

K6YQT

PAARA NEWSLETTER
VOLUME 52 NUMBER 11, November 2003

W6OTX

PAARAgraphs



Celebrating 66 years as an active ham radio club—Since 1937
Newsletter for the Palo Alto Amateur Radio Association, Inc.



CALENDAR

- November....7 **PAARA Meeting, 7:30**
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- November..12 **PAARA Board Meeting, 7:30**
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- December....5 **PAARA Meeting, 7:30**
- December...10 **PAARA Board Meeting, 7:30**
- January.....? **PAARA Meeting, 7:30**
- January.....? **PAARA Board Meeting, 7:30**

The ARRL has a code practice:
URL <http://www.pcppractice.com/CW/>
-Don KF6JMQ



PROGRAM

November 7, 2003 7:30 P.M

Speaker:

Lars Karlsson AA6IW

**24 GHz EME
(Earth-Moon-Earth) Moon Bounce**



Lars Karlsson AA6IW

**November 7th Program:
24 GHz EME (Earth-Moon-Earth)
Moon Bounce**

Lars Karlsson AA6IW, 24 GHz EME World Record Holder, will talk about the construction of EME stations and the equipment used for the 24 GHz World Distance Record. Learn what it's like to be in an EME QSO, and what obstacles new enthusiasts encounter.

Join us for pre-meeting eyeball
at Su Hong Restaurant, 1039 El Camino Real, Menlo Park
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 order and bill.

—PAARA Radio NET every Monday evening at 8:30 P.M., local time—
on the 145.230 -600 MHz repeater, PL tone off

Attention Members / Advance Notice:
Get your "show and tell projects" ready for the December 5th PAARA meeting

~Jim, K6AK

NEEDED!!

SOMEONE WITH
COMMERCIAL ART OR LETTERING EXPERIENCE
TO HELP IDENTIFY OUR TRAILERS AS
'EMERGENCY COMMUNICATIONS SUPPORT' ETC.
CONTACT: GERRY, N6NV
650 326 4908

F. Willard Griffith II
156 Burns Ave.
Atherton CA 94027-3030

Tel: 650 322-4551 Fax: 650 327-0717
Cell: 650 464-1532 E-mail: bgriff1996@aol.com

October 11, 2003

I have the following items for sale
to the PAARA membership

Tektronix 545 Oscilloscope (Tubes) \$50
AN/ARC 5 WWII Aircraft transmitter and dynamotor
AM VHF \$100

Vertical Military Antenna, telescoping, 20 to 114 Mhz motor driven,
115VAC, unknown condition \$25

2Ghz 6 ft. Dish antenna with satellite receiver TV Output \$50

Motorola M-135 tube Aircraft receiver 108 to 131 Mhz. \$20

Conference table 96" by 42" Formica wood grain \$100

Pitney Bowes 6100 hi-speed mailing machine, seals envelopes
and applies postage (not addressing) \$150

Panasonic KX P2130 Dot Matrix Printer \$10

Lots of other parts and goodies, real cheap

All items sold as-is with no guarantees.

Bill Griffith W9DDN, email bgriff1996@aol.com

Tel: 650-322-4551



2003 Pacificon News:

Christopher McIntyre age 11, passed his Technician License Examination after a long day at the Technician "cram course." This is a huge accomplishment for one of PAARA's favorite members. "Great job Christopher!" "Hams helping one another" was again demonstrated when Kb (KG6QQR) donated his new Pacificon prize of a Kenwood TH-G71A-HP, dual band H.T. to new Technician, Christopher. Mom (**Kristen K6WX**) is beaming. Don't you love Amateur Radio? Yessss!

Ron Chester W6AZ won the "Best Keyer Award" at Pacificon's Saturday evening QRP event. Ron's innovative and interesting combination of clipboard, log, keyer, and unique audio amplifier consisting of a blue funnel with plastic (pizza lid riser) speaker adapter, set him well above the fierce competition. "Yeaaaa Ron!"

PAARA member **KD6OCS Mikey**, won the
"Pacificon Grand Prize Drawing"

of an

Icom IC-706MkII HF/VHF transceiver with Power Supply.

It gets more interesting when you consider the fact that prior to the "Grand Prize Drawing", Mikey won a tool kit, his ticket was put back into the raffle drum, and then drawn out again to win the "Grand Prize"!

"I did indeed win the 706. The set of Craftsman pliers was actually won by my dad, Jeff AD6MX who is also a PAARA Member.

I was just holding on to his ticket my ticket only came out of the drum once right at the very end!", Mikey KD6OCS
Hi Mikey,

~Jim, K6AK

Join us for pre-meeting eyeball

QSO

Nov 1st
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.

6 pm— at Su Hong Restaurant
1039 El Camino Real
Menlo Park

—across from Kepler's Book Store—



New Licences

in PAARA area

David W Chamberlin, KG6SGP
 1454 Ramon Dr
 Sunnyvale, CA 94087-5834

James C Johnson, KG6SGW
 1413 Ormsby Dr
 Sunnyvale, CA 94087

Jeffrey R Glass, KG6SGX
 1061 The Dalles Ave
 Sunnyvale, CA 94087

Daniel J Ryan, Jr, KG6SGZ
 2081 Cedar Ave
 Menlo Park, CA 94025-5909

NICOLAS S GIKKAS, KG6SIW
 1085 CLARK AVENUE
 MOUNTAIN VIEW, CA 94040

Janice LCC Senior, KG6SKE
 382 Foxborough Dr
 Mountain View, CA 94041-1603

Katherine A Talbot, KG6SKH
 600 Junipero Serra Blvd
 Stanford, CA 94305

Harold A Jones, II, KG6SKI
 475 Woodhams Rd
 Santa Clara, CA 95051

John B Bley, KG6SKL
 3061 La Selva C105
 San Mateo, CA 94403

Shawn J Collier, KG6SKN
 2868 Ponderosa Way
 Santa Clara, CA 95051

John B Bley, KG6SKL
 3061 La Selva C105
 San Mateo, CA 94403

Shawn J Collier, KG6SKN
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 Santa Clara, CA 95051

JASON T WREDE, KG6SMF
 PO BOX 390456
 MOUNTAIN VIEW, CA 94039-0456

Lindsay M Jones, KG6SMR
 1171 Shoreline Dr
 San Mateo, CA 94404-2041

Hennadiy Rez, KG6SQT
 1267 Vincente Dr Apt 142
 Sunnyvale, CA 94086

JEFFREY E ALLEN, KG6STA
 3529 LAGUNA CT
 PALO ALTO, CA 94306

Andrew C Herkovic, KG6STC
 165 Oakdale St
 Redwood City, CA 94062-1736

Alfeo Caputo, KG6STL
 651 Handley Trail
 Redwood City, CA 94062

Silvano Borsa, KG6STP
 651 Handley Trail
 Redwood City, CA 94062

~Vic AB6SO



Technical Tip

~Vic. Black, AB6SO

There has been a lot of interest in portable and back packing antennas since the February PAARA meeting demo of the self supporting Saint Louis Vertical Antenna (no guy wires needed). The antenna was designed by the St. Louis QRP Club and is based on a South Bend telescoping fiberglass fishing rod 20 feet long. It collapses to about 40" in length for easy portability. The original fishing rod was a South Bend model, but it is difficult to find.

An almost identical rod is the Black Widow distributed by Cabela's, a mail order outdoor equipment supplier. Several models are available and can be used either alone or in combination to make self supporting verticals or collapsible, rotatable dipoles for various bands. Here's a listing of the various models:

- 1). 10 foot model, closed length 45-1/4 inches, 3 sections, order number BH-11-0503, order code (010). Price: \$10.49.
- 2). 13 foot model, closed length 45-1/4 inches, 4 sections, order number BH-11-0503, order code (013). Price: \$13.99.
- 3). 16-1/2 foot model, closed length 45-1/4 inches, 5 sections, order number BH-11-0503, order code (165). Price: \$17.99.
- 4). 20 foot model, closed length 45-1/2 inches, 6 sections, order number BH-11-0503, order code (020). Price: \$21.99.

These can be ordered by Phone at 1-800-237-4444, 24 hours a day, 7 days a week or by 24 hour Fax Service at 1-800-496-6329. Mail orders can be sent to Cabela's, 812 13th Avenue, Sidney, NE 69160.

Charges for UPS Express Shipping within the continental US are:

- \$4.25 for orders of \$0 - \$15,
- \$6.25 for orders of \$15.01 - 35.00,
- \$7.25 for orders of \$35.01 - \$55.00,
- \$8.25 for orders of \$55.01 - \$75.00,
- \$9.25 for orders of \$75.01 - \$100.00.

UPS Next Day Air Shipping is also available for Phone orders only. You may want to combine orders with other club members to save on shipping charges (coordinate orders on the Monday night net). Cabela's has an excellent reputation for prompt fulfillment of orders. Run the numbers on the rods, add some PVC pipe and wires and see what kind of antennas you can design. Remember to bring them to show and tell if you come up something interesting.

~Vic, AB6SO

Radio History and Radio Collections...

The Antique Wireless Association The Antique Wireless Association (AWA) is a nonprofit historical society founded in 1952 with about 4,000 members. The AWA publishes The Old Timer's Bulletin, a fabulous resource for those interested in the history of radio, television and other electronics, which is available through AWA membership.

Phil's Old Radios - Antique Radio Gallery This is a great site, with a gallery of photographs and pictures of radios in Phil Nelson's collection of Trans-Oceanic radios, Bakelite radios, Tube portables, Transistor Radios and more. The site has some radio restoration and building projects, including a nice one for a short-wave crystal radio. You also can place a free radio want ad on the "unclassified ads" page (the list of ads is long, so we suggest using the find function on your browser to find what you want).

Explore Jonathan Winter's Bellingham Antique Radio Museum online. This museum, located in Bellingham, Washington, is a must see if you're ever going to be visiting the Pacific Northwest. Here you will find old-time radio broadcasts, a crystal radio project (with a detailed introduction about crystal radio sets), images from the Bellingham radio collection, and technical information for radio collectors. Surfing the Aether is an interesting site with the history of radio from pre-1900 to the present, organized by decade. There are also some wonderful sound clips of radio broadcasts such as a report on the attack on Pearl Harbor, a live radio broadcast about the 1937 crash of the Hindenburg, and the panic-causing "Mercury Theater of the Air" by Orson Wells.

Crystal Radio Links...

So you've built the Oatmeal Box Radio on this site, and you want to improve the design? Go to Owen Pool's site, Crystal Radio Resources for his Peanut Specials. Owen's site also has an extensive list of crystal radio links, tips on things such as bandspreading and DX, and plans for building a convertible crystal radio (you can swap in a simple "triode" detector/amplifier), an RF signal booster, and more. Owen is a Society member, and he's one of the resident experts lurking around on Rap 'n Tap, so be sure to give him a warm hello!

SkyWaves. This is Al Klase's site (he's a member too), and he has posted several pages of interest to the crystal radio enthusiast. You'll find "Crystal Set Design" 102, a crystal set tutorial, and some nice tips for mounting crystals to use in detectors. You'll also find photographs of some of Al's radio reproductions, some communication receivers and gear (the Russian maritime radio receiver is a must-see), and information on designing a SWL antenna distribution system for connecting multiple LF/MF/HF receivers to a single antenna.

There is a new forum on Yahoo! that is devoted to crystal radio. It's called The Crystal Set Radio Club, and it's members are true radio enthusiasts (some of them are members of the Xtal Set Society too). Check it out! ~Vic, AB6SO

Attention Members and Visitors
Raffle Prizes for the
November 7th PAARA Meeting

***Note: 22 Radios are in the hands of fellow "Hams."**
Thanks to you and the PAARA Raffle!
THANK YOU for your continued SUPPORT of
the PAARA Raffle!
The PAARA Raffle is FULL of SURPRISES and
YOUR LUCKY DAY may be November 7th.

THREE RADIOS
+Two FOURTH place PRIZES
BONUS PRIZE

Come try your hand at winning the
FIRST PRIZE,
 Icom IC-2100H, 2 meter, 50W, Mobile (select green or amber display);
SECOND PRIZE:
 Digital Camera, 2 Megapixel, 1.5" LCD screen, 2X Digital Zoom;
THIRD PRIZE:
TWO, 14 channel FRS Personal Radios.
 Don't forget about the TWO /
FOURTH place raffle prizes plus a
Bonus Prize of a 1 year subscription to **WORLDRADIO.**

Enjoy our fabulous speakers, free refreshments, chat-
 ting with your friends, and the chance to **take home an**
unbelievable prize. See you at Round Table after the
 meeting! Kyle and I are having a lot of fun.
THANKS AGAIN FOR MAKING THE MEETINGS
VERY EXCITING!

*(March 2003 – November 2003)

Contact Kyle, KG6MSK for tickets

~Jim,K6AK

PAARA BADGES

to order one, pay membership coordinator

Lisa Rice KG6KQS

lisarice@earthlink.net
next meeting pick up from

Don Trask KF6JMQ

kf6jmq@arrl.net
or contact at next PAARA meeting

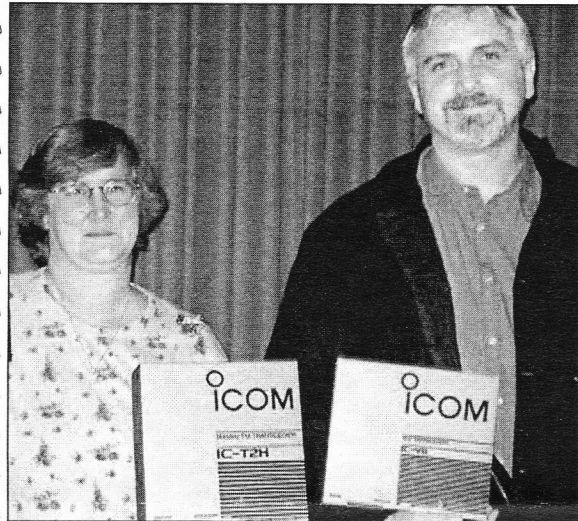
Badge Cost Notice

the cost of PAARA badges will increase
\$10 will be charged
beginning November

Congratulations:

PAARA Raffle Prize Winners

October 3rd



1st Prize: Mark Marriott WA6JIQ
 Icom IC-V8

2nd Prize: Lynn Gentry KG6JPV
 Icom T2H / 2m / 6W / HT

3rd Prize: Terry Finn AF6TF
 Grundig FR-200 Emergency Radio

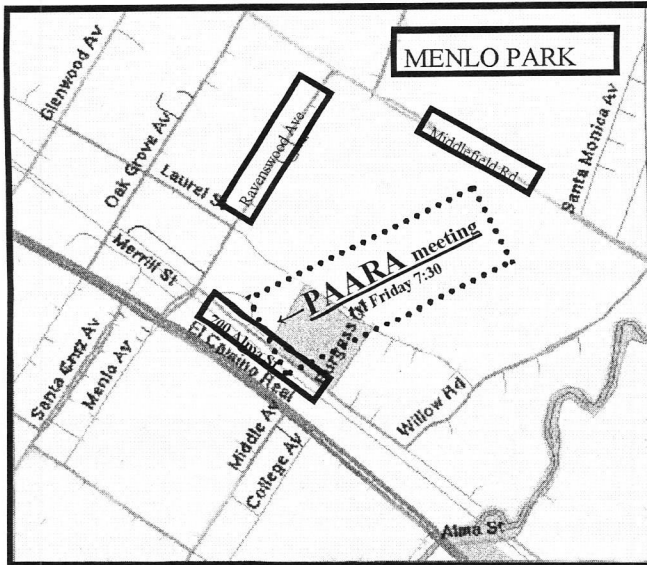

4th Prize: Edward Gentry KG6KKP
 General Class Book

4th Prize: Kristen McIntyre K6WX
 Gordon West CW Tapes


Bonus Prize: Edward Gentry KG6KKP
 1 year subscription to **WORLDRADIO**

Bonus Prize: Joel Wilhite KA7TXV
 1 year subscription to **WORLDRADIO**

~Jim,K6AK

W6AZ



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

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 are **FREE** to members
 (Submit by e-mail or letter before the 15th of the month)

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 Office: 234 Marshall Street, # 3 • Redwood City, CA

PAARA Radio NET
 every Monday evening
 8:30 P.M., local time
 on the
145.230 -600 MHz repeater
PL tone off
control operators

1st Mon ~~KG6HLA~~, Pinkney Foster
 2nd Mon N6NU, Andreas Junge
 3rd Mon AD6FX, Jon Zweig
 4th Mon AA6PA, Bill Rausch
 5th Mon tba

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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.

- 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).
- 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 Bob Korte

PAARA • Palo Alto Amateur Radio Association • P.O. Box 911, Menlo Park, California 940260911

- Club meetings are on the first Friday of each month, 7:30pm at the Menlo Park Recreation Center, 700 Alma Street, Menlo Park, CA •
- Radio NET every Monday evening, at 8:30pm, on the 145.230-600 MHz repeater, PL tone off •

Membership in PAARA is \$12.00 per calendar year which includes a subscription to PAARAgaphs, \$6 for additional family members (no newsletter).
 Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026 -0911
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PAARagraphs November 2003

Palo Alto Amateur Radio Association, Inc.
PAARagraphs Newsletter
P.O. Box 911
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FIRST CLASS MAIL

PAARA Website:
www.paara.org

PAARA Forum:

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



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ALABAMA, CA
1714 1533-1713
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ashland@hamradio.com

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• Advanced ATIS Features
• DV Packet Cluster
• Low Price! 99.95-119.95 Per

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• Low Price!

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• 1600 channels • 1600 Preset
• Low Price!

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