

Section Manager
East Bay Section Newsletter
December, 2025

ARRL East Bay Family,

2026 will be a big and busy year in the ham world, especially at the ARRL. It will be the Year of The Club, as well as the 100th Anniversary of the ARRL Field Organization. See the ARRL News section below for details on some of the many activities planned for the year, including a year-long Worked All States (WAS-250) operating event to recognize the 250th Anniversary (Semi-quincentennial) of the US Constitution; and WIAW/Portable operations on two separate weeks in each of all 50 States & activated territories. Last month, I talked about two Year of the Club Contests, one for club websites and one for club newsletters. Also coming next year is a new Find-A-Club web page, now better designed and with a map. And we have the MARCONI Program, developed by the Meriden Amateur Radio Club, designed to assist clubs to become more active and engaged with their members and their local community. See (<https://www.arrl.org/marconi-program>). And that's just a start. More will be coming throughout the year. Oh yeah; in and February in Santa Clara, there's something called the 60th annual Superbowl, whatever that is...

A special Congratulations and Thank You to the Hayward Auxiliary Communication Team for becoming our newest ARRL affiliated club, effective November 12, 2025.

Congratulations and Thank You to the USS Red Oak Victory Amateur Radio Club and the Contra Costa Communications Club, which became affiliated with the ARRL on December 4, 1999 and December 5, 1987, respectively.

Thank you very much for another year of your membership. We're looking forward to better things ahead. Have a Merry Christmas, Happy Hanukkah, Joyful Kwanzaa, Pleasant Boxing Day, Delightful Dewey Decimal System Day, Sublime Saint Lucia's Day, Amusing Saint Stephen's Day, Beautiful Bacon Day, Wonderful Winter Solstice, Merry Monkey Day, drunken New Years; or whatever else gets you warmed up and ready for the long winter.

[Don't see your favorite December holiday here? See (<https://www.today.com/life/holidays/december-holidays-and-observances-rcna43152>), Caution- It's a loong list.]

*** Question:**

When is it permissible to transmit messages encoded to obscure their meaning?

- A. Only during contests
- B. Only when transmitting certain approved digital codes
- C. Only when transmitting control commands to space stations or radio control craft
- D. Never

(See the last page for the answer.)

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Section & Division News:

*** Pacific Division Election Results**

Pacific Division Director John Litz, NZ6Q of Stockton, California, was reelected to a new 3-year term, receiving 1,270 votes, defeating Bob Vallio, W6RGG, who received 960 votes. The results of elections in other Divisions were also announced. See the full report at (<https://www.arrl.org/news/2025-arrl-board-of-directors-election-results>).

*** Pacific Division Town Hall Meeting Reminder**

Pacific Division Director, John Litz, NZ6Q, has scheduled a townhall meeting for all ARRL members in the Division on Sunday, December 14, 2025 at 7:00 PM. John scheduled it to discuss questions, suggestions and actions for consideration

at the January ARRL Board Meeting. If you're an ARRL member in this Division and did not get the email from "ARRL Members Only Web site", let me know and I'll send you a copy. The email has the Zoom link for joining the meeting.

*** New Contra Costa District Emergency Coordinator**

The ARRL East Bay Section has a new District Emergency Coordinator (DEC) for Contra Costa County. Jim Marchetti, KD7G, has assumed the position from retiring Don Simon, NI6A. Those in Contra Costa with EmComm questions, or interested in helping Jim out, can contact him at (james@jamesmarchetti.com). Congratulations and Thank you, Jim!

*** Pacificon Photos**

The Mt. Diablo Club's extraordinary Pacificon photographers, Pete Harris, KE6ZIW, and Barry Isseks, K6ZA, have finished preparing the hundreds of photos they took at Pacificon 2025. The resulting Pacificon 2025 Photo album is available at (<https://www.flickr.com/photos/11636522@N06/albums/72177720330064359>). Thank you, Pete! Thank you, Barry!

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ARRL News:

*** ARRL Annual Report-2024**

ARRL has published its 2024 Annual Report. Included is a summary of the July 2024 decision made by the ARRL Board of Directors to approve a strategic direction, adding "Inspiring and Educating Youth" as a third advocacy priority, alongside ARRL's longstanding commitments to Promoting and Protecting Amateur Radio. Also included is ARRL's Report to America, which recognizes the contributions of radio amateurs, particularly those involved with the Amateur Radio Emergency Service® (ARES®), in supporting emergency response efforts during various natural disasters. The report concludes with copies of the 2024 and 2023 financial statements and an independent auditor's report. You can get it at (<https://www.arrl.org/annual-reports>) [PDF, 68 pages].

*** New 2-Day Technician Course**

The ARRL has introduced a new, fully-interactive two-day online course for ham radio licensing. The ARRL Technician Class LIVE Video Course includes everything needed to prepare for the FCC Technician Class amateur radio license exam. Enrollment is open now for the inaugural course, which will take place December 20-21, 2025. Education Specialist Wayne Greene, KB4DSF will guide students through operating their first ham radio to how to communicate through amateur radio satellites; and will get fully immersed in every question and answer with the info needed to pass the test. In addition, students will receive Gordon West's Technician Class prep book and one-year of ARRL Membership. The special introductory price for all this is only \$99.00. Complete the paid enrollment at (<https://home.arrl.org/action/Store/Product-Details/productId/2029838874>). Registrants will receive a follow-up email with instructions for registering for the live video course after completing their order. If you have any questions regarding the course, please contact the ARRL Education and Learning Department at 860-594-0285 or email (ead@arrl.org).

*** JS8 for Emergency Communications**

ARRL Education Specialist Wayne Greene, KB4DSF, will lead another session in this recent series introducing various methods and modes for emergency communications. During this session, he'll discuss the digital mode JS8 and how it can be used to send messages to family and friends — even to those who are not hams — outside of a disaster area. The session will be held on Tuesday, December 23, 2025, at 8 PM Eastern (5:00 Pacific). Registration is required via the ARRL Learning Center. Registration Link: (<https://learn.arrl.org/events>) [Thankx to Don, NI6A, for the information.]

*** W1AW/Portable Operations in 2026**

Similar to the year-long 2023 Volunteers On The Air (VOTA) activity, the League will host W1AW/Portable State Activations in 2026. All 50 States & Activated Territories will have two one-week periods over the year to host the W1AW/Portable callsign. The League is asking for a representative from each state to coordinate efforts with them. That person will be the liaison between the Section/State activators and HQ. That person will upload the activation ADIF log files to the ARRL designated log file upload tool at the end of each week's activations. If you would like to help with this effort, please let me know.

*** New Worked All States WAS-250 Award**

To recognize the 250th Anniversary (Semi-quincentennial) of the US Constitution, the League is launching a new Worked All States WAS-250 Award for 2026. The Award requires Working All States between 0000 UTC January 1, 2026 and

2359 UTC December 31, 2026. Participating LoTW users seeking the WAS-250 Award must complete their uploads by January 31, 2027. In addition, there will be endorsements for working all states by contacting W1AW/Portable Stations; for contacting an Affiliated Club Station call sign in each of the 50 States; and for contacting all states via Satellite, or on CW or Phone or Digital, or on every US Band (except 60 Meters) – yes, WARC Bands will be permitted as this is an Award activity – not a contest (there will be no scores in this event).
[LoTW = Logbook of the World. WARC = World Administrative Radio Conference]

*** QST Wants Technical Manuscripts**

The League has issued a call for technical manuscripts focused on Field Day and Emergency Communications operations. They're looking for educational how-to pieces that help fellow hams improve their setups, strategies, and technical know-how. The manuscripts should be 1,000-1,800 words and have innovative or proven techniques, technical solutions, new technologies and/or similar features. The manuscripts should have a strong “how-to” component. If chosen, your article will be published in QST. The deadline for submission is January 31, 2026. Send your submission to (qst@arrl.org). For full details see (https://files.arrleeb.org/ARRL_Call_For_Technical_Papers_2026.pdf).

*** Submit a Club Photo to QST**

QST magazine will feature club photos in every 2026 issue, as just one way of honoring various clubs. If your club wants a shot at being highlighted in the pages of QST, visit (<https://www.arrl.org/year-of-the-club>) for details on how to take photos for publication in QST.

*** Greeting New Club Members**

As part of the League's Year of the Club program, the ARRL would like to know just how your club greets and deals with new members and especially new hams. Please take a few minutes and fill out the survey at Club Spotlight on New Members. Your answers may be featured in future publications. See the survey at (<https://arrl.informz.net/z/cjUucD9taT0zNDkxNDk0JnA9MSZlPTUzODgzMTUyMiZsaT00MDU5MjgxMA/index.html>)

*** ARRL Field Services Management Change**

Field Services is the group in ARRL that all Sections fall under, and the place I go when I need assistance from headquarters. Recently, Mike Walters, the Manager of Field Services, submitted his resignation for personal reasons. Mike has been the manager for over four years and will be missed. After discussions among the Board president, CEO and two directors, it was decided that Field Services will be combined with EmComm to form the Emergency Communications & Field Services department, headed by current EmComm manager Josh Johnston.

*** ARRL Foundation Reminder**

The ARRL Foundation is accepting scholarship applications for the year 2026. Applications will be accepted through December 30, 2025, at 12 PM EST (9:00 AM Pacific). Students are encouraged to apply for any of the than 170 scholarships ranging from \$500 to \$25,000. All applicants must be active, FCC-licensed amateur radio operators. The scholarships are managed by the ARRL Foundation, but funded by generous donors, such as clubs and individuals, to inspire youth to explore amateur radio and to pursue higher education and related career paths -- and especially in wireless communications. For details and to apply, see (<https://www.arrl.org/scholarship-program>).

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Government News

*** FCC Filing Deadline Extended; Filing Issues Continue**

The FCC has extended the filing deadline to March 5, 2026 for amateur radio licenses that otherwise were due to expire from October 1, 2025, to March 5, 2026. Unfortunately, several FCC systems, including the Electronic Batch Filing (EBF) system, are still having problems and work only intermittently. The EBF system is used by all VEC organizations to file exam sessions, individual applications, and club license applications. Although the ARRL VEC has processed most of the backlog of 2,500+ license applications, issues remain. See the ARRL's full article at (<http://www.arrl.org/news/view/arrl-vec-ready-to-file-2-500-ham-radio-license-applications-fcc-extends-renewal-filing-deadline>). The FCC's Public Notice is at (<https://www.fcc.gov/document/fcc-announces-revised-filing-deadlines>) [Txt, PDF, 5 pages]. An FCC alert detailing the ongoing website issues is available at (<https://www.fcc.gov/wireless/uls-asr-tens-experiencing-significant-performance-degradation>).

{VEC = Volunteer Examiner Coordinator}

* SKYWARN Recognition Day 2025 Cancelled

SKYWARN Recognition Day is usually held on the first Saturday of December each year. It would have been this Saturday, December 6, but the National Weather Service announced that it's been cancelled this year. "The necessary time and resources required to plan a comprehensive national event for SKYWARN™ Recognition Day 2025 are not available this year." For the full announcement, go to (https://www.weather.gov/media/crh/skywarn/SRD2025_statement.pdf).

* What is FNARS?

The above acronym stands for the FEMA NATIONAL Radio System. When a major catastrophe impacts a region or the entire U.S. such that it takes out all other forms of government communications, FEMA turns to its communications system of last resort, FNARS. The system uses HF frequencies and NVIS antennas to keep regional centers, as well as state, local and territorial governments, in contact with each other and the national center. Sound familiar? This video explains how it all works (<https://www.youtube.com/watch?v=cTaxMdzDpnQ>) [YouTube; 00:07:31]. For further bedtime reading, see this PDF of three documents; the FNARS Concept of Operations, Standard Operating Procedures, and System Operators ' Quick Guide (https://www.governmentattic.org/27docs/3FEMA-FNARSmanuals_2015-2017.pdf) [PDF, 86 pages]. [NVIS = Near Vertical Incident Skywave.]

* FCC Closes Over 2,000 Inactive Proceedings

The FCC has closed some 2,048 proceedings that it has deemed inactive. They also decided to leave open nine proceedings that were being considered for termination. My search of the table of terminated proceedings turned up the following five related to ham radio (I can't guarantee I didn't miss any).

- RM-11760: Petition for Proposed Changes in 47 CFR Part 97.25 License Term for Amateur Radio;
- RM-11826 KK8DX;
- RM-11833 State and Local Authorities attempting to regulate or restrict Amateur, CB and commercial Two way radio;
- RM-11834 Amateur Vanity Call Signs;
- RM-11835 Amateur Vanity Call Signs.

In addition, one of the nine proceedings to remain open includes a reference to Part 97: Amendment of Parts 2, 15, 80, 90, 97, and 101 of the Commission's Rules Regarding Implementation of the Final Acts of the World Radiocommunication Conference (Geneva, 2012) (WRC-12), Other Allocation Issues, and Related Rule Updates (ET Docket No. 15-99).

The FCC notice and the complete table of terminated proceedings is at (<https://www.fcc.gov/document/fcc-closes-more-2000-inactive-proceedings>).

Other News:

* Salvation Army Training Courses

The Salvation Army is introducing a new suite of Emergency Disaster Services training courses designed specifically to support its partners, such as ARES. The goal is to equip faith and community organizations with tools to build stronger and more connected communities, fostering resilience and empowering service. The no-cost virtual training series provides an understanding of how emergency management works, the roles that faith and community-based organizations can play during a disaster, and how to appropriately connect to emergency management partners. Certification is available. The courses are self-paced, interactive and are from 1.5 to 4 hours long. For details, see (<https://www.salvationarmyusa.org/stories/the-salvation-army-launches-new-emergency-disaster-services-training-for-faith-and-communitybased-organizations/>).

* ARDC Accepting Grant Applications

If you or your club is developing projects that advance amateur radio or digital communications, now's the time to apply for Amateur Radio Digital Communications (ARDC) grant funding, with the next application deadline on February 1, 2026. ARDC's priority areas for funding reflect the organization's broader vision and strategy for supporting experimentation, education, and open technology within the amateur radio and digital communications communities. They are especially interested in projects that align with these three areas: Research & Development (R&D); Space-Based Communications; Open-Source Education. For details and to apply, go to (<https://www.ardc.net/>).

* A Ham Journal Worth Reading

Last month, I mentioned a magazine from Puerto Rico that I didn't know about before. Now I've learned about another excellent ham radio journal that's definitely worth a look. The Communicator is a very professional looking publication

from the Surrey Amateur Radio Communications Society in British Columbia. The November-December 2025 issue has detailed articles on Émile Baudot, the pioneer of digital communication; the vital role of radio during a catastrophic explosion in Halifax in 1917; several equipment reviews and how-to articles; POTA antenna suggestions; an item on the enduring value of RTTY; and a great deal more. The magazine's archive is at (<https://www.calameo.com/accounts/7665474>). SARCS's website is at (<https://www.ve7sar.net/>). [Thankx to Steve, N8GNJ and Tina, KD7WSF, for the tip.]

* Santa Net 2025

For the 16th consecutive year, The 3916 Nets will be presenting The Santa Net on 3.916 MHz. Girls and boys can talk to Santa Claus, via amateur radio, nightly at 7:00 PM Central (5:00 PM Pacific time) starting Friday, November 28, the day after Thanksgiving, through Christmas Eve, December 24. Youngsters can talk to "Santa at the North Pole" via strategically-placed operators who relay the voice of Santa. Thomson said that The Santa Net is a team effort that involves a number of 3916 Net members. "In our first year, we connected 10 kids to Santa on ham radio and it's grown steadily since. This year, we're expecting over 1,000 children to participate." Prior to each night's Santa Net, pre-net check-ins can be made at (<https://www.cqsanta.com/>). Third party rules and regulations apply. The Santa Nets are presented annually by The 3916 Nets, which include The Rag Chew Crew, The Tailgaters, and The Freewheelers. For more information on The 3916 Nets, go to (<http://www.tailgatersnet.com/>). For more information on The Santa Net, email KE5GGY at Gmail dot com.

* Youth on the Air

During the entire month of December, many young hams around the world will be active with YOTA — Youth on the Air — as the suffix in their call signs. In the US, look for 1x1 special event calls and regular call signs. Many of these young hams are encouraging other youth to be active on the amateur radio bands. Some will give demonstrations at their schools, introducing ham radio to friends while making QSOs or enjoying a great pile-up. Licensed and unlicensed youth (with the help of a licensed operator) will be making QSOs. Everyone is reminded that this could be the first radio contact ever for some newcomers. Help fill their logbooks! Use this direct link to the DX cluster (already filtered) to spot active stations during December.

(<https://arrl.informz.net/z/cjUucD9taT0zNDk4NzI1JnA9MSZlPTUzODgzMTUyMiZsaT00MDY5NjQ0Ng/index.html>)

* "Space Sailors" Seeking Download Help

Students at Cornell University are seeking participation from radio amateurs equipped with satellite stations for help in listening for signals from a retroreflective laser sail. The sail is currently attached to a CubeSat that was launched on Tuesday, December 2, 2025, from the International Space Station, but will separate and become its own free-flying spacecraft equipped with four tiny "ChipSat" flight computers that will transmit telemetry data back to Earth. The light sail's ChipSats will be transmitting data using the LoRa digital protocol on 437.400 MHz. The sail, stowed within the CubeSat, is expected to be released a couple of days after deployment - tentatively this Thursday, December 4 - and will likely function independently for no more than 48 hours due to the drag created by the sail. Additional information, including LoRa parameters and links to a list of compatible receivers and the decoder file, may be found at (<https://alphacubesat.cornell.edu>).

* Soldering Tips for Beginners

RadioWorld is an online journal for the broadcasting industry, so it naturally occasionally has an article of interest to hams. The one with the above title has some good suggestions and helpful images. Have a read at (<https://www.radioworld.com/tech-and-gear/soldering-tips-for-beginners>).

* Ham Radio in the News

The Forbes news service recently posted an article extolling the fun and benefits of ham radio. Have a look at (<https://www.forbes.com/sites/jimclash/2025/11/25/ham-radio-theres-still-magic-in-it-ask-three-million-people/>).

Hamfests And Special Events:

* 01/18-24/2026

Quartzfest. Quartzsite, AZ. Sponsor: N/A. Website: (<http://Quartzfest.org>).

* 01/25-27/2026

Discovery of Gold in California 177th Anniversary Special Event Station. 1700Z-0100Z, AG6AU, Placerville, CA. El Dorado County ARC. 7.248 14.248 21.348 28.348. QSL. El Dorado County ARC, PO Box 451, Placerville, CA 95667. (<https://edcarc.net/>).

* 02/26-28/2026

ARRL Southwestern Division Convention. Location: Yuma , AZ. Sponsor: Yuma Amateur Radio Hamfest Organization. Website: (<https://www.yumahamfest.com/>).

* 04/30 to 05/01 2026

BEACON Exercise Special Event Station. 1600Z-0000Z, KA6OES, Eureka, CA. Humboldt County Sheriff's Office of Emergency Services. 7.1920 3.9920 14.2205. Certificate. Greg Waters, 826 4th street, ATT: OES, Eureka, CA 95501. (<http://beaconexercise.org/>)

* 06/05-07/2026

SEA-PAC, ARRL Northwestern Division Convention. Location: Seaside, OR. Sponsor: Oregon Tualatin Valley Amateur Radio Club and Clark County Amateur Radio Club. Website: (<http://seapac.org>)

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>)

Significant Events in Telecomm History – December

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

12/01/1966	Federal radio station WWV in Greenbelt, Maryland went off the air at 0000 UTC and the new station near Fort Collins, Colorado simultaneously went on the air.
12/01/1983	Astronaut Owen Garriott, W5LFL, aboard the Space Shuttle Columbia, made the first ham radio contact from a human in space to someone on Earth. The contact was with Lance Collister, WA1JXN, in Frenchtown, Montana. Lance is now W7GJ.
12/03/1992	The first telephone text message was transmitted by Engineer Neil Papworth when he typed "Merry Christmas" on a computer and sent the first SMS message to the cellphone of Vodafone director Richard Jarvis.
12/04/1850	William Sturgeon, inventor of the electromagnet, died in Prestwich, Lancashire, England at age 67.
12/04/1999	The USS Red Oak Victory Amateur Radio Club became affiliated with the ARRL.
12/05/1947	The Quarter Century Wireless Association (QCWA) was founded in New York City.
12/05/1987	The Contra Costa Communications Club became affiliated with the ARRL.
12/06/1923	President Calvin Coolidge gave an address to Congress that was the first presidential speech to be broadcast over the radio.
12/07/1941	Pearl Harbor, Hawaii and other locations were attacked, bringing the U.S. into World War II. Radio station KTU in Honolulu broadcast several hours of live updates during the surprise attack.
12/08/1864	James Clerk Maxwell proposed a theory of electromagnetic radiation in a lecture to the Royal Society of London. He stated that "light and magnetism are affections of the same substance".
12/09/1921	Radio station KWQ went on the air in San Jose. It became KCBS in 1949.
12/10/1901	The first Nobel Prize in Physics was awarded to Wilhelm Conrad Röntgen, a German mechanical engineer and physicist, for his production and detection of electromagnetic radiation in a wavelength range known as X-rays or Röntgen rays.
12/10/1909	Guglielmo Marconi and Karl Ferdinand Braun were jointly awarded the Nobel Prize in Physics "for their contributions to the development of wireless telegraphy".
12/10/1945	ENIAC (Electronic Numerical Integrator and Computer); the first programmable, electronic, general-purpose digital computer; was first put to work for practical purposes. It was in continuous operation until 1955.
12/10/1993	Joseph Hooton Taylor Jr., K1JT and creator of the weak signal programs WSPR and WSJT, was awarded the Nobel Prize in Physics, along with Russell Alan Hulse, "for the discovery of a new type of pulsar, a discovery that has opened up new possibilities for the study of gravitation".

12/11/2023 NASA's Deep Space Optical Communications experiment beamed an ultra-high definition streaming video from a record-setting 19 million miles away (31 million kilometers, or about 80 times the Earth-Moon distance) using lasers, in a demonstration aimed at streaming very high-bandwidth video and other data from deep space.

12/12/1901 Guglielmo Marconi claimed to have received the first trans-Atlantic radio signal, in St. John's, Newfoundland, Canada from Poldhu, Cornwall. (Some dispute the claim.)

12/12/1912 Representatives of the Department of Commerce and Labor at the Brooklyn Navy Yard issued the first Certificate of Proficiency to Irving Vermilya, W1ZE, making him the first officially licensed radio amateur in the U.S.

12/12/1961 The world's first amateur radio satellite, OSCAR 1, was launched into space. It was also the first privately owned satellite and the first secondary payload. It orbited for 22 days before reentering the atmosphere.

12/14/1931 Alan Dower Blumlein filed a patent in London, UK for a two-channel audio system called "stereo".

12/15/1964 The U.S. Postal Service issued a commemorative stamp honoring amateur radio. It was first made available for purchase in Anchorage, Alaska where amateur radio operators played an important role in the aftermath of The Great Alaskan Earthquake on March 27th of that year.

12/17/1797 Joseph Henry was born in Albany, New York. He was the first Secretary of the Smithsonian Institution, inventor of the first practical electrical relay & namesake of the unit of Inductance.

12/17/1902 The world's first radio message to cross the Atlantic Ocean occurred, from Glace Bay, Nova Scotia, Canada.

12/17/1907 William Thomson, also known as Lord Kelvin, died in Largs, Scotland at age 83. Lord Kelvin calculated the coldest possible temperature (-273.15 Celsius, or -459.67 degrees Fahrenheit), developed what is now known as the Kelvin temperature scale, developed the second law of thermodynamics, and worked to install telegraph cables under the Atlantic, among other accomplishments.

12/18/1890 Edwin Howard Armstrong, inventor of FM (frequency modulation) radio and the superheterodyne receiver system, was born in Chelsea, Manhattan, New York.

12/18/1958 Signal Communications by Orbiting Relay Equipment (SCORE) was launched, becoming the world's first purpose-built communications satellite.

12/19/1958 President Dwight D. Eisenhower became the first person whose voice was ever transmitted through space when Project SCORE, the world's first communications satellite, went online.

12/19/2006 The FCC issued a Report and Order ending the requirement for Morse Code proficiency from all amateur radio licenses. The R&O took effect February 23, 2007.

12/20/1939 The National Advisory Committee for Aeronautics (the predecessor of NASA) broke ground at Moffett Field in California to establish their second laboratory location in the United States, called the Ames Research Center.

12/22/1948 KPIX-TV, San Francisco's first television station, began broadcasting from atop the Mark Hopkins Hotel on Nob Hill.

12/23/1900 Reginald Aubrey Fessenden claims to have made the first transmission of human speech over radio, on Cobb Island, Maryland in the Potomac River. But Brazilian priest and inventor Roberto Landell de Moura also claims to have done so on June 3, 1900.

12/23/1947 The first transistor was completed at Bell Labs in Murray Hill, NJ by Walter H. Brattain and John A. Bardeen -- under the direction of William B. Shockley.

12/23/1975 The Metric Conversion Act was signed into law by President Gerald R. Ford, making the metric system "the preferred system of weights and measures for United States trade and commerce".

12/23/1994 The FCC adopted final rules implementing vanity call signs in the Amateur Service.

12/23/2009 The volunteer civilian communications program supporting the military changed its name to the "Military Auxiliary Radio System". It was previously the "Military Affiliate Radio System".

12/24/1906 The first radio broadcast for entertainment and music, and the first transmission of amplitude modulation, was transmitted from Brant Rock, Massachusetts to the general public, by Reginald Aubrey Fessenden.

12/24/1922 The first verified amateur radio signal from Europe was received in North America. The signal originated from the RSGB station (G)5WS at Wandsworth in South London, as part of the Third Transatlantic Tests.

Dec., 1915 The first issue of QST magazine was published. The price was 10 cents.

New Hams:

November, 2025 Report

No report this month

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Question & Answer:

When is it permissible to transmit messages encoded to obscure their meaning?

C. Only when transmitting control commands to space stations or radio control craft

[Technician Class question pool (2022-2026) no. T1D03 (<https://www.ncvec.org/index.php/2022-2026-technician-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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