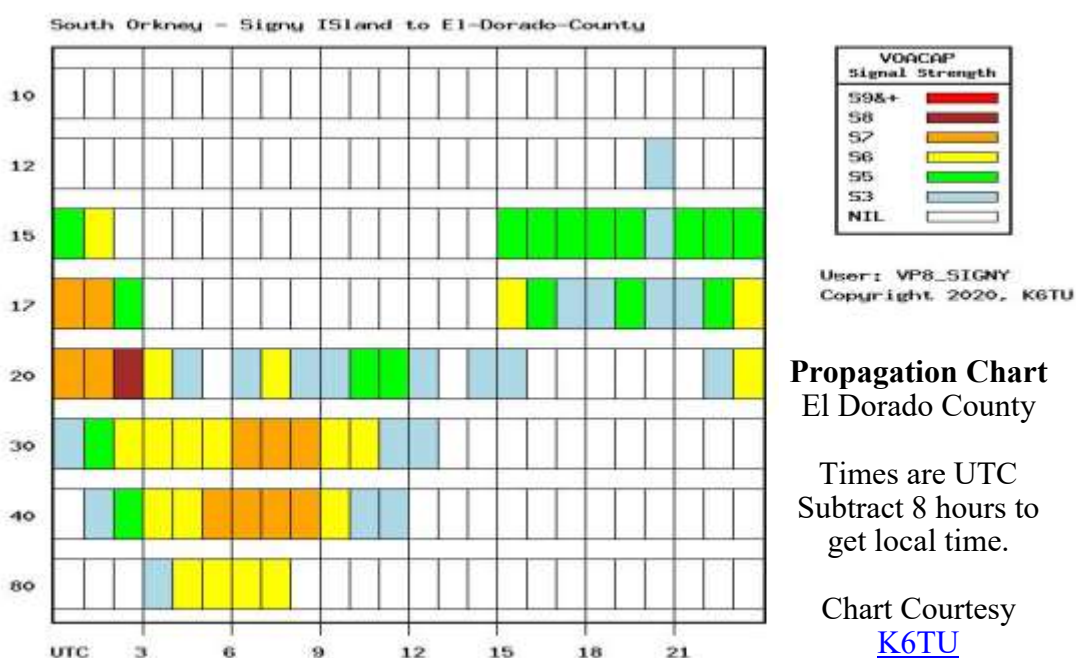
(cont. on page 7...)

SOUTH ORKNEY ISLAND DXPEDITION

Subsequently, the Islands were frequently visited by sealers and whalers, but no thorough survey was done until the expedition of William Speirs Bruce on the Scotia in 1903, which overwintered at Laurie Island. Bruce surveyed the islands, reverted some of Weddell's name changes, and established a meteorological station, which was sold to the Argentinian Government upon his departure in 1904. This base, renamed Orcadas in 1951, is still in operation today and is thus the oldest research station continuously staffed in the Antarctic.

In 1908, the United Kingdom declared sovereignty over various Antarctic and South American territories "to the south of the 50th parallel of south latitude, and lying between the 20th and the 80th degrees of west longitude", including the South Orkney Islands. The Islands were subsequently administered as part of the Falkland Islands Dependencies.

A biological research station on Signy Island was built in 1947 by the British Antarctic Survey. In 1962, the islands became part of the newly established British Antarctic Territory



Below is the Band Plan. If you have HF capability, you should be able to work this expedition, especially on the FT8 mode. Note that "F/H" means that VP8PJ will be operating in "Fox and Hound" mode when using FT8. In very simple terms, this just means that they will be working multiple station simultaneously, giving you a better chance to make a contact.

We have a few stations in the Club with big HF beams on towers. I'm sure any one of our members would be willing to let you try working VP8PJ, using your own call (assuming you're licensed for the particular band and mode) at their station.

By Bob, W1RH

CW	SSB	RTTY	FT8
1.826.5	—	—	1.836 F/H
3.523	3.790	—	3.567 F/H
—	—	—	5.357 Not F/H
7.010	7.090	7.045	7.056 F/H
10.105	—	10.142	10.131 F/H
14.023	14.185	14.080	14.090 F/H
18.069	18.130	18.105	18.095 F/H
21.023	21.285	21.080	21.091 F/H
24.891	24.955	24.910	24.911 F/H
28.023	28.485	28.080	28.091 F/H

VP8PJ Band Plan

REPEATER INFO

IRLP Node 7195 and Echolink 668182 node available on 440 and 2 meter repeaters. Autopatch available on the 6M repeater

BAND	FREQUENCY	PL
6 Meters (- 500 kHz)	52.78 MHz	107.2 Hz
2 Meters (wide area)	147.825 MHz	82.5 Hz
2 Meters (EDH Local)	147.975 MHz	82.5 Hz
1.25 Meters	224.06 MHz	127.3 Hz
70 Centimeters	441.725 MHz	82.5 Hz
33 Centimeters	927.2375 MHz	127.3 Hz
33 Centimeters	927.2750 MHz	127.3 Hz

REPEATER FUND DONATIONS

**YOUR DONATIONS
KEEP US ON AIR!**

**REPEATERS COST
\$\$\$\$ TO INSTALL
AND MAINTAIN.**

PLEASE DONATE!

REPEATER TIDBITS

Courtesy Bob Hess, [W1RH](#)

Here's some handy Repeater Codes to try:

2#111—Punch in this code on 2 meters and the repeater will respond, “RADIO CHECK READY” Key your microphone, say a few words, release the mic, and hear your signal as it is recorded at the repeater.

4#111—Punch in this code on the 440 repeater and the repeater will respond, “RADIO CHECK READY” Key your microphone, say a few words, release the mic, and hear your signal as it is recorded at the repeater.

6#111—Punch in this code on 6 meters and the repeater will respond, “RADIO CHECK READY” Key your microphone, say a few words, release the mic, and hear your signal as it is recorded at the repeater.

2#112—Will play back the date and time on 2 meters.

4#112—Will play back the date and time on 440.

6#112—Will play back the date and time on 6 meters.

61291—Enter this code on 6 meters to link 6 meters to 2/440

61292—Enter this code on 6 meters to un-link 6 meters from 2/440

EDCARC PHOTOS AND PRESS RELEASES

As your Club's new Public Information Officer, I'll be developing Press Releases for our Club activities. If anyone has any photos from past events, [please send them](#). Photos that capture both the event and especially any “Radio Activity” are great. For example, a kid and his dad on the radio, or bikes and a radio operator at a Ride Event Check Point. **Also, photos of Club Members are always appreciated.**

Ideally I'd like to know the names of who took the photo, the people in it, and the date and location. Sending your photos means that you grant permission to use them (for Club promotional purposes only :).

Please Email to Alan.W6WN@Gmail.com and thanks in advance for your help.

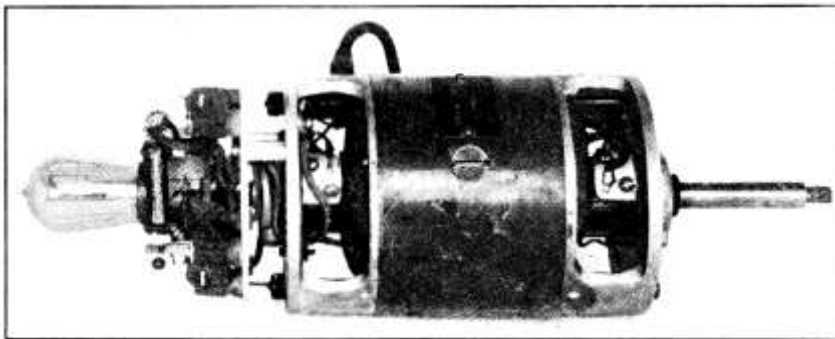
TUBE OF THE MONTH

The TB-1 Regulator

Of the handful of original tubes made for the U.S. Army in World War I, one was a regulator tube. Today it isn't unusual to find them still in the original box from 1918. This was probably because they made more than they needed as the equipment wasn't that effective. The Army Signal Corps decided that they could use the new AM mode and not teach their airmen the Morse code.



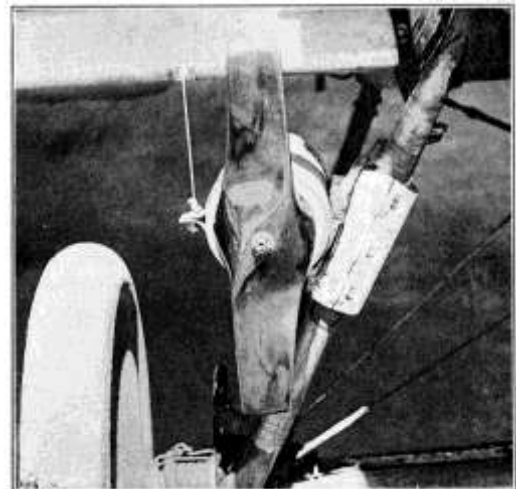
The transmitters of that day were self-excited oscillators. Any instability in filament or plate voltage would make the oscillator drift wildly. Batteries would be too heavy to deliver the 250 DC volts for the oscillator and modulator tubes, so a two winding generator was designed. One winding generated the high voltage that would be regulated by the TB-1. The second winding produced a low voltage to light all the filaments. The generator had the three pin TB-1 mounted on the rear end and a small propeller or "air fan" mounted on the front.



If the plane was flown too slowly, the generator wouldn't make enough voltage and if flown too fast the voltage would be too high and possibly smoke the regulator. They found that 4000 to 14,000 r.p.m. would work correctly. That r.p.m., translated into air speed, was 50 to 200 miles per hour.

The generator assembly was mounted on one of the landing struts. The photos were taken by the Signal Corps in about 1918.

Courtesy, Norm, N6JV
Visit Norm's Museum:
www.n6jv.com



FOR SALE

From the estate of Harry Miller, W6HFM

If you don't monitor the local fire channels, you should. As many of you know, Harry was very active in ARES and with the Red Cross disaster relief operations in various parts of the country. The scanners he owned were the best you could get. This one, the Pro-96, is a hand-held gem. Note that it also covers the 220 and the 1296 ham bands.

\$85

Contact Bob, W1RH (w1rh@yahoo.com)

- 500 channels - 10 banks +Virtual Memory - Allows up to 5500 channels (11 folders)
- 25-54, 108-174, 216-225, 406-512, 806-960, 1240-1300MHz range
- Scan rate 60 cps
- 5, 6.25, 7.5, 12.5kHz steps
- TCXO for frequency stability (?)
- Digital AGC
- Adaptive digital tracking (ADT)
- Digital signal processing (DSP)
- CTCSS/DCS abilities

- System Types:
- Motorola Type I
- Motorola Type II
- Motorola Type II Hybrid
- Motorola Type II Smartnet
- Motorola Type II Smartzone
- Motorola Type II Smartzone Omnilink
- EDACS Standard (Wide)
- EDACS Standard Networked
- Project 25 Standard



FOR SALE (continued)

From the estates of Harry Miller, W6HFM, and William Ozment, W6LSW

VK3YNG Foxhunt Sniffer

The VK3YNG Foxhunt Sniffer is a specially designed synthesised VHF direction finding receiver covering 120MHz and 144MHz bands.

The receiver is designed for quickly finding the direction of beacons or hidden transmitters. Anything from distant weak signals to very close "sniffing" of transmitters running many watts of output power can be pin pointed accurately without suffering "overload" problems that plague other designs. Full auto-ranging operation allows the operator to quickly and intuitively locate the source of a signal without twiddling knobs or watching meters. The operator is freed to concentrate on more important things such as negotiating terrain or reading maps.



These have still not sold. I paid \$300 for mine. They need to be ordered from Australia and there is currently a long lead-time if purchased new. Nothing beats these boxes for fox hunting. The price is not negotiable. I would really like to sell them to Club members since we used to do fox hunts often and will probably start them up again. The families of these esteemed former members of our Club deserve to get a good price.

\$175—Includes antenna (from Harry's estate)

\$150—Includes a case (from William Ozment's estate)

Contact Bob, W1RH (w1rh@yahoo.com)

MONTHLY MEETING MINUTES

Date: 24 January 2020
Location: Federated Church - Placerville
Attendance:

- [x] Bob Hess, President, W1RH
- [x] Chris Kepus, Vice President, W7JPG
- [x] Nancy Harmor, Treasurer, KG6PNP
- [x] Susan Keale, Secretary, KM6NFP
- [x] Dave Sanders, Board Member, K6TQ
- [x] Jay Harmor, Board Member, KE6GLA
- [x] Michael Picco, Board Member, K6MLE
- [x] Jordan Heichman, Vice President, WC6J
- [x] Alan Thompson, Public Information Officer, W6WN
- [x] Justin Tabatchnick, Board Member, KB2ZVD

Board Meeting: The meeting was called to order by Club President Bob at 6:30pm.

Treasurer's Report by Nancy:

1. Gave check to Bob for door prize and a raffle payment.
2. Said that the bank signature card needs to be updated with signatures of Bob/Pres., Chris/VP, and Nancy/Tres.
3. Paypal Acct Repeater Bal \$617.89
4. Paypal Members Bal \$55.62
5. Repeater Saving EDS Bank \$2172.74
6. Membership Checking \$213.30 - \$150 (rent) = \$63.30
7. Several members have not yet paid their dues.
8. Annual Club Expenses are \$1026/year. With 78 active members dues paid = \$1170. Not much surplus. 60 members are inactive and haven't paid dues.
9. Recommend increasing dues. Discussion on amount followed. Motion made to increase dues to \$25/year and leave repeater amount at \$25/year. Motion seconded, voted on and passed.
10. Dues go up April 1st. Until then members can still pay the old rate. Family rate increases to \$37.50/year.

Upcoming Events:

1. **Gold Discovery Special Event January 25-26.** Jay/KE6GLA and Roger are working on event. There will be a trailer that has an awning in case it rains. Event is published in QST.
2. **Field Day – June 27-28.** Roger Newman is coordinating it, taking over for Dave/ K6TQ. There needs to be another Class E member helping out.
3. **El Dorado County Fair – June 18-21.** Bob/W1RH said that we need to get publicity out. Also it is recommended that when we sign up for our booth space that we emphasize that we want to be located by Search & Rescue.

Old Business: Holiday Dinner was enjoyed by all!

New Business:

1. **Club Lending Library** – Alan/W6WN is our Public Information Officer (PIO) who will put together a box of donated books. This lending library will be brought to each meeting with and honor/check out system. Members can donate books. There will be a book list put on our website.
2. **Recorded Meeting Presenters** – We can video/record our presenters. We will need to get each presenter's permission.
3. **Full Year Special Event Calendar** – Jay/KE6GLA updates the calendar on our website. Please let Jay know of new upcoming events.
4. **Club Mentors** – Revive club Elmer Listing. Chris/W7JPG will get the list together.
5. **Fox Hunt** – Jay/KE6GLA will work on finding some dates this year that will work for a Fox Hunt.
6. **Club Building Projects** – We have had projects on building antennas and shooters. What are some more ideas for workshops? Maybe GMRS antennas?
7. **Meeting Presentations** – Thank you to Jordan/WC6J for getting interesting speakers for 2019. We have good speakers coming for 2020. Can we stream speakers? Everyone can make suggestions or recommendations.
8. **GMRS Updates** – Fire Safe Council workshops: Coloma Lotus Fires Safe Council had a lot of questions for Alan & Bob and appreciation for the club. Alan is putting together a brochure on Neighborhood Radio Watch with explanations and encouragement. We were given a large banner from AARL with "Radio Communications – Skill, Service, Discovery" on it.

General Meeting:

1. Nancy/KG6PNP gave Treasurer's report.
2. Dave/K6TQ gave a talk about his challenges and successes in installing a 60' tower antenna next to his house.
3. Minutes were taken by Susan Keale, KM6NFP.

MEMBERSHIP DUES AND REPEATER DONATIONS

NOTE: Membership Dues are going up! Finally, after 30 years, we're increasing our yearly dues on April 1st from \$15 to \$25. Your Membership Dues and Repeater Fund Donations make it all happen: Member: \$25.00 / Spouse/Assoc. Member: \$7.50.

There are three ways you can pay your dues and make a repeater donation:

By PayPal: Go here: EDCARC.NET/INDEX.PHP/MEMBERSHIP and scroll down to the PayPal button. There is a small handling charge.

By Check: Make Club dues checks payable to "EDCARC" Make repeater donation checks payable to "AG6AU Repeater Fund." Bring your checks to the next EDCARC meeting, or Snail Mail:

EDCARC
P.O. Box 451
Placerville, CA 95667

Updates? If you need to update your personal information, e.g. address (residence/email), phone #'s, etc., fill out an application form here: edcarc.net/files/el_dorado_county_ARC_membership_App.pdf and bring it to the meeting, or mail it to the address above.

Thanks to everyone for supporting *Your* Club!

73, Nancy, KG6PNP, Treasurer



2020 El Dorado County Amateur Radio Club Board and Members

President	Bob Hess	W1RH	530-350-3843	w1rh@yahoo.com
Vice President	Chris Kepus	W7JPG		ckepus@comcast.net
Treasurer	Nancy Harmor	KG6PNP		nanharmor@comcast.net
Secretary	Susan Keale	KM6NFP		
Board Member	Dave Sanders	K6TQ		eprd2016@pacbell.net
Board Member	Jordan Heichman	WC6J		radon@jordan-h.com
Board Member	Sue Mosbacher	KM6ILP		
Board Member	Michael Picco	K6MLE		k6mle@arrl.net
Board Member	Phil Mosbacher	KK6YYD		kk6yyd@gmail.com
Board Member	Justin Tabatchnick	KB2ZVD		justint701@comcast.net
Repeater Trustee	Bob Hess	W1RH	530-350-3843	w1rh@arrl.net
Webmaster	Jay Harmor	KE6GLA		jharmor@comcast.net
Public Information	Alan Thompson	W6WN	530-417-1451	alan.w6wn@gmail.com