



THE COASTSIDE COMMUNICATOR

VOL. 49, No. 8

AUGUST 2017

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings!

First, a huge thank you to those who contributed to our July meeting ice cream/pie social: Walt provided the ice cream and fixings; Roy and Mary Ellen brought pie; Carmel contributed lemon bars to the mix; and Bob lugged in a small oven for heating the pie. And a good time was had by all.

Twenty-two members attended the meeting. Interestingly, since only about half of those present actually ate pie and ice cream, I have to think it was the opportunity to socialize after the business meeting that brought out so many members. I actually chose this Club because its members were friendly, always willing to share experiences and provide support for new members. I especially enjoy a short business meeting followed by a significant opportunity to socialize and catch up with fellow members. That's not to say that the presentations and occasions to learn from those willing to offer their expertise are not equally valuable. This mix seems to be what we want as a Club.

Speaking of presentations, our August meeting will conclude with a Back-To-School Night presentation by Roy Brixen on Reading a Schematic, Part 2. To be prepared, be sure to follow Roy's instructions (provided in an email to the membership) and download the text booklet for review in advance of the meeting.

A thank you to those of you who volunteered to assist with the July 29 Devil's Slide Ride. The Pacifica Fog Fest on September 23 and 24 provides another upcoming opportunity to volunteer your communication skills. If you're available, please contact Frank Erbacher.

See you at the next meeting on August 9.

73,
Mary Ellen-AJ6J
Club President



August Meeting is
Back to School Night

Reading a Schematic
Part 2

JULY MINUTES

The July 12th meeting was called to order at 7:31pm by: President Mary Ellen Scherer-AJ6J, at the Linda Mar Fire House in Pacifica.

Self introductions by the members present followed.

Motion made by Bob Barbitta-W6LOG and seconded by Bill Lillie-N6BCT to approve the July Minutes as posted in *The Coastside Communicator*. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

FUNDS

The Treasurer, Frank Erbacher-N6FG gave financial report: General Fund: approximately \$15K.

Financials not accurate, missed checks from last month. Frank stated there is a problem with the formulas in the spreadsheet and has asked Dave Rinck-K6DMR to help correct the file. Approximately \$800 in Field Day Expenses year due to extra days/costs for rental van. Will be looking into different options for next year.

Bills needing approval

None

CORRESPONDENCE

None

MEMBERSHIP

Club membership is 60. ARRL membership is 83%. No change from last month.

COMMITTEE REPORTS

REPEATER

1. Update on status of WA6TOW repeater from Dave Rinck K6DMR. Repeater is still working. Casey-N6TZE & Dave-K6DMR went up the hill and checked the system and defaulted to have PL on so there are no issues connecting to the repeater. Charging system is working fine and properly charging the batteries. Batteries are fully charged.

Repeater cont.

2. Update from Repeater Replacement Committee chair Roy Brixen-KE6MNJ. The power system design 1st draft is out to the power team for review, mistakes, and corrections. Once Roy receives approval, then purchases can be made. Next step will be for the radio committee to get together and put the system together and working at its safe location, then move to its test location for further testing. Casey stated that software will need to be purchased.

AUTO PATCH

No Report

DIGIPEATER

No Report

APRS

APRS is down again and needs to be fixed.

EMERGENCY SERVICES

No Report

FIELD DAY

Frank thanked all who came and helped with setup, operating and tear down. Need more operators throughout the day & night. Did not put up the 15m antenna as Chris W6EZE brought up a vertical pop-up tunable antenna that covered all the bands. Frank apologized for not taking pictures. Dave K6DMR and Dave Conroy-KM6CPF took a few. Please forward pictures to our webmaster Scott Mercer KI6SEJ so they can be posted on the website. Frank stated that next year will be more efficient as he will take more of a leadership role and designate duties. Dave Rinck- K6DMR stated that the gentleman with GGNRA was there and greeted everyone and thanked the Club for all we do. No issues with the gate/lock.

EMERGENCY SERVICES

No Report

FOG FEST

Has not sent out info yet. Will be on the 4th weekend of September, 23rd & 24th. Frank is asking for volunteers. He will be gone most of August, so needs to get info out soon.

NEWSLETTER

Published

WEBSITE

Discussion at last meeting stating that a lot of info is outdated. Mary Ellen-AJ6J has contacted Scott-KI6SEJ. He currently has some family concerns that are taking his time. He will update when he can. Mary Ellen will keep in contact with Scott.

NET SCRIPT

Waiting for a proposed revision from the Net Script Committee. Josh's work/school schedule is keeping him busy and the Net Script Committee has not met to make revisions. Mary Ellen AJ6J suggested we could agree to using the shortened version from Dave Chamberlin AE6C until someone comes up with one that is better or shorter. Mary Ellen asked for a motion to accept the version from Dave AE6DC. Bob Barbitta W6LOG made the motion & Casey Villyard N6TZE seconded the motion. Motion was passed by unanimous vote of the membership present. She will also contact Scott about getting it posted on the website.

UNFINISHED BUSINESS

Membership Recruitment – From the May meeting; “A suggestion was made by Roy Brixen-KE6MNJ to extract data from the FCC or QRZ websites on new hams in the area and send information to them about the club. Tom-KJ6OGL said that he could take on that task.” Discussion followed on the data collected and how & what to do with that data. Suggestions were made about sending postcards or some form of “snail mail”. Mary Ellen stated that this could get rather expensive. Other suggestions were to contact HRO, put info on the BAEARS website and sending an email to ARRL. Decided to table until next meeting for further review and discussion.

NEW BUSINESS

Casey stated that the PARCA Devil's Slide Ride is on July 29th and needs volunteers for aid stations, SAG & SAG Shuttle and Water Station. July 23rd is the San Francisco Marathon. If interested contact Casey Villyard at N6TZE@arrl.net. Frank needs the receipts from Field Day for reimbursement. Armetta Parker-KK6WRH stated that Casey had recruited her and Geoffrey Mathews-KK6WNL to the club. They have their membership application and asked who to give it to.

ADJOURNMENT

Motion made by Casey Villyard-N6TZE and seconded by Bob Barbitta-W6LOG to adjourn the meeting at 8:13p.m. Meeting adjourned.

Proceed to Fox Hunt Antenna Build and Pie & Ice Cream Social. Steve Paganelli had his “Tape Measure” Yagi antenna with him for example and offered to help anyone that needed it. Dave Conroy-KM6CPF was the only other person that brought theirs. Steve stated that there will probably be a demo at the September meeting. Motion was passed by unanimous vote of the membership present.

PRESENT AT THE MEETING

The following Life Member has become a Silent Key:
Roger Spindler-WA6AFT

Officers: President: Mary Ellen Scherer -AJ6J, Vice-President: absent, Secretary: Tom Oliver-KJ6OGL, Treasurer: Frank Erbacher-N6FG

Members: Bob Barbitta-W6LOG, Paul Atkins-AI6BB, Georgia Grant-KE6KRT, Dave Conroy-KM6CPF, Chris Icide W6EZE, Audrey Villyard-WA3KPS, Casey Villyard-N6TZE, Walt Long-KG6EDY, Steve Paganelli-K6YUA, William Anderson-KM6HYK, George Salet-KJ6TSX, Dave Rinck-K6DMR, David Chamberlin-AE6DC, Roy Brixen-KE6MNJ, Bill Lillie-N6BCT, Carmel Gallagher-KJ6ERS, Dave Lawrence-KF6TWW, Geoffrey Mathews-KK6WNL (new member), Armetta Parker-KK6WRH (new member) both from Pacifica CERT

Submitted by: Tom Oliver-KJ6OGL



NEWS

*BACK TO SCHOOL NIGHT***CARC Back-to-School Night**

August, 2017

Reading A Schematic—Part 2

Pre-Meeting Assignments

So, this year, we're going to attack a more complicated schematic diagram. We're going to look at the schematic diagram of the world's first all-transistor AM radio--the Regency TR-1—and do a DC and an AC analysis of the circuit diagram. The radio is a master piece of 1954 RF and audio circuit engineering using TI NPN germanium transistor technology—all four of them plus one solid-state diode. But, before the August meeting you need to get your text booklet. Go to the following URL and download and print the eight-page Regency TR-1's Technical Data and Service Notes manual.

http://www.regencytr1.com/images/TR-1_tech_serv_man.pdf

BTW, you might want to go to <http://www.regencytr1.com/> and review the entire website. There is a treasure of early transistor radio history on this site.

Once you get your text booklet downloaded and printed, read pages two and three so you get an idea of what each stage does and how it does the job. Then turn to the parts list/schematic diagram on page 7. In preparation for the August meeting, try to draw the DC current paths through each of the four transistor stages. I don't care if you use

electron flow or conventional current flow, just try to draw in a current path from the 22.5 volt battery through each transistor including a path for emitter current, base current, and collector current. Remember from last year that capacitors are considered open circuits for DC, coils are considered short circuits for DC, resistors limit DC current and drop DC voltage, and the emitter current is the sum of the base current plus the collector current.

Bring your booklet to the club meeting in August and, if you have about \$3k of spare change in your checking account, you might be able to buy a TR-1 (as is) on EBay--America's most profitable recycling center. Happy shopping and remember, always tune for maximum smoke!!!!

***PACIFIC COAST FOG FEST
SEPT. 23RD & 24TH 2017***

We again need volunteers to help the Fog Fest organization by acting as radio dispatchers and handling questions. We assign and track their commercial radios. We assist in locating personnel and supplies using those radios. If you have participated before, please consider volunteering again this year.

For first timers who might be a bit nervous about stepping up, an experienced person will be with you for at least a portion of your time ensuring that you are comfortable with the process. We do try to have two persons on each shift so there are breaks and a chance tour the event. Shifts are limited to 2 hours or less if possible.

This is a fun event, and it gives you great experience honing your skills for communicating in emergencies with amateur radio equipment. More information will be forwarded to you once you volunteer.

The CARC receives a portion of the event proceeds which are divided among all the community groups that participate. Our portion is placed into our EOC/Public Service Fund to assist in our public outreach, emergency preparedness, any needs in the Radio Room at the Police EOC, Field Day expenses, repeaters and other needs that exceed CARC's membership and repeater funding.

This is a Win-Win situation so please contact me soon as possible.

Frank Erbacher N6FG N6FG@ARRL.NET

Cell 650-464-3870 Home Message 650-355-4355



ARRL UPDATE

ARRL President Issues Call for Members to Reach Out to their Senators to Support S. 1534

ARRL President Rick Roderick, K5UR, is calling on League members to urge their US Senators to support the [Amateur Radio Parity Act](#) of 2017, S. 1534. ARRL has opened a [RallyCongress page](#) to simplify the task.

"[W]e are at a crossroad in our efforts to obtain passage of The Amateur Radio Parity Act," Roderick said. He said the campaign to secure passage of the bill scored a major victory earlier this year when H.R. 555 passed unanimously in the US House of Representatives. Obtaining passage of the companion Senate bill, S. 1534, is the final legislative hurdle.

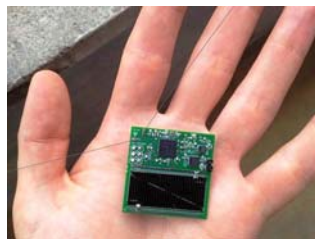
"Now is the time for all hams to get involved in the process!" Roderick said. "Many of you already live in deed-restricted communities, and that number grows daily."

He urged radio amateurs now restricted by a homeowners association from installing effective outdoor antennas to visit the RallyCongress site and e-mail their two US senators. He also encouraged those not currently affected by deed covenants, conditions, and restrictions (CC&Rs) to support their fellow radio amateurs by if you want to help create an opportunity -- not available before now -- for Amateurs who live in deed-restricted communities to install effective outdoor antennas on property that you own or lease, send these e-mails today!" Roderick said. "We need you to reach out to your senators today. Right away."

S. 1534 was introduced in the US Senate on July 12, marking another step forward for this landmark legislation. Senators Roger Wicker (R-MS) and Richard Blumenthal (D-CT) are the Senate sponsors. The measure will, for the first time, guarantee all radio amateurs living in deed-restricted communities governed by a homeowners association (HOA) or subject to any private land-use regulations, the right to erect and maintain effective outdoor antennas at their homes, while protecting the aesthetic concerns of HOAs.

Tiny "Sprite" Satellites Deployed, Transmitting on 70 Centimeters:

According to Scientific American, six tiny "Sprite" satellites, each consisting of a 4-gram circuit board packed with electronics, were deployed in late June. The Sprites are the brainchild of Zac Manchester, KD2BHC, whom Scientific American interviewed for the [article](#). The Sprites went into low-Earth orbit as secondary payloads on the Latvian Venta and Italian Max Valier satellites, launched from India. Signals on 437.325 MHz from at least one of the exterior-mounted Sprites have been received in California and



New York. Manchester launched 104 Sprites into orbit in 2014 aboard KickSat-1, but they failed to deploy.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY (EX-AB2CA, KE2XB, N2CLO, WB2MAM, WN2MAM)

OK, as you can probably guess, with all the recent attention on the Vanity Call Sign System, not to mention the half dozen calls that I've held in the past 27 years, this month's Wayback Machine is going to focus on callsigns in amateur radio history.

Prior to 1912, getting a callsign was easy, just make one up and get on the air. Legend has it that's how the word "ham" came to mean amateur radio-the letters H-A-M were in fact the initials of the three operators of a powerful station in the early 'teens. With the passage of the Radio Act of 1912, the first licenses were issued. Callsigns at that time for "private stations" (amateurs) consisted of a number followed by two (later three) letters, i.e. 1AW, 1TS, 8XK etc.. Other countries adopted this system. This was adequate in the early, spark days of amateur radio, but as the shortwaves were developed, and c.w. became universal, problems appeared. Dave Sumner, Executive Vice President of the ARRL, and Trustee of NU1AW, the station of the International Amateur Radio Union, picks up the story.

"When transoceanic amateur communication started becoming commonplace in 1924, a problem immediately became apparent: call signs were all of the "one numeral followed by two or three letters" format, with no built-in means of determining who was where. At first, an informal system of prefixes (called "intermediates" at the time) was used by amateurs where "a" stood for Australia, "b" for Belgium, "c" for Canada, "f" for France, "g" for Great Britain, "j" for Japan, "u" for United States, "z" for New Zealand, etc. The single-letter system was fine until it became apparent that Amateur Radio was spreading to too many countries for this system to accommodate.

In January 1927 QST, a new intermediate list was unveiled as the work of the Executive Committee of the International Amateur Radio Union. The new list took effect at 0000 GMT (UTC) February 1, 1927. It was a two-letter system with the first letter indicating the continent (E for Europe, A for Asia, N for North America, F for Africa, etc.) and the second letter indicating the country (mostly following the old system). Thus, stations in the 48 United States used the intermediate "NU."

The new system was quickly overtaken by events. The regulations adopted by the Washington International Radiotelegraph Conference later the same year included the allocation of a series of "call signals" such as K, N, and W for the United States, and mandated that stations have a call signal from the series.

The Washington regulations were to become effective on January 1, 1929, but August 1928 QST noted that Canadian amateur calls had changed to VE in April and September 1928 QST announced the effective date of October 1, 1928, in the United States for the W prefix (K outside the 48 states). Thus,

Wayback Machine cont

United States amateurs sported voluntary NU prefixes for just 20 months before they became Ws.

The founding president of the International Amateur Radio Union was, of course, Hiram Percy Maxim, 1AW, who remained in that office until his death in 1936.

The call sign NU1AW commemorates HPM and the IARU's creative, if short-lived, solution to the problem of international identification of stations.

As trustee of NU1AW it is my intention to use the call sign as a "permanent special event station" operating in connection with World Telecommunication Day, significant IARU anniversaries, the IARU HF World Championship, and other events that will call attention to the contributions of the IARU to organized Amateur Radio.

73, David Sumner, K1ZZ

(My thanks to K1ZZ for allowing me to reprint the above).

Thus, the callsign structure was set up for the rest of the '20's and the 1930's. Stations in the 48 States had a 1x2 or 1x3 callsign beginning with "W" and containing a numeral from 1 to 9. Stations in Alaska, Hawaii, or other U.S. Possessions had a "K" prefix. Incidentally, note that I said 1 thru 9; this is because the numeral -0- WAS NOT available to amateurs at that time. As a result, the callsign districts had different boundaries than they do today; for example, the western sections of New York and Pennsylvania were in the 8th call district then, as opposed to the 2nd and 3rd today.

When amateur radio resumed after World War II, the increased number of amateurs necessitated the addition of the tenth call district and the numeral -0-. Except for the redrawing of the boundaries, things remained the same until 1951-53.

In 1951, the FCC eliminated the old Class A, Class B, and Class C licenses, and replaced them with the Novice, Technician, Conditional, General and Extra Class licenses. (What happened to the Advanced Class? The Wayback Machine will tell you in a few months). With this change came the first "distinctive" callsigns. Novices, who at that time could only get a one year, non renewable license, had a special 2x3 callsign with the letter "N" following the "W"; i.e. WN2ODC, WN6ISQ etc.. When they upgraded, the "N" would be dropped.

This system barely had a chance to settle in before the next change hit in 1953. Due to the increase in the number of amateurs, the FCC was running out of "W" 1x3 callsigns. So 1x3 "K" calls began to appear in the 48 states, with the U.S. Possessions receiving 2x2 and 2x3 "K" calls, such as those issued today. Novice calls in the 48 states continued to have the distinctive "N" (such as KN4LIB) which disappeared upon upgrading.

Barely 5 years later, the growth of amateur radio, particularly in the 2nd and 6th call districts, caused another problem for the FCC, they were running out of "K" and "W" calls. So, in 1958, the FCC began issuing 2x3 "WA" calls, to be followed by "WB" when necessary. For some reason, Novices under this new system were given "WV" instead of "WN" as their prefix. The "V" would change to an "A" or "B" upon upgrading. (After only a few years of this, the FCC decided that their original idea was better, and went back to the Novice "N" prefix). With the uneven amateur population in the ten

call districts, it took time for the "K" calls to run out in the other areas. As late as 1964, you could still get a "K" call in the 1st, 3rd or 7th call areas, while the 2nd and 6th districts were well into the "WB"'s.

The 60's had some other callsign oddities. For a period of time, you could hold BOTH a Novice and Technician Class license simultaneously; the FCC gave you 2 callsigns at once (such as WA/WN2ORS) and you used the appropriate call based on the amateur band and your privileges on it. The FCC also allowed you to have two calls if you maintained two homes in separate call areas; for example, Senator Barry Goldwater, K7UGA, also held K3UIG which he used while he was in Washington. (In theory, under this system, an amateur could hold four callsigns if he/she had a Novice/Technician license and two separate addresses).

Except for the Novice and the distinctive "N", there was no way under this system to tell what class of license an amateur held. As older hams became Silent Keys and the number of available 1x2 calls slowly increased, the FCC instituted a program whereby those who held an Extra Class license for more than 25 years would be eligible for a 1x2. The length of time one needed to be an Extra was gradually reduced, until July 1977, when any Extra Class could apply for a 1x2.

There was one block of callsigns that were unavailable to ANY amateur, regardless of license class. These were calls in which the suffix began with "X", such as W1XW, W3XCV, WB6XXK etc.. The FCC reserved these calls for experimental stations; for example, W2XB, W2XOY, W1XMN and KE2XCC were originally callsigns of early TV and FM broadcast stations. While the FCC has relaxed their position on the 1x2 and 1x3 "X" suffix calls, the 2x3 callsigns (such as KA6XYZ) are still reserved for experimental use.

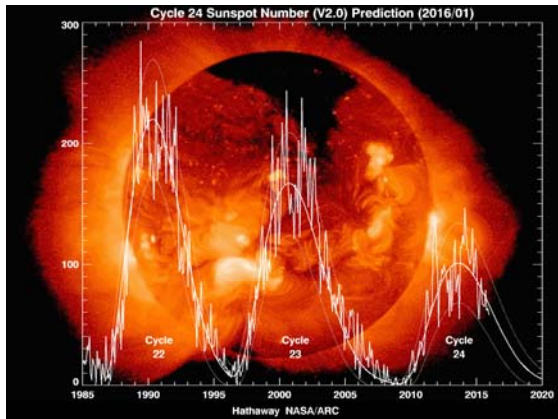
By the mid 70's the 2nd, 4th, 6th and 8th call areas had run out of "WB"'s. For a period of time, the FCC recycled older "WA" and "WB" calls that had been vacated, but when those ran out, they went to "WD"'s. Before the "WD" prefix could become popular, however, an incident occurred that would change the whole callsign structure.

In early 1977, an FCC employee was indicted for taking bribes offered by amateurs wanting special callsigns. He was convicted and sent to jail. Partly as a result of this scandal, the FCC on February 23, 1978, adopted the callsign structure we have in place today. For 18 years, until the opening of the Vanity System, it had been impossible to request a specific individual or club call. Given the passionate love affair that some of us have with our calls, the FCC stands to make millions.

So, as you contemplate the call of your dreams, Form 610V in hand, take a moment to tune in NU1AW and work a piece of history. Meanwhile, the Wayback Machine is preparing for it's next journey to another moment in amateur radio history. I hope you're on board.

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SOLAR UPDATE



The K7RA Solar Update

ad Cook, K7RA, Seattle, reports: At 0549 UTC on August 3, the Australian Space Forecast Centre issued a warning to "expect an increase in geomagnetic activity up to active to minor storm levels, due to influence of the recurrent coronal hole," on August 4-5 UTC. The Centre said the increased geomagnetic activity was expected due to "coronal hole high-speed wind stream" on both days.

More zero-sunspot days appeared over the past week, but fewer than during the previous week; in fact, the average daily sunspot number increased from 1.7 to 5, and average daily solar flux went from 69.7 to 71. Both are very low numbers.

We saw the average daily planetary A index go from 11.9 to 5, and the average daily mid-latitude A index (measured in Virginia) decline from 12.9 to 6.

These numbers are generally good for HF propagation, being lower, but for the best HF propagation, we like sunspot numbers and solar flux as high as possible.

Predicted solar flux is 75 on August 3; 78 on August 4-10; 75 on August 11-13; 73 on August 14; 70 on August 15-26; 78 on August 27-29, and 75 on August 30-September 9.

Predicted planetary A index is 5 on August 3-4; 25, 12, and 8 on August 5-7; 5 on August 8-16; 15 on August 17-18; 12 on August 19; 10 on August 20-22; 5 on August 23-26; 12, 10, 8, and 5 on August 27-30; 25, 18, 12, and 8 on August 31-September 3; 5 on September 4-12, and 15 on September 13-14.

Sunspot numbers for July 27-August 2 were 0, 0, 12, 11, 0, 0, and 12, with a mean of 5. The 10.7-centimeter flux was 68.3, 69.5, 69.9, 69.5, 72.2, 73.5, and 74.4, with a mean of 71. Estimated planetary A indices were 6, 7, 4, 4, 3, 6, and 5, with a mean of 5. Estimated mid-latitude A indices were 8, 7, 4, 3, 2, 10, and 8, with a mean of 6.

COMING EVENTS

Pacifica CERT (Community Emergency Response Team) For training and information

<https://pacificacert.samariteam.com/RequestInfo.aspx>
email: <mailto:cert@pacificapolice.org>

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).

ASVRO Silicon Valley Electronics Flea Market

2nd Saturday of each month from March through October.
De Anza College in Cupertino, CA. 7AM to noon
Web Page: <http://www.electronicfleamarket.com/>
Talk-In: W6ASH 145.27- (100Hz PL)
N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

Bay Area Educational Amateur Radio Society

Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00

When: See Website

Where: See Website

Registration required, class size is limited.

Web Page: <http://www.baears.com/> for info and registration.
Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group

First and third Saturdays of each month, 8AM-11:00AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
Fee: \$15

Walk-ins only, No pre-registration

Web Page: <http://www.svve.org>

Sunnyvale VEC Exam Sessions

Fee: \$15 Cash

Cut-off-time, 30 min. after starting time.

Exam: changes, directions, call (408) 255-9000 24/hr

Web Page: <http://www.amateur-radio.org>

Sat	Aug 12th	Sunnyvale, CA	10:30	AM
Sat	Aug 19th	Redwood City, CA	10:30	AM



Online Practice Exams

Within the practice tests, online study resources, (Wikipedia, NASA, ARRL, etc.), are provided for many of the questions. The list of resources available for each question is constantly growing because users can add their own favorite links to the study materials. Users can also track their test scores over time and see which sub-elements are giving them the most trouble. Practice Tests <http://copaseticflow.blogspot.com/>

CARC MEETING/EVENT SCHEDULE

Jan 11th	2017 Agenda Planning, LM Fire Station
Feb 8th	Agenda Final, LM Fire Station
Mar 8th	Meeting Night, Pizza Night, LM Round Table
Mar 12th	Daylight Savings Time Begins
Apr 10th	Pixi Wrap-Up Mtg, LM Fire Station
Apr 20th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 30th	Dream Machines, El Granada
May 10th	Field Day Planning Mtg, LM Fire Station
Jun 14th	Field Day Planning Mtg, LM Fire Station
Jun 24-25	CARC Field Day, Sweeney Ridge
Jul 12th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 29th	Devils Slide Ride, PARCA Bike Event
Aug 9th	Back to School Night, LM Fire Station
Sept 13th	3-D Printing for \$300 or less, LM Fire Station
Sept 23-24	Pacific Coast Fog Fest, Pacifica
Oct 11th	2018 Officer Nomination , LM Fire Station
Nov 5th	Daylight Saving Time Ends
Nov 11th*	Election Dinner, Nick's, Rockaway Beach
Dec 13th	Holiday Potluck Dinner Meeting, LM Fire

? to be determined # updated ---- canceled * tentative date



www.smcready.org
cert@pacificapolice.org



In Memoriam



Roger G. Spindler-WA6AFT/SK



AMATEUR RADIO CLUB

The Coastside Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

VHF: 146.925 MHz –offset 600 KHz PL 114.8
UHF: 441.075 MHz +offset 5 MHz PL 114.8

PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.

Packet Digipeater: 145.050 MHz, Packet Node: PAC
APRS Digipeater: 144.390 MHz.

CARC/Pacifica OES VHF Simplex: 146.535 MHz
PL Tone: 114.8 Hz is used, as needed, for noise suppression

VHF Net

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. Note: The WA6TOW repeater on 441.075 MHz may be used as an alternate if the WA6TOW VHF repeater is down.

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.



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.

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CARC, P.O. Box 1106, Pacifica, CA 94044



of Service

Affiliation

COASTSIDE NETS

Monday

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

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
San Bruno ARC Net

Tuesday

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

9:00 AM on 3.852 MHz, or the first clear
frequency up/dn.
(alt freq of 7.228 MHz.)
Coastside Saturday Morning Group.

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

Sunday

7:00-7:30 AM on WA6TOW
146.925 MHz, PL 114.8
Knights of the Megahertz Net

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Tom Oliver	KJ6OGL	(650) 488-0704	toliver0557@gmail.com
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Field Day	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**AUGUST 9TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**BACK TO SCHOOL NIGHT
W/ PROFESSOR ROY BRIKEN**

COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO:

58 Years



of Service