



THE COASTSIDE COMMUNICATOR

VOL. 50, No. 8

AUGUST 2018

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

Can't believe its August already! Field Day & PARCA's DSR are in the history books & Pacifica Fog Fest is coming up at the end of September. Sign-up to volunteer. As Casey-N6TZE put it: "It's a fun event" and "You get to talk on business radios and have people come and ask you questions you know nothing about!" You get through it and have a good time. If we get enough people, the shifts are only about 2 hours!

I went to New Orleans after the last meeting. It was a business trip for my wife and I was able to tag along on my dime. Left my HT at home, no time to play with it, and not sure how TSA or other security checkpoints would react to it. Plus, I was in & out of Uber cars where there was a chance of losing it. I did have a great time though!

Interesting factoid: Tuesday, July 24, 2018, was Amelia Earhart's 121st birthday. She disappeared on her around the world flight on July 2nd, 1937. She used a three-channel Western Electric Model 13C, a crystal-controlled, fifty-watt output transmitter. The original design produced AM voice (A3 emission) signals only. The transmitter aboard NR16020 was factory-modified to incorporate CW transmission capability (A1 emission) as well. Model 13C was the factory designation for a three-frequency transmitter operating in the 2500-6500 KHz range. Earhart's Model 13C was factory-modified to include 500 KHz operation. It was reported that the Morse code key was removed from NR16020 during the second around-the-world attempt. The mystery continues! Take care & hope to see you at the next meeting!

73...Tom-KJ6OGL



Back to School Night
w/ Professor Roy Brixen

An Overview of DC Power
Systems for fixed and
Mobile Radio Amateur Radio
Installations

JULY MINUTES

The July 11, 2018 meeting was called to order at 7:30pm by: President Tom Oliver-KJ6OGL, at the Linda Mar Fire House in Pacifica.

A motion was made by Bob-W6LOG and seconded by Frank N6FG to approve the May minutes as posted in The Coastside Communicator. Motion was passed by unanimous vote of the membership present.

Walt-KG6EDY, Dave Conroy-KM6CPF & Tom-KJ6OGL's calls were incorrectly printed in the Communicator under Field Day results. Dave Rinck-K6DMR said he found some errors and made corrections.

Request for motion to accept the minutes as corrected. Motion made by Bill-N6BCT and seconded by Roy-KE6MNJ to approve the June minutes as posted in The Coastside Communicator. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Treasurer, Frank Erbacher-N6FG was absent so no financial report.

CORRESPONDENCE

None

MEMBERSHIP

69 members, 2 non-licensed, 70% ARRL.

COMMITTEE REPORTS

REPEATER

1. Update on current status of WA6TOW repeater from David Rinck-K6DMR: Repeater worked well for the Devil's Slide Ride, only a couple of "Grunge" announcements. Dave said the repeater likes to be used and screeches when it's lonely.

2. Auto-Patch; waiting for Dave Lawrence to bring unit from Genentech so we can retrieve the voice

3. Digipeater: – Some discussion on putting digipeater on the backup repeater antenna.

Committee Reports cont.

4. APRS; Chris-W6EZE said the APRS was replaced with new hardware. Tested and worked fine on the hill but can't hear anything when they came down. Possibly needs new cables or antenna. Chris said they have a new antenna & feed line and possibly somebody to help put in place but has not set aside a time to do this. Casey-N6TZE stated the antenna & feed line belonged to CARC and were purchased for the Digipeater. No added costs will be accrued. Chris-N6EZE stated that one of the batteries (not currently connected) should be replaced due to the case expanding. Casey stated that it has been in that condition for years. Was associated with one of Roger's repeaters and the APRS was connected to it at one time. Not to worry about but should take care of. Dave-K6DMR said that it is a commercial battery and the plating and insulation are thick.

5. Repeater Replacement Committee: progress report from Roy Brixen-KE6MNJ:

1. Update on Repeater Replacement Committee progress from Roy Brixen-KE6MNJ: The 2m and 440cm controllers are working beautifully. Roy has the 440-control radio and needs a tuned filter from Casey. Currently wiring the interconnects between the controller and the two Motorola Repeaters bringing the signal over from the power supply. Roy estimates that he will have the repeaters ready to move to Scott Sutor's-KM6SCD for further testing by the end of the month. Casey questioned about the PL software. Roy stated that he needs to order the PL software.

FIELD DAY

Field Day totals are reported in the Communicator. Pictures were taken and submitted to Scott Mercer-KI6SEJ who has posted on the website. Chris-W6EZE said he is finishing up the submittal information to send to ARRL. Contact was made with the HMB group on 20-meters on the backside of the antenna. It was commented on that some changes will be made in the future on the placement of the antennas.

FOG FEST

Casey said that we need volunteers and it is a lot of fun, so sign-up. Meetings are starting to be put together and Frank will attend them. The matrix for paying out to the volunteer groups has changed, based on the number of hours worked. Further information will follow.

NEWSLETTER

Published

WEBSITE

Pictures from Field Day sent to Scott-KI6SEJ and posted on the website. Chris took some videos with his drone and needs to edit before forwarding on.

NET SCRIPT

Using approved script.

UNFINISHED BUSINESS

A. Update on US Bank Signature Card – Have left phone message to set appointment. Need to call again.

B. Date for T-Hunt @ Duarte Gardens – No update.

C. Mesh Node update – Walt & Chris – Walt stated that the fire chief has forwarded the info on to some of his staffers and other county emergency personal for further feedback.

NEW BUSINESS

None

ADJOURNMENT

Motion made by Roy-KE6MNJ and seconded by Bill-N6BCT to adjourn the meeting at: 8:04p.m. Meeting adjourned.

PRESENT AT THE MEETING

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

Officers: - Officers: President: Tom Oliver-KJ6OGL, Vice-President: Bill Lillie-N6BCT, Secretary: Carmel Gallagher-KJ6ERS, Treasurer: N/A

Members: : : Dave Conroy-KM6CPF & VA3NIA, Roy Brixen-KE6MNJ, Walt Long-KG6EDY, Chris Icade-W6EZE, David Rinck-K6DMR, Audrey Villyard-WA2KPS, William Anderson-KM6HYK, Casey Villyard-N6TZE and Guest Chris Dant-KM6KDZ.

Submitted by: Tom Oliver-KJ6OGL, acting Secretary

**NEWS****BACK TO SCHOOL NIGHT****An Overview of DC Power Systems for Fixed and Mobile Amateur Radio Installations**

As I type this piece for the CARC Newsletter, my office is warmed by the glowing filaments of the 17 tubes in my Hammarlund HQ180AC HF receiver (AM broadcast, SW, and amateur bands). The office is filled with the warm sounds of '50s R&R as I have the receiver tuned to a low power AM station down in Santa Cruz (I truly love doo wop). If you open the receiver's trap door cover and investigate the innards, you will discover that 1/4th of the chassis area is taken up by three power supplies—one at 350 VDC, one at 140 VDC, and one at 12.6 VAC. That's boat anchor technology—the power supply was either built into the unit or was built as a separate chassis connected to the actual receiver or receiver/transmitter via an umbilical cord (like the Collins KWM-2A transceiver and the companion Collins 516F-2 power supply/speaker).

Today, the vast majority of HF/VHF/UHF base and mobile radios designed for amateur use are built power supply free (HTs are the exception to the rule). This means that you the buyer and user of said radio equipment must make informed decisions about how to provide your radio with +12 VDC at lots of amps so you can quickly get on the air. A review of an

back to school night cont.

HRO or DX Engineering catalog or a look through the ads in the latest edition of QST will reveal a host of solutions, most costing about 1/3rd the price of your actual radio. So mistakes are an expensive assault on the credit card and an embarrassment to your ham radio ego.

So, this year's Back-to-School presentation will provide an overview of several solutions that you can consider. We'll start with a look at the basic and traditional AC line operated DC power supply, and then add emergency power capability, and finally look at a power system that includes all the above features plus the ability to power multiple radios and control equipment at a remote location (basically our new repeater power supply). Buy vs. build (basically, how broad or narrow is your definition of the word amateur?), construction technology choices, providing for power system safety, quiet RF operation, and troubleshooting features will be stressed. I'll bring three or four hardware examples so you can see what is involved and we talk about the advantages/disadvantages of DIY from scratch or buy-and-build.

Bring your knowledge, your questions, and your opinions. Leave the "fake news" at home!

PACIFIC COAST FOG FEST**Sept 29-30th 2018**

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**CC Proposes \$18,000 Fine in Louisiana Amateur Radio Interference Case**

The FCC has issued a Notice of Apparent Liability (NAL) proposing to fine Jerry W. Materne, KC5CSG, of Lake Charles, Louisiana, \$18,000 "for apparently causing intentional interference and for apparently failing to provide station identification on amateur radio frequencies," the FCC said.

"Mr. Materne was previously warned regarding this behavior in writing by the Enforcement Bureau and, given his history as a repeat offender, these apparent violations warrant a significant penalty," the FCC said in the NAL, released on July 25.

In 2017, the FCC received numerous complaints alleging that Materne was causing interference to the W5BII repeater, preventing other amateur licensees from using it. In March 2017, the repeater trustee banned Materne from using the repeater.

Responding to some of the complaints, the Enforcement Bureau issued a Letter of Inquiry (LOI), advising Materne of the allegations and directing him to address them. Materne denied causing interference but admitted to operating simplex on the repeater's output frequency. In June 2017, the FCC received an additional complaint alleging that Materne had repeatedly interfered with an attempted emergency net that was called up as Tropical Storm Cindy was about to make landfall. The complaint maintained that Materne "repeatedly transmitted on the repeater's input frequency, hindering the local emergency net's ability to coordinate weather warnings and alerts on behalf of the National Weather Service," the FCC said in the NAL.

Local amateurs were able to track the interfering signal to Materne's residence and confirmed their findings to the FCC, prompting a Warning Letter advising Materne of the complaint and pointing out that his behavior "as described in the complaint would be a violation of Section 97.101(d) of the Commission's rules." Materne responded to the Warning Letter to argue that it was legal to transmit on the repeater's output frequency, further stating that "he was tired of this trash harassing me," the FCC said.

In the wake of further complaints, FCC agents visited Lake Charles, tracked transmissions on 146.130 MHz to Materne's residence, and monitored them for up to 7 hours. The agent reported hearing Materne "playing music on 146.130 MHz and warning other amateur operators that the local Amateur Radio club would not be able to conduct their net later that day."

That evening, the agent watched as Materne drove to a location near the W5BII repeater, where, the agent said, Materne "began transmitting an amateur digital radio signal from a hand-held radio in his vehicle," disrupting the net and failing to identify. Subsequently, the agent, accompanied by a

arrrl update cont.

deputy from the Calcasieu Parish Sheriff's Office, approached Materne's vehicle and confirmed that he possessed a radio capable of operating on 146.130 MHz. "Audio recordings captured by the agent demonstrate that the intentional interference ceased as the agent and the Sheriff's deputy approached Mr. Materne's vehicle," the FCC said in the NAL.

The FCC said that based on the evidence before it, Materne "apparently willfully violated Section 333 of the Act and Section 97.101(d) of the Commission's rules by intentionally interfering with other licensed amateur communications," and that he "apparently willfully violated Section 97.119(a) of the Commission's rules by failing to transmit his assigned call sign."

"[W]e find that Mr. Materne's apparent repeated, intentional, and egregious apparent violations of Section 333 of the Act and Section 97.101(d) of the Commission's rules warrant an upward adjustment of \$10,000 to the proposed forfeiture," the FCC said. "In applying the applicable statutory factors, we also consider whether there is any basis for a downward adjustment of the proposed forfeiture. Here, we find none."

Astro-Ham Alexander Gerst, KF5ONO, Jams with Kraftwerk for Festival Audience

European Space Agency (ESA) Astronaut Alexander Gerst, KF5ONO, had the opportunity on July 20 to sit in from space with German pioneers of electronic music, Kraftwerk. Gerst accompanied the four band members, each on synthesizers, using a tablet device equipped to serve as a mini-synthesizer as part of the Jazz Open Festival held on Schlossplatz, the largest square in Stuttgart, Germany. Gerst appeared on a huge screen behind the four members of Kraftwerk.

"Never thought that the first concert I [would] ever play in is with the legendary Kraftwerk, let alone jamming live from space with them, from the 'Spacelab 2.0' Columbus directly to Stuttgart," Gerst tweeted afterward. He was in the ESA Columbus module for the event, attended by about 7,500 Earthlings, and began his part of the concert by "sneaking in" the well-known five-note melody from the film, "Close Encounters of the Third Kind." As Gerst explained, "It just fit too perfectly."

Before joining Kraftwerk for the musical portion of the occasion, Gerst, speaking in his native German, said, "I want you to come along with me...with us...on this fantastic journey." Gerst will be aboard the ISS until December.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by *Bill Continelli - W2XOYI*

In our last installment, we took a look at the new "dual Ladder" licensing system proposed by the FCC late in 1974. In effect, there would be 2 parallel series of Amateur Radio Licenses, with 29 Mhz as the Line of Demarcation. Series A covered the frequencies below 29 Mhz, and included the

Novice, General, Advanced and Extra Classes. The Conditional Class would be abolished, Extra and Advanced Classes received a power increase, the Advanced License would get access to the Extra phone bands, and Generals would lose power, frequencies, certain modes of operation, and the ability to be a Trustee of a Club station or a Repeater. Series B covered the frequencies above 29 Mhz, and included 2 new license classes--the "Communicator", which would be FM only above 144 Mhz, and the "Experimenter", which would offer all Amateur privileges above 29 Mhz. Like Generals, Technicians would lose big. In fact, those who took their exam by mail (over 90%) would NOT be allowed to renew.

Reaction to the proposal was strong, but somewhat puzzling. Instead of a vehement output of negative comments from the 180,000 General, Conditional, and Technician Class Amateurs, (who stood to lose substantial privileges, and, in many cases, their very licenses), instead, comments concentrated on the "no code" Communicator Class. Amateurs were overwhelmingly against it. In fact, the Communicator License received the same amount of contempt and disdain that the "Hobby Class" proposal had received a few years back. However, while amateurs were debating the FCC Restructuring proposal on the air, and in letters to QST, the ARRL was unusually quiet. Why weren't they coming out with a position?

The answer, in a word, was "Incentive"--as in Incentive Licensing. The ARRL had learned its lesson back in the '60's, when it had submitted its proposal for restrictive phone bands. Now, before any response was made, the ARRL wanted to know exactly what the members wanted.

Thus, the League sent out a comprehensive survey to all 100,000 members. Fifty six percent, or 56,000 (myself included) returned the questionnaires. The ARRL tabulated the results, printed them in a multi page report in QST, and then, in the Summer of 1975, submitted their own proposal to the FCC.

The ARRL's plan kept the basic amateur structure that was in existence--but with a few changes. The League suggested a "Basic Amateur" License, which would provide limited VHF operating privileges. The "Basic Amateur" would not actually have to pass a code exam, but would have to be familiar with cw characters. The trick here, of course, is that once someone has memorized the letters, numbers and basic punctuation marks, they are at 5 wpm already. So, this wasn't really a "no code" license, but it did eliminate formal cw testing.

As for Technicians, the League once again asked that they no longer be burdened with the "experimenter" designation, that they receive Novice HF subbands, and that they receive full VHF privileges.

Generals would see their code requirement drop to 10 wpm, while the Advanced Class would be bumped up to 15 wpm. No major changes were proposed for the Extra Class.

Unlike the '60's, when the ARRL was blasted for shoving Incentive Licensing at the members, this proposal was met with overall approval and appreciation from amateurs.

In the end, although the FCC dropped the "dual ladder" idea, they did incorporate many of the ARRL's ideas into future rule changes. Technicians were mainstreamed into the amateur license structure, Novices received expanded privileges, to eventually include hf & vhf phone, and the FCC, after years of restrictive proposals, finally chose the path of gradual deregulation.

But the "dual ladder" story was not the only event of 1975. When amateurs weren't arguing over the evils of the "Communicator" Class, they were blasting the idea of Class E CB. What was it? In summary, the Electronic Industry Association, or EIA, proposed taking away up to 2 Mhz of our 220 band, and turning it over to a new CB service. With 25 khz spacing between channels, the new EIA Class E CB could have as many as 80 channels. The EIA claimed that the 23 channel CB Band at 27 Mhz was impossibly crowded, and worthless for local communication among legitimate users. Remember, this was at the time of the gas crisis and the "CB Boom". The EIA argued that a skip free area was needed for CB, and that the 220 band was underutilized by hams. The EIA's proposals, in fact were quite stringent and, had it not been for their unfortunate choice of frequencies, they may have received the support of the ARRL.

But, the EIA was trying to mix matter and anti-matter--in this case, amateur frequencies and CB. This had happened once before, in 1958, when Class D CB was created out of "our" 11 meter band. "Never Again" was the cry from hams. The explosion of protest from the amateur community was palatable. Amateurs pointed out that CB wouldn't be such a mess if everyone obeyed the Part 95 rules, and the FCC took some enforcement action. The ARRL stated that CB'ers themselves were opposed to 220 Mhz CB--which was only partly true. The only CB operators surveyed were those who read hobby type magazines, such as S-9. They were opposed to anything that would take them away from the skip and dx zone into a tightly regulated land of local communications. Lost in the emotional shuffle was the logical point that CB did not belong in the HF spectrum.

In the end, with the strong opposition of the ARRL, and the indifferent support of cb'ers who really wanted to stay on HF, the FCC dropped the idea. Instead, in late 1976, the FCC expanded the CB band from 23 to 40 channels, and prohibited the sale of the older 23 channel units. This created a mini bonanza for hams, who snapped up the "obsolete" 23 channel units at fire sale prices, and converted them to 10 meters.

As a postscript, amateurs did lose 2 mhz of our 220 band in the early 90's. These frequencies are now in a no man's land, unused. Which is better--to lose 2 Mhz to a service that hams and their families could use productively, or to lose it to something that is inaccessible--and doesn't even exist yet? In our next installment, we will look at the war protest movement in 1970, and how it affected amateur radio. I hope you will join me.

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NAME THAT RIG!



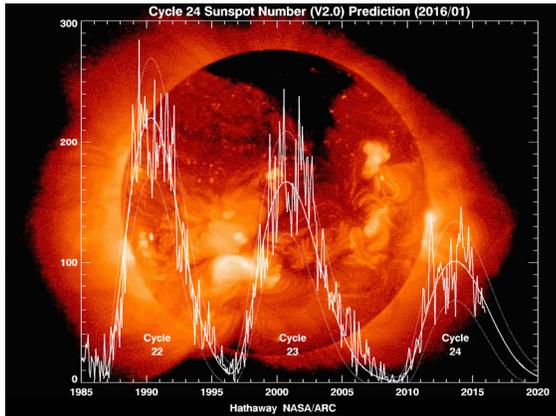
Each month I'll try to post a different radio for you to name. Best of Luck! Winners get "Bragging Rights"

CARC PUZZLER
ROB L. DEY, KA2BEO
RADIOS



- | | | |
|------------|---------------|------------|
| ALINCO | ALLIED | AMECO |
| ATLAS | AZDEN | CLEGG |
| COLLINS | DRAKE | EICO |
| GONSET | HALLICRAFTERS | HAMMARLUND |
| HEATHKIT | ICOM | JOHNSON |
| KENWOOD | KNIGHT | LAFAYETTE |
| MFJ | MOTOROLA | NATIONAL |
| RADIOSHACK | RCA | STANDARD |
| SWAN | TENTEC | WILSON |

SOLAR UPDATE



Tad Cook, K7RA Seattle, reports: A single small sunspot appeared on July 21, then disappeared. Before that, no sunspots had appeared since June 26. The daily sunspot number on July 21 was 11 -- the minimum non-zero sunspot number. Because there were no sunspots over the previous week, average daily sunspot numbers increased from 0 to 1.6, while average daily solar flux declined from 71.8 to 68.4.

The average daily planetary A index changed from 6.4 to 8.1, and the average daily mid-latitude A index (measured in Virginia) increased from 6.1 to 8.

Predicted solar flux is much lower than recently expected. Expected flux values (based on the September 25 prediction) are 66 on July 26 - August 1; 68 on August 2-10; 70 on August 11-18; 68 on August 19 - September 6, and 70 on September 7-8.

Predicted planetary A index is 10 on July 26-27; 8 on July 28-29; 5 on July 30 - August 11; 8 on August 12-13; 5 on August 14-15; 7, 12, 5, 10, 25, and 15 on August 16-21; 10 on August 22-23; 8 on August 24-25; 5 on August 26 - September 7, and 8 on September 8.

Sunspot numbers for July 19 - 25 were 0, 0, 11, 0, 0, 0, and 0, with a mean of 1.6. The 10.7-centimeter flux was 70.5, 70.5, 70, 68.2, 67, 66.9, and 65.8, with a mean of 68.4. Estimated planetary A indices were 4, 7, 11, 5, 4, 17, and 9, with a mean of 8.1. Estimated mid-latitude A indices were 4, 7, 10, 5, 4, 16, and 10, with a mean of 8.

In Friday's bulletin, look for an updated forecast and reports from readers, including extensive sporadic-E activity observed by N8II. Send your reports and observations..



COMING EVENTS

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

<https://pacificacacert.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.
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: \$35.00

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

Sat August 11th Sunnyvale, CA 10:30 AM

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



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 10th	2018 Agenda Planning, LM Fire Station
Feb 14th	Agenda Final, LM Fire Station
Mar 11th	Daylight Savings Time Begins
Mar 14th	Round Table Pizza LM Meeting
Apr 11th	LM Fire Station
Apr 14th	SMC Simplex Drill
Apr 29th	Dream Machines, El Granada
May 9th	Field Day Planning Mtg, LM Fire Station
Jun 7th	Green Dawn CERT Exercise, 0730-1300 hrs
Jun 13th	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jun 30th	Devils Slide Ride, PARCA Bike Event
Jul 11th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 21st	Ex-Pac III. Pacifica Emergency Exercise
Aug 8th	Back to School Night, LM Fire Station
Sept 12th	LM Fire Station
Sept 29-30	Pacific Coast Fog Fest, Pacifica
Oct 10th	2019 Officer Nomination , LM Fire Station
Nov 4th	Daylight Saving Time Ends
Nov 10th	Election Dinner, Nick's, Rockaway Beach
Dec 12th	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



THE COASTSIDE COASTSIDE AMATEUR RADIO CLUB

The Coastsides 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 Coastsides 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



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	Tom Oliver	KG6OGL	(650) 488-0704	toliver0557@gmail.com
V. President	Bill Lillie	N6BCT	(650) 726-3630	billn6bct@gmail.com
Secretary	Carmel Gallagher	KJ6ERS	(650) 670-2322	tlcperrn@sbcglobal.net
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
Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**AUGUST 8TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**AUGUST MEETING
BACK TO SCHOOL NIGHT**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

