

Section Manager
East Bay Section Newsletter
March, 2025

ARRL East Bay Family,

The ARRL bulk mail program for sending emails to our members is back! This is the first newsletter I've sent to the East Bay Section membership with the bulk mail service since the IT disruption shut down so much of the League's services about 10 months ago. It's still plain-text-only for now, but it's working. The League is working on an updated version that will allow us to send you email with different text fonts, attachments, hyperlinks, etc., but they decided not to wait for that to get us back in communications.

Of course, the PDF version I've been sending to those addresses I could find will still be posted on our Section website at (https://arrleb.org/index.php/files/get_dir/Newsletter). This link is at the bottom of every newsletter, so it's easy to find. After this newsletter, I'll start cutting back on the individual emails I was sending to addresses I was using until the bulk mail system came back. I've maintained a small list from the beginning of my tenure, but it was intended for interested people who live outside the Section or otherwise couldn't receive the bulk mail version. I would love to send the PDF directly to all 1,300-plus Section members, but my email service would quickly shut me down as a spammer. Actually, I couldn't do it anyway, since I don't have access to the full list of Section-member email addresses. The ARRL keeps that confidential.

So if you stop getting the PDF version, but still want to see it, just go to the above web page and pull it down. Thankx very much for being an East Bay Section ARRL member.

Don't forget to give up an hour of sleep next week. Daylight Saving Time kicks in Sunday morning, March 9 at 2:00 AM, which immediately becomes 3:00 AM.

Happy Birthday to Hamvention, which held its first convention on March 22, 1952 at the Biltmore Hotel in Dayton, Ohio. And Happy Birthday to the National Bureau of Standards (now the National Institute of Standards and Technology, or NIST), which was created on March 3, 1901 by a law passed by Congress.

Congratulations and thank you to the Benicia Amateur Radio Club and the Martinez Amateur Radio Club for becoming affiliated with the ARRL on March 10, 1981 and March 13, 2010 (15 years), respectively.

*** Question:**

What is a grid locator?

- A. A letter-number designator assigned to a geographic location
- B. A letter-number designator assigned to an azimuth and elevation
- C. An instrument for neutralizing a final amplifier
- D. An instrument for radio direction finding

(See the last page for the answer.)

=====
Section & Division News:

*** KARO ECHO SET**

KARO ECHO will hold their Spring SET (Simulated Emergency Test) on "April 12, 2025 from 10:00am to 1:00pm on 146.415 simplex. The format will again be no fixed assignments; members will create messages and request to contact given stations or ask who can help. New members who have not participated in a SET are encouraged to request operating

with an experienced operator. It is much easier to get started that way! The Fall SET is scheduled for October 25, 2025 from 10:00am to 1:00pm.”

[KARO ECHO = Kensington Amateur Radio Operators and the El Cerrito Ham Operators]

[Thankx to the KARO ECHO newsletter for the info.]

* Benicia Ham Class Report

The Benicia club held another of its excellent one-day ham classes on Saturday, February 1. They had 16 volunteers on hand to help a total of 39 applicants. 26 of those took the Technician course and 9 took the General course. The rest came it to test only. 24 Technician students passed the test, 5 of them with a perfect score; for a pass rate of 92.3%. 8 of the 9 General students passed, for a pass rate of 88.9%. All 5 walk-ins passed. The students came from 9 counties, some as far away as Siskiyou County! That’s on the state line with Oregon. Great efforts, Benicia. Thankx!

[And thankx to Bob, W6RBF, for the info.]

* MDARC General Class License Course

The Mt. Diablo club will hold its next General Class 9-session course on Tuesday evenings, March 25-May 20, 2025 at 7:00 PM, both in person in Clayton and on Zoom. There will be a test session the following Tuesday, May 27, and an optional (but highly recommended) Get-On-The-Air session on Field Day, June 28. For details and to register, go to (<https://www.mdarc.org/education-and-testing/class-details>). Scroll down to the section “Level 2: General License Course 2025 w/ GOTA” and click the course title to register. Be sure to read the rest of the above web page to get needed information, such as the required manual. Send any questions to (info@mdarc.org).

* Stockton Ham Cram

The Stockton Delta ARC will hold a one-day ham cram on Saturday May 17 at 8:05 AM at the Stockton Fire Station #2, Bret Lawes classroom, 110 W Sonora St., Stockton, CA. Doors open at 7:45 AM. They’re asking for a \$20 donation to cover the cost of the materials for the Study Session. Get details and register at (<https://w6sf.org/hamcramsignup.html>).

* International DX Convention Reminder

The 76th annual International DX Convention, sponsored by the Northern California DX Club, will be held at the Visalia Conference Center in Visalia, California, from April 11-13, 2025. This year’s theme is "Back to Basics," an opportunity to learn effective tips and techniques to work DX and have fun doing it. The convention will feature a contest forum, DX forum, Contest Academy, DX Academy and the all-new full-day Next Generation DXing Program. There are seminars for everyone from the beginning DXer to the seasoned pro. The registration fee for all youth up to age 18 has been waived and allows free access to the convention programs, forums, and the exhibit hall. Meals, raffle tickets and the bus tour are not included with the free registration. Convention pre-registration ends at 00:00 UTC on April 3 (4:00 PM April 2). To register, see (<https://dxconvention.com/registration/>).

* Sea Otter Classic in Monterey

The 2025 Lifetime Sea Otter Classic will be held on Thursday through Sunday, April 10-13, 2025 in Monterey County. Help from amateur radio operators has been a vital resource for communications. It attracts thousands of athletes and spectators and is now regarded as the world’s premiere cycling festival, but there are areas with little or no cellular coverage. That’s where we come in. A great reason to head down to beautiful Monterey County for a day or a weekend. For details and to register, go to (<https://sbcara.org/otter/>).

[Thankx to Mike KB6MP for the info.]

=====

ARRL News:

* Executive Committee Meeting Minutes

The League’s Executive Committee met on January 6 and received a number of reports. The minutes of the meeting are at (<https://arrl.informz.net/z/cjUucD9taT0zMjQ3ODc2JnA9MSZ1PTUzODgzMTUyMiZsaT0zNjgwMjU2MA/index.html>) [PDF, 4 pages.].

* Board of Directors Meeting Minutes

The League’s Board of Directors met January 17-18 and I outlined several of the actions they took in last month’s newsletter. You can get a copy of the newsletter at (https://arrl.org/index.php/files/get_dir/Newsletter). The minutes include some additional details on the matters I reported last month. In addition, the Treasurer “pointed out that 2023 and 2024 were unusually good for the investment markets, with over 20% returns in each year”. The Chief Financial Officer

“estimated that 2024 will end the year with a deficit of \$750,000”. The minutes of the Board meeting are now available at (<http://www.arrl.org/files/file/About%20ARRL/Board%20Meetings/ARRL%20Annual%20Board%20Meeting%20Minutes%201-17-25%20FINAL.pdf>) [PDF, 20 pages]. The agendas and minutes of past Executive Committee and Board meeting are available at (www.arrl.org/board-meetings).

*** Pacific Division Town Hall Meeting**

Our Pacific Division Director, Tony Marcin, W7XM, hosted his second Town Hall membership meeting on Saturday, March 1. He touched on a number of topics and answered several questions from the attendees. They included a quick review of actions taken at the January Board meeting, what changes to expect at the FCC with the new administration, and other topics. He’s planning to have these Town Halls roughly every couple of months on Zoom, and has scheduled the next one for Saturday, May 3 at 11:00 AM. You can see a recording of this and previous Town Halls at (<https://www.pacific.arrl.org/town-hall>).

*** I Got an Email from the ARRL About My Credit Card. Is It Legit?**

Last Thursday, I received an email from the ARRL saying they have a new credit card processing vendor and asking me to delete and re-enter the credit card information in my profile on the website. The above question was the first thing that popped into my head; is it legit?? I’ve confirmed with our Pacific Division Director, Tony Marcin, W7XM, that it is legitimate. However, if you want to be extra cautious, I suggest you do what I do in similar cases. Do not click on the links in the email. Go to the League’s website and log in independently. Then follow the rest of the steps. That way, you know you’re on the “real” ARRL website.

And remember, “ARRL DOES NOT store credit card information anywhere on our systems. The credit card information you enter/re-enter will be used to re-establish an encrypted credit card token that protects sensitive data during online transactions with our new credit card processing vendor, NCR”.

*** Bob Naumann, W5OV, Silent Key**

Bob Naumann, W5OV, recently the ARRL Director of Operations, passed away at his home in Texas on February 10, 2025. Bob was a near life-long ham, a Life member of the ARRL and a Diamond Club member. Bob was frequently on the ARRL’s social media, responding to questions and comments about League operations, the IT disruption and other matters. Read the full notice about Bob at (<http://www.arrl.org/news/robert-bob-naumann-w5ov-silent-key>).

*** ARES Bootcamp**

ARES® Bootcamp will be held at the Big Bear HamEscape on April 25-27, 2025, in Big Bear Lake, California. The ARRL Orange Section convention is sponsored by Visit Big Bear and Amateur Radio Digital Communications (ARDC), the California-based foundation with roots in amateur radio and the technology of internet communication. An estimated 700 participants are expected to visit Big Bear Lake for the weekend. Approximately 30 seminars and workshops will be held. A full-day introductory ARES Bootcamp and a full-day of POTA/SOTA training will be held on Friday. Get details and register at (<https://bigbearhamescape.com/>).

*** Call for QST Articles on EmComm**

Every July, QST publishes a special issue with an EmComm focus. This issue is a perfect opportunity for your ARES group to share your experiences doing exercises and drills, as well as participating in responses, so other groups will benefit from your experience. Here’s what QST is looking for:

- 1,200 to 1,800 words — Tell the story of your participation in an exercise or response with a “how-to” angle. For example, if your club designed an exercise, talk about the rationale that led to the choice of the exercise scenario and parameters.
- 2-5 high-resolution images — Include captions that explain what’s happening in the photos, the names and call signs of any hams pictured, and the name (and call sign, if applicable) of the person who took each photo.
- Send the manuscript and photos to (qst@arrl.org) by May 1.

*** How to Be a PIO**

Being a Public Information Officer (PIO) is an important aspect of amateur radio. Their purpose is to get the word out about amateur radio, its benefits, the events being held by clubs and non-profit events being supported. The more we publicize ham radio, the more the general public will understand how much good we do in the community. But the media landscape had changed a lot in the last decade or two. So the League has updated its PIO Handbook into the PR-101 course. PR-101 can be used both as an actual class - complete with a final exam if you wish to be included with the "ARRL Trained PIOs" who have successfully completed the course – or you can download the materials and save them as a reference handbook. Get details at (<https://www.arrl.org/pio-handbook>).

=====

Government News

* Amateur Radio Emergency Preparedness Act Re-Introduced

Senators Wicker, R-Miss. and Blumenthal, D- Conn., along with Representatives Pfluger, R-Tex., and Courtney, D-Conn. re-introduced legislation in the Senate and House to restore the right to Amateur Radio operators to install the antennas necessary to serve their communities. The Amateur Radio Emergency Preparedness Act of 2025 (H.R. 1094 and S. 459) would require homeowner associations to accommodate the needs of FCC-licensed Amateur Radio operators by prohibiting the enforcement of private land use restrictions that ban, prevent, or require the approval of the installation or use of Amateur Radio station antennas. See the full ARRL bulletin at (<https://www.arrl.org/news/amateur-radio-emergency-preparedness-act-re-introduced>). The House version of the bill itself is at (<https://arrrl.informz.net/z/cjUucD9taT0zMjUwMzE0JnA9MSZ1PTUzODgzMTUyMiZsaT0zNjgzNTc1MQ/index.html>).

* Contacting Your Members of Congress About Ham-Related Bills

Related to the above item and the one below, I was recently contacted by a Section member about writing to our Congressional members, asking them to support the above bill. My response to the member, which I've confirmed with Bart Jahnke, W9JJ and ARRL's Radiosport and Regulatory Information Manager, is below. I generalized it to apply to all members of Congress.

Timing is important in these matters. I and the League recommend against contacting your representative or senator at this time. At best, it would do no good, as your representative or senator may not even know the bill exists yet, and they and their staff have more than enough to deal with on other, more immediate, matters. At worst, getting a flood of emails and letters from hams about a bill they can do nothing about for at least months could reduce their incentive to support us.

The ARRL recommends waiting to contact our representative and/or senator until:

1. The bill comes up for consideration in a committee on which your representative or senator sits; or
 2. The bill reaches the floor of the House/Senate for a full vote.
-

Bart also advised that "Now is not yet the time to reach out. BUT, when the times comes, we (ARRL) will provide members (and SMs) with appropriate information and resources to share with elected representatives."

* AM Radio for Every Vehicle Act

Senators Ed Markey, a Democrat, and Ted Cruz, a Republican, have reintroduced the bill "AM Radio for Every Vehicle Act", which has 40 Senate co-sponsors. The bill would direct the National Highway Traffic Safety Administration to require automakers to maintain AM broadcast radio in their new vehicles at no additional charge. EV manufacturers oppose the bill, citing significant costs associated with suppressing rf noise coming from the hundreds of computer processors built into the electric vehicles. On the other hand, broadcasters are strongly supporting the legislation. The current text of the bill is at (https://www.markey.senate.gov/imo/media/doc/am_radio_for_every_vehicle_act.pdf) [PDF, 12 pages], but it will almost certainly be modified as it works its way through the process. A story about the bill is at (<https://www.radioworld.com/news-and-business/headlines/markey-cruz-reintroduce-am-bill-in-the-senate>).

* FCC Enacts Wireless Emergency Alert Changes

The FCC issued a Report and Order and Further Notice of Proposed Rulemaking adopting their "proposal to allow alert originators the option to send 'silent alerts' that do not trigger WEA's common audio attention signal or vibration cadence, granting alert originators greater flexibility in tailoring how WEA messages are presented." The reasons given in the Order's introduction include a recognition that the very loud sound can be jarring, especially when received late at night; reducing "alert fatigue" and the consequent risk of users opting out; and concern that "a loud audio attention signal can cause harm if it betrays the location of a student in hiding to an active shooter". The document also includes a further proposal to allow users greater flexibility in how messages are presented. The document is at (<https://www.fcc.gov/document/fcc-makes-weas-more-responsive-public-safety-and-consumer-needs>) [Docx, PDF & Txt, 84 pages].

* FEMA Space Weather Seminar Presentation

"The pdf slides for the recent FEMA Space Weather Seminar are available for viewing at this link. It was very detailed and good presentation. Two take home points were that every ARES, CommU/Auxcomm, or RACES EmComm group

needs to develop an Emergency Communications Plan taking into consideration the many factors which were presented. Secondly, a differentiation between connectivity and communication were emphasized. Operators may know how to make a contact or many contacts under variable conditions, but they also need to develop good communication skills. Skills like message handling, net control operations, succinct operational words, and procedures should be in every EmComm group's training modules.” See the slides at (https://drive.google.com/file/d/1CLnLQm44_rXlu2M1sAHR9TRoSQ-PGz2d/view) [PDF, 73 pages].

[From the KARO ECHO newsletter.]

* NIST Support in California

NIST supports key industries and manufacturing sectors, as well as public safety and community resilience, across our nation. To report on that, they have a part of their website where we can select our state of interest and discusses some of the things it does there. For example, in California, they have distributed \$464.9M in recent and planned financial awards to organizations since 2021. The categories include advanced manufacturing; energy and climate; technology and innovation; and public safety, health and resilience. Get the details at (<https://www.nist.gov/states>).

[NIST = National Institute of Standards and Technology]

* NASA Spinoffs

Each year, NASA publishes a Spinoff booklet, highlighting many of the technologies and products its work has initiated or supported via the successful transfer of agency technology to the commercial sector. The 2025 edition is now available, and features more than 40 commercial infusions of NASA technologies including: a platform enabling commercial industry to perform medical science on the space station; an electrostatic sprayer technology to water plants without the help of gravity and now used in sanitation, agriculture, and food safety; “Antigravity” treadmills helping people with a variety of conditions run or walk for exercise; and nutritional supplements originally intended to keep astronauts fit and mitigate the health hazards of a long stay in space. Read all about it and download your copy at (<https://www.jpl.nasa.gov/news/nasas-advancements-in-space-continue-generating-products-on-earth>).

=====

Other News:

* Beware the Scammer – As Always

It’s always a good idea to be skeptical of an email you received that’s unexpected. Be especially skeptical if the email includes a link for you to log in or provide personal information. Last month, I received a note from a Section member reporting that “A scammer is sending warning messages to ARRL forwarder addresses with a link to ‘Update Your Email Account’ which leads to a fraudulent site that prompts for ARRL login credentials. Ignore the message.” If you think such messages might be legitimate, then log in using your usual method. Do not click the link in the email. Also see the related item in the ARRL News section above, “I Got an Email from the ARRL...”.

[Thankx to Bob, W6RBF, for the tip.]

* General Class Upgrade Course

The Westchester Emergency Communications Association in Sleepy Hollow, NY is hosting a free course on upgrading to General Class. It’s both in-person and on Zoom, but I’m assuming most of you in this Section that are interested would attend via Zoom. It’s starts on Tuesday, March 11 and runs each Tuesday for 9 weeks; from 7:00 to 9:15 PM, Eastern time (4:00-6:15 PM Pacific). To register, send an email to (Education@WECA.org). Get more details on their website at (<https://www.weca.org/education>) and on their General Class flyer at (https://drive.google.com/drive/folders/1_1X75dUj3Fw0sPohRBezSEbZedRA6iHx).

[Thankx to Gary, KE6QR and Matthew, KA6ACE, for the information.]

* HamSCI Conference Reminder

HamSCI has announced that its next conference will be held March 14-15, 2025 at the New Jersey Institute of Technology in Newark, NJ. Get details at (<https://hamsci.org/hamsci2025>).

[HamSCI = Ham Radio Science Citizen Investigation]

* YLRL Scholarships Available for Students

The Young Ladies Radio League (YLRL) has announced its Memorial Scholarship program for 2025. The scholarship program is aimed at female amateur radio operators studying radio, communications, electronics or amateur radio related arts and sciences. There are three Memorial Scholarship award categories:

-- The Ethel Smith, K4LMB, Memorial Scholarship — \$2,500 award

- The Mary Lou Brown, NM7N, Memorial Scholarship — \$2,500 award
- The Martha “Marte” Wessel, KØEPE, Memorial Scholarship — \$1,500 award

To qualify, students must be female, have an amateur radio license, meet the requirements listed on the YLRL website and apply using the online application. Applications are due by April 30, 2025. Winners will be announced in July 2025. Get details and the applications at (<https://ylrl.net/Scholarships/>). See the full ARRL announcement at (<https://www.arrl.org/news/ylrl-scholarships-available-for-students>).

* QCWA Membership Offer

The QCWA is offering an introductory 90-day full membership for qualifying applicants for only \$3.00. The offer is limited to Amateurs licensed in 2000 or before and who have never been QCWA Members, as well as those whose membership expired before February 2024. Get full details and an application at (<https://www.qcwa.org/promo.pdf>) [PDF, 2 pages].

[QCWA = Quarter Century Wireless Association]

=====

Hamfests And Special Events:

* 03/22/2025

Sierra Foothills / Loomis Hamfest. Location: Loomis, CA. Sponsor: ARRL. Website: (<https://hamfest.w6ek.org/>).

* 04/11-13/2025

International DX Convention, 76th Annual. Visalia, CA. Sponsored by Southern California DX Club. Website: <http://www.dxconvention.org>.

* 04/19/2025

Honolulu Hamfest. Location: Honolulu, HI. Sponsor: Emergency Amateur Radio Club of Hawai`i. Website: (<https://www.arrl.org/hamfests/honolulu-hamfest-1>).

* 04/19-20/2025

World Amateur Radio Day. 1300Z-2359Z, N6AJ*, Bakersfield, CA. Terry Godley. 28.425, 14.074; 10 - 40 meters, FT8, SSTV. QSL. Terry Godley, 2701 Fordham Street, Bakersfield, CA 93305. Also participating, W6W, W6A, W6R and W6D.

* 04/25-27/2025

Big Bear HamEscape, ARRL Orange Section Convention. Location: Big Bear Lake, CA. Sponsor: Activate Big Bear, LLC. Website: (<http://BigBearHamEscape.com>).

* 04/26/2026

Valley of the Moon ARC Hamfest. Location: Sonoma, CA. Sponsor: Valley of the Moon ARC. Website: (<http://vomarc.org>)

* 05/30/2025- 06/01/2025

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

* 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. (www.w6jbt.org).

* 10/10-12/2025

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

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

- 03/01/1893 Nikola Tesla gave the first public demonstration of radio to the National Electric Light Association in St. Louis, although he had presented his work prior to this behind closed doors.
- 03/01/1938 Claude Shannon submitted his MIT Master's thesis for publication in the Transactions of the American Institute of Electrical Engineers, forming the basis of modern digital circuit design.
- 03/02/1799 President John Adams signed into law the first U.S. weights and measures legislation.
- 03/03/1847 Alexander Graham Bell was born in Edinburgh, Scotland.
- 03/03/1885 The American Telephone & Telegraph Company (AT&T) was incorporated as the long-distance division of American Bell Telephone Company. It became the head of the Bell System on the last day of 1899.
- 03/03/1901 The National Bureau of Standards (now the National Institute of Standards and Technology, or NIST) was created via a law passed by Congress.
- 03/03/1969 AMSAT, the Radio Amateur Satellite Corporation, was formally chartered as a 501(c)(3) educational corporation.
- 03/05/1827 Alessandro Volta died in Como, Lombardy-Venetia, Austrian Empire at age 82.
- 03/07/1876 Alexander Graham Bell received U.S. Patent, No. 174,465 for the telephone.
- 03/07/1926 The first transatlantic telephone call of any kind occurred, from London to New York, using radio-telephone technology. This preceded by almost a year the first "official" call, made on 01/07/1927.
- 03/07/1979 The first open meeting of the Benicia Amateur Radio Club was held at the Youth Activity Center, inducting 11 new members.
- 03/09/1851 Hans Christian Ørsted, discoverer of the relationship between electrical current and magnetism, died in Copenhagen, Denmark at age 73.
- 03/10/1876 Alexander Graham Bell called out to his assistant Thomas Watson, "Mr. Watson, come here! I want to see you", becoming the first transmission of intelligible speech over electrical wires.
- 03/10/1891 Almon Strowger received a patent for the Strowger switch, the first automatic telephone exchange.
- 03/10/1981 The Benicia Amateur Radio Club became affiliated with the ARRL.
- 03/11/1922 Radio station KRE began broadcasting, from the Claremont Hotel in Berkeley.
- 03/12/1933 President Franklin Roosevelt made his first of many "Fireside Chats", over radio, 8 days after his inauguration.
- 03/13/2010 The Martinez Amateur Radio Club became affiliated with the ARRL.
- 03/14/1879 Albert Einstein was born in Ulm, Kingdom of Württemberg, German Empire.
- 03/16/1789 Georg Simon Ohm was born in Erlangen, Brandenburg-Bayreuth in the Holy Roman Empire (present-day Germany).
- 03/20/1800 Alessandro Volta wrote to the London Royal Society to describe the technique for producing electric current using what became known as the "voltaic pile", the first electrical battery.
- 03/22/1952 The first Hamvention took place, at the Biltmore Hotel in Dayton, Ohio.
- 03/29/1941 Joseph Hooton Taylor Jr., K1JT, Nobel Laureate and creator of the weak signal programs WSPR and WSJT, was born in Philadelphia, Pennsylvania.
- 03/30/1978 The most comprehensive overhaul of the amateur radio callsign structure since World War II went into effect, creating the fundamental structure in place today.
- 03/31/1727 Isaac Newton died in Kensington, Middlesex, Great Britain at age 84.
- 03/31/1970 The U.S.'s first artificial Earth satellite, Explorer I, fell back into the Earth's atmosphere after 105 days of operation and over 12 years in orbit.
- 03/31/2006 Amateur radio operators from AMSAT in Germany tracked and received radio waves from Voyager 1 using the 20-meter (66 ft) dish at Bochum. Retrieved data was checked and verified against data from the Deep Space Network station at Madrid, Spain. This seems to be the first such amateur tracking of Voyager 1.
- Mar. 1-7 NIST Weights and Measures Week (<https://www.nist.gov/pml/owm/weights-and-measures-week>)

=====

New Hams:

February, 2025 Report

KO6HKW

Joshua Hansen

Benicia

KO6HOQ	Johnny Aldana	Brentwood
KO6HKZ	Jorge Bejarano	Brentwood
AK6LF	Craig Veilleux	Concord (Extra)
KO6HLF	Spencer Level	Danville
KO6HOT	Alexander Pecson	Fairfield
AK6LB	Dechen Li	Fremont (Extra)
AK6LC	Demin Li	Fremont (Extra)
KO6HKN	Francisco Sierra	Livermore
KO6HMZ	Yiheng Chu	Newark
KO6HNN	Jackson Deaver	Pleasanton
KO6HKP	Nathan Ocampo	San Ramon
KO6HRV	Sarah Finnerty	Union City
KO6HRW	Kevin Finnerty	Union City
KO6HPR	Charlie Gerard	Oakland
KO6HQE	Philip Lewis	Berkeley
KO6HME	Brian Baldetti	Berkeley (General)
KO6HQJ	Scott Schumacher	Albany
KO6HOE	Carol Schumacher	Albany
KO6HPP	Ben Feldman	Albany
KO6HPG	Theodore Woods	Berkeley
KO6HTO	Michael Lee	Berkeley
KO6HQD	Muriel Lamois	San Pablo
KO6HPT	Sam Schumacher	San Pablo
KO6HJJ	Jonathan Schulman	Vacaville

=====

New Upgrades:

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

=====

Question & Answer:

What is a grid locator?

A. A letter-number designator assigned to a geographic location

[Technician Class question pool (2022-2026) no. T8C05 (<https://www.ncvec.org/index.php/2022-2026-technician-question-pool-release>)]

=====

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: mapa@ieee.org
 East Bay Section Website: <https://www.arrleb.org>
 East Bay Section Discord: <https://discord.gg/DNAAfC7hax>
 Pacific Division Discord: <https://discord.gg/TrA4xEv>
 ARRL HQ Help Desk: 888-277-5289 or hq@arrl.org
 Index of Contacts at ARRL HQ: <http://www.arrl.org/contact-arrl>

=====