

MAY 2003

THE MONTHLY NEWSLETTER of the SANTA CRUZ COUNTY AMATEUR RADIO CLUB

SHORT SKIP



KG6ELV and KG6ECE

As all who read the previous months Short Skip will recall, Lindsey KG6ELV built a Moxon beam for 2.4 GHz as part of her award-winning science project.

On her behalf I sent a picture of her holding the beam to OM Les Moxon and have received a QSL card for Lindsey from him.

This is what he writes.

To KG6ELV. Delighted to hear of your success with the Moxon beam. I have had a lot of fun with it myself, but now at age 94 I am finding it difficult to get on the air.

73 and 88 from Les G6XN

At the next opportunity I will present this QSL card to Lindsey.

Congratulations... The Clubs Newest Generals

The news from the HamFam is that Freddie KG6ECE (age 11) and Lindsey KG6ELV (age 10) have successfully passed their tests and are both now general class operators.

CLUB SHACK OPEN HOUSE



Art WF6P, Vick AE6ID, Ralph W6ENE, Hank KG6EE, Leon AA6ZG, Bruce AC6DN, Howard KG6WP, David KG6IRW at the K6BJ Club Station. For the story please see Chatter.

WATSONVILLE AIRSHOW

It is May and that means it is almost time for the Watsonville Fly-in and Air Show for 2003. This year the event is going to be based on the 100th year of flight. We are looking at several large aircraft being back at Watsonville, such as the Collins Foundation B-17 and the only flying B-24 Liberator. But then, as you all know, having worked this event before, all kinds of flying things can and do show up at Watsonville.

It is time to confirm a roster of operators for this year's event, which will be on Friday, May 23, Saturday, May 24, and Sunday, May 25. If you have been interested in this event but never checked it out, this is the year for you. We will train you (two different pre show training

events are held on the actual field) and you will find the "on the job" training you get VERY valuable. Come on out and have some fun and work under every kind of condition you can think of. You may even get to work portable from an M1A1 tank!

This year the Air Show committee has made several changes to the organizational structure of the event! The private security people, that watch the gates and ticket areas, along with the Civil Air Patrol (CAP) people, will all be reporting directly to our Safety Communications unit. We will be acting as a "one stop shop" for communications for the major heads of the air show operations groups.

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CLUB MEETING

Our club meeting will be held up stairs in the ed. bldg. on May 16th at 19:30 hrs. it is great to be back on sched. with the 3rd fri. of the month, however lets not get used to the ed. bldg. as our only meeting place. next month June 20th we will meet back in basement of dominican main bldg. one good omen is ,we will have all three rooms open to us, we need the room for our silent auction. i urge all of you to be thinking about what you want to sell- get rid of-or buy. just remember " what is one mans' junk is another mans' treasure." May 16th, this months meeting, we will have a great speaker,(David " KG6IRW") his topic will be (PSK 31:Interfacing and operations)

i really want to be there and learn more about this element of amateur radio. see all of you there,friday the 16th of may. —73s de james (kf6yrd) your vp.

CLUB MEETING FRIDAY MAY 16, 7:30P.M.



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Free to members.

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Inc.**

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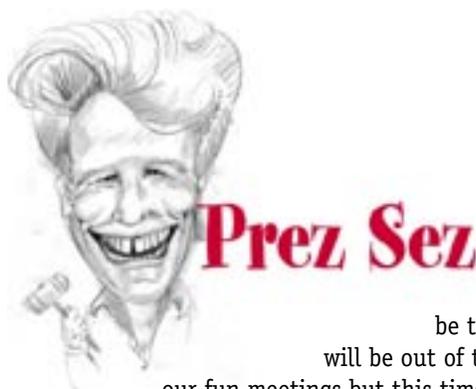
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though, Jim and the rest of the crew will keep the ball rolling! I'll be looking for you down the bands,

Your prez, Richard KG6AXD

Amateur just seems to get better all the time. The future will be different but interesting. Nothing stays the same and Amateur Radio is no exception. I can't believe how much I have learned in the last couple of years and it seems there is always more exciting facets of radio to explore. I hope I live a long time so that I can learn everything(gasp). I hope you'll

be there with me. Speaking of being there, I will be out of town for the May meeting. I hate missing

our fun meetings but this time it couldn't be helped. Don't you worry

Member Profile: Bob Wolbert K6XX

KN60, SK

Joe KN60, our former club member and speaker, became a silent key Monday morning April 28. Here's the sad announcement from Joe's son.

73, Cap

It is with the heaviest of hearts, that I am responding to emails sent to my father, Joe Zegers, as I do now.

My dad passed away at about 11am PST in his bed in Reno, NV. He died, apparently from complications from a wound that developed on his lower back and the infection that followed. He was not in pain when this happened and he passed peacefully as family was there.

My father had specific instructions as to what he wanted done if this happened, and they did not include having a funeral. Still, we are considering a memorial sometime in the near future. If this happens, we will spread the word. I should also let everyone know that this exact email address, that of ts850s@aol.com will be disconnected shortly after this email is sent. Any future correspondence should be sent to me at renoboydz@aol.com

Please accept my gratitude for being there for him while he was with us. It is a loss for everyone.

—Boyd Zegers



Bob K6XX at the Helm

Of all the specialized groups within our hobby it is contesting that arguably has the most skilled and dedicated. Contesting takes Technology, Techniques and Tenacity and Bob K6XX could be called a Grand Master in all respects. Bob is never happier when he is at a DX site and the pile-up is working him. They do say that a QSL card is the final courtesy of a QSO but who would send out 700 following a JA contest !!!! Not only does Bob know how to win contests but his long history in Ham Radio (first licensed at age 12) lead to high tech career in Silicon Valley.

Bob has an EE degree as a result of his studies at UC Berkeley and UC Santa Barbara and his expertise is quite evident

from a visit to his shack. All of us who take part in CAKE meetings appreciate his readiness to share technical know-how that comes from the combination of experimentation and formal studies.

In his spacious, custom shack with 5 modern HF stations there are examples of the many home brew rigs he has built over the years and Bob simply can't resist vintage commercial radios with big knobs. Apart from contests and home brew Bob really enjoys long path DX, dislikes keyboards except during a CW contest and deplores bad operating.

I was most impressed by a recent presentation he gave to a local club with the title "Improving Station Efficiency

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By Art Lee WF6P

CHATTER

On 16 April 2003, Wednesday, I received email from Angela, KD7RAP, and Eric Siegel, KD7RAQ. This young couple sailed Rouser, the Tartan 37 formerly owned by Ron Shannon, KD6BD, and Miggles Wallace, N6FAC, from Washington to the Marquesas Islands. As they passed through Santa Cruz, they took Ron, Miggles, their daughter and me for an afternoon sail on Monterey Bay. Angela and Eric were active on the Baja Maritime Mobile and Seafarers Nets. She had this to say:

"This morning, just before sunrise, Angela spotted a small dark spot on the horizon in the moonlight. Due to her superior vision, she was the first to yell "Land Ho!" -- okay, yes, it's me (Angela) writing! But I MUST obviously have the better eyesight!

"Once the sun rose, islands in all directions presented themselves, just where we would expect them to be! As we moved closer, it was great to see the texture and features appear! The islands rose mightily out of the sea with jagged cliffs and lush jungle forests. It was a spectacular sight.

"As we rounded the island of Hiva Oa, the majesty of it all continued to amaze us. We entered the anchorage with huge smiles on our faces! We were finally anchored at 2345 GMT and snug in the middle of Tahuku Bay. The cliffs on one side of the anchorage rise straight up to above 3000 feet. Everywhere we look is covered with vibrant green foliage. The sensory overload of the new colors and smells is dramatic.

" We have not yet been ashore. We are looking forward to exploring tomorrow and getting more than 3 hours of sleep in a row - not necessarily in that order!!

We're happy to be here and are left with great memories of the successful and safe journey behind us. Total... 27 days 7 hours 45 minutes sailing!

Love to all!

Ang & Eric"

True Confessions or ---

How I Got Into Ham Radio.

"I was born this way. Inspiration to get involved in electronics came at age 7 when I shoved my fingers in the AC wall outlet. The ham license arrived during the Cold War where we were gonna beat the Russians by producing better engineers and scientists. The computah biz started as a hobby that mutated into a profession. Expertise was achieved by destroying everything that I touched and learning from the subsequent autopsy."

Jeff Liebermann, AE6KS Apr 2003

I received email from Rich, KI6EH, and Lee, KC6BML, Hanset. They are aboard a Princess Cruise liner which departed from Fort Lauderdale, Florida. The ship passed through the Panama Canal. Rich set up the website and photos of shipboard life are included. Take a peek. Oh, it's Rich and Lee's 25 wedding anniversary. Congratulations to you both.

<<http://www.princessatsea.com/coral/guests/richardhanset3>><http://www.princessatsea.com/coral/guests/richardhanset3>

I'm happy to see that Eric, AE6HZ, and the Sunnyvale VE group is offering monthly exam sessions at UCSC. This month's exam was given at the Baskin Engineering Bldg, on May 3rd. That's sure a lot closer than driving over Hwy 17. I hope there were plenty of candidates to test and plenty of new hams to join our hobby.

My pal Leon Fletcher, AA6ZG, and I met for lunch at the De Laveaga golf shack restaurant on Sunday. We then went to the Open House of the K6BJ repeater and ham shack. Cap, KE6AFE, was on hand to greet the visitors, provide refreshments

and act as photographer and tour guide. It was a fun day, and when we viewed the repeater site old memories came flooding back. We now have an operational club station in the old repeater shack, and the impressive new and improved building houses our very fine repeater and equipment. Actually, the "new" building is over a dozen years old, but is nice indeed! Those who have been working on it deserve a pat on the back and a "Well Done." I think most club members, over the years, have done something to the repeater. I can remember stomp-ing around on the roof of the Cabrillo Stroke Center more than a decade ago with a gang of us replacing faulty coax and connectors. Wayne Thalls, KB6KN, Dave Harbaugh, W6TUW (SK), and Mike Benack, KG6VH, were among those wielding cutters, soldering irons and climbing telephone poles. Leon Fletcher, AA6ZG, handed up the tools.



Leon Fletcher, AA6ZG at K6BJ Shack

With the Writers:

Last year, Eric Siegel gave me a copy of his manuscript, "Troubled Trade Winds: The Current El Nino's Ill Effects on Pacific Voyaging" and asked for my comments. It was published on pages 82-87 of the April 2003 issue of CRUISING WORLD MAGAZINE. If anyone is planning a voyage in the Pacific Ocean, a reading of this academic work would be very helpful. (Eric is an Oceanographer by profession.)

I was happy to see my article, "Of Boats, Trains and Trailers: Interesting QSOs" appear in the May 2003 issue of MONITORING TIMES MAGAZINE. In it I describe some of the various operating situations I have enjoyed over the years. Ham radio

W6CF MEMORIAL WEBSITE



Jim Maxwell, W6CF, memorial Web site established: The family of Jim Maxwell W6CF, has established a Jim Maxwell Memorial Web site <<http://www.jimmaxwell.net/>>. The site includes recollections, tributes and photographs from the friends and family of Maxwell, the ARRL Pacific Division Director who died February 6 at age 69. He had served as a member of the ARRL Board of Directors since 2000 and as Pacific Division Vice Director from 1994 until 2000. A Life Member of the ARRL and an avid DXer, Maxwell also generously supported the League through contributions to the ARRL Diamond Club, the ARRL Foundation and other programs.

—Glenn Thomas, WB6W, The ARRL Letter, Vol 22, No 18

KI6EH BBS



KI6EH BBS (Santa Cruz ARES Bulletin Board) located at the NETCOM Building

K6XX Cont.

through Gadgetry". He describes very many of his innovative and low-cost items to improve performance and operational efficiency. You can browse this collection on his site at www.k6xx.com/radio/paratlk.pdf

We can't thank Bob enough for his contributions to the club and our high scores over field day are largely due to his standards of excellence.

COOL WEB SITES

| COOL FEATURE | URL www. | CREDIT |
|--------------------------|--|--------|
| Gravitational soldering: | http://www.arrl.org/news/features/2003/04/01/2/?nc=1 | AB6WM |
| Ham Radio Portal | http://www.hamradio-portal.com/psk/ | W6WO |
| GPS Coordinates | http://www.geocode.com/modules.php?name=TestDrive_Eagle | AE5X |
| Wrist radio on Ebay | http://tiger.census.gov/cgi-bin/mapbrowse-tbl http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3018073378&category=3308 | KG6KCO |
| Pop Up Ad Filters | http://directory.google.com/Top/Computers/Software/Internet/Servers/Proxy/Filtering/Ad_Filters/ | K6QQG |
| Watsonville Fly-In | http://www.k6rmw.net/airshow | K6RMW |
| Discount QRP Books | http://www.qtb.com/ | KR1ST |
| CQP 2002 Contest Results | http://www.cqp.org/results/2002/results.pd | W6ZZZf |
| Atomic clock/syncs PC | Worldtimeserver.com | W6WO |
| PSK 31 home page | aintel.bi.ehu.es/psk31.html | KF6GPE |
| Mainly for DXers | hfradio.org/dx.html | WB6MVK |
| Air Core Balun Chokes | k1ttt.net/technote/airbalun.html | AA6EG |

Board Minutes

MINUTES of the BOARD from the SANTA CRUZ COUNTY AMATEUR RADIO CLUB

MARCH 2003

A regular meeting of the board was called to order at 1840 hours on Friday, March 21, 2003 at Dominican Hospital in Santa Cruz. The president, Richard KG6AXD, was in the chair. Also present were the secretary, Cap KE6AFE; the treasurer, Elaine KE6FRA; the members of the board Vic AE6ID, Allen WB6RWU, Mike KF6UXB, Ron W6WO, and a guest, Claudia Fugels-eth

The minutes of the previous board meeting were unanimously approved as written.

The treasurer's report was a financial statement that showed financial activity for the period from February 21 to March 21, 2003. The report, showing a balance on hand as of March 21 of \$5278.41, was accepted unanimously upon motion by Allen.

During committee reports, the lack of a functioning refreshments committee was discussed. Volunteers are sought to help provide refreshments for club meetings.

During unfinished business, there was some discussion of the proposed club "hardware projects list". The list of projects has been prioritized by member interest during the February club meeting, but none of the projects has been begun (or approved yet).

During new business, Ron W6WO began discussion of an idea to have the club utilize some of our members' skills and experience to provide us with computer "software training" sessions, especially for amateur radio software applications. The board favored the idea but took no formal action. Richard mentioned asking members support for creation of a club "member appreciation fund." The idea was discussed and approved by unanimous motion. The treasurer will keep the separate account for use at the board's discretion. (The hat was passed during the club meeting following and the fund's balance is now \$41.24). It was mentioned that a Proclamation of Heroism from the City of Scotts Valley

had recently been presented to our board member Allen, for saving a woman from a burning automobile when he came upon the traffic accident. Thank you, Allen.

The meeting was adjourned at 1920 hours.

APRIL 2003

A regular meeting of the board was called to order at 1835 hours on Friday, April 25, 2003 at Dominican Hospital in Santa Cruz. The president, Richard KG6AXD, was in the chair. Also present were the vice president James KF6YRD; the secretary, Cap KE6AFE; the treasurer, Elaine KE6FRA; the members of the board Vic AE6ID, Allen WB6RWU, Mike KF6UXB, Ron W6WO; and guests Claudia Fugels-eth, Gary KD6HCO, Eric WA6HHQ, and Howard KG6WP.

The minutes of the previous board meeting were unanimously approved as written, with the additions of KF6UXB's attendance and notice of the creation of the club "member appreciation fund."

The treasurer's report was a financial statement that showed financial activity for the period from March 21 to April 25, 2003. The report, showing a balance on hand as of April 25 of \$5,233.03, was accepted unanimously upon motion by Allen.

During committee reports, the Cap gave a repeater status report. They are in service but could use work. Jeff AE6KS explained more at the following club meeting. There will be repeater work meetings held in May. Volunteers should contact Cap.

During unfinished business, it was mentioned that progress on the proposed club "hardware projects list" would be furthered by Jeff AE6KS's talk at the following club meeting.

During new business, Eric WA6HHQ gave a status report on the formation of MBARA, Monterey Bay Amateur Radio Association, created to manage the "N6IJ" site in Marina (the old Fort Ord). They've formed a managing board with 9 ham members from throughout the Monterey Bay area, including Eric as our club's official representative. They're seeking input on all topics and welcome any interest because all types of help are needed. The MBARA operation is intended to insure the continued existence of a uniquely valuable

amateur radio resource. Contact Eric or Bob K6XX for more info.

Ron discussed the status of the Santa Cruz County "Wireless Ordinance", and sought help adding input to the Board of Supervisors meeting on Tuesday April 29. Upon motion by Cap, the board unanimously approved submission of a letter written by Ron to the Santa Cruz Supervisors, primarily expressing concern regarding a proposed reduction of the allowed height of amateur radio antennas in the County ordinance. The letter, signed by our club president, was to be submitted to the County prior to the Supervisors' April 29 meeting. The board also encourages club members and others to add their own input to the County for the meeting or to attend the meeting, and an announcement of this was made at the following club meeting.

Howard told the board of the status of the City of Watsonville's newly enacted "antenna tower ordinance". The ordinance as written does not provide adequate accommodation of amateur radio antenna requirements. Watsonville hams will work with the ARRL Volunteer Counsel to address their concerns to the City. Contact Howard or Bob K6RMW for more info or to help improve this ordinance.

The meeting was adjourned at 1925 hours.

FLY-IN Cont.

If they need something they call Safety Communications (Air Show Command) and we relay it for them, where ever and however.

If you are interested in working this year's event, I need to hear from you ASAP! Please take a few seconds to reply to this email and fill out the next few lines at the bottom of this email, and reply it back to me with when you can work. I have a web page for this year that will be giving late breaking information and other postings about the event. The address for that page is <<http://www.k6rmw.net/airshow>> and it will be operational shortly.

Thanks in advance for your help and we will see you at Watsonville 2003!

—73... Bob Wiser, K6RMW

Watsonville Fly-in and Air Show

Safety Communications Unit coordinator

SCCARC Officers - 2003

| | | | |
|-----------------------|-------------------|--------|----------|
| President | Richard Trebbien | KG6AXD | 426-0169 |
| Vice President | Jim Welty | KF6YRD | 685-9225 |
| Secretary | Cap Pennell | KE6AFE | 429-1290 |
| Treasurer | Elaine Pennell | KE6FRA | 429-1290 |
| Board | Bruce Hawkins | AC6DN | |
| | Vic Linderholm | AE6ID | 476-5567 |
| | Allen Fugelseh | WB6RWU | 475-8846 |
| | Mike Doern | KF6UXB | 477-1161 |
| | Ron Skelton | W6WO | 477-1021 |
| K6BJ Trustee | Royce Krilanovich | AC6Z | 475-4798 |

MONTEREY BAY ACTIVITY

SCCARC Repeaters: K6BJ 146.790- PL 94.8 Santa Cruz (linked w/Watsonville full time)
K16EH 147.945- PL 94.8 Watsonville (linked w/Santa Cruz full time)
K6BJ 440.925+ PL 123.0 Santa Cruz
• SCCARC Net Monday 7:30 PM 146.79- /147.945- /440.925+ linked
• SCCARC 10 Meter Net 28.308 MHz USB Monday 7:00 PM
• SCARES Net Monday 8:30 PM 146.835-(PL 94.8)

SLVARC Repeater WR6AOK 147.120+ PL 94.8 Ben Lomond
• SLVARC Net Thursday 7:30 PM

SLVARES N6IYA 146.745- PL 94.8 Felton
• SLVRC Net Thursday 7:30 PM
• ARES Net Monday 7:30 PM

NPSARC K6LY 146.97- PL 94.8 / 444.700+ PL 123 (linked) Monterey
• Monterey ARES Net Wednesday 7:30 PM
• NPSARC Net Wednesday 8:00 PM
• Newsline (Ham News) Broadcast Wednesday 8:30 PM

6 Meter Local Net 52.8 MHz (PL-114.8) Sunday 8:00 PM
Mont. Bay Chapter 191 QCWA :Tuesday, 7:30PM, NS6G repeater, 146.700- PL 151.4

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

SCCARC Calendar of Events

| | | |
|---------------------------|---------|-----------|
| SCCARC Board Meeting 6:30 | Friday | May 16 |
| SCCARC Meeting | Friday | May 16 |
| Short Skip Deadline | Monday | June 9 |
| SCCARC Meeting | Friday | June 20 |
| Field Day | Fri-Sun | Jun 27-29 |

MONTHLY MEETINGS.

The SCCARC Meets at 7:30 PM, on the THIRD FRIDAY of the each month (except December). Meeting are at Dominican Hospital, 1515 Soquel Drive, Santa Cruz.

Visit the SCCARC Website at -

www.k6bj.org

CLUB E-MAIL: yourcall@k6bj.org

NET CONTROL SCHEDULE (Subject to Change)

| | |
|------|---------------|
| 5/12 | Phil KE6UWH |
| 5/19 | Tom K6TG |
| 5/26 | Ron W6WO |
| 6/2 | Allen WB6RWU |
| 6/9 | Joseph KG6NRI |
| 6/16 | Jeff KF6BKG |



SANTA CRUZ COUNTY AMATEUR RADIO CLUB
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First Class