

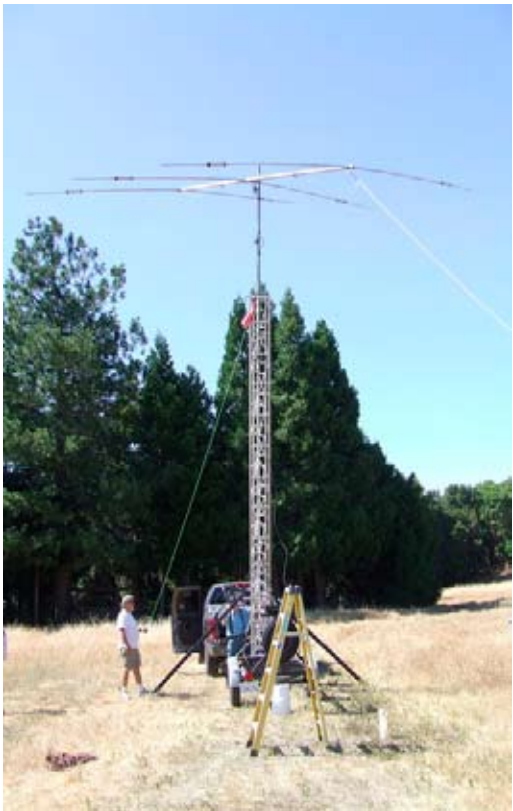
JULY 2007

THE MONTHLY NEWSLETTER of the SANTA CRUZ COUNTY AMATEUR RADIO CLUB

SHORT SKIP



W6BX/AE6RF Field Day at CALFIRE



Pictures this page: Greg K6GPH formally K16BJI.
More are posted at:http://k6gph.org/field_day_2007.html



CLUB MEETING FRIDAY JULY 20, 7:30 P.M.

Site for National Radio

Another site to visit for all of youse National Fans is Neil Wiegand WOVLZ Radio Bay. www.io.com/~neilw/index.htm. I recently had the pleasure of meeting Neil and once I saw the antennae on his car it was nonstop ham talk. Very much like my first meeting with Bruce AC6DN!

Neil informs me that National Radio had its beginnings in CambridgeMass. (Our fair city!) about 1914 and eventually moved to nearby Medford. This is another site with interesting ham radio links.

—James Kroger

Cabrillo Disaster Preparedness Fair

Thanks very much to the following hams (and any I've missed) for helping out at the Cabrillo College Disaster Preparedness Fair on Saturday. Good show

for amateur radio emergency communications! Overall fair attendance was a bit light this first year, with the cool weather and this year's location,

but a much better location (in/at the Farmer's Market) is planned for next year. It was fun and much was learned.

Elaine KE6FRA
 Jeannette KI6AJJ
 Denise KC6ZDK
 Chris KG6DOZ
 Shawn KA6RFZ
 JV K6HJU
 George W3AB
 Reed N1WC

California QSO Party

CW/SSB, contest sponsored by the Northern California Contest Club, 1600Z Oct 6 - 2159Z Oct 7.

For more information see www.cqp.org or email to info@cqp.org.

Peter KE6RAX
 Ray KE6NHG
 Frank K6BDK
 Tom K6TG
 Allan AF6BO
 Clint KI6ELJ
 John KI6EAB
 Jeff KG6OFI
 Mike KG6OFJ
 Ed KI6DAS
 73, Cap KE6AFE

UCSC Field Day



Ms. JoAnn Chou KI6DBA

W6WO Field Day—Kentucky

I had a great time working all over Europe, Middle East and Africa. JA was rare DX ! 17 was, at times, wide open just like 10 meters in the 50s. The home brew beam and a hill-top QTH sure beats a condo and vertical.





By Art Lee WF6P

CHATTER

I was happy to see my article "Radio Communications With Amelia Earhart" in print in the July issue of Monitoring Times. Editor Rachel Baughn, KE4OPD, has published many such pieces by me and Leon Fletcher, AA6ZG. If you have a penchant for writing ham material, drop her a line or an email in the form of a query (editor@monitoringtimes.com). The book, "Finding Amelia," by Ric Gillespie, was my topic. A copy of his book is available in the Santa Cruz Public library. I found it quite fascinating and think that most hams and Short Wave Listeners (SWLs) would too. Communications over the Pacific Ocean in 1937 were primitive by today's standards. (Note: CW was used extensively in naval long-range aircraft through the 1950s.) Getting lost, as in Amelia's case, was due to poor planning, equipment failure (or lack of) and her neglect of understanding radio procedures.

Our club meetings are a great means of entertainment and eyeball QSOs. We were sorry to see that Treasurer Kathleen McQuilling, KI6IE, had fallen and broken her hand in two places, not a good thing! On the positive side, we were treated to champagne or soft drinks and hors'doeuvres by Mikey, N6IL. The occasion was his graduation from UCSC with a degree in Computer Science. "Now I've got to find a job and go back to work" he said. He deserves a good pat on the back for hanging in there. I'm sure it wasn't easy.

Club speakers put out some highly interesting information. Past club president, Dr. Dave Rank, K06RS was the June speaker. He covered the subject of Tropospheric Ducting. His presentation included photos of Johnston Island, south of Hawaii, both before and after it was returned to its natural state by the National Park Service.

Repeater Internet Progress

I'm pleased to report that there is now a full speed Internet connection at the K6BJ repeater shack. Earlier this week, Ron K6EXT and I finished the wiring and arrangements at his house down the hill from the repeater site. This is a modern house with no telephone but several people using the Internet at once, so it



was important that their service not be interrupted for very long. All of the critical hardware except the tenants' wifi router is now located outside in a weatherproof box built by Ron W6W0. A 2.4 GHz Cisco point-to-point wireless bridge links this signal to the K6BJ repeater which is just over half a mile away. Most of the work of putting this system together was done by Ron and Ron, Cap KE6AFE and Jeff Liebermann AE6KS; there was very little I needed to do since most of the system was already in place. We do need to clean up the installation of the antennas at both ends -- Ron EXT is going to rework the one at his house and I'll do the one at the repeater. The

It is always nice to see hams make the news, especially the front page of the Santa Cruz Sentinel. Bos Boscarelli, W6TQP, was featured in an article "Dinosaur Hunter" Photos show Bos happily dusting soil away from the bones of long-dead roamers of our planet. My daughter Joyce, KN6RR, wondered about what type of excavation equipment was used to dig so deep a hole. I told her that I think they use hand trowels and toothbrushes. Son-in-law Preston Rusch, N6ODW, loves that kind of adventure and maybe after he retires, he can join Bos.

computer at the repeater is now online (behind a hardware firewall) and can be reached over the web and by VNC.

Next step is to wire the Echolink controller board to the computer and interface to the repeater controller. Cap should have received the multi-port interface board by now so this will not be difficult. I have a good idea of what needs to be done there but wanted the computer part to be out of the way before I started the next step.

Cap mentioned some concern about the UHF repeater receiver, so I brought my service monitor up to check it out. Sensitivity is around 0.6 microvolts for squelch opening with the preamp, or 1.5 microvolts without. This is not spectacular, and it also seemed that the IF was very asymmetrical, maybe the result of a failed crystal filter in the Mitrek receiver, so I'll be looking into that.

—73 de David WA6NMF

"World's Shortest Parade"

I want to greatly thank our fellow ham volunteers who supported public safety and gained experience at the "World's Shortest Parade" on July 4 in Aptos. The law enforcement, fire, parks, and other public safety agency personnel who participated with us told us they do appreciate our help as well.

Thanks to:

Kathleen KI6AIE

Jeannette KI6AJJ

Richard W1WUH

Bob K6RMW (Provided and Setup our portable repeater at scene, which worked flawlessly.)

Phil KE6UWH

Greg K6GPH

Chris KG6DOZ

Clint KI6ELJ

Tom K6TG (on stand-by/backup) and any I've not listed.

—73, Cap KE6AFE (one COM2 Step-Van

SCCARC Board - 2007

President	Christopher Angelos	KG6DOZ	688-3562
Vice President	Pat Barthelow	AA6EG	
Secretary	Cody Adams	KG6YPK	
Treasurer	Kathleen McQuilling	KI6AIE	476-6303
Board	Mike Doern	KM6IKE	477-1161
	Allen Fugelseth	WB6RWU	475-8846
	Bruce Hawkins	AC6DN	
	Vic Linderholm	AE6ID	476-5567
	Ron Skelton	W6VVO	477-1021
K6BJ Trustee	Allen Fugelseth	WB6RWU	475-8846

MONTEREY BAY REPEATER ACTIVITY

Santa Cruz County ARC	K6BJ 146.790- PL 94.8 Santa Cruz KI6EH 147.945- PL 94.8 Watsonville K6BJ 440.925+ PL 123.0 Santa Cruz • SCCARC Net Monday 7:30 PM 146.79- /147.180+ /440.925+ linked • SCCARC 10 Meter Net 28.308 MHz USB Monday 7:00 PM
San Lorenzo Valley ARC	WR6AOK 147.120+ PL 94.8 Ben Lomond • SLVARC Net Thursday 7:30 PM
Loma Prieta RC	WR6ABD 146.640-(PL 162.2) • LPRC Net Tuesday 8:00 PM
Naval Postgraduate School ARC	K6LY 146.97- PL 94.8 / 444.700+ PL 123 (Linked) Monterey • NPSARC Net Wednesday at 8 PM on K6LY/R • Monterey ARES Net Wednesday 7:30 PM K6LY 146.970- (PL 94.9)
ARES Nets	SC County Wide ARES Tuesday 7:15 PM on AB6VS 440.550- W6WLS 147.180+ AE6KE 146.835-(Linked repeaters / PL 94.8)
Followed directly by	• SLV ARES W6JWS 146.745-(PL 94.8) & WR6AOK 147.120+(PL 94.8) on alternate Tuesdays • South County ARES K6RMW 147.00+ (PL 94.8) • LPrieta ARES AE6KE 146.835- / AB6VS 440.550+ (Linked /PL 94.8) • Santa Cruz ARES K6BJ 146.79- / (PL 94.8)
	• Newline (Ham News) Broadcast Wednesday at end of NPSARC Net • Santa Clara Valley Section Traffic NET Tuesday 9:00PM 146.640- (PL 162.2)

FOR MORE INFO SEE: <http://www.k6bj.org/freq.html>

SCCARC Calendar of Events

SCCARC Meeting	Friday	July 20
Board Meeting	Wednesday	July 25
Short Skip Deadline	Monday	Aug 6
SCCARC Meeting	Friday	Aug 24

MONTHLY MEETINGS.

The SCCARC Meets at 7:30 PM, on the THIRD FRIDAY of the each month (except December). Meetings are at Dominican Hospital, 1555 Soquel Drive, Santa Cruz.

NET CONTROL SCHEDULE

(Subject to Change)

7/16	Chris KG6DOZ
7/23	Tom K6TG
7/30	Cody KG6YPK
8/6	Phil KE6UWH

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Free to members.

Santa Cruz County Amateur Radio Club, Inc.

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