

**JUNE 1993**

**THE HAMMER STRIKES AGAIN !**



**ALSO PAARA FIELD DAY '93**



## 1993 CLUB OFFICERS

PRESIDENT	LILY ANNE HILLIS	N6PGM	415-325-5484
VICE-PRESIDENT	ANDY KORSAK	VE3FZK	415-366-5229
SECRETARY	JOHN GOMPERS	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
BILL ZANER	WB6IYS	1993-94	415-856-2089
CHRIS REMPEL	N6VZD	1993-94	415-341-7578
GERALD TUCKER	WA6LNV	1993-94	415-326-4908
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

JUNE 1993

**FROM THE EDITOR'S DESK  
PAARA FIELD DAY  
NEEDS YOU !  
DO UR PART !  
73 DE YOUR EDITOR.....**

**SPEAKER OF THE MONTH**

**AA6WI WALTER A. HOPKINS**

**A 1.2 GIG E/M/E SYSTEM WITH A KILOWATT (!)  
WATER-COOLED MONSTER STATION....**

**AUDIO-VISUAL PRESENTATION OF ACTUAL  
OPERATIONS OF THIS SETUP WITH TECHNICAL  
INFORMATION WILL BE FEATURED....**

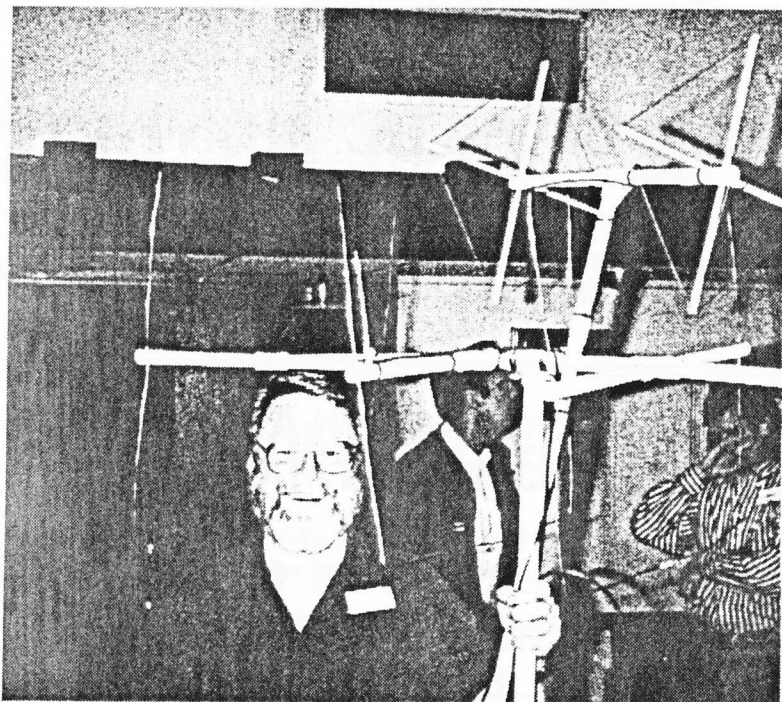
**DINNER AS USUAL AT SU HONG'S, EL CAMINO  
OFF RAVENSWOOD, MENLO PARK, MEETING  
FRIDAY**

**JUNE 4TH ! >>>VIA ANDY VE3FZK<<<**

# PRESIDENT'S MESSAGE

## -De Lily N6PGM

**AN EXTRAORDINARY PICNIC! WHAT ELSE IS THERE TO SAY. MAY 22 WAS PAARA'S ANNUAL PICNIC AT HELGA & RON PANTON'S QTH WHERE MEMBERS & GUESTS ENJOYED A WARM AFTERNOON OF GOOD FOOD, GOOD DRINK, AND ESPECIALLY GOOD COMPANY.**



**AA6PA & HIS "CRUSHABLE" QUADS**

**LAST MONTH'S MEETING PROVED ONCE AGAIN THAT NOT ONLY IS PAARA FULL OF TECHNICAL WIZARDS, BUT WE HAVE OUR FAIR SHARE OF STAND-UP COMICS. SO HOW ABOUT HAVING "HOMEBREW" PART OF EVERY MEETING? FEEL FREE TO BRING ANY "SHOW & TELL" ITEM.**

**(CONTINUED ON FACING PAGE)**

**PRESIDENT'S MESSAGE, continued...**

# **PAARA FIELD DAY '93**

**JUNE 26 & 27 BRINGS US FIELD DAY. GERRY TUCKER WA6LNV IS CHAIRPERSON FOR THIS EVENT & ALL INTERESTED PARTICIPANTS PLEASE CONTACT HIM A.S.A.P. (LANDLINE 415-326-4988). AND DON'T FORGET THE RESIDENT PAARA CHEF WILL PREPARE HER PSYCHEDELIC BAR-B-QUE FOR ALL WORKERS.**

**BOARD MEETING: WEDNESDAY, JUNE 23RD !**

**BOB N6PBR & EDNA KC6NBA - QSY !**



**WE WISH EDNA KC6NBA & BOB N6PBR KEYES GOOD LUCK IN THEIR NEW ADVENTURE IN DESERT HOT SPRINGS. WE WILL DEFINITELY MISS THEM.**

**WAS: WB6ZXP IS: N6ITW**

**CRAIG N6ITW FROM  
MAY 1969**

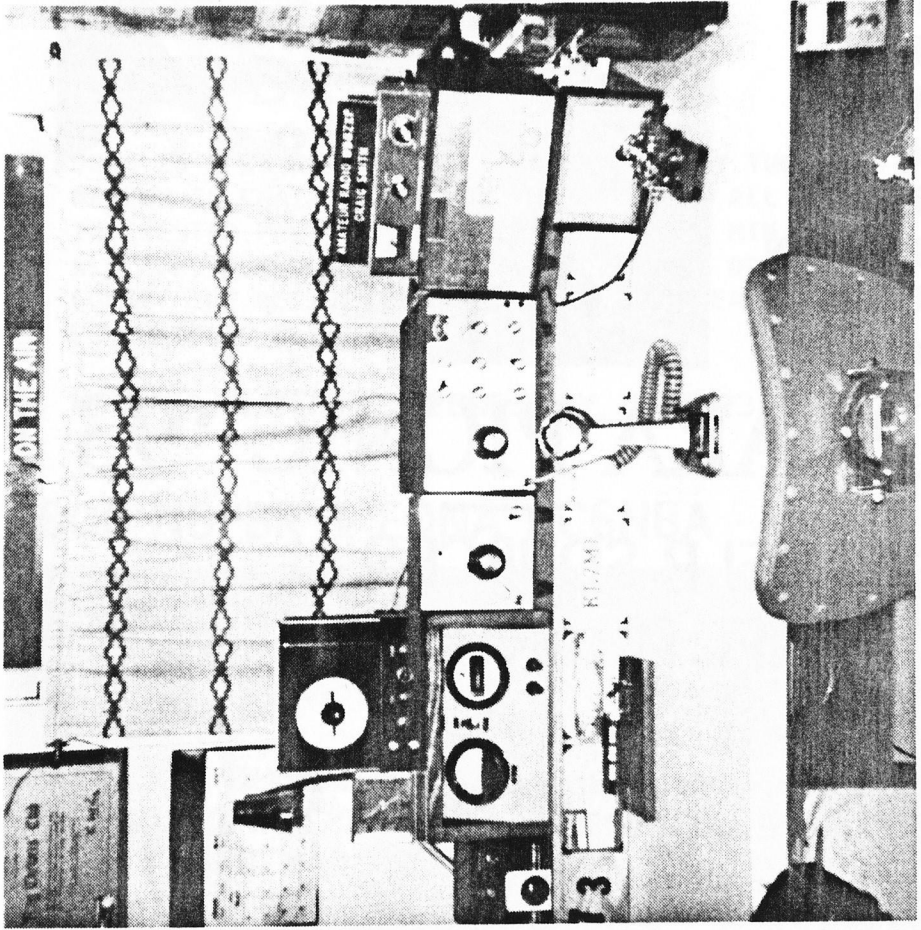
CRAIG N6ITW SHARED THESE SHOTS WITH UR  
EDITOR AT THE PAARA PICNIC (THE ORIGINALS ARE  
NOW IN THE WA6LNV PAARA ARCHIVES)....  
CRAIG USED TO BE WB6ZXP, AND USED TO CLIMB  
THE TOWER SHOWN IN THE INSET PHOTO....  
NOW HE HAS OTHER TOYS TO PLAY WITH !  
TNX FOR THE SHARING AND BEST OF LUCK IN  
HAM RADIO & ALL THE REST ! -ED.

**CRAIG'S OLD TOWER**



CRAIG

CRAIG'S OLD STATION



**QST !  
KUDOS  
TO  
RON  
W6VG  
&  
HELGA  
PANTON  
FOR A  
GREAT**



# **PAARA PICNIC '93 !**

**PL HELP SOURCES....**

**>>INFO DE ART NM6K<<**

**ALL WHO OWN EARLY ICOM 2AT HANDHELDS CAN UPGRADE THEM WITH PL ENCODERS FOR \$50 INSTALLED BY DELCOM RADIO'S ARNOLD WB6RAY IN HIS FULLY EQUIPPED INSTRUMENT SHOP LOCATED AT 1340 ORANGE AVENUE, OFF HOWARD AVENUE, IN SAN CARLOS. PHONE 592-8790.**

**JOE KB6HDC HAS AN ON-GOING PL INSTALLATION CLINIC FOR THOSE WHO WANT TO DO IT THEMSELVES. JOE IS GOOD IN THE ROSTER AND CAN ASSIST WITH THE IC 2AT RETROFIT.**

**EITHER WAY, IT IS A GOOD MEANS TO OPEN UP THE DOORS OF PL TO THOSE WHO DON'T HAVE THE CAPABILITY----YET!**





**I SEE I'M NOT THE ONLY ONE  
HAVING A FIELD DAY !**

**UNITED WE STAND FIELD DAY  
PAARA FIELD DAY '93**

**WHERE: PALO ALTO BOATWORKS, COOLEY LANDING,  
END OF BAY ROAD, EAST PALO ALTO. "ON BEAUTIFUL  
SAN FRANCISCO BAY" ...**

**WHEN: FRIDAY, SATURDAY, SUNDAY, 25-26-27 JUNE.  
SETUP- FRIDAY 25 JUNE, AROUND NOONTIME.  
OP- 11AM SATURDAY -- 11AM SUNDAY.**

**W60TX CLUB STATION / N6VZD NOVICE STATION**

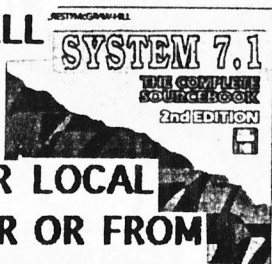
**TO JOIN: CALL GERRY TUCKER WA6LNV (415) 326-  
4908 --- NOW, BEFORE IT'S TOO LATE !**

# READING LIST DE N6VFH

UNEQUIVOCALLY RECOMMENDED AS A  
MAC RESOURCE !

SYSTEM 7.1 THE COMPLETE SOURCEBOOK  
2ND EDITION

BY GORDON M. CAMPBELL  
(TAB BOOK #4364)



AVAILABLE FROM YOUR LOCAL  
COMPUTER BOOKSELLER OR FROM  
TAB BOOKS DIVISION OF McGRAW-HILL,  
INC., BLUE RIDGE SUMMIT, PA, 17294-0850.  
(800)822-8138

-ED.

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## CHANGES IN THE ROSTER

PLEASE ADD: HAL GODFREY N6AN, 1671 BELMONT AVE., SAN  
CARLOS, CA, 94070. (415) 591-6906

PLEASE CHANGE: BOB ARNETT TO BOB ANNETT N6DZ

NEW CALLS: VIC BLACK KD6KWA HAS BECOME AB6SO. DALE  
O'HARRA IS KM6BB. STEVE SIDELLS IS KN6CU.

NEW PHONE NUMBERS: BOB STEIN W6NBI (415) 967-7559.  
DAN CURRY WB6STW (415) 366-7846.

NEW ADDRESS: BEN YOUNG KA6SIQ, 231 DIXON LANDING ROAD  
#266, MILPITAS, CA, 95035.

>>>VIA LILY N6PGM<<<

# JACK IS BACK !

(JACK SHULMAN W6EBY)

Member

1948  
YEAR

Charter **Palo Alto** Member

## Amateur Radio Association

Jack M. Shulman  
NAME

W6EBY  
CALL

DUES

<u>2.00</u>	<u>2</u>
<u>3</u>	<u>4</u>

M. J. Rappaport  
SECRETARY

Dear Lily :

Here's copy of the card I just found.  
Sure glad I put up with some clutter  
instead of throwing everything out.

73 Jack

# HOMEBREW RECAP DE ANDY VE3FZK

CONTRIBUTORS TO PAARA's HOMEBREW SHOW-AND-TELL May 7, 1993

AA6PA Bill Rausch, two compact 2M quads good for RDF (Radio Direction Finding)

W6EMD Dave Meecham, a 750W 2M amplifier using an EIMAC conductively cooled tube, as in a recent QST front cover article

WA6LNV Gerry Tucker, an Incompleted DSP (Digital Signal Processor) box for taking out tuner-uppers on HF, etc., as in a late 1992 QST article

KB6HDC Joe Gomes, a battery replacement clip for an HT, allowing use of a larger bell-hung battery or other higher power sources

W6NBI Bob Stein, a noise generator for receiver design/test, as in his HAM RADIO article around 1979

K116EP Dick Kors, an SSTV (slow scan TV) unit, as in Jan 1993 QST

K6TYO Bill Fies, a foldup J-pole on a stand, a tiny homebrew SWR bridge, and he also brought his working Doppler RDF control box

N6ZFX Jeff Crilly, a code practice oscillator and attached Morse key, which he used to learn code for getting his ticket

VE3FZK Andy Korsak, a switched-dipole RDF antenna which you hold in front of an HT, looking for a null in a lone when you face the signal source

IT WAS SURE GREAT TO HAVE ALL THAT PARTICIPATION, AND IT'S GOOD THAT SOME OF US ARE STILL BUILDING STUFF IN HAM RADIO !!!!!!!!!!! From: VE3FZK@NOARY