

PAARAGraphs

Since 1937

Monthly Newsletter for the Palo Alto Amateur Radio Association, Inc.



Calendar



November 1, PAARA Meeting, 7:30

Menlo Park Recreation Center
700 Alma Street, Menlo Park 7:30-9:30 PM

November 6, PAARA Board Meeting, 7:30

Red Cross Blvd. 400 Mitchell Ln., Palo Alto

December 6, PAARA Meeting, 7:30

December 11, PAARA Board Meeting, 7:30
X Winter Party to be announced X

January 1, 1997 PAARA Dues, see Board minutes page 86
(give check to Dave Bailey, WS6W, Treas.)

January 3, PAARA Meeting, 7:30

January 8, PAARA Board Meeting, 7:30



Program

Nov. 1, 1996 7:30 P.M.

Speaker:?? Not confirmed at press time.
Check on NET Monday night before meeting.

DX IQ Test by Vic Black, AB6SO.

IT'S ALL YOURS!



1. What DXCC country is one half the size of California, but has twice as many hams as the entire US?
2. One quarter of this country's population holds amateur radio licenses.
3. This country has issued two licenses with prefixes only (no suffixes).
4. This country boasts the driest desert on earth.
5. This major North American country has two official languages.
6. This US state has two official languages.
7. What language is the most spoken language in South America?
8. What country recently received permission to change the single digit numbers in callsigns to 96, 97 or 98?
9. The president of this large South American country is an active ham.
10. What major South American country indicates the station location by the first letter in the callsign suffix?
11. What country is named for its latitude?
12. These two DX countries are completely surrounded by the city of Rome, Italy.
13. This non-US DXCC country is located on Manhattan Island.
14. What African nation is located less than ten miles from Europe?
15. This country's name means "Navel of the Earth" in its native language. *(check your answers on page 91)*



Join Us At The Next

PAARA Meeting

November 1, 7:30

Miscellaneous Dates

Flea Market at Foothill
will resume next March

PAARA Palo Alto Amateur Radio Association
meets 1st Friday 7:30 each month, Net 145.230 each Monday 8:30,
contact: Bill Rausch, AA6PA.....(408) 637-0622.

PAARA Auction, 2nd Saturday of October
contact Jerry Tucker, WA6LNV 415-961-3266

EMARC Electronics Museum Amateur Radio Club
Meets 4th Friday 7:30 each month,
contact Sheldon Edelman 415-858-2176.

NCDXC Northern California DX Club
Meets 2nd Friday each month, repeater for member info 147.360, each
Thursday 8:00PM, contact John Troster W6ISQ 415-854-3939.

NorCalQRP Northern California QRP Club
Meets 1st Sunday each month, contact Jim Cates 3241 Eastwood Rd.,
Sacramento, CA 95821.

Perham Foundation, contact Jerry Tucker WA6LNV 415-961-3266

SPECS Southern Peninsula Emergency Communication System
Meets each Monday 8:00PM on Net 145.27, 224.36, 440.80 MHz
contact Mike Hastings KB6LCJ, 408-243-6745 or 408-249-6909.

SCARES South County Amateur Radio Emergency Service
Meets 3rd Thursday 7:30 each month, San Carlos City Hall.
Net is on 144.45 & 444.50 (PL-100) 7:30 Monday evenings.
contact Dick Collins K6ANN 415-593-8952

Disaster Services, Palo Alto Chapter, American Red Cross
Meets 3rd Wed. each month 7:30PM, HF, packet, BBS, ATV, OSCAR
Gateway, NASA satellite,
contact Ruth Claypool 415-688-0423.

PACIFICON'96, October 18-20, Concord Hilton Hotel, Concord.
Pacificon Hotline: 510 932-6125

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ELMER



The Board Minutes

(Oct 9, 1996, 7:30PM Board Meeting)

Present: **Bill Rausch, AA6PA***, Pres

Dave Bailey, WS6W, Treas.	Vic Black, AB6SO, VPres
Fred Canham, K6YT*	Kit Kohlmoos, K6ISO*
Dan Curry, WB6STW	Andy Korsak, VE3FZK
Gerry Tucker, WA6LNV	Wally Porter, K6EURO

*Board Member

Minutes: (of previous meeting) approved

Treasurer Report: see page 87

Old Business:

1. Flea Market/Auction
Doughnuts should arrive 7:00AM
Need tables-Gerry
Masking Tape-Fred
Felt pens-Fred
IBM cards & numbering-Andy
2. Gratuity to C. Schoof for use of Field Day site, Field Day and WRTC, motion passed (\$100)
3. Dues discussion

Expenses	Paragraphs	\$2400±	200 copies
Labels	?	150±	
Postage	785±	150±	
Flea Market	?		
Auction	500±		
Picnic	500±		

Money in savings provides \$800±, income to fund activities such as Field Day, Picnic, etc. The principle should be left intact to build on.

1. Motion to raise dues to \$12.00, PASSED. Effective 1-1-97

New Business:

1. Motion to replace VCR, discussion, PASSED.
Kit, W6ISO, will research and present to Board.
2. Nominating Committee appointed.

Meeting adjourned, 8:45±PM by Kit, K6ISO

BY RICH REGENT, K9GDF



DX Bulletin

ARRL Headquarters
October 10, 1996

This week's bulletin was made possible with info provided by Tedd, KB8NW, The OPDX Bulletin, The Island News, The DX Bulletin, QRZ DX, KA2AEV, the Yankee Clipper Contest Club PacketCluster network and Contest Corral from QST. Thanks to all.

MARTIM VAZ ISLAND, PY0M. Stuckert, PT2GTI, Paul, PT2NP and Lunkes, PT2HF are now active as ZV0MB on SSB and ZV0MV on CW. Look for them on the SSB IOTA frequencies and 5/10 kHz from the band edge on CW. QSL only via PT2GTI. Cards can be sent either direct or via the bureau. Their land coordinator, Ari, PT2BW, will assist them on the Brazil DX Net on 14240 kHz at 0900z.

TOKELAU, ZK3. The Island News reports Yvette, F3YA, will be active for the next three years as ZK3YA. Look for Yvette on 7003 kHz between 1000 and 1100z. QSL via home callsign.

RODRIGUEZ ISLAND, 3B9. Jon, EA2KL, and Luis, EA3ELM, are planning to be active from here October 31 to November 5. If they receive an OK from the Ministry of Communications in Mauritius, they plan to be active on 80 through 10 meters including the new bands. Operations will be on CW, SSB and RTTY. No QSL information at this time.

BARBADOS, 8P. Jack, K3KG, Steve, callsign not provide, John, N6YRU, and Vic, KI6IM, will be active as 8P9Z as a multi/single effort in the CQWW SSB Contest, October 26 and 27.

TONGA, A3. Bob, W7TSQ, will be active as A35SQ from October 16 to

28. His operation will include participation in the CQWW Contest on all bands except perhaps 160.

FIJI, 3D2. Ron, ZL1AMO, is active from Fiji as 3D2RW. Activity is mainly CW on 80, 40 and 15 meters though he was also heard on SSB operating around 3796 to 3799 kHz at 1145z. Ron stated he would be leaving for Tuvalu soon and would be active as T28RW. QSL via ZL1AMO.

BRUNEI, V8. Look for Hajime, JO1RUR, as V85HG, in the CQWW SSB Contest. QSL via JH7FQK.

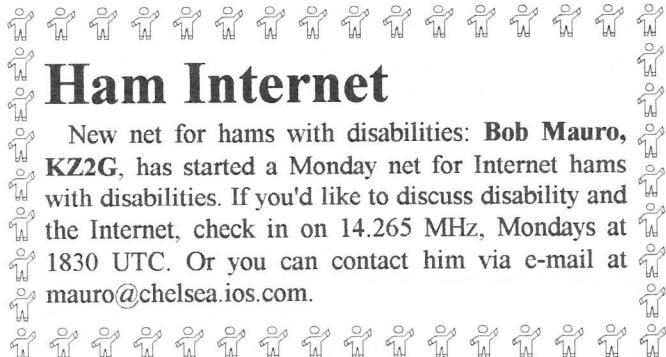
BELIZE, V3. Jerry, K0BCN, will activate V31MX from Caye Caulker and will also be participating in the CQWW Contest. QSL via his home call.

ANTIGUA, V2. Look for Team Antigua as V26B with a multi/multi effort in the CQWW SSB Contest. They will be offering special certificates for working V26B on 5 or 6 modes. They will attempt to be active on the new bands, 160 meters and some satellites. QSL information is V26A via N3BNA, V26AK via WB2P, V26B via WT3Q, V26DX via KK3S, V26E via AB2E, V26R via KA2AEV, V26RN via KR2J, V26T via K3MQH, V26TS via KF3P, V26U via

WA2UDT and K4VUD via his home call.

QSL MANAGER UPDATE. Whitey, K1VV, states he is not the QSL Manager for EP2EXX. He has been receiving DX QSLs every day for EP2EXX and doesn't know how he got listed as his manager.

See October QST page 101 for details.



Ham Internet

New net for hams with disabilities: **Bob Mauro, KZ2G**, has started a Monday net for Internet hams with disabilities. If you'd like to discuss disability and the Internet, check in on 14.265 MHz, Mondays at 1830 UTC. Or you can contact him via e-mail at mauro@chelsea.ios.com.

TREASURER REPORT				
Dave Bailey, WS6W				
Revenues '96	JUN	JUL	AUG	1996 Total
Dues	6	30	0	552
Flea Market	0	0	0	6116.28
AMPEX Auction	0	0	0	0
Advertisements	0	0	0	600
Holiday Dinner	0	0	0	0
Raffle			81	81
Total Revenues	6	30	81	7349.28
Expenditures '96				
Stamps/Envelopes	0	0	32	64
DMV	0	0	0	43
State of CA	0	0	0	10
City of Menlo Park	0	0	150	300
Speaker's Dinner	13	10	9	100
Flea Market	800	0	0	1737.24
AMPEX Auction	0	0	0	0
Meeting Refreshments	19.59	4.74	0	81.95
PAARAGraphs	220.40	160.37	216.89	1617.78
Picnic	86.63	0	0	86.63
Field Day	32.41	43.98	0	76.39
Holiday Dinner	0	0	0	0
Misc.	0	247.81	13.85	327.66
Total Expenditures	1172.03	466.9	421.74	4444.65

MARS,

September 27, 1996

All CW nets and other CW activity in the Military Affiliate Radio System (MARS) have been ordered to cease operation effective October 1, 1996. After that time, no CW nets or other CW activity will be allowed on any DOD MARS frequencies. A final MARS CW message will be transmitted simultaneously on Army, Navy and Air Force MARS frequencies at 1300, 1530 and 1700 UTC on September 30. MARS members may earn a certificate for correct copy of the final message.

From ARRL Headquarters

FCC Gate 2 update

ARRL Bulletin 69 ARLB069

From ARRL Headquarters:

If all goes well at the FCC's Gettysburg, Pennsylvania, office, you might have that new vanity call sign you applied for under Gate 2 in time for the ARRL Sweepstakes CW weekend (November 2-3). A spokesman said this week that the FCC anticipates it could be four weeks or so before any grants are issued to first-day applicants. The FCC said the number of personnel available to enter application information and call sign lists is limited, and that keying in up to 25 call signs and then verifying that they were keyed correctly is not a very fast process.

The FCC will not start making any grants for first-day filers until all day-one applications have been entered into the FCC's computer. Then applications will be processed randomly from among those in the first-day pool. The number of hams taking advantage of Gate 2 has been less than anticipated. As of September 25, the FCC had received 5297 Gate 2 applications. First-day vanity filers totaled 4527, a number that even surprised the FCC, which had been expecting a larger flood of Gate 2 filings. The FCC said 4188 paper applications and 339 electronic applications were received the first day. Another 770 applications, mostly paper, had showed up by Wednesday, September 25. Slightly more than 7 percent of applicants used the FCC's newly inaugurated electronic filing system.

Among the major headaches for the folks in Gettysburg are applications that contain illegible information. FCC personnel have been instructed to skip over requested call signs they cannot decipher. Also, some electronic filers have been sending their payments to the wrong Post Office Box in Pittsburgh and using the FCC Form 159 designed for use by those filing on paper. The FCC said that contrary to instructions on the electronic application form, electronic filers should not forward a copy of their Amateur Radio license to the FCC by mail. FCC personnel have no way to match up licenses with applications, and they don't need the license copy to process the application.

The FCC said that some applicants apparently have had second thoughts about changing their call signs and have contacted the FCC to pull their Gate 2 paperwork. The FCC says that cannot be done. Those issued a vanity call sign who decide they like their old call sign better will have to pay another 30 dollars and reapply under Gate 1.

If the FCC is unable to grant any of your vanity call sign requests, your application will be dismissed, and the FCC will notify you to that effect. But the Commission will not return your 30 dollar application fee until you request a refund in writing. Unlucky vanity applicants will be informed that "credit cannot be provided toward future filings," and that FCC procedures authorize a refund "only when requested in writing." To take another

(Continued on page 91)

Palo Alto Amateur Radio Association, Inc.

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 VP/ Program Director...Vic Black, Jr., AB6SO.....(415) 366-0636
 Secretary.....To Be Filled
 Corporate Secretary....Kit Kohlmoos, W6ISO.....(415) 366 7813
 Treasurer.....Dave Bailey, WS6W(408) 730-5215
 Trustee/Property/Badges..Fred Canham, K6YT(415) 948-9238
 ARES Officer.....Lily Anne Hillis, N6PGM ... (415) 325-5484
 Club Historian.....Steve Stuntz, K6FS.....(415) 322-4952

Board of Directors

John Buonocore, KD6ZL (415) 366 1658 '97
 Fred Canham, K6YT (415) 948 9238 '97
 Kit Kohlmoos, W6ISO (415) 366 7813 '96
 Bill Smith, KE6CHQ (415) 366 9173 '96
 Steve Stuntz, K6FS (415) 322 4952 '97

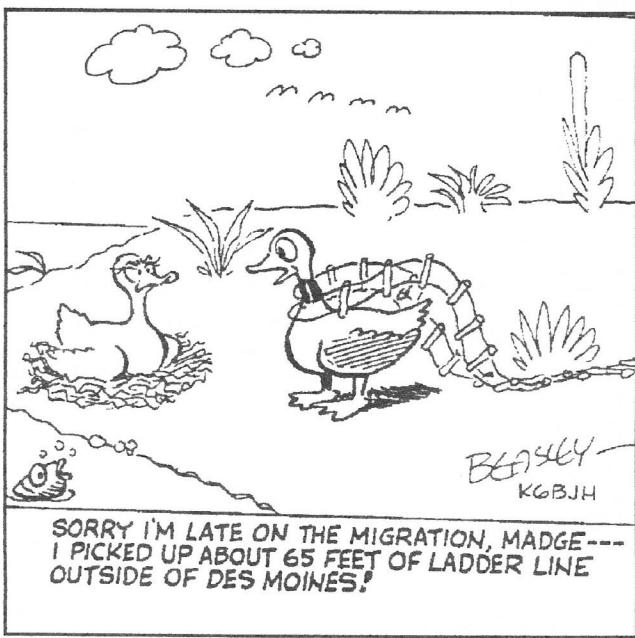
(see "Calendar" for Board meeting times, visitors welcome)

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Submit material for PAARAGraphs by the 15th





NCDXF/IARU International Beacon Network

The Foundation, in cooperation with the IARU, maintains a series of beacon stations which operate sequentially. The 10 dB power steps are precise and are useful for "S" meter calibration and for judging band conditions. The entire system was designed and built by Foundation volunteers at no cost except for the actual price of hardware components.

NCDXF/IARU Beacon Tentative Transmission Schedule

The table below gives the minute and second within each hour of the start of the first transmission of each of the new five-band beacons on each frequency. Transmissions currently being sent are indicated in bold. Each transmission is repeated every three minutes. Each transmission consists of the callsign of the beacon sent at 22 words per minute followed by four one-second dashes. The callsign and the first dash are sent at 100 watts. The remaining dashes are sent at 10 watts, 1 watt and 0.1 watts. The actual starting time of each transmission is approximately twenty milliseconds after the nominal time due to the keying delay of the transmitter. Equipment used at each beacon site includes a Kenwood TS-50S transmitter, a Cushcraft R-5 vertical antenna, a Trimble Navigation Acutime™ GPS receiver, and a controller built by the NCDXF. For more information, contact the Northern California DX Foundation, P.O. Box 2368, Stanford, CA 94309-2368, USA.

As of September 23, 1996:

Slot	Country	Call	14.100	•18.110	•21.150	•24.930	•28.200	Operator Status
1	United Nations**	4U1UN	•00:00	•00:10	•00:20	•00:30	•00:40	UNRC In New York
2	Canada	VE8AT	•00:10	•00:20	•00:30	•00:40	•00:50	RAC Ready to ship
3	USA	W6WX	•00:20*	00:40*	01:00			NCDXF On the air
4	Hawaii	KH6WO	•00:30*	00:50*	01:10			UHRC On at temp site
5	New Zealand	ZL6B	•00:40	•00:50	•01:00	•01:10	•01:20	NZART Will ship 9/96
6	Australia	VK6...	•00:50	•01:00	•01:10	•01:20	•01:30	WIABuilt, call?
7	Japan**	JA2IGY	•01:00	•01:10	•01:20	•01:30	•01:40	JARL In Japan
8	Heard Island***	VK0IR	•01:10	•01:20	•01:30	•01:40	•01:50	VK0IR On air 1/97 only
9	China	BY...	•01:20	•01:30	•01:40	•01:50	•02:00	CRSA Locating site
10	Sri Lanka	4S7B	•01:30	•01:40	•01:50	•02:00	•02:10	RSSL Shipped 9/96
11	South Africa	ZS6DN	•01:40	•01:50	•02:00	•02:10	•02:20	ZS6DN On the air
12	Kenya	5Z4B	•01:50	•02:00	•02:10	•02:20	•02:30	RSK In Kenya
13	Israel	4X6TU	•02:00	•02:10	•02:20	•02:30	•02:40	U Tel Aviv On the air
14	Finland	OH2B	•02:10	•02:20	•02:30	•02:40	•02:50	U Helsinki On the air
15	Madeira	CS3B	•02:20	•02:30	•02:40	•02:50	•00:00	ARRM On the air
16	Argentina	LU4AA	•02:30	•02:40	•02:50	•00:00	•00:10	RCA On the air
17	Peru	OA4B	•02:40	•02:50	•00:00	•00:10	•00:20	RCP Ready to ship
18	Venezuela	YV5B	•02:50	•00:00	•00:10	•00:20	•00:0	RCV On the air

* The W6WX and KH6WO beacons are not yet licensed for 18.110 and 24.930 MHz operation.

** This beacon is still transmitting in the older format on 14.100 MHz.

*** This time slot eventually for the Russian beacon for which we are currently locating a site.



PAARA PRIDE wear your PAARA Badge

meetings, picnics, field days, winter parties, ham fests, flea markets, Pacificons... (if you need one, contact Fred, K6YT)

Pick up badge from Fred, K6YT, Next Meeting:
Gill K6JKG, Bill KE6CHQ, Joel KA7TXV

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 are for "scanner-ready" copy or text-only ads.

PROGRAM NOTES:



PAARA Meeting, October 4, 1996

Thanks to Steve Stuntz, K6FS

Our guest speaker at October's meeting was Milt Camp, K6OYX, flight instructor, pilot, radio amateur, currently working in the Global Product Support department of Applied Materials Corp., Santa Clara.

Following a brief autobiography of his start in amateur radio (he's been licensed since 1955), Milt presented the history and mission of what is now called *Los Medicos Voladores*, an organization of volunteer aircraft pilots, physicians, surgeons, dentists and nurses serving principally the remoter regions of southern Mexico and northern Guatemala.

Like many other good things in life, this all started by chance association: one of Milt's student pilots was a physician preparing to deliver medical services by air to a small village in Mexico. Interested, Milt flew the doctor down on a visit, noted the primitive medical facilities available to the community, and the need for equipment to support a local clinic. On his return to Hewlett-Packard, his employer at the time, Milt mentioned his experience to some of his fellow workers. The response was such that several trips were organized, one thing led to another, and so "The Flying Doctors" came into being, first, in 1974, as an informal effort by a few concerned men and women at HP, then after several years of back and forth with IRS, as a formal tax-exempt corporation. This recognized that all participants were unpaid volunteers, contributing their expertise without compensation, and bearing the expenses of travel, medicines, supplies and equipment costs out of their own pockets.

Milt sketched out the nature of *Los Medicos*, and then, aided by a short professionally produced video, described its growth and present scope of operations. Specially interesting was his account of how an inter-clinic radio network started: he had taken his 2-meter handheld along a Mexican trip: one of the local medical staff was impressed by the possibility of using such gear for interconnecting the clinics, freeing them from relying on shaky telephone systems, and expediting patient services. Equipment, some dating from WWII, was scrounged from various sources and was suitably adapted. (A WWII Army Air Corps SCR-522, 4-channel VHF transceiver, came from a PAARA member.) This was eventually supplanted by an inter-clinic network supported by donated P.G.&E. mobile units, obtained, transported, installed and maintained by Milt and his team mates.

At least once a month, teams of medical specialists fly to remote, underserved communities to perform a wide variety of tasks, ranging from giving instruction in basic dental hygiene (teaching kids how to brush their teeth), to major surgery. Milt gave a detailed account of their latest achievement - treating cataract and other ophthalmic patients in a mountain village of northern Guatemala, an area known as Copper Canyon. This necessitated flying by commercial air to the nearest major airport, followed by daylong travel in a succession of buses to their final destination, where a temporary dental ophthalmic surgery clinic was set up, working under marginal conditions.

Local housing is provided "as is", usually with appreciation by village residents.

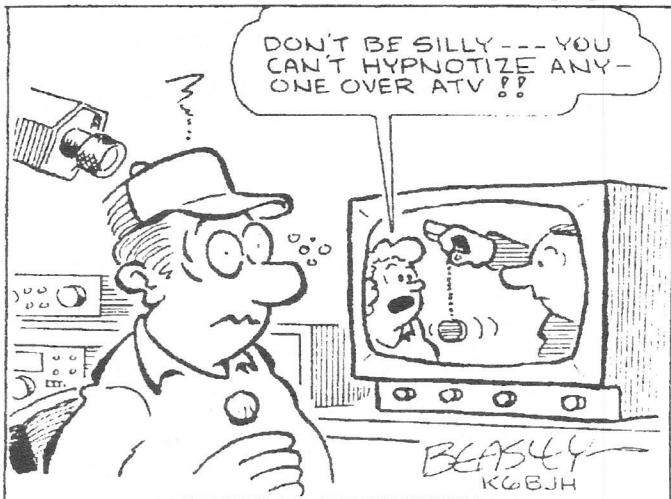
Questions were asked dealing with relationship between local and national governments vis-a-vis incursions by "foreign" practitioners. Milt went into some detail regarding the long, tortuous exchanges between *Los Medicos* and representatives of the official Mexican medical establishment, including the Ministry of Health. Months of negotiation and exchanges of correspondence - and non-replies from Mexican cabinet members resulted in final agreement that each State of the Mexican Republic would set its own policy regarding volunteer medical services from north of the border.

Meanwhile, exploratory trips into Guatemala had begun. There the national government was enthusiastically receptive, providing transportation, via army buses and trucks, for "Flying Doctors" volunteers from their arrival points to final destination. It was pointed out that travel enroute from San Jose (headquarters of *Los Medicos*) takes more than a full day; trips may last up to a week, rather than 3-day weekends as in Mexican visits, flown in members' private light aircraft in one day's time from departure to destination.

In closing, Milt noted that the local press, specifically the San Jose Mercury, has paid little, even sometimes erroneous, attention to this 20-year organization and its accomplishments - but that the spirit of *Los Medicos Voladores* flourishes notwithstanding.

To put the cap on an interesting presentation, Milt showed an enthusiastic QRP segment of the PAARA audience his "briefcase station", consisting of an MFJ 20-meter SSB mini-rig, longwire tuner, and 12-volt, 4-ampere-hour gelcell battery plus wall charger. He reported that with a random length of light weight hookup wire for antenna, he worked South America and made a European contact, during his last trip to Guatemala, using K6OYX/TG in accordance with present reciprocal rules. (Boy, what you can do from a high, quiet elevation!)

[FOOTNOTE: in 1974, returning to ham radio after 20 years, K6FS, often chatted with Milt and his side-kick, Hal Hiner, W6WMO, as they mobiled home after work at HP. As a result of Milt's persuasion, K6FS joined the group before it had achieved its present status, taking on the job of organizing teams of pilots and medical personnel for monthly visits to a clinic on the Indian (Native American) reservation in the hills above Porterville. Ham radio can lead anywhere...]

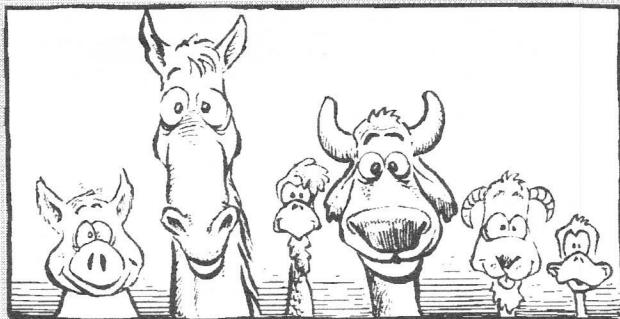


(Continued from page 88)

chance under Gate 2 means completing another Form 610V and sending in another 30 dollar fee.

The FCC has not announced a schedule to open Gates 3 and 4.

Join us for pre-meeting eyeball QSO



gab & gobble

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

DX IQ Test *continued from page 85*

Answers:

- Japan has 1.2 million hams, one half the world's total. The US has one fourth of the world's hams at 600,000. Honshu Island has the largest number of hams of any island on earth.
- Pitcairn Island, home of the descendants of the mutiny on the Bounty.
- The Kingdom of Jordan. King Hussein holds license JY1 and his American born wife, the Queen, holds JY2.
- The Atacama Desert in Chile is a true moonscape. Many portions of the desert have gone as long as 20 years with no measurable precipitation. Other areas are rumored to have never seen rain in history. Absolutely nothing grows there.
- Both English and French are official languages of Canada.
- New Mexico uses both English and Spanish in the State Legislature and government offices.
- Portuguese, the language of Brazil. Spanish is the official language of several countries, but native American languages such as Quechua are more prevalent than Spanish in those countries.
- Hong Kong hams may replace the numerals in their callsigns with 96 in 1996, 97 in 1997 and 98 in 1998 to commemorate the transfer of sovereignty over Hong Kong to the people's Republic of China in 1997. Look for some upcoming awards for working stations with these special callsigns.
- Carlos Saul Menem, LU1SM, is the President of Argentina.
- Argentina. Hams who move to a new state must apply for a new license and may receive the same prefix, including numeral, but a different suffix.
- Ecuador, Spanish for the equator.
- The Vatican and The Royal Military Order of Malta (not to be confused with Malta Island in the Mediterranean Sea).
- The United Nations is surrounded by New York City.
- Morocco is only eight miles from Spain across the Straits of Gibraltar. They do so much business with Europe and feel so much a part of Europe that they even applied for membership in the European Economic Community, but were turned down because they're on a different continent.
- Easter Island, also known as Rapa Nui or Isla de Pascua.

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. • Make payment to the Palo Alto Amateur Radio Association.

12 Store Buying Power!

Look for the
HIGH Home Page
on the World Wide Web
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