





## 1992 CLUB OFFICERS

President	Gerald Tucker	WA6LNV	415-326-4908
Vice-President	Andy Forsak	VE3FZK	415-366-5228
Secretary	John Gouwerts	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

Ken Manders	WB6CNI	1991-92	415-366-7814
Gerry Wagstaffe	W6NIR	1991-92	415-325-4670
Bill McElhinney	KA6LZI	1991-92	415-325-9808
John Buonocore	KD6ZL	1991-92	415-366-1655
Dusty Doster	K6MPN	1992-93	415-368-8156
Bill Lane	KJ6TF	1992-93	415-366-8154
Chuck Johnson	N6VFH	1992-93	408-251-6536

## PAARAGraphs 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 PAARAGraphs. 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

Meet at 7:30 PM on the first Friday of each month at the Menlo Park Recreation Center.

Send PAARAGraphs correspondence to:

Chuck Johnson N6VFH, EDITOR  
1309 Mt. Logan Drive  
San Jose, CA 95127

VOLUME 35      APRIL 1992

## FROM THE EDITOR'S DESK



The PAARA Foothill Flea Market is straight ahead with the Big 1992 edition of the W6VG Picnic soon thereafter.... All this on top of "life in the fast lane"! Here's wishing you all a good April and til next month, 73 de Your Editor.



## SPEAKER OF THE MONTH

Subject: PAARA mtg  
Path: KA6JLT

### -RADAR-

-VIA PACKET FROM ANDY VE3FZK-

Video tape "RADAR-- A history before and around WWII", on how radar evolved from radio, etc. It was shown at the San Mateo club and so well received that it was suggested we've GOT to see it! Marv Sugarman, N6CQU, will bring it and kind of introduce it, so we'll take him out for dinner at the Su Hong. Also, put o notice about the new "hi tech experimenters" club Apr 8, 2nd Wednesdays from now thru Dec, at AMPEX cafeteria 7PM. Coming mtg topic: PACTOR, a hybrid of AMTOR and PACKET, but 5 times faster! (on HF)

73 Andy

-MEETING FRIDAY APRIL 3RD-

**-RADAR-RADAR-**

# **PRESIDENT'S CORNER**

## **DE GERRY WA6LNU**

I WAS SORRY TO HAVE MISSED THE LAST MEETING. I HEARD A LOT OF GOOD COMMENTS ON IT. ONE OF THESE DAYS I'LL HAVE A PACKET CAPABILITY AND BE ABLE TO SEND MY PRESIDENT'S MESSAGE TO CHUCK N6VFH AUTOMATICALLY. AS YOU ARE READING THIS I WANT YOU TO THINK FLEA MARKET--AS IN FOOTHILL. I ATTEMPTED TO BE A SELLER LAST MONTH (MARCH), BUT BETWEEN PROTECTING MY STUFF FROM THE RAIN AND WANTING TO WALK AROUND A BIT, ALL I ENDED UP WITH WAS A CONVENIENT PARKING PLACE. ABOUT 9:30 THE SERIOUS STUFF STARTED FALLING AND THAT PRETTY MUCH SIGNALLED THE END OF THINGS. APRIL IS PAARA'S MONTH AND I HOPE EVERYONE IS PLANNING ON SHARING 1 OR 2 HOURS OF WORK WITH US. LILY ANNE N6PGM HAS TOLD ME SHE IS WORKING ON THE TREASURER'S TEAM. I WILL TAKE CARE OF ORDERING THE FOOD AND ASSIGNING PEOPLE TO PICK IT UP. WE NEED HELP SELLING SODA, HOTDOGS, ETC., SO SOME OF YOU SHOULD EXPECT A PHONE CALL SOON. I'M SURE WE CAN EXPECT ANDY VE3FZK TO BE OUR TRICYCLE MOBILE ROVING AMBASSADOR AGAIN. IF YOU HAVE ANY INFLUENCE WITH THE WEATHER MAN, PUT IN A GOOD WORD FOR US.

I WOULD LIKE TO START A LITTLE SWAP CORNER IN PARAGRAPHS SO WRITE UP A DESCRIPTION OF YOUR STUFF AND SEND IT TO CHUCK. IF YOU LIST YOUR BARGAINS IN PARAGRAPHS FIRST THEN YOUR PAARA FRIENDS WILL GET THE FIRST CRACK AT IT. SPEAKING OF BARGAINS, IF ANYONE HAS THE SCHEMATIC FOR A REGENCY 100 WATT 2 METER AMPLIFIER LET ME KNOW. WE HAVE AN EARLY MEETING DAY APRIL 3RD, SO I'LL SEE YOU THERE !

DE WA6LNU

★SECOND★  
★NOTICE★

PAARA PICNIC QST!  
MARK THE DATE &  
THE PLACE!  
SATURDAY MAY 23  
AT RON W6VG &  
HELGA'S QTH, MENLO  
PARK. PLAN NOW!

# The Times

San Mateo County's Daily Newspaper

Vol. 92, No. 74 \*\*\*\*

35¢ per copy 348 4321

San Mateo, California. Thursday, March 26, 1992

## Neighbors might still topple ham's antenna

Court reverses earlier decision in radio operator's favor

By NANCY SOLOMON

Times Staff Writer

The court reversed a San Mateo County Superior Court decision that neighbors could not enforce a restrictive covenant forbidding antennas above the rooftops because amateur radio operators are protected by the Federal Communications Commission.

FOSTER CITY — Ham radio operator Jim Rich is well versed in the dot-dot-dot, dash-dash-dash, dot-dot-dot of Morse code. But it may not be time yet for him to send out an SOS to the some 160,000 hams nationwide who are watching to see if he will be able to raise his radio antenna above his roof.

A state appeals court gave a

A three-judge panel of the state Court of Appeal held that although the FCC's 1985 rule does bar state and local government agencies from placing unreasonable restrictions on amateur radio operations, the regulation does not prevent the enforcement of private covenants.

Rich's attorneys, however, say

group of Rich's neighbors a second chance Friday to block him from raising a 46-foot antenna in his side yard for his ham radio system.

## Ham

Continued from Page One

argue that the restrictive covenant is unreasonable. Or he could appeal the decision to the California Supreme Court.

Whatever the strategy, some 160,000 ham radio operators across the country are backing Rich and hoping for a victory. "This gives us the opportunity to go back to the FCC and say that you're a second-class citizen with covenants," said Christopher D. Imlay, an attorney for the American Radio Relay League Inc., and a ham radio operator himself. The league, which has 160,000 members, filed a brief in support of Rich.

Imlay said he studied several metropolitan areas in the country and found that most private property had restrictive conven-

ants against antennas. "If you want to put up an antenna, you have to apply to the Genghis Khan Homeowners Association."

Although the FCC has a rule that prohibits local governments from unreasonable restrictions on ham radio antennas, it does not attempt to regulate the contracts entered into by private property owners. Imlay said last week's decision will prove to the FCC that it needs to amend its rules.

Rich's local attorney, Charles Epps, said the appeals court decision challenges the legality of private covenants.

"Certainly in the state of California, it seems to say any restricted private covenant could be held unenforceable if it is held to be so unreasonable," Epps said. "I think the demand (to the lower court) opens up a far wider issue."

that the decision leaves them several options to continue the fight for his antenna. He could return to Superior Court, as suggested by the appeals court, and

See HAM, Page A2

Covenants against recreational vehicle parking, satellite dishes or the color a house can be painted could all come under legal challenge, he said. "At this point, any CC&R that can be shown to be unreasonable has the possibility of being overturned."

Amateur radio operators are licensed by the FCC and recognized widely for the public service they provide during emergencies. The Foster City Police Department recently got approval from the City Council to spend \$2,500 of city funds to match a state grant for the purchase of ham radio equipment.

"Having the equipment here and having an operator here would link us to the outside world," Chief Robert Norman said. "How it relates to individual operators here, I'm not sure ... I'm certainly supportive of ham operators assisting us during any emergency."



Perry Olson  
James L Patterson  
J Michael Patterson  
William W Sims  
Molly Svenson  
David D Thromborg Ph.D  
Pamela H Thromborg  
Charles J Toensscheier  
Frank J Tolve, Jr.  
Ronald A Vander Berg  
Stephen Wozniak  
Lucia C Yu

**Executive Director**  
Sally F Oberg

time demonstrating amateur radio to Museum visitors. The teachers, parents and chaperons are as interested in and fascinated by radio contacts as are the children.

If you would like to share your interest in and experience with radio or if you would just like more information, please contact either:

Ralf Erickson, WA6CQA 979 Aster Ave. Sunnyvale, CA 94086	Kathy Irvine Volunteer Coordinator Children's Discovery Museum 180 Woz Way San Jose, CA 95110 408-298-5437 x 202
--	---

Schedules are by arrangement and are flexible. Please join the amateur radio volunteers who provide this unique opportunity for visitors to the Museum to reach out and communicate with the world. Now You're Talking! ... in earnest!

Sincerely,

  
**Ralf Erickson**  
WA6CQA

  
**Kathy Irvine**  
Volunteer Coordinator

408-298-5437 Post Office Box 90160 San Jose, California 95160 KIDS



# HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

**SUNNYVALE, CA 94086**  
510 Lawrence Expwy. #102  
(408) 736-9496  
(800) 854-6046

**OAKLAND, CA 94606**  
2210 Livingston St.  
(510) 534-5757  
(800) 854-6046

Phone Hours: 9:30 AM to 5:30 PM  
Store Walk-In Hours:  
10:00 AM to 5:30 PM Closed Sundays

**NEW ALEXANDRIA**  
AMATEUR DR. CA 97040  
933 N. Turpin Rd.  
(717) 533-7373  
(800) 854-6046  
Jim Anthony, Mgr. VP  
New President

**DAVIS RADI. CA 94508**  
2210 Livingston St.  
(510) 534-5757  
(800) 854-6046  
Ken Anthony, Mgr.  
Ext. 1001 of the fax line

**DAVIS RADI. CA 94508**  
5275 Kramer Valley Rd.  
(510) 534-5669  
(800) 854-6046  
Ken Anthony, Mgr.  
Ext. 1010  
Chairman Dept.

**NEW YORK, NY**  
SUNNYVALE, CA 94086  
510 Lawrence Expwy. #102  
(408) 736-9496  
(800) 854-6046  
John V. K. Lee, Mgr.  
Ext. 1001  
Ext. 1002

**ATLANTA, GA 30340**  
SUNNYVALE, CA 94086  
510 Lawrence Expwy. #102  
(408) 736-9496  
(800) 854-6046  
John V. K. Lee, Mgr.  
Ext. 1001  
Ext. 1002

**NEW YORK, NY**  
6295 Sepulveda Blvd.  
(818) 966-7212  
(800) 854-6046  
Jim Anthony, Mgr.  
Ext. 1001  
Ext. 1002  
Bob Ferraro, W0RJ  
President/Owner

**AZ CA 800, VA residents add sales tax**  
Please specify descriptions. Subject  
to change without notice

## ALINCO

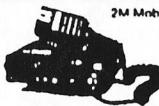
### DJ-160T



2 Meter Deluxe HT  
20 Mem Channels  
SW Optional Battery  
Encode Built-In  
DTMF Auto-Dialer  
Built-in DSO  
(DTMF) Paging  
REG. \$369.00  
**SALE \$249.95**

## ALINCO

### DR-110T



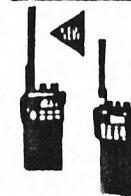
2M Mobile

**GREAT FOR  
PACKET**

2M FM Transceiver • Great Performance  
45 Watts • CAP • MARS Modifiable  
REG. \$519.00 **SALE \$299.95**

## YAESU

### HANDHELDS



### FT-26/FT-76

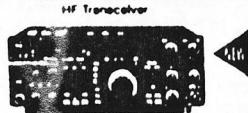
2 Mhz 440 MHz  
2W std.; SW optional  
Direct DC Input  
Built-in VOX, 53 Mem  
DTMF paging  
Selectable power levels

### FT-211

2M HT  
Standard 2 SW, 49 Mem  
2W/140/16/124 MHz  
EXTENDED RECEIVE

## KENWOOD

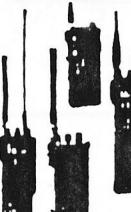
### TS-850



Advanced Technology Performance  
108 db Dynamic Range, Optional OSP  
**CALL FOR LOW PRICE**

## ICOM

### HANDHELDS



### IC-2GAT

2 Meter HT • 7 Watt  
IC-4GAT  
440 MHz • 5 Watt  
IC-W2A  
Deluxe Duo-Band  
Wide RX Band HT  
IC-2SAT, 2 Meter  
IC-3SAT, 220 MHz  
IC-4SAT, 440 MHz  
IC-24AT, Duo Band  
IC-2SRA, 2M + Wide Rx

## KENWOOD

### HANDHELDS



Super Compact HT  
700 MAH Battery

TH-27A

RX 110-165 MHz

2 MTR/2.5 W DTSS

TH-47A

440/1.5 W DTSS

41 Memories

TH-225A  
2 MTRS/5W  
TH-315A  
220MHZ/2.5 W

**CALL  
FOR  
GREAT  
PRICES**

## ICOM

### IC-735



100W 12 volt • 12 channel memory  
General Coverage • IF Notch & OSK  
**CALL FOR LOW PRICE**

# QUEMENT ELECTRONICS

FEATURING



## ICOM



ICOM  
IC-W2A  
  
CALL  
FOR PRICE

FEATURING



## YAESU



YAESU FT-1000D  
CALL FOR PRICE

FEATURING



## ALINCO ELECTRONICS INC.



ALINCO  
DJ-180T  
  
CALL  
FOR PRICE

# QUEMENT ELECTRONICS

1000 S. Bascom Avenue  
San Jose, CA 95128

## PHONE

## 408-998-5900

NEW HOURS !  
NOW INCLUDING  
SUNDAYS !

★M-F 9 - 7★  
★SAT 9 - 6★  
★SUN 11 - 4★

## YOUR ACCESSORY HEADQUARTERS

- Learning Books,  
Magazines and Audio Tapes
- Replacement Batteries
- Electronic Kits
- Top Brand Antennas  
By Hustler, Larsen and Cushcraft
- Extensive Cable and  
Connector Selection



Since 1933...

The Bay Area's Electronic Supermarket



Serving the Industry Since 1933

Quement Electronics  
AMATEUR RADIO DEPARTMENT

BILL RAUSCH  
AA6TA

Tel. (408) 998-5900  
Fax (408) 292-9920

1000 So. Bascom Ave.  
San Jose, CA 95128

# HOW to REACT to a JAMMER

de Rich Stiebel, W6APZ

## PART THREE OF A SERIES

by a stuck PTT switch on a microphone or a stuck VOX. Recently when this happened, the ham involved apologized on the air as soon as he became aware of the stuck PTT switch.

The recommended response to this situation is to try to understand what is being said and try to recognize the voices. When you think you have identified the person, give them a call on the land line, or if they are working another ham band, on that band. These individuals are generally grateful for the information and will terminate the transmission as soon as they realize what is happening.

The approach of carrying on a conversation over this type of interference should not be undertaken until a reasonable amount of time is allowed for listeners to try to identify and notify the ham with the stuck microphone switch. After a reasonable time (this is subjective), go ahead with your conversation if your signal can capture the repeater. By not immediately talking over this station, there is the opportunity to identify and notify the ham who is inadvertently transmitting.

If you hear music, it *may* be a call to AAA. They typically use music when they put a caller on hold. To let other hams know what is going on, the station placing the emergency call should periodically identify. "This is W6XYZ waiting on hold for AAA" would be one way of letting people know not to talk over the music. If the music is just a form of jamming and you want/need to use the frequency, just talk over it as outlined in the first bullet above. If you have nothing to say, ignore the music.

For obscene language type of jamming, a good approach is to use just enough power to capture the repeater

**TO BE CONTINUED...**