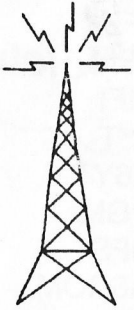


APRIL 1994



# **PAARA**

## ***ELMER PROGRAM***

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**ELMER PROGRAM !**

**DETAILS INSIDE !**

# PAARA

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### 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  
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SEND PAARA/GRAPHS CORRESPONDENCE TO:

PAARA EDITOR  
P.O. BOX 911  
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VOLUME 37

APRIL 1994

## FROM THE EDITOR'S DESK

As those who attended the March meeting know, Yours Truly has vacated his position on the PAARA Board. In addition, we will be going QRT as Editor and Lily N6PGM is ably handling the smooth transition to new club journal management. Our increasingly busy work schedule has finally made it necessary to cut short our active status in the PAARA regime. TNX for the chance to assist and 73 to all of you. -DE YOUR EDITOR N6VFH 1987-1994.

## SPEAKER OF THE MONTH VIA STEVE K6FS

**PAARA PROGRAM FOR 1 APRIL 1994:**

**RADIO COMMUNICATION & NAVIGATION IN AIR  
SEARCH & RESCUE**

**PRESENTER: SEAN SALTER, Lt. (jg) USCG,  
Helicopter pilot, Public Affairs Officer, US Coast  
Guard Air Stn., SFO.**

**Sean will describe ASR operations,  
communications, use of nav aids including GPS;  
Sean will show video of typical ops and will also  
discuss role of Coast Guard Auxiliary in support  
of S&R, both surface and air.**

**DINNER WITH SPEAKER / 6:00 P.M. MEETING FRIDAY  
APRIL 1ST... SUHONG, EL CAMINO, OFF RAVENSWOOD,  
MENLO PARK....**

**TALK IN 145.23(-)PL100 & 147.45/SIMPLEX...**

# THE PRESIDENT'S MESSAGE

It is with deep gratitude for his seven years of faithful service as "editor extraordinaire" of PAARAGRAPHS that I accept the resignation of Chuck Johnson N6VFH. Chuck's life is too full and busy for him to continue in this capacity, and to be able to give editing PAARAGRAPHS the attention that he feels is needed. I know I speak for all of us when I say that Chuck's contribution to PAARA is beyond measurement. Many thanks, Chuck, for a job well done.

In the meantime we're putting together a new group to edit and publish PAARAGRAPHS. If you have expertise or suggestions please call me.

PAARA will be an official sponsor of, and provide communications for, Palo Alto Airport Day which will take place Sunday September 25 from 11AM to 3PM. If you'd like to help out please contact me.

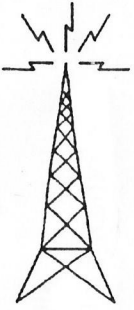
A special thanks is in order for Jeff Wilson N6WLA. He is doing a spectacular job of helping the Recovery Inn in Menlo Park put in an emergency communication system. GREAT WORK JEFF,

Please note our spring picnic will be held June 4 at Helga and Ron Panton's QTH. This is one of PAARA's most enjoyable yearly events. You can count on good food, good drink, many door prizes, and especially good company.

The April board meeting will be held on the 20th at 7:30 PM at my home, unless someone else would be interested in hosting this meeting.[?]

DE LILY N6FGM

**REMEMBER-  
OPEN HOME BREW NITE NOW AT EVERY MEETING.  
BRING UR CREATIONS TO SHOW-'N-TELL WITH THE  
CLUB! - YE OLDE NOTICE**



# PAARA *ELMER PROGRAM*

## Instructor Sign-Up Sheet

Name: \_\_\_\_\_

Call: \_\_\_\_\_

Phone: (    )    -

QTH: \_\_\_\_\_

Instruct in

Following Area(s): \_\_\_\_\_

Could Teach at My Home:     Yes     No

Max. No. of Persons:     \_\_\_\_\_     Any

Program Length:    \_\_\_\_\_ Sessions

Can We List You

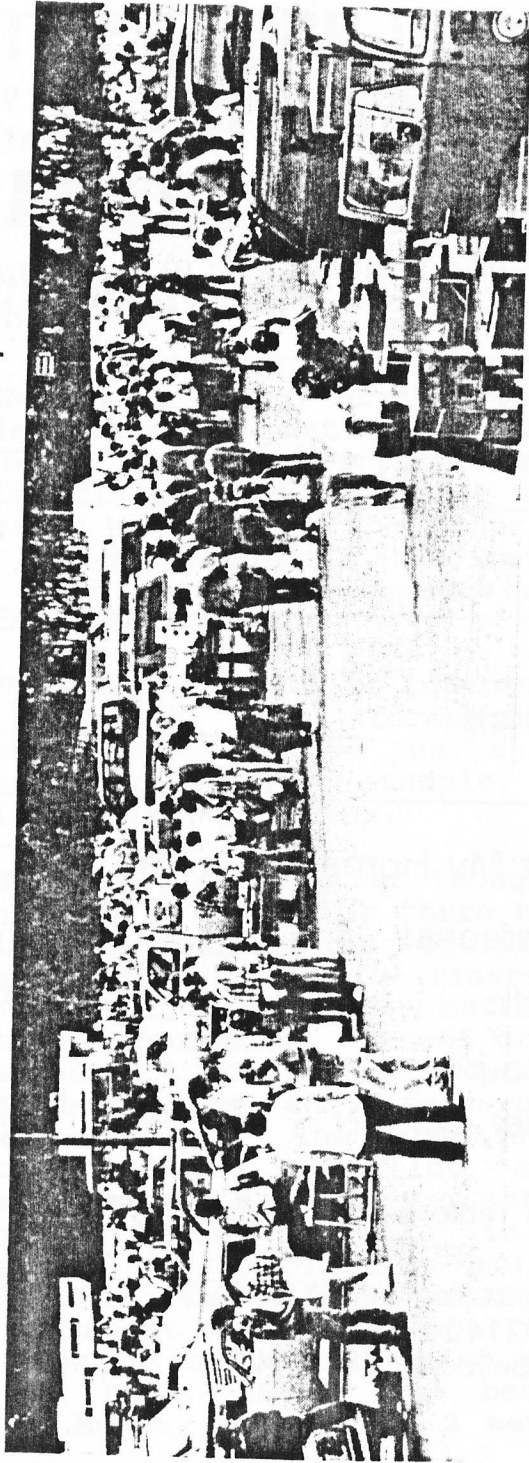
in PAARA Elmer Guide?:     Yes     No

Leave on Table in Front at End Of Meeting  
or Mail To:

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# Northern California's Largest Electronics Flea Market

Continuing Under Perham Foundation Sponsorship in 1994

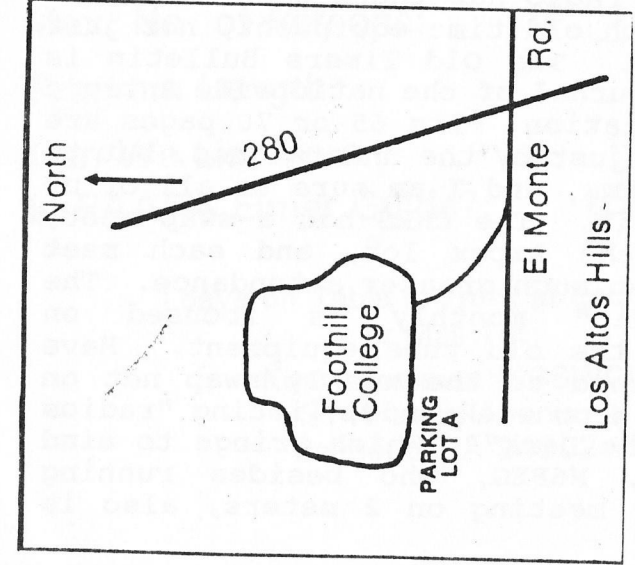


- Come to Parking Lot A, Foothill College, Los Altos Hills
- Second Saturday of the month, March-September, 6am-2pm
- Sellers: \$10.00 per vehicle (2 parking spaces)
- BUYERS FREE!!! (but bring quarters for the College parking fee)
- Support your local non profit electronics organization
- Refreshments provided by beneficiary organization



Locator map:

**NOTE: Campus parking rules enforced... please park legally**



*Date — Beneficiary organization:*

March 12 — The Perham Foundation

April 9 — Santa Clara County Amateur Radio Association (SCCARA)

May 14 — South Peninsula Emergency Communication System (SPECS)

June 11 — Electronics Museum Amateur Radio Club (EMARC)

July 9 — Silicon Valley Emergency Communication System (SVECS)

August 13 — Palo Alto Chapter, American Red Cross  
September 10 — Palo Alto Amateur Radio Association (PAARA)

**NEED MORE INFORMATION?**

Call any time on the SPECS repeater (145.27 MHz -) or phone (408) 734-4453

**HELP US REOPEN THE MUSEUM TO THE PUBLIC!**

# QST DE GERRY W6NIR

GERRY W6NIR HAS SUBMITTED THE FOLLOWING CONSTRUCTIVE SUGGESTIONS FOR THE FUTURE OF OUR CLUB JOURNAL. PLEASE DO EVERYTHING POSSIBLE TO GET THIS WORTHWHILE INFORMATION INTO PRINT BY PROVIDING IT TO UR NEW EDITORIAL STAFF. -DE N6UFH

-----

1. We have a legacy of interesting articles published through past years. Why not select one each issue for reprinting now? Mike Bach's classic WB6FFC 2 meter antenna article, Sy Stein's "The Other Side of the Moon", Rick Ferranti's fascinating features each month nearly two decades ago, and many others come to mind.

2. PAARA has a wealth of interesting sources. Why not ask our aforementioned Boston correspondent to give us an article on telegraph keys, for example, the fastest growing collector's item.

3. This triggers another thought. Never in the history of radio has there been such wide fascination with old time equipment, not just antique radios. The Old Timers Bulletin is the official journal of the nationwide Antique Wireless Association. Its 65 or 70 pages are treasured, not just by the undersigned, but to thousands of Hams, and I am sure to all of us if exposed to it. The CHRS has a swap meet, quarterly at the Ampex lot, and each meet seems to have so much greater attendance. The "Electric Radio" monthly is focused on collectors of the old tube equipment. Have you ever listened to the weekly swap net on 7240 KHZ about 4 on week-ends, listing "radios that Glow in the Dark"? Which brings to mind our own Paul, N6FEG, who besides running PAARA's Monday meeting on 2 meters, also is



the organizer and net control of a weekly western military net. Why not ask Paul for a few paragraphs describing his collection of military radio gear? Or a story by Fred Canham on ground and flight radio operators in the Pan Am Clipper era in the Pacific?

4. Just thinking about these matters rouses the imagination. We live in an area which has great radio history predating both Packard and Hewlett and when Silicon Valley was all prunes, cherries, peaches and apricots, without a concrete tilt up to be seen. I am thinking of Hank Olson, an early PAARA member, who has recently published a booklet on KFS and its history. Hank, W6GXN, is reportedly researching another, focussing on KTK Press Wireless, at Pacifica (new name) for Mussel Rock. How about Federal Telegraph which in 1911 had DeForest on its payroll, and later moved to Palo Alto on the El Camino long before the Holiday Inn was ever dreamed of, much less occupying Federal's site near the SP Station. San Carlos' Paul Giganti, W6GVY comes to mind, of nation wide fame as a collector of real old receivers. What about an article by Rick (WA6NCX) on Remler Radio, where his father worked alongside John Kaar (later founder of Kaar Engineering in Palo Alto) for a while? And tubes. The wonderful stories of Heintz & Kaufman, South San Francisco, Eitel - McCullough (Eimac) in San Bruno, and Varian in Palo Alto? Perhaps the fabulous Bill Orr, W6SAI, Menlo Park, could give us a talk on the early years.

5. If my focus is too much on the past, why can't we encourage experts in our fold to describe their own stations, operating techniques, antenna projects, whatever. Remember that famed Mike Villard, W6QYT, the father of ham SSB and Stanford Moonbounce, was at the time a member of PAARA, and has spoken to the club on various occasions, when most members now on our roster were still unlicensed.



# MORE OF RICH W6APZ'S ADVERTURES IN EI-LAND

(CONCLUSION OF A SERIES)

The Foynes Flying Boat museum, located across the bay from the Shannon Airport, also had an interesting radio section. The flying boats were in their heyday in the period before and through the first years of WWII. They regularly crossed the Atlantic from New York to Ireland and back. A thirty-minute video explained the problems and triumphs of the flying boat era. One room of the museum was called the Radio Room. In it were HF transmitters and receivers used both on land and on the flying boats. They had a Morse code key hooked up to an oscillator for the public to use. A lot of the communications in those days was done by CW. One HF transmitter in the museum stood 6 feet tall, about 4 feet wide and 2 1/2 feet deep. Some of the vacuum tubes on display were about ten inches in diameter and over a foot high. An early Collins receiver was racked up with other receivers nearby. Many other early tubes, plug-in coils, capacitors, and other radio parts were on display. The Foynes Flying Boat museum was well worth the stop whether one is interested in radio or the history of flying boats.

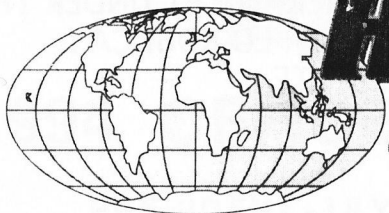
I had expected smooth and easy mobile operation in Ireland. While that did not happen as planned, I did learn a few things that would apply to ham radio operation in most European countries. Were I to go again, I would build up a 1750-Hz oscillator with a tone-burst timer to facilitate repeater access. An earphone and boom microphone with VOX would have solved the problem of not having three hands while driving. Before I went, I would also practice my listening comprehension of English as spoken in Ireland by listening to HF DX to get used to the Irish accent.

THIS ARTISTIC DEPICTION SPEAKS VOLUMES AS TO THE EFFORTS OF SANDI TO GET HER TICKET UNDER THE TUTELAGE OF PAARA/COAX MEMBER ED KD6KCA... WE WISH HER LUCK! -EDITOR'S NOTE



"ED & Sandi at it again."

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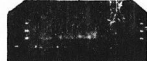


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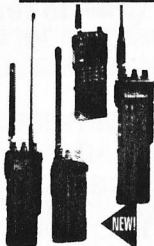
IC-2IA, 2 meter

IC-24AT, Duo Band

IC-2SRA, 2M + Wide Rx

IC-2GXAT, 2M

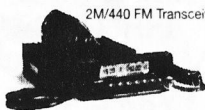
IC-T21A, 2M



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### HANDHELDS

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#### TH-22AT

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## ICOM

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