The Coastside Communicator

Vol. 49, No. 12 December 2017

www.coastsidearc.org

President's Column

Greetings.

As I sit here putting together my last President's message, I'm humbled to think I've actually been honored to serve as president for such a terrific Club. With so many members contributing their time and skills, serving as president is one of the easier tasks. Of special note, Frank Erbacher, Dave Rinck and Roy Brixen put in a tremendous number of hours behind the scenes this year to keep us on track and flourishing. And with a change-over in Club officers effective on January 1, let me again thank all of this year's officers, Ralph Bailey, Tom Oliver and Frank Erbacher, for their service. As I said at our November dinner meeting, Ralph has served as vice-president for more years than I was even able to trace.

And, as I mentioned at our November meeting, our webmaster Scott Mercer has put in a number of hours updating our website. To help keep it current, it would be great if those of you who take pictures at our various functions would forward them to Scott for uploading onto our site. Speaking of keeping current, once the spring rains subside, thanks to the ongoing efforts of Project Manager Roy Brixen and his subcommittee teams, we can expect the installation of our new repeater this coming year. Just something exciting to look forward to in the new year!Thank you to all of you who joined us at our Election Dinner. Great company, conversation, and what a feast! Next up is our traditional Holiday Potluck Dinner on December 13. Bring along a favorite dish and maybe even a new friend to introduce to the Club. Hope to see you there. Meanwhile, happy holidays to all!

Mary Ellen-AJ6J
Club President

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November Minutes

The November 11, 2017 meeting was called to order at 6:25pm by: President Mary Ellen-AJ6J, at Nick's Rockaway in Pacifica. Introductions by the members followed.

A motion was made by Paul Atkins-AI6BB and seconded by Dave Lawrence-KF6TWW to approve the October Minutes as posted in The Coastside Communicator. Motion was passed by unanimous vote of the membership present.

Treasurer's Report

No Activity from last month.

Correspondence

None

Membership

No report

Committee Reports

Repeater

Update on current repeater from David Rinck-K6DMR

No updates.

Repeater Replacement Committee

Update on current repeater from Roy Brixen-KE6MNJ

No updates.

Auto Patch

No Report

Digipeater

No Report

APRS

No Report

Emergency Services

No Report

Fog Fest

A question was asked if we have received funds from the Fog Fest. Frank stated that the funds won't be distributed until sometime in January or February.

Newsletter

Published

WEBSITE
Updated

NET SCRIPT
Using modified script.

UNFINISHED BUSINESS
Webmaster Scott Mercer-KI6SEJ made updates to the website per Mary Ellen's-AJ6J request. She stated some of the archived issues of The Coastside Communicator were missing. Scott checked his files and does not have those missing issues. Dave Lawrence-KF6TWW stated that he believes he might have the missing issues and would contact Scott.

NEW BUSINESS
Election Committee: Nominations of Officers for 2018: Uncontested Elections;
President: Tom Oliver–KJ6OGL. Nomination was made by Casey Villyard-N6TZE & 2nd by Walt Long-KG6EDY. The motion was adopted by unanimous vote of members present. Vice-President: Bill Lillie–N6BCT (Nominated at October meeting), Secretary: Carmel Gallagher KJ6ERS. Nomination was made by Casey Villyard-N6TZE & 2nd by Dave Lawrence-KF6TWW. The motion was adopted by unanimous vote of members present. Treasurer: Frank Erbacher–N6FG (Nominated at October meeting). Paul Atkins-AI6BB motioned to elect the nominees by affirmation and Dave Conroy-KM6CPF seconded. The motion was passed by unanimous vote of the membership present.

Thank you and special recognition to: Ralph Bailey-K6DLZ (serving as VP since sometime before 2008 -- as far back as Mary Ellen could trace), Frank Erbacher-N6FG (Treasurer, Field Day, Fog Fest, Newsletter Publisher), Dave Rinck-K6DMR (Newsletter Editor, Trustee of Club Call, Control Operator), Roy Brixen-KE6MNJ (Project Manager for the Repeater Replacement, (and all those serving on the repeater replacement subcommittees)), Scott Mercer-KI6SEJ (for serving as Webmaster), Tom Oliver-KJ6OGL (getting out our minutes) was made by President Mary Ellen Scherer-AJ6J.

Veterans Day:
Silent keys: Mary Ellen offered special recognition of the Club's Silent Keys, including Life-time member Roger Spindler WA6AFT, Jane Bailey-KF6PGF, and Roger Quayle-NZ6RQ, as well as a thank you to Club members, their families and friends for their service in the military.

ADJOURNMENT
Motion made by Dave Lawrence-KF6TWW and seconded by Joshua Villyard-N6TZF to adjourn the meeting at: 6:35p.m.

Meeting adjourned. Dinner followed.

PRESENT AT THE MEETING
The following Life Member has become a Silent Key:
Roger Spindler-WA6AFT

Officers President: Mary Ellen Scherer AJ6J, Vice-President: Ralph Bailey-K6DLZ, Secretary: Tom Oliver KJ6OGL, Treasurer: Absent

Members: Walt Long-KG6EDY, Bill Lillie-N6BCT, Carmel Gallagher-KJ6ERS, Barbara Erbacher-K6IIP, Audrey Villyard-WA2KPS, Casey Villyard-N6TZE, David Rinck-K6DMR, Chris Icide-N6EZE, Georgia Grant-KE6KRT, Paul Atkins-AI6BB, Davy Conroy-KM6CPF, Josh Villyard-N6TZF, Cheryl Crofts-KJ6RNK, Dave Lawrence-KF6TWW, Mike Bevington-AA6XL, Gary Barnes-KI6HIG

Guests: Judie Oliver, Charlotte Lillie, Lynn Conroy, Renee Kimbrough, Maurice Ramirez, Jacquie Lawrence, Dorene Bevington-KE6AGG, Trish Bailey-KM6MYI

Submitted by: Tom Oliver-KJ6OGL

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NEWS

AC6UR- Silent Key

Bill Drude, AC6UR, passed away in June his wife Naomi has just told me. Bill had been a member of the Club since the early 90's and donated a handmade table for our EOC that was moved into the bell tower of the Little Brown Church from its former site that's now the Parks Department. He formerly had worked for Varian. His wife told me and had been very sick. He was last a member in '16. Thank you and '73's Bill.

Frank Erbacher N6FG

ARRL UPDATE

Status Report: The Amateur Radio Parity Act of 2017

The Amateur Radio Parity Act of 2017 - S. 1534 is alive, but with legislative action slowed to a glacial pace on Capitol Hill in recent months, there's been no real progress to report since this past summer. At present, the bill is under consideration by the US Senate Committee on Commerce, Science, and Transportation, and it remains an active concern for ARRL. The League is working diligently to shake the bill loose and move it forward.

While it may appear that time is short, S. 1534 does not need to pass the Senate by year's end. The bill remains in play until the current session of Congress adjourns, which doesn't

arrl update cont.

happen until December 31, 2018. Once the bill has been passed by both chambers, the FCC would

still have to implement its essence in the Part 97 Amateur Service rules.

Introduced on July 12, S. 1534 marked another step forward for the landmark legislation. Senators Roger Wicker (R-MS) and Richard Blumenthal (D-CT) sponsored the bill in the Senate. The US House version of the legislation, HR 555, passed the House of Representatives by unanimous consent last January.

FCC Dismisses Radio Amateur's Petition to Revise Call Sign Rules

The FCC has dismissed a rule-making petition filed last May by Thomas J. Alessi, K1TA, of Stamford, Connecticut, that sought to amend the Part 97 rules regarding Amateur Radio Service call signs. The Commission action came in a November 28 letter from Scot Stone, Deputy Chief of the FCC Wireless Telecommunications Bureau Mobility Division. Alessi had asked the FCC to make call signs consisting of one letter, followed by two digits, followed by one letter (1 xx 1 format) available to Amateur Extra-class licensees. Alessi asserted that the number of Amateur Extra-class licensees who desire short call signs exceeds the available supply of 1 x 2 and 2 x 1 call signs, and that his plan would make available an additional 7,800 four-character call signs.

"Approximately fifteen million call signs are presently available in the sequential call sign system, but it does not include every amateur call sign that has been allocated to the United States," Stone wrote in denying Alessi's petition. He also pointed out that the FCC had rejected a similar suggestion in 2010 that would have made certain additional call signs, including 1 xx 1 call signs, available to Amateur Extra-class licensees, but concluded at the time that enough call signs were already available for every Amateur Radio licensee to obtain an acceptable call sign. In addition, the FCC said in 2010 that it had no plans to revisit the issue.

"You have not demonstrated any changed circumstances or other reason that would warrant revisiting this decision," Stone's letter concluded.

AO-91 Commissioned, Declared Open for Amateur Use!

AMSAT-NA's latest Amateur Radio CubeSat, RadFxSat (Fox-1B), now known as AO-91, has been opened for general use. AMSAT Engineering officially announced that AO-91 was ready for use at 0650 UTC on Thanksgiving Day, November 23. AMSAT VP of Engineering, Jerry Buxton, N0JY, turned over operation to Mark Hammond, N8MH, and AMSAT Operations during a contact on the AO-91 repeater during the pass over the Eastern US, AMSAT said in a bulletin.

The latest CubeSat in the Fox series was launched on November 18 from Vandenberg Air Force Base in California. Telemetry is downlinked via the DUV sub-audible telemetry stream, which can be decoded using FoxTelem software.

A 1U CubeSat, RadFxSat (Fox-1B) is a joint mission of AMSAT and the Institute for Space and Defense Electronics (ISDE) at Vanderbilt University. AMSAT constructed the rest of the satellite, including the spaceframe, on-board computer, and power system. The Amateur Radio package is similar to that currently on orbit on AO-85, with an uplink on 435.250 MHz (67.0 Hz CTCSS) and a downlink on 145.960 MHz. -- Thanks to AMSAT News Service

Amateur Radio-Carrying D-Star One CubeSat among Spacecraft Apparently Lost

The first Amateur Radio satellite to employ the D-Star digital voice and data format -- D-Star One -- was among about 20 secondary payloads lost on November 28 after an otherwise nominal launch of a three-stage Soyuz 2.1 booster from the new Vostochny Cosmodrome in the far reaches of eastern Russia.

The mission carried the Russian Meteor M2-1 satellite -- the primary payload -- as well as a Canadian Telestar experimental satellite, and 17 other secondary payloads, including D-Star One. According to reports, a fault occurred in the sophisticated and autonomous Fregat upper stage, which, after separating from the launch vehicle, inserts multiple spacecraft into their respective orbits. A so-called "space tug," Fregat has been in service for nearly 2 decades and has suffered three previous failures. Russian space agency Roscosmos is investigating the Fregat failure.

D-Star One, the first German commercial CubeSat, carried four communication modules, two designated for Amateur Radio use.

D-Star One was developed by German Orbital Systems in cooperation with the Czech company iSky Technology as part of a plan to eventually assemble a low-Earth orbit communication network.

"Hopefully, we'll get another chance to utilize D-Star communications with a satellite repeater sometime in the future," Wayne Day, N5WD, commented on the AMSAT-BB.

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The Fregat upper stage functions as an orbital vehicle in its own right to access a range of orbital configurations through a series of "burns." Made up of six spherical tanks arrayed in a circle, Fregat is "independent from the lower three stages, having its own guidance, navigation, control, tracking, and telemetry systems," according to Gunter's Space Page.

The November 28 launch was only the second from the new cosmodrome.

International Grid Chase Will Allow Use of 630 and 2200 Meters

ARRL Contest Branch Manager Bart Jahnke, W9JJ, has clarified that the new 630- and 2200-meter bands will be fair territory in the ARRL International Grid Chase. The year-long operating event begins on January 1, 2018 at 0000 UTC (New Year's Eve in US time zones). The object is to work stations in as many Maidenhead grid squares as possible, and radio amateurs around the world are encouraged to take part. Contacts made on the 60-meter band will not be eligible for award credit, however.

US radio amateurs are advised, however, that the use of 630 and 2200 meters requires advance notification to the Utilities Technology Council (UTC), formerly the Utilities Telecom Council, of their intention to operate on one or both bands. If UTC does not respond within 30 days or specifically denies access, these stations may commence operation there.

Once approved to use either 630 meters, 2200 meters, or both, US radio amateurs must adhere to the FCC rules regarding the use of those bands. Highlights:

Amateurs operating on 472-479 kHz (630 meters) may run up to 5 W equivalent isotropically radiated power (EIRP), except in parts of Alaska within 800 kilometers of Russia, where the maximum would be 1 W EIRP.

Amateurs operating in the 135.7-137.8 kHz band (2200 meters) may run up to 1 W EIRP.

The FCC has placed a 60-meter (approximately 197 feet) above-ground-level (AGL) height limit on transmitting antennas used on 630 meters and 2200 meters.

The bands are available to General class and higher licensees, using CW, RTTY, data, phone, and image.

Any contact you make in 2018 -- with the exception of contacts on 60 meters -- can count toward your International Grid Chase score, and contacts do not have to include an exchange of grid squares. Participants upload their logs to Logbook of The World (LoTW), and, as long as the other operators worked use LoTW, they get credit automatically once they upload their logs. This means that contest contacts will also count, as will contacts with special event stations, or other on-air activities that use LoTW to confirm contacts.

Contact the ARRL Contest Branch for more information.

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AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by Bill Continelli - W2XOY I

November 15, 1945. The day that amateurs had waited for, ever since December 7, 1941. Finally, after three years and 11 months of wartime radio silence, amateurs were allowed back on the air! Granted, we didn't have everything back yet. The initial authorization allowed amateur operations on 10 meters (28-29.7 Mc), five meters (56-60 Mc), and the new two meter band at 144-148 Mc. And there were restrictions on these limited frequencies. Our old pre-war five meter allocation was temporary. The new post-war band was shifted to six meters (50- 54 Mc), but the actual transition would not take place until March 1, 1946. So, we were back on the 56-60 Mc segment for only 3-1/2 months.

On the new two meter band, the frequencies 146.5-148 Mc were unavailable within a 50 mile radius of Washington, DC and Seattle, Washington. The military was still using these frequencies, as well as our 160, 80, 40, and 20 meter HF bands. The military also occupied our new UHF and microwave allocations. It would be months, maybe a year or more, before the Armed Forces would fully vacate our bands and return them to us.

But amateurs didn't care. Unlike 1919, when there was open hostility to us by the military and the threat of our elimination, the post WW II Armed Forces, as well as the FCC, were fully aware of the tremendous assistance that amateurs had given throughout the war and they were eager to give us back our frequencies. The ARRL was working closely with the FCC and the military to get our bands back.

One band, however, was apparently not coming back. Our 160 meter band, the birthplace of our post 1912 operations, was fully occupied by the military with it's new LORAN Radio Navigation System. The Armed Services and the FCC made it clear that this segment was to remain for the use of LORAN. Over the years, the ARRL obtained small concessions -- a 25 Kc segment here and there, 25 watt power limitations, day and night restrictions; but from the 1940s right up to the early 80s, our 160 meter band sounded like a huge broadbanded buzzsaw as LORAN completely dominated it.

But this was a minor blot on the landscape as amateurs rushed to get back on the air. Ten meters was the band they went to first and the 28-29.7 Mc range became crowded with those making up for lost time. Two meters was next; hams modified

Wayback Machine cont.

their old 2 1/2 meter equipment to operate on the new band, and soon the rushing sounds of the superregenerative receiver were everywhere. The more adventurous were trying out something called FM. Five meters was quiet. Since the band was available for only 105 days, many hams spent that time converting their rigs to the new six meter band.

On March 1, 1946, our old five meter band died and the new 50-54 Mc segment was born. Also on that date, to compensate amateurs for the loss of 29.7-30 Mc, we were given an 11 meter band at 27 mc. That's right, the present day CB band was once an amateur allocation.

By May 1946, we had our 80/75 meter allocation back. We also had a temporary allocation from 235-240 Mc, which would soon be shifted down to 220-225 Mc. On November 2, 1946, the FCC finally released our 40 and 20 meter bands. By the end of 1946, we had our full HF spectrum back, 80/75, 40 meters (which was CW only), 20, 11 and 10 meters. Note that there was no 15 meter allocation then. Our 15 meter band did not appear until 1952. The military restrictions on our two meter band were lifted in June 1947, and, except for 160 meters, the military was off of our bands.

By 1947, every amateur band from 80 thru two meters was full of stations. But there was trouble brewing. Amateurs weren't the only ones taking to the airwaves. Television was growing by leaps and bounds. In 1946, there were only 7,000 TV sets. In 1947, the number jumped to 180,000, and by 1948, there were over 1 million TVs in use. Amateurs, who were used to harmonicly related bands and an empty VHF spectrum, were not prepared for the TVI their neighbors were experiencing. A typical unshielded amateur transmitter, operating on 14, 28 or 50 Mc, could wipe out all the TVs in the neighborhood. QST ran a series of articles on proper shielding and filtering of stations and hams gradually learned to eliminate harmonics from their transmitters. But there was one band where shielding and good design didn't seem to help -- six meters. Our 50-54 Mc segment was sandwiched right between TV channel 1 (44-50 Mc) and channel 2 (54-60 Mc). At that time, only channel 2 was actually being used for TV. The channel 1 range was still part of the old pre-war FM Band (42-50 Mc) which was being phased out in favor of the new 88-108 Mc allocation. We were causing interference to WCBS and the other handful of stations on channel 2. And the problem would only get worse when channel 1 became available. Tests were run and an interesting solution was proposed. Because a television video signal is amplitude modulated, operates with a wide bandwidth and uses the lower portion of the TV channel, it was determined that channel 2 was twice as susceptible to interference from a 6 meter station than channel 1 was. The ARRL's proposal to the FCC? Eliminate channel 2, keep channel 1. But this idea didn't sit well with the stations already on channel 2, nor did it win the approval of Major Armstrong, who was still fighting the grand battle to keep FM Broadcast in the 42-50 Mc range. And so, in August 1947, the FCC withdrew channel 1 from the TV allocations. By the end of 1947, all the pre-war FM broadcast stations had disappeared from the 42-50 Mc range, which was then turned over to Public Service. Amateurs learned to operate in the lower portions of 6 meters to avoid TVI to channel 2.

In our next installment, we are going to look at a major upheaval that began 30 years ago and pitted amateur against amateur, and (according to some) the ARRL against hams. I'm talking about incentive licensing, and how it changed the entire licensing structure.

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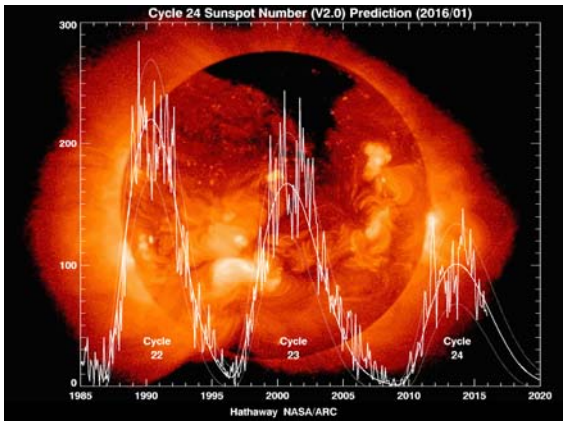
SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Over the past 2 weeks, the average planetary A index increased from 6.7 to 11.6, while the average mid-latitude A index rose from 5 to 8.1.

Predicted solar flux is 68 on December 7-10; 70 on December 11-14; 75 on December 15-16; 74 on December 17; 73 on December 18-20; 74 on December 21-22; 76, 74, 72, 73, and 72 on December 23-27; 70 on December 28-January 8; 72 on January 9; 75 on January 10-12; 74 on January 13; 73 on January 14-16, and 74, 74, 76, and 74 on January 17-20.

Predicted planetary A index is 12 and 8 on December 7-8; 5 on December 9-10; 12 on December 11-12; 8 on December 13; 5 on December 14-16; 8, 25, and 10 on December 17-19; 8 on December 20-21; 5 on December 22-26; 10 and 8 on December 27-28; 5 on December 29-30; 32, 48, 18, 12, and 8 on December 31-January 4; 5 on January 5-6; 12, 15, 12, and 8 on January 7-10; 5 on January 11-12; 8, 25, and 10 on January 13-15; 8 on January 16-17, and 5 on January 18-20.

A new sunspot group (AR2690) emerged on December 6, after a period of no sunspots, but Spaceweather.com reports that, early on December 7, it was already fading.

This weekend is the ARRL 10-Meter Contest. There is a good chance for sporadic-E propagation.

Tamitha Skov released "A Mini-Storm Launch & a Fast Wind Chaser: Solar Storm Forecast 11-29-2017" last week.

NOVEMBER 'S NAME THAT RIG!

Drake TR-3

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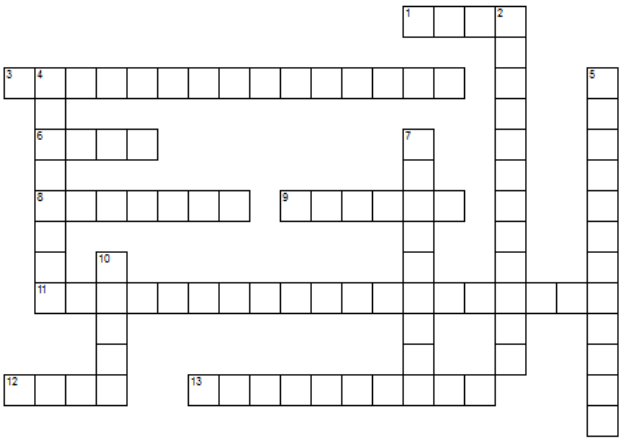
CARC Puzzler

Happy Holidays



Across

1. Number of penguins at North Pole
3. Schlumbergera or Zygocactus plant
6. # Candles on a menorah
8. Celebration of Family, Community and Culture
9. He's a mean one
11. Burl Ives christmas song
12. Christmas Season
13. Euphorbia Pulcherrima

Down

2. Father Christmas
4. Festival of Lights
5. What's red and glows
7. Sprite-like winter character
10. Santa's "other" reindeer

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Need to get rid of a rig?
List it in the Trading Post.

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.
De Anza College in Cupertino, CA. 7AM to noon
Web Page: http://www.electronicsfleamarket.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: 01/20/18
Where*:* San Francisco
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	Dec. 9th	Sunnyvale, CA	10:30	AM
Sat	Dec. 16th	Redwood City, CA	10:30	AM

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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 , Fox Hunt LM Fire
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*

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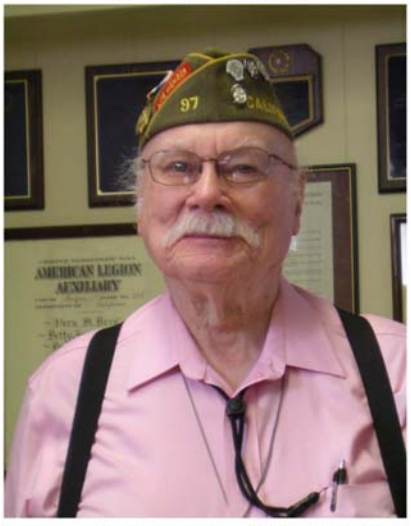
www.smcready.org
cert@pacificapolice.org

In Memoriam



Roger G. Spindler-WA6AFT/SK

THE COASTSIDE COASTSIDE 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.

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

58 Years of Service — COASTSIDE AMATEUR RADIO CLUB WA6TOW SINCE 1959 PACIFICA, CA

48 Years Affiliation — ARRL

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
Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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Meeting Notice:

Linda Mar Fire Station
Pacifica
7:30PM

December Meeting
Holiday Potluck Dinner
Meeting

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

58 Years of Service
COASTSIDE AMATEUR RADIO CLUB
WA6 TOW
SINCE 1959
PACIFICA, CA