

**Section Manager**  
**East Bay Section Newsletter**  
**October, 2022**

ARRL East Bay Family,

Congratulations to the Heritage High School Amateur Radio Club, W6HHS, in Brentwood. W6HHS was one of 24 amateur radio clubs nationwide (out of 128 applicants) that received the first ever ARRL Foundation club grants worth a combined total of \$270,000. W6HHS was the only amateur radio club in California to be awarded one of these grants.

Spencer Holmes, KM6SJO and club advisor, says they will install a 9-foot tower on the roof of their classroom, and have a dual band vertical antenna installed. The classroom station is in its infancy, but they expect to build it over the years, and teach students (future hams!) the wide world of amateur radio.

See another item on the ARRL Club Grant program in the ARRL News section below.

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**Section & Division News:**  
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\* Pacificon

Pacificon is almost here! October 14-16. If you haven't registered for Pacificon yet, do so right away. On-line registration closes this Sunday, October 2, 2022. After that, it's in-person only at the event and will cost \$5.00 more. There's been a lot of recent updates and additions to the Pacificon schedule, so look over the website again and plan your weekend. Get all the info and register at (<https://www.pacificon.org>).

\* East Bay SET

October is ARRL Simulated Emergency Test month and the East Bay will be active. Dan Goldstein, KJ6KEU, our Section Emergency Coordinator, tells us about it:

“ARRL's Simulated Emergency Test (SET) runs October 1 - 2, 2022. To accommodate local club and partner schedules, SET can be completed any time during the Fall season. This nationwide exercise provides the chance to test your personal skills and the readiness of your communications equipment and accessories in a simulated emergency-like deployment. Cooperation with partner agencies is strongly encouraged. For the 2022 SET, bonus points will be awarded for cooperation with MARS stations. MARS will be coordinating contacts throughout the month of October. Please email Harry Styron ([hlstyron@gmail.com](mailto:hlstyron@gmail.com)) and Jim Nicastro ([jimmic@gmail.com](mailto:jimmic@gmail.com)) with your location, planned participation date and time, frequencies and tone, and your club or personal WinLink address.

“The ARRL has longstanding relationships with several national organizations including the American Red Cross, the National Weather Service, the Federal Emergency Management Agency, and the Salvation Army (among several others). More information on these and other national served agencies may be found at ([www.arrl.org/served-agencies-and-partners/](http://www.arrl.org/served-agencies-and-partners/)).

“At Pacificon, I will be presenting "EmComm Mutual Aid in a Digital World" on Saturday Oct 15th at 9am. "EmComm Mutual Aid in a Digital World" builds on lessons learned from recent disasters. "Mutual Aid" answers the question, "If my team can't respond, who will help?" It also clarifies which local teams support the Red Cross, Salvation Army, hospitals, schools, tribal governments, critical infrastructure, served agencies, neighborhoods, and others. In addition, it addresses why the digital component (Internet) needs to be considered, and what resources are necessary (WinLink, AREDN, solar generators, etc.). Finally, it points to standardized training that can help us meet the government's need for resource typing to facilitate mutual aid deployments.”

After your exercise, report your activities to the ARRL using the new online forms at (<https://ares.arrl.org/aresSET/>).

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\* Division Hamfest Reminders

-- Redding, CA 2022 Hamfest; Oct. 8. See (<http://www.arrl.org/hamfests/redding-ca-2022-hamfest>)

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

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\* Special Events In or Near our Division

-- October 1:

WWV 103rd Anniversary. 0000Z-2359Z, WW0WWV, Fort Collins, CO. WWV Amateur Radio Club. 14.280. Certificate & QSL. Clean sweep certificates available for stations contacting SES operators in each of the 6 active time zones. Note date change. See ([wwarc.org/103rdAnniversary](http://www.wwarc.org/103rdAnniversary)).

-- October 8:

US Navy Birthday 10/13/1775 Commemoration. 1600Z-2300Z, NI6IW, San Diego, CA. USS Midway (CV-41) Museum. 14.320 7.250 14.070 PSK31 START on various PAPA repeater. QSL. USS Midway Museum COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. ([www.qrz.com/db/ni6iw](http://www.qrz.com/db/ni6iw)).

-- October 14-16:

Pacificon Convention Special Event Station. 24 hours/day from noon Oct. 14 to noon Oct. 16. For details, see (<https://www.pacificon.org/events/special-event-station>).

-- October 20:

Great International ShakeOut. See (<https://www.shakeout.org/>) for details.

-- October 27-31:

Nevada Wing Conference & Change of Command. 0000Z-2359Z, N7N, Las Vegas, NV. Friends of Nevada Wing. 7.200 14.250 146.52; General portion of the bands; SSB and FT8 on HF; VHF on FM.. QSL. Bill Aceves, N6YEL, 23612 Glenmoor Dr., Parker, CO 80138-3112. To receive a QSL card, send your card and a SASE to N6YEL by 31 December 2022.

-- October 29-November 6:

Spruce Goose 75th Anniversary of Flight. 1700Z-2359Z, W6HA/W6HA/7, Torrance, CA. Hughes and McMinnville Amateur Radio Clubs. SSB: 3.833 7.233 14.233 21.333 28.333; CW: 3.533 7.033 14.033 21.033 28.033; 445.620 PL 127.3; 146.52 on 146.550. See ([www.w6ha.org](http://www.w6ha.org)).

-- November 11:

Celebrating Veterans Day 1800Z-2300Z, W6VET, Redding, CA. Redding Veterans Amateur Radio Club. 14.320 21.383 146.550. QSL. Redding Veterans Amateur Radio Club, c/o Michael Vancleemput K6WK, 3400 Knighton Road, Redding, CA 96002. QSL cards appreciated, no SASE required. (<https://www.qrz.com/db/w6vet>).

-- November 12:

Veterans Day (11/11/19) and USMC Birthday (11/10/1775) Commemoration. 1700Z-2359Z, NI6IW, San Diego, CA. USS Midway (CV-41) Museum Ship. 14.320 7.250 14.070 PSK31 DSTAR on PAPA repeaters. QSL. USS Midway Museum COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. ([www.qrz.com/db/ni6iw](http://www.qrz.com/db/ni6iw)).

-- November 19:

November Bug Roundup. Sacramento, CA. Samuel F. Morse Amateur Radio Club. 14.045 MHz. See (<https://w6sfm.com/bug-roundup/>).

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

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## ARRL News:

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### \* ARRL Club Grant Program

As noted in my intro above, the ARRL Club Grant program has completed its first round, awarding \$270,000 to 24 radio clubs nationwide. One of those 24 is right here in our Section, the Heritage High School Amateur Radio Club, W6HHS, in Brentwood. There were 128 applications, asking for a total of about \$1.7 million; over 3 times the amount the ARRL had available to award.

The second round of awards is now open for accepting applications. The deadline is **Friday, November 4, 2022** at 7:00 PM Eastern Time(!!). That's **4:00 PM Pacific Time**. That hour is important. One or more applicants in the first round was eliminated because they didn't read the deadline correctly, thinking it was 7:00 PM in their local time zone.

If your organization applied for a grant but did not succeed, you're encouraged to strengthen your application and try again. If your organization didn't submit an application in the first round, now's the time. You have about a month remaining to get it in. It will take a serious effort and planning, but the effort will be worth it. The first thing you should do is watch the new YouTube presentation discussing what's needed to prepare a successful application. This will be very valuable. A PDF of the slides is also available. If you need help completing the application, mentors will be available. Questions about the program can be sent to ([clubgrants@arrl.org](mailto:clubgrants@arrl.org)).

Presentation: ([https://www.youtube.com/watch?v=ZNvc\\_eeIIwU&ab\\_channel=ARRLHQ](https://www.youtube.com/watch?v=ZNvc_eeIIwU&ab_channel=ARRLHQ)) [YouTube; 01:11:52]

[Note: the actual presentation is 00:29:44. The rest is answering questions.]

Presentation Slides: (<https://bit.ly/3AWAza1>) [PDF, 13 pages]

ARRL Foundation Club Grant Program: (<http://www.arrl.org/club-grant-program>)

### \* Section and Division Email Log

These newsletters, along with any other emails Kristen or I may send you, are sent from an ARRL email distribution system. Now for the first time, you can read the emails from other Divisions and Sections as well. Just go to (<http://www.arrl.org/section-division-email-log>), select the division or section you desire and click "Show Log". That presents a list of all emails sent. Click "View Message" for the one of interest.

### \* ARRL Email Support

Most of you probably know that all ARRL members have available for their use an ARRL email address, usually formatted as [callsign@arrl.net](mailto:callsign@arrl.net). But some have had issues with their address working properly. If you're one of them, there's a new program from the ARRL IT department. Send these issues to the following address: ([websupport@arrl.org](mailto:websupport@arrl.org)). This will generate an internal work ticket and they can then be tracked and addressed.

### \* 100<sup>th</sup> ARRL Handbook Edition

A short (17 second) trailer was posted last week on the ARRL's YouTube channel, announcing the 100<sup>th</sup> edition of the ARRL handbook, to be released in October. Per the trailer's page, "Handbook 100 is by far the most extensively revised and expanded edition in recent years". You can sign-up to be notified when ARRL Handbook 100 can be pre-ordered by going to (<http://www.arrl.org/arrl-handbook-100-pre-order>). See the trailer at:

(<https://www.youtube.com/watch?v=ytQ5pFNGrPU>) [YouTube; 0:0:17]

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## Government News

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### \* FCC Grants Emergency Request to Permit Higher Data Rate Transmissions for Hurricane Relief Communications

The FCC has granted an ARRL emergency request for a 60-day temporary waiver intended to facilitate amateur radio emergency communications for hurricane relief. The waiver was adopted on Tuesday, September 27, 2022, and immediately permitted amateur radio operators supporting amateur data transmission for Hurricane Ian traffic to employ a higher symbol rate for data transmissions than the current limit of 300 baud. See then full ARRL announcement, with a link to the FCC Order, at (<http://www.arrl.org/news/fcc-grants-an-arrl-emergency-request-to-permit-higher-data-rate-transmissions-for-hurricane-relief-c>).

\* FCC to Publish First Ever Detailed Broadband Maps From ISPs

In early September, the FCC announced that “For the first time ever, we have collected extensive location-by-location data on precisely where broadband services are available, and now we are ready to get to work and start developing new and improved broadband maps.” They plan to release these highly detailed cell phone broadband coverage maps next month. Recognizing that this data will change frequently, “We have also built a process in which state, local and Tribal governments, other third parties and, perhaps most importantly, consumers, will be able to give us feedback on the maps and help us continually improve and refine the data we receive from providers.” You can see the full official announcement at (<https://www.fcc.gov/news-events/notes/2022/09/02/another-step-toward-better-broadband-maps>).

**Other News:**  
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\* Hurricane Watch Net

The Hurricane Watch Net is active and operating on 14.325 MHz for Hurricane Ian. Please keep that frequency clear while the East Coast struggles with its recovery. See the following link for information on how they are doing it. (<http://www.arrl.org/news/ham-radio-operators-get-ready-as-hurricane-ian-strengthens>)

\* Ham Radio University – 2023

The 24<sup>th</sup> Ham Radio University will be January 7, 2023. “A day of education to share ideas, experiences, knowledge and fellowship among Amateur Radio operators.” Put it on your calendar now, so you’ll be available for the forums of interest to you. The forum topics are being determined now and registration should open later this year. Videos of prior years’ forums are available from their website. See (<https://hamradiouniversity.org/>).

\* Sudan Joins the IARU

The International Amateur Radio Union (IARU) voted to admit the Sudan Amateur Radio Union (SARU) as its newest member society. Founded on August 6, 2021, SARU has 54 licensed radio amateurs as members. The SARU’s website is ([www.qrz.com/db/st0hq](http://www.qrz.com/db/st0hq)). The IARU is the worldwide federation of national amateur radio organizations. It was formally founded on April 18, 1925 in Paris with Hiram Percy Maxim as its first president. The membership consists of more than 160 member-societies in as many countries and separate territories. The ARRL serves as the “headquarters” of the IARU and is called the International Secretariat. The IARU website is (<https://www.iaru.org/>).

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**Significant Events in Telecomm History – October**  
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\*\* Note: Send me the date and location your club was founded, so I can add it to this list. \*\*

- 10/01/1919 Federal frequency standard radio station WWV was launched in Washington, D.C.
- 10/01/1919 The government ban on civilian radio stations (both transmitters and receivers) during World War I was lifted.
- 10/01/1958 The National Aeronautics and Space Administration (NASA) began operations, with major advancements in radio and television technology as one of its missions.
- 10/02/1947 The North Bay Amateur Radio Association became an ARRL-affiliated club.
- 10/04/1957 Sputnik 1, the first artificial Earth satellite, was launched into space by the Soviet Union.
- 10/08/1921 Radio station KDKA transmitted the first broadcast of a live football game, between West Virginia University and the University of Pittsburgh.
- 10/18/1931 Thomas Alva Edison died in West Orange, New Jersey at age 84.
- 10/20/1960 The 11th General Conference on Weights and Measures concluded, approving the International System of Units ("SI"), redefining the meter and other resolutions.
- 10/21/1911 The Junior Wireless Club was formally renamed the Radio Club of America.
- 10/24/1861 The first transcontinental telegraph line was completed by the Western Union Company between St. Joseph, Missouri, and Sacramento, California.
- 10/26/1906 Lee de Forest filed for a patent on a diode vacuum tube detector, precursor to the three-element "Audion" (triode) vacuum tube, the first practical amplification device.
- 10/29/1969 The first ARPANET message was sent from UCLA to the Stanford Research Institute, launching the Internet revolution.
- 3rd weekend Pacificon!

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## New Hams:

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Note: Due to multiple major issues with upgrades to both the FCC and ARRL database systems, it appears ARRL's reports for hams receiving their new license or upgrade between July 2 and September 6 have been lost. If you wish to have your new license or upgrade acknowledged on this list next month, please let me know.

KN6VJR	Mike Silke	Danville
KN6VMK	Conrad Aquino	Bethel Island (General)
KN6VLU	Marc Cohen	Pleasant Hill
KN6VPB	Juanito Mauricio	Fairfield
KN6VJI	Xiaochun Yang	Fremont
KN6VPA	Jerry Formeloza	Hayward
KN6VPQ	Evelyne Murca	Hayward
KN6VLI	Shantnu Chandel	Castro Valley
KN6VLA	Brian Bustin	Martinez
KN6VLV	Will Stokes	Orinda
KN6VOE	Ludwin Cruz	Pittsburg
KN6VQH	Carol Zhou	Pleasanton
KN6VMM	Emma Benoit	Moraga
KN6VLK	Livia Pinera	Moraga
KN6VHP	Thomas Shoopman	Suisun City
KN6VHQ	Aidan Rouse	Suisun City
KN6VOD	Vladimir Shmalko	Pleasanton
KN6VPT	Ross Levine	Vallejo
KN6VJH	Tyler Gary	Oakland
KN6VPD	Emilio Franchy	Emeryville
KN6VMV	Louis Poinsignon	Oakland
KN6VKP	Anthony Mendoza	Oakland
KN6VKU	Gabriel Cohen	Oakland
KN6VJB	P Clary	Berkeley
KN6VLJ	Shane Engelman	Berkeley

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## New Upgrades:

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KG6ZYK	Toshiaki Yoshino	Fremont	(General)
KN6OJE	Ryan Kaelle	Orinda	(General)
KN6TTB	Aaron Rowden	Richmond	(Extra)
K9CWA	Annegret van Gemeren	Walnut Creek	(Extra)

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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.

Mike Patterson, N6JGA  
ARRL East Bay Section Manager

[N6JGA@ARRL.org](mailto:N6JGA@ARRL.org)

<https://www.arrl.org>

East Bay Section Discord: <https://discord.gg/DNAAfC7hax>

ARRL HQ Help Desk: 888-277-5289 or [hq@arrl.org](mailto:hq@arrl.org)

Index of Contacts at ARRL HQ: <http://www.arrl.org/contact-arrl>

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