



THE COASTSIDE COMMUNICATOR

Vol. 58

No. 6 ~ June 2026

www.coastsidearc.org

**NOTE: The June 10, 2026 CARC Meeting will be held on Google Meet
Meeting link will be in an upcoming email**

Meeting Night Talk-In: 441.075MHz, (+) offset, PL 114.8, WA6TOW 70cm Repeater

**June 27, 2026 – 1-Day Only – ARRL / CARC Field Day
Skyline College, San Bruno, CA, Parking Lot P
Setup: 7:00am – Teardown: 8:00pm**



PRESIDENT'S COLUMN

Hello HAM's

The month of June brings us to the ARRL Field Day. The Coastside ARC will set up field day at Skyline College's parking lot P. On College Rd just north of Bering Dr, San Bruno (37.6317, -122.4649). We will be on the air between about 11 AM to 7 PM and will monitor the Coastside ARC repeaters for updates. Members and non-members are encouraged to visit.

Our June 10th meeting will be online only. We will be planning our Field Day equipment and setup. Members who are going to participate with equipment and setup are encouraged to attend, if unable to attend please email carc_info@coastsidearc.org with your plans. Meeting link (same as past meetings) will be forthcoming in an email.

'73
Ralph Kugler, KC6YDH
Club President

CARC MAY 13, 2026 MEETING MINUTES

Call to Order – The May 13, 2026, meeting called to order at 7:35pm by President Ralph Kugler, KC6YDH, at the Pacifica PD EOS Room

Self-Introductions – Introductions by members in attendance

Presentation – Ralph, KC6YDH, suggests a show, tell and ask anything. Anyone can share, talk about or show projects or ask any HAM related questions.

1. Ralph started by showing an Ed Fong 2m/70cm antenna in PVC pipe (DBJ-1 \$55 Ed Fong Antennas) and a 2m/70cm roll-up (DBJ-2 \$60 Ed Fong Antennas), a Diamond X50 2m/70cm antenna (\$99.95 HRO), a single band only (2m or 70cm - \$40-\$60) made by a group that attends the electronics flea market in Santa Clara County. Also showed a "strut" to mount on your house, an SWR meter that is helpful to have anytime you install an antenna. Standard connectors are PL-259, BNC and SMA (usually on HT's).

- Gary-KI6HIG showed a 900MHz antenna (HAM band 902-925MHz). He also has a 1.24GHz antenna and a 10GHz dish antenna.
- Steve-KN6ORM talked about the Quansheng UV-5K radios are capable of doing a FOX Hunt, and making a yagi antenna. PicoFox r3 transmitter mentioned. Suggestion was to make a "tape measure" antenna. He gave a demonstration on DMR radio and its capabilities, DMR Hot Spots for locating a DMR repeater from anywhere in the world. He also mentioned that he has extra coax cable if anyone is interested.

Break – Took a 10-minute break after presentation

Minutes – Motion by Steve-KN6ORM and seconded by Jillian-KN6PIV to approve the minutes of the April meeting as published in the May Coastside Communicator.

Open Discussion – None

Committee Reports

Treasurer’s Report

The Treasurer provided current status of accounts as of May 13, 2026. Tom-KJ6OGL gave report in George’s-KJ6TSX absence.

WA6TOW Repeater

Current status and future plans

New antenna update: Ralph stated that the new mounting bracket it out being coated (plated, galvanized or powder coated???) and should be ready shortly. No word from the installer.

Unfinished Business

- Field Day Planning – Steve-KN6ORM has reserved the same area we had last year at Skyline College for FD, Lot P. Will discuss who brings what equipment and antennas at the June meeting.
- Make PayPal Secure – Possible project by Jon-N6SJF.
- Get new HAMs to join CARC – Steve working with Pacifica CERT. Steve stated that if anyone is interested in helping out from CARC, he’d appreciate it. Question was asked if anyone had done a search on HAM’s in Pacifica and seeing if they’d join the club. Was done in the past with little results. 20260514 Update: I looked up Pacifica HAMs on RadioReference.com that listed 145 ham radio operators. Logged in to QRZ & ARRL, email addresses are not listed.
- Steve suggested using the donated equipment in the RACES room – Still a possibility of using. Equipment needs to be tested for functionality. Possibly Gary-KI6HIG could look at. Also Steve wants to check the existing equipment in the RACES room and test the antennas.

New Business

- CARC has 3 VE’s – We could hold CEC sessions in Pacifica. John-NN6U asked “Should I go ahead and get us

setup as a team on ExamTools and ARRL VEC so we can schedule a session if we decide to? (Or does someone else want to be team lead - I'm just volunteering since I'm familiar with the tools.)” Steve responded “That sounds like a good idea John. Can you join us on the next meeting on next Wednesday (remote or in-person) so we can discuss it. I've been busy with CERT stuff, but intend to take the VE exam soon.”

- Quansheng UV-5K radios have a channel programmed where they can be used in a FOX Hunt
- George, KJ6TSX suggested using a HEX Beam antenna at FD. Steve put his name on the waiting list for the antenna. Out of stock. Not sure if it will be available by FD.
- Frank, N6FG as antennas he’d like to have removed. Does the club want? Ralph will call them and schedule a time to check out what they have.
- FogFest Committee emailed out forms to past volunteers. Steve filled it in and returned. We’ll still manage the radios.

Newsletter

April newsletter has been emailed to Paul-AI6BB for uploading on the website.

Website

April newsletter uploaded to the website. Appears that there was some sort of attack on the website. Paul sent diagnostic info to Jon for review. Does not appear to have damaged the site, just used a lot of RAM & storage utilization.

Adjournment

Motion made by Eric-KO6JRD and seconded by Dave-KF6TWW to adjourn the meeting at 9:30pm. Meeting adjourned.

Present at the Meeting

Officers: President: Ralph Kugler-KC6YDH, Vice-President: Paul Adkins-AI6BB (Google Meet), Secretary: Thomas Oliver-KJ6OGL, Treasurer: KJ6TSX Absent

Members: Steve-KN6ORM, Jillian-KN6PIV, Leandro-KO6NHA, Eric-KO6JRD, Dave-KF6TWW, Frank-N6FG, Gary-KI6HIG, Georgia-KE6KRT, Bharat-W2OKB (Google Meet)

Guests: Nate Hardt – No Call, might be interested in becoming a HAM operator. Steve gave him information on doing the tech license study.

Submitted by: Thomas Oliver-KJ6OGL,
CARC Secretary

In Brief....

ARRL New Book Release: Satellite Operating for Amateur Radio - Ever wanted to operate amateur radio satellites but felt intimidated by tracking the “birds” or unsure about the

equipment needed? ARRL's new book, *Satellite Operating for Amateur Radio*, is now shipping and shows just how approachable, exciting, and rewarding satellite communication can be.

The book pairs perfectly with the [ARRL Dual-Band 2 m/70 cm Handheld Yagi Antenna](#), ideal for making satellite contacts and receiving signals from weather satellites.

Order from the ARRL [online store](#) or through an ARRL [publication dealer](#). ARRL Item No. 2363, ISBN: 978-1-62595-236-3, \$22.95 ARRL member price, \$25.95 retail.

NEWS

Hamvention® 2026 Brings the Amateur Radio Community Together

Hamvention® 2026 drew radio amateurs from around the world to Xenia, Ohio, for a lively three-day celebration of innovation, education, and fellowship. The event featured vendor exhibits, expert-led forums, a sprawling flea market, and numerous social gatherings that highlighted both the technical and community spirit of amateur radio.

ARRL played a major role throughout the weekend, showcasing programs such as Year of the Club, America250, youth activities, and new tools from the ARRL Lab. Attendees explored the latest equipment, connected with leaders and volunteers, and took part in hands-on learning opportunities for both new and experienced operators.

The event also emphasized the future of amateur radio, with youth rallies, college outreach, scholarship presentations, and messages encouraging pathways into wireless technology. Overall, Hamvention 2026 served as a vibrant reminder that amateur radio continues to thrive through shared knowledge, service, and strong personal connections.

ARISS Prepares for Lunar Based Amateur Radio Communications

During their Saturday Hamvention forum presentation, *ARISS: Celebrating 25 Years on ISS and Pioneering New Spaceflight Opportunities for Hams and Youth*, ARISS announced the formation of Amateur Radio Exploration (AREx) and their relationship with NASA that could potentially put an amateur radio presence on the Moon as part of future Lunar missions. AREx is a joint consortium between AMSAT and ARISS.

While nothing is set in stone at this stage, ARISS did speculate on the type of radio setup that could empower amateur radio operators to communicate via the Moon:

- A project titled *CAVIAR*: Communications, Audio, Video, and imaging using Amateur Radio
- Cameras for earth, moon, and vehicle imaging
- Voice, digital, and video supported
- 10GHz and 5GHz links supported by ground station network

- Scalable: change power output and supply for mission profile

'Old-time' hobby may be the future of cutting-edge tech

More than 30,000 people are descending on the Greene County Fair and Expo Center in Xenia this weekend for Dayton Hamvention 2026: the world's largest gathering of amateur radio enthusiasts. And if you think the crowd is comprised of a bunch of retired old men reminiscing about a hobby long past it's prime, think again.

"It's radio. It's cool," said Carsten Glasbrenner, 13, of Brooksville, Fla., who is spending the weekend listening to satellites passing thousands of miles overhead. "You learn a heck of a lot."

Glasbrenner has been involved with amateur radio "since I was born" and represents the future of what the decades-old hobby is all about.

Dayton Hamvention has been bringing together those who participate in the hobby and those who make living working with the latest technology since 1952.

But Hamfest is more than just people sitting around looking at electronics. Jeremy Hong laughs at questions about whether the hobby is a thing of the past. The 31-year-old got involved when he was a teen because he liked tinkering with electronics.

It led him into a career in software defined radio.

Hong now is on his way to a PhD from Wright State University, and owns his own company, Hong's Electronics, which works closely with the defense industry. He attributes a large part of his success to his involvement with amateur radio. "Ham radio's kept up with the times," Hong said. "There's even scholarships for those with a license."

Amateur radio appeals to more than the tech-minded, said Mike Martens, a YouTuber who has traveled from Wausau, Wisconsin, for the last four years to participate in Dayton Hamvention.

"I think amateur radio is a hobby that spans a wide area. If you like tech and building things, if you like exploring, if you like history and culture, it's all there," Martens said.

"You talk to people all over the world."

It's these connections and what comes with them that really keeps amateur radio in the forefront of communications, said Tim Duffy, CEO of DX Engineering.

Duffy said the hobby and events like Dayton Hamvention are excellent ways to network professionally, meet people with varied interests and provide a service if the phone system ever goes down.

Duffy said amateur radio remains a backbone of telecommunications and technology, and can always be used in an emergency.

"This hobby's still very relevant.. This is a powerhouse of technology," Duffy said.

As for the networking, Duffy met his life partner, Sandy, in Germany using amateur radio.

Dayton Hamvention 2026 runs 9 a.m. to 5 p.m. Saturday and 9 a.m. to 1 p.m. Sunday. Amateur radio fans dial in at world's largest gathering in Xenia.

FCC Approves Limited Emergency Use of 70cm Band by AST SpaceMobile Satellites Outside the US – Effective July 1, 2026

On April 21, 2026, the FCC granted AST SpaceMobile limited authorization when not over the United States to use five 50-kHz channels in the 430-440MHz secondary amateur band for emergency Telemetry, Tracking, and Control (TT&C) operations for its planned satellite constellation (DA-26-391 Docket No. 20-201). The authorization applies only for communications with five specified earth stations, each located well outside the United States and for which the foreign administration with jurisdiction also must separately authorize the communications.

More than 2,500 comments were filed during the proceeding including filings from ARRL and other member societies of the IARU, AMSAT, and individual radio amateurs worldwide.

After considering the filed comments, the FCC narrowed the requested authorization to emergency TT&C only and with further provisions.

While the FCC ultimately granted the authorization, it imposed significant limitations in response to the concerns that reduce the likelihood of interference.

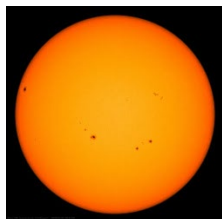
In the US, reports of suspected interference to amateur spectrum can be shared with the ARRL Regulatory Information Manager, email reginfo@arrl.org.

ARRL will oppose any similar unallocated uses of spectrum used by amateurs that might cause harmful interference to amateur services and in particular will monitor this situation.

If there are articles you'd like to see in the Communicator, please let me know. Send messages to: info@coastsidearc.org

The ARRL Solar Report

5/xx/2026



5/28/2026: Solar activity has remained at low levels this past week. The largest event of the period was a C3.4 flare originating from Region 4446.

There are nine numbered regions on the visible disk. Region 4452 showed notable growth and new flux emergence. Region 4450 decayed to plage, though unassociated transitory pores were

observed to its east and west. Region 4443 decayed into a unipolar spot as it approached the west limb following the loss of its leading components. Regions 4453, 4454 and 4455 were numbered during the period. Far-side satellite imagery from Solar Orbiter indicates that Region 4455 is likely a large bipolar group with its trailing opposite-polarity spots still located behind the east limb and was numbered proactively due to its flaring potential. All other regions either continued in slow decay or remained stable.

A faint, potentially partial-halo, coronal mass ejection (CME) first seen in LASCO C2 imagery on May 26 and subsequently in GOES/CCOR1 was analyzed. No obvious on-disk source exists. Modeling suggests a possible glancing blow at Earth on May 31. Additionally, narrow eruptions associated with flaring from newly numbered Region 4444 were seen in SUVI imagery but these features are well northward of the ecliptic plane with no Earth-directed components. No other Earth-directed coronal mass ejections (CMEs) were observed in available coronagraph imagery.

Solar activity is expected to be at low to moderate levels through May 30. There remains a chance for isolated M-class flares (R1-R2/minor-moderate) driven by the eruptive potential of the southeast sunspot groups and newly numbered Region 4454.

Solar wind parameters remained slightly elevated and possibly indicative of weak negative polarity coronal hole high-speed stream (-CH HSS) influences.

Solar wind speeds varied modestly between 350 and 425 km/s. The phi angle was predominantly in the negative sector (towards the Sun), though minor deviations were observed later in the period.

Solar wind parameters are expected to remain mildly enhanced due to weak coronal high speed stream (-CH HSS) influences through May 29. A return toward near-background, nominal conditions is anticipated by May 30.

The 10.7-centimeter flux: May 28 - 29, 140; May 30 - June 2, 145; June 3, 150.

Predicted sunspot numbers: May 28, 104; May 29, 98; May 30, 110; May 31, 93; June 1, 104; June 2, 98; June 3, 110.

A weekly, full solar report is posted on [ARRL News](#).

Coming Events



Earn Your Amateur Radio License with Pacifica CERT and the Coastside Amateur Radio Club

Getting an Amateur Radio (ham) license is easy with the right tools. The tool that we like is hamstudy.org - a free web app that uses flash cards to train you on the ARRL Technician license exam. We estimate that if you give up Facebook for 2 weeks and learn how to use hamstudy.org instead, you will be able to pass the Technicians exam in those 2 weeks.

Another valuable resource is The ARRL Ham Radio License Manual, which is the source book for Technician exam questions.

The Coastside Amateur Radio Club and Pacifica CERT are holding drop-in workshops where we learn how to use these tools to pass the exam and get your ham license. They will be held in the EOC room of the Pacifica Police Department at 2075 Pacific Coast Hwy, Pacifica, CA 94044. The workshops will start at 7pm on April 23rd, April 30th and May 7th 2026.

For more information, please contact Steve Austin at kn6orm@gmail.com

Arv's - WA6UUT (SK) Wednesday Ham Radio Luncheon

Our 18th Year! >> Since May 2, 2007 <<

Black Bear Diner - 415 East El Camino Real, Sunnyvale, California, (Just "North" of South Fair Oaks Avenue on El Camino Real) - 11:30 AM ~ 3:00 PM

Website: www.blackbeardiner.com. Every Wednesday – Not a Club, Closed Group or Clique: Amateur Radio Operators & Friendly People Are Encouraged To Attend! Call in on the N6NFI Repeater – 145.230MHz, PL 100Hz.

QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau 3rd Wednesday of every month, 1909 El Camino Real, Redwood City, CA. No host. 11:00AM to 1:00PM (approx.).

North County Fire Authority CERT Training – For information: <https://northcountyfire.org/home/cert-classes/>



AMATEUR RADIO LICENSE CLASS & EXAM
May 2nd, May 9th & May 23rd
FCC Exams May 23rd 2026

Members from the Half Moon Bay and SC4 Amateur Radio clubs will be conducting a free 2 ½ day Technician Licensing Class on May 2 and May 9, beginning at 10 AM at the HMB Library. There will also be a short half day class on May 23rd (from 10 AM - 11:30) followed by the FCC exams (see below).

To register for the class, please email licensing@hmbarc.org (or if you have questions). See www.hmbarc.org for more info,

We will also hold an in-person FCC Licensing Exam on Saturday May 23, 2026 from 11:30 AM until 2 PM at the HMB Library. All three license class exams will be offered and it is not required that you attend the Licensing class.

To register for the exam, please do so before May 16 using this link: [2026 FCC Exam](#)

Once licensed, amateur ("ham") radio allows you to communicate over long distances without relying on the internet or the cell phone network. It is great for emergencies, outdoor communications, fun and experimentation!

Radio Exams in Millbrae – The Millbrae Amateur Radio Club (MARC), is the only organization that hosts exams every month of the year in San Mateo County. Website: <https://millbraearc.org/>. Exams: First Thursday of each month at 17:30, and ARRL FD Robert Morris, AG6ZZ, President MARC, ARRL VE Team Lead

Plan Ahead:
May 15 – 17 – Dayton Hamvention
October 16 – 18 Pacificon

If you have an event you'd like posted in the Coastside Communicator, please send to: kj6ogl@arrl.net

JUNE PUZZLER

PAUL ATKINS, AI6BB

C F W M O N I T O R E G I O N M T H J O
 A G T W I N L E A D L L A B A N O R O C
 B R S R E X I M B D I G I T A L L A N A
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 N R J V N O I T P R O S B A W I L X O E
 I N V E R S I O N R O T A N I D R O O C

ANSWER TO MAY'S PUZZLER

C Q C K N O I T A L U D O M R E T N I J
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 G I T N U G C N Q N K N Z R A L O S G C
 T B W I B Y W U D O O E U K M Q A G E M

WORDLIST

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| absorption | inversion | sleeve |
| amateur | ion | solar |
| american | line | speech |
| amplifier | local | spurious |
| attenuation | micro | startbit |
| cable | mixer | tap |
| classc | modulate | tip |
| combination | monitor | to |
| coordinator | multihop | tolerance |
| coronaball | open | toroidal |
| deci | parallel | trailer |
| digital | region | tube |
| disturbance | regulation | twinlead |
| element | reradiation | vertical |
| groundloop | ring | vswr |
| half | shack | winding |
| | skywave | |

CELEBRATE



JULY 4, 2026

COASTSIDE NETS

Monday

7:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

Tuesday

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
Daly City Net

8:00 PM on WA6TOW 146.925 MHz, PL
114.8 and KC6ULT 146.865 MHz, PL 114.8
simultaneously, but not linked.
San Mateo County ACS Net

Wednesday

8:00 PM on WA6TOW
146.925 MHz, PL 114.8
Coastside Amateur Radio Club Wednesday
Night Check-in.

Saturday

10:00 AM on WA6TOW
146.925 MHz, PL 114.8
QCWA Ch. 11 NorCal. Net

Sunday:

7:00-7:45 AM on WA6TOW
146.925 MHz, PL 114.8
Knights of the Megahertz Net

Note: All 2m repeater traffic is recorded and
may be replayed at audiostickerburr.net.

CLUB OFFICERS		
Office	Name	Call
President	Ralph Kugler	KC6YDH
Vice President	Paul Atkins	AI6BB
Secretary	Thomas Oliver	KF6OGL
Treasurer	George Salet	KJ6TSX
CLUB STAFF		
Control Officer	Stephen Austin	KN6ORM
Trustee of Club Call	Stephen Austin	KN6ORM
Station Technician	Michael Herbert	WB6JKV
Field Day Coordinator	Stephen Austin	KN6ORM
Membership	George Salet	KJ6TSX
Newsletter Editor	Thomas Oliver	KJ6OGL
Newsletter Publisher	Paul Atkins	AI6BB
Website	Paul Atkins	AI6BB
Emergency Services		

Meeting Notice:

June 10, 2026, 7:30 PM – Google Meet -
<https://meet.google.com/gwi-dqqc-efs>

Watch for Invitation via E-Mail or Contact
CARC_INFO@COASTSIDEARC.ORG to be added



COASTSIDE COMMUNICATOR

EDITOR
P.O. BOX 1106-6106
PACIFICA, CA 94044

FIRST CLASS

TO: