



PAARAGraphs

Celebrating 60 years as a *real* ham radio club—Since 1937



CALENDAR

1997 PAARA Dues,

Mail to PAARA or give \$12 check, with Call, to:
Doug Schliebus -W6HXL, Treas.

March 7, PAARA Meeting, 7:30

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

March 8 Foothill Flea Market

West Valley Amateur Radio Association (WVARA)

March 12, PAARA Board Meeting, 7:30

Red Cross Blvd. 400 Mitchell Ln., Palo Alto

April 4, PAARA Meeting, 7:30

April 9, PAARA Board Meeting, 7:30



Program

March 7, 1997,
7:30 P.M.

Speaker:

Dr. Robert "Smitty" Smithwick, W6JZU
MARCO Medical Amateur Radio COuncil
(see page 19 for more)

PAARA Radio NET every Monday evening, at 8:30pm,
on the 145.230-600 repeater MHz, PL tone off. •



PRESIDENT'S PONDERINGS

de VIC BLACK, AB6SO

Homebrew

Homebrewing, or building your own equipment, is one of the joys of ham radio. Other radio services must buy FCC type approved radios and operators are not allowed to modify them. We're fortunate since we can build inexpensive radios and have the satisfaction of making new worldwide friends with our homebrew rigs. It's always been a part of the magic that is ham radio. Kits have taken the drudgery out of locating parts and have made it easier than ever to homebrew.

Many hams were saddened when Heathkit left the kit building business. The vacuum Heathkit left didn't last long, though. New kit companies rose up to fill the void. A local company that now sells worldwide is Wilderness Radio owned by former EMARC club president **Bob Dyer, KD6VIO**. Many clubs, especially QRP clubs, also sponsor homebrewing contests and kit projects.

Perhaps the most successful kit group is the **Nor Cal QRP Club**. Their "Forty-Niner" (40 meters on 9 volts) was designed by **Wayne Burdick, N6KR**, who spoke to PAARA about QRP. In about 6 months the club sold over 1000 of these fun CW transceiver kits. They have been built in surplus military cases, boxes made of soldered up PC board material, Altoid mint tins, and spice cans. One was even squeezed into a 9-volt transistor radio battery case!

The "38 Special" kit (thirty meters on 8 volts) uses no discrete transistors. They have been replaced by easy to use integrated circuits. Several clubs and manufacturers also offer SSB rigs as kits. Transceivers aren't the only kits available, though. Very nice test equipment, keyers, counters, station accessories, antennas and even earphone head-

(Continued on page 20) Ponderings

Miscellaneous Dates

Flea Market at Foothill (tentative 2/20/97)

Mar 8 West Valley Amateur Radio Association (WVARA)
 Apr 12 Palo Alto Chapter, American Red Cross
 May 10 Palo Alto Amateur Radio Association (PAARA)
 Jun 14 Perham Foundation
 Jul 12 Santa Clara County Amateur Radio Association (SCCARA)
 Aug 9 South Peninsula Emergency Communication System (SPECS)
 Sep 13 Electronics Museum Amateur Radio Club (EMARC)
 Oct 11 (added month, sponsor to be named later)

PAARA Palo Alto Amateur Radio Association

meets 1st Friday 7:30 each month, Net 145.230 each Monday 8:30,
 contact: Vic Black, Jr. AB6SO, (415)366-0636.

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'97,

VE Exams, 3rd Saturday each month, 11AM

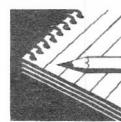


PAARA PRIDE
 wear your
PAARA Badge

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

From: w6apz@svpal.org (Richard Stiebel)

I am looking for technical information (schematic, voltages around the motherboard, service manual, etc.) for a Librex 386 notebook computer. The external power supply is good, but the computer does not turn on, nor does it charge the internal battery. When the battery is removed from the computer and connected to a charger, it charges. Rich Stiebel, W6APZ
 415-494-0128 or email: w6apz@svpal.org



The Board Minutes

Dave Bailey (WS6W), Secretary

January 8, 1997, 7:30PM Board Meeting

Present: Vic Black (AB6SO)*, Pres

Dave Mecham (W6EMD), VPres

Dave Bailey (WS6W), Sec.

Doug Schliebus (W6HXL), Treas

Steve Stuntz (K6FS)*

Charles Grandjean (WD6FAF)*

Fred Canham (K6YT)*

Kit Kohlmoos (K6ISO)

Bill Rausch (AA6PA)

Wally Porter (K6EURO)

*Board Member

The meeting was called to order by **Vic (AB6SO)**.

Continuing Business:

- I. Budget for 1997 - **Doug (W6HXL)**, presented the 1997 Budget based on the income and expenditures for 1996. **Steve (K6FS)**, moved that the budget be approved and **Bill (AA6PA)**, seconded the motion. The Board approved the budget.
2. Schedule for 1997 - **Vic (AB6SO)** reviewed the 1997 schedule he gave us earlier. He said it looks like Field Day will be June 21-22 and the Foothill Flea Market will be in May.

New Business:

1. Club's 60th Anniversary - PAARA will celebrate its 60th anniversary this year. The slogan will be "*Celebrating 60 years as a real ham radio club*".
2. Foothill Swap Committee - We need a committee chairperson. **Vic (AB6SO)**, said that it would be a good idea to list the types of work and the shifts (as was done on page 3 of *The Heterodyne*, the newsletter for the West Valley Amateur Radio Association) when we pass around the sign-up sheet to the members.
3. Summer Picnic Committee - We need to contact **Ron (W6VG)**, set a date, and form a committee.
4. Field Day Committee - We need to have categories for jobs (as in the Foothill Flea Market) and form a committee a couple of months ahead of time.
5. Membership Outreach - In order to attract new members, we can do a mass mailing from the QRZ CD ROM sorted by local cities.
6. Club's ARRL Affiliation - PAARA is affiliated with ARRL, so PAARA retains \$2 from each ARRL renewal through PAARA.

Other Business:

1. **Dave (WS6W)** read the February 7 PAARA meeting minutes. **Bill (AA6PA)** moved that the minutes be approved as corrected and **Charlie (WD6FAF)**, seconded the motion. The minutes were approved by the Board.

(Continued on page 19) Board Minutes

Palo Alto Amateur Radio Association, Inc.
PO Box 911
Menlo Park, CA 94026

President.....Vic Black, Jr., AB6SO.....(415) 366-0636
Vice President.....Dave Meacham, W6EMD.....(415) 369 2633
SecretaryDave Bailey, WS6W.....(408) 730-5215
Corporate Secretary.....Kit Kohlmoos, W6ISO.....(415) 366 7813
Treasurer.....Doug Schliebus, W6HXL.....(415) 851 0727
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
Charles Grandjean, WD6FAF '98
Steve Stuntz, K6FS (415) 322 4952 '97

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

PAARAGraphs Staff

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Database.....Bill McElhinney, KA6LZI.....(415) 325 9808
Advertising.....Bob Korte, KD6KYT.....(415) 595 1842

e-mail Address: wmpoter@aol.com

COMING ATTRACTIONS:
MARCH MEETING

Friday, March 7, 7PM, Menlo Park Recreation Center
from Steve Stuntz, K6FS

We have the honor to present **Dr. Robert "Smitty" Smithwick, W6JZU** and his slide show describing MARCO - Medical Amateur- Radio Council and its subsidiary, Medishare International, co-founded in 1989 by Smitty and **Ken Kirk-Bayley, GJ0KKB**, as the result of a Sunday afternoon QSO. A full account of these organizations and their accomplishments appears on pages 41-43 of February QST.

Special note: at its January meeting, the ARRL Board of Directors, voting on a motion by Pacific Division Director **Brad Wyatt, K6WR**, unanimously conferred the Leagues International Humanitarian Award for 1996 on both **Smitty** and **Ken**. Come and hear/see confirmation that Amateur Radio is truly a Service.

Smitty will be our before-meeting guest at the customary Gab & Gobble. Su Hong Restaurant, El Camino Real, Menlo Park (across from Kepler's Book store). ☺☺☺



PAARA Meeting Minutes

FEBRUARY 7, 1997

submitted by:

Dave Bailey(WS6W), Secretary

President **Vic Black (AB6SO)** called the meeting to order, and then the introductions were done. **Sam (KF6ML)** from Southern California was visiting.

Announcements:

- i. Pay dues to Doug (**W6HXL**), or **Dave (WS6W)**.
2. See **Fred (K6YT)**, for club badges. The cost is \$4.00.
3. **Bob (KD6KYT)**, is also the ads manager for PAARAGraphs.
4. **Les Zwiebel (WB6ORZ)**, will be the awards manager. Anybody who checks in at least 20 times per calendar year to the PAARA Net on Monday nights will win an award.
5. **Kit (W6ISO)**, gave a report on the Winter Party on January 9. Everybody had a good time.
6. **Dave (WS6W)**, our Monday night net control station, gave a report on the weekly net.

Operating News:

1. **Dan (WB6STW)**, worked **Ron Blessin (M/AF7A/MM)**, from New York to Southampton and has a QSL card.
2. 20 meters has been wide open.
3. Alaska now has WL0-9 prefixes.
4. **Steve (K6FS)** said that 75 meters has been opening up after midnight.
5. The **VHF Contest** was held January 18 and 19. **Kit (W6ISO)**, **Rich (K6RFM)**, **Mike (KD6PIW)**, and **Vic (AB6SO)**, participated.
6. **Tom (K6JBR)**, heard San Bernardino and Oregon stations on 2 meter SSB.

continued to next column

(Continued from page 18) Board Minutes

2. License Class - We do not have any specific dates yet, but if we do start a new license class, we should do our own advertising. We can publicize the class at Ham Radio Outlet and at the swap meets. **Dave (WS6W)**, still has the *Now You're Talking* books.
3. **Wally (K6URO)**, said that we should publish the average cost per PAARA member for 1996 in PAARAGraphs.
4. Overhead Projector - The club needs a new overhead projector. **Steve (K6FS)**, will get quotes on new overhead projectors. We want one that is small and easy to store.
5. Auction - We need to see if we can use the Shriner's Hall again this year for the auction. **Nolan Katz (KB6LT)**, is the person to contact about that. A possible alternate location is National Semiconductor.

Bill (AA6PA), moved that the meeting be adjourned. ☺☺☺

from column one

Show and Tell:

1. **Vic (AB6SO)**, showed the new St. Louis vertical antenna, which is made from a fishing rod. It costs \$20.
2. **Sam (KF6ML)**, showed the 20 and 75 meter Cascade radios as well as some QRP rigs and keyers.

After the break, the Trader Joe's gift certificate was given to the attendant on duty at the Rec Center. We wanted to show our appreciation for his going the extra mile for us.

Speakers:

Our speakers for the evening were **Ed Cline (KC6QNT)**, and **Geoff Loyns (KB6NZG)**, who spoke on the wonderful world of amateur radio and hang gliding. They helped **Vic (AB6SO)** get started into amateur radio.

*Submitted by **Dave Bailey (WS6W)**. ☺☺☺*

(Continued from page 17) Ponderings
sets are easily home brewed.

Some problems have arisen, though. Many hams are not as keen of sight as they once were. Parts don't just seem to be getting smaller. They actually are tiny. The other problem with mature hams is that the manual dexterity that was once there is all but gone in some cases. How can you deal with these hurdles and still enjoy homebrewing? Consider every challenge an opportunity. A couple of suggestions:

Long's Drug Stores carry an interesting product. They're reading glasses (a variation on the old style jeweler's loupes) that clip onto your regular glasses like clip on sunglasses and flip up out of the way in an instant. They clip onto safety goggles if you wear contact lenses or don't wear glasses. They are available in strengths from +1 to +4 diopters for about \$10. I use the +4 glasses for working with tiny capacitors, surface mount parts and things of that sort. They compensate for middle age presbyopia ("My arms are too short to read any more").

Before I found out about them, I took my glasses off and held the parts about three inches away from my eyes to read the values. I also did something very dangerous---I soldered that way so as to see what I was doing. If the solder flux boiled up it could splash solder my way. Thanks to **Jeff Furman, KD6MNP**, for info on the clip ons.

If you're color blind and can't read the markings on small parts, simply measure the values with a digital multimeter (not a bad idea even if you aren't color blind---sometimes parts are out of tolerance or miskipped. Besides, it's fast). Meters are cheap and easily available. Try **Radio Shack**. Make a meter jig by mounting a couple of spade lugs to a piece of wood with the spades sticking up. Clip the meter leads to the lugs. Just lay the parts across the spade lugs to get a reading. It beats having to clip and unclip all the time.

What do you do if you have macular degeneration or cataracts or maybe your manual dexterity is compromised by Parkinson's? Consider "Elmering" new or young hams by helping them build kits. Pool your finances and buy two kits---one for each of you. Order together to save on shipping costs. Then you, the experienced ham, can supervise and the younger ham can assemble and solder both kits. Don't forget to bring your creations to club meetings for Show-and-Tell.

What's in it for you? First, you each get a new piece of homebrew equipment. Second, you get the satisfaction and recognition that come from sharing your hard won experience and you'll be helping a new ham. Just like homebrewing, Elmering is a traditional part of ham radio. The new ham you Elmer will someday Elmer another, and so on. ☺☺☺

Join us for pre-meeting eyeball
QSO
gab & gobble
6 pm at Su Hong Restaurant
1039 El Camino Real, Menlo Park
across from Kepler's Book Store



PROGRAM NOTES: for **PAARA Program,** February 7, 1997

— Steve Stuntz, K6FS

This was a triple-whammy gathering of the faithful!

Before our guest speakers were introduced, President Vic, **AB6SO** introduced two of the richest, most provocative show-and-tell's yet.

First came an all-too-brief demonstration of the "St. Louis Vertical" (SLV), based on a design by **Dave Gauding, NF0R**, reprinted from the Aug. 1996 Peanut Whistle, the journal of the St. Louis QRP Society. Based on a twenty-inch collapsible fiberglass fishing pole, which extends in a succession of locking sections to 20 (yes, TWENTY) feet, this neat device, when adapted according to the reprint Vic handed out, grows into a vertical antenna suitable for grab-and-go portable HF operation on all bands from 40m to 10m. It features compactness, light weight, and simple (i.e. labor-intensive) assembly of inexpensive materials. Intended primarily for QRP operation, it can stand up to 50 watts of RF - and is self-supporting in high wind, according to the author, as well as being minimally visible/intrusive to the environmentally-challenged (or unsympathetic landlords). Vic just happened to have with him one of the fishing-poles (SouthBend model SD-20, for anybody seriously interested), which he carefully extended, section by section, across the podium and down the center aisle to its full 20' length, bringing gasps of wonder and "What in the world?" from everybody. Note: additional reprints of the illustrated article describing this ingenious creation can probably be wheedled from His Vic-ness.

Second. Vic introduced "Samurai" **Sam Imai, KF6ML**, from Los Angeles, QRP builder and operator par excellence. Sam showed and described two of his exquisitely-crafted home-brew QRP rigs, one a 20m & 40m SSB transceiver with self-contained 2 AH gel-cell power supply; the other his version of the popular "38 Special". He is reported to have shown his creations to enthusiastic gatherings at Pacificon '96, and at the February meeting of **NorCal QRP Club**. He also has - but didn't show at the PAARA meeting - a tuner designed to complement the St. Louis Vertical (see preceding paragraph). Incidentally, Sam has made history by fashioning a standard Swingline 501 Stapler into a QRP CW transmitter. One way to fasten down our hobby!

Main event of the evening was a slide-talk and equipment demonstration by **Ed Cline, KC6QNX**, of Campbell, and **Geoff Loyns, KB6NZG**, of Redwood City. Both dedicated, experienced competition-grade hang-gliders. In a beautifully photographed and organized series of color-slides (how do

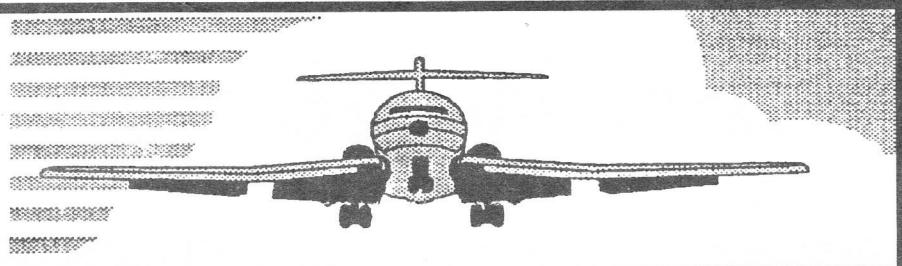
(Continued on page 23) Program Notes

Captain Carl Louis Smith

July 28, 1918 - January 9, 1997

W0BWJ

Silent Key



(The following submitted by Steve Stuntz, K6FS)

W0BWJ REMEMBERED: LOG EXCERPTS 6 REMINISCENCES

Log entry 25 Aug. 1975: big pileup 20-m LSB, W6's & W7's working W0BWJ/aeronautical mobile, handle **Carl**; everybody seemed to know him. Evidently keeping list, replying in order. Hollered; by time he got down to **K6FS**, lost contact; probably too close in. No QSO.

Next day: mailed note to W0BWJ callbook QTH, Denver; asked if this was one-time flight or regular run.

Two days later, phone call: "This is **Carl Smith, W0BWJ**; heard your call but lost you due to shortening range. At apartment in Burlingame [shared with other line pilots on layover]; departing SFO noon today for Honolulu on regular run; Western 583. Back at SFO day after tomorrow. Look for me on 14225 LSB 1 hr after departure: will be at FL330 and far enough out for 20-meter contact.."

Extract from log: 0418 to 0446 UTC 3 Sept. 1975, 14222 LSB, 59 both ways; first sked with W0BWJ/aeromobile Region 2. enroute Honolulu: made lunch date for 4 Sept. at SRI dining room.

That was the beginning. From then on owned 14225+-LSB, whenever W0BWJ's 707 was equipped with radio reaching amateur phone hands. More lunches at SRI before afternoon departures to Hawaiian paradise. In return, many ripe pineapples hand-carried in cockpit to Bay Area.

Occasionally, when his return terminated SFO, met him at Western's crew-scheduling office, drove him to Burlingame apartment. Ditto when flight terminated San Jose. Helped set up FT-101D+ linear, hooked to ventilating grid running around second-floor roof overhang. Worked OK; weird but effective. Rig remained in apartment after layovers: none of the four other pilots was a ham. Usual work schedule was two round-trips a week. At Honolulu end used Wilson 2-meter FM xcvr to keep contact with local hams, including Nose, heavy-hitting DXer KH6IJ. In later years **Carl**, **XYL** and Nose plus **XYL Matsuyo** visited, dined together.

Agreed to test 2-meter DX path one evening; W0BWJ inbound at FL330; made contact via Mt. Tam repeater (146.70-) when DME showed 360 nautical miles to Mt. Tam VOR. Calculated range: approximately theoretical line-of sight. Much chatter on repeater. Everybody "surprised" at coverage.

During carefully prearranged PAARA field trip to Oakland Air Traffic Control Center, Freemont, Western 582 was

scheduled to arrive SFO. Checked with controllers at Oceanic Sector position; everybody knew **Captain Smith**. Flight expected on time. When 582 called Center on routine VHF arrival check-in, controller- turned mike over to PAARA to accept/acknowledge initial contact.

On one arrival at Honolulu, **Carl's** 707 failed to deploy nose-gear. Orbited airport for over an hour, trying everything; called Honolulu maintenance, then Western overhaul shop at LAX for engineering consultation. Nothing. Decided to set down on main gear only, rather than risk low-fuel problems. Flight attendants readied passengers for emergency. Honolulu press photogs alerted, piled out to airport, hoping for the, worst. Amateur movie fan shot 8-mm film of final approach as inbound Western 583 swung from downwind to routine base leg, set down normally on main gear, then bobbed nose quickly trying to dislodge nose-gear; no luck. Aircraft rolled to usual taxiway turnoff, then settled nose-first to ground. Passengers deplaned via escape-chutes; only casualty - one sprained ankle. Plane completely evacuated in less than 2 minutes. only damage: bent/scraped nose cowling. Cause of malfunction, determined later: crystallized locking-pins failed to retract. keeping nose-wheel and strut locked in flight position.

Amateur movie shown to several Day Area hams, to Western management, and Honolulu city government. Now part of pilot-training package used by Delta (Western's successor). Final payoff: **Carl** awarded certificate and plaque of appreciation by Honolulu mayor "for not busting up the runway".

Last flight of W0BWJ, July 28, 1978 FAA-mandated at 60th birthday, terminated thirty-year career with Western. Arrived San Jose on schedule, to audience of relatives, friends and Western pilots. K6FS with Hasselblad on hand to photograph event; **Carl** standing in cockpit door receiving best wishes from deplaning passengers; signed cast on leg of man injured surfing. Historic shot.: **Carl** and **XYL Terri** standing under nose of same 707 that had landing-gear problem at

(Continued on page 23)Carl

PAARAGraphs Ad Rates

PAARAGraphs accepts paid advertisements from non-members.
(short personal ads remain free for members in good standing).

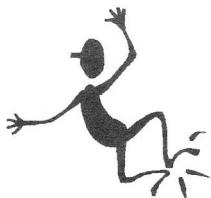
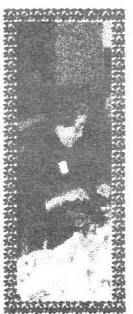
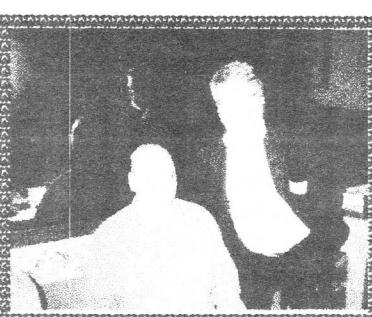
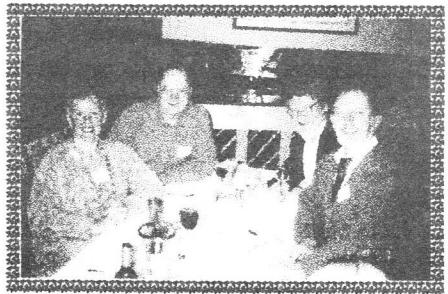
All ad rates listed are per issue only.

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.

Winter Party



January 9, 1997

Fabbro's Restaurant



(Continued from page 20) Program Notes

they do it while flying?), they showed and described hang-glide flights up to as high as 18,000 feet over distances exceeding 190 miles (**Geoff** holds a distance record of 197 ground miles, round trip). Both **he** and **Ed** travel to distant high-elevation spots having wind-patterns favorable to launching and flying, sometimes from a standing-start at ground level, sometimes with vehicle-and-towline assist.

Of special interest was the equipment they prepare and carry on their flights: besides the obvious "wings" they are heavily clad against low temperatures at high altitudes (3°F decrease per 1,000 ft., i.e. when it's 70° at the beach, it's 12° below at 18,000 ft., before wind-chill. Besides an emergency parachute, each carries water, food, maps, oxygen, mask and special instruments for recording altitude, distance and direction - not to mention amateur 2-meter FM transceivers for coordinating with their ground-crews, and aircraft-band AM radios (used when operating around FAA-controlled flight areas). AND the ever-present relief-tube facilities.....!

While most of their "flying" has been performed in western USA, **Geoff**, originally from South Wales, is recognized for his achievements in the UK and Europe. **Ed** sticks closer to home - Mt. Diablo, Mission Peak, Lakeview, Oregon, and the Owens Valley. He has flown, however, in Texas, and from Mauna Kea, Hawaii - where the air gets just as cold as in the Sierra Nevada.

Added info: **Ed** is a digital electronics engineer dealing with robotic systems; **Geoff** is a finish carpenter (trade-talk for "highly-skilled woodworker"). You never know where the spirit of amateur radio can take you.

PS: thanks to Vic. AB6SO, for the wealth of background dope on KC6QNX and KB6NZG. ☺☺☺

—30—

PAARA
MONDAY NIGHT NET
8:30 PM
145.230-600 MHz repeater
PL tone off
Latest news between monthly issues of
PAARAGraph

For this issue there was no space left for cartoons or the comic strip, thanks to material submitted by **members**. Last year PAARAGraphs cost \$1.57 per member issue. Is it time to add more pages? Should we mail more freebees to encourage new members?

Wally (K6URO), Ed.

(Continued from page 21) Carl Honolulu. Looked good as new.

W0BWJ was Charter- Life Member of ARRL. Active in ARRL/IARU preparations for WARC '79, traveling, usually with **XYL Terri**, to Tokyo, London, etc., for conferences with officers of national amateur radio organizations such as JARL, RSGB. Spent many weeks in Geneva during WARC '79 as member of ARRL/IARU team observing and advising official U.S. delegation.

Weekly 15 & 20m skeds after retirement, usually with neighbor **Bill**, **KQ0J**, and **Kei**, **JA1BLV** (see PAARAGraphs May & June 1996), longtime friend; introduced **Kei** to **K6FS** during one QSO, arranged pickup at SFO. Previously had entertained and introduced **Suri**, **VU2MY** and **XYL Rama**, who spent week in Bay Area studying Amateur Radio Emergency Service, meeting local and area EC's. Visit arranged via **W0BWJ** sked.

Postscript: **Carl** first licensed before WWII. Trained at Army Air Corps Base, Wilmington, DE. First assignments - delivering bombers to U.S. training bases. Then piloted cargo aircraft (C-54's, etc.) during 4+ year service in Army Air Transport Command. Flew transatlantic (Casablanca, etc.) and transpacific cargo runs (C-54's). Made many India-Burma-China trips over "the Hump". Helped found "Wilmington Warriors" after WWII - group of survivors, several located in Bay Area. In 1947 began career with Western Airlines.

Footnote: graphic at head of story represents jet in final landing configuration - gear down and locked, full flap, nose slightly pitched up for gentle set-down with decreasing air speed. Reproduced, with artists' permission, from Order of Service, **W0BWJ** funeral, Denver, CO, 12 January 1997.

—30—



PAST ARRL PRESIDENT **CARL L. SMITH, W0BWJ, SK¹**

Past President Carl L. Smith, W0BWJ, died January 9, 1997. He was 78 and had been in poor health for several years. Memorial arrangements have not yet been announced. Carl Smith's contributions to the ARRL spanned four decades. He served as Colorado SCM in 1955-56, Rocky Mountain Division Vice Director in 1957-58, Director in 1961-70, and was elected Vice President in 1970. He became Honorary Vice President in 1972 and in 1974 was again elected Vice President, moving up to First Vice President in 1980. Under the IARU Constitution then in force, this made him also Vice President of IARU. Smith was First Vice President in November 1983 when President Vic Clark, W4KFC, died in office, and he succeeded Clark as President. He served in that office until the following March. --Dave Sumner, K1ZZ

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.

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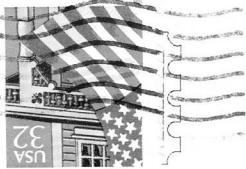
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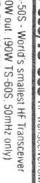
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