ARRL The national association for AMATEUR RADIO

QST OFFICIAL JOURNAL

Section Manager

East Bay Section Newsletter
November, 2026

ARRL East Bay Family,

It was another good year at Pacificon last month. Records are still being reconciled, but we estimate the attendance was about the same as last year, which was around 1,200. And I counted 51 reservations for vendors and non-profits. Vendors seemed satisfied, though not giddy. Some mentioned the difficulties caused by the tariffs and high fuel prices.

New at Pacificon this year was the Pacificon Conference App on both Android and iPhone. Written primarily by our Pacificon Committee Chair, Antonis Papatsaras, AA6PP, and our new Forums Chair Marc Kohli, KR6A, it was a big hit. There were 621 installations of the app, roughly 50% of our attendees. This is incredible, considering that the typical adoption rate for apps is under 20%. We received lots of feedback, with 98% saying they liked/loved it. The authors will be working to make it even better next year.

Excellent Pacificon License Testing News: 9-year-old Alice Miller, AK6WV, successfully passed her Amateur Extra test on Sunday, Oct. 18. I'm sure her father Tony Miller, KM6AM, an Advanced Class ham, couldn't be more proud. Also, Jonah Bron, AW6WW passed all the tests to go from zero to hero (Amateur Extra). Congratulations to both!!

Also, Congratulations to this year's Pacificon Grand Prize winner: Mike Warren, W6MEW; who won a Yaesu FT-710R HF radio.

Mark your calendar now for Pacificon 2027, which will be Friday-Sunday, October 15-17, 2027 at the San Ramon Marriott.

Veteran's Day is next week, Wednesday, November 11. If you're a vet, Thank You! If you know a vet, thank them for keeping our nation safe.

Congratulations and Thank You to the Hayward Auxiliary Communication Team and the Northern Alameda County ARES Club, which became affiliated with the ARRL on November 12, 2025 and November 19, 1984, respectively.

And have a Happy Thanksgiving.

* Question:
How many flip-flops are required to divide a signal frequency by 16?
A. 4
B. 6
C. 8
D. 16

(See the last page for the answer.)

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Section & Division News:

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* BEACON Exercise

Recall that BEACON is a major annual wide-area emergency response exercise that brings together emergency management personnel, operational area partners, and volunteer groups, including hams, and individuals from multiple counties, states, and jurisdictions to strengthen regional auxiliary communication and coordination capabilities.

Registration for the 2027 BEACON Exercise is now live. Next year, the exercise will be on Thursday, April 29, 2027.

The scenario is an 8.8 magnitude earthquake along the San Andreas Fault, with building collapse, infrastructure damage, and fires. Communicators will be tasked to engage other volunteers to give situation reports; provide radio assistance to shelters, schools, and hospitals; set up public information posts at police and fire stations, libraries, and other public places; help coordinate resources within neighborhoods; ensure messages get delivered to their intended recipients; and communicate resource requests through official channels. In addition to the exercise date, check out the Calendar at the below website for the dates of planning meetings, training and reviews. Register for BEACON 2027 at (https://forms.gle/QSrkYH5WTwbrYhEk9). The BEACON website itself is at (https://www.beaconexercise.org/).
[BEACON = Building Emergency Area Communications, Operations, and Networks]

* Benicia Ham Class Results
The Benicia club held its latest one-day ham class on Saturday, October 3. They had 16 volunteers on hand to help a total of 24 applicants. 19 of those took the Technician course and 3 took the General course. 18 Technician students passed the test, 1 of them with a perfect score; for a pass rate of 94.7%. One of the General student passed, for a pass rate of 33.3%. The students came from 7 counties, some as far away as Santa Clara County. Great efforts, Benicia. Thankx!
[And thankx to Bob, W6RBF, for the info.]

* Next Benicia Ham Class
The next Benicia ARC one-day ham class will be on Saturday, February 6, 2027. Registration will open in December. It will be from 8:30 am to 5:00 pm with a one-hour lunch break, at the Benicia Senior Center, 1205 East 2nd Street. The class offers training for both the Technician and General Class licenses. The fee is $35.00, which includes the exam fee. For details, see (https://beniciaarc.com/hamclass/).

* Fresno ARC Swap Meet
The Fresno ARC will hold a major swap meet on Saturday, Nov. 14, 8:00 AM to 1:00 PM. Three large estates will be among the gear to be sold. Lunch will be available at noon. TX hunt will be at 10:00 A.M. on 146.565 MHz. Bring a hand held or small beam. The location is Lion Automotive, 2944 Phillip Avenue, Clovis, CA. Directions: From Clovis Ave. turn East onto Gettysburg Ave. and travel for 2 blocks, turn South on Phillip Ave., proceed to Lion Automotive building and Parking Lot. Walk through the open gate to the Swap Meet, which will be held in the fenced yard attached to the building.

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ARRL News:

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* ARRL Foundation Opens Applications for 2027 Scholarship Program
The ARRL Foundation is now accepting applications for its 2027 Scholarship Program, offering students an opportunity to secure financial support for their educational goals. More than 150 scholarships, ranging from $500 to $25,000, will be available to eligible students pursuing higher education. Applications must be submitted online by 12 PM EST on December 21, 2026. All applicants must be licensed amateur radio operators pursuing higher education. In 2026, the ARRL Foundation awarded 163 scholarships totaling $813,000, helping students take the next step toward their educational and career goals. Students are encouraged to explore the available opportunities and apply. Learn more and access the online application at (https://www.arrl.org/scholarship-program).

* Teachers Institute Application Window the 2027 Season Opening This Month
The Teachers Institute on Wireless Technology is a donor-funded professional development program designed to help classroom teachers elevate their STEM programs through the use of wireless technology. Several sessions are conducted each year. The Institute is filled with lectures, hands-on activities, and demonstrations to inspire teachers so they can inspire their students through the use of tools and strategies to introduce basic electronics, radio science, satellite communications, weather science, and more to their students. For details and to register, go to (https://www.arrl.org/teachers-institute-on-wireless-technology).

* Learning CW — From Zero to Your First QSO
Interested in learning Morse code but not sure where to start? Join ARRL Director of Education and Learning Wayne Greene, KB4DSF, for the November edition of On the Air Live as he explores practical ways to learn CW and put your new skills to work on the air. Wayne will discuss proven learning methods, free training resources, common mistakes to avoid, and how to build an effective practice routine. Whether you're completely new to CW or have tried learning before, this episode will help you take the next step toward your first CW contact. The livestream will air on Tuesday, November

24th at 8 PM Eastern at the ARRL Learning Center, (https://learn.arrl.org/).

* 102nd ARRL Handbook is Now Available
First published in 1926, "The ARRL Handbook" has helped generations of radio amateurs turn curiosity into knowledge, ideas into circuits, and experiments into new discoveries. Over the past century, it has evolved alongside radio technology, reflecting new developments and inspiring hands-on learning and experimentation. Now shipping, the 102nd edition is available in a six-volume set, a softcover edition, and a digital edition. The print editions include the digital edition and more than 350 supplemental files, including articles, projects, software, PC board templates, and support files. Print editions are $69.95, while the digital edition is $49.95. Get it at (https://home.arrl.org/action/Store/Product-Details/productId/2113022743). You can also find a local dealer at (https://www.arrl.org/arrl-publication-dealers), or call 888-277-5289 toll-free, Monday through Thursday, 5 AM to 4 PM, and Friday, 5 AM to 2 PM Pacific Time.

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Government News

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* Pass the Bill Initiative Update
Last year the ARRL launched the Pass the Bill initiative, a grassroots effort to pass the Amateur Radio Emergency Preparedness Act (H.R. 1094 in the U.S. House and S. 459 in the U.S. Senate). This bill would eliminate private land use restrictions that prohibit hams from erecting antennas on the property they own. So far, over 161,000 letters have been sent by not only U.S. Hams, but even by non-hams and GMRS licensees who believe the elimination of restrictions on the right of Americans to communicate as they chose is important.

At present, the Amateur Radio Emergency Preparedness Act is still in committee (the House Committee on Energy and Commerce and the Senate Committee on Commerce, Science, and Transportation). In order to be voted on and passed in this Congress, the bill would have to be approved by these two committees. If you have already sent a letter to your Congressional representatives, thank you! If you have not, please use the links located at (https://www.arrl.org/current-legislation) to send your letters today.! Call your Congressman and Senator and ask them to support passage of the Amateur Radio Emergency Preparedness Act (H.R. 1094 in the U.S. House and S. 459 in the U.S. Senate). If they are not a co-sponsor, ask them to join those who are.

* New FCC Rules for Sales of Electronics Online
The FCC issued a Report and Order in July that makes clear that online marketplaces share in the legal responsibility to assure that unauthorized RF devices are not offered for sale on their platforms. The rules took effect on October 13. Equipment subject to FCC authorization must have its FCC ID number submitted to the marketplace and posted with its listing. There are some exemptions.

eBay has released a statement stating that unless the IDs are displayed, those listings will be blocked from being seen by US customers. eBay assured the ARRL that the online sales platform will not require the display of FCC IDs with listings for ham radio equipment which is capable of operating only on the authorized amateur radio frequencies. eBay told the ARRL, however, that FCC equipment certification would be needed for any two-way VHF/UHF radios capable of operating outside of amateur bands.

The ARRL article is at (https://www.arrl.org/news/ebay-restricts-listings-of-radio-equipment-but-exempts-ham-band-only-gear). eBay's statement is at (https://www.ebay.com/sellercenter/resources/fcc-id). The FCC Report and Order is at (https://www.fcc.gov/document/fcc-adopts-rules-strengthen-rules-governing-dangerous-gear-0).

* International ShakeOut Day
I hope you were able to participate in the annual International ShakeOut Day on Thursday, October 15. According to the report in the ARES Letter for October 21, the USGS event portal had received over 670 direct "Did You Feel It?" (DYFI) reports originated by amateur radio operators. More than 610 individual participants mobilized across 43 US states and 11 countries, routing well over 1,100 digital DYFI, Preparedness Survey, and Quiz messages via Winlink Express Telnet, Packet, PACTOR, and VARA protocols. "Beyond raw volume, the exercise provided valuable data-hygiene insights, highlighting key areas like geocoding consistency between street addresses and coordinate pairs that will inform future template refinements and operator training." Detailed map dashboards, participation breakdowns, and exercise resources remain available at (https://www.emcomm-training.org/Winlink_Thursdays.html) and (https://www.laxnortheast.org/exercises/shakeout).

* Payment Labyrinth' Called Obstacle to License Renewals

Rob Rosenberger, K4HST, calls it the FCC's "payment labyrinth" -- and he believes it is responsible for the failed attempts by 1 in 18 hams to complete their payment of the $35 license-renewal fee. He came to his conclusions after analyzing the FCC's downloadable, publicly accessible two-year archive starting in 2024.

Rob, who is a retired systems analyst, said that his study shows that some hams have actually had repeated failures to make their payments - some as many as seven times. He said, however, "nine out of ten folks who stumbled into the labyrinth decided not to map it out a second time." In the period he analyzed, he said, 3,901 hams successfully renewed their callsign each month -- but another 783 simply did not bother trying again and were lost to attrition.

Rob said the numbers point out the need for clubs and others, such as the ARRL, to focus on the hams who fail the payment process in the ULS system before they lose their callsign after the FCC's two-year grace period. He said the solution begins at the local level - and ham radio clubs can reduce the failure-to-pay rate through outreach to those who may need assistance. His study has enabled him to produce free downloadable PDFs that list all operators, sorted by city and state, who are within three months of losing their callsign. The URL for the download is (https://w4zbb.org/resources/) [scroll down to the bullet “Latest book with call signs reaching the end of grace period”.] [from Amateur Radio Newsline Report 2556 for Friday, October 23rd, 2026]

See Rob’s full report at (https://twiar.net/2026/10/26/via-amateur-radio-daily-1-out-of-18-hams-fail-to-renew-at-the-payment-point/) or (https://daily.hamweekly.com/2026/10/1-out-of-18-hams-fail-to-renew-at-the-payment-point/).

* Nationwide Emergency Alert System Test Reminder

FEMA and the FCC are coordinating to conduct a nationwide test of the Emergency Alert System (EAS) at approximately 2:20 p.m. Eastern Time (11:20 AM Pacific), Tuesday, November 17, 2026. Federal law requires this test at least every 3 years. The test will use the Integrated Public Alert and Warning System (IPAWS) (essentially television and radio broadcast stations). It will not include the Wireless Emergency Alerts (WEA) system, which sends emergency messages to cell phones.

No action is required by the public. However, members of the public in a position to observe test results can provide useful feedback on the test by reporting their observations to the Public Safety Support Center at (https://www.fcc.gov/general/public-safety-support-center).

See the FEMA announcements at (https://www.fema.gov/emergency-managers/practitioners/integrated-public-alert-warning-system/national-test-2026) and (https://www.fema.gov/press-release/20260916/fema-and-fcc-schedule-2026-nationwide-test-emergency-alert-system-november). The FCC Public Notice is at (https://www.fcc.gov/document/pshsb-announces-nationwide-eas-test-november-17-2026). Information on WEA is at (https://www.fema.gov/emergency-managers/practitioners/integrated-public-alert-warning-system/public/wireless-emergency-alerts). Information on IPAWS is at (https://www.fema.gov/emergency-managers/practitioners/integrated-public-alert-warning-system/public/wireless-emergency-alerts).
[FEMA = Federal Emergency Management Agency]

* Skywarn Recognition Day

The annual Skywarn Recognition Day is Saturday, December 5. The day was developed by the NWS and the ARRL to celebrate the contributions that Skywarn™ volunteers make to the NWS mission, the protection of life and property. If you’re not an NWS spotter, but are interested in becoming one, go to (https://www.weather.gov/mtr/spotter) and read the material there. Also, the section near the bottom of this page called “Training Brochures” includes a link to a page for online training to become a spotter.
[NWS = National Weather Service.]

* Goodbye, Leap Second

For more than 50 years, international timekeepers have occasionally added an extra second to the world's clocks, to keep our human time within 0.9 seconds of the Earth's rotation time, which is less precise and somewhat variable. On October 15, the General Conference on Weights and Measures (CGPM), meeting in Paris, adopted a resolution to move Coordinated Universal Time (UTC) to a continuous time scale. This means the current practice of inserting leap seconds to keep atomic time closely aligned with the Earth's rotation will be discontinued. The change takes effect on May 20, 2027. This matters to us because the world’s increasing dependence on complex computer networks requires very precise timing. That includes a number of ham radio technologies, such as FT8, software defined radio and digital signal processing systems, and several others. To get the full story, including why they’re doing it and what the world’s timekeepers are going to do instead, see this story from the Wireless Institute of Australia: (https://www.wia.org.au/newsevents/news/2026/20261027-1/index.php).

* NASA Selects New Citizen Science Proposals, One of Them About Ham Radio

NASA's Science Mission Directorate has selected nineteen proposals from research teams in 2026 that will result in new opportunities for citizens to do NASA science. One of them is entitled "Discovering the SPARC: Space Physics through Amateur Radio Communications". Per the page announcing the proposals, "Since 2017 amateur radio operators have worked together in the Ham Radio Science Citizen Investigation (HamSCI) community to study Earth's ionosphere through carefully designed and conducted investigations of how their signals bounce off this high, ionized layer of Earth's atmosphere. This project will bring hands-on space weather science to communities nationwide through amateur radio equipment and enroll high schools in a national research network." See descriptions of all the projects at (https://science.nasa.gov/get-involved/citizen-science/nasa-selects-19-new-citizen-science-proposals-in-2026/). The University of Scranton will spearhead the study. See their article at (https://news.scranton.edu/articles/2026/10/news-nasa-grant-sciact.shtml).

As part of the project, ARRL will receive grant funding to develop and deliver a new Teachers Institute program on space weather, providing high school STEM educators with hands-on professional development in solar activity, Earth's magnetosphere, the ionosphere, and the effects of space weather on radio communications.

* A Short Tour of WWV

Most of you likely know about WWV, a radio station in Colorado run by the National Institute of Standards and Technology (NIST), where cesium atomic clocks keep time with extraordinary precision, broadcasting time signals that help people and technologies around the country stay in sync. This short video tour takes us inside the station to explore how time goes from inside atomic clocks to across the airwaves. See it at (https://www.youtube.com/shorts/XWaMJUfXc1M) [YouTube, 00:02:40]. The WWV web page is at (https://www.nist.gov/pml/time-and-frequency-division/time-distribution/radio-station-wwv).

One way to get the time from WWV is to call (303) 499-7111, which receives about 1,000 calls per day. But you can also pick up the broadcast on several radio frequencies. The station radiates 10,000 watts on 5 MHz, 10 MHz, and 15 MHz; and 2,500 watts on 2.5 MHz and 20 MHz.

* HamSCI Test Signal on WWV

The web page for WWV has the following notice at the top: "Since November 15, 2021, WWV and WWVH has been broadcasting a test signal on minute 8 of each hour on WWV, and minute 48 on WWVH. This signal has been created to assist in ionospheric research, and is a joint effort of the Ham Radio Citizen Science Investigation (HamSCI) and NIST. The signal consists of various tones, chirps, and Gaussian noise bursts. The signal may be modified occasionally. For more information on HamSCI and the WWV/WWVH project," go to (https://www.nist.gov/pml/time-and-frequency-division/time-services/wwvwwvh-scientific-modulation-working-group).

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Other News:

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* New App for Accurate, Trusted Emergency Information

CalFire and numerous other agencies have recently released a new app to provide authoritative emergency information directly from the source in near real-time. Called AwareCA, its main purpose is to keep us informed about major fires, but it can also provide information on natural disasters, hazard and medical incidents, and other public safety issues. This includes such things as warning and order evacuation zones, shelter and assistance locations, and road closures. See a Contra Costa Herald story on it at (https://contracostaherald.com/awareca-app-provides-public-first-responders-new-tool-for-timely-accurate-trusted-wildfire-incident-info/). The CalFire web page for AwareCA is at (https://www.intterra.io/blog/cal-fire-selects-intterra-awareca). You can download the app from the Google Play Store, the Apple App Store or from (https://aware.ca.gov/).

* Ham Bootcamp

The Nashua Area Radio Society, an ARRL Affiliated Club, will be holding its next online Ham Bootcamp on Saturday November 14th from 10 AM to 6 PM Eastern time (7:00 AM – 3:00 PM Pacific). Ham Bootcamp is an online, interactive program to help new, inactive, and prospective hams learn the skills that they need to get on the air. The morning sessions are all about VHF and the afternoon sessions focus on HF. There is no fee to attend Ham Bootcamp. Advance registration is requested. Go to (https://www.n1fd.org/register-ham-bootcamp/). Questions may be emailed to (bootcamp@n1fd.org).

* Special Event Celebrates Efforts of Animal Shelters, Rescuers
The Dog Day Radio Amateur Radio Club KØDOG, is on the air from the 1st through to the 7th of November. Operators will be calling CQ for one week in recognition of the selfless work of the volunteers, rescuers, veterinarians, shelter staffers and other supporters of animals in need of loving and responsible homes. The event coincides with National Animal Shelter Appreciation Week created by the Humane Society of the US.

Listen on the HF bands, where they will be using CQ and SSB. Share your own stories as adopters, foster caregivers and rescue workers. QSL cards are available for all confirmed contacts and SWLs who send an SASE.

Don't forget that your QSO with KØDOG is just the beginning: there are many ways to continue helping shelters and rescue workers do their best work. Visit KØDOG on QRZ.com at (https://www.qrz.com/db/K0DOG) and learn how you can donate your professional services, funds, clean towels and sheets or some toys and food.
[from Amateur Radio Daily (https://daily.hamweekly.com/)]

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Hamfests And Special Events:

* 11/11/2026
100th Anniversary of Route 66. 1700Z-2100Z, WE7GV, Sahuarita, AZ. Green Valley Amateur Radio Club. 14.242 14.246 14.248. Certificate & QSL. Tom Lang K7VOA, 1085 W EL TORO RD, , Sahuarita, AZ 85629. (https://www.gvarc.us/)

* 11/21-23/2026
W6SFM On-Air Bug Roundup. 0000Z-0000Z, W6SFM, Sacramento, CA. Samuel F. Morse Amateur Radio Club. 3.533 7.033 14.033 21.033. QSL. W6SFM c/o John Geyer, 4901 Minnesota Avenue, Fair Oaks, CA 95628. (https://w6sfm.org/bug-roundup).

* 03/12-14/2027
International DX Convention 2027. Location: Visalia, CA. Sponsor: Northern California DX Club. Website: (http://dxconvention.com).

* 03/13/2027
Honolulu HamFest. Honolulu, HI. Sponsor: Emergency Amateur Radio Club of Hawai`i. Website: (http://linktr.ee/earc_hi).

Search for all hamfests at (https://www.arrl.org/hamfests-and-conventions-calendar)
Search for all Special Event Stations at (https://www.arrl.org/special-event-stations)
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Significant Events in Telecomm History – November

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

11/02/1920	Radio station KDKA in Pittsburgh, PA broadcast the Harding-Cox presidential election results, becoming the first commercially-licensed radio broadcast station. But college station 2ADD (now WRUC) beat it on the air by almost 3 weeks.
11/03/1906	The first international standards for ship-to-shore communication, including the distress call which came to be called "SOS", was signed into international law at the first International Radiotelegraph Convention in Berlin.
11/05/1879	James Clerk Maxwell died in Cambridge, England, United Kingdom at age 48.
11/07/1967	President Lyndon B. Johnson signed the Public Broadcasting Act, creating the Corporation for Public Broadcasting.
11/08/1895	Wilhelm Conrad Röntgen, a German mechanical engineer and physicist, produced and detected electromagnetic radiation in a wavelength range known as X-rays or Röntgen rays.
11/08/1988	The first amateur radio contact aboard the Russian space station Mir occurred, between Leonid Labutin, UA3CR and Musa Manarov, U2MIR.
11/09/1914	Hedy Lamarr, major movie star and co-inventor of the spread spectrum frequency hopping technology, was born in Vienna, Austria-Hungary.

11/12/2025 The Hayward Auxiliary Communication Team became affiliated with the ARRL.

11/14/2023 In a test of long-distance, high-bandwidth communications, a laser beam was transmitted to Earth from NASA's Deep Space Optical Communications satellite, some 10 million miles away. That's 40 times farther than our Moon and is like using a laser pointer to track a moving dime from a mile away.

11/15/1926 The first broadcast of the National Broadcasting Company was heard. NBC is the first and oldest major broadcast network in the United States.

11/16/1974 The first message sent intentionally to interstellar space was transmitted from the Arecibo Observatory in Puerto Rico. It was sent to the globular cluster Messier 13 and carried basic information about humanity and Earth. It was meant as a demonstration of human technological achievement, rather than a real attempt to enter into a conversation with extraterrestrials.

11/16/2018 A convocation of delegates representing 60 countries voted to implement the most significant change to the International System of Units (the Metric System) in more than 130 years. The convocation redefined the kilogram and three additional basic SI units: electric current (ampere), temperature (kelvin) and amount of substance (mole). For the first time, all measurement units are defined by natural phenomena rather than by physical artifacts. The new definitions became effective on May 20, 2019.

11/18/1963 AT&T commenced the first subscriber Touch-Tone service in the towns of Carnegie and Greensburg, Pennsylvania, using push-button telephones that replaced rotary dial instruments.

11/18/1997 The Institute of Electrical and Electronics Engineers (IEEE) standard "IEEE 802.11-1997; IEEE Standard for Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications" was published. The 802.11 series of standards came to be popularly known as Wi-Fi.

11/19/1984 The Northern Alameda County ARES club became affiliated with the ARRL.

11/20/1919 The Radio Corporation of America (RCA) was formed as a radio communications subsidiary of General Electric, reorganized from the Marconi Wireless Telegraph Company of America.

11/20/1985 Windows 1.0, the first major release of Microsoft Windows, was released in the United States by Microsoft.

11/22/1948 Federal frequency & time signal radio station WWVH was launched in Kihei on the island of Maui, then the territory of Hawaii.

11/23/1993 The FCC specified a stereo standard for AM radio.

11/24/1890 Edouard Branly discovered radioconduction, observing that an electromagnetic wave changes the ability of metal filings to conduct electricity, leading to the first practical wireless signal receivers.

11/26/1844 Only six months after the first commercial telegraph line in the U.S. was opened, the first "online" game of chess was played, between the Washington (D.C.) Chess Club and the Baltimore Chess Club. The clubs transmitted their moves over the new telegraph line.

11/28/1660 The first meeting of the "Invisible College" followed a lecture at Gresham College by Christopher Wren. Upon receiving royal approval, from 1663 the group became known as "The Royal Society of London for Improving Natural Knowledge"; the world's oldest academy of science.

11/28/1983 The first amateur radio to go into space, a handheld, was carried aboard the Space Shuttle Columbia by astronaut Owen Garriott, W5LFL.

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New Hams:

October, 2026 Report

KO6PFL	Karen Vincent	Danville (General)
KO6PAP	Qikai Gao	Fremont
KO6PDS	Ian Mahaffey	Livermore
KO6PEN	Evan Li	San Ramon
KO6PBY	Wonhee Park	Pleasanton
KO6PCO	Kenneth McGrath	Oakland
KO6PAY	Imogen Eddington	Oakland
KO6PFA	Matthew Giudice	Oakland
KO6PGM	James Higgins	Berkeley

Upgraded Hams:

October, 2026 Report

KO6NYG	Jamison Gleisner	Alamo (General)

KO6OZL	Arne Simonsen	Antioch (General)
KO6LDI	Thomas Brown	Livermore (General)
KO6NUO	James Farr	Dublin (Extra)
KO6ORY	Caleb Canada	Piedmont (General)

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Question & Answer:
How many flip-flops are required to divide a signal frequency by 16?
A. 4

[Extra Class question pool (2024-2028) no. E7A04 (https://www.ncvec.org/index.php/2024-2028-extra-class-question-pool-release)]

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If you'd like a better-looking PDF version of this newsletter, or want to refer to previous editions, they're all available on the East Bay Section website at (https://arrleb.org/index.php/files/get_dir/Newsletter).

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

Email: n6jga@arrl.org
Website: https://www.arrleb.org
East Bay Section Discord: https://discord.gg/DNAAfC7hax
ARRL HQ Help Desk: 888-277-5289 or hq@arrl.org
Index of Contacts at ARRL HQ: http://www.arrl.org/contact-arrl
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