

PAARA



GRAPHICS

palo alto
AMATEUR
RADIO ASSN.

PAARA PO BOX 911
MENLO PARK CA 94026

NOVEMBER 1993

**90's
farm House**

**Please Reserve Your
Space For Our
Holiday Bash
December 8 !
Details Inside**

**386 Convention Way
Redwood City 369-3337**



1993 CLUB OFFICERS

PRESIDENT	LILY ANNE HILLIS	N6PGM	415-325-5484
VICE-PRESIDENT	ANDY KORSAK	VE3FZK	415-366-5228
SECRETARY	JOHN GOMPERTS	WB7TEM	408-879-0541
TREASURER	LILY ANNE HILLIS	N6PGM	415-325-5484
TRUSTEE, W6OTX	FRED CANHAM	K6YT	415-948-9238
PROPERTY/BADGES	FRED CANHAM	K6YT	415-948-9238
REFRESH/CO-PROP	JOHN BUONOCORE	KD6ZL	415-366-1658
ARES OFFICER	LILY ANNE HILLIS	N6PGM	415-325-5484
CLUB HISTORIAN			

BOARD OF DIRECTORS

GILL LANE	KJ6TF	1992-93	415-856-0154
CHUCK JOHNSON	N6VFH	1992-93	408-251-8536
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J. GOLDBERG	KD6PBH	1993-94	408-378-0767
DAVE MEACHAM	W6EMD	1993-94	415-369-2633

PAARA/GRAPHS STAFF

EDITOR	CHUCK JOHNSON	N6VFH	408-251-8536
MAILING	BILL McELHINNEY	KA6LZI	415-325-9808

PAARA POLICIES

MEMBERSHIP IN PAARA IS \$6.00 PER CALENDAR YEAR WHICH INCLUDES A SUBSCRIPTION TO PAARA/GRAPHS. MAKE PAYMENT TO THE PALO ALTO AMATEUR RADIO ASSOCIATION, P.O. BOX 911, MENLO PARK, CA 94026

CLUB NET 147.45 MHZ MONDAYS 8:30 PM

MEETINGS: 7:30 PM ON THE FIRST FRIDAY OF EACH MONTH AT THE MENLO PARK RECREATION CENTER, 700 ALMA STREET.

SEND PAARA/GRAPHS CORRESPONDENCE TO:

CHUCK JOHNSON N6VFH, EDITOR
3309 MT. LOGAN DRIVE
SAN JOSE, CA 95127

VOLUME 36

NOVEMBER 1993

FROM THE EDITOR'S DESK

TIME TO MAKE YOUR HOLIDAY
PARTY PLANS! HOPE TO SEE YOU
THERE ON DECEMBER 8TH. THE YEAR
IS RAPIDLY DRAWING TO A CLOSE, SO
DON'T WAIT TOO LONG!

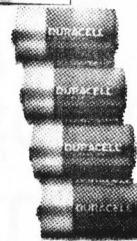
73 DE YOURE EDITOR

SPEAKER OF THE MONTH

GARY N6TCF of DURACELL

PRESENTS AN

ELECTRIFYING



TALK ON BATTERIES!

GET THE LATEST ON THIS CHANGING TECHNOLOGY FROM AN INDUSTRY INSIDER!!!

"TENDER LOVE AND CARE OF BATTERIES" or

"ALL YOU WANTED TO KNOW ABOUT HT BATTERIES
BUT WERE AFRAID TO ASK"

Dinner at Su Hong (at least, until otherwise agreed on) 6PM
Su Hong is located on El Camino off Ravenswood in Menlo park.
Meeting at Menlo Park Recreation Center, 700 Alma Street

MEETING FRIDAY NOV. 5TH 7:30 p.m.

-DE ANDY VE3FZK, PROGRAM CHAIRMAN Via Packet

THE PREZ SEZ

Despite a low turnout
our auction was a
huge success. So
many PAARA
members showed up
to help that it's
impossible to list
them all here.
THANKS to all of
you!



REMEMBER!

Open Home Brew Nite now
at every meeting. Bring ur
creations to show-'n-tell
with the club !

PAARA NOMINATIONS SLATE 1994

The following is our tentative slate of officers & board members for 1994. At the Nov. 5 meeting I will take changes, additions, criticisms & adulations. -DE N6PGM, NOMINATIONS COMMITTEE

PRESIDENT - LILY ANNE HILLIS N6PGM
VICE PRESIDENT - ANDY KORSAK VE3FZK
SECRETARY - JOHN GOMPERTS WB7TEM
TREASURER - RON CARMICHAEL KD6RFI
TRUSTEE W6OTX - FRED CANHAM K6YT
PROPERTY/BADGES - FRED CANHAM K6YT
ARES OFFICER - LILY ANNE HILLIS N6PGM
CLUB HISTORIAN - TO BE FILLED
BOARD OF DIRECTORS
CHUCK JOHNSON N6VFH -- 94-95
DAN CURRY WB6STW -- 94
CHRIS REMPEL N6VZD -- 94
GERALD TUCKER WA6LNV -- 94
J. GOLDBERG KD6PBH -- 94
DAVE MEACHAM W6EMD -- 94

WE HAVE ROOM FOR ANOTHER BOARD MEMBER 94-95

welcome !

**I'D LIKE TO WELCOME THE
FOLLOWING NEW MEMBERS:**

RICHARD BRYANT - KD6AWD

JOHN V. BELLANTONI - WB1ALZ

RICHARD GOLDSTEIN - KA2TMT

DE LILY N6PGM

READING LIST DE N6VFH

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12-volt approaches relevant to ham power applications

THE COMPLETE HANDBOOK OF AMATEUR RADIO -

Clay Laster W5ZPV

Shows how to build a fully-equipped amateur radio station

PAARA VE TEAM QST DE RON W6VG

OUR VE SESSION OF OCTOBER 16, 1993 IN THE AMPEX CAFETERIA WAS HELD WITH OUR ABLE LEADER, JOE HORNE SR., KB6OWG PRESIDING. ON HAND TO HELP WAS OUR NEW VE, DAN CURRY, WB6STW. BILL SOOMAN WB6UVO IS OUR ESTEEMED CW GIVER OF THE MORSE TESTS, WITH OTHER MEMBERS J.T. CHOPIN WA6BXT, EUGENE IRIZARRY KK6LO, TOM HODGES W6REE, AND RON PANTON W6VG. STEVE STUNTZ K6FS WAS UNABLE TO ASSIST ON THIS DATE. WE GAVE EXAMS TO 24 APPLICANTS, MOST OF WHOM PASSED WITH FLYING COLORS. IT IS REALLY A GOOD FEELING TO BE PUTTING SOMETHING BACK INTO HAM RADIO AFTER 63 YEARS OF ENJOYING IT.

73, FROM RON PANTON W6VG

SUNNYVALE VEC TEST HOTLINE

INCLUDES PAARA VE TEAM
AMPEX CAFETERIA TEST DATES
AND LATEST FCC INFORMATION
(408)255-9000

farm house
PAARA HO
OFFICE

**PAARA HOLIDAY PARTY AND
OFFICER INSTALLATION
WEDNESDAY, DECEMBER 8**

CHOICE OF

- * PRIME RIB * 1/2 ROASTED CHICKEN * CATCH OF THE DAY \$18.50

* VEGETARIAN PASTA
INCLUDES: SOUP OR SALAD, POTATO OR RICE
OR VEGETABLE, BREAD, DESSERT, COFFEE OR
TEA OR MILK. WINE WILL BE PROVIDED BY THE
CLUB

NO HOST COCKTAILS 6:00 PM
DINNER 7:15

PLEASE SEND CHECKS AND MENU CHOICES TO:

PAARA HOLIDAY DINNER
P.O. BOX 911
MENLO PARK, CA 94026

OR SEE ME AT THE MEETING...

DEADLINE FOR RESERVATIONS: DECEMBER 3.

\$5.00 MAXIMUM FOR GIFT X-CHANGE
LABEL FOR YL OR OM.

DOOR PRIZES GALORE
SEE YOU THERE!

**386 Convention Way
Redwood City 369-3337**

DE LILY N6PGM
PERENNIAL PARTY
CHAIRPERSON

QST DE RICH W6APZ

Curing Battery Saver & Subaudible Tone Delay

de Rich, W6APZ

Since the 523 repeater has implemented sub-audible tone squelch (PL), many stations have been heard saying "monitoring". More specifically, these stations have been *barely* heard. What typically comes through clearly is the word *monitoring* and sometimes part of the station's call. This effect has also been noticed on other PL repeaters.

This is due to two factors. One, the repeater takes several milliseconds to detect the PL before turning on the repeater transmitter. Secondly, most modern HTs are physically smaller which has been accomplished, in part, by smaller battery packs. To enable a smaller battery pack to last an acceptable length of time, these HTs use battery savers. These savers turn on the HT receiver for only a few milliseconds out of every second which reduces the average battery current drain. If a signal is present, the receiver is left on, otherwise, it is turned off again.

When someone keys their microphone, and immediately says "W6ABC Monitoring", the combination of the small delay time in the repeater PL detector and the receiver battery saver act to cut off part or all of the station's call. If your receiver is also using PL decode, add an additional delay time for that circuit to function. The

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variability depends upon when the transmitting station comes on the air compared to the "wake-up-cycle" of the HT battery saver. If the battery saver has just turned on the receiver, the word loss will be minimal. If the battery saver has just turned off the receiver, the amount of the transmission lost will be maximized.

The cure is simply stated, but, from personal experience, not always easy to remember. When making a call on a repeater, push to talk, then wait a second, then state your call slowly and clearly. You will be more likely to receive a response.

ALLEN AA6DE SILENT KEY

Obituaries

ALLEN GOK LIEU

Allen Gok Lieu, 34, a San Mateo resident for almost his entire life, died after a long illness Friday in Kaiser Permanente Medical Center in Redwood City.

A native of San Francisco, he was an inventory supply clerk with General Electric, a graduate of San Jose State University and a volunteer with the San Mateo County Sheriff's Office search and rescue team. Mr. Lieu was also very involved with ham radio and scanners.

He is survived by his parents, May and Kai of San Mateo; and

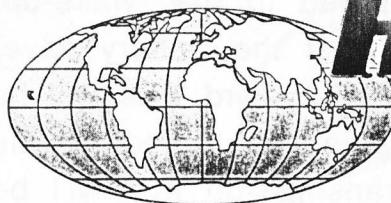
two brothers, Donald of Millbrae and Philip of Milpitas.

Services will be at 1 p.m. Tuesday at Schneider & Sullivan Funeral Home, 977 S. El Camino Real, San Mateo, and friends may visit there from 3 to 8 tonight. Burial will be in Woodlawn Memorial Park in Colma.

DEATH NOTICES

LIEU — In Redwood City, California, October 8, 1993, Allen Gok Lieu, survived by his parents, May and Kai Lieu of San Mateo; brother of Donald Lieu of Millbrae and Philip Lieu of Milpitas. A native of San Francisco; aged 34 years. Graduate of San Jose State University; involved with ham radio and scanners; volunteer for San Mateo County Sheriff's Dept. Search & Rescue.

Funeral services will be held at the Schneider & Sullivan Funeral Home, 977 South El Camino Real, San Mateo on Tuesday, Oct. 12 at 1 p.m. Friends may call today, 3 to 8 p.m. Interment, Woodlawn Cemetery, Colma.



HAM RADIO OUTLET

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Rich. WAWYME, Mgr.
I-80 at 23rd Ave. ramp

map

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Carmelton Mesa

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(800) 854-6046

Tom. KMK, Mgr.
Lawrence Expy.
So from Hwy 101

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Jon. KB6ZB, Mgr.
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Bob Ferrero W6RJ

President/Owner

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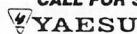
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100W out, SSB, CW, AM, FM, 12V
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