

W6OTX**W6ARA****PAARA NEWSLETTER**

VOLUME 57, NUMBER 4, April 2007

K6OTA**K6YQT**

PAARAgraphs



Celebrating 70 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.



CALENDAR



- Apr.....6, **PAARA Meeting**, 7:30
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- Apr.....11, **PAARA Board Meeting**, 7:30
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- May.....4, **PAARA Meeting**, 7:30
- May.....9, **PAARA Board Meeting**, 7:30
- June.....1, **PAARA Meeting**, 7:30
- June.....6, **PAARA Board Meeting**, 7:30

NEXT MEETING

April 6, 2007

SPEAKER

and **PROGRAM:**

Bob Lanning W6OPO

"Repeater Coordination & Coordinating Councils"

Bob Lanning W6OPO will talk about:

"What is a coordination?"

"Who are these coordinating councils?"

and

"What authority do they have?"

The session is conducted in an informal manner, with information about coordination, and also includes material from the web site. There will be an open-air questions and answers session.

President's corner

Spring has sprung and the recent warm weather motivates me to get out and start operating portable. My favorite setup can often be seen when I set up to my station at Am-Tech Day (<http://am-tech.info>), sponsored by the Foothills Amateur Radio Society. This once a month activity gives us an opportunity to set up and test our portable stations and provides amateurs who are new to our hobby a with chance to talk to experienced operators and get their advice.

When I operate portable, I use my Elecraft K2-100 powered by the largest sealed lead-acid battery I feel comfortable carrying (usually about 12 AH). The K2, while a bit bigger than some portable rigs, has some great redeeming features. It is relatively lightweight, has an unmatched receiver in a small package, is quite rugged, and has low receive current. The way I usually configure my K2, it draws approximately 380 mA on receive. In full QRP trim that can be shaved down to about 160 mA. Low receive current lets me carry smaller batteries or operate for a longer time.

The antenna I like best for portable operation is the Pacific Antenna PAC-12 (<http://www.pacificantenna.com>). This antenna weighs in at about 2 or 3 pounds and is quite compact and easy to set up. It is made from 1/4" aluminum round stock with loading coils wound on high grade PVC pipe. While the manufacturer produces a coil which can be adjusted to resonate the radiator throughout the HF bands, I prefer using a few coils which are tuned to key bands: 40m, 30m, 20m, 15m. This reduces losses from circulating currents in the shorted section of the adjustable coil. By adjusting the length of the telescoping whip on top of the coil I can adjust the antenna to cover HF bands from 40m through 10m while matching my transmitter well enough to avoid using a tuner.

For a portable antenna, ground losses are typically the biggest problem. This is why I carry the largest set of radials which I feel I can carry. A minimum number of radial wires for me is typically 13 and sometimes I use as many as 39. I see many people only using 4 radials for a shortened vertical and that setup throws away (heating the earthworms) much of the power which the transmitter is attempting to deliver to the 'ether'. That can easily make the difference between working a station and not.

With the warm weather returning and improved Spring propagation, I hope to hear you on the air signing /P soon!

~Kristen K6WX

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://www.siliconradio.org/> or AJ, WB6IMX@aol.com

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. Kravitz, N6HM 650-856-9761
 Contact: <http://www.electronicsfleamarket.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.livswap.com or contact Ian Parker, W5TCP at enginet@livermorepark.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.fars4fun.org/>

NCDXC Northern California DX Club
 meets 3rd Thursday 7:30pm each month,
 repeater for member info 147.360, Thur 8:00PM
 contact: <http://ncdxc.org/> or Mike Gavin W6WZ, (650) 831-8699

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 345.27, 440.30 MHz
 contact: <http://spospecs.org/> or Tom Casnow, KF6LWZ, 650-682-0441

SCARES South County Amateur Radio Emergency Service
 meets 3rd Thursday 7:30pm each month, San Carlos City Hall.
 Net is on 146.445 (PL 114.5) & 444.50 (PL-100) 7:30 Monday evenings.
 contact: President Gary D. Ades, K6GDA 650-745-1267(D), 650-595-5590 (S)
 Web: <http://k6gpa.org> E-mail: pres@k6gpa.org

SCCARA Santa Clara County Amateur Radio Association
 Operates W6UJ & W6URF, repeater 146.565-pl
 Net: 2a, 7:30pm Mon; 7pm, 442.4254 (4 107.2) Thur.
 meets 2nd Mon each month @ 7:30 PM
 contact: <http://www.sccara.org/> or Clark Magly K6GKXO 408-252-9734
 ARRL/VLC license testing contact 408-507-4689

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

WVARA West Valley Amateur Radio Association
 W6FY six-sector repeater on 52.5MHz. Normally, six-sectors is linked with 147 and 223, while 441 and 1280 repeaters are linked.
 VHF: 52.58 (+500) 151.4 ctos UHF: 441.35 (+5.0 88.5) ctos
 147.39 (-600) 151.4 ctos 1286.20 (+120) 1280 ctos
 223.96 (-1.6) 155.7 ctos
 meets 3rd Wed every month
 contact: <http://wvara.org/>, 801 Ashby N6PFC, 408-267-3118, N6PFC@juno.com, or N6PFC@ARRL.NET

DISASTER SERVICES

American Red Cross, PALO ALTO AREA CHAPTER
 400 Mitchell Lane
 Meets 3rd Wed. each month 7:00PM
 HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite
 contact: <http://paaras.org/> or Vic Millan 650-488-0423, V6CM@paaras.org
American Red Cross, SANTA CLARA VALLEY CHAPTER
 contact: <http://santacalarcross.redcross.org/> or Scott Hossley KB6UJO, (408) 967 7924
shossley@scvrc.com

(please send changes to PAARAgaphs editor: tbvra@arrl.net)

 * **LIFE MEMBERSHIP** *
 * Awarded by Action of the PAARA Board *
 * **Ron Panton, W6VG July 2003** *
 * **Joe Gomes, KB6HDC May 2004** *
 * *****

Have you paid your 2007 dues?

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Officers

- President.....Kristen McIntyre, K6WX 510-703-4942
kristen@alum.mit.edu
- Vice President.....Joel Wilhite, KD6W 650-325-8239
joel.wilhite@gmail.com
- Secretary.....David Ungar, W6DH 650-255-2131
ungar@mac.com
- Treasurer.....Ron Chester, W6AZ 408-243 2221
w6az@arrl.net

Directors

- Past President.....Terry Finn, AA6T 650-366-9111
terry@incognitoservices.com
- Director ('07).....Gerry Tucker, N6NV 650-326 4908
n6nv@arrl.net
- Director (07).....Andreas Junge, N6NU 650-233-0843
n6nu@arrl.net
- Director ('08).....Doug Teter, KG6LWE 650-367-6200
kg6lwe@arrl.net
- Director ('08).....Rob Riley, KG6HVW (cell) 650 799-1607
kg6hvw@arrl.net

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

Appointed Positions

- Membership.....Vic Black, AB6SO 650-366 0636
ab6so@srmn.com
- Database.....Rick Melrose K6RDM 408-732-2247
k6rdm@arrl.net
- Chaplain.....Rev. Rick Line, KG6TMD 650 323 8544
kg6tmd@arrl.net
- 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 650-595 1842
rgk4u@aol.com
- Badge Coordinator.....Doug Teter, KG6LWE 650-367-6200
kg6lwe@arrl.net
- Raffle Coordinator.....Jim Rice, K6AK 650-851-2274
- Ticket Master.....Kyle Rice, KG6MSK
- Field Day Coordinator.....Gerry Tucker, N6NV
- ASVARO Rep.....Rolf Klibo, N6NFI 650-856-2748
n6nfi@arrl.net
- Webmaster.....position vacant
- Technical Coordinator.....Joel Wilhite, KD6W.....650-325-8239.
joel.wilhite@gmail.com
- QSL Manager.....Rob Riley, KG6HVW (cell) 650 799-1607
kg6hvw@arrl.net
- Events Coordinator.....Elaine Gibbons, WA6UBE
w6ube@arrl.net
- Speaker Coordinator.....Joel Wilhite, KD6W 650-325-8239
joel.wilhite@gmail.com

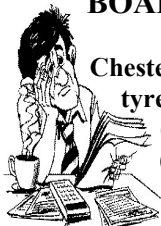
PAARAgaphs Staff

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aa6t@arrl.net
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- Member Profiles.....Terry Finn, AA6T 650-366-9111
terry@incognitoservices.com
- Technical Tips.....Vic Black, AB6SO 650-366 0636
ab6so@srmn.com

The new PAARAtrip coordinator will be:
 Elaine Gibbons, WA6UBE. 408-923-0843. w6ube@arrl.net

PAARAGraphs—April 2007
 Celebrating 70 years as an *active* ham radio club—*Since 1937*

BOARD OF DIRECTORS MEETING.



Chester W6AZ (Treasurer), **Wally Porter K6URO** (PAARAGraphs Editor), **Jole Wilhite KD6W** (VP), **Kristen McIntyre K6WX** (Pres.), **Rob Riley KG6HVW** (Dir.) **Rick Melrose K6RDM** (database and dues), **Gerry Tucker N6NV** (Dir.), **Vic Black AB6SO**, **Doug Teeter KG6LWE** (Dir.), **Elaine Gibbons WA6UBE** (tours), **John McCollum** (Boy Scouts), **Dave Frydenlund** (Boy Scouts) and **David Ungar W6DH** (Sec.), who arrived a bit later. > (Thanks to **Doug KG6LWE** for taking notes till I arrived.)

The board took up old business: At the last meeting, attendance was excellent (80+). People who want to make announcements must arrive promptly at meetings. Future meetings' speakers were discussed. **Joel Wilhite KD6W** is working to set up a PAARA field trip to KNTV's transmitter in April and will coordinate with **Elaine Gibbons WA6UBE**. We next heard the Treasurer's report, which indicated that last month was good for our finances. A month ago, the board formed a new website committee, however the site remains out-of-date. The members of the committee who were present volunteered to check in to the situation. We next discussed membership cards, which will be printed and distributed. **Elaine Gibbons WA6UBE** then led a discussion of upcoming PAARA tours and events. The board decided to name this activity "PAARAtrips." **Elaine Gibbons WA6UBE**, tour and event coordinator, has tentative plans for some exciting tours, and is researching logistics. The tours will be announced in PAARAGraphs and at meetings as the plans firm up. Speaking of PAARAGraphs, members are encouraged to contribute articles. PAARA's flea market is coming up on July 14, and volunteers are needed. As in other flea markets, **Joel Wilhite KD6W** and **Doug Teeter KG6LWE** will raise funds for the club by selling donated equipment. (Thanks!) The board also discussed the club's 70th anniversary, received a report from the Bylaws Committee, and took up the subject of the club's relationship with the Red Cross.

Next came new business. **John McCollum** and **Dave Drydenlund** came to invite PAARA to participate in an upcoming Scout-o-Rama, scheduled for May 12th. They were hoping that PAARA could set up a booth to promote and demonstrate ham radio. The event will be in San Mateo's Central Park. **Elaine Gibbons WA6UBE** offered to bring her military com vehicle, and **Kristen McIntyre K6WX**, **Joel Wilhite KD6W**, **Ron Chester W6AZ**, and **Doug Teeter KG6LWE** also volunteered to participate. At that point, it became clear that combined with other members of the club who would likely want to participate, we had enough volunteers to staff a booth.

> The board discussed the date of the July PAARA meeting and decided to keep the meeting on July 6th. Next, the board discussed the events that caused the March PAARAGraphs to be mailed to obsolete addresses. Other topics discussed included putting together a kit of all information needed by future PAARA Presidents (**Kristen McIntyre K6WX** is getting this together), the upcoming Maker Faire, and some newly-donated equipment. Finally it was stunning to realize that there were only 15 weeks left before field day. It is time to start organizing.

~David Ungar W6DH, PAARA Sec.

PAARA 70th ANNIVERSARY

W6AZ WAS Challenge Update

The first instructions for sending in WAS updates is in a separate announcement in this issue, so I don't have a pile of reports this month, but I'll get the ball rolling with my own update.

W6AZ 12 States Worked

Send in your report and see your own callsign and WAS counter in the next newsletter!

This is not a contest, a race, a competition. It is a Challenge. My challenge to all PAARA members is to get on the air and make QSOs. This could be a big challenge for those newly licensed, or those newly upgraded to hf privileges. To the old timers who have already worked all states before, it could seem like a "been there, done that." Fair enough, but that's where I will encourage you to consider how you could make it a challenge for yourself to work all states by 2/15/08.

Perhaps you could do it all on one band, or one mode, or using a particular rig, or a particular antenna. Does it seem too easy to work all states from your home QTH with the 70 ft tower and tribander? Well challenge yourself by doing it from portable locations, such as by the Bay in your car, driving down 101, or at Amtech Day. We all have ways to make it a challenge for ourselves. Do that. For example, my states reported on above were all worked with 1 watt or less power out, as that was a challenge for me. I worked Hawaii on SSB with 1 watt out on 20m (easy), 40m (harder), and 80m (a lot harder). I made my CA QSO by working Santa Cruz on cw with 16 milliwatts out.

I will be happy to endorse your Anniversary WAS Certificate with whatever particular challenge you made for yourself. For example: "This award was earned by working all stations on 40m & 80m only, using a restored 1960's boatanchor station, feeding a simple wire antenna up only 22 feet." Have some fun with this and improve your ham skills in the process. And inspire others to participate by doing so!

The Challenge is already getting great results. A new club Director was seen clambering around his Menlo Park roof, planning how to best rig a dipole to earn his WAS. Another new Director was spotted at a local burger joint, sketching his backyard on a napkin for an oldtimer, as they discussed how to best launch rf into the ether from his new Kenwood TS-820S. Yes!! Keep up the good work!

~Ron Chester, W6AZ

Over two years ago, the board formed a bylaws committee in order to revise the club bylaws. That committee worked hard on the revisions, but did not finish a draft before being dissolved at the January board meeting. A new committee was formed, which built upon the work of the original committee and finalized a draft of the revised bylaws. The original bylaws should be posted on the club web site by the time you read this, and the revised draft is included below. At the April club meeting, we will entertain a motion to amend the bylaws. The proposed revision will be printed again in the following PAARAgaphs, and at the May club meeting, we will vote on whether to accept the proposed revision. If you want to vote on this matter, please study the draft bylaws below and attend the May meeting. You must be present to vote.

~David Ungar W6DH, PAARA Secretary

Palo Alto Amateur Radio Association Bylaws

As Amended January 8, 1999.

By-Laws for the regulation, except as otherwise provided by statute or its articles of incorporation of Palo Alto Amateur Radio Association, Inc.

Article I: Members

- a. The members of this corporation shall be divided into two classifications, namely active members and associate members. An active member shall be any person holding a valid amateur radio operator's license. All other members shall be associate members. All members shall have full voting privileges, but only active members may hold office.
- b. Any prospective member may apply for membership at his/her first attended meeting. Applications for membership may be voted upon at their second attended meeting. A three-fourths majority of the members present shall be required to elect an applicant to membership.
- c. Upon being elected to membership, the applicant shall pay dues at a rate set by the Board of Directors.
- d. Upon election and payment of dues, the applicant's name shall be inscribed in the membership book. All dues shall become payable on January 1 for the ensuing year, and members elected to membership during the course of a year shall make a pro rata payment for the balance of the year.
- e. Any member who fails to pay dues for a period of three months shall, at the discretion of the Board of Directors, be dropped from the membership book of the corporation.

Article II: Corporate Powers

The corporate powers of this corporation shall be vested in a Board of Directors, all of whom shall be members of this corporation in good standing. Five members of the Board of Directors shall constitute a quorum for the transaction of business.

Article III: Board of Directors

The Board of Directors shall consist of the officers, four directors and the immediate past president.

Article IV: Powers of Directors

Regular meetings of the Board of Directors shall be held at the call of the President or, in his/her absence, the Vice-President, on such notice as is determined by the Board of Directors. Special meetings of the Board of Directors may be called by the President or Vice-President on twenty-four hours' notice to each director, either personally, by mail or by telephone. The Directors shall have the power:

- a. to set the dues rate;
- b. the Directors shall consider and report at each meeting all proposals for the benefit of the individual members or the general welfare of the corporation;
- c. the Board of Directors shall adopt ways and means for the advancement of the corporation, designate work to be done between meetings of the corporation, audit all accounts for expenses, and direct the expenditure of funds of the corporation but not in excess of the amount held by the Treasurer.
- d. to have general charge of all interests of the organization.

Article V: Duties of the Directors

It shall be the duty of the Directors to keep complete records of all their meetings and acts, and make reports to the general membership.

Article VI: Duties of the President

It shall be the duty of the President to preside at all meetings of the corporation and to preside at all meetings of the Board of Directors. The President shall prepare a budget at the beginning of his/her term and a financial report at the end of the term. The President shall request, on a regular basis, from the Treasurer, a list of income and expenses. It shall be the further duty of the President to appoint replacements of officers and directors not able to serve their term. Appointees shall serve until the next regularly scheduled election. Make all committee appointments.

Article VI: Duties of the Vice-President

It shall be the duty of the Vice-President to assist the President and to perform all the duties of the President during his/her absence.

Article VIII: Duties of Secretary

It shall be the duty of the Secretary to receive all communications that may be addressed to the club or that may be submitted by the other officers of the club and to keep a full report of the proceedings of each meeting. The Secretary shall read all communications upon request of the President. The Secretary shall maintain a book listing all members of the organization and shall perform such other duties as may be required by the club. The Secretary shall also promptly deliver up all books, paper, or other property of the corporation to his/her successor in office, or whomsoever the club may appoint.

Article IX: Duties of Treasurer

It shall be the duty of the Treasurer to receive all dues and moneys belonging to the club and pay all orders drawn by the Board of Directors and approved by the President.

Article X: Election of Officers and Term of Office

The President, Vice-President, Secretary and Treasurer shall be elected for a period of one year and two directors shall be elected for a period of two years at the annual meeting in November and to serve the next calendar year. In September of each year the president shall appoint three persons to serve as a nominating committee. The committee will select and interview a slate of nominees for officers and directors seats. The slate of nominees will be introduced at the October general meeting. Additional nominations will be accepted from the floor at this time, after which nominations will be closed. No person may be nominated without the nominees' willing acceptance. The election will be held at the December regular meeting. The Secretary will report the election results as the last order of business. The nominating committee is disbanded at this time.

Article XI: Official Station Trustee

The Trustee of the club station license, call sign W6OTX, shall be a member in good standing. The Trustee shall be selected by the Board of Directors and serve an indefinite term. The Trustee shall have a valid operator's license either Extra or Advanced Class and be responsible for the timely renewal and maintenance of the station license.

Article XII: Bylaw Amendment

The Bylaws of the corporation may be amended by a three-fourths vote of the membership in attendance after due notice as provided herein. Proposals for amendment shall be submitted in writing at a regular meeting of the corporation. Motion to amend the Bylaws of the corporation made at any regular meeting shall be mailed to each member at least fifteen days prior to the next regular meeting, at which time a vote will be taken. Votes of absentee members may be exercised by written proxy.

(Continued on page 41 By-Laws)

PAARAGraphs—April 2007
Celebrating 70 years as an active ham radio club—Since 1937

(Continued from page 40 By-Laws)

Article XIII: Order

In any question coming before a meeting for which no provision has been made in the articles of incorporation and by-laws, the officer presiding over the meeting shall be governed by Roberts Rules of Order.

And here are the proposed bylaws:

BYLAWS of the
PALO ALTO AMATEUR RADIO ASSOCIATION, INC.

As amended in full on [date].

Bylaws for the regulation, except as otherwise provided by statute or the Articles of Incorporation, of the Palo Alto Amateur Radio Association, Inc.

ARTICLE 1.MEMBERS

A. The members of this Association shall be divided into two classifications, namely full members and associate members. A full member shall be required to hold a valid Amateur Radio operator's license. All other members shall be associate members. All members have full voting privileges, but only full members may hold an elected office.

B. Any prospective member may join the club at any time by completing a membership application and paying dues for the current year at the rate set by the Board of Directors.

C. Upon payment of the dues, the new member's contact information shall be entered into the membership database of the Association. All dues shall become payable on January 1 for the ensuing year, and members joining during the course of a year shall make a pro rata payment with a minimum of six months payment for the balance of the year.

D. Any member who fails to pay renewal dues for a new year by March 31 shall, at the discretion of the Board of Directors, be dropped from the active membership records of the Association.

E. The Board may, by majority vote, grant lifetime membership status to any member or past member of the Association who has warranted such recognition by extraordinary service and contributions to the Association over many years. Life Members are not required to pay dues any longer.

F. When necessary, the Board of Directors may establish fair and equitable procedures for considering the suspension or termination of the membership status of any member. Any such procedures must be clearly written and available to any member upon request. Suspension or termination can only be carried out after a finding that the member interfered with Association activities by engaging in conduct that was seriously prejudicial to the reputation, interests, or purposes of the Association.

ARTICLE 2.CORPORATE POWERS

The corporate powers of this corporation shall be vested in a Board of Directors, all of whom shall be full members of this Association in good standing.

ARTICLE 3.BOARD OF DIRECTORS

A. The Board of Directors shall consist of four Officers, namely the President, Vice President, Secretary, and Treasurer, plus four Directors. During the first year that a newly elected President serves, the immediate past President shall be invited to serve on the Board for one additional year, as a fifth Director, to assist the Board with his/her expertise and to help smooth the transition from one administration to the next.

B. Five members of the Board of Directors shall constitute a quorum for the transaction of any business requiring a vote. All Officers and Directors shall have an equal vote on all such matters, with decisions made by a majority of those present.

C. All Officers and Directors serve without compensation, are expected to attend all Board meetings, and to assist with the club activities all year.

D. Regular meetings of the Board of Directors shall be held at the call of the President or, in his/her absence, the Vice-President, on such notice as is determined by the Board of Directors. Special meetings of the Board of Directors may be called by the President or Vice-President on at least twenty-four hours' notice to each member of the Board, by at least two of the following means: in person, by amateur radio, by postal mail, by E-mail, or by telephone.

ARTICLE 4.POWERS AND RESPONSIBILITIES OF THE BOARD OF DIRECTORS

The Board of Directors shall:

- (a) set the dues rate;
- (b) consider all proposals for plans or actions to accomplish the purposes of the Association;
- (c) adopt ways and means for the advancement of the Association and designate work to be done between meetings of the Board;
- (d) have general charge of all interests of the Association;
- (e) create and dissolve committees and other non-Board positions. The Board shall charge them with appropriate purposes and authorities, as needed for conducting Association activities and accomplishing the Association purposes;
- (f) ratify, by majority vote, the members that the President is privileged to appoint to the committees and other non-Board positions that the Board has established;
- (g) monitor all financial accounts, direct the expenditure of funds of the Association, but not in excess of the amount held by the Treasurer, and ensure the financial viability of the club.

ARTICLE 5.DUTIES OF THE DIRECTORS

It shall be the duty of the Directors:

- (a) to provide leadership and direction to the Board and the club;
- (b) to act according to the best interests of the Association and its purposes.

ARTICLE 6.DUTIES OF PRESIDENT

It shall be the duty of the President:

- (a) to preside at all regular meetings of the Association and to preside at all meetings of the Board of Directors;
- (b) to appoint replacements for Officers and Directors not able to serve their complete term, as well as to fill otherwise vacant positions on the Board. These appointments do not require the ratification of the Board, but such appointees shall only serve until the next regularly scheduled election;
- (c) to appoint members to committees and other non-Board positions established by the Board, subject to the ratification by the Board.

ARTICLE 7.DUTIES OF VICE-PRESIDENT

It shall be the duty of the Vice-President:

- (a) to assist the President;
- (b) to perform all the duties of the President during his/her absence.

(Continued on page 42 By-Laws)

(Continued from page 41 By-Laws)

ARTICLE 8.DUTIES OF SECRETARY

It shall be the duty of the Secretary:

- (a) to receive all communications that may be addressed to the club or that may be submitted by the other members of the club and to keep a full record of the proceedings of each meeting. The Secretary shall read all communications upon request of the President;
- (b) to make reports of the Board meetings to the general membership;
- (c) to keep the Articles of Incorporation and Bylaws of the Association and have the same with him/her at every meeting. He/she shall note all amendments, changes and additions to these documents and shall permit them to be consulted by members upon request;
- (d) to take charge of the annual election process, including ensuring that the pre-election deadlines are met, that only members vote, that all votes are properly tabulated and results properly announced to the membership. The Secretary shall also keep track of all committee and special position appointments and ensure that they are accurately reported in the Association newsletter;
- (e) to ensure that the membership roster is well-maintained at all times, and notify the Board whenever there is a possibility the Association will be disqualified from ARRL affiliation, or any other affiliations currently held;
- (f) to promptly deliver up all books, papers, or other property of the Association to his/her successor in office.

ARTICLE 9.DUTIES OF TREASURER

It shall be the duty of the Treasurer:

- (a) to receive and bank all monies paid to the club including the responsibility for oversight of the collection of membership dues;
- (b) to keep an accurate account of all monies received and expended;
- (c) to pay all Association bills, but only with proper authorization, according to the procedures adopted by the Board of Directors;
- (d) to submit financial statements to the Board of Directors, at its regular meeting after the end of each quarter, that accurately reflect the income and expenditures of the Association;
- (e) to promptly deliver everything in his/her possession belonging to the Association to his/her successor in office.

ARTICLE 10.ELECTION OF OFFICERS AND TERMS OF OFFICE

- A. The President, Vice-President, Secretary, and Treasurer shall be elected for a period of one year, to serve the next calendar year. In addition, two Directors shall be elected for two-year terms and two more Directors shall be elected for one-year terms. The Directors' terms shall be staggered, so that at each election one of the two-year terms will be expiring and one of the two-year terms will have one more year remaining. This staggering of terms means that at every election there will be three Director positions open for election: one for a two-year term and two for one-year terms.
- B. In the event that a two-year term Director is unable to complete the first year of his/her term, that first year will be completed by an appointee, as specified in Article VI, and the next election shall choose a Director to serve the second year of that two-year term. This will ensure that the proper staggering of Director positions is maintained, as specified above.
- C. During the one year that an immediate past President serves as the fifth Director, this position is held at the pleasure of the immediate past President, and is not part of the election process.
- D. In September of each year the President shall appoint three persons to serve as a nominating committee. The committee shall interview and select a slate of nominees for Officer and vacating Director positions.
- E. The slate of nominees shall be introduced at the October general meeting. Additional nominations shall be accepted from the floor at the October and November general meetings. No person may be nominated without the nominee's willing acceptance. At both of these meetings, any nominee that wishes shall be given an opportunity to solicit votes by communicating their qualifications and reasons for their running. Nominations shall be closed at the end of the November meeting.
- F. The final slate of nominees shall be published in the December newsletter and the election shall be held at the December regular meeting by secret ballot. No quorum is defined or required for this election. Members must be present at the meeting to vote. Voting by proxy is not permitted. Each position on the ballot is filled by the nominee receiving the greatest number of votes for that position. Ties are resolved by a flip of the coin witnessed by the tied candidates, immediately after the ballots have been counted. The Secretary shall report the election results as the last order of business at the December meeting. The election process is then complete and the nominating committee is disbanded.
- G. Any elected Officer or Director may be removed by a three-fourths vote of the general membership, said vote to be initiated by a majority vote of the Board.

ARTICLE 11.OFFICIAL STATION TRUSTEES

The Trustees of the club station licenses shall be full members in good standing. The Trustees shall be selected by the Board of Directors and serve at the discretion of the Board. The Trustees shall have valid Extra Class licenses and shall be responsible for the timely renewal and maintenance of the station licenses, as well as the lawful operation of the stations.

ARTICLE 12.BYLAW AMENDMENT

The Bylaws of the corporation may be amended by the following sequential process:

- (a) the amendment must be proposed at a Board meeting and endorsed by a majority vote of the Board;
- (b) the Board-approved amendment shall be submitted in writing at a general meeting of the Association and published in the next monthly newsletter or otherwise mailed to each member at least fifteen days prior to the next general meeting;
- (c) at the next general meeting a vote shall be taken by secret ballot. Members must be present to vote. Voting by proxy is not permitted. A three-fourths vote of the members in attendance is required for passage.

ARTICLE 13.NON-LIABILITY

The members, Officers, and Directors of the Association shall not be personally liable for the debts, liabilities, or other obligations of the Association or its corporation.

ARTICLE 14.ORDER

In any question coming before a meeting for which no provision has been made in the Articles of Incorporation and Bylaws, the meeting shall be governed by Robert's Rules of Order.

NOT AN APRIL FOOLS JOKE

Last week, while doing a normal "back up" on my 5 year old PC, my external hard drive died. When I tried to restore from the previous "back up" it was blank. It appears the program erased the earlier saving to make room for the new back up. The external drive contained ALL my data and pictures, including PAARAgaphs masters. This issue, April, has been created by a combination of scanning and repeated downloading of e-mail.

There are probably many errors. I would appreciate email if you find some.

I cannot afford the cost of restoring the disk contents but Kristen has offered to give saving the data a try.

And what do you think about when awake at 3 am? *Wally K6URO, sad editor*

PAARAGraphs—April 2007

Celebrating 70 years as an *active* ham radio club—*Since 1937*

PAARA 70th ANNIVERSARY

W6AZ Worked All States Challenge

Challenge Winner Prize

The winner selects from among three choices.

N7VE Firefly SDR kit

20m or 30m in either SMT or TH version

<http://www.qrpkits.com/firefly.html>

\$70 value

NorCal/W3CD Frequency Generator kit

FCC-1 Freq counter kit – Sep 2006 QST

<http://www.norcalqrp.org/fcc1.htm>

FCC-2 DDS VFO kit – Feb 2007 QST

<http://www.norcalqrp.org/fcc2.htm>

\$76 value

KD1JV MMR-40 CW/SSB/PSK xvr kit

40m multi-mode rig – 6w - 5”x5”x1.5”

<http://www.qrpkits.com/mmr40.html>

\$105 value

Complete rules are in the March 2007 PAARAGraphs. No winners will be announced before the May 2007 general meeting.

Email your WAS updates to Ron Chester, W6AZ, before every PAARA meeting and in time for inclusion in every issue of the newsletter. Put your call, WAS, and the number of states you've worked in the subject line.

E.g. "N6NU WAS – 26"

Send to W6AZ at: w6az@arrl.net

An excel file will be posted on the PAARA.org website to be used by each member submitting a log for the 70th Anniversary WAS certificate.

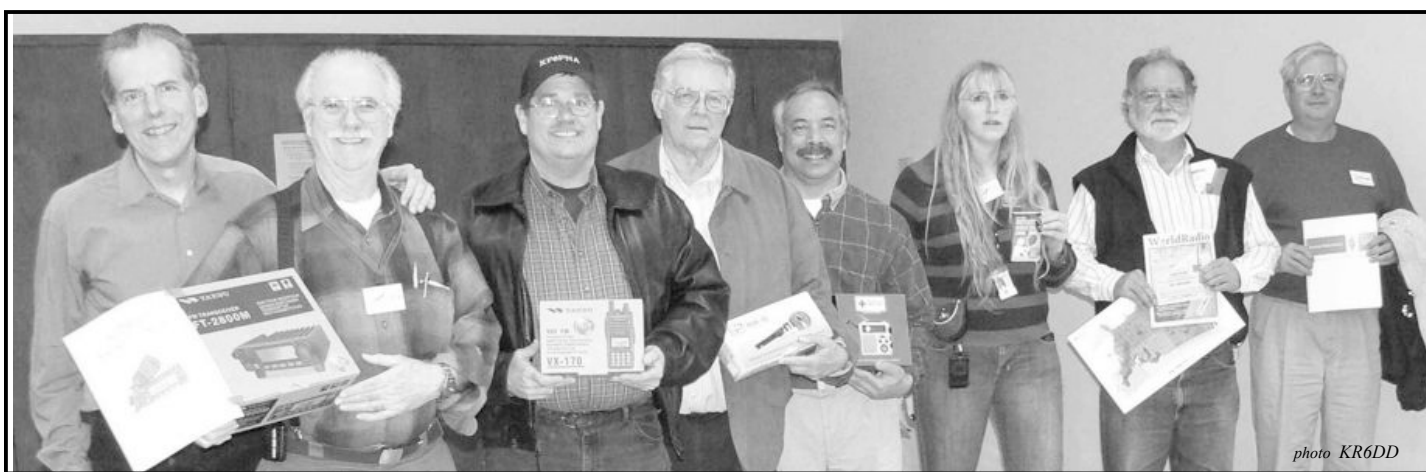
See page 39 for up date

Here are the rules for the
N6DQ PAARA CW Challenge:

- 1) Contest starts Feb. 24, 2007, ends Feb. 23, 2008.
- 2) Entrants must have received their General or Extra Class license upgrades after Feb. 24, 2007. Entrants must be PAARA Club members in good standing.
- 3) The first contestant to successfully work and confirm CW to CW contacts with all 50 states (i.e. WAS or Worked All States) wins an IC-7000 transceiver donated by Rick N6DQ.
- 4) Confirmation of contacts will be with QSL card for each state and each contact. No Log of the World confirmations accepted. Cards will be checked by Rick, N6DQ.
- 5) In the spirit of the competition, all contacts should be made without the aid of electronic CW readers or programs. Since this cannot be monitored, the honor system is in place. In addition, "over the shoulder" help by a parent or another ham is not in the spirit of the contest and is not "cricket". Again, the honor system is in effect. If such an offense is reported, that contestant is disqualified.
- 6) Contacts made during contests such as Field Day, etc. are valid but must be confirmed with QSL cards as stated above. Contacts shall be made on any band between 160 and 6 Meters. No VHF/UHF or satellite contacts allowed.
- 7) If a contestant has worked and confirmed 50 states CW to CW and has cards ready to be checked, the contestant will email the PAARA Club President, Kristen McIntyre, K6WX. The cards will be checked and the IC-7000 awarded at the next PAARA Club meeting following the email claiming victory.

Any questions, please contact me. Rick

Rick N6DQ
 Ham Radio Outlet - Oakland
 oakland@hamradio.com
 510-534-5757:Vox
 510-534-0729:Fax



Congratulations: March 2nd 2007 PAARA Raffle Prize Winners

- 1st Prize:** Rick Melrose K6RDM / Yaesu FT-2800M / 2m Mobile / 65W / **#100 Raffle Radio**
- 2nd Prize:** Greg Lane KF6FNA / Yaesu VX-170 / 2m / 5W / HT
- 3rd Prize:** Larry Hedberg KD6EUG / Heil Dual Element HM-10 Microphone
- 4th Prize:** Merrit Yee KG6TNO / Red Cross FR250 AM/FM/SW Emergency Radio
- 5th Prize:** William Dale N2RHV / MFJ Clear Tone Speaker
- 6th Prize:** Phil Laskins KI6GKB / World Radio 1-Year Subscription
- 7th Prize:** Kristen McIntyre K6WX / ARRL 06-07 Repeater Directory
- 8th Prize:** Cliff Keely AA6FE / ARRL Amateur Radio Station Log

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, 100 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 2007! If you aren't a member, please join PAARA now, and experience fun 2007 events with the "friendliest club around."
~ K6AK Jim

PAARAgaphs—April 2007
 Celebrating 70 years as an *active* ham radio club—*Since 1937*

PAARA April 6th 2007 Meeting

PAARA “The Friendliest Club Around”

Palo Alto Amateur Radio Association, Inc.



www.paara.org

Date and Time: Friday, April 6th at 7 p.m.
 Menlo Park Rec. Center, 700 Alma St., Menlo Park, CA.

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: YAESU FT-1802M



2m / 50W / Mobile

- Extended Receiver Coverage
- Illuminated Microphone with Keyboard Frequency Entry
- 221 Memory Channels with Alpha-numeric Labeling
- Dedicated 10-Channel NOAA Weather Broadcast Channels
- Adjustable Mic Gain and Wide/Narrow Deviation and RX Bandwidth

SECOND PRIZE: Heil “The Traveler” Headset



Heil ‘iC’ Boom Mic Element
 Pendant Switch / PTT & Up/Down Frequency Control
 Interface Cable NOT Included

THIRD PRIZE: MFJ 802 Deluxe Field Strength Meter
FOURTH PRIZE: Kill A Watt / Electricity Usage Monitor
FIFTH PRIZE: Red-Dee-2 Connect PS-4 Power Pole Connector
SIXTH PRIZE: 2007-2008 CQ Amateur Radio Calendar /15 Month
SEVENTH PRIZE: World Radio 1 Year Subscription
EIGHT PRIZE: ARRL Amateur Radio Station Log

Since February 2003, 100 Radios, including a Yaesu FT-847, an Icom 706 MK

IIIG, 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!

K6AK Jim

ADVERTISERS WANTED.

PAARA members are encouraged to purchase an annual advertising space in the PAARA newsletter, commonly known as PAARAgraphs. This space is the size of a regular business card and only costs \$60.. annually. The money really assists our Association in producing and mailing the finest printed radio club newsletter in the western United States.

If you or your employer have a service to offer or a product to sell, please consider running an ad or an infomercial in PAARAgraphs. Remember that this little publication is distributed to many hams and ham radio supporters who will read it cover to cover. Simply contact the PAARAgraphs representative, Terry Finn, AA6T, at:

aa6t@arrl.net or 650-366-9111 to submit an ad.



Directions to PAARA meeting:
<http://paara.org/meetings/>



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 Jack Of All Trades, Master Of Some

KC6VWO, **Bill Young**
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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.	Doug Teter, KG6LWE
4 th Mon.	Terry Ridgeway, N6ZAG
5 th Mon.	Doña Kerns, KI6DAR

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 PAARAgraphs \$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.

Join us for pre-meeting eyeball

QSO
April 6th
gab & gobble



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!

PAARAgaphs—April 2007
 Celebrating 70 years as an *active* ham radio club—*Since 1937*

MEMBERSHIP NOTICE

To develop a reliable PAARA Rooster, Data Base, PAARAgaphs mailings

ALL CHANGES OR CORRECTIONS should only go to:

PAARA Secretary, David Ungar, W6DH 650-255-2131
 ungar@mac.com, or at General meetings
(this includes changes in Membership or Family Membership)

W6AZ



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

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 At any meeting or kg6lwe@arrl.net

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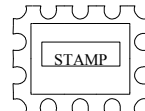
AE6AI



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.

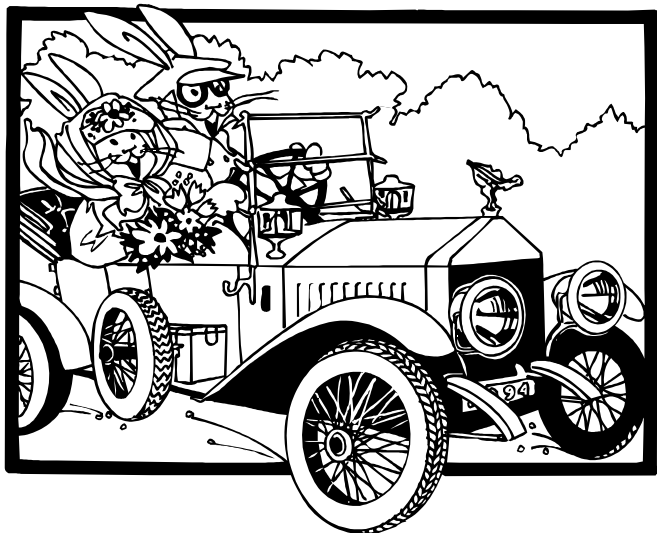
1. Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size).
 2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.
- These fees may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



PAARAgaphs—April 2007

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

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Mark Witzyn, Mgr.
1-800 at 23rd Ave. ramp
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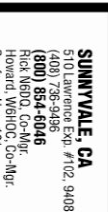
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• 100W HF, 80W VHF, 50W UHF
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• 100% duty cycle, wideband, 100% modulation
• Backlit front key panel
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TH-D7A(9) 2M/440
• 20W/40W Dual Band
• 12.5kHz/12.5kHz
• AFPS Compatible
• 200 Memos, CTSS
• V-C-H Messaging Control
Low Pricing!



TM-D700A 2M/440 Dualband
• 50W VHF, 50W UHF • Chip, Voice Synthesizer
• Receiver, 118-1300 MHz (not blocked)
• Remote Head (not only, but included)
• 200 Memos, CTSS, V-C-H Messaging Control
• Advanced APFS Features
• DV, remote control
• 100% duty cycle, wideband, 100% modulation
• 100% duty cycle, wideband, 100% modulation
Low Intro Price!



IC-705MKIIA HF/VHF Transceiver
• All modes HF/60/20/15/12.5M
• 20W/40W/100W
• AFPS • Auto-Tune • Auto-Scan
• Easy-to-configure menus
Low Pricing!



IC-755 PRO III All mode Transceiver
• 50W VHF, 50W UHF
• 20W HF DSP • SSB/DV Synthesizer tuning
• Enhanced 5 MHz color FT8 receiver scope
• 200 Memos, CTSS, V-C-H Messaging Control
• Multiple DSP, combined ADF scope
• 101 analog channel memories
• 100% duty cycle, wideband, 100% modulation
The Ultimate Radio!



J-196T 2M HT
• 5W VHF
• 100% duty cycle, wideband, 100% modulation
• CTSS • DCS built-in
• 100% duty cycle, wideband, 100% modulation
Low Pricing!



FT-1000MP MKV HF Transceiver
• 100W VHF, 100W UHF, 50W HF
• 100% duty cycle, wideband, 100% modulation
• 100% duty cycle, wideband, 100% modulation
• 100% duty cycle, wideband, 100% modulation
Low Pricing!



FT-857D
• 100W HF/100W VHF, 50W HF
• 100% duty cycle, wideband, 100% modulation
• 100% duty cycle, wideband, 100% modulation
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VX-7R
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