

W6OTX

W6ARA

PAARA NEWSLETTER
VOLUME 61, NUMBER 5, MAY 2011

K6OTA

K6YQT

PAARAgraphs



The Official Newsletter of the

Palo Alto Amateur Radio Association, Inc.

CALENDAR

**May 6, PAARA Meeting, 7:00 p.m.**Menlo Park Rec Center
700 Alma St., Menlo Park**May 18, Board Meeting, 7:00 p.m.***All are welcome!*
Palo Alto Red Cross
400 Mitchell Lane, Palo Alto**May 18, DEADLINE for
PAARAgraphs submissions.**

Send items w/subject "PAARAgraphs"

**Don't miss
our next meeting!
JUNE 3, 2011**

It's the May issue of PAARAgraphs already? It sure seems like 2011 was beginning just a couple of weeks ago. Getting so close to summer means that ARRL Field Day is right around the corner. There are also some great contests still to come before that, and propagation is looking really good. What more could a ham radio operator ask for, right?



Propagation has been very nice of late with the Solar Flux Index (SFI) well over 100, and sunspot numbers over 100 as well. As I write this the SFI is 117 and sunspots are at 76. Bob, K6TR, reports that the Maximum Usable Frequency (MUF) has been almost up to 50 MHz, and this means that real F-layer 6 meter openings are possible in the near future. In the recent CQ WPX SSB contest, I was able to work East Coast stations on 10 meters, and several people reported contacts in Africa and elsewhere on 12, 15, and 17 meters. It's really been nice seeing solid openings on the high end of the HF spectrum. There have also been some spectacular aurora borealis displays. Even though they are bad for HF propagation, I have to admit to being fascinated with the northern lights.

I wanted to take a moment to correct an error I made in PAARAgraphs last year. Recently Carol, W6GEM, informed me that I had failed to acknowledge her help with our sponsorship of the ASVARO Electronics Flea Market in October of 2010. I apologize for that oversight, and want to

(Continued on page 49) Pres Corner

Be sure to check out our web site:
www.paara.org

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/>

PAARA Palo Alto Amateur Radio Association

Meets 1st Friday 7:00pm each month at Menlo Park Rec. Center; Net 145.230 - PL 100Hz
Mondays at 8:30. See our website at <http://www.paara.org/> for more information.
Or contact: Joel Wilhite KD6W, KD6W@ARRL.NET, 650-325-8239

FARS Foothills Amateur Radio Society

Meets 4th Friday each month at 7:30pm
contact: <http://www.fars.k6va.org/>

NCDXC Northern California DX Club

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

QCWA Chapter 11

Northern California Quarter Century Wireless Association
Meets third Wednesday monthly at Harry's Hofbrau in Redwood City @ 11:30 AM.
Guests are welcome. Saturday morning net on 146.850 MHz, PL 114.8

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 Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl
Nets: 2m, 7:30pm Mon; 70cm, 442.425+ (pl 107.2) Thur.
meets 2nd Mon each month @ 7:30 PM.
contact: <http://www.gsl.net/sccara/> 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

TEARS The Elmer Amateur Radio Society

Dedicated to operational training, knowledge building &
FCC exam testing. KV6R repeater under construction.
Contact **AA6T@ARRL.NET**. Most members are Extra
class or VE's. See QRZ dot com/kv6r for class info

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
Meetings are 3rd Wednesday of every month.
contact: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or
N6FFC@ARRL.NET

American Red Cross, SANTA CLARA VALLEY CHAPTER

contact: <http://santacalaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
shensley@Novell.com

(please send changes to PAARAgaphs editor: KI6YTA@arrl.net)

Please contact Rick Melrose to settle your 2011 membership dues so you can keep receiving your PAARAgaphs.

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

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kristen@alum.mit.edu
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k6rdm@arrl.net
Treasurer Ron Chester, W6AZ 408-243 2221
ron@taxhelp.com

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ki6inr@arrl.net
Director ('11)..... Byron Beck KG6UOB 408-369-1913
kg6uob@arrl.net
Director ('11)..... Marty Wayne, W6NEV 408-246-7531
w6nev@arrl.net
Director ('11)..... Larry Rebarchik N6DB 650-465-8210 (cell)
n6db@arrl.net

Appointed Positions

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ab6so@smrn.com
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k6rdm@arrl.net
Chaplain *Position Vacant*
Public Affairs *Position Vacant*
Station Trustee W6OTX, K6YQT, W6ARA Gerry Tucker, N6NV
Station Trustee K6OTA Ron Chester, W6AZ
Property Manager Gerry Tucker, N6NV
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bob@rgktechsales.com
Badge Coordinator Lynn Gentry, KG6JVP
Historian Position *Position Vacant*
Raffle Coordinator Jim Rice, K6AK 650-851-2274
Ticket Master *Position Vacant*
Field Day Coordinator Doug Teter, KG6LWE 650-367-6200
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thank Carol wholeheartedly for her support of the Palo Alto Amateur Radio Association over the years. She has always been there to help, and we really appreciate it. In general, please let me know if I do something like this. I have a notably bad memory, and life is pretty hectic for me, so if I forget you when I'm thanking people, please don't think I've done it intentionally. Just remind me, and I'll make sure you are properly acknowledged. There is always the risk that I'll forget someone when I make a list. We appreciate the help of each and every one of you, and I want to make sure that the membership hears about what great work you've done.

I've had a little more time for radio over the last month or so. As I mentioned, I was on for the CQ WPX. I also had some time to participate in a contest I had never done before: CQ Manchester Mineira DX Contest. I turned on the radio and heard stations calling CQ TEST MM. I worked a number of South American stations on 20 and 40 meters. It was a nice bit of fun on a weekend evening. I highly recommend participating in some of these smaller contests. I installed an HF antenna on my Mustang finally after seeing how good things are getting. I hope to take some time during the weekdays when there is a sunset enhancement to get some DXing in. I also had some time to work on my own PSK modem. As some of you may know, I wrote a PSK-31 application for the iPad, but I used someone else's PSK modem code. It has been my intention to write the whole thing myself, and I've been making progress. The modulator for BPSK and QPSK is working quite well now, and the demodulator is about 80% working. It can decode off-the-air signals quite reliably. Last weekend I got the automatic frequency control to work, which was really fun. If you're interested in the technical details, we can talk at pizza at the Round Table in Menlo Park after the PAARA meeting.

It looks like we will be back in the Menlo Park Recreation Center starting with the May meeting. I've heard that the room is really nice, and that it is air conditioned! I'm really pleased about that that.

I'm looking forward to seeing you at the May PAARA meeting, and be ready to be signed up for Field Day. Our first antenna work party is forming now, and the day will be here all too soon.

CUL ES GL DE K6WX.

Visitor from Florida.

Walt Corey, W1WLJ, an occasional Echolink visitor to the 9AM talknet was visiting family in Sunnyvale. Kristen convinced him to visit the PAARA meeting on April 1st. In the end, he was unable to attend and passes his apologies to all.

He was however; very gracious to donate a significant number of electrical and electronic items to the club from his house he was clearing out to prepare for sale.

Here is a short list of the stuff he donated:

- Two parts cabinets full of stuff
- A large quantity of 7 & 9 pin miniature and octal socket tubes
- A large quantity of misc resistors, capacitors and stuff.
- Two home brew power supplies (one built in a cigar box)
- Two Scientific Technology Inc. Model 4701 power supplies (???)
- Miscellaneous PC Boards (empty and populated)
- One Sylvania Tube Technical Manual (Date ??)
- Several Heath Kit assembly manuals
- One 1958 "ARRL Amateur Radio Handbook" (for Kristen's collection)
- One "Directory of Electronic Circuits" book; pub 1966
- One Grundig V Box II Audio Amplifier (console about 36" tall)



I am taking this opportunity to thank Walt publicly for the generous donations he made. Sorry you couldn't make it to the meeting Walt.

12 Volt Rechargeable Battery Source

I have run across an unusual source for rechargeable 12 volt batteries. Most if not all police cars have a safety feature that cuts off the main car battery power in the event of an accident. There is a back up battery that keeps the

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situation camera operating for a while after an incident. The ones I have are Power Sonic PS-1212 12V 1.4 Amp Hr rechargeable batteries (FYI, the ones I have don't have any city or agency identifiers on them. This could be an issue if they are so labeled). It might be a good idea to check with your local law enforcement agency maintenance department to see if some of the removed batteries can be obtained. Just a thought. — Marty, W6NEV

The monthly flea market will not be the same with the absence of WA6LVN Jerry Lawson, who passed away Saturday (April 9) at the age of 70, from the complications of diabetes.

A lifelong engineer and tinkerer, he was born in a federal housing project in Queens, New York and became a ham at the age of 13. As a teenager he earned money by repairing his



neighbors' television sets. In Santa Clara Jerry was among only a handful of black engineers in the world of electronics in general and electronic gaming in particular. A video game pioneer, Jerry led the team that developed the first cartridge-based home video game console system hitting the

market in the mid-1970s.

Known for his strong views on everything he once commented, "I don't play video games that often; I really don't. First of all, most of the games that are out now — I'm appalled by them." Most are concerned with "shooting somebody and killing somebody," he said. "To me, a game should be something like a skill you should develop — if you play this game, you walk away with something of value."

A memorial is scheduled for May 19th from 7:30 to 10PM at David's in Santa Clara. (At the golf course off Tasman between G America and Lafayette.) 5151 Stars and Stripes Dr

Tri-City VE Group 2011 Test Sessions

Where: Hurricane Electric
48233 Warm Springs Blvd
Fremont, CA

When: Saturday, May 14, 9:00 a.m.
Tuesday, June 14, 6:30 p.m.
Saturday, July 9, 9:00 a.m.

For more information, contact
Rita, KI6SSQ@arrl.net, (510) 703-7090
or
Bernhard, AE6YN@arrl.net, (510) 364-0611
or visit
www.sbara.org.

Congratulations to the winners of the April 2011 Raffle

- 1st Prize:** Eric Thielemann / KJ6LAY / Buddipole 4S1P Battery Pack and Cellpro Multi4 Charger
- 2nd Prize:** Dave Foster / / Mirage B-34-G / 2 meter / Power Amp
- 3rd Prize:** Dave Foster / / Rechargeable Desktop Label Maker
- 4th Prize:** Merrit Yee / KG6TNO / ICE Coaxial Lightning / EMP Suppressor / *Thanks ICE!*
- 5th Prize:** Byron Beck / KG6UOB / Two FRS / GMRS Radios
- 6th Prize:** Darryl Presley / KI6LDM / LiteFlare Emergency Roadside Flasher
- 7th Prize:** Robin Yee / KI6YTA / Super Bright LED Keychain

PAARA had a remarkable year in 2010! If you are not yet a member, please join PAARA now and experience fun 2011 events with the "friendliest club around."

PAARA Exemplary Service Award

Gerry Tucker, N6NV 2005
Rice Family 2006
Jim K6AK, Lisa KG6KQS, Kyle KG6MSK
Wally Porter, K6URO 2007
Vic Black, AB6SO 2008



PAARA “The Friendliest Club Around”

MAY Raffle Prizes

FIRST PRIZE: LDG Z-100 Plus
Antenna Tuner



SECOND PRIZE: Arrow VHF/UHF Yagi
Backpack Antenna with Take-Apart Boom

THIRD PRIZE: Battery Tender Junior / 12V / 0.75A 4-Step
Charging / Auto-Float

FOURTH PRIZE: Lido LM-801 Radio Cup Holder Mount / HT or
Remote Radio Head

FIFTH PRIZE: Kill-A-Watt / AC Electricity Usage Monitor

SIXTH PRIZE: Two Uniden FRS/GMRS Radios with Bateries

SEVENTH PRIZE: Coax Wrap

EIGHT PRIZE: Bongo Ties

Since Feb. 03, 209 Radios, including **FOUR** Elecraft K3's, 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, Jon, Mark, and everyone at HRO for their continued **SUP-PORT!**

K6AK Jim

First Field Day Antenna Work “Party”

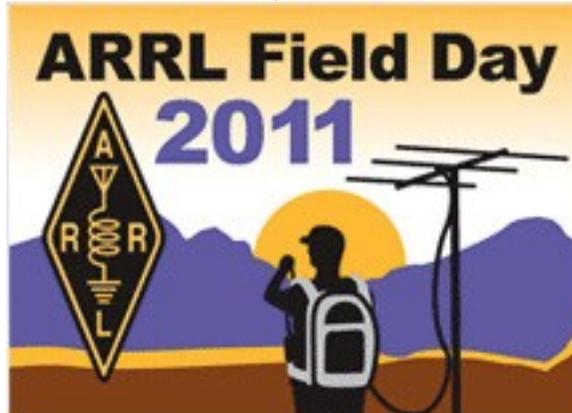
Our first work party in preparation for this year’s Field Day effort was held at my shop in Redwood City on Saturday, April 23rd. The hard-working team consisted of Gerry, N6NV, Gary, KI6HIG, Don KE6CFX, Darryl, KI6LDM, Jim, KI6KVV, and his son Eric, KJ6LAY, Marty, W6NEV, Rob, KI6INR, David, KI6ZHD, Jake, N6EWS, Rick, K6RDM and your faithful scribe and Field Day coordinator, Doug, KG6LWE.

Our plan was to attack the oldest of our remaining unmodified KT-34 tri-band antennas, installing another of the excellent M-squared upgrade kits. The kit consists of new caps for the capacitor tubes, a new Gamma-match section, new fiberglass insulators for each element, and CNC machined clamps which replace the plastic spreaders and aluminum shorting straps. The end result is an antenna which is mechanically stronger without the conductivity problems associated with the poor fit of the shorting straps.

Since we’d spent a lot of time on this particular antenna in advance of last year’s event, most of the cleaning and polishing was already done. This made for an easier disassembly, since nothing was stuck together by corrosion. The weather cooperated so our well-practiced team swung into action at 10:00, assembling our makeshift workbenches in the driveway, and pulling elements out of the overhead storage rack. We divided into 2 teams, each working on one element at a time.

With a short lunch break for burgers hot off the grill, we managed to get all 4 elements completely disassembled, modified and reassembled to the correct dimensions, with all of the metal-to-metal joints liberally coated with Penetrox, anti-oxidant (thanks to Rebar for 2 bottles!). The last pieces went together at around

2:30, at which time the decision was made to call it a day. We will fully assemble the modified elements onto the boom and put the antenna in the air at a subsequent gathering, when we have several antennas to test. The idea here is to pull the tower trailer out, set it up in the cul-du-sac where my shop is located once, and test several antennas.



Next up is the four (yup, FOUR) element 40 Meter monobander Gerry recently purchased. It’s been up for many years, and will likely require a complete disassembly, careful cleaning, polishing and reassembly.

Unfortunately, there is no upgrade kit for this antenna like the one for the KT-34, so hopefully the basic beam is in relatively good shape.

These gatherings are held in Redwood City, usually on Saturdays, and are announced by E-mail to the list of volunteers. If you are interested in joining us for future work parties, please contact me at dteter@wcv.com and I’ll add you to the list.

On another note, Rebar has been busy hustling up K3’s to equip our stations with in an effort to overcome our biggest technical issue last year, inter-station interference. The tight front ends and roofing filters in the K3 should go a long way toward keeping our transmitters out of each other’s receivers. We now have enough K3’s lined up to equip all of our HF stations! Way to go Rebar!

Thanks to all who attended our first get work party, and to everyone who has expressed an interest in participating in our biggest annual event. Station Captains for this year are:

Phone A - Rebar, N6DB (yup, new call)
 CW-A, Kristen, K6WX
 Phone-B, Marty, W6NEV

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CW-B, Rick, N6DQ

VHF/UHF/Sat – Joel, KD6W

And back at GOTA for another fabulous effort,
John K6YP and Rob, KI6INR

If you're interested in operating at any of these stations, please contact the captain(s) for a slot in their operating schedules.

Jim, KI6KVV has volunteered again to put together the Public Info booth that was so popular last year. I'll line up visits by elected officials and served agencies. The one area we have missed in years past is the 100 bonus points for the "Educational Activity." Interested volunteers are encouraged to check the Field Day Rules at www.arrl.org/files/file/Field-Day/2011/2011_Rules.pdf for more info.

The one other important position that remains to be filled is that of Food Coordinator. It has been decided that we'll follow last year's meal plan, which worked well, of make-it-yourself sandwiches for lunch on Friday (set-up day), Saturday, with soup, stew and possibly a casserole for dinner Saturday evening, and for lunch on Sunday as we tear down and pack out. Coffee and donuts will be available as always on Sunday morning. We still need a volunteer to coordinate the procurement of sandwich fixings, and service of all this yummy stuff to our army of hungry hams. Please contact me if you can help.

We are on our way to another fun and successful Field Day. Those of you who have participated before, know what a fun weekend this makes. The rest of you need to find out what you've been missing. Always the fourth full weekend in June, this year it will be the 24th, 25th and 26th. Come out to Bayfront Park in Menlo Park to enjoy the best weekend of the year with the friendliest amateur radio club around, PAARA.

73 de KG6LWE

GENERAL CLASS AMATEUR RADIO LICENSE COURSE STARTING May 19th, 2011!

Upgrade now! Sign up for the FARS General Class License Training Course!

Dates: 6 two hour weekly classes starting Thursday May 19th and running through June 23rd, 2011.

Time: 7 pm – 9 pm on Thursday evenings

Location: Mountain View Fire Administration Building, 1000 Villa Avenue, Mountain View CA 94041

Cost: \$30 (\$25 for K-12 students, or seniors 65 or older), text book not included, exam cost is included!

Sign up on the web at: <http://www.fars.k6ya.org/classes> or email Kevin at k6xxx@arrl.net for more info.

Ready to take your Amateur Radio experience to the next level?

Ready to earn your HF voice and high power privileges?

Ready to communicate with other hams around the world?

This course will cover everything you need to know in order to pass the FCC General Class License Exam.

Now's the perfect time to upgrade your ham license! Last chance before the question pool changes later this year!

Not only will you gear up to pass the exam, you'll also gain valuable general radio and amateur radio practical knowledge, and learn other fun stuff!

The exam is given as the last class session, and its cost is included!

There will be a maximum of 30 students so that everyone has a chance to ask questions.

While a Technician class license is recommended, it is not required to take this course.

Sign up now and reserve your slot!

Questions? Contact Kevin Weiler, K6XXX at k6xxx@arrl.net

Sponsored by Foothills Amateur Radio Society (FARS - <http://www.fars.k6ya.org/>)

PAARAgaphs—April 2011

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Celebrating 74 years as an active ham radio club—Since 1937

AMENDED (and Revised to include additional New Members) Minutes of the 20 April 2011 PAARA Board Meeting inclusion in PAARAgaphs:

The Board Meeting was held at the Palo Alto Red Cross building, commencing at 7:30 PM on the 20th of April, 2011. Attending were Kristen McIntyre K6WX (Pres), Rick Melrose K6RDM (Sec, Database), Rob Riley KI6INR (Dir), Byron Beck KG6UOB (Dir), Larry Rebarchik N6DB (Dir), Marty Wayne W6NEV (Dir), Gerry Tucker N6NV (Property Manager) and Doug Teter KG6LWE (Field Day Coordinator). A quorum was present.

Secretary's Report: Rick K6RDM reports that the minutes of the 16th of March, Board meeting had been previously submitted and approved. There were six renewals and one new member at the April 1st meeting. The April issue of PAARAgaphs was the last of the year to be mailed to all 2010 members. An email reminder will be sent to non-renewals after which, work will begin on creating a new Club Roster to be distributed to the current membership.

President's Report: Kristen K6WX reported that the presentation by John Miller K6MM at the April General Meeting on his DXpedition to St. Martin Island was well crafted and received lots of praise as did his comments regarding the Club Website which he manages.

Kristen reviewed for the board the roster of speakers scheduled for May and various months through the Fall. The speaker for the May meeting will be Jim Brown K9YC talking about properties and utilization of the ubiquitous ferrites.

The renovations to our meeting space at the recreation center appear to be complete and we are awaiting word regarding when our meetings there can be resumed. Meanwhile, the May meeting will be in the Council Chambers unless we are informed otherwise. In any case, the space to be used will be announced on the N6NFI Repeater, the PAARA W3 portal and calendar of events.

The date of the 31st of July has been confirmed for this year's PAARASHOOT at the Santa Clara County Field Sports Park. As previously reported, it will be a pot-luck so coordination on what to bring will be appropriate, and arrangements will be announced in future PAARAgaphs and at the May 6th General Meeting.

The Maker Faire is coming up on May 22nd & 23rd (11AM to 8 PM both days) at the San Mateo County Event Center. PAARA will have a booth again this year with a demonstration of modulation modes, transmitting CW, PSK31, RF and Audio across the room. There is room for additional participation – if any other of our members might like to be involved, let Kristen know.

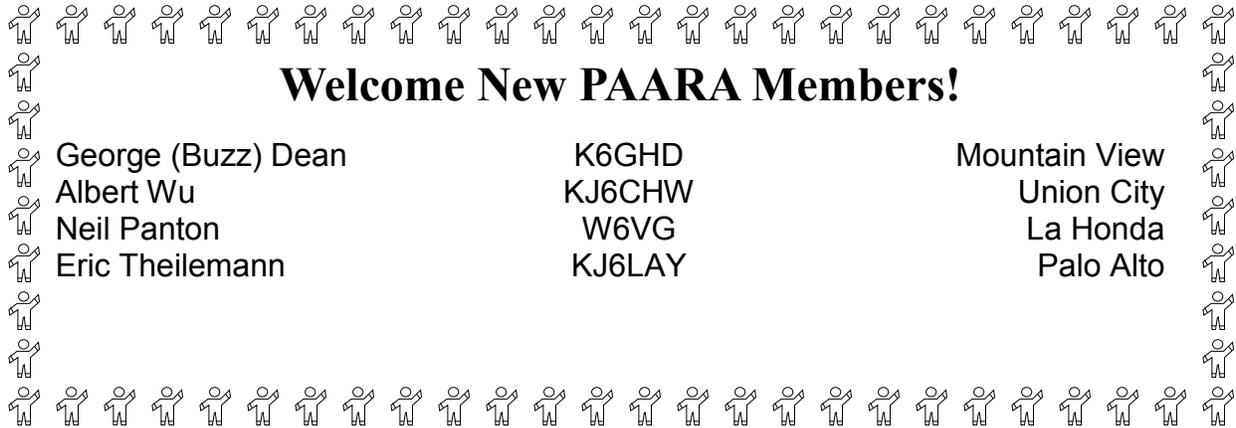
This year's Field Day is now a mere month and a half away – not long at all, and planning and preparation are moving apace. This coming Saturday there will be a KT-34 antenna refurbishing get-together under Doug's auspices and very likely other such work party opportunities for participation in May will be announced at the General Meeting on May 6th. A primary need at this point is to fill the post of Food Coordinator. It's really not a difficult job as the basic planning is already done, kind of fun actually, needing only some affinity for food and a bit of talent for planning. Any volunteers?

Kristen mentioned the word is that the Livermore Swap Meet is closing down. An announcement from the sponsoring club said, "After nearly two decades of monthly Sunday morning amateur radio and electronics swap meets, the Livermore Amateur Radio Klub (LARK) is pulling the plug and canceling all future swap meets effective immediately. There will NOT be a May swap and all swaps for the foreseeable future have been canceled." Rising costs and diminished participation were the reasons cited. Needless to say, the swap meet will be missed.

Kristen reported that she had received an email from Dan Curtis N6WN saying, "On January 29, 2011 the NARCC board approved a plan to reduce the number of simplex frequencies from 26 to 13 and to use the spectrum of those released 13 simplex frequencies for digital repeaters. Every existing 2m simplex frequency with XXX.4XX has been removed leaving only XXX.5XX frequencies. NARCC's next general meeting is to be held Saturday, May 7th at the Contra Costa Water District (map can be found at www.narcc.org on the meeting tab). Check-in starts at 9:30 a.m." While the PAARA Club has no official position on this matter, the item will be placed on the docket for discussion at the May 6th General Meeting.

Treasurer's Report: As Ron W6AZ was unable to attend this board meeting, his report is deferred until the [May 18th](#) board meeting.

The meeting was adjourned at 8:55 PM.



Welcome New PAARA Members!

George (Buzz) Dean	K6GHD	Mountain View
Albert Wu	KJ6CHW	Union City
Neil Panton	W6VG	La Honda
Eric Theilemann	KJ6LAY	Palo Alto

The Following Badges Are Available*

K6FTF
KJ6GBE
N6GYR
KG6GY Y
N6JCY
KG6QKN

Mark
Sreendish
George
Art
Joani
Francis

San Jose
Redwood City
South San Francisco
San Jose
San Jose
Palo Alto

Silent Key: Owner of Industrial Communication Engineers Mike Koss, W9SU.



(SK) Mike Koss, W9SU (left), receives the IRCC Technical Excellence Award in 2005.

Mike Koss, W9SU, of Indianapolis, Indiana, passed away Monday, March 28. He was 57. According to his friend Brian Smith, W9IND, Koss was found on his workshop floor and paramedics were unable to revive him. Industrial Communications Engineers (ICE) is well known in the amateur community for surge protectors, line filters, RF switches and more.

On March 31, ICE released the following statement concerning the company: "Industrial Communication Engineers (ICE), Ltd, its employees and the Indianapolis Amateur Radio community mourn the passing of company founder Mike Koss, W9SU, on March 28, 2011. Due to Mike's sudden and unexpected death, ICE has temporarily suspended accepting new orders. We are in the process of reorganizing the company, as well as identifying and fulfilling current open orders and products returned for repair.



James Farrey
Sales Manager

James Electronics Ltd
1355 Shoreway Road, Belmont, CA 94002
Tel: 650•592•6718 x 350 Fax: 650•802•1520
Direct: 650•802•1511 jfarrey@jameco.com

www.jameco.com

YOUR AD
HERE

The following badges are ready for pickup:

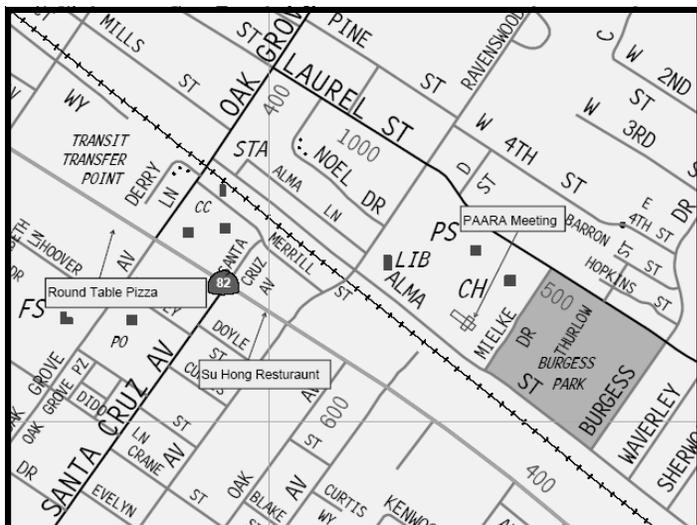
K6FTF Mark; **KJ6GBE** Sreendish;
N6GYR George; **KG6GYG** Art;
N6JCY Joani; **KG6QKN** Francis;
KG6QKO Kali; **KF6SRD** Chuck;
K6TSR George; **K6VVK** Vincent

If you would like to order a badge, see
Lynn Gentry, KG6JPV.

PAARA Weekly Radio Net

Info and Swap Session every Monday evening at 8:30pm on the N6NFI 145.230 MHz repeater.

<u>Week</u>	<u>Control Operator</u>
1 st	Doug Teter - KG6LWE
2 nd	Robin Yee—KI6YTA
3 rd	Jack Pines - W1VSL



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

Join us for pre-meeting eyeball
Eye Ball QSO 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!*

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 100Hz.

Membership in PAARA is \$20.00 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

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DON'T FORGET!

Amateur Radio Technology Day

2011 DATES

APRIL 16
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 JUNE 11
 JULY 16
 AUGUST 27
 SEPTEMBER

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Submissions for PAARAgaphs by the 3rd
Wednesday

Text: .doc, RTF, or

TEXT

Photos: JPEG or TIFF raster im-
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