



Clallam County Amateur Radio Club

Volume 22 Issue 6

June 5, 2022

President's Corner

In honor of KI7MZH's and KG7JWW's (the last page will remind you these are Rosemary Day & Joe Wright) service as Club Officers, I'm dedicating this President's Corner to something less cosmological and more personal.

In 1976 [Gail Sheehy](#) published highly lauded non-fiction *Passages: Predictable Crises of Adult Life* that gave focus and words to that part of the universal human condition we all face, the transitions from one stable, *learned* state of affairs to the next, a wholly unfamiliar but learnable state. We were all children, until we each individually graduated to adolescents ("May I borrow the car tonight, Dad?"); then as we grew in age and personal power there came the first kiss, the first job, the first time..., well, for everything.

For many of us in the club, no matter how optimistic we are, there are far fewer days ahead than behind. We've done most of the "first-time" things, are now at the other end of the human experience, looking backward fondly or with regret (I personally tend to focus on the latter, see my errors & sins as far, far bigger than my triumphs, my joys). But nonetheless none of us are dead; there's still time for new (albeit even semi-familiar) experiences. And for travel in these Plague Years, if we can't *go* then we can at least plan. I use Google Maps as a combination place-memory & bucket-list, with (virtual) pushpins marking places; the desolate American West is yellow-saturated, ditto Europe, Vietnam gets a few (distant friends), but Australia & Russia are almost colorless....

However, that's not entirely what this musing is about. *Passages* spoke of those states. I speak of the transitions, especially the peak moments of celebration, where joy is shared with friends, at the closing of one door & the opening of another.

Another way to look at this state vs transition contrast is with a DC circuit. The voltage state

along a wire is, within measurement error, going to be everywhere the same; it's only at circuit elements that the voltage might change. But an (idealized, stick with me here) electron spends most of its "time" in the wire, and not in the state change.

When you look at a stairway, a stair-**way**, do you see the steady-state tread, or the transitional riser?

And so, we the club wish the both of you excellence in what comes; you're always welcome to return, whether normal visit or office re-invocation.

Glen KJ7KLC
CCARC 2022 President & Newsletter Editor



{one of Giovanni Caselli's beautiful pastels from the Juliet Sharman-Burke's Beginner's Guide to Tarot, here the shared peak moment that is the Three of Cups (and if you're interested, the deck is offered via <http://www.foolsdog.com/Beginners/> as an app - I used to have the Android one myself) }



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Board Meeting Minutes

June 4th, 2022 at 1900
Via Video Conference

Attending:

Board: President Glen KJ7KLC, Treasurer Rosemary KI7MZH, Secretary Jeramey KF7PMC, Trustees Bob K6MBY
Absent: VP Joe Wright, KG7JWW, Chairman Sheldon N7XEI, Thomas N7DWU.
Others: Rik WX7RIK

1907 Called to Order by Trustee Bob Sampson K6MBY. A quorum of 4 members present. Motion to approve April 2022 Minutes as posted by Rosemary, 2nd: Glenn; Approved unanimously.

Rosemary presented treasurer report: *withheld* CK Balance; *withheld* deposited this month (balance of Joe promissory note), *withheld* outstanding check (DNR); Savings Account *withheld* CD's same as last report. Membership 85 Members + 10 Life.

New Business:

- Rosemary resigning, Jeramey offered to take on duties as Treasurer for Rosemary's term. Jeramey nominated by Glenn, 2nd by Bob passed unanimously.
- Vice President Joe has resigned. Glenn contacting members for replacement appointment.
- Web Page: Consider backup plan for QRZ Page, Web Site, succession planning.

- Tech. Team Mileage Reimbursement at the then current IRS mileage rate for trips in support of the Club's repeaters and equipment. Motion by Bob Sampson, 2nd Rosemary.
- Discussion on how to improve relations with new members and bring on new members whilst offering interesting programs to new and old hams alike. New members meetings (possibly right before/after a general meeting), Field Trips, partner with ARES, new member "Got my License, now what?" type of training. Offer pre-meeting or post-meeting time dedicated for New Members.

Old Business:

- Discussion of in-person events, haven't heard of PAFD allowing in-person meetings. Pending.
- Groups.IO premium was completed, 81 members signed up per Bob K6MBY

Motion to adjourn by Rosemary Day, KI7MZH, 2nd: Glenn KL7KLC, approved unanimously.

Member meeting next Wednesday.

Meeting ended 2018.

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Respectfully Submitted,
Jeramey Johnson, KF7PMC
Secretary



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Club Meeting Minutes

May 11th, 2022 at 1900

Via Video Conference

Attending (17 total with 16 Members max counted approximately 1911):

Members and Guests: Chuck Jones N7BV, Carole KC7CW, Chris WY7W, Glen KJ7KLC, Rik WX7RIK, Herm W7HRM, Bill Peterson K7WWP, Lee K7KC, Doug Welker, Roger K7RGR

Board: President Glen Kilpatrick KJ7KLC, VP Joe Wright, Treasurer Rosemary Day, Chairman Sheldon N7XEI, Bob Sampson K6MBY, Thomas Clark N7DWU

Absent: Secretary Jeramey Johnson KF7PMC (business emergency).

Approximately 1901 Called to Order by VP Joe Wright for President Glenn.

Officer Reports:

- Approve Minutes for March, M: Bob K6MBY, 2nd: Tom N7DWU, approved unanimous by members present.
- President: No comments.
- *[repeat from last month of VP KG7JWW (voted on later in meeting)]* New Business: Upcoming vote for modification of the Bylaws. A submission was received by the Board, made by many Board Members, to restore a provision inadvertently removed during the last Bylaws revision to remove a Member “Any willful activity detrimental to Amateur Radio or to the Club” into Article III: Membership, Paragraph 4, Section (C). This will be voted on at May General meeting. *[repeat from last month of VP KG7JWW (voted on later in meeting)]*
- Treasurer: Deposit since last meeting \$ *{withheld}*; 1 check to deposit \$ *{withheld}*, New Balance \$ *{withheld}* (up to today) outstanding \$ *{withheld}*; Savings \$ *{withheld}*; Memberships 84 (1 delinquent) members + 10 life members, 21 unpaid.
- Swiftsure Race upcoming and using W7FEL as backup repeater (approved by Board).

- COB: Review of items discussed by VP Joe Wright.

Committee Reports:

- 2M Net (Lee) average about 27 call-ins on the net. Always looking for net operators.

Old Business:

- Upcoming Field Day planning meeting – Sheldon will be in touch.

New Business/Announcements:

- A finding of a valid quorum with 17 Members in attendance, more than the 2/3 rds of the members at the last meeting (19) required to make Bylaw modifications.
- At least 30 days’ notice was given to the members of the Bylaw modification proposal.
- Bylaws revision as presented to the Board April 6th, 2022, motion discussed by sponsors Bob K6MBY and Jeramey KF7PMC. Motion to end discussion by Sheldon; 2nd Thomas; passed unanimously, no opposition.
- Breakfast, Saturday 0900 Mariners Café (Sequim).

Program Presentation by, our own Bill Peterson, K7WWP: Part III – Solar Power for Van.

Meeting adjourned at approximately 1923, M: Sheldon N7XEI, 2nd: Bob Sampson

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Respectfully Submitted,
Jeramey Johnson, KF7PMC
Secretary

Note: Although absent at the meeting due to a outside emergency, these minutes were generated by viewing the live video recording subsequent to the meeting provided by Bob Sampson.



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Travels with Rita

On indefinite hiatus, no ETA.

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Rumors of My Death Have Been Greatly Exaggerated

(Various misquotes from Mark Twain)

Bill AC0ED

I was around when the earth was still cooling – neat colors and lots of heat. I can struggle for an hour trying to make packaging submit to my need to get what’s inside. I use GPS to tell me where I should search for my keys. Unfortunately, our age has led to some benign neglect of our beloved hobby. Many of the signs are there. A sure sign of the demise of an organization is when people only talk to each other. Do you remember Toys-R- Us, BlockBuster, Payless Shoes, and Pan Am (I loved Pan Am)?

Moreover, one might think that HAM stands for ‘hobby apathy management.’ It is common for ham clubs to have many more members than ever attend meetings or otherwise participate (guilty as charged). Full disclosure, I’m not a conversationalist. My wife called me socially retarded. Someday, I hope to learn how to make digital comms work so that I can type rather than talk. Many have written that ham radio needs an influx of young people, or the hobby will become another extinct organization. I have read several articles about the potential demise of ham radio and a call for involving more young people (6) . One need only attend a ham conference and count the number of non-gray-haired attendees to get the idea (easier than counting the gray hairs). Other countries have seen an increase in ham radio interest and participation (7) . However, the U.S. usually shows a 1% or so change.

So, okay, Mr. Scientist, where’s your evidence? Despite numerous online articles, I checked with Google Trends™ searches for the term “ham radio.” The data and 2nd order polynomial fit in Figure 1 show that since about 2004, interest in Ham Radio may have been declining. There is an uptick in the data around 2021, probably indicative of the pandemic and lockdowns. However, the slight increase was followed by the lowest overall values, which may be a future harbinger or a genuine but temporary interest in ham radio (5) . Of course, there are not enough data. It seems like there are never enough data.

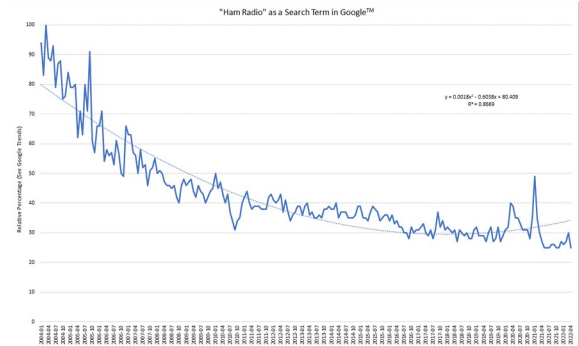


Figure 1. Google Trends uses a somewhat awkward method of tallying and reporting data, but the system has been used in the past and others have relied on it (2, 3, 8, 9).

I am pretty confused regarding the number(s) of hams. The ARRL boasts they are the largest ham radio organization globally, with 160,000 members in the U.S. (1) . However, ARRL also indicates that there are 755,430 total licenses in the U.S. I don’t know what happened to the 600,000. About 51% of the Hams in the U.S. have a Technician license (384,145). The General Class comes in second with 175,949, and Ham Extras are close in third with 147,369. Advanced and Novice licenses continue to decline, with approximately 47,000 remaining. The best data I could find from 2017 showed a decline in new licenses of 620. However, these data precede the pandemic uptick of 2020 (1, 5).

As a prepper, I am aware of the interest of the prepping community in emergency comms. Ham radio is nearly always mentioned with a caveat that operators need a license, but Ham radio’s power and reach make it attractive. However, preppers often become one of the hams that purchase a handheld, get their tech license and then put the radio in a drawer and wait for an emergency.

Ham radio isn’t alone in enhancing membership and participation by improving relevance with current and potential members. Before young athletes could finally voice their experiences with abuse, the International Olympic Committee also recognized that modern youth have less interest in “traditional” Olympic sports. The most recent Summer Olympic Games were called a “bust” in viewership (4) . Of course, recent history has been strange in nearly every dimension. It is probably unfair to compare pre-pandemic and post-pandemic events. However, participant decline has been observed in many institutions. The IOC chose to shrink the team sizes (partly for cost reasons) and institute some sports



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that can only be called “fringe” to lure young people into watching the Games. I hope we don’t have to initiate such activities as breakdancing, surfing, or skateboarding to increase interest. Although maybe we can consider “man carry” events on weird forms of transport. How about SBOTA (Skateboards on the Air) or C.W. while standing on your head and spinning? “Skateboard Mobile” anyone?

Some things might bring more young people:

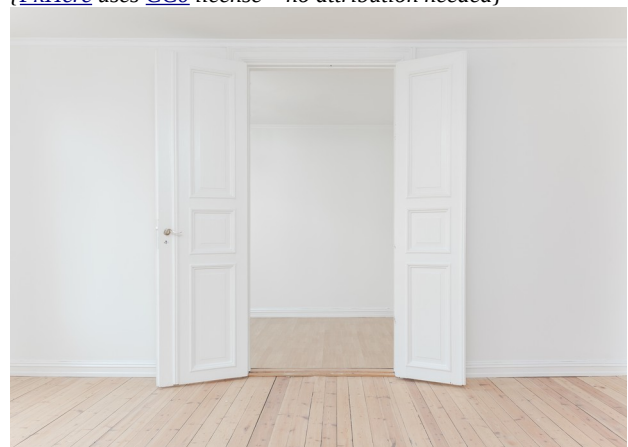
- I loved doing RDF, although I sucked at it. Perhaps we could sponsor some kids for simple RDF using only handhelds and body shielding. Near Grand Junction, Colorado, locating an airplane beacon that had been left on by accident was a blast. My handheld and barrel chest worked pretty well.
- How about a “Makers-type” event. Crystal radios are usually a good fallback but perhaps overdone. The local Home Depot sponsored monthly “you build it” things for kids back in Colorado Springs.
- How about building a transmit switch for use via electromyography (EMG)? I did EMG work on my dissertation. The current interest in remote control and robotics might give some kids a simple project using muscle tension to activate the transmit switch. For example, a partially paralyzed or vision impaired person might be able to use such a device to get on-the-air. I will work on this, but SparkFun’s Myoware board is out of stock. A simple instrumentation amplifier will easily detect muscle electrical activity.
- LORA technology might serve as a springboard for younger people to get their feet wet with radio communication that doesn’t require a license. They could use this technology to send messages (text), perform simple to complex functions, and otherwise set up their network for friends and others.

I’m reasonably sure that all members possess much higher electronics skills than myself. Of course, my first love is emcomm, but everyone needs a first love, which sometimes leads to “children” (AKA Ideas). Maybe we can help people find theirs.

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Officers and Board Members

- President (& Newsletter Editor) [Glen Kilpatrick KJ7KLC](#) 503-776-0877
- Vice President [Joe Wright KG7JWW](#) 360-640-9548 TBD
- ~~Treasurer (& Membership) Rosemary Day KI7MZH 360-457-6895 becomes~~
- Secretary & Treasurer (& Membership) [Jeramey Johnston KF7PMC](#)
- COB [Sheldon Koehler N7XEI](#)
- 2nd Year [Bob Sampson K6MBY](#) 360-477-0776
- 1st Year (& Inventory Manager) [Thomas Clark N7DWU](#) 719-238-8576
- Trustee [Clif Keely AA6FE](#)

New Members

- "Lorem ipsum..."

Items for sale

- "Lorem ipsum..."

Items wanted

- "Lorem ipsum..."

Announcements

- "Lorem ipsum..."

Nets, Frequencies, &c

- CCARC Net every Thursday at 7:00 pm on Striped Peak Repeater 146.760 minus with tone 100 Hz
- Clallam ARES Net Tuesdays at 7:00 pm on Striped Peak Repeater 146.760 minus with tone 100 Hz
- ~~"Weather Net" daily at 9:00 am on Striped Peak Repeater 146.760 minus with tone 100 Hz ended~~
- "The Watering Hole" SSB Net daily at 5:30pm Port Angeles 28.450 (USB)
- Olympic Peninsula DMR Sunday afternoon 4:30 pm Talk Group 31531 on K6MBY DMR or WF7W DMR or KC7EQO DMR or your local hotspot
- WF7W Port Angeles 145.310 minus tone 100 Hz
- KC7EQO Blyn Lookout 442.100 plus tone 100 Hz
- K6MBY/W6MPD 444.900 plus K6MBY (Sequim) tone 131.8 Hz or W6MPD (PA) tone 107.2 Hz



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