



THE COASTSIDE COMMUNICATOR

Vol. 58

No. 8 ~ August 2026

www.coastsidearc.org

Meetings are returning to the Pacifica Fire Station, 1100 Linda Mar Boulevard, Pacifica on 8/12/26
Meeting Night Talk-In: 441.075MHz, (+) offset, PL 114.8, WA6TOW 70cm Repeater



PRESIDENT'S COLUMN

Hello HAM's.

July was a bit uneventful for the Coastsideside ARC. Looking forward we will again have in person meetings at the Linda Mar Fire Station starting August 12th. Thank you Eric KO6JRD for arranging the new meeting place. We will try streaming the meetings online. The internet connection has been a problem there, but we may have come up with a solution. We also have a set date to install the new VHF repeater antenna, stay tuned for details.

August 1st is the San Mateo County Disaster Preparedness Day. This free event is both educational and informative with presentations and information booths from many organizations. There will also be public safety equipment on display. Google search "San Mateo County Disaster Preparedness Day".

'73
Ralph Kugler, KC6YDH
Club President

CARC JULY 08, 2026 MEETING MINUTES

Call to Order – The July 08, 2026, meeting called to order at 7:33pm by President Ralph Kugler, KC6YDH, on Google Meet

Self-Introductions – Introductions by members in attendance

Minutes – Motion by George-KJ6TSX and seconded by Dave-K1ADD to approve the minutes of the June meeting as published in the July Coastsideside Communicator.

Open Discussion – None

Committee Reports

Treasurer's Report

The Treasurer provided current status of accounts as of July 08, 2026.

Ralph received \$131.00 for selling some of the donated items at the electronics flea-market. Deposited on 7/9.

Received \$600 invoice for campus rental, check mailed on 7/2. Confirmed the bill was paid.

Membership: Total Members: 55, Dues Current: 36

WA6TOW Repeater

Current status and future plans:

Repeater Status – Steve-KN6ORM reported that we lost contact with the PC at the repeater site was lost. The plan is to install a new Telonica device with a better SIM Card and support for digital mobile radio during the upcoming antenna replacement. Ralph figured out how to hook up an 8400 repeater with BrandMeister. Ralph & Steve will get together and hook them up at Steves and run tests.

Antenna Project Status – Antenna tech is currently working on a project for San Mateo County. Should be wrapping up shortly and start installing our new antenna.

Unfinished Business

1. Field Day– Wrap-up – Ralph noted that Field Day was successful, making over 60 contacts despite predicted poor conditions. The event included ten member check-ins, five active operators, and two visiting hams: Tony-K6BV from the ARRL and Reed Graham from the Boy Scouts of America's K2BSA group, and 1 visitor sign-in, Claudia, Leandro's-KO6NHA wife. George described the antenna he used, which was a 66-foot End-Fed antenna elevated on a trailer hook mount, resonant on the 40, 20, 15, and 10-meter bands. Steve wants to replicate the vertical whip antenna that George had mounted in a crate. George said he would forward the information from the designer's website. Anyone that has pictures from FD, please send to Tom. Ralph and George discussed using filters to separate the primary and secondary stations to prevent interference in the future; he noted that these filters cost approximately \$60 per band.
2. HEX Beam antenna status – Steve said he has his name on the list with the antenna company, but doubts we'd get it in time for FD, due to supply chain backorders. As of this meeting, there are no updates.
3. Make PayPal Secure –Paul is working with John to migrate the website to a NextJS framework, which is expected to be more secure and efficient. The new approach aims to eliminate the need for a 24/7 server and will include a button to access PayPal transaction records. They plan to launch the new site within a month. Steve mentioned that we could use Google Workspace.
4. RACES room & Donated equipment – The discussion regarding donated equipment in the

RACES room is closed as the item is a carryover and no longer relevant. Completed -remove.

5. VE sessions? – Steve submitted he VE application.
6. Steve-KN6ORM - suggests we set up a Google Cloud for Coastside ARC. Have Club account login in order to host meetings.

New Business

1. Jon needs room in his storage locker, has 7 boxes of FD supplies – The club will recycle excess equipment, specifically coax cables and guide wires, instead of seeking storage space. Completed – remove.
2. Ralph is proposing CARC share a booth with San Bruno ARC at the SMC Disaster Preparedness Day. After Meeting Update: Ralph reported San Bruno ARC's application was not accepted.
3. Identifying a location for future meetings – Eric is contacting the Linda Mar Firehouse. In contact with North County Fire. George asked if Skyline College has any meeting rooms where we could possibly get interested students to join us.
4. After asking the members present about scheduling speakers for the July meeting, Ralph stated he would look into finding presenters. Steve said he could do a presentation on robotics.
5. Paul mentioned that there used to be a monitoring of the repeater, and the recordings could be accessed from the website. Is this something that should be continued to ensure compliance with good practice? Steve said we will re-instate it eventually, but it is temporarily offline. Should get a web sdr where we don't need a radio.
6. Steve did a Google Gemini search, if you are a 501(c)(3) organization, you can get free Google Workspace for up to 2,000 users. Currently CARC is registered as 501(c)(7). We could access donations tax free. Dave-K1ADD suggested using a service like Rocket Lawer to handle the filing. Costs would be between \$00 & \$825.
7. Dave-K1AAD recently returned from vacation and shared that obtaining radio equipment in Thailand is difficult due to strict regulations, requiring passport registration and specific stickers, and noted that radio equipment is more expensive there than in Japan.

Newsletter

July newsletter emailed to webmaster.

Website

July newsletter uploaded to the website.

Adjournment

Motion made by Eric-KO6JRD and seconded by Dave-K1ADD to adjourn the meeting at 8:33pm. Meeting adjourned.

Present at the Meeting

Officers: President: Ralph Kugler-KC6YDH, Vice-President: Paul Adkins-AI6BB, Secretary: Thomas Oliver-KJ6OGL, Treasurer: George Salet-KJ6TSX

Members: Steve-KN6ORM, Dave-K1AAD, Eric-KO6JRD, Bharat-W2OKB

Guests: None

Submitted by: Thomas Oliver-KJ6OGL,
CARC Secretary

In Brief....

New Santa Clara Valley Section Manager

Tony Dowler, K6BV, of Pacific, California, has been appointed as the ARRL Santa Clara Valley (SCV) Section Manager as of July 1, 2026. Dowler succeeds James Armstrong, NV6W, of San Jose, who concluded his third term as Section Manager on June 30 after serving since 2020. Dowler has been the SCV Affiliated Club Coordinator. He has been licensed since 1981 and holds an Amateur Extra class license. His amateur radio activities include HF operating and DXing. He is also President of the Northern California DX Club and the San Francisco Radio Club. Dowler's term as Section Manager continues through June 30, 2027.

NEWS

FCC Adopts New Rules to Modernize Emergency Alert System and Seeks Comment on Additional Changes

- On June 29, 2026, the Federal Communications Commission (FCC) released a [Report and Order and Further Notice of Proposed Rulemaking](#) (Order and FNPRM) to modernize the Emergency Alert System (EAS) for broadcasters and other EAS participants. Although the Order and FNPRM also makes and proposes changes to the Wireless Emergency Alerts (WEA) system, this client alert focuses on EAS.

The Order adopts rules that require improved cybersecurity measures to safeguard broadcasters from cybercriminals and other security threats. The accompanying FNPRM proposes several steps to bolster EAS reliability, accuracy, and efficiency.

Compliance with the new rules will be required 60 days from publication in the Federal Register, although impacted entities would be well-served by beginning to prepare now. Comments

on the FNPRM will be due 30 days after publication in the Federal Register, with reply comments due 30 days thereafter. Read more – Wiley.law: <https://bit.ly/3T0StoW>

Upcoming: 2026 ARRL Simulated Emergency Test (SET)

- The annual ARRL Simulated Emergency Test (SET) will be held October 3-4, 2026. The September 2026 issue of QST will include a one-page announcement for this year's test. As always, local and Section SET teams are encouraged to conduct their exercises on another date throughout the autumn season (or practically any date throughout the calendar year) if those dates happen to be better for their group, groups, or Section and served agencies with which they are working.

The nationwide exercise is the chance to test your personal emergency operating skills and the readiness of your communications equipment and accessories in a simulated emergency deployment.

ARRL Field Organization leaders at the Section and local levels, and many other volunteers who are active in public service and emergency communications, are developing scenarios in consultation with a variety of served agencies and organizations.

Station readiness, personal training, and practice are tenets of the Amateur Radio Service. Any time we spend on the air contributes to developing and practicing our personal radio communication capability.

More information is available at www.arrl.org/simulated-emergency-test.

Settling The Debate On Soldered Versus Crimped High-Current Connectors

- For some reason there's heated debate around the topic of whether high current carrying wiring ought to use crimped or soldered connections, even though the industry standard is to crimp everything. As a practical demonstration of why this is the case, [Will Prowse] set up a test involving a rig capable of dispensing a few hundred amps through both a crimped and a soldered copper cable.

Prior to making things go spicy, [Will] made sure to check the resistance of the two cables, noting that the soldered version had significantly lower resistance than the crimped connectors. This could be one metric that proponents of soldered connectors can point to as a benefit.

Of course, the main benefit of crimping is that you create a cold weld if crimped properly, which is a solid-state welding process that effectively blends two metal surfaces together. This is also why wire wrap is generally considered to be so very reliable, as it creates a gas-free, solid connection that does not rely on a softer, dissimilar material like solder to hold things together. Of note here is also that the cold weld process tends to continue for a while, so this kind of connection is likely to get better over time.

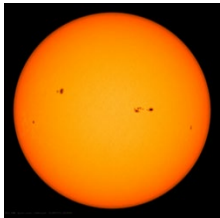
In the subsequent testing this difference is demonstrated quite well, especially when both cables are subjected to the sort of mechanical abuse that would be expected in an installation,

such as vibrations and direct impacts. Here the soldered connections quickly begin to fail, resulting in one soldered connector even unsoldering itself due to heat development. Ultimately cold welding is simply superior over relying on a flimsy and capricious interface of intermetallic compounds.

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

7/24/2026



7/24/2026: Solar activity continued at moderate levels as Region 4493 produced an M3.6 flare on July 22, which was the largest event of the period and was associated with a 10.7-centimeter radio burst of 200 solar flux units (sfu). Additionally, 4493 produced

a C3.4 flare on July 22, which was associated with another 10.7-cm radio burst of 150 sfu.

Region 4493 continued to undergo consolidation in its leading and trailing spots, but showed signs of new flux emergence in its intermediate area during the early hours of the reporting period. Region 4494 developed new, simple spots, but remained uni-polar. The remaining two numbered active regions were relatively stable and quiet.

A filament eruption NW of Region 4493 on July 21 was modeled and assessed to be at least partially Earth-directed. While modeling efforts suggest that a bulk of the material should pass north and ahead of Earth's orbit, this is low confidence given the faintness of this event in Sun-Earth line-focused coronagraph imagery and compounded by likely interaction with the coronal hole in the vicinity of the source location.

Additional M-class flare activity (R1-R2 radio blackouts) is likely through July 25 primarily due to the flare potential currently exhibited by AR 4493.

Solar wind parameters were mildly enhanced under a sustained negative polarity coronal hole high-speed stream (CH HSS) regime and a possible secondary Co-rotating Interaction Region (CIR). Solar wind speeds were roughly between 400 and 482 km/s.

The current regime is expected to largely continue through July 25. Additional enhancements are possible beginning late on July 23 due to a coronal mass ejection (CME) that left the sun on July 20, with stronger enhancements arriving by early on July 24 with the arrival of the aforementioned CME event from July 21.

The 10.7-centimeter flux: July 23 - 24, 130; July 25 - 26, 125; July 27, 120; July 28 - 29, 118; July 30, 115.

Predicted sunspot numbers: July 23, 100; July 24, 93; July 25, 106; July 26, 88; July 27, 110; July 28, 81; July 29, 115.

A weekly, full solar report is posted on [ARRL News](http://arrl.org).

Coming Events

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

Our 19th 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/>

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:

Pacificon - October 16 - 18, San Ramon, CA

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



CARC WA6TOW Sign - FD 2019

Thank you Mike-KB6WFC

**CARC 2026 Field Day
Skyline College, San Bruno**



Waiting for the official start time
N6SJF, KJ6TSX, KJ6OGL



WA6TOW Meeting & Operating Area
Skyline College Parking Lot P



KJ6TSX antenna setup
66-foot End-Fed 40, 20, 15, & 10-meter bands



Ralph-KC6YDH portable setup



KC6YDH & N6SJF chatting

Tony Dowller K6BV



ARRL SCV Sec. Mgr.
Making his FD Rounds
At San Bruno ARC
Visited us at Skyline

JULY PUZZLER

PAUL ATKINS, AI6BB

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

WORDLIST

american	geomagnetic	radio
antipode	groundplane	ray
band	groundwave	refract
bandplan	henry	root
beacon	hertz	rotator
converter	hop	sdr
coronaball	interface	series
correction	limiter	services
decoding	linear	sleeve
demodulate	load	spurious
dielectric	maximum	spurs
digital	modem	standing
drop	modulate	tap
electronic	mount	trailer
examiner	ocf	turnratio
flipflop	phone	twotonetesting

ANSWER TO JUNE'S PUZZLER

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



To ALL U.S. Workers
September 7, 2026

2026 CARC MEETING/EVENT SCHEDULE

Date	Event
Jan 14 th	CARC Meeting - 2026 Event Planning
Jan 24 th - Jan 25 th	Winter Field Day
Feb 11 th	CARC Meeting - 2025 Agenda Final – APRS Presentation
Mar 8 th	Daylight Savings Time Starts
Mar 11 th	Zoom Meeting – Invite Will Be Emailed
Apr 8 th	Pizza Meeting – Linda Mar Round Table
Apr 26 th	HMBARC Dream Machines - HMB Airport
May 13 th	CARC Meeting - Field Day Planning
June 10 th	CARC Meeting -Final FD Planning
June 14 th	Flag Day
Jun 27 th - June 28 th	ARRL Field Day – Skyline College
Jul 8 th	CARC Meeting
Aug 12 th	CARC Meeting
Sep 9 th	CARC Meeting - Fog Fest Planning
Sep 26 th - Sep 27 th	Pacific Coast Fog Fest - Palmetto Ave., Pacifica - 10am - 6pm
Oct 14 th	CARC Meeting – 2027 Nomination of Officers
Oct 16 th - Oct 18 th	Pacificon 2025 - San Ramon Marriott
Nov 1 st	Daylight Savings Time Ends
Nov 14 th	CARC Election Banquet - Election of Officers – Location TBD
Dec 9 th	CARC Meeting - Holiday Potluck

** Meetings are held at 7:30pm at Pacifica Fire Station #72 (Linda Mar), 1100 Linda Mar Boulevard, Pacifica, CA 94044, unless otherwise stated. If possible, meetings will also have a Google Meet component.*



www.smcready.org
cert@pacificapolice.org

**COASTSIDE AMATEUR RADIO CLUB****Join the Coastside Amateur Radio Club (CARC)**

The Coastside Amateur Radio Club (CARC) is a welcoming, ARRL-affiliated community of amateur radio enthusiasts. Since 1959, we've been serving Pacifica and the surrounding Bay Area providing vital emergency services to the City of Pacifica.

We invite you to join our monthly meetings, which are held on the **second Wednesday of each month at 7:30 PM** at the Pacifica Police Station, 2075 Coast Highway. Visitors are always welcome, so please stop by! We recommend checking the **Coming Events** page on our website, www.coastsidearc.org for any schedule changes.

Membership dues are \$20 per year, which helps support the club and repeater system.

CARC maintains a robust repeater and digipeater system on the North Peak of Montara Mountain (1900 ft. elevation), providing excellent coverage for the Coastside and beyond.

2-Meter (Voice)
Frequency: 146.925 MHz
PL Tone Mode: TSQ

Callsign: WA6TOW/R
Offset: -600 KHz
PL Tone: 114.8 Hz

APRS Digipeater
Frequency: 144.390 MHz

Callsign: WA6TOW-2

70 cm (Voice)
Frequency: 441.075 MHz
PL Tone: 114.8 Hz

Callsign: WA6TOW/R
Offset: + 5.00 KHz

CARC/Pacifica OES VHF Simplex:
146.535 MHz PL 114.8 Hz

VHF Nets

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 20:00 hrs. for membership check-ins, notices, and QST's.

HF Net

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.

Nets held on these repeaters must comply with the rules as set forth by the FCC, with at least two or more participants.

The **COASTSIDE COMMUNICATOR** is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor. This newsletter contains material from The ARRL Letter as permitted by the American Radio Relay League.

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66 years



of service

56 years



of affiliation

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:

August 12, 2026, 7:30 PM Firehouse & Google Meet

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



COASTSIDE COMMUNICATOR

EDITOR

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FIRST CLASS

TO: