

## Section Manager

### East Bay Section Newsletter July, 2022

ARRL East Bay Family,

I had a good time on Father's Day visiting the Oakland Aviation Museum and chatting with Peter Krarup, KK6YGH, again. He sets up a multi-radio ham station at these Open Cockpit Days events. As always, the displays are interesting and I saw some things I hadn't noticed on previous trips. Thank you, Peter, for your dedicated ham radio public outreach.

Enjoy your Independence Day holiday; and while doing so, please remember those over the last 2-1/2 centuries that have given so much to make us free and keep us free.

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#### Section & Division News:

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#### \* Field Day – 2022

During my rounds last Saturday, it seemed that everyone was having a good time, despite the poor band conditions. Reports from HQ indicate that our troubles were a common problem nationwide. I went to 12 locations and drove some 250 miles that day. It was a long day, but I have it easy compared to some Section Managers, whose areas cover an entire state. For example, the North Carolina section manager reports that he drove over 600 miles, and only covered a part of the state. And that's a small state compared to the Dakotas, Montana, Wyoming, and several others.

As one example of my visits, the Vaca Valley Radio Club had some 15 stations, all on battery; one of the largest set-ups I've seen. They succeeded in getting several newspaper articles published in local papers about their Field Day; and a bonus. Bob Hawkins, W6VVR, made a live contact with the International Space Station, NA1SS. A recording of his contact is at this link ([https://drive.google.com/file/d/1G628\\_4YaX1WrJwsMogN1mtsf4FN8h8QW/view?usp=sharing](https://drive.google.com/file/d/1G628_4YaX1WrJwsMogN1mtsf4FN8h8QW/view?usp=sharing)) [WAV; 00:01:17]. The ISS voice is hard to hear in the recording, but it's there. Congratulations, Bob! [Thankx to Don, KM6INR, for the information.]

Over 500,000 Field Day contacts have already been reported to the ARRL. Remember, your Field Day results must be postmarked or submitted via web app at ([field-day.arrl.org/fdentry.php](http://field-day.arrl.org/fdentry.php)) by Tuesday, July 26, 2022 at 2059 UTC (1359 PDT, or 1:59 PM). Late entries cannot be accepted. For submission instructions, see the Field Day Packet (complete) section 8 (REPORTING) or (<http://www.arrl.org/field-day-rules>), item no. 8. Participants who submit their entries using the above web app can earn 50 bonus points and will receive an email confirmation of their completed entry. To see if your entry has been received go to ([field-day.arrl.org/fdentriescvcd.php](http://field-day.arrl.org/fdentriescvcd.php)). If your entry is missing any required document or bonus point proof, the status will be listed as "pending." Participants may upload additional documentation to the entry for up to 30 days after the entry deadline. All Field Day rules are at (<http://www.arrl.org/field-day>).

#### \* Emergency Preparedness

While chatting with Peter at the Oakland Aviation Museum, I saw he had a number of flyers and handouts. One in particular that caught my eye is a really handy "Pocket Guide to Emergency Preparedness", prepared by the Alameda County Public Health Department. It's printed on an 11" x 17" sheet of paper, but folds down into only about 2" x 3-1/2", truly pocket size. It consists of colorful graphics and short bullet points on preparing for and responding to emergencies, such as earthquakes, and includes a list of phone numbers & websites, including the Red Cross, PG&E, FEMA, several Alameda County agencies and others. The guide is available for download in PDF format at (<https://acphd-web-media.s3-us-west-2.amazonaws.com/media/resource-guides/docs/emergency-preparedness-pocket-guide-eng.pdf>). The guide is also

available in other languages. For Spanish, replace the “eng” at the end of the above URL with “spa”; for Vietnamese, replace it with “vie” and for Hindi, use “hin”. Looks like a good item to emulate in other counties.

\* USS Hornet Tour Reminder

Our local Chapter 228 of the Quarter Century Wireless Association (QCWA) is hosting a docent-led tour of the USS Hornet Museum on Tuesday, July 19 at 10:30 AM. Everyone is welcome, QCWA member or not. But you must RSVP, so they have a headcount. Cost will be approximately \$19.00 per person. This may vary somewhat, depending on the number of people attending. If you’d like to join them, send an email to Harry Styron, K6HS, at K6HS[at]ARRL[dot]net. Just to be clear; the QCWA is not affiliated with the ARRL.

\* San Francisco Marathon

The San Francisco Radio Club is looking for communications staffing for the San Francisco Marathon on July 24. If you’d like to help out, see the following website for details and to register. (<https://www.sfarc.org/2022-sf-marathon.html>).

[Thankx to Mike, KB6MP, for the information.]

\* Division Hamfest Reminders

-- Sacramento Valley Hamfest: Lincoln, CA on Sept. 17. See (<https://wparc.us/>).

-- Pacificon!! San Ramon, CA on Oct. 14-16. See (<https://www.pacificon.org>)

\* Special Events In or Near our Division

-- July 21:

The 70th anniversary of a 7.3 Earthquake in Bakersfield and Tehachapi will be commemorated between 8:00 AM and 7:00 PM, Pacific time. They’ll be on multiple bands. Get details and updates at (<https://www.qrz.com/db/n6aj>)

-- August 4:

US Coast Guard 232nd Birthday will be honored in Port Angeles, WA on 3.552 7.052 14.052 21.052 MHz. Sponsored by the Coast Guard CW Operators Association. See (<https://www.qrz.com/db/k1cg>).

-- August 8-14:

Navajo Code Talkers. 0000Z-0000Z (5:00- 5:00 AM PDT), Event call sign = N7C. In Chinle, AZ. N7HG. Frequencies: 14.265 21.265 7.265 18.133. For certificate & QSL, contact Navajo Code Talkers, P.O. Box 06, Chinle, AZ 86503. n7hgster[AT]gmail[DOT].com.

-- August 13:

Friends of Bodie Day will be held at the Bodie State Historic Park, about 10 crow-fly miles north of Mono Lake. 9:00 AM – 4:00 PM PDT. Frequencies: 7.225 14.275 21.295 28.400. For QSL, contact John F. Pinckney, 1551 Bennington Woods Ct., Reston, VA 20194. Also see (<https://www.monocounty.org/event/friends-of-bodie-day/7171/>).

Search for all Special Event Stations nationwide at (<http://www.arrl.org/special-event-stations>)

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ARRL News:

\* ARRL Club Grants Program

In last month’s newsletter and others, I talked about the ARRL Club Grants Program, with the needed links. The deadline for the first round of applications was June 30<sup>th</sup>. They had 128 applications, and those applications are being evaluated now.

The ARRL held a second webinar on the program on June 9<sup>th</sup>. This one outlined the program’s main categories of projects, along with rules and some issues raised to date; then focused on Q&A. One bit of information provided is that the second round of applications is targeted to kick off in mid-August and will be due sometime in mid-September. So, add this webinar to your list of things to watch as you plan your application. The link is:

(<https://www.youtube.com/watch?v=lusqaaOR0ZU>) [YouTube, 0:39:01]

\* Executive Committee Meeting

The ARRL Executive Committee met on May 9<sup>th</sup>. One of the items was about the Emergency Communications and Field Services Committee, reporting that, due to its extensive project list, four subcommittees were created. One of the items the committee is working on is MOUs, and is in the early stages of addressing a separate MOU format for use in the field by those of us that want an agreement with local served agencies. The minutes of the meeting are available at ([https://www.arrl.org/files/file/ODV/Executive Committee/Executive Committee Minutes - May 2022 - Final.pdf](https://www.arrl.org/files/file/ODV/Executive%20Committee/Executive%20Committee%20Minutes%20-%20May%202022%20-%20Final.pdf)).

\* New Technician Class Question Pool, Exams

As mentioned last month, the question pool for the Technician Class exam expired on June 30. The new pool is now in effect. You can download the new question pool at (<http://www.ncvec.org/page.php?id=373>). The new 5<sup>th</sup> edition of the ARRL Ham Radio License Manual is also now on sale on the ARRL website and other sources. The softcover version is at (<https://home.arrl.org/action/Store/ARRL-Ham-Radio-License-Manual-5th-Edition-Softcover/ProductDetail/2002476141>) while the spiral-bound version is at (<https://home.arrl.org/action/Store/Product-Details/productId/2003373064>).

If you're a VE team leader, you should have received the new Technician Class exam booklets before the end of June. As you know, keep your blue plastic overlay grading templates used to grade the exams. The plastic templates should never be thrown away or destroyed when new exam versions are introduced and shipped. If you haven't received your new exam booklets or have questions, contact the ARRL VEC at ([VEC@arrl.org](mailto:VEC@arrl.org)) or by phone at 800-927-7583.

\* Board of Directors Meeting – July

The ARRL Board of Directors will hold its second meeting of the year on July 15-16, with various committees holding meetings on Thursday, July 14. The agenda is available at ([https://www.arrl.org/files/file/Draft Agenda July 2022.pdf](https://www.arrl.org/files/file/Draft%20Agenda%20July%202022.pdf)). One of the items on the agenda is "Proposals for amendments to Articles of Association and Bylaws".

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Government News:  
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\* FCC Proposes Record Fine Against Ham

The Federal Communications Commission (FCC) has proposed a record \$34,000 fine against Jason Frawley of Lewiston, Idaho, for allegedly interfering with radio operations of the U.S. Forest Service during firefighting activities for the Johnson Creek Fire near Elk River in July 2021. Frawley, WA7CQ, also holds several microwave licenses and a business license. The Notice of Apparent Liability for Forfeiture (NAL) was assessed even though Frawley argued that he was not trying to cause interference but instead was transmitting to provide information to the fire fighters. The NAL, a news release and a statement by the FCC chair is available at (<https://www.fcc.gov/document/fcc-proposes-fine-interrupting-communications-during-wildfire>).

\* FCC to Decommission its Legacy CORES Registration System

A reminder about last month's item that the FCC will retire its legacy CORES system on July 15 and replace it with CORES2. Prior to that date, all hams should set up an account in CORES2 with a unique username and password, then associate it with their FRN. The Public Notice includes instructions and links, and is available at (<https://docs.fcc.gov/public/attachments/DA-22-508A1.docx>) [Docx, 2 pages] or (<https://docs.fcc.gov/public/attachments/DA-22-508A1.pdf>) [PDF, 2 pages]. The main CORES web page is at (<https://www.fcc.gov/licensing-databases/commission-registration-system-fcc>).

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Other News:  
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\* Reverse Beacon Network

The Reverse Beacon Network (RBN) web page (<https://www.reversebeacon.net/>) has been updated. The updated site has many new features, including a new map based on Open StreetMap (<https://www.openstreetmap.org/>). Users can view a complete list of new features at the "Guide to the New RBN Website" (<https://www.reversebeacon.net/pages/Guide+to+the+new+site+%28beta%29+43>), found on the "About" tab of the page.

\* 144 MHz EME Newsletter

Bernd Mischlewski, DF2ZC, publishes the "144 MHz EME NewsLetter" each month. The newsletter is free and available for download at ([www.df2zc.de/newsletter](http://www.df2zc.de/newsletter)).

\* IARU HF World Championship Contest

A reminder that this annual contest will be July 9-10 this year. Its purpose is to support improving amateur operating skills, conducting technical investigations, and intercommunicating with other amateurs around the world, especially IARU member society headquarters stations. The contest will use the 160, 80, 40, 20, 15 and 10-meter bands. Get full rules and other details at (<http://www.arrl.org/iaru-hf-world-championship>).

\* Annual 13 Colonies Special Event

Each year during the week of the Fourth of July, amateur operators in each of the original colonies take to the airwaves on various bands and encourage hams to make contacts, acquire QSL cards, and certificates for contacting all the original colonies as well as bonus stations at Independence Hall and in England. Information on the contest can be found at (<http://www.13colonies.us/>). Read the instructions carefully; points are earned when you contact one of the special event stations in the original colonies. Ordinary contacts with (non-special event) stations do not earn credit for contacts in that state. This year, the dates & times are: July 1 (6:00 AM PDT) to July 7 (9:00 PM PDT).

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Significant Events in Telecomm History – July

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\*\* Note: Send me the date and location your club was founded, so I can add it to this list. \*\*

- 07/01/1911 The Wireless Ship Act of 1910 became effective, the first federal legislation regulating radio communication in the U.S.
- 07/01/1951 The Novice and Technician Class licenses were created by the FCC. The Novice was good for 1-year, non-renewable, low power CW only.
- 07/01/1971 Federal frequency & time signal radio station WWVH began broadcasting from its current location near Kekaha on the Island of Kauai, Hawaii.
- 07/02/1928 W3XK went on the air in Wheaton, Maryland, becoming the first commercially licensed television station in the US.
- 07/04/1838 Edward Davy received a patent for a telegraph system using his mercury dipping electrical relay.
- 07/05/1912 Forty-five Q-codes were formally adopted into international law by the Second International Radiotelegraph Convention in London. The concept of callsign prefixes was also established, giving the U.S. the prefixes KDA-KZZ, N (all), and W (all).
- 07/05/1963 Federal frequency & time signal radio station WWVB was launched near Fort Collins, Colorado, replacing the experimental callsign KK2XEI.
- 7/6/1854 Georg Simon Ohm died in Munich, Kingdom of Bavaria in the German Confederation (present-day Germany) at age 65.
- 7/10/1856 Nikola Tesla was born in Smiljan, Austrian Empire (modern-day Croatia).
- 07/10/1962 Telstar 1 was launched, the first satellite to relay through space television pictures, telephone calls, and telegraph images, and providing the first live transatlantic television feed.
- 07/12/1999 The final commercial Morse code transmission in the U.S. was sent, using Samuel Morse's original 1844 message, "what hath god wrought", and the prosign sk ("end of contact").
- 7/13/1866 The Great Eastern steamed westward toward Heart's Content, Newfoundland, Canada from Valentia, Ireland, laying the first transatlantic cable.
- 07/20/1937 Guglielmo Marconi died in Rome, Kingdom of Italy at age 63.
- 7/27/1866 The first transatlantic cable was completed, with its landing in Heart's Content, Newfoundland, Canada from Valentia, Ireland.
- 07/29/1958 President Dwight Eisenhower signed the National Aeronautics and Space Act, establishing NASA.
- 07/29/1985 The Space Shuttle Challenger launched, carrying the first official Shuttle Amateur Radio Experiment (SAREX) payload.
- July, 1908 Modern Electrics magazine, published by Hugo Gernsback, printed the first "Wireless Registry" list of amateur stations, including self-designated call signs.
- July, 1948 The first of two parts of Claude Shannon's "A Mathematical Theory of Communication" was published in the Bell System Technical Journal, essentially inventing the field of information theory.

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New Hams:

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No report this month, possibly related to the recent IT overhaul at headquarters. Hopefully, it will be fixed in time for my next newsletter.

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New Upgrades:

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No report this month, possibly related to the recent IT overhaul at headquarters. Hopefully, it will be fixed in time for my next newsletter.

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Until next time, remember that the East Bay Section team is here to serve you, the hams of the East Bay. If you have a question or a problem concerning ham radio, don't hesitate to contact us.

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ARRL East Bay Section Manager

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