

W6OTX

W6ARA

PAARA NEWSLETTER

VOLUME 55, NUMBER 6, June 2006

K6OTA

K6YQT

PAARAgraphs



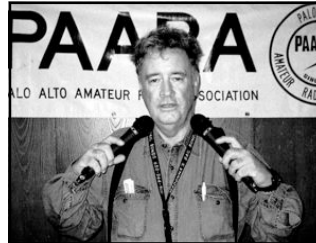
Celebrating 69 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.



CALENDAR



- June 2 **PAARA Meeting**
7:00–9:30
Menlo Park Rec Center
700 Alma Street
Menlo Park, CA 94025
- June 7 **Board Meeting** 7:00pm
Red Cross Bld., 400 Mitchell Lane Palo Alto
(due to Parking Lot problems location may change, check net before Bd. meeting)
- July 7 **PAARA Meeting,** 7:00pm
- July 12 **PAARA Board Meeting,** 7:00pm
- Aug 4 **PAARA Meeting,** 7:00pm
- Aug 9 **PAARA Board Meeting,** 7:00pm



President's corner

This is the busiest month of the year for our PAARA membership as we operate three HF stations and one GOTA station from the Field Day location within the Bayfront Park at the end of Marsh Road in Menlo Park. As you know, we can only do this with the actual, physical participation of as many PAARA members, their family members and friends as possible. The event starts on Friday, June 23/06 with the transportation to the site of almost all of the equipment, including towers, antenna's, trailer's, power supplies, etc. It continues through Saturday, June 24th with the actual radio communication contest getting under way at 11 am. This 24 hour event is really a lot of fun for everyone who participates. However, it is also quite a lot of work preparing the various radio stations and their ancillary equipment. The communication contest is over at 11 am on Sunday, June 25th, however the work is not completed until all of the equipment is dismantled, transported and stored off site.

Radio operators and those wishing to be loggers (in charge of the log book entries for each station) can sign up with **Mike Gavin, W6WZ**. He has 24 hours of available coverage on three HF stations and one Get On The Air station. At least one of those HF stations will be dedicated to CW. Those positions are filling up fast, so please contact Mike and make his job an easy one to perform.



NEXT MEETING

June 2, 2006

SPEAKER

and **PROGRAM:**

Program not confirmed at press time

For those able bodied hams or their friends, we have a lot of manual work available in preparing the antenna's and towers for installation on Friday and in tearing down the complex infrastructure on Sunday. Please advise **Gerry Tucker, N6NV** of your availability or simply just show up to help on Friday and Sunday afternoons.

Our canteen facilities will be better this year with coffee & snacks available throughout the 24 hour period at the main administration and feeding area. The actual large meal on Saturday evening will be catered by **Rick Line, KG6TMD** and his volunteers. They should have lots of for the hard workers at the site, although there will be a small fee or donation required for the meal. I look forward to seeing all of you at Field Day. Remember, we can only do this with your personal contribution of time, energy, etc.

73 de: Terry Finn. AA6T.



Miscellaneous Info

VE Exams, 3rd Saturday each month, 10:30AM, 145.23– PL=100Hz

Redwood City Main Library, Community Conference Room
1044 Middlefield Road, Redwood City, CA
contact: <http://amateur-radio.org/> or Al, WB6IMX@att.net

ELECTRONICS FLEA MARKET

Sponsorship by A.S.V.A.R.O.
(Association of Silicon Valley Amateur Radio Organizations)
Second Saturday of month, March-October, 6am–2pm
Howard M. Krawetz, N6HM 650-856-9761
Contact: <http://www.electronicfleamarket.com/>

LIVERMORE SWAP MEET . Now in Robertson Park, Livermore, every first Sunday of the month. 7 am to 11:30 am. Free admission for buyers. For further info, see: www.larkswap.com or contact Ian Parker, W6TCP at swapmeet@livermoreark.org

PAARA Palo Alto Amateur Radio Association
meets 1st Friday 7:30pm each month, Net 145.230 each Monday 8:30,
contact: <http://PAARA.org/> or Terry Finn, AA6T, 650-366-9111

FARS Foothills Amateur Radio Society
meets 4th Friday 7:30pm each month
contact: <http://www.fars.k6va.org/>

NCDXC Northern California DX Club
meets 2nd Friday 7:30pm each month,
repeater for member info 147.360, Thur 8:00PM
contact: <http://ncdxc.org/> or Mike Gavin W6WZ, (650) 851 8699

NorCalQRP Northern California QRP Club
meets 1st Sunday each month
contact: <http://www.norcalqrp.org/>

SPECS Southern Peninsula Emergency Communication System
meets each Monday 8:00pm on Net 145.27, 440.80 MHz
contact: <http://specsnet.org/> or Tom Cascone, KF6LWZ, 650-688-0441

SCARES South County Amateur Radio Emergency Service
meets 3rd Thursday 7:30pm each month, San Carlos City Hall.
Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings.
contact: President Gary D. Aden, K6GDA 650-743-1265(D), 650- 595-5590 (N)
Web: <http://k6mpn.org> E-mail: pres@k6mpn.org

SCCARA Santa ClaraCounty Amateur Radio Association
Operates W6UU & W6UUR, repeater 146.985-pl
Nets: 2m, 7:30pm Mon, 70cm, 442.425+ (p1 107.2) Thur.
meets 2nd Mon each month @ 7:30 PM.
contact: <http://www.qsl.net/secara/> or Clark Murphy KE6KXO 408-262-9334
ARRL/VEC license testing contact 408-507-4698

SVECS Silicon Valley Emergency Communications
Operates AA6BT repeater (146.115 MHz+)
contact: <http://www.svecs.net/> or Lou Stierer WA6QYS 408 241 7999

WVARA West Valley Amateur Radio Association
W6PIY six-meter repeater on 52.58MHz. Normally, six-meters is linked with 147 and 223, while 441 and 1286 repeaters are linked.
VHF: 52.58 (-500) 151.4 ctcss UHF: 441.35 (+5.0 88.5) ctcss
147.39 (+600) 151.4 ctcss 1286.20 (-12m) 100.0 ctcss
223.96 (+1.6) 156.7 ctcss
meets 3rd Wed every month.
contact: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or N6FFC@ARRL.NET

DISASTER SERVICES

American Red Cross, PALO ALTO AREA CHAPTER
400 Mitchell Lane
Meets 3rd Wed. each month 7:30PM
HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.
contact: <http://paarc.org/> or Mac Millian 650-688-0423. MACM@paarc.org

American Red Cross, SANTA CLARA VALLEY CHAPTER
contact: <http://santaclaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
shensley@Novell.com

(please send changes to PAARAGraphs editor: k6uro@arrl.net)

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Officers

President	Terry Finn, AA6T aa6t@arrl.net	650-366-9111
Vice President	Peter Sheerin, K6WEB k6web@arrl.net	415-298-7383
Secretary	Adrianus Schrauwen, W6AJS w6ajs@arrl.net	650-494-6256
Treasurer	Ron Chester, W6AZ w6az@arrl.net	408-243 2221

Directors

Director (‘07)	Gerry Tucker, N6NV n6nv@arrl.net	650-326 4908
Director (07)	Andreas Junge, N6NU n6nu@arrl.net	650-233-0843
Director (‘06)	Kristen McIntyre, K6WX k6wx@arrl.net	
Director (‘06)	David Ungar, W6DH ungar@mac.com	650-255-2131

See the calendar for Board meeting times. **Visitors are welcome.**

Appointed Positions

Membership	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Database	Rick Melrose K6RDM k6rdm@arrl.net	408-732-2247
Chaplain	Rev. Rick Line, KG6TMD kg6tmd@arrl.net	650 323 8544
Station Trustee W6OTX, K6YQT, W6ARA ...	Gerry Tucker, N6NV	
Station Trustee K6OTA ...	Ron Chester, W6AZ	
Property Manager	Gerry Tucker, N6NV	
Fund Raising Coordinator	Bob Korte, KD6KYT rgk4u@aol.com	650-595 1842
Badge Coordinator	Doug Teter, KG6LWE dteter@cwci.com	650-367-6200
Raffle Coordinator	Jim Rice, K6AK	650-851-2274
Ticket Master	Kyle Rice, KG6MSK	
Field Day Coordinator	Gerry Tucker, N6NV	
ASVARO Rep	Rolf Klubo, N6NFI n6nfi@arrl.net	650-856-2748
Webmaster	Peter Sheerin, K6WEB	
Technical Coordinator	Joel Wilhite, KD6W joel.wilhite@gmail.com	650-325-8239.
QSL Manager	Rob Riley, KG6HVW (cell) kg6hvw@arrl.net	650 799-1607

PAARAGraphs Staff

Editor	Wally Porter, K6URO k6uro@arrl.net	650-494 7038
Photography:	Dick Kors, KM6EP, Al Montoya, WB6IMX, John Larribeau, KR6MR, Wally Porter, K6URO, Mark Cohen, K6EF	
Advertising	Terry Finn, AA6T aa6t@arrl.net	650-366-9111
News	Terry Finn, AA6T	650-366-9111
Member Profiles	Terry Finn, AA6T terry@incognitoservices.com	650-366-9111
Technical Tips	Vic Black, AB6SO ab6so@smrn.com	650-366 0636

PAARAGraphs E-mail address: k6uro@arrl.net

Submit material for PAARAGraphs by the 15th

Text: WORD, RTF, or ASCII
Photos: JPEG or TIFF raster images

Missing PAARAGraphs, too many copies, wrong name or

Call on label? Contact Database Manager:

Rick Melrose K6RDM, 408-732-2247, k6rdm@arrl.net

LIFE MEMBERSHIP

Awarded by Action of the PAARA Board

Ron Panton, W6VG July 2003

Joe Gomes, KB6HDC May 2004



2006 FIELD DAY JOB ASSIGNMENTS

Field Day Commander: Gerry Tucker, N6NV

- Overall leader with the power to veto any ideas or plans proposed by others.
- Must approve the overall plan, including our Field Day category, key job assignments, station locations & equipment, and the band plan during the contest.
- Primary responsibility for supervision of the setup and rigging of all stations & antennas.

Rules Chief: Ron Chester, W6AZ <ron@taxhelp.com>

- Our expert on the Field Day rules, ensuring their correct application in our activities.
- Ensures all needed jobs are defined and assigned, with the key elements of each job assignment understood by the participant holding that job.
- Oversees preparation of the final Field Day submission, in accordance with the rules.

Chief of Recruitment: Terry Finn, AA6T <aa6t@arrl.net>

- Ensures enough qualified people are recruited to fill all the necessary jobs.
- Ensures each participant has personal goals for Field Day and then gets assigned a job he/she can accomplish and wants to accomplish.
- Ensures all participants are accomplishing their goals, while helping with the team effort.

Chief of Communications: Peter Scheerin, K6WEB

- Responsible for tracking the progress of all projects in the planning stages.
- Responsible for establishing and maintaining a workable system of communications among the Field Day participants, both in the planning stages and during our Field Day operation.

Stations Chief: Doug Teter, KG6LWE

- Responsible for ensuring that all station equipment is properly rigged with safe and adequate power and excellent antenna feedlines, remaining fully operational for the entire duration of Field Day.
- N6NV's right-hand-man during setup on Friday.

- Ensures all equipment remains operational, but does not oversee the operators and their duties during the contest.

Station Coordinators:

Gerry Tucker, N6NV & Ron Chester, W6AZ

- During the event, assign operators to specific stations, moving them as needed.
- Make station decisions; changing operators, bands, modes & antennas as needed, in coordination with the station Captains.
- Ensure all stations are making a lot of contacts and all operators are having a lot of fun at all times.

Operator Schedulers:

Mike Gavin, W6WZ & Carolyn Gavin, WB6ABC

<w6wz@arrl.net>

- Compile contact information for all station operators and loggers.
- Gather the operator needs from the planning team and the station captains.
- Schedule enough operators for each time slot, weeks in advance of Field Day.
- Provide the schedule with contact information to the station captains for review.
- Publish the final schedule to the captains and the operators, two weeks in advance.

HF Station Captains:

CW Station: Kristen McIntyre, K6WX

Phone Station: John Eisenberg, K6YP

All-Purpose Station: Andreas Junge, N6NV (CW, Digital & Phone)

- Responsible for ensuring that the station equipment remains operational, with operators making lots of QSO's steadily for the entire duration of Field Day.
- Oversee the station operators, making sure they all know how to use the station equipment properly and how to accurately log all their contacts, so that all points earned are included in our results.
- Make band changes only in coordination with the Station Coordinators, and the other station Captains.

VHF/UHF Station Captain: Joel Wilhite, KD6W

- Responsible for selecting all equipment and antennas for the VHF/UHF station, getting it properly setup and operational for the entire contest, and then overseeing its operation.
- Must approve, train, and oversee all operators assigned to the VHF/UHF station.
- Coordinates with the Logging Captain to ensure that all QSO's get logged and regularly backed up, so that all points earned are properly recorded and included in our results.

GOTA Station Captain: Mark Cohen, K6EF

- Responsible for ensuring that the GOTA station equipment remains operational, with operators making QSO's steadily until the maximum of 500 QSO's has been

(Continued on page 64 Field Day)

(Continued from page 63 Field Day)

reached.

- Ensures all control operators know how to train and supervise the station operators, so all QSO's are made and logged properly.
- Ensures all Field Day rules concerning operator eligibility are followed at all times and maximizes the number of bonus points earned by the GOTA station.
- Coordinates with the Logging Captain to ensure that all QSO's get logged and regularly backed up, so that all points earned are properly recorded and included in our results.
- Makes band changes only in coordination with the Station Coordinators, and the other station Captains.

Message Handling Captain: Pink Foster, KG6ILA

- Responsible for selecting, assembling, and operating the equipment for the proper origination, relay and delivery of all NTS messages from our Field Day site.
- Ensures all messages are properly formatted and fully serviced copies are supplied to W6AZ for inclusion with our Field Day submission, so that all possible bonus points for NTS traffic are earned by the club.

Demonstration Modes Captain: Andy Gonzales, KG6RWO

- Responsible for coordinating the activities of the demonstration mode stations.
- Ensures the special modes are demonstrated to all those who are interested in finding out about them.
- Ensures these activities are properly documented, with text and photographs, so all bonus points available are earned without fail.

Special Mode Demonstrators:

APRS: Andy Gonzales, KG6RWO

ATV: Dick Kors, KM6EP

SSTV: Byron Beck, KG6UOB

- Responsible for assembling and operating the equipment needed to demonstrate each of the special ham radio modes to all who are interested.
- Provide the Rules Chief with Word documents describing the demonstrations given.
- Ensure that excellent photographs of their demonstrations are also obtained.

Press Release Officer: Wally Porter, K6URO

- Ensures informative and timely news releases are prepared and issued to the media, so we get excellent coverage in the local media.

Public Information Officer: Rick Line, KG6TMD

- Ensures that all visitors to our site are welcomed, logged in as participants, made comfortable, and provided with helpful information about ham radio and PAARA.
- Provides a map of the site so that anyone can easily locate all activities taking place.

Field Day Greeter: Carol Randall, W6GEM

- Welcomes visitors to our site, and logs in all participants, gathering statistics needed for our Field Day submission.
- Ensures all visitors and participants feel welcome and are acknowledged for their participation in our Field Day event.

Logging Officer: Rob Riley, KG6HVW

- Becomes an expert on the logging software, months in advance of Field Day.
- Arranges training on the software, by any operator needing such, months in advance.
- Responsible for regular backup of the logs during Field Day.
- Regularly compiles the data from all logs on one laptop, for review by the Station Coordinators.
- Must provide complete and accurate logs to W6AZ at the end of the contest.

Computers Officer: Mark Cohen, K6EF

- Ensures enough computers are gathered and properly configured for Field Day.
- Helps the Logging Captain to install the logging software.
- Ensures all needed hardware stays up and running without fail throughout the event.

Field Day Docent: Vic Black, AB6SO

- Helps the Public Information Officer to develop an excellent PAARA brochure.
- Ensures new people and other VIP's get all their questions about ham radio and PAARA answered correctly and fully.

Station Operators & Loggers

- We need many more people to sign up to run the stations.
- Contact the Operator Schedulers at once to sign up as an operator and logger!!

Tower & Antenna Rigging Crews

Tear-Down & Clean-up Crews

- All available hands are needed to help with the above vital duties.
- Let N6NV & W6AZ know you will be there to help!

Summary

Every one of the jobs listed does a key part in producing a successful Field Day. We really appreciate all the work the club members put into Field Day. By working together we can accomplish a lot and have the best Field Day ever! If you need clarification about your duties at Field Day this year, contact W6AZ right away. If you're not yet assigned to a job, contact the Chief of Recruitment, the Operator Schedulers, or the Rules Chief now to find out how you can help. Watch the PAARA website for updated information about Field Day plans.

<<http://www.paara.org>>

Ron Chester, W6AZ
 Rules Chief
 5/15/06

Amateur Radio Volunteers on Flood Duty in New England

NEWINGTON, CT, May 15, 2006--Amateur Radio Emergency Service (ARES) volunteers in Eastern Massachusetts and New



Flooding on Walnut Street in Peabody, Massachusetts. Eastern Massachusetts SEC Rob Macedo, KD1CY, says the recent flooding there is the worst in 70 years. [Jim Palmer, KB1KQW, Photo]

Hampshire have activated in the aftermath of the worst flooding in the region in 70 years. Rob Macedo, KD1CY, ARRL Eastern Massachusetts Section Emergency Coordinator and SKYWARN coordinator, reports SKYWARN has been active for nearly three days, with volunteers taking only overnight breaks.

"We've been on continual damage assessment for flooding and reporting information to the National Weather Service forecast offices in Gray, Maine, and Taunton, Massachusetts," Macedo says. Radio Amateur Civil Emergency Service (RACES) volunteers have been active in Massachusetts with the state Emergency Operations Center (EOC), staffing Region I headquarters for the last several days.

"We've handled several hundred reports of flooding of rivers, streams and urban areas, damage caused by flooding and rainfall reports," Macedo told ARRL. "We have had more than 12 inches of rain in some locations with widespread 4 to 8-inch rainfall across much of New England."

Macedo says Amateur Radio volunteers are using VHF/UHF repeaters as well as 6 meters, HF and the New England VoIP Integrated Conference Reflector, IRLP Reflector 9123, *EchoLink* node *NEW-ENG* Node #:9123.

Primary ham radio responders include Jay Carter, KA1RVR, New Hampshire ARES-SKYWARN Coordinator; Jim Blaine, WD4JZO, Hillsborough County (NH) ARES SKYWARN Coordinator; William Glidden, KB1LSQ; Tom Kinahan, N1CPE, Massachusetts State RACES Radio Officer; Terry Stader, KA8SCP, Region 1 RACES Radio Officer; Eric Horwitz, KA1NCF, North Shore ARES District Emergency Coordinator; Jim Palmer, KB1KQW, North Shore ARES Emergency Coordinator and Assistant SKYWARN Coordinator, and Jeff Arnold, K1EMS, North Shore SKYWARN Coordinator.

"I'd estimate more than 100 radio amateurs have been involved in the operation and spotting work across the region," Macedo told ARRL. "A half-dozen Amateur Radio volunteers have staffed the NWS office in Taunton over the past three days in shifts, and another half dozen hams have staffed the Massachusetts Emergency Management Agency State EOC and Region I Headquarters over the same period, he said.

So far municipal or Red Cross shelter operations have not needed Amateur Radio support, Macedo said, but ARES is on standby to assist those operations in Eastern Massachusetts if needed.

Rain has overspread much of the Northeast during the past several days, and more is in the forecast.



From ARRL web

SB QST ARL ARLB008 ARLB008 FCC WRC-03 amateur rule changes now in effect

Several FCC Part 97 Amateur Radio rule revisions to implement changes agreed to at the international level during World Radiocommunication Conference 2003 (WRC-03) now are in effect. The FCC Order, released in January, affects 97.111, Authorized transmissions; 97.113, Prohibited transmissions; 97.115, Third party communications, and 97.117, International communications. The Federal Register published the changes May 3.

"These amendments will ensure that the Commission's Amateur Radio Service rules conform to Article 25 of the international Radio Regulations adopted at the 2003 World Radiocommunication Conference, and will further the Commission's ongoing efforts to streamline its Amateur Service Rules," the FCC Order said. "The overall effect of this action is to update the Part 97 Amateur Radio Service rules in the Code of Federal Regulations to conform to now-effective international agreements."

The FCC Order revises:

* 97.111(a)(1) to permit "transmissions necessary to exchange messages with other stations in the Amateur Service, except those in any country whose administration has notified the ITU that it objects to such communications. The FCC will issue public notices of current arrangements for international communications." The old language permitted communication among amateur stations in different countries "except those in any country whose administration has given notice that it objects to such communications." The FCC said the change does not prejudice its proposal to amend 97.111(a)(2) to clarify that amateur stations may, at all times and on all authorized channels, transmit communications necessary to meet essential needs and to facilitate relief actions.

* 97.115(a)(2) to facilitate the transmission of international communications on behalf of third parties in emergency or disaster-relief situations, whether or not a third-party agreement is in place between the US and the countries involved. The revision now permits communication with any non-US station "when transmitting emergency or disaster relief communications" as well as with any non-US station "whose administration has made arrangements with the United States to allow amateur stations to be used for transmitting international communications on behalf of third parties." The revised rule further provides that no station may transmit third-party traffic other than emergency or disaster relief communications to a station in a country lacking a third-party arrangement. Still excepted from the prohibition is any third party eligible to be the control operator of an amateur station.

* 97.113(a)(4) to prohibit amateur stations exchanging messages with amateur stations in other countries from making transmissions that are encoded for the purpose of obscuring their meaning, except for control signals exchanged between Earth command stations and space stations in the Amateur-Satellite service, something Part 97 already provides for. The old rule referred to the use of "codes and ciphers." The same rule also already prohibits transmitting music, communications intended to facilitate a criminal act, obscene or indecent words or language and false or deceptive messages, signals or identification.

* 97.117 to state that amateur stations may transmit communications incidental to the purposes of the Amateur Service and to remarks of a personal character. The FCC also revised 97.3 and 97.309 to update the definition of International Morse code and of various digital codes in the amateur rules to reflect changes in the international Radio Regulations.

NNNN /EX

~Al Montoya WB6IMX

BOARD OF DIRECTORS MEETING.



BOARD OF DIRECTORS MEETING

, May 10, 2006 In attendance were the following PAARA members:

President **Terry Finn, AA6T**; Vice President **Peter Sheerin, K6WEB**; Secretary **Adrianus Schrauwen, W6AJS**; Treasurer **Ron Chester, W6AH**; Directors **Gerry Tucker, N6NV** and **Andreas Junge, N6NU**.

Visiting the Board meeting were: Badge Coordinator **Doug Teter, KG6LWE**; QSL Manager **Rob Riley KG6HVW**; Technical Coordinator **Joel Wilhite, KD6W**.

There was a Quorum.

President Terry Finn started general discussions at 19:45 hrs. The Minutes from the March 8 and the April 12, 2006 Board of Directors meeting were accepted as read..

The treasurer's report was read and accepted.

The PAARA Database was discussed. Peter stated that he passed the database to Mark Cohen K6EF and Rick Melrose KR6RDM. Corrections are being made. Adrianus will get access to the database as soon as the bugs have been worked out. Peter entertained a motion to allow a 3-month grace period for paying the dues, starting from last day of December, before cutting of the membership. Seconded by Andreas and passed with one abstension.

Peter discussed the upcoming list of speakers for the meeting.

A suggestion was made to get a speaker who will talk about IRLP and ECHOLINK related to Ham radio.

Flea Market , discussed was the last minute preparations for the May 13, 2006 flea market at De Anza College, sponsored by the PAARA...

Field day: Preparations are in place for the field day in June. The Media will have to be notified. Terry was requested to bring his caravan (Command Post).

Logistics will include a Group by Rick Kline to sell snacks.

Miscellaneous: Adrianus announced he will not be able to attend the June 2, 2006 PAARA meeting and the BOD meeting on June 7, 2006.

Rob Riley offered to take care of the cookies for the meeting and Terry offered to take notes at the BOD meeting.

The meeting adjourned at 21:15 hours.

Respectfully submitted by

Adrianus Schrauwen, W6AJS, PAARA Secretary

Mine disaster survivor

KC8VKZ recalls details of tragedy



(May 3, 2006) -- Randy McCloy, KC8VKZ--the lone survivor of the January 2 Sago Mine disaster in West Virginia--reportedly has expressed his sorrow and shared recollections of the tragedy with victims' families. "I cannot explain why I was spared while the others perished," McCloy wrote April 26, the Associated Press reports. The letter publicly revealed for the first time McCloy's memories of the incident that almost

took his life. Following weeks of hospital treatment and rehabilitation, McCloy, 26, is still recovering from the ordeal. While he does not remember the explosion that trapped 12 colleagues and himself in the mine, he said he does recall the mine's filling quickly "with fumes and thick smoke," making breathing difficult. He said at least four of the emergency air packs failed to function, so the miners shared the units that did and there were not enough to go around. The trapped miners also tried to signal their location by beating on mine roof bolts and plates with a sledgehammer. As they began to accept their fate, McCloy said, the group prayed and wrote letters to their loved ones. He says as his co-workers lost consciousness one by one, he just sat and waited, "unable to do much else." McCloy, who was not scheduled to testify during this week's hearing into the Sago Mine disaster, said he didn't know how long it was before he also fell unconscious from the gas and smoke. The McCloy's and their two children live in Simpson, West Virginia.

~Google Alert Ham Radio

Dear Fellow Amateur,
 QST QST QST QST, W6JEX HAM YARD SALE
 MAY 27,2006, 1000 - 1300 hours
 4455 Mary Ave., Corning, CA 96021, 824-5770, 147.105 talk in

Thirty plus years of stuff. Lots of aluminum . Many antennas . Some complete. Some not. Rohn tower. US Tower TX-472/motorized. Tx-472 non-motorized. Tubular tower. VHF radios. Packet stuff. Masts. Radio magazines. Complete collection of Ham Radio Magazine in binders. Test equipment. Much miscellaneous stuff.

Other tailgaters welcome. Bring what you have to sell. QTH is off Hoag Road in Corning. Mary Ave. Is 1/2 mile east of the Corning Cemetery.
 Bill W6JEX

SEMINAR & EXAM: AMATEUR ("HAM") RADIO

Offering a one day study session for Technician or General theory, followed by testing. Morse Code tests will not be given.

WHEN: Saturday, July 15, 2006: 8:00am - 5pm

WHERE: Los Altos FEE: \$30.00

Register: www.baears.com/signup.php

Questions: Ross Peterson wb6zbu@arrl.net or 650-349-5349

Class size is limited, reservations are required.

Sponsored by: LAARES (Los Altos Amateur Radio Emergency Service): <http://www.laares.org> & Los Altos Police CERT: <http://www.ci.los-altos.ca.us/police/cert/cert.html>

This course is open to the public. This one-day "cram" course is designed to help you obtain your Technician-Class Federal license [no Morse code] --the (EASY - 35-question, multiple-choice!) Federal exam is administered as part of the class. You can practice for the exam on the Web:

<http://www.aa9pw.com/radio/exam.html>



Technical Tip

Technical Tip:
Converting Local Time to UTC
by Vic Black, AB6SO

Since the earth's circumference is 360 degrees at the equator and each day has 24 hours, it follows that each hour encompasses 15 degrees of longitude.

This is a simple concept, but it was only a little more than a century ago that we standardized on 24 time zones with each one 15 degrees wide. Before that, business was conducted according to local sun time. By definition, noon occurred when the sun reached its highest point in the sky at a particular location. A city a few miles east or west of that location would have a different time because its longitude would be slightly different.

There are several different systems of time in use depending on various astrophysical concepts. In Amateur Radio we use UTC, or Unified Coordinated Time. Time and longitude are related with 15 degrees of longitude equaling 1 hour.

The 0 degree point is the meridian of Greenwich, England. The 15 degree wide time zones are labeled either plus (+) west of Greenwich or minus (-) east of Greenwich. They extend east or west from Greenwich to the International Date Line at 180 degrees. Time within each zone extends 7.5 degrees each side of its central meridian.

To convert local time to UTC, you need to know which direction you are from the Royal Observatory at Greenwich (think of London). Divide your longitude by 15 and round out to the nearest whole hour to find your time zone.

US

time zones are: EST (Eastern Standard Time) = -5 hours, CST (Central Standard Time) = -6 hours, MST (Mountain Standard Time) = -7 hours, and PST (Pacific Standard Time) = -8 hours. Daylight Saving Time reduces the zones by 1 hour each.

To convert from local time to UTC, use the 24-hour per day military system.

For minus (-) zones back up that many hours from your time zone. For plus (+) zones add that many hours to your time zone.

If you are in the Pacific Standard Time Zone, for example, and it is now 1500 (3:00PM), then 15:00 - 8 hours = 0700 (7:00AM) UTC. For political and economic reasons, a few places don't follow this system exactly in order to facilitate commerce with nearby cities in an adjacent time zone.

Technical Tip:
6 Meter Tip
by Vic Black AB6SO

Six meter band activity is on the rise, especially with the introduction of modern synthesized HF transceivers, which include 6 and 2 meter all mode functions. The band isn't open every day, though, so it's frustrating to hear about a 6 meter sporadic E opening a day after everyone else has worked the rare grids. A programmable scanner can alert you to openings by listening for beacons, but the beacons are mostly low power and there aren't a lot of them. Maybe there's a better way.

Here's how it works:

Program a scanner for every 6 meter FM repeater frequency you can find.

The

ARRL Repeater Directory is a good reference. Set the scanner squelch at threshold. When an opening occurs, the squelch will break to alert you and indicate what part of the country it's good for. Since repeaters use vertical antennas and SSB operators use horizontal antennas, and this can cause up to 20 dB attenuation in receiving, you'll want to use a separate omni directional vertical scanner antenna if you'll be transmitting on SSB.

This scheme works well because there is generally more activity on local repeaters than on beacons or the SSB calling frequency. Repeater users engaged in local QSO's may not be aware of an opening.

Repeaters use high power with gain antennas to put out strong signals and they ID every ten minutes. Hams monitoring only the SSB calling frequency may miss out because most will not be transmitting so there may not be anything for them to hear.

If you won't be near the scanner, try a cheap baby room monitor on the unlicensed 49 MHz band (same frequencies as older portable telephones). Check garage sales for one with a battery operated remote. Put the base unit next to the scanner and carry the remote. When the scanner breaks squelch, the room monitor will alert you by way of the remote wherever you are in the house. I call this "high tech trickle down"!



photo KD6W

photo KD6W



photo KD6W



Congratulations: May 5th PAARA Raffle Prize Winners

- 1st Prize: Kevin Weiler KG6YYW / Super Antennas MP-1 Antenna
- 2nd Prize: Mike Gavin W6WZ / Daiwa CN-801H SWR / Power Meter
- 3rd Prize: Bob Hinden KI6ASK / American Red Cross / FR-250 AM / FM / SW Radio
- 4th Prize: Gareth Baron KI6DQO / RayOVac Charger + Four NiMH Batteries
- 5th Prize: Tamra Johnson KG6VYA / Power Squid Outlet 110V
- 6th Prize: Alex Carter NS6Y / ARRL Desktop 06-07 Repeater Directory
- 7th Prize: David Ungar W6DH / ARRL QSO Log Book

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, **86 Radios**, including a Yaesu FT-847, an Icom 706 MK IIG, a Yaesu FT-897D, and TWO Elecraft KX1's have gone to Fellow Hams, THANKS TO YOU!

PAARA is having a remarkable year in 2006! If you aren't a member, please join PAARA now, and experience fun 2006 events with the "friendliest club around."

PAARA “The Friendliest Club Around”

PAARA “The Friendliest Club Around”

Palo Alto Amateur Radio Association, Inc. www.paara.org

Date and Time: Friday, June 2nd at 7 p.m.

Menlo Park Rec. Center, 700 Alma St., Menlo Park, CA.

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: Field Day Heil Pro-Set Plus

Dual microphone elements HC-5 full range & HC-4 DX



- Light weight and extremely comfortable
- Boom swings 180 degrees for right or left operation
- Self-adjusting cushioned headband
- Highly efficient tuned speaker cavities
- Stereo headset for Dual Diversity or Dual Receiver operation
- Phase reversal switch / Changes sound field centered or wide

SECOND PRIZE:

Field Day Multi-Function Jump Starter

900-peak amps, 12V, 17 amp hour lead acid battery



- Built-in 150 watt DC to AC power inverter
- Dual 15 watt spotlight / emergency flasher
- Dual fluorescent light
- Power port for 12V DC power
- Built-in 260 PSI tire inflator with pressure gauge
- Overcharge protection extends battery life

THIRD PRIZE: Kill A Watt / AC Electricity Usage Monitor

FOURTH PRIZE: 6” Digital Caliper / Accurate to 0.001 / Resolution 0.0005

FIFTH PRIZE: ARRL “Large Easy-to-Read Size / 2006 – 2007 Repeater Directory

SIXTH PRIZE: QSL Card Holder

SEVENTH PRIZE: QSO Log Book

Since February 2003, 86 Radios, including a Yaesu FT-847, an Icom 706 MK IIG, a Yaesu FT-897D, and Two Elecraft KX1’s have gone to Fellow Hams.

Special Thanks to Bob, Howard, Rick, Mark, and everyone at HRO for their continued SUPPORT

PAARA member plays in San Francisco musical.

Our very own **Ron Sfarzo, KG6JQT**, can be observed and heard between June and July in San Francisco at the American Conservatory Theatre. He will be participating in the orchestra as the accordion musician during a musical known as:

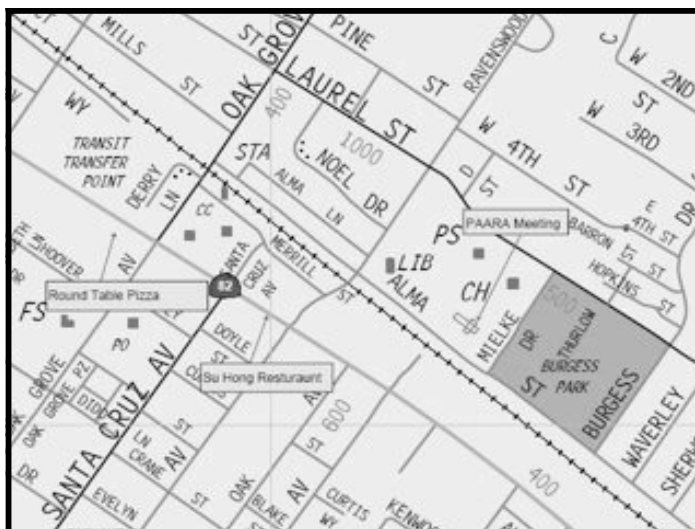
“Happy End”. It always amazes me to learn of the various incredible abilities of our PAARA members. We encourage you and your house guests to take in this elaborate, fun, stage performance. You may check the website of the ACT for further information.

http://act-sf.org/index.cfm?s_id=&pid=txt_hap

Many of you will remember Ron from his old job of Menlo Park Police Officer.

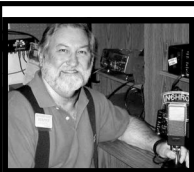
In fact he is clearly depicted in many past Field Day event photos.

~Terry Finn. AA6T.



Directions to PAARA meeting:

<http://paara.org/meetings/>



Howard at HRO says: “HAM accessories and gift certificates are available at HRO. Congratulations to PAARA on a successful year.”

HAM FEST

at

ANGELINO'S RESTAURANT

3132 Williams Road, at Winchester Blvd.

2:00 PM

Second Sunday each month

www.Angelinosrest.com

PAARA Radio NET

and Swap Session
 every Monday evening
 8:30pm local time

on the

145.230 –600 MHz repeater

PL tone off

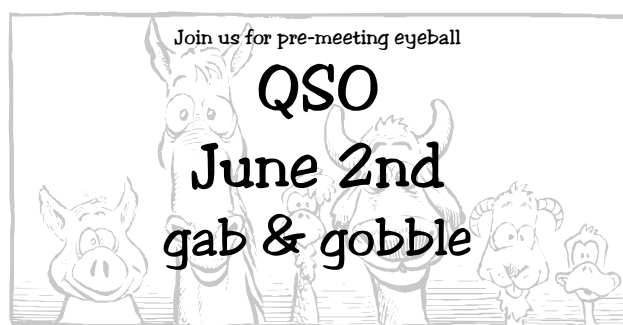
control operators:

Week	Operator
1 st Mon.	Pink Foster, KG6ILA
2 nd Mon.	Peter Sheerin, K6WEB
3 rd Mon.	Peter Sheerin, K6WEB
4 th Mon.	Bill Rausch, AA6PA
5 th Mon.	Volunteer!

Palo Alto Amateur Radio Association
P.O. Box 911, Menlo Park, California 94026-0911
 Club meetings are on the first Friday of each month, 7:00pm at the Menlo Park Rec Center, 700 Alma Street, Menlo Park, CA.
 Radio NET & Swap Session every Monday evening, at 8:30pm, on the 145.230 –600 MHz repeater, PL tone off.

Membership in PAARA is \$18.00 per calendar year, which includes one subscription to PAARAgaphs \$6 for each additional family member (no newsletter).
 Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026-0911

Permission is granted to reprint from this publication with appropriate source credit.



Food will be served at 6:00 sharp, so guests will be on time for the PAARA meeting. Those arriving late will be responsible for their own food order.

5:30 pm—at Su Hong Restaurant
1039 El Camino Real
Menlo Park

*across from Kepler's Book Store
 on El Camino Real
 Walking distance from Caltrain!*

PAARA BADGES



To order one,
 contact our Badge Coordinator:

Doug Teter, KG6LWE
 dteter@wcvl.com

W6AZ



Ron Chester
 Santa Clara
 (408) 243-2221
 Ron@taxhelp.com

Tax Preparation & QuickBooks Consulting - Ham Discount



VENUS CAFE

CAPPUCCINO • LATTE • MOCHA
 CROISSANTS • MUFFINS • PASTRIES
 BREAKFAST • SANDWICHES • BURGERS
 ICE CREAM • SHAKE • FLOAT

2655 Broadway Ave (At El Camino Real) • Redwood City • Ca. 94063
 • Telephone: (650) 368-9200

SCANNERS UNLIMITED

1656 EL CAMINO REAL
 SAN CARLOS, CA 94070
 (650) 573-1624

SCANNERS, HAM RADIOS, CB
 RADAR DETECT .SHORTWAVE
 ANTENNAS, ACCESSORIES
 BRING THIS CARD IN FOR A 15%
 DISCOUNT ON ACCESSORIES
 5 % DISCOUNT ON RADIOS

PowerFlare®

PowerFlare® safety lights:
 Ultra-rugged 360 degree LED beacon
 for your emergency kit, car, home ...
Order on eBay or call 650-322-2476
 (search for "PowerFlare")

A SMALL CHURCH WITH A BIG HEART



FIRST BAPTIST CHURCH
 OF MENLO PARK

FRIENDLY • BIBLICAL • CARING

REV. RICK LINE, KG6TMD
 SENIOR PASTOR
 PASTOR@FIRSTBAPTIST.COM

1100 MIDDLE AVENUE
 MENLO PARK, CA 94025
 TEL: 650-323-8544
 FAX: 650-323-8546
 WWW.FIRSTBAPTIST.COM

MADONNA'S BAIL BONDS



Ayudamos a la Comunidad Hispana



REDWOOD CITY — 650-366-9111
 SAN FRANCISCO — 415-495-2245
 SAN JOSE — 408-266-2245

TERRY FINN CA License # 1A38965 AA6T

234 Marshall Street, UPSTAIRS #3 Redwood City, CA 94063-1550

HAMSTOP.COM

Great Products • Affordable Prices

Mitchell Cipriano
 mitch@hamstop.com

467 Reynolds Circle
 San Jose, CA 95112-1119

888.676.4426 / 408.453.6007
 408.453.6014 fax
 www.hamstop.com

AE6AI



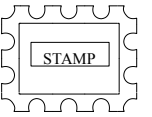
PAARAgaphs Ad Rates

PAARAgaphs accepts paid advertisements from non-members. (short personal ads remain free for members in good standing). All ad rates listed are per issue only.

1. Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size).
2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.

These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the association. The PAARAgaphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association.

All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Terry Finn, AF6TF



PAARAglyphs—June 2006

Palo Alto Amateur Radio Association, Inc.
PAARAglyphs Newsletter
P.O. Box 911
Menlo Park, California 94026

FIRST CLASS MAIL



photo KM6EP

OK Guys, This Better Be Good

12 STORE BUYING POWER

KENWOOD

SUNNYVALE, CA
510 Lawrence Exp. #102, 94035
(408) 736-9496
(800) 854-6046
Rick MSD, Co-Mgr.
Howard WGHDC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark W7VYA, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

TH-07AG1 2M/440
• 2M/440 Dual Band
• Built-in 1200/9000 Built-in TCXO
• APX5 Compatible
• 100 Wm. Output
• 200 Wm. CTCSS
• VCH-Messaging Control
Low Pricing!

TS-2000 HF/VHF/DHF TCXO
• 100W HF, 50W VHF • 50W TCXO
• 100 Wm. Output
• If Ship. DSP • Built-in TCXO, TX sweeper cleaner
• Bypass front key panel
Low into Price!

TM-0700A 2M/440 Dualband
• 50W VHF 50W UHF • Opt. Voice Synthesizer
• Receiver: 11.8100 MHz (not blocked)
• 200 Wm. Output
• 200 Wm. CTCSS
• Advanced SPSS Features
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Price!

IC-705MKG HF/VHF Transceiver
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

IC-756 PRO III All mode Transceiver
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

DR-1351T 2M mobile
• 50 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

YAESU
VX-7R
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

ALINGO
J-136T 2M/HT
• 50 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

FT-857D
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

FT-1000MP MKV HF Trans.
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

COAST TO COAST
FREE SHIPPING
Call for Low Price!
Map of California showing shipping routes.
Low Price!

YAESU
FT-857D
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
• 100 Wm. Output
Low Pricing!

Sunnyvale, 510 Lawrence Exp. #102 (408) 854-6046