

K6YQT

PAARA NEWSLETTER
VOLUME 53 NUMBER 4, April 2004

W6OTX



PAARAGraphs

Celebrating 67 years as an *active* ham radio club—Since 1937
Newsletter for the Palo Alto Amateur Radio Association, Inc.



CALENDAR

April.....2	PAARA Meeting , 7:30 Menlo Park Recreation Center 700 Alma Street, Menlo Park
April.....7	PAARA Board Meeting , 7:30 Red Cross Bld., 400 Mitchell Ln., Palo Alto
May.....7	PAARA Meeting , 7:30
May.....12	PAARA Board Meeting , 7:30
June.....4	PAARA Meeting , 7:30
June.....9	PAARA Board Meeting , 7:30



PROGRAM

April 2, 2004 7:30 P.

Speakers:

Chuck Waltman, N0CW
and
David Williams, KD6QPR

“Broadcast Radio: Behind the Scenes with the Experts”

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

April 2nd PAARA speakers:

Chuck Waltman, N0CW
and

David Williams, KD6QPR

Program: Broadcast Radio: Behind the
Scenes with the Experts

Partial list of Topics:

- **Modern solid state AM transmitters**
- **and high power FM transmitters.**
- **Directional antenna systems**
- **Transmission lines**
- **Programming automation**
- **Satellite program distribution**
- **T-1 and ISDN telephone systems**

Ask any questions related to Broadcasting

Speaker information:

Chuck Waltman N0CW, Chief Engineer, Clear Channel San Francisco: In charge of all RF transmitting facilities including AM, FM main, and FM (N zero CW) booster sites. Deals with digital and analog studio to transmitter links, satellites, microwave, emergency power, transmitting and antenna equipment. Has worked at approximately 30 stations over 35 year period in Colorado and Bay Area.

David Williams KD6QPR, Director of Engineering Services, Clear Channel San Francisco/San Jose Oversees technical operation of eleven stations: KABL, KNEW, KIOI, KISQ, KKSF, KMEL, KYLD, KSJO, KFJO, KUFX, KCNL. Areas of responsibility include support staff, budgeting, planning of studio, computer, and transmission facilities. Has worked at approximately 20 stations over 32 year period in Northern California

Mark your calendar and don't sit down in that Bar-couch because Chuck and David will show you behind the scenes “full screen pictures” and enlighten you to the daily operating of Broadcast Stations. Program includes lots of informative and helpful tips to get you started assembling your own Multi-Megawatt Broadcast Station

Miscellaneous

ELECTRONIC FLEA MARKET @ Foothill College

Sponsorship by A.S.V.A.R.O.

[Association of Silicon Valley Amateur Radio Organizations]
 Second Saturday of month, March-October, 6 AM-2PM
 Howard M. Krawetz, N6HM 650-856-9761

PAARA Palo Alto Amateur Radio Association

meets 1st Friday 7:30 each month, Net 145.230 each Monday 8:30,
 contact: Andreas Junge N6NU.....(650) 233 0843

FARS Foothills Amateur Radio Society

meets 4th Friday 7:30 each month,
 contact: <http://www.fars.k6ya.org>.

NCDXC Northern California DX Club

meets 2nd Friday 7:30 each month,
 repeater for member info 147.360, Thur 8:00PM,
 contact: Mike Gavin W6WZ, (650) 851 8699.

NorCalQRP Northern California QRP Club

meets 1st Sunday each month,
 contact: Jim Cates 3241 Eastwood Rd., Sacramento, CA 95821.

SPECS Southern Peninsula Emergency Communication System

meets each Monday 8:00PM on Net 145.27, 440.80 MHz, www.specsnet.org
 contact: Tom Cascone, KF6LWZ, 650-688-0441 specs@sypal.org

SCARES South County Amateur Radio Emergency Service

meets 3rd Thursday 7:30 each month, San Carlos City Hall.
 Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings,
 contact:

SCCARA Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl
 Nets: 2m, 7:30 Mon; 70cm, 442.425+ (pl 107.2) Thur.
 Web site www.qsl.net/seccara
 meets 2nd Mon each month @ 7:30 PM.
 contact: 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: Lou Stierer WA6QYS 408 241 7999

WVARA West Valley Amateur Radio Association

operates W6PIY repeater 147.39+, 223.96, 441.875, 1286.2
 WVARA now has a 6M repeater, linked to 440 and 1.2GHz
 meets 3rd Wed every month.

contact: Bill Ashby N6FFC, 408-267-3118 or
N6FFC@Juno.com or N6FFC@ARRL.NET

Perham Foundation (discontinued)

Disaster Services.

PALO ALTO CHAPTER, American Red Cross, www.paarc.org

400 Mitchell Lane
 Meets 3rd Wed. each month 7:30PM.
 HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.
 contact: Mac Millian 650-688-0423. MACM@paarc.org

SAN JOSE CHAPTER, American Red Cross

contact: Scott Hensley KB6UOO, (408) 967 7924. FSHENSLEY@NOVELL.COM

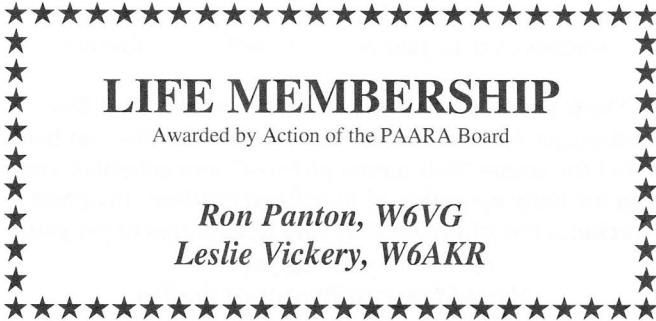
VE Exams

3rd Saturday each month, 10:30AM, 145.23- PL=100Hz
 Redwood City Main Library, Community Conference Room
 1044 Middlefield Road, Redwood City, CA
 contact: Al WB6IMX@att.net.

Swap meet

LosPositas College, Livermore, 1st Sunday each month.
 Contact: Cliff Kibbe (209) 835 6715 or Eliot Ross (925) 606 7710

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



LIFE MEMBERSHIP

Awarded by Action of the PAARA Board

Ron Panton, W6VG
 Leslie Vickery, W6AKR

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.see "Calendar" for Board meeting times, visitors welcome-

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Submit material for PAARAGraphs by the 15th

Use WORD, MS Publisher, rich text, or ascii

(New Times Roman is the common font)

send pictures as attachments jpg

PAARA Website: www.paara.org

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



PAARA HONORS

VLADIMIR BULYEA NIKITA TAMISHELSKI. KY6JLY.

by Terry Finn AF6TF

PAARA member **Vladimir Bulyea Nikita Tamishelski, KY6JLY** is well known to his many friends and radio associates for his absolutely incredible and humorous stories of his life experiences and his ability to volunteer for so many PAARA group activities. He is commonly known in ham circles as Bull and prefers to be acknowledged by that name.

Vladimir "Bull" Tamishelski was born on September 26, 1948 in the port city of Vladivostok in the Premorski region near the Sea of Japan. This was the major Russian port and military base on the east coast and home to the vast Russian Navy submarine fleet. His father was a technology expert with the Russian Navy and was rather involved with the development and manufacturing of sophisticated military communications and fire power control devices used on Russian military vessels and submarines.

Bull attended the mandatory elementary school classes where they were taught the basics and graduated through the high school subjects while learning about the history of Russia with a strong emphasis on the current political beliefs of the Communist Party.

In the early 60's, the Tamishelski family moved inland to the City of Alma-ata, which was a secret military research and development area located near the well known tourist city of Tolstoguzov, in the Kazakhstan region. It was here that Bull's father was involved in the secret nuclear project that ultimately became known as the Russian space program.

Bull graduated from the Tolstoguzov regional technical training facility in 1967 and was immediately hired to work as an internal Government spy within the primary weapons manufacturing facility at Alma-ata. As a formally educated draftsman, with an emphasis on electronics, he was able to work in several areas doing a variety of what appeared to be regular work related activities. In reality, Bull was working for an arm of the KGB, the secret police. His duties included reporting suspicious activities of workers, especially those who were thought to be selling information to the United States CIA.

During the summer of 1978, Bull's father qualified for an exit visa from the Government which allowed the family to travel to Canada as tourists for a short period of time. They all flew to Montreal, Quebec, Canada, where they were met by several members of the Russian immigrants underground movement who provided each person in the family with forged immigration documents that allowed them to enter the United States. The family entered at Niagara Falls, New York, and immediately traveled across the Country via Greyhound bus to San Francisco where they were welcomed by the white Russian immigrant underground community located in the sunset district.



Since then, Bull has maintained a relatively low profile as an illegal alien and has been able to hold several positions with large corporations as an electronic design draftsman. Some of those companies are well known manufacturers of computer components and security devices used by the U.S. military. Bull met **Don Johnson, W6QIE**, of South San Francisco in 1980 and learned the morse code and enough electronic theory to sit for and pass his General class license. He was issued call sign **KY6JLY** which a lot of his amateur radio friends refer to as **KY-JELLY**, the substance used for lubrication.

Bull joined PAARA in the late eighties after he was introduced by PAARA members **Stan Towle, WA6ZGI**, **Gerry Tucker, N6NV**, and **Art Bolton, NM6K (SK)**. Since then, Bull has been very active within our radio club and freely donates his time, energy and expertise for the various PAARA projects, especially Field Day, the electronics flea market and most recently, the PAARA sponsored code training classes that will start in April.

We congratulate and thank **KY6JLY** for his efforts over the years and encourage other PAARA members to take a moment to meet Bull and ask him about his really interesting and exciting life experiences. Bull tries to make all of the monthly PAARA meetings and has offered to be one of the instructors at the planned code training classes. Thank you, Bull, we wish you and all the members of PAARA a happy April fool's day.

~Terry Finn. AF6TF.

FYBO 2004, a Winter QRP LXpedition

by Vic Black AB6SO



Eric Hilding K6VVA from Morgan Hill has coined a new phrase, LXpedition, for "local expedition", as opposed to a DXpedition to a distant land. **Kit Blanke WA6PWW, Ron Chester W6AZ** and I organized our own LXpedition for the annual QRP FYBO, or Freeze Your Butt Off, winter field day. It's an HF CW/SSB contest with the usual multipliers for various power levels and states worked. An overall multiplier based on the operating temperature at the operating position is then applied to arrive\at the final score. The colder it is, the higher your multiplier. We probably could have stayed at home and had the same temperature multiplier, but we wouldn't experience the sense of adventure that comes from setting up in a more exotic location. We picked mile high San Benito Peak for our entry. The repeater antenna encrusted peak is the highest point in mostly agricultural San Benito County. It's a popular VHF contest destination an hour and a half drive south of San Jose. It promised to provide both cold weather and plenty of room for antennas with a view. We weren't disappointed on either count. Our operating temperature got down to 38 degrees F and the view included the entire Sierra Nevada Range to the east. There are very few towns in San Benito County so it's in great demand by County Hunters. The county seat, Hollister, is known as the "earthquake capital of California". The second largest town is San Juan Bautista and third place probably goes to a roadside fruit stand, Casa de Fruta. The mountain peak overlooks the company ghost town of New Idria. Located at 3550 feet elevation in San Benito County, the mine and town are largely intact, but in a state of arrested decay. The world's largest mercury mines, Idria and Almaden, are located in Europe. Third and fourth largest were New Idria and New Almaden located in Northern California. New Idria is reputedly the deepest mercury mine in the world. The California mines were shut down in 1972/73. Some say the ore ran out. Others believe there were environmental concerns, but neither mine was ever completely cleaned up. Conspiracy theorists believe the federal government forced New Idria and New Almaden out of business so we would become dependent on European allies for mercury in exchange for the US establishing navy bases in the Adriatic Sea. Creeks running out of the area of New Idria still run red, maybe from mercury ore (red cinnabar), but probably because of the high iron content in the soil. Soil in the area also has a high manganese content. Another nearby mine, the Aurora Mine, produced silver and lead, so the entire area is full of toxic heavy metals. The creek running out of the Aurora runs blue. In addition, the world's largest short fiber asbestos mine is located here. Many trees and plants are unique to the area and their presence is used by prospectors to predict mineral content below the surface. On the way to the peak we passed a benitoite mine. Benitoite, found nowhere

else on earth, is California's official state gem stone and is a rare, expensive fiery clear blue collector gemstone rivaling the best Kashmir or Yogo sapphires or fancy blue diamonds. The only plesiosaur fossil ever found in California came from nearby. Jurassic era ammonites are common in the fossil beds. Getting to the mountain was a challenge. Only the night before we had attended the February PAARA meeting, where **Jignesh Desai VU3JDI** presented an excellent talk about IOTA, or Islands on the Air" DXpeditions he has participated in. We stayed until past midnight at the optional pizza bash following the meeting. Because of that we had to sleep fast in order to get up at 6 am for the drive to our operating location. We didn't see any other cars for an hour on the way in. That's quite a statement considering the proximity to San Jose. With Kit at the wheel of his full size 4 wheel drive pickup truck we dodged snow on the ground, forded several creeks, drove through huge ruts and mud holes and finally set up just below the mile high peak where the temperature was as low as 38 degrees F. Conditions were poor on 10 and 15 meters, but we had a good time on 20 meters using battery powered FT-817s running 5 watts CW into dipoles. We were visited by several motorcycle dirt bike and all terrain vehicle riders who were practicing for a 400-bike cross country race scheduled for the following weekend. Luckily, we didn't have to endure the noise of the race during our LXpedition. When the first batch of riders approached, I walked out to watch them pass by. They hadn't seen the pick up truck located behind some bushes so they were startled to see me standing there in street clothes. They stopped and asked if there had been an airplane crash or something. The riders were aware of Amateur Radio because the Bureau of Land Management encourages everyone using the land to carry CB, FRS/GMRS or Amateur radios, as appropriate, since there are no other means of communications in case of emergencies. The lack of background electrical noise on the mountain was a blessing for us. Kit made a few contacts before gravity pulled him towards our food supply. I made a handful of contacts before Raynaud's Syndrome made my fingers too numb from the cold to operate the key properly. Ron figured out how to operate a CW paddle key while wearing gloves and had a good run at working stations that were running as little as 1 watt as far away as New York State. We contacted many of our friends from all over the country whom we hadn't seen since the Pacificon convention last fall. On the way out we stopped for dinner at a 1950's era diner in Hollister to warm up and reflect on the day. Every time I'm in Hollister I think about the 1953 motorcycle gang film classic "The Wild One", which was about the town and starred **KE6PZH Martin Brandeaux**, also known as Marlin Brando. Even though our contest scores were low, the day was a huge success because of all of the fun we had from the challenge. And, oh yes, did I mention it? We didn't drink the water. It's a bit spooky, if you catch my drift.

FLEA MARKET NEWS & UPDATE.

PAARA member **Howard Takaoka, KG6GRO**, who is very active in our club and FARS, is on the Board of Directors for ASVARO, the Association of Silicon Valley Amateur Radio Organizations. www.asvaro.org

Howard has been very good about keeping the PAARA Board of Directors updated on the problem of location for the monthly electronic flea markets. As you know, it is asvaro that administers the monthly flea market for the various radio clubs, who are then responsible for actually running a specific month to raise funds for their particular radio club. For example, PAARA will be running the flea market in April, on April 10/04 from 6 AM till noon. We expect many PAARA members to volunteer for duties on that Saturday.

The flea market was held in the southern parking lot at Foothill College for many years, however,

the administration at the College would not budge this year on renewing the contract. The College would only agree to a month by month contract, rather than an annual contract. They claimed that they were receiving many complaints from surrounding residential areas regarding noise and traffic congestion and they wanted more insurance coverage for our little monthly flea market activity. The College also claimed that they would be completing some type of construction project in the parking lots this year. All in all, it became rather obvious that the people at Foothill College did not want to have any part of us, our associations or anyone involved in our public radio emergency service or ham radio hobby group.

The ASVARO Board of Directors and other radio operators worked diligently and carefully for several months to locate a new parking lot and display area. After much consideration and rather detailed planning the new site has been announced as the large parking area near the 'Blue Cube', Onizuka Air Force Base and the Lockheed building. The specific address is 11th Avenue and C Street in Sunnyvale. See the website for good directions: www.asvaro.org

One of the new rules for this facility is absolutely **NO PHOTOGRAPHY; NO VIDEO and NO FIREARMS**. Remember that this is still considered a national security area because of its close proximity to an active Air Force facility.

Please spread the word on the changes to the flea market. We don't want anyone to drive to the wrong place, especially in April as PAARA wants you to purchase your coffee, hot dog or beverage at the PAARA booth while you are shopping for those other rather special deals.

~Terry Finn. AF6TF.

Directions to Electronics Flea Market in Sunnyvale

From Saratoga/Cupertino area: Take 85 north (towards Mountain View) to 237 North exit (towards Milpitas). East on 237 to Mathilda Avenue. Turn left onto Mathilda, get into the rightmost left-turn lane left-turn onto Moffet Park Drive under 237. See directions from Moffet Park Drive, below.

From Palo Alto and north: Take 101 south (towards San Jose) past Moffet Field to Mathilda Avenue. Exit onto Mathilda Avenue North and get into the rightmost left turn lane to Moffet Park Drive. See directions from Moffet Park Drive, below.

From Milpitas and east bay: Take 237 west (towards Mountain View), exit onto Mathilda Avenue. At bottom of ramp, cut across Mathilda to left-turn lane to Moffet Park Drive. See directions from Moffet Park Drive, below.

From San Jose and south: Take 101 north (towards San Francisco) past Sunnyvale to Mathilda Avenue North. Get into rightmost left-turn lane to Moffet Park Drive. See directions from Moffet Park Drive, below.

From Moffet Park Drive: From Mathilda Avenue, turn left onto Moffet Park Drive. Get into right lane and proceed to traffic signal at Lockheed Martin Way. Turn right onto Lockheed Martin Way turn left at the roadblock onto 11th Avenue one block to flea market entrance to the right.



Talk-In
 N6NFI/R 145.230 (-) PL 100.0
 W6ASH/R 145.270 (-) PL 100.0

WWW.asvaro.org
 Association of Silicon Valley Amateur Radio Organizations



Technical Tip

Check That Oil

by Vic Black AB6SO

Recently, PAARA member Jack Troster W6ISQ used his 40 year old Heathkit "Cantenna" to tune up on 10 meters. For the uninitiated, the "Cantenna" is a one gallon paint can with a 50 Ohm dummy load inside. MFJ sells a version now. The can is filled with oil to absorb heat generated while tuning up with maximum power. Jack only used 5 watts, though, so the dummy load would absorb all of the power and not radiate any energy on the band so as not to interfere with anyone. The idea is to match your transmitter to a 50 Ohm load off the air before switching over to a 50 Ohm antenna. By habit, Jack signed his call sign after tuning up, but he forgot to change the antenna switch back to the antenna. Immediately a station in South Dakota called. The most likely explanation is that a few milliwatts of power must have been radiated by the coax cable between the transmitter and the dummy load and the 10 meter band must have been very "hot" that day. Anyway, the question that comes to mind is, "If you change the oil to some fresh 10W-40, Jack, do you think it will work as well on 40-meters?"



ARRL Headquarters

ARRL Letter, Vol 23, No 04

ARRL TO PROPOSE NEW ENTRY-LEVEL LICENSE, CODE-FREE HF ACCESS

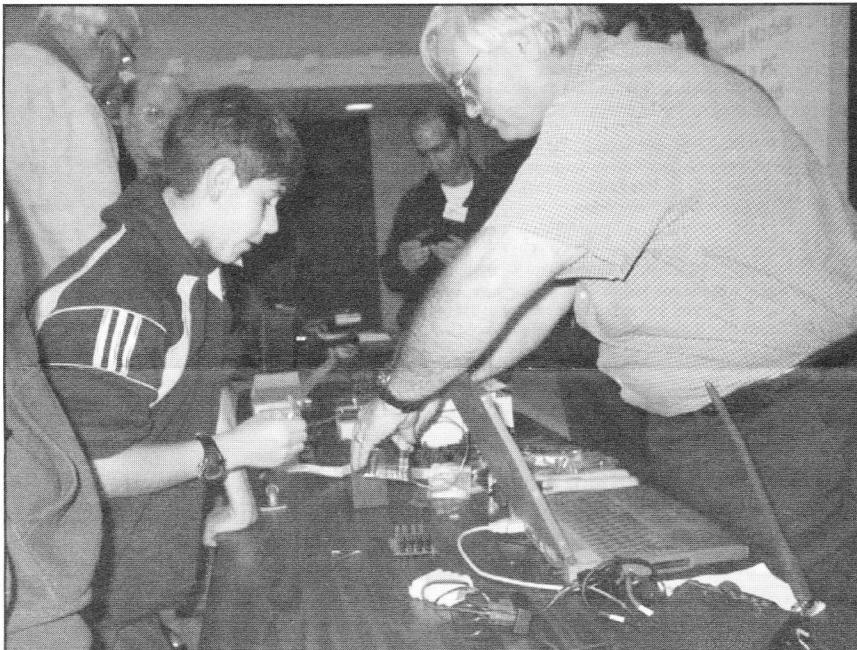
The ARRL will ask the FCC to create a new entry-level Amateur Radio license that would grant HF phone privileges without a Morse code test. The League also will propose consolidating all current licensees into three classes, retaining the Element 1 Morse requirement—now 5 WPM—only for the highest class. The ARRL Board of Directors overwhelmingly approved the plan January 16 during its Annual Meeting in Windsor, Connecticut. The proposals, put forth by the ARRL Executive Committee, were in response to changes made in Article 25 of the international Radio Regulations at World Radiocommunication Conference 2003 (WRC-03).

"Change in the Amateur Radio Service in the US, especially license requirements and even

more so when Morse is involved, has always been emotional," said ARRL First Vice President Joel Harrison, W5ZN, in presenting the Executive Committee's recommendations. "In fact, without a doubt, Morse is Amateur Radio's 'religious debate.'" Harrison said the League's proposal would provide "a true entry-level license with HF privileges" to promote growth in the Amateur Service.

The League says its proposal would continue a process of streamlining the amateur licensing structure that the FCC began more than five years ago but left unfinished in its Amateur Service license restructuring Report and Order (WT 98-143) that went into effect April 15, 2000.

A new entry-level license class—being called "Novice" for now—would require a 25-question written exam. It would offer limited HF CW/data and phone/image privileges on 80, 40, 15 and 10 meters as well as VHF and UHF privileges on 6 and 2 meters and on 222-225 and 430-450 MHz. Power output would be restricted to 100 W on 80, 40,



and 15 meters and to 50 W on 10 meters and up.

"The Board sought to achieve balance in giving new Novice licensees the opportunity to sample a wider range of Amateur Radio activity than is available to current Technicians while retaining a motivation to upgrade," said ARRL CEO David Sumner, K1ZZ. The ARRL plan would grandfather current Novice licensees into the new entry-level class without further testing.

The middle group of licensees—Technician, Tech Plus (Technician with Element 1 credit) and General—would be merged into a new General license that also would not require a Morse examination. Current Technician and Tech Plus license holders automatically would gain current General class privileges without additional testing. The current Element 3 General examination would remain in place for new applicants.

The Board indicated that it saw no compelling reason to change the Amateur Extra class license requirements. The ARRL plan calls on the FCC to combine the current Advanced and Amateur Extra class licensees into Amateur Extra, because the technical level of the exams passed by these licensees is very similar. New applicants for Extra would have to pass a 5 WPM Morse code examination, and the written exam would stay

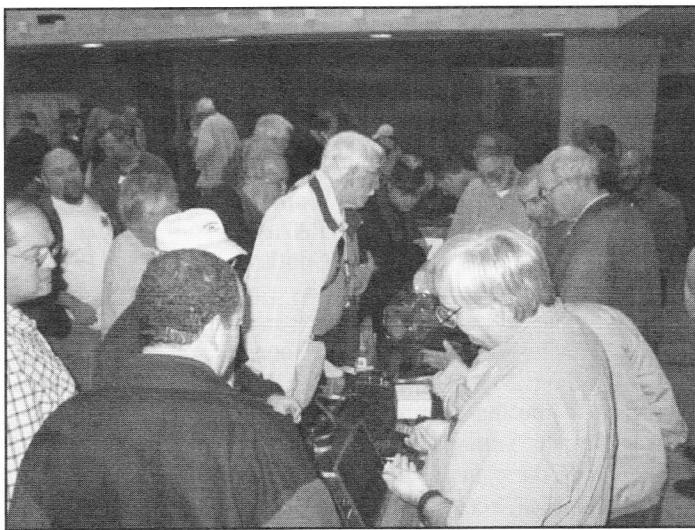
the same. Sumner said the Board felt that the highest level of accomplishment should include basic Morse capability. Current Novice, Tech Plus and General licensees would receive lifetime 5 WPM Morse credit.

Among other advantages, Sumner said the plan would allow new Novices to participate in HF SSB emergency nets on 75 and 40 meters as well as on the top 100 kHz of 15 meters. The new license also could get another name, Sumner said. "We're trying to recapture the magic of the old Novice license, but in a manner that's appropriate for the 21st century."

The overall proposed ARRL license restructuring plan would more smoothly integrate HF spectrum privileges across the three license classes and would incorporate the "Novice refarming" plan the League put forth nearly two years ago in a Petition for Rule Making (RM-10413). The FCC has not yet acted on the ARRL plan, which would

(Continued on page 43) ARRL

(Continued from page 42) ARRL



alter current HF subbands.

The ARRL license restructuring design calls for no changes in privileges for Extra and General class licensees on 160, 60, 30, 20, 17 or 12 meters. Novice licensees would have no access to those bands.

See "ARRL to Propose New Entry-Level License, Code-Free HF Access" on the ARRL Web site,

< [REDACTED] >, for the specific subband allocations ARRL is proposing for each class.

The amateur community and other interested parties will have an opportunity to comment on the ARRL proposal once the League formally files a Petition for Rule Making and the FCC puts it on public notice.

ARRL TO ESTABLISH MENTORING PROGRAMS

To help new licensees and those seeking to expand their horizons get more out of Amateur Radio, the ARRL Board of Directors has approved development of a four-level set of Amateur Radio mentoring programs. Proposed by the Volunteer Resources Committee, the programs will be designed this year. The mentoring program levels will be known as ARRL Club Mentor, ARRL Mentor, Interactive Mentor and Special Interest Mentor.

The ARRL Club Mentor will involve the participation of ARRL-affiliated clubs in close cooperation with ARRL Headquarters staff. Affiliated clubs will be encouraged to actively participate in this program to "mainstream" more people, licensed and otherwise, into Amateur Radio. The club mentor program also has the additional benefit of potentially increasing a club's membership as well.

The ARRL Mentor program will work through ARRL Headquarters. An ARRL mentor is a person with an interest in mentoring—or "Elmering"—new licensees who may or may not be members of an ARRL-affiliated club. ARRL

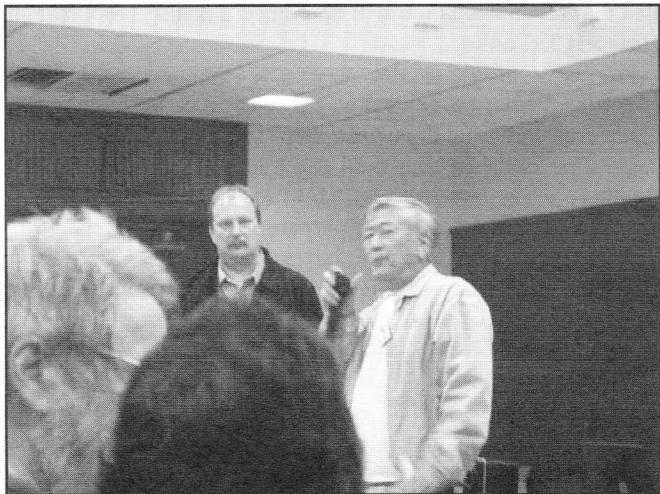
Headquarters staff will support these mentors, who must be ARRL members.

The Interactive Mentor is intended to aid enterprising new hams via the ARRL Web site by providing answers to basic questions and through forums, where discourse between new hams and mentors would help new hams to get on the air.

The Special Interest Mentor is intended to match people with interests in advanced, specialized areas of Amateur Radio technology with mentors who are experienced in these technologies. The ARRL Web site would refer interested members to special interest Web sites and reflectors as part of this mentoring effort.

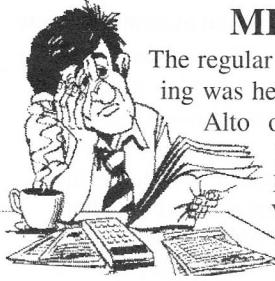
In a somewhat related action, the Board approved a motion directing ARRL staff to study various organizations that might be able to integrate Amateur Radio into their activities. Such groups might include, but not be limited to, recreational vehicle and boating groups as well as the US Coast Guard Auxiliary and the Civil Air Patrol.

In addition, the Board voted to request that the new Programs and Services Committee (PSC) investigate the possibility of establishing Amateur Radio special interest group pages on the ARRL Web site. Special interests might include such activities as AM phone operation, new technologies, VHF-UHF "weak-signal" operation and Amateur TV. Under Board-approved bylaws changes, the PSC will subsume the functions of the Volunteer Resources and Membership Services committees.



The Board also asked ARRL CEO David Sumner, K1ZZ—working with the League's Washington, DC, staff and consultants—to provide a package of materials to each director, vice director and section manager that would aid them in organizing a grassroots Broadband Over Power Line (BPL) lobbying campaign. The materials would be designed to provide guidance to individual amateurs and Amateur Radio clubs in how to establish dialogue with members of Congress concerning the potential of harmful BPL interference.

BOARD OF DIRECTORS MEETING MINUTES.



The regular PAARA Board of Directors meeting was held at the Red Cross offices in Palo Alto on Wednesday, March 10/04 at 1930 hours. In attendance was President Andreas Junge, N6NU; Vice President Jim Rice, K6AK; Secretary Terry Finn, AF6TF; Treasurer Ron Chester, W6AZ; Membership Committee Co-Chair Vic Black, AB6SO; Board member Gerry Tucker, N6NV; Name Badge Coordinator Dave Rogers, K5DKR; Official photographer & sign designer Steve Brune, KG6QUB; ASVARO representative Howard Takaoka, KG6GRO; PAARAGraphs Editor Wally Porter, K6URO; Board Members Adrianus Schrauwen, W6AJS; Bob Korte, KD6KYT and PAARA member Stan Towle, WA6ZGI.

Howard Takaoka, KG6GRO, gave an excellent presentation and up-date of the new electronic flea market activities that are being arranged by ASVARO, including a detailed break down of the costs & fees that have been pre-paid including porta potties; liability insurance premiums, garbage dumpsters and the City of Sunnyvale land use permit. PAARA will be the sponsor of the flea market on Saturday, April 10/04, so volunteers will be required for various duties at the new site from 5 AM to 1 PM. The PAARA flea market coordinators will be **Gerry Tucker, N6NV** and **Howard Takaoka**.

The new utility trailer that was donated by AMD (Advanced Micro Devices) was discussed & arrangements made for storage and a work party to be conducted at the same time as the regular field day trailer preparation. Some field day activities and preparations for same were debated.

Members will be asked to prepare a wish list of specific equipment required for the club so that PAARA may request these items from one of the donation resources that were identified by **Bob Korte, KD6KYT**. Information to be given to the PAARA Secretary.

We learned from **Dave Rogers, K5DKR**, that the commercial repeater site that he had in mind for the club repeater is still under review by the site owner. Several informational hand outs were presented by **Vic Black, AB6SO**, regarding code learning skills and a PAARA master calendar of events for distribution at future meetings.

The Board agreed to sponsor a new training class for CW code training and some limited electronic theory. A new electronic code training device will be purchased to assist with the class. Volunteer instructors will be asked to teach short subjects and assist with the code training on the Tuesday & Thursday evening classes which will start in April at a Redwood City location to be announced. The primary instructors will be Al Montoya, WB6IMX; Stan Towle, WA6ZGI; Mike Gavin, W6WZ and Terry Finn, AF6TF, who are all experienced VE's and will arrange for testing of

the students.

Jim Rice, K6AK, presented an up-date to the rather successful raffle prize operation and provided details on the costs and benefits for PAARA.

~Terry Finn, AF6TF, PAARA Secretary.

Thoughts

Sam Imai, KF6ML, visits PAARA from Gardena in Southern California two to

three times per year. When he was asked for a short autobiography, he sent along this short version of his life's story. The "Pancho Yamaguchi" saga, soon to become a legend. During the last days of World War II, a young teenager was recruited into the Kamikaze Air Force in Japan. His name was Hiroshi Yamaguchi. Well, as a pre-adult, he couldn't see out of the plane's cockpit. No problem; three thick Tokyo telephone books fixed that. But now he couldn't reach the rudder pedals. No problem; wooden blocks were affixed to the pedals and now young Hiroshi could see and steer his flying bomb for the Emperor. However, there was still one more problem. He took off successfully, but his arms were too short and he couldn't make his plane dive toward the target American ship. How tragic! So he ran out of fuel, ditched at sea and was rescued by the Imperial Navy who prepared him for another mission. Now being the original "Chicken Kamikaze Pilot", Hiroshi was smart enough not to mention his short arms. After he had flown 40 unsuccessful missions, the war was concluded and Hiroshi received a dishonorable discharge. Because of losing face to his family and country, he could no longer live in Japan and made his way to Mexico where he took on a new name, "Pancho Yamaguchi". Pancho learned a new trade in Mexico where he became a short order chili cook. He finally made it across the border into California with some of his Mexican amigos. After having shamed his family and country, Hiroshi decided to live under the alias of "Samurai Sam" Imai when he became interested in Amateur Radio. This is where most of you have met Pancho Yamaguchi, namely at the Zuni Loop Expeditionary Force QRP Field Day site where he still produces his famous chili dishes to this day. Now if you believe this tale, you are the chief of all gullible April Fool believers. Of course none of it is true except for the fact that Sam Imai does cook chili for the Zuni Loopers during each Field Day.

~Vic, AB6SO

PAARA WEB

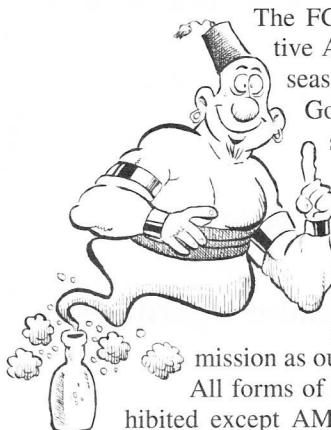
Peter Sheerin, K6WEB.....Webmaster

K6WEB@arrl.net,

PAARA has a new web site. Check it out.

www.paara.org

EMERGENCY NEWS FLASH



The FCC has announced that effective April 1, 2004, due to the overseas military conflict, lack of Government surveillance resources, and an order from the Department of Homeland Security, all U.S. amateur radio operators will be required to amend their operational frequency guidelines and mode of transmission as outlined below.

All forms of phone operations will be prohibited except AM on 10 meters with a power restriction of 5 watts. All other frequencies have been mandated to CW, RTTY & PSK 31 only. This includes any side band (SSB), video (SSTV), or satellite (moonbounce) communications.

This unusual and severe policy change will not effect any license changes or specific type of license request, only the operational side of amateur radio communications. This is believed to be a temporary Government order which will be re-evaluated by October this year.

The President of PAARA, **Andreas Junge, N6NU**, has welcomed this order as he believes that it will not have a dramatic effect on most PAARA members due to their CW abilities and proficiency. Mr. Junge stated that any other PAARA members who did not have code training or knowledge would be able to quickly learn this skill at the PAARA code class.

For further information, contact PAARA member **Bull Tamishelski, KY6JLY***, or **Andreas Junge, N6NU**.

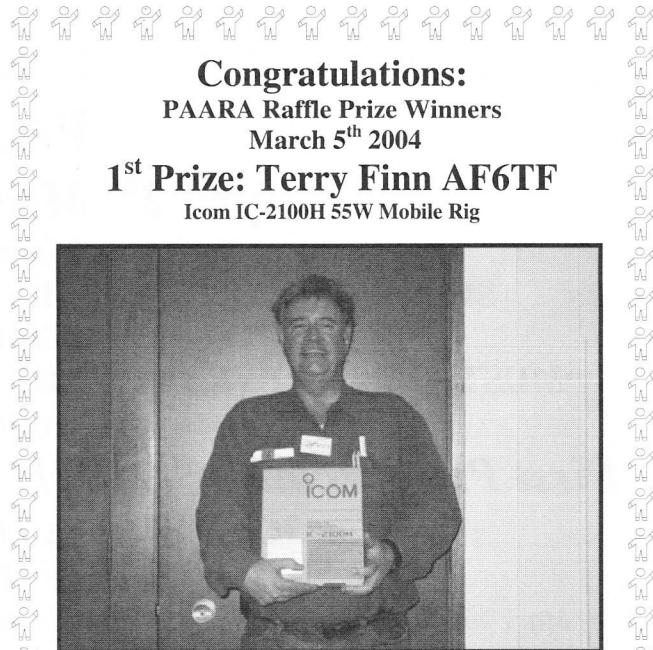
*~Terry Finn. AF6TF, PAARA Secretary
 (see page 39)

CODE AND THEORY CLASS

PAARA will be sponsoring an evening class for those who want to increase their personal technical knowledge to up-grade to a higher amateur radio operators license. This means of course, that the participants will be learning CW for the five word per minute exam and some extra theory for those more difficult tests.

The classes will probably be held at a location on Broadway in downtown Redwood City on Tuesday and Thursday evenings from 7 PM. There will be a small fee of \$20. for the classes with an interesting reward of ten dollars returned to the student if they pass the PAARA CW test. The classes are expected to get under way during the first week of April 04. Registration will be available at the next PAARA meeting on April 02/04.

The principal instructors for this long awaited training session will be **Al Montoya, WB6IMX**; **Mike Gavin, W6WZ**; **Stan Towle, WA6ZGI**, **Terry Finn, AF6TF**; etc



2nd Prize: Mark Marriott WE6N
Garmin eTrex GPS Receiver

3rd Prize: Frank De Francesco KE6LSP
EZ-PSK

4th Prize: Herb Davis KF6ELY / Power Panel 4

4th Prize: Gabe KG6TMR / Radio Carrying Case

Bonus Prize: Vic Black AB6SO / Declined prize / 1 year subscription to WORLDRAADIO / "Thanks Vic, for the kind gesture."

Bonus Prize: Bob Golder WA2CFN / 1 year subscription to WORLDRAADIO

(they are all active VE's who can actually provide the examination for the qualified students) and a host of other PAARA members who are going to be providing their specific skills. This class has been in the making for a long time as PAARA has received many requests from members and others who want to learn more and up-grade their licenses.

~Terry Finn. AF6TF.

NEWS FLASH. FLEA MARKET.

The monthly, Saturday morning electronic flea market has been moved from the parking lot at Foothill College to a brand new location near the 'Blue Cube', building just off of 101 near 237. This move takes effect immediately for the March 2004 event.

Please check the website: www.asvaro.org for complete instructions on how to find the new location.

~Terry Finn. AF6TF.



PAARA

April 2nd Meeting and Raffle

Welcome Members and Visitors

**SPECTACULAR, UNBELIEVEABLE, & HEART-POUNDING
EXCITEMENT!!**

**“MUST ATTEND EVENT OF THE YEAR” say Amateur Radio Operators
Worldwide...**

First Prize: Icom IC-2100H / 55W/ 2m / Mobile rig

**OR 3Com Wireless 11g Cable/DSL Gateway
AND Wireless 11b Client PC Card**

Mark your calendar and don't sit down in that Barcalounger because “that's not all folks!”

**FOUR RADIOS + Garmin eTrex, 12 Channel, GPS receiver +
Two FOURTH place PRIZES + BONUS PRIZE**

Come try your hand at winning the **FIRST PRIZE: Icom IC-2100H, 55W, 2m,
Mobil Rig OR 3Com Wireless 11g Cable/DSL Gateway AND Wireless 11b
Client PC Card**

SECOND PRIZE: Garmin eTrex, 12 Channel, GPS Receiver;

**THIRD PRIZE: Grundig FR-200 AM/FM/SW Emergency Radio OR TWO,
Motorola Talkabout FRS Radios OR Sharp Wizard Organizer**

Don't forget about the **TWO / FOURTH place raffle prizes plus a Bonus Prize of
a 1 year subscription to WORLD RADIO.**

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

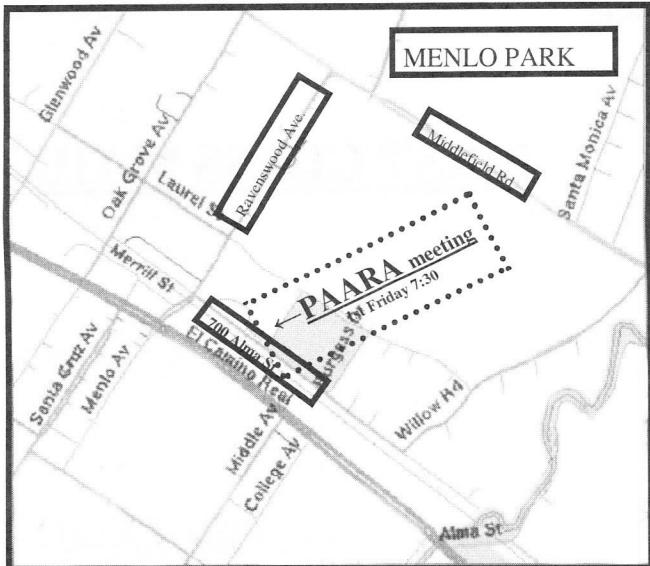
**The PAARA Raffle is FULL of SURPRISES and YOUR LUCKY DAY may be
April 2nd**

Contact Kyle, KG6MSK and Ian, K6IAN, “Two of PAARA’s youngest members” for tickets at the meeting.

**Members and Visitors: THANK YOU for your continued support of the
PAARA Raffle!**

**Since February 2003 33 Radios, including an ICOM 706 MK IIIG have
gone to fellow Hams thanks to you and the PAARA Raffle!**





Howard at HRO says: "HAM accessories and gift certificates are available at HRO"

"Congratulations PAARA on a successful year."

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W6AZ



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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 KG6ILA, Pinkney Foster
 2nd Mon N6NU, Andreas Junge
 3rd Mon AD6FX, Jon Zweig
 4th Mon AA6PA, Bill Rausch
 5th Mon tba

PAARAGraphs Ad Rates

PAARAGraphs 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 PAARAGraphs 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 94026-0911

- 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 PAARAGraphs, \$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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PAARGraphs April 2004

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



FIRST CLASS MAIL

Join us for pre-meeting eyeball

QSO

April 2nd

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—

100 200 300 400 500 600 700 800 900 1000

Korsak, Andy KR6DD
504 Lakemead Way
Emerald Hills CA 94062-3919

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