

SCOPE

THE PALOMAR AMATEUR RADIO CLUB NEWSLETTER

OPERATING DAY

Sunday, November 24, 2013



FRY'S ELECTRONICS

150 South Bent Street

SAN MARCOS, CALIFORNIA 92069

9:30 AM to 5:30 PM

HOSTED BY PALOMAR AMATEUR RADIO CLUB

www.palomararc.org

contact Dennis KD6TUI (760) 672-0223

Come, learn, and operate on the ham bands at Fry's

70cm, 2m, 6m, 10m, 15m, 20m



Save the Date

Club Meeting

6 November 2013

Club Meeting

Board Meeting

13 November 2013

Palomar Amateur Radio
Club board meeting at
7:30pm at W6GNI QTH.

Event

24 November 2013

PARC Operating Day at
Fry's

Fold & Staple Crew October SCOPE

Al W6GNI & Kathy
Sonny WA5ACE Dave KI6LKP
Art KB6YHZ Janet Meyer
Jo KB6NMK

Advertisements are free for members

Have items that need to find a new home? Advertise here! Send your ads to scope@palomararc.org

For Sale:

Moving before end of year. Unloading various unneeded equipment.

HW-16 with xtals. RX works (needs alignment), have not tried TX. With manual. \$75.00 OBO.

IC-706 RX works, does not TX. Some front panel damage at corner. \$85.00 OBO

Yaesu HT VX-5. 6-2 mtr, 440 MHz. Works very well, altho numbers/letters on some buttons worn off. \$70.00 OBO.

One of two MFJ Noise Canceling Antenna Systems, MFJ 1025/1026. With manual. Work very well. Take your pick. \$120.00 OBO

Two Vibroplex CW paddles, \$50 ea OBO.

Benchner straight key. Like new. \$85 OBO.

Two old CW straight Keys. Various headphones. Make offer.

Pse e-mail Joe, W6UDO, at joezeke43@gmail.com Pse put your call sign in subject line (if it's not in your e-mail address) in case your e-mail goes to spam. Tnx...

For Sale, Winter Clean Out

1. HP141T Spectrum Analyzer, 8554B (1.2 GHz) RF and HP8552A I.F. plug ins. Display OK but no test RF signal. \$75.

2. Radio Shack, Micronta, VOMs. 3 and 4" meter movements, Analog VOMs \$10 - \$15 each.

3. Tektronix 650, NTSC rack mount color monitor, A/B inputs, professional analog TV monitor. \$45.

4. 11.5 - 14.5 VDC, regulated P.S. 20 Amps. Acme Electric, approx. 7" X 7" X 16" long. \$35.

5. Bosch 11-202 demolition hammer. Needs work. Heavy duty, w/case Parts unit - \$35.

6. Paslode, Framing Nailer, 5325/80 compressed air operated. Needs work. Parts unit \$20

Call WB6IQS, John, 760-7Two7-Three876. Evenings / weekends. WB6IQS@Att.net(nospam).

For Sale

1) New Butternut HF9V 9 band vertical antenna (80, 40 30, 20, 17, 15, 12, 10 and 6 meters) and Butternut CPK Counterpoise Kit. Both antenna and CPK kit are unopened in original boxes. I am selling as a package only - \$475.00

2) New Diamond DPGH62 6 meter monoband base station antenna - 21 ft., 6 dB gain. Unopened in original box - \$100.00

3) Icom IC-208H 2 meter + 70 cm mobile radio. Excellent condition in original box - \$225.00.

4) Icom IC-7000 all mode HF/6 meter + 2 meter + 70 cm mobile radio. "Like new" condition with very little use. MB-62 mobile mounting bracket included. In original box - \$850.00.

5) Astron RM-35-M rack mount 25 amp linear power supply with meters. Excellent condition, low use - \$200.00

Contact Dean W6DBJ at 760-727-5954 or deanjacobsen@earthlink.net

For Sale

MFJ 1275M Sound Card Interface, new in box, never used. Includes AC power supply, computer cable, audio cables. MFJ price \$110, yours for \$75

Ron K2RP K2RP@ARRL.NET or 760 436 8109

For Sale

Tektronix TM504, 4 slot compartment Powered main frame. \$80.00

Collins 302C-3. Forward and Reflected Watt Meter. 2Kw and 200 watts. Complete and working. \$80.00
Hewlett/Packard 403B. 1mv -300v RMS. No line cord. \$40.00

Collins 75-A4 receiver with matching Collins speaker, \$700. Very clean.

Pete K6JQE, pickup in Solana Beach. 1-858-755-4838

For Sale

Cushcraft MA5VA HF multi-band compact vertical. Covers 20-10 meters. \$100

Gary, W3LFR
858-335-0546

For Sale

Four rolls of Mil-C-18/ UG218. The rolls are about 140 feet long with N connectors.

Insertion loss is .9 dBa per 100 feet at 150 mHz. \$250.00 per roll or \$800.00 for all of them.

Glenn
N6JAI
619 654 1402

ARES Field Day Report

ARES Field Day was held on October 19th, 2013. The 146.700 repeater, the 145.050 Packet node, and the 447.000 repeater (voice coordination) were used on an irregular basis for digital communication. The 147.130 voice repeater was used on a regular basis throughout the day for ARES Field Day activity coordination. This also included a few periods of formal network activity for the purpose of simplex mapping.

PASS THE WORD!

A Technician Class course will be conducted at the San Luis Rey Valley United Methodist Church. The location is Just off Hwy 76, behind Home Depot at 5570 Old Ranch Road, Oceanside

We will meet on three consecutive Saturdays, 9 November, 16 November and 23 November from 10:30 AM to 3 PM. We plan on serving free hot dogs between Noon and 12:30.

To register, please e-mail: name, address, city, zip to Fred Atchley, ae6ic@cox.net

We are using Gordon West's Technician Class study guide which includes a CD. These can be purchased from Ham Radio Outlet (877-520-9623) for \$21 + S&H. Tell "Ron" that you are taking this class. The instruction is free. The exam follows the last class. The exam fee is \$5. Parking is free.

General and Amateur Extra Class exams may also be administered, But you must request them ahead of time.

See you there. 73, Fred, AE6IC, ae6ic@cox.net

Thank You, Al Donlevy

About 5 months ago, Al reported that he (W6GNI) will be retiring from the monthly project - Known as Fold & Staple - at year end, December 2013. He have been doing this "Service" for the club for well over 12 years. It is well time for someone else to take over!

Al has recently acheived 80 years of participation on this planet! For the past 12 years his family has kept the last Wednesday of each month free for the SCOPE mailing effort.

Palomar Amateur Radio Club thanks him for his effort, service, and commitment.

At this time, PARC needs to plan for his retirement from this monthly exercise. As the present board members know, he has brought the subject up several times. This has been noted at several Club meetings as well.

Here are the items required for Palomar Amateur Radio Club mailing of the SCOPE newsletter.

Preparations for each months SCOPE:

1. Advise the Editor how many copies to print.
 - Number for mailing to members.
 - Number for the Post Office. (Generally 1)
 - Number of extras to print.
2. Currently we are using a printer in Vista. Selected by price, service, and location.
3. Pick up printed SCOPE's from printer. (Pay printer, or have made some arrangement.)
4. Organize - What we have been calling "Fold & Staple". (A small committee is good!!)
 - A. Insert staples in the SCOPE. B. Fold to size. C. Put on plastic stickers.
 - D. Attach Address labels. E. Package by area codes (Currently have 3) Out of area get 1st class envelopes.
 - F. Take Issues, and Paperwork to Post Office, Await acceptance by Postal Service. Pay for mailing (\$20. + -).

(Usually takes 30 – 50 minutes at P.O. If all is in order, and there is not a line in front of you.)

Other items to be concerned about.

- A. P.O. Requires count submitted by postal Area. Also, Volume Percent of advertisement contained, and a "free copy" for them.
- B. In October issue, the number of issues, and details of certain items for the year, through the September issue for the year, from the previous October year.

These items are not too difficult if records are kept during the year.

The above listings may appear troublesome, however the Membership Person can be very helpful, and share some of the work.

Al writes, "As long as I am involved in "Membership", and am able: I can provide the list of members to be mailed too (One of the items the Post Office requires.), sorted by zip code, and at least for some time, the stickers containing addresses, also sorted. These items would be mailed to whoever is doing the major portion of the work in the week prior to their need. I will pass along anything that I have been using as may be useful. I will "donate" the unit that helps align the SCOPE for installing the staples. (Personal property, and not expecting it back.). The club has a small box that contains address stickers to mark the items for the Post Office, some old hand staplers, etc,

Also, I have a book that contains year to date info for 2013. The new person will, no doubt, quickly improve many ways of doing things!"

HAM RADIO OUTLET

H
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Jose XE2SJB
Jerry N5MCJ
Joe N6SIX

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TEN-TEC
Hy-gain, Tri-EX,
Cushcraft And Others
too
Numerous to
Mention!

Drop in to see our display of working equipment. Find out about Pkt location determining equipment (APRS). Check our complete line of magazines, ARRL books, license manuals, and Bulletin Board with all sorts of Goodies listed.

Directions: On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stoplight. As you are turning right you can see our beams in this shopping center. Travel 100 yds. On Kearny Villa Rd. and U-turn back to shopping area and HRO sign. Be sure to see our equipment in action on **real** antennas!

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November Membership News

Please don't forget us when your membership is due!! Some of the folks that may be due to reinstate – I hope! K6VG, KJ6ZQB, KJ6TWJ, KQ6B, N5KKW, KB6CUT, KE6SDF, KF6GOF, KG6ETI, KG6TTZ, KF6POM, KJ6STF, M6MTS, KJ6JMJ, WA6GHW, KC6VDX, W9EN, and there are even more! PLEASE! (Did you know your records are on the web site for info.)

The club is still looking for someone or a group of folks to take over the Fold & Staple task for each month, assembling and mailing of the SCOPE. The January Issue is my last one! Contact any member of the board! (It doesn't have to be done during the day – with the exception of delivering the issues to the Post Office. And that only takes 35 minutes if the paper work is in order.)

AI W6GNI

Raffle Winner

At October's meeting, the Club raffled off a 2014 ARRL Handbook that commemorates the 100th year of the ARRL. The Handbook will be engraved in gold lettering with the name and call sign of the raffle winner.

We are happy to announce that the winner was Fred May, N2HLG.

73 de NN3V
Charlie

Boy Scout Jamboree and PARC

PARC Members Make Boy Scout Jamboree Over the Air a Big Success in 2013.

The Jamboree-on-the-Air, or JOTA, is an annual Scouting event that uses amateur radio to link Scouts around the world, across the nation, and in our own community. JOTA began in 1957 and 2013 marks the 56th year of JOTA. Scouts of any age can participate, from Cub Scouts to Boy Scouts and Venturers. Once at the ham radio station, the communication typically requires speaking into a microphone and listening on the station speakers. In 2013, over 370 Scouting units all across the United States participated in JOTA.



In the San Diego Imperial Boy Scout Council, JOTA 2013 was held in Poway on October 19th at the Saint Michael's School. Scouts from eight different districts across the county were represented. PARC members and the PARC trailer and resources made the event a great success. Scouts contacted 29 different stations, including one in Spain, three other JOTA stations, and one University club station.



Cub Scout over the Air with Charlie NN3V6

Through the efforts of the Poway radio amateurs and Kevin Walsh KK6FRK, this was the first public amateur radio event in Poway in a long while.

Special thanks to PARC for the efforts of Dennis Baca KD6TUJ, Conrad Lara KG6JEI, and Charlie Ristorcelli NN3V for setting up the HF station and associated equipment, and to the members of PARC for donating a VHF/UHF handy-talkie to motivate scouts in pursuit of an amateur radio license.

PARC radio operators worked with adult Scout leaders to teach a Radio Merit Badge class for Boy Scouts and an Introduction to Radio for Cub Scouts. They set up radio equipment and the PARC antenna at the Saint Michael's School and taught scouts how to use the radios to talk to other Scouts in Scouting units located all over United States.

The Scouts learned how radio waves travel, how they carry information, the electromagnetic spectrum – or frequencies, antennas, electronics, basic radio equipment, how to get a radio license, safety, and preparing for an emergency.

The Radio Merit Badge course reached the goal of 25 Scouts completing the merit badge

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Boy Scouts earning Radio Merit Badge with Roger Hort KK6CTI



Teaching Radio Safety - Bob Shoemaker KG6EJW



Cub Scouts Giving Thumbs Up to Radio

requirements, including radio contact thanks to Jeariene Bacon, Gayle Olson K6GO, Pat Herndon KC6S , Roger Hort KK6CTI, Bob Shoemaker KG6EJW , Mike Binder NA6MB, and David Haessig KK6CTF.

Cub Scouts (and their parents) built a breadboard radio kit at the component level with transistors, resistors, capacitors, diodes, and rheostats. Thanks to Bob Coleman for getting the Scouts signed in and directing parents. The Cub Scouts also talked over the air to make contacts over HF and 2 meters. Thanks to Thurston Watson in helping with the radio kits, and corralling the Cub Scouts. It is not clear who had more fun – the parents or the Cub Scouts – but hey – their radios worked!

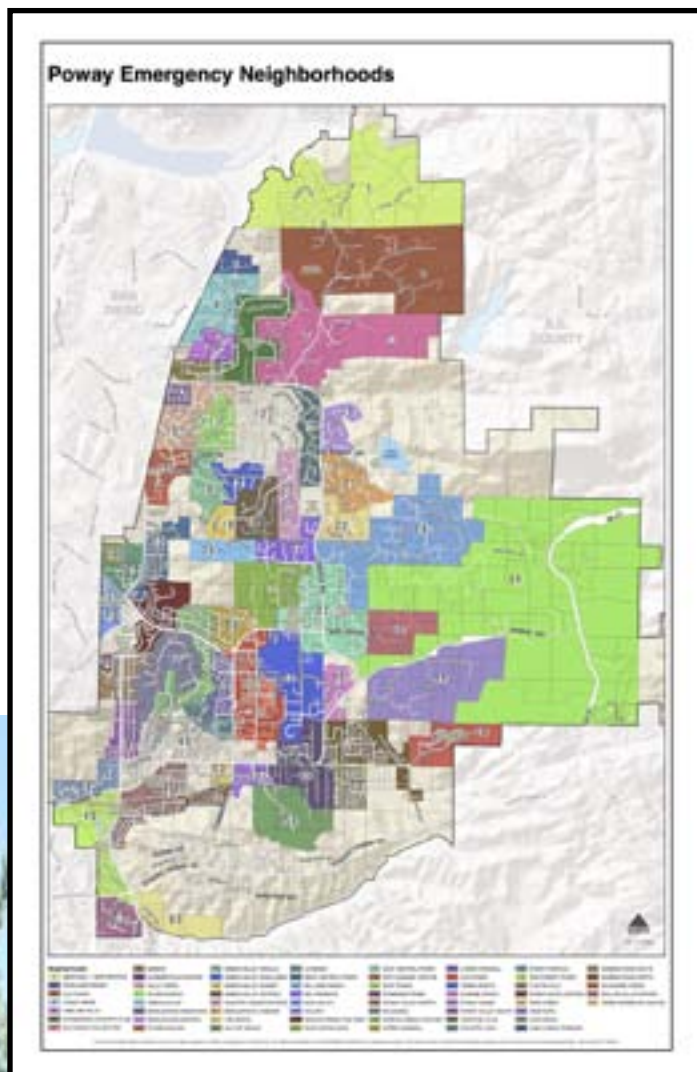
The use of radio communications for emergency preparedness and emergency response was one of the themes for the JOTA in Poway. The event featured a solar powered mobile radio emergency response command post on display for parents and Scouts to learn about. The Poway Neighborhood Emergency Response Corp (PNEC) generated a lot of interest in amateur radio with their map of Poway that showed amateur radio operators in each neighborhood of Poway ready to stand tall in the event of an emergency event.

Thanks to Bart Tuttle KK6CSK and Terri Sorensen of PNEC for reaching out to parents to inform them about the role of amateur radio in community emergency response, and to Robert Todd KJ6RET for showing off his solar powered trailer to Scouts and parents. Thanks again to Conrad Lara KJ6JEI and Dennis Baca KD6TUJ for bringing the PARC trailer over to Poway. The PARC antenna made it possible to make over 35 HF contacts at 29 stations all over the US, as well as England and Spain. Six other Boy Scouts in La Mesa completed their merit badge radio talk time requirement by talking to us in Poway thanks to Robert Todd KJ6RET and Brian Tag AG6CF.

The Scouts and parents are really happy and everyone had fun. Thanks again to PARC and all who made JOTA 2013 successful for Poway and to the Boy Scouts across San Diego County.



Above, Scouts making radio contact on HF with Charlie NN3V, Gayle K6GO, Jeariene KI4MLS, and Bob K1ROA. Right, map of Poway with locations of amateur radio operators. Below, packing up the trusty PARC antenna – Brian AG6CF, Conrad KG6JEI, Charlie NN3V, and Kevin KK6FRK.



PARC in the Community

Greg KI6RXX took lead in talking up and demonstrating amateur radio at Oceanside Fire Prevention Day at Station 1, Nevada and Pier View in Oceanside on Sunday, October 6, 2013. We were invited by Oceanside CERT, Jo N6JO. This is the start of a cooperative effort. Photos by Dennis KD6TUJ.



SOTA, The Summits on the Air Program, in San Diego

Hiking + Radio = SOTA

Introduction to SOTA

by Drew Arnett KB9FKO

For me, the SOTA, Summits on the Air, program, is either an excuse to go hike or to play radio. I'm never really quite sure which. From SOTA, I've learned some interesting and sometimes flavorful vocabulary from the UK version of the English language. And I've learned about mountaineering gear that isn't in mainstream use in the USA. Have you ever heard of a bothy bag?

The Summits on the Air program originated in the UK in 2002. It is "an award scheme for radio amateurs and shortwave listeners that encourages portable operation in mountainous areas." Activators are the ones on the hilltops (and sometimes in the wind, snow, and rain). Chasers are the ones who make contacts with the activators. SOTA has an online database where contacts can be recorded and points kept track of for chasing and activating awards. The SOTA database contains lists of summits for different associations from around the world. (Examples: W6, GW, OH, HL, VK2) An association manager puts together the summit lists for the association and publishes an ARM, or association reference manual, with the summit lists and special rules and useful information for the association.

The W6 association went live on July 1, 2009. Currently this association has 16 regions and 3716 qualifying summits. San Diego County, the area of my interest, contains summits from at least 5 of these regions. As DXCC provides an excuse to learn some geography, reading the W6 ARM will provide an excuse to learn some geology.

TABLE: Regions in the W6 Association

| Region (code) | Region (Name) | Has summits in SD county? |
|---------------|-------------------------|---------------------------|
| SN | Sierra Nevada | n |
| CT | Transverse Ranges | y |
| CN | Northern Ranges | n |
| CD | Desert Ranges | y |
| CC | Coastal Ranges | y |
| WH | White Mountains | n |
| SS | Southern Sierra | n |
| NW | Northwestern Ranges | n |
| NS | Northern Sierra | n |
| NE | Northeastern Ranges | n |
| IN | Inyo Mountains | n |
| SD | Southern Desert | y |
| NC | Northern Coastal Ranges | n |
| ND | Northern Desert | n |
| SC | Southern Coastal Ranges | y |
| CV | Transverse Ranges | n |

The summits are given reference numbers and points values in the ARM.

TABLE: A Few Example San Diego Summits

| Reference | Name | Points |
|-----------|---------------|--------|
| W6/CT-020 | Palomar Mtn. | 6 |
| W6/SC-115 | El Cajon Mtn. | 2 |
| W6/SC-214 | Iron Mtn. | 2 |
| W6/CC-014 | Cuyamaca Peak | 6 |
| W6/SC-338 | Black Mtn. | 1 |
| W6/SC-352 | Mt. Helix | 1 |

See below for the example summit info pages for Palomar and Black Mountain.

SOTAwatch2
 Home | Spots | Alerts | Summits | Reflector | Website | Database | Video | Photos | Recent Info | Shop | Mapping

Summit Information for W6POT-626
 Palomar Mtn. - 1071m, 6 points
 Association: USA(W6) | Region: Transverse Ranges
 Latitude: 33 21 49 N, Longitude: 116 59 5 W
 Today's Sunrise: 13:30 UTC, Today's Sunset: 01:41 UTC

To see the distance and bearing of this summit from your home QTH, please enter your home longitude and home latitude on the Edit Account form.
[Google Map](#) | [Google Earth](#) | [OpenStreetMap](#) | [SOTA Map](#)

Resources
 Feel free to add external links and articles relating to this summit that activators and chasers may find useful or interesting. Please read the disclaimer notice at the bottom of this page.
[Closed as of 2020/03/01 due to fire restoration, call ahead!](#) (Submitted by K2TW on 07 Jan 2020)

Summit Activity
 Total Activations: 2
 Latest By: 1A3MD on 30 Sep 2013
 K1Q7J on 30 Mar 2013
 First Activated by: K1Q7J on 30 Mar 2013

| 41 QSOs on these bands: | | |
|-------------------------|----|-----|
| 20m | 13 | 27% |
| 20m | 17 | 41% |
| 15m | 9 | 22% |
| 20m | 4 | 10% |

SOTAwatch2
 Home | Spots | Alerts | Summits | Reflector | Website | Database | Video | Photos | Recent Info | Shop | Mapping

Summit Information for W6ISC-338
 Black Mtn. - 473m, 1 point
 Association: USA(W6) | Region: Southern Coastal Ranges
 Latitude: 32 58 54 N, Longitude: 117 6 53 W
 Today's Sunrise: 12:37 UTC, Today's Sunset: 01:42 UTC

To see the distance and bearing of this summit from your home QTH, please enter your home longitude and home latitude on the Edit Account form.
[Google Map](#) | [Google Earth](#) | [OpenStreetMap](#) | [SOTA Map](#)

Resources
 Feel free to add external links and articles relating to this summit that activators and chasers may find useful or interesting. Please read the disclaimer notice at the bottom of this page.
[Willow Community Park \(good option for trailhead\)](#) (Submitted by K2PFD on 23 Feb 2013)
[Wikipedia article for Black Mountain Open Space Park](#) (Submitted by K2PFD on 23 Feb 2013)
[Friends of Peninsulas \(great events W6 Mtn presence, too\)](#) (Submitted by K2PFD on 23 Feb 2013)
[City of San Diego Parks & Rec W6 Mtn page](#) (Submitted by K2PFD on 23 Feb 2013)

Summit Activity
 Total Activations: 1
 Latest By: K2PFD on 18 Feb 2013
 First Activated by: K2PFD on 18 Feb 2013

| 18 QSOs on these bands: | | |
|-------------------------|----|-----|
| 20m | 8 | 30% |
| 15m | 10 | 56% |

Activating!

In a nutshell, to activate a summit, you get to the activation zone (80 vertical feet of the summit in the W6 association) under your own power and using portable gear and power. To get activator points, you need to make at least 4 QSOs exchanging callsigns, reports, and the summit reference. Points are awarded to you based on the summit and possibly a seasonal bonus. Seasonal bonuses, defined in the ARM, are for things like desert peaks in the summer and the high sierra in the winter.

How does it go? I won't go into the getting there part. If you're not familiar with getting to these summits, there are plenty of resources to help you learn the San Diego county back country and how to travel there safely. The radio part? Amazing! My first time out was a shakedown cruise up Black Mountain in the PQ neighborhood. I worked 15 and 20 meters CW. Once I was spotted, the pileup was something else! The chasers were courteous and polite which probably was helpful for my rusty CW skills. The best DX that day was Nova Scotia which was cool.

Activation gear

As you would imagine, gear runs the gamut. FT-817s and KX3s are popular. Some carry FT-857 or FT-897 class rigs and sometimes large batteries. KD1JV's ATS series of rigs and the successor MTR design (a SOTA exclusive!) are popular. Some have pruned down their entire setup to very light weight. For example, one ham who carries his rig while trail running! Some activate VHF FM only with an HT with a

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rubber duck or maybe a portable collinear or yagi for gain. Some operate microwave. And many are on HF both phone and CW.

I've been using the gear shown in the photo with a 20' telescoping fiberglass fishing pole. The gear shown includes an ATS3B (designed to fit in an Altoids tin), band modules for the ATS3B, 8xAA batteries, surplus straight key, head phones, BNC patch cable, ZM-2 antenna tuner, and wire for end fed antennas on wrapped on kite winders. The whole thing goes in a tupperware container in a daypack with the fishing pole. The ultralight hikers can see lots of potential to shave the weight of this gear. Even so, I usually carry more weight in water than radio gear in the summer time.



Here is a photo from KH2TJ's Mt Helix activation.



Self spotting is frequently used by activators. In other parts of the hobby this may be forbidden, but it's OK if you want to do this in SOTA. There are a variety of ways to do this: sotawatch.org, custom smartphone apps, RBN, APRS2SOTA, and the SMS gateway to name a few.

Chasing!

In a nutshell, to chase a summit, you work the activator from the creature comforts of your home. Points are awarded to you based on the summit.

After a number of activations and a now developed sense of appreciations for the chasers, I decided that I should give a little back. So far, I've chased and managed to work about 5 activations on HF phone and CW. I was a bit surprised. I thought with the spots that it would be easy to chase. Not so. The ops would move from band to band, or be offline for a bit changing the antenna setup, or have to "QRT STORM NR NOW"!

You can try tuning in during an activation and see what it sounds like. Spots on sotawatch.org would be the best bet. A variety of frequencies are used, and common practices vary depending on what part of the world the operator is in. In North America, it's common to operate in the neighborhood of QRP or HFPAK calling frequencies. (See <http://www.qsl.net/kd9kc/frequencies.html> for example.) On FM, simplex frequencies are used, so definitely look for 146.52. Repeater contacts aren't allowed, but some of use SD SOTA activators may jump on a repeater to solicit contacts!

S2S

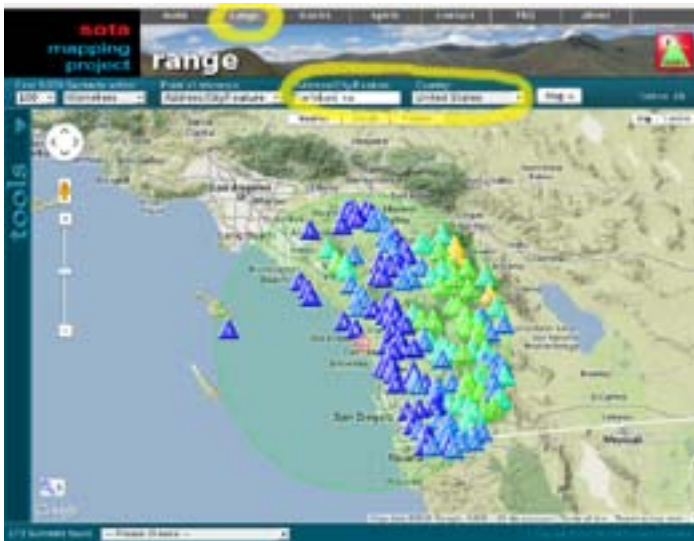
Summit-to-summit, or S2S, is the holy grail of SOTA. In this case, you are both activating and chasing! It is considered good form if you are a chaser to facilitate S2S contacts or at least standby for them.

SD SOTA

San Diego county summits have seen activations for a while now. I finally started activating this year after following the program for a while. A mailing list has been formed for SD SOTA. So far, 5 subscribers are on the list, all of whom have activated summits in SD this year.

More activators in SD would be very welcome. There are many eligible summits here, most of which haven't been activated, yet. Chasers from across the country and even DX chasers would be grateful for the chance to garner more points. Posting an activation alert to sotawatch.org is very helpful, too.

Due to the large number of regions, the best bet for finding eligible summits is to use the mapping feature found at sotawatch.org and use the RANGE tab to find all of the summits near



some location in SD.

SD chasers would be even more welcome. N0PCL worked South Park with an HT from Cucamonga Peak. But, otherwise, I haven't heard of any VHF FM chasing here. Sure, activators could jump on a repeater and drum up folks to QSY to simplex for a valid (non-repeater) SOTA contact. And, maybe that would be the best mode of operation. But, from lower locations, we are able to drum up a fair amount of VHF FM simplex during the VHF contests. Is it possible to do so with SOTA?

Activation alerts and spots found on sotawatch.org are very helpful for chasing.



If you have any questions about SOTA, chasing, activating, resources for hiking in San Diego, or you are interested in joining the SD SOTA mailing list, please contact me.

Resources to learn more

Look for activation reports and photos and many other types of resources for SOTA online. A few are listed here.

web - main links

<http://www.sota.org.uk> the main page

<http://www.sotawatch.org> the main resource page for spots, alerts, mapping, database, summit information, message board, merchandise. See the monthly SOTA news on the reflector!

<http://groups.yahoo.com/neo/groups/nasota/info> North America SOTA mailing list

video

WG0AT's youtube channel: <http://www.youtube.com/goathiker>

If you just watch one, watch: Eagle Cap Wilderness Area (Part II) - East Peak/OR for Summits on the Air (SOTA) <http://www.youtube.com/watch?v=TML1JKP12WA&feature=c4-overview-vl&list=PL4810473C296E0824>

The first part is also good: Eagle Cap SOTA Expedition

<http://www.youtube.com/watch?v=9ZviwMrTSRw&feature=c4-overview-vl&list=PL4810473C296E0824>

slides

N7UN's presentation (see files area in Yahoo group NASOTA)

handout

N7UN's brochure (see files area in Yahoo group NASOTA)

web - other interesting links

<http://www.qsl.net/kd9kc/index.html> one activator's suggestions

<http://www.wota.org.uk/> interesting pictures

<http://peaklist.org/CAMtnatlas/CAMtnatlas.htm> California mountain atlas with prominence lists and maps

books on hiking

Afoot and Afield: San Diego County by Jerry

Schad

Mountaineering: The Freedom of the Hills by
The Mountaineers

Wilderness Basics by the San Diego Sierra Club

About the author

Drew Arnett KB9FKO

Drew earned his Novice and eventually Advanced class ticket at W9YH where he also earned his BSEE. Today he does a little bit of everything electrical engineering related. After a period of inactivity, he has resumed his amateur radio interest including SOTA (of course), QRP, VHF and HF contesting, and the more technical aspects of the hobby. a.arnett@ieee.org

Special thanks to the other members of the SD SOTA list for ideas and editing and contributing to this article: N0PCL, KH2TJ, KG6AOV, and AG6LG.

Minutes

Palomar Amateur Radio Club

Board of Directors Meeting
SEPTEMBER 11, 2013

President Dennis Baca KD6TUJ called the meeting to order at 19:34 pm at the home of Al Donlevy W6GNI. In attendance were:

President: Dennis Baca, KD6TUJ
Vice-President: Joe Petersen, K6JPE
Secretary: Jim Cooper, NE6O
Director #1: Don Johnson, WD6FWE
Director #2: Rich NI6H
Repeater: Conrad Lara, KG6JEI
Membership: Al Donlevy, W6GNI

SECRETARY

- Jim, NE6O submitted the minutes for the August BOD meeting for review and correction.
- Several corrections were suggested and included.
- Conrad KG6JEI moved to accept the minutes as corrected. Seconded by Joe K6JPE. Passed unanimously.
- Meetings from the General Meeting (see attachment at end) were reviewed

CONFERENCE CALL SPECIAL MEETING

- August 28, 2013 conference call. Conrad's notes are attached at the end of this document.
- Special meeting of the board called 8pm

by Dennis to discuss special event station at Oceanside Harbor days.

NEXT MEETING

- The October meeting will be the auction at the Safety Center
- Setup begin at 5:30 pm
- Sellers can start at 6:00 pm
- Buyers can start looking at 6:30pm
- Short meeting starts at 7:00pm, followed by the auction
- Bob AK6R will be the auctioneer.
- Will try to be done by 10pm. Room must be restored to previous condition.

MEMBERSHIP

- Al, W6GNI reports that our current membership is at 284.

REPEATER

- Lots of testing of 146,700 digital duplex repeater
- Possible interference
- Other repeaters are doing fine
- Power reset a couple weeks ago. One was due to power pole replacement. The other is not known.
- Need update repeater etiquette guide. Several people have timed out by not waiting for beep.
- W6SH CERO requests that one member of PARC join to help defer the cost of Internet connection.
- Rich NI6H moves that we get one \$30 membership to join the CERO club who is providing an Internet gateway for WinLink. Seconded by Jim NE6O. Motion does not carry.

OPERATING DAY AT FRY'S SAN MARCOS

- Planned for Sunday, November 24, 2013
- Planning still in progress

SAN DIEGO MINI-MAKER FAIR

- December 7, 2013 in Bing Crosby Hall at the Del Mar Fair

POWAY AMATEUR RADIO SOCIETY

- October 19 & 20 Jamboree on the Air

Steve Early

- Miramar Air Show repeater request October 4 & 5, moved by Conrad the use of 147.130 for the duration of non-exclusive use during the Air Show. Seconded by Don. Passes unanimously
- October 19 use of repeater for ARES "Field Day" request 146.700, 145.050, 447.000, on a non-exclusive basis. Also asking for a two-meter repeater on a regular basis from 8am to 5pm. Moved that 130 used for voice. Moved by Don that the list of repeaters and 147.130 to be used by ARES FD October 19, 2013 8am to 5pm and

that ARES send back to PARC signal strength mapping if possible. Seconded by Joe. Motion PASSES.

Use of Scope List for Ham Announcements

- There are issues with using the Scope list for announcements. This is an opt-in list only for the Scope.
- Ask Paul to start an opt-in mailing list to meet the intent that Charlie wanted.
- A point was brought before the board in reference to club bylaws section 7 subsection j did not allow other non-announced actions to occur. The motion for the announcement did not have prior notice, therefore the motion was not proper. However, the intent was taken and acted on.

TREASURER

- David Ochs has volunteered to recover the club books and get them back into order.

Next month's meeting will be at the house of Al Donlevy, W6GNI and will start at 7pm.

Unanimous motion to adjourn at 22:20 pm.

Respectfully submitted

Jim Cooper, NE6O

Secretary, Palomar Amateur Radio Club

DRAFT MINUTES FROM SPECIAL BOARD MEETING AUG 28th 2013

Present on the conference call:

Dennis Baca KD6TUJ

Conrad Lara KG6JEI

Rich Lippucci NI6H

Joe Peterson K6JPE

Al Donlevy W6GNI

Don Johnson WD6FWE (Late: 20:02)

Motion by Rich Ni6H that we extend the funds and try and get a space locked down for the Oceanside Harbor Days not to exceed \$150 to the Chamber of Commerce. Second by Don WD6FWE. The motion carried.

Meeting adjourned at 20:10

General Meeting 2013-09-04

Motion by Charlie NN3V

"Effective immediately, any member of the club that has an input that facilitates amateur radio and is of an urgent nature can send that request to the board and it will be sent out to the scope list."

Discussion

Call for the vote by Jerry K6GAB

Seconded by KC6YSO

Motion carried by voice vote of the members attending. 58 members signed in, greater than 10 percent of the club membership

Motion by Charlie NN3V

"Motion to remove the treasurer in accordance with the club bylaws and fill the position in accordance with club bylaws."

Seconded by K6JPE

Motion carried by voice vote of the members attending. 58 members signed in, greater 10 percent of the club membership.

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Editor: Michelle Thompson W5NYV

Submissions: scope@palomararc.org

Questions? Ideas? Comments? W6NWG@amsat.org

Featured Program:

At 7:30pm on 6 November 2013, Palomar Amateur Radio Club presents a program and meeting.

We look forward to seeing you at the Carlsbad Safety Center, 2560 Orion Way, Carlsbad, CA.

Sign up for the PARC Email Lists:

<http://www.palomararc.org/mailman/listinfo>