

Section Manager
East Bay Section Newsletter
August, 2025

ARRL East Bay Family,

Most of the planet's Northern Pacific region dodged a bullet last Tuesday afternoon to Wednesday morning, when an earthquake of magnitude 8.8 struck in the North Pacific Ocean, 78 miles offshore from the eastern Russia coast of Kamchatka. It's reported to be the 6th strongest on record. It was followed over the next few days by other quakes in the 6.2 to 6.9 range. Tsunami alerts and warnings were issued for Alaska, Hawaii and essentially to entire west coast of the continental U.S., as well as Japan and other Asian nations. When the waves finally arrived in the U.S., however, they were relatively small; about 3 feet here in parts of the Bay Area. Hawaii had somewhat higher waves, from 3 to 10 feet. Crescent City, CA, in the far northwest corner of the state, had waves up to 4 feet early Wednesday, highest in the continental U.S. I've not seen any reports of significant damage in North America. Some sparsely populated parts of Russia's Kamchatka coast saw waves of 30 to 50 feet, and about 20 feet near more populated areas. I've seen no reports of deaths, and only a few injuries, mainly during evacuations. You can see the USGS web page for the main quake at (<https://earthquake.usgs.gov/earthquakes/eventpage/us6000qw60/executive>), which includes an interactive map and a lot more information. See the ARRL's report on the response by hams at (<https://www.arrl.org/news/view/ham-radio-responds-during-tsunami-threat>).

By the way, there was also a 3.3 quake Wednesday evening just off the Bay Area coast, near Pescadero & Half Moon Bay. See the USGS page at (<https://earthquake.usgs.gov/earthquakes/eventpage/nc75217272/executive>). [USGS = U.S. Geological Survey.]

When the deadline for submission of Field Day results passed last Tuesday, the ARRL had received 4,369 entries. Of those, 32 were from the East Bay Section. Two of them were still "Pending documents", with the rest "Complete". Of the 32 submissions, 13 were from clubs, with several turning in multiple submissions. The rest were from individuals or ad hoc groups that are not clubs. I hope everyone had a great time. You can check the status of any Field Day log entry at (<https://field-day.arrl.org/fdentriescvcd.php>).

Congratulations and Thank You to the Hayward Radio Club, which became affiliated with the ARRL on August 02, 1954.

*** Question:**

What is the resonant frequency of an RLC circuit if R is 22 ohms, L is 50 microhenries, and C is 40 picofarads?

- A. 44.72 MHz
- B. 22.36 MHz
- C. 3.56 MHz
- D. 1.78 MHz

(See the last page for the answer.)

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Section & Division News:

*** New Division Vice-Director**

Dr. Carol Milazzo, KP4MD, formally the Sacramento Valley Section Manager, has been appointed the new Pacific Division Vice-Director, replacing John Litz, NZ6Q, who is now our Division Director. She will serve the remainder of a three-year term ending December 31, 2025. Since 2015, Dr. Milazzo has served as Section Manager of the ARRL Sacramento Valley Section. She is a Volunteer Examiner and an ARRL Life Member. See all the Division leadership and more on its website at (<https://www.pacific.arrl.org/>). In last month's newsletter, I reported that nominations for the Pacific Division Director and Vice-Director are open for a 3-year term beginning January 1, 2026.

* New Sacramento Valley Section Manager

As a result of the above item, Jay Ballinger, N6SAC, of Antelope, California, has been appointed Section Manager of the ARRL Sacramento Valley Section, effective July 16, 2025. He will serve the remainder of a term that expires on September 30, 2027.

* Alcatraz Special Event Station Reminder

The Vaca Valley Radio Club, W6VVR, will activate a Special Event Station - W6P - from Alcatraz Island on August 2nd 2025. The plan is to take the employee ferry early in the morning to the island and operate from 0900 to 1600 Pacific (1600 to 2300 UTC). There will be three operating stations with a team of 6 operators on 7.200, 14.250, and 28.500 MHz. All stations will be on SSB using battery. If you have any questions or would like to be considered to be part of the operating team please contact Art, WD6BQX at (w6vvr@arrl.net). Also see the Hamfests and Special Event section below for more details.

* NCCC 55th Anniversary Fiesta

The Northern California Contest Club (NCCC), based in Truckee, is thrilled to announce the NCCC 55th Anniversary Fiesta, a special on-air event that will begin at 1900 UTC (12:00 Noon Pacific time) on Saturday, August 9, and conclude at 0300 UTC on Sunday, August 10 (8:00 PM August 9 Pacific Time). The Fiesta invites all amateur radio operators to join the airwaves in a spirited, all-mode operating event. Whether you're an NCCC member or not, this is your chance to help celebrate the legacy of one of the most influential contesting clubs in the country. More information about the event is available at (<https://nccc.cc/55th.html>).

* Station KVHS to Be Resurrected

Broadcast radio station KVHS began broadcasting as an AM station in 1966 from the campus of Clayton Valley High School in Concord, staffed entirely by high school students. Over the years, it changed frequencies and formats several times before landing on 90.5 MHz FM. Budget cuts forced the station off the air in 2013 and the Mt. Diablo Unified School District has been looking to dispose of the station. Well, the station is back now, albeit with a smaller footprint. The Contra Costa County Office of Education has agreed to take over the station and has begun broadcasting from its offices at 77 Santa Barbara Rd, in Pleasant Hill. Get the full story at (<https://contracosta.news/2025/07/03/contra-costa-county-office-of-education-to-acquire-kvhs-radio-license/>). The station's website is at (<https://www.kvhs.com/>), where you can also stream their broadcast. It also has a Wikipedia page at (<https://en.wikipedia.org/wiki/KVHS>). As a community supported station, KVHS can accept donations to help support operations. To donate, go to (<https://donorbox.org/support-kvhs-radio-station>).

* 3rd Annual Stan Joaquin Swap Meet/Picnic

The Stanislaus Amateur Radio Association and the Stockton-Delta Amateur Radio Club will co-host the Stan Joaquin Swap Meet/Picnic this year, to be held on Saturday, September 6, 2025 – 9:00 am to 3:00 pm at the Ripon Grange Hall, 827 Ripon Ave, Ripon, CA. Admission is free for attendees and lunch will be available for \$7.00. A table space to sell stuff is \$20.00, which includes one meal ticket. If you do want a table space, you must contact: Joyce, K6QBQ, in advance at 209-400-5421. For questions or more info, contact Joyce at the above number or Dick, W8AAL, at 707-479-5548. By the way, the title above is not a typo. It is “Stan”, for “Stanislaus”. SARA's website is at (www.saraclub.net). SDARC is at (www.w6sf.org).

* Maker Faire is Back

The Bay Area Maker Faire is back again this year. It will be held September 26-28, 2025 at the Mare Island Naval Shipyard in Vallejo. Get details and buy tickets at (<https://bayarea.makerfaire.com/>).

* Ham Radio Helps Rescue Mother and Child

A story in the July 17 edition of the Sacramento Bee is about a mother and 9-year-old child getting lost in the forest in Calaveras County. Responding to a missing person report, searchers eventually found them with help from a forest ranger, information given by the initial caller, and a “handwritten note posted at an intersection of a remote Forest Service Road,” by the mother. However, “Given the isolated area, ‘which included dense forest and canopy,’ rescuers were not able to use ‘conventional radio frequencies or (a) cell phone’ to relay they had found the pair, deputies said. Instead, they used an ‘amateur radio frequency, commonly known as HAM radio,’ deputies said.” A retired El Dorado County communications supervisor, who is also a ham, picked up the message and relayed it to dispatchers and the search team's command post. Get the full story at (<https://www.sacbee.com/news/california/article310727100.html>). There was also coverage of this story in the ARRL News at (<https://www.arrl.org/news/amateur-radio-helps-locate-missing-mother-and-son>), in the July

25 edition of the Amateur Radio Newsline at (<https://www.arnewsline.org/news/2025/7/24/amateur-radio-newsline-report-2491-for-friday-july-25th-2025>) and in other general news and ham news reports.

* Field Day in Puerto Rico

Our Pacific Division's then-Sacramento Valley Section Manager (and now our new Division Vice Director) Carol Milazzo, KP4MD, spent Field Day in Puerto Rico at the invitation of the island's Section Manager, Carmen Greene KP4QVQ. She made a presentation on the trip at the River City Amateur Radio Communications Society in Sacramento, which is available on YouTube. It's full of fascinating photos and video clips. See it on Carol's YouTube channel at (<https://www.youtube.com/watch?v=KfJcgpAKZil>) [YouTube, 00:22:21].

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ARRL News:

* ARRL July Board Meeting

The League's Board of Directors and several committees met last month and a number of items were acted on. The minutes are not yet available, but some of the items are summarized below. See the full summary in the ARRL Member Bulletin for July 22 at (<http://www.arrl.org/member-bulletin?issue=2025-07-22>).

Pre-Board Meeting Committees:

-- Another New DXCC Award

In January, the Programs & Services Committee created the DXCC Trident Award -- which will recognize those who achieve DXCC using CW, phone, and digital modes. At the meeting last month, they authorized another new DXCC award — 10-Band DXCC — which will recognize those who achieve DXCC on all bands from 6 meters to 160 meters (excluding 60 meters). Higher achievement endorsements can be earned for both awards.

-- Washington Advocacy

The League is continuing work to build Congressional support for bills H.R.1094 and S.459 — the Amateur Radio Emergency Preparedness Act — for passage. The Administration & Finance Committee recommended to the Board that the ARRL CEO take the lead on the efforts, including executing a campaign to involve members in reaching out to their Congressional representatives later this year.

-- Field Services

The Emergency Communications and Field Services Committee reviewed year-to-date activities, including a complete rewrite of the ARES® training modules and the recently executed Memorandum of Understanding between ARRL and Radio Relay International (RRI) (see the item below). The committee also discussed making 2026 the Year of the Club and proposed ideas for consideration by the Board.

-- ARRL Museum

The ARRL Heritage Museum's collection of more than 3,000 images and documents is now online and can be found at (<https://www.arrl.org/arrl-museum-and-research-library>). See the full announcement about the museum at (<https://www.arrl.org/news/view/introducing-radio-alpha-the-arrl-museum-and-research-library>).

Board Meeting Actions:

-- Bylaws Changes

The Board discussed and voted to approve the motion to adopt the "Report and Recommendations of the Special Committee on By-Law 46". The proposed updated language was reviewed by ARRL's Connecticut counsel who was present for questions and discussion. The changes affect By-Law 46, the Board's Conflict of Interest Policy, and By-Law 42, the charter for the Ethics & Elections Committee. The most significant change is that this introduces an unbiased competent third party to provide the Board with the results of its own determination in an E&E matter before submitting it to the ARRL Board.

-- U.S. Semiquincentennial

The Board approved a year-long celebration of the semiquincentennial (250th anniversary) of the United States. This will include commemorative ARRL US250 Worked All States awards from contacts made during 2026, as well as other on-air activity.

-- Year of the Club

The Board approved making 2026 the Year of the Club and passed other motions in support of the initiative including, creation of a book featuring high-performance clubs; working with and recognizing outstanding club websites while helping clubs with ineffective websites; recognizing ARRL Affiliated Clubs that maintain a higher-than-required ARRL membership level for affiliation. Clubs that achieve a 70% or a 90% ARRL membership level within their clubs will receive acknowledgment and special recognition.

* Look Up and Live

“About 150 people die each year at work from contact with electricity, according to the Electrical Safety Foundation International. Half of those are from contact with power lines. That data is just workplace deaths, so recreational and public service volunteering aren’t even accounted for. In a recent article, ARRL New Mexico Section Manager Bill Mader, K8TE, shared safety concerns and processes that can be implemented at ARRL Field Day sites.” So begins an article in the July 17 ARRL Letter by Sierra Harrop, W5DX, ARRL Public Relations and Outreach Manager. She adopted the mantra “Look Up and Live” as a TV news employee working on-site breaking news stories. See Bill Mader’s article at (<https://www.arrl.org/news/field-day-safety-tips-from-an-experienced-compliance-officer>).

* Virtual NTS Traffic Net

Many Technician class amateurs miss out on fun and skills learning of traffic handling because they reside in areas of the country where local traffic nets on VHF repeaters don’t exist. The Virtual NTS Training Net (VNTN) seeks to address this problem with the creation of a Zoom-based local traffic net that can be accessed by anyone with an internet connection. VNTN will accept check-ins and radiogram traffic using standard phonetics and pro-signs; in short, participants will enjoy the same experiences as those who check into conventional “RF” traffic nets. The net will incorporate a “hands-on” training approach in traffic procedures, radiogram creation, and relay. “It is our hope that new amateurs who participate in VNTN will be motivated to join section and region nets on HF after upgrading to a higher license class,” says Phil Temples, K9HI, who chairs EC-FSC’s NTS Subcommittee. The Net meets on Wednesdays at 7:00 PM ET. In future, it is hoped that a west coast version will be established at around 7 PM PT. The latest VNTN URL can be found at (<https://nts2.arrl.org/virtual-nts-training-net/>) [Thankx to Dan, AC8NP, for the tip.]

* RRI and ARRL Sign MOU

ARRL and Radio Relay International® (RRI) have signed a Memorandum of Understanding (MOU). The formal agreement outlines the value the organizations find in cooperation. Among the specific agreements are that the ARRL will be responsible for the development and day-to-day management of Section and local traffic networks. The RRI will manage the Digital Traffic Network (formerly NTSD). Both organizations will coordinate the infrastructure level of the NTS; and will “cooperate to promulgate, develop and implement operating standards and training programs applicable to net operations”. They will also share EmComm planning. Several other provisions are included. The press release is at (<http://www.arrl.org/news/view/radio-relay-international-and-arrrl-sign-memorandum-of-understanding>). The MOU itself is at (<https://www.arrl.org/files/file/EMCOMM/2025/RRI-and-ARRL-MOU-2025.pdf>) [PDF, 3 pages].

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Government News

* FCC Grants Satellite Experimental License that Includes Ham Frequencies

The FCC granted an experimental satellite license with the call sign WP2XRX to AST SpaceMobile, a Texas-based rival of SpaceX. The license became effective July 11, 2025 and expires July 1, 2027. Included in the list of authorized frequencies is the 430-440 MHz band, which the company says will be to conduct telemetry, tracking, and telecommand between ground stations and its satellites. Other frequencies authorized are 37.5 GHz-42 GHz, and 2.235 GHz, 2.245 GHz for mobile satellite services. “The company seeks FCC approval for operation of 248 low-earth orbit, non-geostationary satellites. Its present license only permits five. AST SpaceMobile has been developing its network in association with AT&T and Verizon. SpaceX is partnering with T-Mobile.” The license itself is available at (<https://apps.fcc.gov/els/GetAtt.html?id=380200&x=>). Also see the PC Magazine article at (<https://www.pcmag.com/news/ham-radio-users-clash-with-starlink-rival-ast-spacemobile-over-spectrum>). [Summarized, with a few quoted phrases, from the Amateur Radio Newsline Report for Friday, July 18th, 2025]

* ARRL Files Comments to Protect 70-Centimeter Amateur Band

In addition to the above experimental license, AST has filed an application that seeks to modify its existing license “for five satellites and seeks authority to operate a constellation of a total of two hundred forty-eight low-earth orbit non-

geostationary orbit (NGSO) satellites.” The application includes a request for permanent authority to operate in the 430-440 MHz band, as well as several other bands. Over 2,000 individuals and numerous IARU societies have filed comments on the matter.

The League filed comments with the FCC on July 21 to oppose the part of the application that would impact the 70-centimeter amateur band. According to the League, AST requests “unprecedented authorization to 430-440 MHz for a constellation totaling 248 satellites to communicate with five ground stations using up to five channels with up to 256 kHz bandwidth” and “should be denied because AST does not demonstrate need for TT&C spectrum beyond that available within existing allocations.” They included other reasons that this part of the application should be denied.

The ARRL press release on their comments is at (<https://www.arrl.org/news/arrl-files-comments-to-protect-70-centimeter-amateur-band>). The comments themselves are available at (<https://www.arrl.org/files/file/FCC%20Documents/ARRL-Partial-Opposition-25-201.pdf>) [PDF, 6 pages]. An FCC public notice on AST’s application is at (<https://www.fcc.gov/ecfs/search/docket-detail/25-201>) [PDF, 3 pages]. [IARU = International Amateur Radio Union]

Other News:

* New Section in Canada

Radio amateurs who live in Canada's Yukon Territory now have a section to call their own. Radio Amateurs of Canada has separated the Yukon Territory from the overall Territories section and given it a designation of its own. It now carries the abbreviation Y U K, setting it apart from hams in Nunavut and the Northwest Territories. Those regions will continue to be part of the section known as "Territories," which carries the abbreviation T-E-R.

[From the Amateur Radio Newsline Report for Friday, July 18th, 2025]

* National Radio Orienteering Champion from the Bay Area

A Bay Area woman won her category at the 24th USA Radio Orienteering Championships, held June 19-22 at Morrow Mountain State Park in Albemarle, North Carolina. Lori Huberman, from the California Bay Area Orienteering Club, won the W35’s (women ages 35 and older) category’s Foxoring and Sprint formats. The annual USA Radio Orienteering Championships are hosted by the Backwoods Orienteering Klub and drew about 30 athletes from across the United States and Canada. Radio orienteering is also known as amateur radio direction-finding, or ARDF. Team USA will go on to compete at the 2025 IARU World Championships, to be held in Lithuania in August. The Bay Area Orienteering Club’s website is at (<https://www.baoc.org/>). Learn more about ARDF at (<https://www.arrl.org/amateur-radio-direction-finding>). [IARU = International Amateur Radio Union.]

* How a Major Radio/TV Mountain Site Survived the Los Angeles Fires

“Radio enthusiasts (like us) probably numerous times have seen images of the tv towers atop the mountain that overlooks Los Angeles. I came across an interesting article regarding what it takes to keep the Mt. Wilson TV and FM stations on the air during wildfires in that area. Challenges involving keeping personnel on site while fires approach the transmitters, keeping generators fueled for weeks at a time when power lines fail or are disconnected to prevent other fires from starting, and putting up temporary microwave links to other mountaintops which have lost their feeds from their studios. Information about what those challenges at Mt Wilson can be found at (<https://www.radioworld.com/tech-and-gear/facilities/how-mount-wilson-survived-another-scare>).”

[From the July 18 newsletter by my North Carolina counterpart, Marv Hoffman, WA4NC]

* Lighthouses on the Air

In the U.S., National Lighthouse Day is unofficially August 7th each year. The Amateur Radio Lighthouse Society celebrates the day on the weekend closest to that date. This year, it’s the weekend of August 9-10. For more information, see their website at (<https://arlhs.com/events/national-lighthouse-lightship-week-nllw/>).

There will also be an International Lighthouse/Lightship Weekend on the third weekend of August, Aug. 16-17. Learn more about it at (<https://illw.net/>) and at (<https://www.lighthouse-weekend.international/>).

* HamSCI’s Meteor Scatter QSO Party

The Ham Radio Science Citizen Investigation (HamSCI) is preparing for a series of upcoming meteor scatter (MS) experiments. Operating will take place during two well-known meteor showers: Perseids, August 11 - 12, 0000 to 2400 UTC, and Geminids, on December 12 – 13. This is a combination “special event and contest” to generate contact data during meteor scatter events using the 6- and 10-meter bands. Ten meters has been used infrequently for meteor scatter

study due to past symbol rate limits. However, with recent changes in Federal Communications Commission rules, WSJT-X/MSK144 protocols may now be used on HF bands. More information and a detailed poster is available at (<https://hamsci.org/publications/hamsci%E2%80%99s-meteor-scatter-qso-party-2025>). Instructions and rules are at (<https://www.hamsci.org/msqp>).

*** International Cat and Dog Days**

To highlight the plight of mistreated dogs and cats and the work of their rescuers a group of amateur radio special event stations will be on-air with an award scheme during August. For International Cat Day on August 8th, DA0CAT, DL0CAT will be on-air during the whole month while GB4CAT, GB9CAT, YL1CAT and W1C will be on for shorter periods. See (<https://catdayradio.org/>) and (<https://www.qrz.com/>) for details. For International Dog Day on August 26th, DA0DOG, DL0DOG will be on-air during the whole month while GB4DOG, YL1DOG and K2D will be on for shorter periods. See (<https://dogdayradio.org>) and (<https://www.qrz.com/>) for details.
{from the Amateur Radio Newline Report for Friday, August 1st, 2025]

*** Turning Old Cell Phones into Tiny Data Centers**

An IEEE Spectrum article describes how some Estonian engineers used four 10-year-old phones to work together and create a tiny data processing operation at very low cost. “The whole setup cost about €8 (US \$9.30)”. In one experiment, “one such mini data center connected to a high-resolution camera and placed inside a watertight bubble successfully counted marine species 25 meters below the surface of the Mediterranean Sea.” They’re developing other experiments to “track the flow of people in a city center by processing measurements from an infrared sensor”; and use “a ground robot to serve as a data-processing hub for a swarm of flying drones.” See the story at (<https://spectrum.ieee.org/smartphone-data-centers>).

[IEEE = Institute of Electrical and Electronics Engineers.]

*** World Record for CW Callsign Copy**

The International Amateur Radio Exhibition held in June in Friedrichshafen, Germany with a theme of “Remote Radio - Connecting the World”. “An estimated 11,600 guests from 52 countries made the annual trip to Germany. Many of them were present as the ham radio fair celebrated a record-breaking moment. A 13-year-old radio amateur from Romania surpassed last year’s achievement in high-speed telegraphy. As spectators watched, mostly in silence, Ianis Scutaru, YO8YNS, achieved a maximum speed of 1,160 characters per minute for callsign copy - for a total score of 395,191 - landing him in the Guinness Book of World Records. The crowd erupted in cheers and applause only after he had finished and the announcement was made. Ianis, the son of Lucian, YO8SLC, has been practicing Morse Code since the age of 8.”
[from the Amateur Radio Newline Report for Friday, July 4th, 2025.]

*** Do You Have a Generator?**

If you or your club has an emergency backup generator, you may want to have a look at this RadioWorld article with suggestions on how to make sure it will actually work when you need it. (<https://www.radioworld.com/tech-and-gear/tech-tips/ready-set-generator>).

Hamfests And Special Events:

*** 08/02/2025**

Alcatraz Special Event Station. 0130Z-0830Z, W6P, Vacaville, CA. Vacaville Amateur Radio Club (W6VVR). 7.200 MHz 14.250 MHz 28.500 MHz. QSL. Art Aronsen, 7319 June Bug Lane, Vacaville, CA 95688. There will be 3 stations on Alcatraz Island during times stated. All stations will be on SSB on battery.

*** 08/09/2025**

ARRL Idaho State Convention. Post Falls, ID. Sponsor: Kootenai Amateur Radio Society. Website: (<http://www.k7id.org>).

*** 08/15-17/2025**

Pacific Northwest DX Convention. Clackamas, OR. Sponsor: Willamette Valley DX Club. Website: (<http://pnwdxconvention.com>).

*** 09/01-10/2025**

175th Anniversary of California Statehood 1850-2025 Special Event Station. 0000Z-2359Z, K6S, Monterey, CA.

Monterey DX Group. 14.275 21.275 28.375 7.275. QSL. G. Costello WC6DX, PO Box 1332, Monterey, CA 93942-1332. In 1849, the California Constitutional Convention convened in the capital Monterey in order to draft a constitution for statehood the following year. On 09 September 1850, California joined the Union as the 31st state. A commemorative paper QSL card is available for a SASE to QSL Manager WC6DX; no Log Book of the World or e-QSL.

* 09/06-14/2025

Route 66 On The Air. 0001Z-2359Z, W6JBT, San Bernardino, CA. Citrus Belt Amateur Radio Club. 3.866 7.266 14.266 28.466. Certificate & QSL. Citrus Belt Amateur Radio Club, PO Box 3788, San Bernardino, CA 92413. The Citrus Belt Amateur Radio Club of San Bernardino, California will host the 26th annual Route 66 On The Air special event, September 6-14, 2025. The event offers radio amateurs a chance to perhaps relive their own Route 66 memories and to celebrate the famed highway's rich history. Opened in 1926, US Route 66 was the first major improved highway to link the West Coast with the nation's heartland; it once served as the backdrop for a popular TV show and has been the subject of songs and stories. There will be multiple stations — some will be "rovers" — operating in or around the major cities along Route 66 from Santa Monica, California to Chicago, Illinois. They will use 1 × 1 W6-prefix special event call signs (www.w6jbt.org).

* 09/13/2025

Reno Ham Swap. Location: Reno, NV. Sponsor: Sierra Nevada Amateur Radio Society. Website: <http://renohamswap.com>.

* 10/10-12/2025

Pacificon 2025 Location: San Ramon, CA. Sponsor: Mount Diablo Amateur Radio Club. Website: (<http://www.pacificon.org>)

* 01/18-24/2026

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

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Significant Events in Telecomm History – August

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

08/02/1922	Alexander Graham Bell died in Beinn Bhreagh, Nova Scotia, Canada at age 75.
08/02/1954	The Hayward Radio Club became affiliated with the ARRL.
08/05/1921	Radio station KDKA transmitted the first broadcast of professional baseball by announcing a game between the Pittsburgh Pirates and the Philadelphia Phillies. The Pirates won 8-5.
08/06/1991	The first website was launched to the public on the newly invented World Wide Web by British scientist Tim Berners-Lee while working at CERN. See it at (http://info.cern.ch).
08/07/1981	The FCC established the General Radiotelephone Operator License, to supplement First and Second Class Operator licenses.
08/10/1993	President Bill Clinton signed the Omnibus Budget Reconciliation Act into law, including a provision for Vanity call signs.
08/12/1960	Echo 1 was launched, becoming NASA's first communications satellite. It was a passive spacecraft, made of Mylar in a balloon design, reflecting radio transmissions from one ground station back to another.
08/13/1889	A patent was granted to William Gray for a "coin-feed apparatus for hiring articles", which he put to use in the first pay phones.
08/13/1912	"An Act to Regulate Radio Communication" was signed into law by President William Howard Taft. It was the first U.S. legislation to require licenses for radio stations.
08/14/1777	Hans Christian Ørsted, discoverer of the relationship between electrical current and magnetism, was born in Rudkøbing, Denmark-Norway.
08/14/1982	President Ronald Reagan issued a presidential proclamation establishing Navajo Code Talkers Day. In 2014, Arizona passed legislation declaring every August 14 Navajo Code Talkers Day in Arizona.
08/15/1896	ARRL co-founder and original editor and owner of QST, Clarence Denton Tuska, 1WD, was born in New York City.

08/15/1946	The first recorded hamfest that eventually became the Orlando HamCation occurred in Rock Springs, Florida.
08/16/1944	Scottish inventor John Logie Baird gave a demonstration of the first practical fully electronic color television system.
08/18/1976	Shintaro Uda, co-inventor of the Yagi-Uda antenna, died.
08/21/1945	The FCC suspended the ban on amateur radio operations following the end of World War II; 3 years, 8 months and 13 days after it had been imposed. Operations were initially limited to the old 2-1/2-meter band (112-115 MHz).
08/25/1819	James Watt died in Handsworth, Birmingham, England at age 83.
08/25/1867	Michael Faraday died in Hampton Court, Middlesex, England at age 75. He is the namesake of the unit of capacitance.
08/25/2012	Voyager 1 crossed the heliopause and entered interstellar space, making it the first spacecraft to do so. At a distance of 121 AU, signals from Voyager 1 take over 17 hours to reach Earth.
08/26/1873	Lee de Forest, inventor of the three-element "Audion" (triode) vacuum tube, the first practical amplification device, was born in Council Bluffs, Iowa.
08/26/1939	The first Major League Baseball game was televised on station W2XBS, which later became WNBC-TV. The Cincinnati Reds and Brooklyn Dodgers played a doubleheader at Ebbets Field, with the Reds winning the first game 5-2, and the Dodgers taking the second 6-1. The broadcast was mainly to demonstrate one of the New York World's Fair prize exhibits, the television.
08/31/1920	The first radio news program was broadcast by station 8MK (now WWJ) in Detroit, Michigan.

New Hams:

July, 2025 Report

KO6JWK	Zachary Screechfield	Alameda (General)
KO6JWO	William Harsch	Danville
KO6JWV	Loren Ackerman	Concord (General)
KO6JPG	Tami Heletz	Concord
KO6JQS	Reshma Dalal	Fremont
KO6JVZ	Jenny Lin	Fremont
KO6JOP	Alexander Chen	Fremont
KO6JTS	Paul Hirschberg	Lafayette
KO6JRW	Anna Hsu	Dublin
KO6JQP	Kenneth Young	Walnut Creek (General)
KO6JRZ	Danny Whisler	Walnut Creek
KO6JWF	Duc Luong	Oakland
KO6JWH	Alexander Caviness	Emeryville
KO6JWA	Dean Plaskon	Berkeley
KO6JWI	Victoria Moore	Berkeley
KO6JPW	Erin Tiha	Berkeley
KO6JVS	Ronak Basnet	San Pablo
KO6JWT	Phillip Green	Dixon

New Upgrades:

The Ham Upgrade reports are currently not available, due to the 2024 IT systems disruption.

Question & Answer:

What is the resonant frequency of an RLC circuit if R is 22 ohms, L is 50 microhenries, and C is 40 picofarads?
C. 3.56 MHz

[Extra Class question pool (2024-2028) no. E5A02 (<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.

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ARRL East Bay Section Manager

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