



THE COASTSIDE COMMUNICATOR

VOL. 48, No. 7

JULY 2016

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

Another Field Day has passed. At this month's meeting we will be discussing the results of our efforts.

One of the goals of Field Day is to setup and communicate under less than optimal conditions. Taking our station to Sweeney Ridge seems to meet that goal in many ways. This year, the band conditions were less than optimal, so that limited the amount of contacts we made.

I want to thank all of the Club Members that participated in making this year's Field Day a success.

Coming up this month is the Club's trip to the Hiller Aviation Museum on July 16th; we meet at the Museum at 10:00 am. Later, we have the Devil's Slide Ride on July 23rd. If you want to sign up to help, or need more information, contact Casey, N6TZE.

I hope to see you at the meeting on July 13th.

73,
Walt, KG6EDY
Club President



JUNE MINUTES

At 7:30PM Club President Walt Long-KG6EDY called the meeting to order at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

No corrections to the May 16 minutes were noted. It was moved by Dave Rinck-K6DMR to approve the minutes as published in the *Coastside Communicator*, and seconded by Bob Barbitta-WA6LOG. The motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Club Treasurer Frank Erbacher-N6FG read the report of the club's financials: \$3109.80 in the General Fund; \$3480.51 in the Repeater Fund; \$787.41 in the Digipeater Fund and \$9075.11 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$16452.83.

The treasurer paid to himself \$15 for printing and mailing of the June 2016 *Coastside Communicator* newsletter.

MEMBERSHIP

Club membership still stands at 66 total. New members are John Gonzales-KK6NY and Jeffrey Yeagley-KE6RZU. Our ARRL membership ratio now stands at 68%.

COMMUNICATIONS

The May 2016 US Bank statement was received. No other correspondence was noted.

COMMITTEE REPORTS

REPEATER

Dave R. and Casey Villyard-N6TZE reported that they made an impromptu run up the hill to assess the condition of the site. They noticed that the 1.2G and 440M autopatch antennas are down. Mice had gotten inside and destroyed some of the paperwork. It appears that they are coming in through the conduit. They had to replace the rusted-out lock on the gate also. They now have a good idea of what work will need to be done and the supplies that are needed. A motion to purchase supplies and antennas for the repeater, autopatch, and packet radios not to exceed \$1500 was made by Roy Brixon-KE6MNJ and seconded by Frank and was passed by unanimous vote of the members present.

AUTO-PATCH

Still not working.

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

The dates are June 24 & 25, 2016. Frank passed a sign-up sheet around for volunteers. Nine members signed up for set-up, 5 for operating, and 7 for takedown. He will set up a

Field Day cont.

spreadsheet and email it out before the event. All are welcome to participate! Casey will bring the pizza for Sat evening. Josh Villyard-N6TZF will take care of transporting the portapotty up and down the hill. Scott Mercer-KI6SEJ will be responsible for the second operating vehicle. Frank's van will be available. Joe Pistrutto-N3CKF will provide his 2KW generator, which is smaller, lighter, and quieter than the one we usually use. It also may burn less gas.

FOG FEST

Frank reminded everyone that the event is scheduled for Saturday Sept 26 and Sunday Sept 27. Sign-ups for volunteers will start in August.

NEWSLETTER

Published

WEBSITE

Scott reported that the PayPal feature is almost ready and he will work with the treasurer to link it up to the Bank account.

UNFINISHED BUSINESS

Field trip updates: USS Potomac – no update.
Hiller Museum – Ralph Bailey-K6DLZ reported that Saturday July 16 2016, at 10AM club members will be admitted for \$10/person, and he can give a behind-the-scenes perspective. It was suggested that afterwards we go to the Sky Kitchen or Burger King for lunch. Sign-ups will be taken at the July club meeting.
Maritime Historical Society – no update, Roy will pursue the details.

NEW BUSINESS

A motion to spend up to \$750 for Field Day expenses was made by Roy and seconded by Scott, and approved by unanimous vote.

Bob noted that there will be a one-day licensing session given by the BEARS club in Fremont on Sat July 16, 2016 from 8am to 5pm. Please go to bears.com for details.

Josh announced that on Friday July 15 he is giving a presentation at the San Francisco ARC called "An Intro To Arduino Wireless" that will be sponsored through his involvement with the San Jose State Radio Club. More info is available at SFARC.com.

ADJOURNMENT

It was moved, seconded, and unanimously approved by the members present that the meeting be adjourned at 8:20PM.

PRESENT AT THE MEETING

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

Officers: President: Walt Long-KG6EDY; Vice President Ralph Bailey K6DLZ; Secretary: Dave Lawrence-KF6TWW; Treasurer: Frank Erbacher-N6FG.

Members: Joe Pistrutto-N3CKF, Roy Brixen-KE6MNJ, Steve Paganelli-KK6YUA, Casey Villyard-N6TZE, Josh Villyard-N6TZF, Tom Oliver-KJ6OGL, Bill Lillie-N6BCT, Bob Barbitta-W6LOG, Scott Mercer-KI6SEJ, and Dave Rinck-K6DMR

Visitors: Mary Elizabeth Drake-no call.

Reported by Dave-KF6TWW, Secretary

**NEWS****2016 FIELD DAY-****A CO-CHAIRMAN PERSPECTIVE**

The CARC had another successful Portola Discovery Site Field Day Event. It was NOT the typical event, weather or propagation. Propagation was not very good Saturday and I think a bit better Sunday AM. Other stations were complaining also so it wasn't our equipment. It was a bit warm during set up but nice for take down. Fog and moisture was not a major problem. Night was a bit cold with the clear sky releasing the day's heat, and then the fog rolled in. Not a lot of wind. We had spectacular views all daytime and early evening.



Sunday morning fog left us for take down. We were off the top of the hill DRY right at 2 PM Sunday. We had one injury, to Scott- KI6SEJ. This was a fall in the darkness at the gate, a

Field Day cont.

pavement drop off, while returning to the site. Joe- N3CKF drove to a nearby Pharmacy for pain relief medicine, ankle wrap and crutches. By the time we were taking things down he was a bit better and walking gingerly without crutches. Hope you are better Scott. I am again VERY thankful for ALL those willing helpers on setup, staying to operate and for take down.

We could have used more help operating during the night for sure and during the day also. As a part of our public outreach, visitors were given the information on the Portola Discovery Site and purchasing it in 1969 to protect it from future development. This was by the City of Pacifica with grants, donations from the community. That was done in time for the Bi-Centennial of the 1769 SF Bay Discovery. Once purchased I was told that the CARC then used the site for Field Day operations most years. Our current CARC Equipment setup was provided mostly by Roger-WA6AFT (SK) from accumulated used masts and equipment, then fabricating the bases used for all masts.



All who attended seemed to have a good time. All I saw were smiles except there was some frustration with band noise and lack of signals. You did a Great Job Gang!

CARC Operation: Saturday: 20 meters started operating about 11:45 AM, 15 meters about 1:30 PM followed by then 40 meter on inverted Vee. The 80 meter I-Vee use started 2:30 AM after 20 died out. Then it was back onto 20 at 7 AM. Sunday: Efforts 20, 15, 40 and 80 ended at 9 AM as all heard were mostly dupes.



Our setup was again an ALL BATTERY/SOLAR (100 points) with a small QUIET 2 KW (N3CKF) Generator for hot water and space heater. Bands operated were 80, 40, 20, 15 and 6 meters using the full sized 20 and a 15 meter beams, and the 80 and 40 meter dipoles/Vees all on our 30 foot push up masts. A TV antenna modified dipole for 6 meters was provided by N6BCT.

Scott-KI6SEJ and Joe-N3CKF again provided the two HF stations with LED lighting, their IC-7600s, the logging software, computers and the network. Also they provided the moving van station (paid by Club). They had added even more batteries and solar cells, keeping 13.8 volts to the two stations.

The 2nd operating position was my van. Co-Chair Dave-K6DMR provided our GGNRA permit contacts and dealings and I did contacts for a newspaper FD Article and the City of Pacifica's Amateur Radio Week Proclamation.

The band conditions were not as good as last year but we still had 63 CW, NO Digital this year, and 399 Phone totaling contacts this year (vs. 477 '15). CW will give us 2X the points.

The Field Day Bulletin this year was again copied by Bill-N6BCT. Often Field Day guest CW operator Chris- K6SF again provided all our CW points.

Joe will provide more details in his August FD Report article. You can go to the website for Joe's raw data. Looking at the total operation we need more late hour help and even SLOW CW operators when Phone is all dupes (Did you hear that Mr. FG! Oops that's me!). Also maybe digital again?



N6TZE transported the Porta Potty Room up the hill and Joshua- N6TZF down. Joshua also delivered the evenings pizza and operated with visiting friend Ian.

Field Day cont.

No Drone video this year as drones are not allowed within 5 miles of the airport.

Sherriff's CU members Ross-WB6ZBU (CARC) and John-W0DYY provided the Sheriffs Emergency Comm Van visit (100 pts).



We had 57 visitors that signed in but many unsigned group members also received FD and Portola Site info.

Attending and operating were: The Over Overnight gang: Joe-N3CKF and Scott-KI6SEJ (The Modernizers), Mauricio Ramirez (Poison Oak dodger, Recheck, Safety Man and Coax winder), Cheryl-KJ6RNK (May I Help, Please sign the Visitor Log) and President Walt-KG6EDY (Ground Fault Protection, Battery Operating Area and Pota- Potty LED lighting).



There was Dave-K6DMR (Permits every year, Operating, Setup and back early Sunday), Visitor Chris- K6SF(CW point man- TNX AGN OM), Paul- AA6BB (Set Up/Down, Checker and operating 20 meters alone in the day hours), George-KJ6TSX (Always there to help Set Up even the Sat. before-ø). Casey-N6TZE and Joshua-N6TZF with his student friend and new Ham Ian who came to see the operation, Bill-N6BCT

(Beams set up help and ARRL FD Bulleting-100pts), visitor Dave Conroy-KM6CPT (Set up guy and rope and Inverted Vee un-tangler), Visiting ex-member and Fog Fest Volunteer Alan-K6ADM (Hey how are you doing, I remember when.), Tom-KJ6OGL ("Hey folks- Here's Sunday's REAL Coffee and with Donuts!!") and myself, Frank- N6FG, an Overnighter.

I hope I haven't missed anyone. Sixteen (17) in all. GOOD JOB ALL!!!!!! 73's De "I CAN'T WAIT UNTILL 2017 FD" Frank-N6FG



ARRL UPDATE

FCC Transitions to New Electronic Comment Filing System (ECFS)

The FCC transitioned to a new Electronic Comment Filing System ([ECFS](#)) with a "hard launch" on Monday, June 20. The FCC said its legacy system no longer is available, but all documents and files remain accessible in the new system, and saved links (bookmarks or favorites) to documents and proceedings should not need to be adjusted. The modernization project is expected to significantly improve the resiliency and performance of ECFS, the FCC said.

"This system contains the entire history of docketed proceedings from 1992 to the present," the FCC said. "New submissions will be added to the public record. We will continue to refine this system in response to [user feedback](#)."

The ECFS has become the most popular way to gather public comments on Amateur Radio-related proceedings. The FCC said the public can use the ECFS to [retrieve](#) any document in the system, including selected pre-1992 documents that have been scanned into the system. The system also lets users [browse](#) popular proceedings.

It's also possible to [submit a filing](#) via the ECFS, using *Word*, *PDF*, or *Excel* files, and the system lets filers [check the status](#) of their submissions and to see if a filing now is available online.

FCC's OET Clarifies Emissions Compliance Testing for RF LED Lighting Devices

The FCC's Office of Engineering and Technology (OET) [has clarified](#) that all RF LED lighting devices falling under Part 15 rules as "unintentional radiators" must meet conducted and radiated emissions limits set forth in those rules.

"Operation of Part 15 unintentional radiators is subject to the condition that no harmful interference is caused," the OET reminded, in a knowledge database paper released on June 17. "Manufacturers and users should therefore note that lighting devices are required to cease operation, if harmful interference occurs."

The OET said radiated emissions measurements must be performed at least from 30 MHz to 1000 MHz to adequately demonstrate compliance with Part 15 (§15.109). Its guidance, the OET continued, applies to RF LED lighting devices that, in the past, have been considered to operate on frequencies below 1.705 MHz. Previously, devices operating between 9 kHz and 1705 kHz had to be tested only for radiated emissions up to 30 MHz, where no specified radiated emissions limits exist, and were exempt from testing from 30 MHz to 1000 MHz. The OET said it recognizes that routine radiated emissions measurements are needed under Part 15, based on the highest frequency generated or used in the device.



The FCC's OET said emissions from RF LED lighting devices are non-periodic, broadband in nature, and are produced as a byproduct of the internal driver circuitry within the RF LED lighting device. [Rick Lindquist, WW1ME, photo]

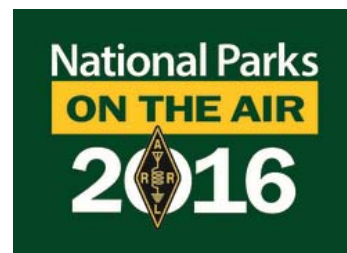
"We have found that emissions from RF LED lighting devices are non-periodic, broadband in nature, and are produced as a byproduct of the internal driver circuitry within the RF LED lighting device," the OET "knowledge data base" paper said. "These types of emissions have adequate energy and potential to generate radiated emissions well above 30 MHz."

The ARRL Lab's Electromagnetic Compatibility Engineer Mike Gruber, W1MG, said he was pleased to see the FCC's OET clarify the test measurement requirements. He said ARRL is generally hearing more RFI complaints stemming from RF LED bulbs.

"Not only are the emissions limits higher for Part 15 LED bulbs -- as opposed to Part 18 fluorescent and CFL bulbs -- they seem to be winning out in terms of consumer popularity," Gruber said. "Higher limits and more bulbs probably make for more complaints." Gruber said the Lab has seen LED lighting devices causing problems in the 2 meter band. "Since conducted emissions limits do not apply above 30 MHz,

radiated emissions limits can be the first line of defense against RFI at these higher frequencies."

Gruber pointed out that noise generated by street and traffic lighting can be widespread. In such instances, he suggested that Part 15b limits for residential areas should apply. "These limits are lower than Part 15a limits, which are intended only for commercial and industrial environments," he explained. "This is especially critical in cases where a pole transformer connected to the lighting device also feeds a home or residence. The 240 V split-phase secondary system can conduct RF into a residence through the service entrance panel." He suggested that the lower limits may benefit mobile users.



National Parks on the Air Update

On June 24, President Barack Obama designated the area around the Stonewall Inn in Greenwich Village, New York City, as the 412th unit of the National Park Service. The [Stonewall National Monument](#) is the first site of the National Park Service dedicated to the struggle for civil rights of lesbian, gay, bisexual, and transgender people. As it is now an official unit of NPS, Stonewall National Monument qualifies for the ARRL National Parks on the Air program, and has been designated as MN83 for [NPOTA](#).

The new Stonewall National Monument encompasses nearly 8 acres of the Greenwich Village neighborhood and includes Christopher Park and the historic Stonewall Inn.

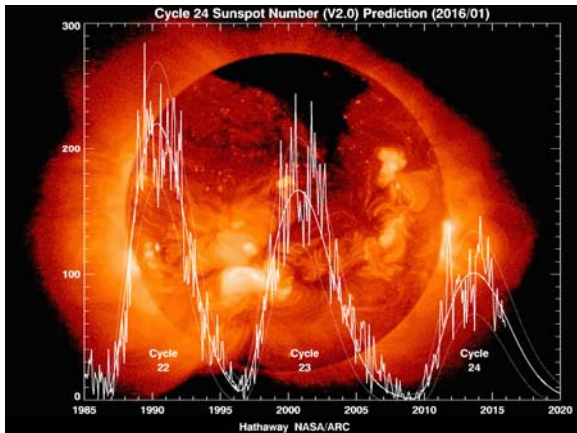
For June 30-July 6, 44 Activations are on tap, including First State National Historical Park (HP12) in Delaware, and Grant-Kohrs Ranch National Historic Site in Montana.

[Details](#) about these and other upcoming activations can be found on the NPOTA Activations calendar.



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

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: We've just experienced a solid week with zero sunspots. The average daily sunspot number was down 33.6 points to zero over the reporting period (June 23-29) compared to 33.6 on the previous 7 days. Average daily solar flux during the same 2 weeks dropped from 83.8 to 75.6, the average daily planetary A index increased from 7 to 9, and the mid-latitude A index rose from 6.9 to 9.1.

Earlier in this month we saw 4 days with a blank sun, June 3-6. There were no sunspots throughout Field Day weekend. Even so, conditions were good for Field Day; there were no sunspots but no massive solar eruptions or geomagnetic storms either.

The last time we saw a blank sun was on July 17, 2014 -- for just 1 day. Prior to that, 2 days in 2011 -- January 27 and on August 14 -- were spot-less. Going back farther, 2010 saw 51 days with a blank sun, with the longest period lasting 13 days.

These recent periods of no sunspot activity were a surprise to me, even though we are in a declining half of the solar cycle. I didn't expect that extended periods of no sunspot activity would begin so early following the peak of Solar Cycle 24.

The latest prediction has solar flux at 75 on June 30; 80 on July 1-7; 82 on July 8-10; 80 on July 11; 82 on July 12-13; 80 on July 14-17; 78 on July 18-23; 77 on July 24, and 80 on July 25-31. Following this, the prediction shows solar flux rising by 2 points for the first week of August.

Predicted planetary A index is 15, 10, 30, 25, and 10 on June 30-July 4; 5 on July 5-6; 8, 10, 10, and 8 on July 7-10; 20, 12, and 5 on July 11-13; 8 on July 14-15; 5 on July 16-18; 15, 12, and 10 on July 19-21, and 5 on July 22-26.

Sunspot numbers for June 23 through 29 were 0, 0, 0, 0, 0, 0, and 0, with a mean of 0. The 10.7 centimeter flux was 77.5, 75.7, 77.1, 76.6, 75.4, 73.1, and 73.6, with a mean of 75.6. Estimated planetary A indices were 12, 12, 7, 11, 10, 7, and 4, with a mean of 9. Estimated mid-latitude A indices were 10, 10, 7, 11, 16, 6, and 4 with a mean of 9.1.

COMING EVENTS

CERT Training – North County Fire Authority

See <http://www.northcountyfire.org> for more info.
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: **July 16**

Where: **Fremont Fire Admin Training Center**

3300 Capitol Avenue

Fremont, CA 94536

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	July 9th	Sunnyvale, CA	10:30	AM
Sat	July 16th	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 13th	2016 Agenda Planning, LM Fire Station
Feb 10th	Agenda Final, & Brief Intro 3D Printing, LMF
Mar 9th	Drones Demo w/N6TZF , LM Fire Station
Mar 13th	Daylight Savings Time Begins
Apr 13th	Pizza Night, Round Table Pizza, LM Shop Ctr
Apr 14th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 24th	Dream Machines, El Granada
May 11th	Meeting Night, LM Fire Station
Jun 8th	Field Day Planning Mtg, LM Fire Station
Jun 25-26	CARC Field Day, Sweeney Ridge
Jul 13th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 23rd	Devils Slide Ride, PARCA Bike Event
Aug 10th	Meeting Night, LM Fire Station
Sept 14th	Meeting Night, LM Fire Station
Sept 26-27	Pacific Coast Fog Fest, Pacifica
Oct 6th	Daylight Saving Time Ends
Oct 12th	2017 Officer Nominations, LM Fire Station
Nov 12th	Election Dinner
Dec 14th	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 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 21:00 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.

This newsletter contains material from *The ARRL Letter* as permitted by the American Radio Relay League

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

57 Years



of Service

47 Years



Affiliation

COASTSIDE NETS

Monday

07:30 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

9:00 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
5:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

CLUB OFFICERS				
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President	Walt Long	KG6EDY	(650) 467-6990	kg6edy@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
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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:**

**JULY 13TH
LINDA MAR FIRE STATION
PACIFICA**

7:30PM

**FIELD DAY
WRAP UP MEETING**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

