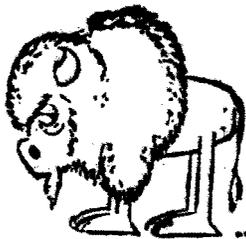


NORTHERN SAN DIEGO COUNTY



W6NWX
WR6AII
SCOPE

VOL. XV, NO., I

THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

JANUARY, 1980

PRESIDENT: CHARLEY GIBBS, WB6ZJZ, OCEANSIDE
VICE PRESIDENT: FRANK TIPTON, WA6HPP, VISTA
SECRETARY: EMILY WOLFE, WA6ZKC, SOLANA BEACH
TREASURER: JIM CHURCH, K6\$LA, VI\$TA

Starting the next decade (or finishing the last one, however you have your calendar and sundial set), membership dues in the Palomar Amateur Radio Club is still a paltry \$7½ - with no initiation fee - and it includes a year's subscription in the legendary PARC newsletter, THE SCOPE - and don't try to wriggle out of it. No carping either. Family membership costs \$7.50 for the first family member; and \$5 for each subsequent member living at the same address. For those who just can't live without the SCOPE, but don't want all that democratic hassle of voting on club matters, it's a flat (not well-rounded) \$2.50. To answer your question, yes, there are some folks who do actually voluntarily subscribe to this thing! Come what may, get your check to the Palomar Amateur Radio Club to Jim Church at the address above or hand it to him at the next club meeting. He'll be more than underjoyed.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output frequency of 146.730 MHz; and a UHF FM repeater with an input of 444.425 MHz and an output of 449.425 MHz. Both are carrier operated, and are for club members and occasional transient users. The 2M machine is located on Mount Palomar, and the UHF repeater is still in sickbay getting its more-than-occasional transients removed.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of their machine to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

John Kuivinen, WB6IQS, is the club's Repeater Committee Chairman. He says he's glad to be back from the Middle East.

The January meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 of the P.M. on Wednesday, the 2nd, in the Community Room of Glendal Federal Savings and Loan at the corner of Anza and East Vista Way in smog-free wistful Vista. Paul Hower, WA6GDC, will tell us about the Happy Flyers. Our new President will tell us about the coming year for the Palomar Amateur Radio Club. Will the flea market reopen? Come on out and find out. Volunteer to help - for a change. Charley and the club can use your support.

There were 56 of us at the December club meeting. There was no program for the evening, so after the business meeting a social hour was held with egg nog provided by WA6HPP. During the business meeting, the election of our club officers for 1980 was conducted. Our new officers are: President, Charley Gibbs; WA6ZJZ, Vice President; Frank Tipton, WA6HPP; Secretary, Emily Wolfe, WA6ZKC; and Treasurer, Jim Church, K6\$LA. A grand time was had by all.

You too can have IDENTITY. See K6\$LA and order one of the OFFICIAL Palomar Amateur Radio Club cheap badges. Jim will be happy to take your money and place an order for your badge as soon as he has enough to make up an order. You can even get **them to put your name and call sign** (or someone else's, if you'd rather) on the badge for you. Anyway, if you need a badge and can figure out who in the blue-eyed-world you are, let Jim know and he'll be only too happy to relieve you of your \$\$\$ and order your badge.

Speaking of badges, Jim Church, our steamed Treasurer now has on hand badges for the following folks: WD6ATX, N6AYQ, WD6CLG, WD6ENI, K4NLM, W7NWE, KØPJ, and WA6QQQ. See Jim and pick up your badges - or else, and that's a promise.

We are sorry to report the passing, on 18 December, of Bob Ruby, WA6ZAC. Bob was one of our charter repeater supporters, and is known to many. He worked at Swan and at Atlas, and was very active in Little League Baseball. A memorial service was held Friday the 21st.

DECEMBER T-HUNT REPORT BY JANE RICE, AD6Z:

John, WB6IQS, and his multi-spiked doppler nosed out four other rabbit hunters by a hare to corner the hidden transmitter that was conspicuously located in the El Camino Real Plaza parking lot amid 89,562 other similar vehicles.

Jim, WB6YXY, under close scrutiny by the Plaza security guards because he was the only hare not Christmas-hopping, was the low powered hidden transmitter.

Bringing up the cotton TAIL in the hunt was the WB6OZT-AD6Z-WD6FWE team which made a tour of all the washed out dirt roads in the 93 acre Hosp Grove adjacent to the Plaza. WB6OZT reports that all the Eucalyptus trees in the grove seem to be in prime condition; that he hasn't seen such hairy roads since Korea; and that if the axle on his old Ford is still up to it he and his team will save face and make a comeback in January.

~~Sandwiched between winner and loser were WD6DXG, WA6ZJZ, K6YUH, and KF6C, not necessarily in that order.~~

January T-Hunts will be on Saturdays, January 12 and 26. Starting time is 5:00 p.m., an hour earlier than usual, and the place is the San Diego County Courthouse parking lot on South Melrose in Vista. A pizza house get-together, with families invited, will follow.

PARC members interested in T-hunting, but not yet involved, are encouraged to try the thing out and ride along. Call WB6OZT-AD6Z at 724-3558 for confidential reservations. No Hosp Grove salesman will call.

FORESAIL: (That's a jib, son, not a martini)

Dopplescanner assembled, tested, and operating, includes 4' diameter ground-plane with antennae, \$150. Receive only Mite teleprinter. Call Les, W6JSL, at 726-1313. If an old grouch answers, that's the place.

Hygain heavy duty Rotobrake antenna rotator w/indicator and book, \$45. Call Jim Kavan, W6IPP, at 753-1090.

Collins 51J-4 general coverage receiver with product detector and selectable sidebands, mechanical filters, \$300. Mechanical filters for Collins 75a-4, 500 Hz, 1.5 kHz, and 3.1 kHz. \$50 each or \$100 for all. Call Jay, W6FAY, at 745-3381.

Teletype Model 28 KSR page printer and typing reperf. Call Phil, K6ROR, at 724-0098.

WANTED: (Stout hearted men.)

A couple of riders to help me share the gasoline to SAROC. Call Oscar, W6BIH, at 726-0459.

2M Ringo, 220 mHz Ringo, 440 mHz Ringo Ranger. A 12vdc to 117vac 60 Hz inverter capable of about 100 watts. 75'-100' of fubber or vinyl jacketed 6-12 conductor flexible cable approximately 18 gauge. Call Walt, W6SCI, on WR6AII or at 729-7846 between 8 a.m. and 2:00 p.m.

Three pole pigs 12 KV primary to 220 VCT secondary, single phase, 10 KW each. Call John, WB6IQS, at 724-8380. (Building up a power supply for your transistor radio or HT, John?)

Antennas of the Ringo or 5/8th wave type for 2M and 220 mHz for use on the new Oceanside Red Cross building. Call Fred, WA6KEY, at 726-3907.

NEWED AND RENUDE CLUB MEMBERS, AND CHANGES:

RENEW FOR 1980: DEAN, Robert, WB6OXX, 4716 Murat Place, San Diego 44 C6
LA VIGUEUR, Ed, WD6DBT, 6435 Flamenco St, Carlsbad 92008 20 C3
LINCLON, Warren W6EYP, 1286-88 Discovery St, San Marcos 16 D6
DELLNER, Chuck, WA6ZDA, 380 Las Flores Dr, Vista 15 F5

NEW 1980: COMER, Brian & Susan & Alan, KF6C & G8MOE & Assoc, 609 Washington Dr, San Marcos 21 E3
HIBBARD, Bill, W6NBR, P.O. Box 193, Julian
KNOTTS, Dick, WA6UKL, 768 Solana Circle East, Solana Beach 30 A5
PUCIO, Andy, KA6EOC, 725 Requeza St, Encinitas 24 E5
TOTH, Alan, WA3HCC, 4058 Johnson Dr, Oceanside 14 D1
LEVENSTEIN, Larry WB6YBF, 5802 Corral Way, La Jolla 52 A1
(Continued on page 3 if this is page 2)

(GNUED AND RENUDE MEMBERS, CHANGES continued)

RENEW 1981: JOHNSON, Don, WD6FWE, 376 Juniper Av #24, Carlsbad 13 F5

CHANGES: HELMS, Leon, WA5BNH, 10153 Ambassador Av, San Diego 39 D3
HUME, Dick, WB6MMR, 554 Lynette Cir, Vista 11 C3

Sure would be nice if, when you move, you would provide the club with a change of address before we get it from the Post Office - they charge us 25¢ for each one. That's 10% of our subscription price!

ARRL BULLETINS OF INTEREST (NO DOUBT) BRIEFED FOR US BY N6AT:

Bulletin 124 of December 14 said that effective December 21, 1979, amateurs must have their original license or a photocopy in their possession when operating an amateur station.

Bulletin 125 of December 14 said that effective January 21, 1980, Canadian amateurs visiting the U.S. and U.S. hams visiting Canada will no longer need a permit to operate within the restrictions of their home country license and within the restrictions of their home country's rules and regulations.

Bulletin 130 of December 19 said the FCC has been directed to consider expansion of the Citizens Radio Service up to 27.54 MHz. Also under consideration is the possible use of VFOs and SSB. In addition, knowledge of FCC regulations may be required. Interested persons will have plenty of time to comment.

Bulletin 120 of November 28 said that due to budget cutbacks, the FCC will no longer be able to conduct amateur radio examinations at conventions.

THE EXECUTIVE COMMITTEE met on December 18th, and heard a report that the Flea Market Committee, chaired by Len, WD6BGB, has a proposed set of rules drawn and is actively investigating four locations for the flea market. The Executive Committee voted to direct the Treasurer to provide up to \$200 to the Flea Market Committee.

It was also decided to place Emily Wolfe's suggestion that the club provide an annual \$100 scholarship to a worthy Palomar or Mira Costa College student before the membership, recommending approval.

A new club roster will be published early in 1980.

The Executive Committee decided to donate some used but serviceable coax to the new Red Cross building in Oceanside.

Charley, WB6ZJZ, announced that Gary Sinn, KØMLR, and Jack Carlson, K8WEN, would co-chair the Prize Committee; Boyd Casey, KA6CRI, and Mickey Jenkins, WA6WQI would co-chair the Refreshment Committee; Len Daugherty, WD6BGB would chair the Flea Market Committee; John Kuivinen, WB6IQS, would chair the Repeater Committee; and Jane & Bob Rice, AD6Z & WB6OZT, would co-chair the Interference Committee.

WEATHER REPORTING

The U.S. Weather Service is still interested in getting reports of unusual or severe weather conditions from amateurs throughout the county. In an effort to provide more meaningful information to the NWS, reporting stations should give their Thomas Brothers Map coordinates. If you don't have access to a Thomas Brothers, Joe, WB6HMY, can provide you with your coordinates. Joe will again be the station to collect reports and forward them to the Weather Service. Joe says that in his absence, W6VCE, W6TET, WB6JSM, or WB6MDD may be contacted for relaying reports to the National Weather Service. Oil up your thermometers, empty your anemometers, and wind up your rain gauges, and get all set to help out.

As the SCOPE was going to press, Charley, WB6ZJZ; Jeff, K6YUH; and Bob, WB6OZT were planning on letting children in Tri-City Hospital talk to Santa Claus via HTs and WR6AII. Santa Claus reportedly is kindly old Walt Lockhart, W6SCI. Oh, well, so much for childish illusions. The legend of St. Nick will never be the same!

No Christmas party this year. Makes me very happy since I didn't have to miss it. Bah, Humbug!

DOWN THE TOOBE

Dick Lee, W6EZ, is at home recovering from his latest stroke. Dick's having some trouble operating his rig, but he does a lot of listening, his XYL says.

Bob Heitger, WA6KZN, is home and recuperating from coronary bypass surgery, which was done at the Naval Medical Center in San Diego. They had scheduled Bob's surgery for right after the New Years holiday, but they sneaked up on him - giving him no time to worry - and did the job in late November or early December.

It certainly is heartening to see so many of our newer amateurs stepping up and taking positions of responsibility in the club. We should all be willing to bear a hand in support of the club's activities. There is a wealth of experience and knowledge in the club which should be exercised to make the club a better one. Getting the flea market back into operation will require lots of folks to help Len, WD6BGB, and his committee. The club table at the flea market provided a major source of revenue for the club. Let's get it rolling and keep it rolling.

Jay, W6FAY, isn't really interested in ham radio as a hobby, he just likes to trade off his entire station and put a new one in. He's worse than a pedestrian going through a change of lights. Now he's sold his "Ultimate Station" which was a Collins S-Line, but we haven't heard what he's put in in place of it, but you can be sure we will!

The North County Traffic Net (nightly at 2000 local on WR6AII) is doing its share in handling traffic within the county. Had 18-19 pieces one night near Christmas.

K6EJO is reportedly alive and well and driving a tanker in Tijuana.

Bill Jago (forgot what his W7 call is) was in the area, getting some of the moss scraped off of the north side during the holidays. Bill must have brought some of the Oregon rain with him!

Dick, WB7NFH, had a narrow squeak just before Christmas when southbound on I-5 near Del Mar he met a wrong way drunk coming at him at high speed. Dick hit the shoulder and called for help on the repeater. The wrong way fellow had made a U-turn and headed south erratically. Dick followed and reported the drunk's position, and the CHP was finally able to get him corralled in downtown San Diego near the Coronado Bridge interchange. Thanks to those who helped Dick.

We are now mailing out about 250 copies of the SCOPE, and our club membership is in the vicinity of 240+ with those new members listed in this issue. Our present printer's rates are very reasonable, so with any luck we shouldn't have to raise our dues and subscription prices. Now as for gasoline.....

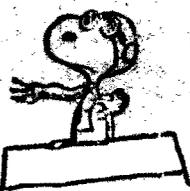
Thanks to Jane, AD6Z; Joe, WB6HMY; Walt, W6SCI; Frank, N6AT; and Phil, K6ROR all of whom provided copy for this thing (I just put that in there so that I don't have to take all of the blame.

Hope you've all had a very fine holiday season and that 1980 is all that you wish.

"That's all", she wrote.

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92008

NORTHERN SAN DIEGO COUNTY

W6NWX
WR6AII
SCOPE

VOL. XV, NO. 2



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

FEBRUARY, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership dues to the good old Palomar Amateur Radio Club are \$7.50 per year with no initiation fee - and it includes a subscription to the SCOPE whether you want it or not. Family memberships are \$7.50 for the first one and \$5 for each subsequent family member living at the same address. For those of you who are hooked on the SCOPE but don't need to exercise your franchise (don't feed it so much and you won't have to exercise those calories off), you may have the SCOPE for \$2½ per year. (Yes, we actually do have folks crazy enough to flat-out subscribe to this thing - most of them are Rhode Islanders or Texicans and the like - so don't sell us short if you HAVE to sell us at all!) Come-what-may, make your check payable to the Palomar Amateur Radio Club; and get it to Jim Church at the P.O. Box address above, or hand it to good ol' Jim at the next tar and feathering you and Jim attend together. Jim may not exactly dance for joy over your offering - but what can you expect from a treasurer who's had the job for the past nine years? He will, however leap with alacrity to deposit your check before you can stop payment on it - afterall, he's had those nine years of experience at the job.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output frequency of 146.730 MHz; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz. Both are carrier operated, and are for club members and occasional transient users. The 2M machine is located on Mt. Palomar; and the 450 repeater is with the great stone face, high atop Mount Flushmore, north of San Marcos.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900.

John Kuivinen, WB6IQS, is the clubs Repeater Committee Chairman. John will be underjoyed to hear all of your comments about how to improve the repeater without actually doing any of the work yourself.

The February meeting of the Palomar Amateur Radio Club will, without fail, no doubt probably take place at 7:30 post meridian on Wednesday, the 6th (of February perchance), in the Community Room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in sunny Veesta. Our Vice President and Program Chairman will probably be at the meeting to tell us what the program will be. A grand time will be had by all - OR ELSE!

At the last club meeting, 52 of us members and four guests were present to enjoy the great coffee and cake served by WA6WQI and KA6CRI; and the interesting presentation by Paul Hower, WA6GDC, concerning the Techniques of Direction Finding. During the business meeting, WB6ZJZ reported that the club picnic will take place on August 10th in San Dieguito Park. WB6IQS reported that the club needs solid state 450 MHz transmitter and receiver strips for repeater control purposes. John also asked the members' assistance in helping to locate jammers by make note of the time, strengths and directions (when available) of jamming signals on the repeater input. AD6Z announced that the Saturday night T-hunts would start at 5:00 p.m. The club, at the instigation of WA6KEY, voted to buy a 220 MHz antenna and coax for installation in the Oceanside Red Cross building. A 2M antenna is being donated to the Red Cross by WA6QQQ.

Jim Church still has a batch of badges which haven't been picked up yet. All of you badge-of-the-month club folks see Jim at the February club meeting and pick up your badge or else - no doubt.

Having an identity crisis? See Jim Church, K6\$LA, and order your very own cheapy Palomar Amateur Radio Club OFFICIAL badge with your personal name and call sign all spelled right out for every one to see. If you can figure out who in the blue-eyed world you are, let Jim know, slip him the proper number of dollars and he'll do the dirty deed and order your badge from the Cheapy Badge Co.

If you're enlisting or reenlisting in the American Radio Relay League (ARRL) and can get up the gumption to do so via the PARC, the club will get \$1.50 that would otherwise go to sweeten the kitty at Gnuington (CT 06111, that is). Make checks payable to the Palomar Amateur Radio Club, and get them to Jim Church along with your QST mailing label and renewal card if you're reenlisting. The tab is \$18 per annum (or yearly - whichever comes first) with no time off for good behavior. It's \$18 per year, no matter for how long you ship over, so reenlist yearly and the club will get \$1½ each year, and it won't cost you a smidge more - \$18 either way.

FORESAIL: (That's a jib, son - not a martini, see)
Hewlett Packard 400D VTVM, HP 200CD audio oscillator, HP 425A microvoltammeter, Collins 30L1 linear amplifier, Collins 75S3-B hf rx, Swan ST-1 antenna tuner. Call Dick, WA6SCV, at 757-7048.

Direction finding dopple scanner, assembled, tested and operating. Includes 4' diameter groundplane with antennae, \$150. Receive only Mite teleprinter. Atlas 210X hf xcvr w/portable AC pwr supply and DD-6 digital dial. Call Les, W6JSL, at 726-1313. If an old goat answers, that's the place - hang in there.

KDK 2M FM xcvr 144-148 MHz, fully synthesized, 1 or 15 watts output, in mint condx. Call Joe, WB6HMY, at 722-6054. If Chico answers, bark back.

Drake Touchtone mike. Call Russ, WB6STZ, at 583-3927.

Moving. Must sell complete antenna system. Mosley TA-33 Sr. with CDE 44 rotator and control, complete with RF and rotator cables. Tristao crank-up mini-mast, complete with raising fixture. Best offer for package. Call Frank, KB6RV (WD6CLG), at 941-4335 or drop card to P.O. Box 400, Vista, CA 92083.

Regency 2M FM handy-talky w/carrying case, charger, rubber ducky, xtals for 13/73, 34/94, 28/88, 04/64, 52/52, 22/82, and other goodies. Call Fred, WA6KEY, at 726-3907.

Collins R-390 digital dial HF general coverage receiver, w/manual. Call Ralph, K6HAV, at 727-5866.

WANTED: (Start houted men.)

Base stations with directional antennas to take part in the club's T-hunts. Talk to AD6Z or W6SCI on the repeater.

Changes of address from members and subscribers who move their dwelling places. It costs the club \$¼ each time the P.O. performs the notification of change of address, and then the club has to put a 15¢ stamp on the returned newsletter. Please, if you move, let the club know about it. Lots of folks on the repeater will be glad to take your gnu address and pass it to the Gint Computer. Or call Phil, K6ROR, at 724-0098 and he'll let the aforementioned Gint etc. know all of the sordid or assorted facts.

OUR REPEATER COMMITTEE CHAIRMAN SAYS: Beware! You may be the next to receive the Alligator Alliance of America award, which is given to those who tie up the repeater, time it out, etc, etc.

The interference you may be hearing on the repeater is the output from another repeater in Orange County. We are working on correcting it, but don't expect miracles overnight.

OUR NORTH COUNTY EMERGENCY COORDINATOR, WB6HFE, SAYS: There is expected to be a disaster drill in the Northern District of San Diego County on Thursday, 14 February, 1980. It is expected to be fairly extensive relative to mos disaster agencies and ARES personnel are asked to provide communications.

All amateurs wo are sincerely interested in assisting and becoming involved should listen in for details each Sunday on the regular Sunday morning ARES roll call at 0830 on WR6AII.

THE EXECUTIVE COMMITTEE OF THE PALOMAR AMATEUR RADIO CLUB meets the second Thursday of each month at 7:00 p.m. at Sambo's on Broadway in Vista. Club members are welcome to observe.

The Executive Committee met and heard reports on the club's scholarship award (details from WA6ZKC at the club meeting), the reactivation of the flea market - it's coming along, and various other subjects. A grand time was had by all, probably. No secret stuff was discussed.

Mickey, WA6WQI, says that at the February club meeting there will be coffee and cupcakes instead of coffee and donuts. Inside six of the cupcakes will be a free raffle ticket for the raffle at the end of the club meeting. She also points out that donations for coffee should be no less than 25¢ (we paid 43¢ at the Executive Committee meeting at Sambo's last night!). Let's all pay attention and support the coffee mess generously, por favor.

ARRL BULLETIN OF INTEREST - probably
Bulletin 1 of January 2 said: A reminder to all traffic handlers that the up-dated ARRL numbered radiograms are now in effect. A revised list appears on Page 27 of December QST and supercedes all previous lists. Copies of the updated ARRL numbered radiogram texts are available from headquarters. Send a SASE with a request for form CD-3.

NUDE AND REGNUED CLUB MEMBERS, SCOPE SUBSCRIBERS, ETC.
RENEWED THROUGH 1984: Gene Marygold, K6EJO.

RENEWED FOR 1980; Francis Duffy, WD6HCJ; and Frances Taylor, WA6POO.

NEW FOR 1980: Barber, John, K6QCW, 3761 3rd Av, Apt K, San Diego 30 A5
Campbell, Floyd Jr, N6BLQ, 8732 Hebrides Dr, San Diego 39 E3
Demos, Ted, KA6HMR, 1824-B Ivy Rd, Oceanside 13 F1
Felton, Bob, K7WLX, 4803 Neblina Dr, Carlsbad 14 B5
Gillingham, Lew, K6VJL, 816 Willow Tree Ln, Fallbrook
Kral, Franklin, K6BQ, 1420 Ridgeback Rd, Apt G, Chula Vista

RENEWED FOR 1981: Doc Hawkins, K6RY.

CHANGES: Woodhouse, Sam, W6QWH, P.O. Box 208, Vista

RENEW LICENSE 4/80: Frank Williams, W6MIR

NEW SCOPE SUBSCRIBER: Joe Silveira, WA1CSO, Newport, R.I. (See, tol' ya!)

The National Weather Service at Lindbergh Field was very pleased with our weather reporting during the early January and late December storms. If you haven't rewound your rain gauges, please do so before the next rains come along. The NWS is interested in hearing your location, rainfall for the period 11 a.m. to 11 a.m., wind direction and velocity, and any extra heavy rainfall like one or more inches per hour. Reports to Joe, WB6HMY, on WR6AII at 10:45 a.m. Your location should NOT be in Thomas Brothers Guide coordinates, simply say North Oceanside or East Vista, etc. You should keep up the good work, undoubtedly.

DOWN THE TOOBE:

Sure was good to see Bob, WA6KZN, at the last club meeting - and again, having a bad fat attack at Marco's in Vista. The by-pass surgery sure was the ticket.

We're sorry to see Wendell, WD6BEH, leave the scene for the Castaic area where he has become the Manager of the Castaic Filtration Plant. Wendell was very active in the club and was always quick to help with refreshments, flea market, field day, etc.

Joe Silveira, WA1CSO, who visited the area for a month or so and was a very regular check-in on the club's North County Traffic Net, sent the club a nice letter saying how much he enjoyed the repeater, the folks on it, and the traffic net. Joe very kindly sent \$10 along to help support the repeater. He has now flown the coup back to Rhode Island. We enjoyed having Joe on the net with the traffic he generated and his excellent traffic handling.

Art Rowe, K6ABG, formerly a Vista resident, was back in the area visiting friends shortly after New Years.

Oscar, W6BIH, says that he enjoyed SAROC, but that it was different with no cocktail parties. He says he didn't win any prizes and did see about five club members there

Gene Holzenberg, K7PQ (formerly WB6PFO) visited Doc, K6RY, and others in the area after SAROC, according to Bob, WA6KZN, whom Gene and his XYL, Grace, visited here. Gene must be remembering to turn around every so often as there's no evidence of moss on the north side, so I hear.

Not only has Gene, K6EJO, become a tanker driver in Tijuana, but he's now an expert on fuel filters and their place in the fuel system. There's an element of truth in this - and an even smaller element in the fuel filters Gene's become an expert in. The truth of the element is that if you want to have trouble from dirty fuel, put on a fuel filter and watch how quickly it clogs up.

We predict that K6HAV will have his tower up by the time this gets to you - and give it some time, or if you have to, read it again - it'll get to you.

Jim, W6IPP, had a short stay in the hospital to get some barnacles removed or some such.

Folks who may remember Jim, W6GDG, in Escondido will be pleased to know that he's still alive and well. We hadn't seen Jim's telephone pole and beam just to the east of the freeway at the south end of Escondido, and asked Hal, WB6TDA, to check on Jim. Hal did and was kind enough to let us know that Jim's still with us.

Bill, W6VTV, is busy supervising a construction project near his home in beautiful downtown La Jolla. Pretty good for a young one of 89!

Wonder what's that feebly growing down on W6JSL, Les', chin? He's really beginning to look like an old goat - too.

Mike, W6AAM, manages to make it into the repeater every Sunday morning for ~~net~~ all the way from Costa Mesa. It's a long haul, but you're still holding the repeater on ok, Mike.

Mel, W5ULU, was finally vindicated in his prediction that Collins had not gotten out of the ham field and would put out some new ham gear. Mel ought to know since he works for Collins - but it sure took a long time, Mel.

Our treasurer has had the job for nearly nine year and the editor's been putting this thing in the hands of the postal inspectors for over seven.

Thanks to all of those who have contributed to this issue and to those who will help fold, spindle and mutilate it. Deadline for next month is 2/20.

"That's all", she wrote.

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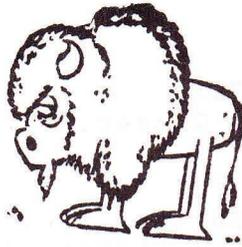
D
DON JOHNSON
WD6FWE 07/81
376 JUNIPER AVE NO. 24
CARLSBAD CA 92008

NORTHERN SAN DIEGO COUNTY

W6NWX

WR6AII
SCOPE

VOL. XV, NO. 3



THE PALOMAR AMATEUR RADIO CLUB

P.O. BOX 1603
VISTA, CA 92083

MARCH, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership in the Palomar Amateur Radio Club costs \$7.50 per year, but it'll only cost you \$3.75 if you join this month (your membership will end in July of this year) and if you're joining for the first time. For old members it costs \$7.50 per year no matter when you reenlist. There is no initiation fee. Family memberships are \$7.50 for the first family member and \$5 for each subsequent family member living at the same address. For your \$7.50, you get the SCOPE, whether you want it or not. For those sufficiently deprived of reason to want to subscribe to the SCOPE without joining the club, you may do so for \$2½ per year. Whatsomeever, make your checks payable to the Palomar Amateur Radio Club and get them to the P.O. Box address above or to Jim Church at the next club meeting. Jim will rush to the bank to cash it before you can change your mind.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz. Both are carrier-operated, and are for club members and occasional transient users. The 2M machine is located on Mt. Palomar; and the 450 repeater is high atop Mount Trashmore, north of San Marcos.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900.

John Kuivinen, WB6IQS, is the club's Repeater Committee Chairman. John is always interested to hear how he can fix the repeater more to your liking.

Undoubtedly, the March meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 p.m. on Wednesday, the 5th in the Community Room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in Veesta. The program for the evening will be presented by the Vista para-medics on the Jaws of Life. Since it's a life and death matter, we'll be there, come what may - unless it rains.

At the February club meeting we heard and saw an extremely interesting presentation on "Canned Sun", which told us all about how to plan our emergency power requirements using deep discharge batteries and photo-voltaic cells. Bill Classen, W6THR, gave the presentation which was accompanied by slides. One of the most interesting and informative talks we have heard.

The future of the flea mart was discussed and returned to committee. The prognosis for the continuation of the flea mart is not good to the state, county and local regulations involved.

See Jim Church and get your very own OFFICIAL Palomar Amateur Radio Club badge. If you want, it can have your name and call sign on it, just like the big guys have. Let Jim know you want one and give him a dollar or several and he'll put your order in to the Cheapy Badge Co.

Jim has badges for WD6ATX, N6AYQ, WD6CLG, WD6ENI, K4NLM, W7NWE, and KØPJ. Pick 'em up before Jim sells them to someone else.

The club's Executive Committee meets the second Thursday of each month at 7:00 p.m. at Sambo's on Broadway in Vista. Club members are welcome to observe.

Nothing of interest occurred at the last Executive Committee meeting.

ENLISTMENTS, REENLISTMENTS, CHANGES, ETC.

RENEW FOR 1982: Cassen, Frank, N6AT, & Glaser, Pete, W6OKG

RENEW FOR 1980: Sasser, Johnny, W6VQU

NEW FOR 1980: Akemann, Tony, WB6SMK; Burton, Doc, KA6DWU; Calvert, Chuck, KA6GRG; Caton, Jessie, WA6BZC; Clay, Jim, N6BFD; Dickey, Cliff, KB6UE; Gunsett, Jack & Rosemary, WA6OYU & WB6OYP; Nichols, Edith, K6AYJ; Sanden, Jerry, K6YCI; Tillman, Carl.

CHANGES: Demos, Ted, N6CKH, change call sign. Johnson, Don, WD6FWE, 722-0212, new phone number.

NEW SCOPE SUBSCRIPTION: Whatsamatta, you crazy?

If you're enlisting or reenlisting in the ARRL, do so via the club and the club will collect \$1½ which would otherwise go to the aforesaid ARRL. It won't cost you a red cent more, either. Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the club P.O. box, or hand them to Jim in person. Include your renewal card and QST mailing label if you're reenlisting. It will cost you \$18 yearly with no time off for good behaviour and no reduction for multiple year enlistments, so do it early and often and the club will get that \$1.50 each time.

FORESAIL:

VHF/UHF direction finding DoppleScanner, assembled, tested and operating. Includes 4' diameter groundplane with antennas, \$150. Receive only Mite teleprinter. Atlas DD-6 digital dials. Call Les, W6JSL, at 726-1313. If an old grouch answers, don't hang up - hang in there - that's the place.

ARRL BULLETINS OF INTEREST: (No doubt)

Bulletin 17 of February 13 said: The official station of the Winter Olympics Radio Amateur Network, WØRAN, is on the air for contacts until the end of the Winter Olympics at Lake Placid, New York. Frequencies and times are 14278 kHz at 1600Z, 7238 kHz at 1600Z, and 3729 kHz at 0000Z. For the special OlympicsQSL, send a SASE to K2DFS, RFD 1, Route 192, Saranac Lake, NY 12983.

Bulletin 18 of February 13 said: The new FCC rules permitting the use of ASCII teleprinter code, as described in ARRL Bulletin 12, go into effect March 17, 1980

The Palomar Amateur Radio Club has voted to give worthy student of Palomar College a \$100 scholarship. Bob Gonsett, WA6QQQ, through his Communications General Corporation, has matched that sum, and Les Clark, W6JSL, has added \$50. Anyone wishing to add to the scholarship fund can talk to Jim Church about it. The club will give the scholarship yearly.

The club still needs 450 mHz transmitter and receiver strips for the purpose of repeater control. The strips have to be solid state so that the repeaters can stay on the air when mains power is lost on the mountaintop and the repeaters shift to battery power. If you can help, get in touch with John, WB6IQS.

Weather reporting on WR6AII has gotten better and better. For those who are not aware of the program, we report rainfall during storms to the National Weather Service. Our reporting period is 11 a.m. to 11 a.m. Reports are made just before 11 to Joe, WB6HMY, and include information of wind direction and velocity when available. Location of the reporting station is included. The NWS has been very pleased with the reports received from the County's amateurs.

The March club meeting will again feature cupcakes with hidden treasure in some of them, according to Mickey, WA6WQI, the chief perpetrator of those goodies at the February meeting. Let's not forget to put enough into the coffee kitty to keep the pot boiling.

You all said you wanted a new club roster, so now you're going to get it, willy nilly. Cherish it. It's one of the benefits of having our records in the maw of the Gint Computer.

We're sorry to report that Clem, WB6IXQ, is in the hospital with a broken hip. Jay, W6FAY, has also been hospitalized, but confused the medicos, who couldn't figure out what his problem is.

"That's all", she wrote.

NAME - CALL - ADDRESS -	MEMBERSHIP EXPIRATION -	LICENSE EXPIRATION -	PHONE -	LOCATION (THOMAS BROS. MAP)
AKEMANN, TONY WBGSMK	3231 EICHENLAUB ST., SAN DIEGO CA 92117	07/88	278-3646	52 D2
ALLBRIGHT, LON W6SLF	8658 ENCINO AVENUE, SAN DIEGO CA 92123	07/88	278-4284	53 D5
ALLBRIGHT, SYBIL W6GIC	8658 ENCINO AVENUE, SAN DIEGO CA 92123	07/88	278-4284	53 D5
ALTENBERG, DON K6XL	1540 HARBOR DRIVE N. BOX 107, OCEANSIDE CA 92054	07/88		9 B4
AMES, RUSS WB6STZ	6594 SEAMAN STREET, SAN DIEGO CA 92120	07/88	05/82 583-3297	54 C5
BARBER, JOHN K6GCM	3761 3RD AVE APT K, SAN DIEGO CA 92103	07/88	299-5779	68 C5
BARTELS, HAROLD W6LUJ	1341 PHILLIPS STREET, VISTA CA 92083	07/88	05/83 726-2616	15 D1
BELFIELD, SCOTT K6GGE	17883 ABRA WAY, SAN DIEGO CA 92128	07/88	487-7885	33 A2
BELL, BOB N6VX	1926 ALEXANDER DRIVE, ESCONDIDO CA 92025	07/88	04/83 745-3722	22 E6
BERG, PETER K6GPT	1909 ARROYO AVENUE, OCEANSIDE CA 92054	07/88	726-8518	18 E4
BLOOD, MARSTON K6GAN	1195-55 LA MOREE ROAD, SAN MARCOS CA 92069	07/88	741-8559	21 E2
BORDEN, BOB WB6HDT	STAR ROUTE, RANCHITA CA 92066	07/88	12/83 782-3374	401 F5
BORN, MARYNARD K6EZO	12897 ELMFIELD LANE, POWAY CA 92064	07/88	487-7477	33 A2
BOURHENNE, ALMA WB6UNT	2825 CAMBRIDGE, CARDIFF BY THE SEA CA 92007	07/88	09/81 753-2542	29 B1
BOWERS, FRANK WB6CLG	245 LYON CIRCLE, VISTA CA 92083	07/88	758-7742	11 C6
BREGA, MIKE W6AAM	2387 WINDWARD LANE, NEWPORT BEACH CA 92660	07/88		
BROUILLET, PAUL WB6BRX	3131 MARY LANE, ESCONDIDO CA 92025	07/88	745-8878	23 E6
BROWN, BETTY W6KOC	726 CORDOVA STREET, SAN DIEGO CA 92107	07/88		63 A3
BROUINE, BOB W6JCG	2285 RANCHO DRIVE, SAN DIEGO CA 92139	07/81		72 B3
BURDETTE, SAM W6VYU	4718 WESTRIDGE DRIVE, OCEANSIDE CA 92054	07/88	09/82 726-2624	18 F4
BURTON, DOC K6DNV	637 RICHLAND ROAD, SAN MARCOS CA 92069	07/88	744-8482	16 E6
BYRD, ED W6TIO	6830 PETIT STREET, SAN DIEGO CA 92111	07/88	10/82 277-4871	53 B2
CALVERT, CHUCK K6GGR	1950 HARBOR DRIVE N., OCEANSIDE CA 92054	07/88	722-7423	9 B4
CAMPBELL, JOHN WB6HSZ	324 EAST DRIVE, VISTA CA 92083	07/88	724-1764	11 B4
CAMPBELL JR, FLOYD N6BLO	8732 HEBRIDES DR, SAN DIEGO CA 92126	07/88	566-5285	39 E3
CARLL, K. W. WB6AMN	4526 MT. HIGHPIKE PLACE, SAN DIEGO CA 92117	07/88		52 F1
CARLSON, JACK K6MEN	18990 PEGASUS DRIVE, SAN DIEGO CA 92126	07/88	566-2892	35 F6
CASEY, BOYD K6CRI	3485 DUNES PLACE, OCEANSIDE CA 92054	07/88		18 A3
CASSEN, FRANK N6AT	3989 RECHE ROAD, FALLBROOK CA 92028	07/82	728-8883	5K C5
CATON, JESSIE W6BZC	25295 JACKSON, MURRIETA CA 92362	07/88	677-6486	
CHAMBLESS, BURR W6UYD	P.O. BOX 335, SAN LUIS REY CA 92068	07/81	09/83 757-6878	18 C2
CHAMBLESS JR., BURR WB6UYC	P.O. BOX 335, SAN LUIS REY CA 92068	07/81	09/83 757-6878	18 C2
CHICO, EARL K6MM	525-166 W. EL NORTE PARKWAY, ESCONDIDO CA 92026	07/88		17 C5
CHURCH, JIM K6SLA	1220 DOLPHIN CIRCLE, VISTA CA 92083	07/88	11/81 726-3321	11 E4
CHURCH, RAY WB6PPB	1220 DOLPHIN CIRCLE, VISTA CA 92083	07/88	726-3321	11 E4
CLARK, BOB K6DNV	162 SHERRI LANE, OCEANSIDE CA 92054	07/88	722-8511	18 A5
CLARK, ILEAN ASSOC.	P.O. BOX 343, VISTA CA 92083	07/88	726-1313	11 D5
CLARK, LES W6JSL	P.O. BOX 343, VISTA CA 92083	07/88	726-1313	11 D5
CLAY, JIM N6BFD	18910 AVENIDA ROBERTA, SPRING VALLEY CA 92078	07/88		63 C4
COMER, ALAN ASSOC.	689 WASHINGTONIA DRIVE, SAN MARCOS CA 92069	07/88		21 E3
COMER, BRIAN K6FC	689 WASHINGTONIA DRIVE, SAN MARCOS CA 92069	07/88		21 E3
COMER, SUSAN G6MDE	689 WASHINGTONIA DRIVE, SAN MARCOS CA 92069	07/88		21 E3
COPLEY, DAWE W6NDM	1727 GREENTREE ROAD, ENCINITAS CA 92024	07/88	06/82 753-2685	22 B4
CORDREY, KEITH W6KUR	33 CANYON ISLAND DRIVE, NEWPORT BEACH CA 92660	07/88	08/81 759-8357	
CORLEW, DICK WB6ENL	3213 CAROLYN CIRCLE, OCEANSIDE CA 92054	07/88	757-9284	9 F4
CORNELL JR., MARTY K6NS	136 NIXON CIRCLE, OCEANSIDE CA 92054	07/88	07/83 758-8782	7 E5
COUNTRYMAN, BILL W6AEZ	2886 MACDONALD STREET, OCEANSIDE CA 92054	07/88	06/81 757-2528	9 F5
COUP, BOB WB6VJ	385 SKYLINE, VISTA CA 92083	07/88	726-4819	11 E5
CRISPELL, HAL W6TZV	4261 SANTA CRUZ AVENUE, SAN DIEGO CA 92107	07/88	03/82 223-9925	59 B5
CROSSMAN, PAT ASSOC.	3716 BLUEBIRD CANYON ROAD, VISTA CA 92083	07/88	727-5866	16 C1
CROSSMAN, RALPH K6HAV	3716 BLUEBIRD CANYON ROAD, VISTA CA 92083	07/88	727-5866	16 C1
CUBIC ARS. W6GGO	9233 BALBOA AVENUE, SAN DIEGO CA 92123	07/88		
DAUGHERTY, LEONARD WB6BGB	3465 DUNES PLACE, OCEANSIDE CA 92054	07/88	757-9317	18 A3
DEALY JR., BILL K6DXT	1282 CREST DRIVE, ENCINITAS CA 92024	07/88	05/82 753-2582	25 A5
DEAN, ROBERT WB6OXK	4716 MURAT PLACE, SAN DIEGO CA 92117	07/88		44 C6
DELLNER, CHUCK W6ZDA	388 LAS FLORES DRIVE, VISTA CA 92083	07/88	04/84 727-4112	15 F5
DENOS, TED N6CKH	1824-B IUV ROAD, OCEANSIDE CA 92054	07/88	433-4578	13 F1
DEVITT, NELL WB6ERF	4850 MIRA COSTA STREET, OCEANSIDE CA 92054	07/88	724-5898	14 E2
DICKEY, CLIFF K6GUE	1938 ENCINITAS ROAD #421, SAN MARCOS CA 92069	07/88	727-3294	28 E1
DODSON, JOANNE WB6FKY	2128 OXFORD AVENUE, CARDIFF BY THE SEA CA 92007	07/88	753-2346	29 C1
DOREY, PAUL W6EJL	1536 SUNBURY COURT, VISTA CA 92083	07/88	726-5381	15 E2
DUFFY, FRANCIS WB6HCJ	768 SONRISA STREET, SOLANA BEACH CA 92075	07/88	755-4797	38 A5
EARL, RON W6TYK	11372 IRONWOOD ROAD, SAN DIEGO CA 92131	07/88	02/83 566-1959	40 C3
ELLIOTT, BILL K6GAN	P.O. BOX 541, SOLANA BEACH CA 92075	07/88	755-4219	
ERICKSON, BILL W6SEU	4458 VERLEY COURT, SAN DIEGO CA 92117	07/88	292-5841	53 A1
ERICKSON, ERIC W6ZMX	4197 TERRY STREET, OCEANSIDE CA 92054	07/88	06/82 726-6386	10 E5
EVANS, BILL W6GLH	122 BELLERIVE DRIVE, VISTA CA 92083	07/88	07/81 724-7981	11 E5
EVANS, LOUISE WB6AUK	122 BELLERIVE DRIVE, VISTA CA 92083	07/88	07/81 724-7981	11 E5
FAUGHN, JIM WB6ENK	7229 SAN LUIS, CARLSBAD CA 92008	07/88	438-1875	19 C5
FELTON, BOB K7MLX	4883 NEBLINA DR, CARLSBAD CA 92008	07/88	729-5519	14 B5
FILKINS, FRED WB6ENJ	686 S. CLEMENTINE, OCEANSIDE CA 92054	07/81	02/83 722-6395	9 C5
FLYNN, VINCENT K6DAL	RFD 113-J, DEL MAR CA 92014	07/88	755-1699	

NAME - CALL - ADDRESS - MEMBERSHIP EXPIRATION - LICENSE EXPIRATION - PHONE - LOCATION (THOMAS BROS. MAP)							
FORBES, JACK	WG0P	2355 SAN CLEMENTE AVENUE, VISTA CA 92083		07/80	04/81	724-3218	12 A5
FOULGER, GORDON	ASSOC.	539 SAN DIEGUITO DRIVE, ENCINITAS CA 92024		07/80		753-3041	24 E4
FRUCHTMAN, MURRAY	W6HAM	6493 DUANE, SAN DIEGO CA 92120		07/80	02/83		54 A5
FUTTERER, CLEM	WB6IXO	1434 LA LINDA DRIVE, SAN MARCOS CA 92069		07/80		744-1386	20 F2
GARLOW, BRITT	WG6EU	1866 DAVIS DRIVE, FALLBROOK CA 92028		07/80	12/81	728-4540	5 E2
GARLOW, MARY	K60PG	1866 DAVIS DRIVE, FALLBROOK CA 92028		07/80	09/82	728-4540	5 E2
GATES, BOB	WB6TBA	1777 BUTTERS ROAD, CARLSBAD CA 92008		07/80	08/82	729-1976	14 A2
GIBBS, ALAN	WB1FEU	13213 CARRIAGE ROAD, POMAY CA 92064		07/80		486-1447	37 A4
GIBBS, CHARLEY	WB6ZJZ	3213 WARING ROAD, OCEANSIDE CA 92054		07/80	12/82	758-3666	14 E1
GILLINGHAM, LEW	K6UJL	816 WILLOW TREE LANE, FALLBROOK CA 92028		07/80		723-9894	5 ??
GILMOUR, BILL	WGUTV	P.O. BOX 1102, LA JOLLA CA 92037		07/80		454-2541	
GLASER, PETER	WG0KG	P.O. BOX 490, FALLBROOK CA 92028		07/82	02/83	728-8223	5 B4
GLASS, CHARLES	WGTOO	570 'H' AVE, CORONADO CA 92118		07/80		435-5060	65 A4
GOLDEN, CHUCK	WB6VUT	3001 LUANA DRIVE, OCEANSIDE CA 92054		07/80	05/82	724-1718	14 E1
GONSETT, BOB	W6G00	518 NEPTUNE AVENUE, ENCINITAS CA 92024		07/80	03/83	753-9133	24 C1
GORDON, HERB	WGKBD	17146 PACATO WAY, SAN DIEGO CA 92128		07/80	10/81	487-8246	33 A1
GRAHAM, BILL	W6GSI	16610 HIGHLAND VALLEY ROAD, RAMONA CA 92065		07/80		789-3937	33NB1
GROW, HARRY	NG6NM	919 DORIS DRIVE, ENCINITAS CA 92024		07/80	06/83	753-8193	25 A5
GUNSETT, JACK	W6G0YU	2672 DANIEL AVENUE, SAN DIEGO CA 92111		07/80			53 C4
GUNSETT, ROSEMARY	WB60YP	2672 DANIEL AVENUE, SAN DIEGO CA 92111		07/80			53 C4
HACKMAN JR., TED	K6DRB	STAR ROUTE 1 BOX 1263, KENAI AK 99611		07/80			
HADLEY, BOB	W6HPC	836 CAMINITO VERDE, CARLSBAD CA 92008		07/80		438-4397	19 C3
HALE, KEITH	NG6FC	1846 CLOVE STREET, SAN DIEGO CA 92106		07/80	06/83	222-4495	59 D4
HALLYBURTON, ALEX	WB6TOF	8339 ABBOTS HILL ROAD, SAN DIEGO CA 92123		07/80	02/82		53 D5
HARLAND, RAY	NG6ND	2602 MARY LANE, ESCONDIDO CA 92025		07/80	11/83	746-4584	28 A1
HARRIS, JIM	WD6FOO	4815 STEPHANIE PLACE, OCEANSIDE CA 92054		07/80		433-2160	7 D5
HARVEY, FLOYD	W6JSP	1195-33 LA MOREE ROAD, SAN MARCOS CA 92069		07/80	01/83	741-8391	21 E2
HARVEY, VANESSA	WB6BHE	1195-33 LA MOREE ROAD, SAN MARCOS CA 92069		07/80	01/83	741-8391	21 E2
HASELL, NATHANIEL W.	K2RTO	8847 KEREMEOS WAY, SAN DIEGO CA 92126		07/80		271-7744	35 F6
HAVINS, MIKE	WB6TBH	4852 TACAYNE DRIVE, OCEANSIDE CA 92054		07/80		757-4503	7 C6
HAWKINS, H. W.	K6RY	13450 SAGEWOOD DRIVE, POMAY CA 92064		07/81		487-2499	33 B2
HAWORTH, JIM	NG6MC	15101 HESTA STREET, POMAY CA 92064		07/80		271-6933	33 A5
HAYNES, RAY	K6SX	P.O. BOX 192, VALLEY CENTER CA 92082		07/80	05/82	749-1453	12MC3
HAYS, JESSE	W6G0MP	30412 LILAC ROAD, VALLEY CENTER CA 92082		07/80		749-1833	400 C4
HEITGER, BOB	W6KZM	1708 BONITA LANE, CARLSBAD CA 92008		07/80	08/83	729-4504	14 A3
HELMS, LEON	W6B8H	10153 AMBASSADOR AVE, SAN DIEGO CA 92126		07/80		436-8526	39 D3
HENKE, NEIL	WD6BOU	1650 SANDALWOOD LANE, CARLSBAD CA 92008		07/80	05/83	729-4602	14 A4
HIBBARD, BILL	W6NBR	P.O. BOX 193, JULIAN CA 92036		07/80			
HILL, DON	W1MZP	P.O. BOX 362, EL CATON CA 92022		07/80			
HILLER, HARVEY	WD6HCH	10652 GABACHO DRIVE, SAN DIEGO CA 92124		07/80		292-7623	46 C6
HODGES, RAY	W6AOP	169 HORIZON LANE, OCEANSIDE CA 92054		07/80	06/80	724-3916	14 F2
HOLLANDER, BOB	WB6IPJ	5006 SAN JACINTO CIRCLE, FALLBROOK CA 92028		07/80	02/84	728-2011	6 C6
HOLT, SAMUEL	NG6EX	719 REHA DRIVE, OCEANSIDE CA 92054		07/80	06/83	757-1739	7 D4
HOOD, CHARLIE	W6ZYZ	1328 ASH STREET, RAMONA CA 92065		07/80		789-1128	28PC1
HORRELL, MAURICE	K600F	1906 ALTA VISTA DRIVE, VISTA CA 92083		07/80	05/83	726-7111	11 E6
HOMES, SAM	W6VJC	3656 AGUA LANE, OCEANSIDE CA 92054		07/80		757-1498	14 C1
HUGGARD, DOUGLAS	WB6AJX	11369 TRAVIS PLACE, SAN DIEGO CA 92126		07/80		566-0304	35 E6
HUME, RICHARD	WB6MNR	554 LYNNETTE CIRCLE, VISTA CA 92083		07/80			11 C3
HUNT, LLOYD	W6TFB	1956 CALLE BUENA VENTURA, OCEANSIDE CA 92054		07/80	08/83	757-9374	10 C6
INSKEEP, CHUCK	W6IRM	631 S. CLEMENTINE, OCEANSIDE CA 92054		07/80	02/81	722-2201	9 C5
JENKINS, NICKY	W6W0I	4815 STEPHANIE PLACE, OCEANSIDE CA 92054		07/80		433-2160	7 D5
JOHNSON, DON	WD6FUE	376 JUNIPER AVE NO. 24, CARLSBAD CA 92008		07/81		434-4805	13 F5
JORDAN, F. C. B.	W60MM	P.O. BOX 1177, RANCHO SANTA FE CA 92067		07/80		756-2993	31 A3
KAMAN, JIM	W6IAP	1050 CREST DRIVE, ENCINITAS CA 92024		07/80		753-1090	25 A5
KELSO, TED	W6POO	1708 FAIRDALE AVENUE, ESCONDIDO CA 92027		07/80		746-8716	23 A1
KING, AL	W6SSL	16816 DOMINICAN DRIVE, SAN DIEGO CA 92128		07/80	04/81	485-6316	32 E2
KING, RICHARD	WB7NFH	626 MONTEREY DRIVE, OCEANSIDE CA 92054		07/80		722-9655	9 C4
KIRKPATRICK, CLAUDE L.	W60UE	1744 PACIFIC BEACH DRIVE, SAN DIEGO CA 92109		07/80		273-9735	52 A5
KNOTTS, DICK	WD6UKL	768 SOLANA CIRCLE EAST, SOLANA BEACH CA 92075		07/80			38 A5
KOKASKA, FRED F.	NG6G	13843 RECUERDO DRIVE, DEL MAR CA 92014		07/80		755-8702	34 B4
KOKASKA, FRED J.	WD6FHS	13843 RECUERDO DRIVE, DEL MAR CA 92014		07/80		755-8702	34 B4
KRAL, FRANKLIN	K6BO	1420 RIDGEBACK ROAD APT G, CHULA VISTA CA 92010		07/80		421-1746	
KRAMER, ED	W6ZLU	1551 E. HILLCREST LANE, FALLBROOK CA 92028		07/80	08/84		5 D2
KREBS, RUSS	W6HZJ	3909-108 RECHE ROAD, FALLBROOK CA 92028		07/80	03/82	728-8925	5KC5
KREYSLER, BILL	W6BTH	3566 WILCOX STREET, SAN DIEGO CA 92106		07/80		224-5296	64 B1
KREYSLER, KATHY	K6AMP	3566 WILCOX STREET, SAN DIEGO CA 92106		07/80		224-5296	64 B1
KUHLEMEIER, BUD	W6BMO	4010 TRIESTE, CARLSBAD CA 92008		07/80	06/82	729-5531	14 B3
KUIVINEN, JOHN	WB6IOS	1216 MARIPOSA COURT, VISTA CA 92083		07/80	03/83	724-8300	11 E3
LAPOINTE, JOE	WB6HMY	188 EVERGREEN PARKWAY, OCEANSIDE CA 92054		07/80	10/83	722-6054	13 D3
LAUIGUEUR, ED	WD6DBT	6435 FLAMENCO ST, CARLSBAD CA 92008		07/80		438-1630	20 C3
LEAK, EARL	K6CLU	1242 GRANDVIEW ROAD, VISTA CA 92083		07/80	02/82	724-2827	11 F3
LEE, CHET	W6VME	12702 ABRA DRIVE, SAN DIEGO CA 92128		07/81		487-3454	33 A2

NAME - CALL - ADDRESS -	MEMBERSHIP EXPIRATION -	LICENSE EXPIRATION -	PHONE -	LOCATION (THOMAS BROS. MAP)
LEE, G. R. "DICK" W6EZ	650-67 S. RANCHO SANTA FE RD, SAN MARCOS CA 92069	07/80	727-4021	20 F1
LEE, GAYLE AK6Z	2907-51 S. SANTA FE, VISTA CA 92083	07/80	11/83 727-1220	16 A4
LEVENSTEIN, LARRY W6BYBF	5802 CORRAL WAY, LA JOLLA CA 92037	07/80	454-5165	52 A1
LEVESQUE, WILL W2FAW	7722 ANILO WAY, CARLSBAD CA 92008	07/80	08/82 436-3277	25 B1
LINCOLN, WARREN W6EYP	1286-88 DISCOVERY ST, SAN MARCOS CA 92069	07/80	744-5097	16 D6
LLOYD, TOM W60DY	5931 CITADEL CIRCLE, LA JOLLA CA 92037	07/80	459-7521	52 A1
LOCKHART, WALT W6SCI	2415 MARK CIRCLE, CARLSBAD CA 92008	07/80	09/80 729-7846	14 C3
LUHN, HOE W6UCH	109 GRANGEMAN, MARSHALL TX 75670	07/80		
LYONS, ALLAN W6CAX	3650 CAMPUS DRIVE, OCEANSIDE CA 92054	07/80	05/81 757-2610	14 C1
MAHAFFEY, TULLA K6AMH	2082 MOUNTAIN VIEW DRIVE, ESCONDIDO CA 92027	07/80	743-8729	23 C2
MAHAFFEY, WILLIAM K6ADUN	2082 MOUNTAIN VIEW DRIVE, ESCONDIDO CA 92027	07/80	743-8729	23 C2
MALONEY, JIM W7AME	2326 HOGAN WAY, OCEANSIDE CA 92054	07/80	722-3053	14 B1
MANDY, BILL W6HFG	2425 MELODY LANE, YUMA AZ 85364	07/80	726-4147	
MARYGOLD, GENE K6EJO	442 SMILAX ROAD, VISTA CA 92083	07/84	727-0811	15 F4
MAXSON, ROY W6DEY	221 KNOLL ROAD, VISTA CA 92083	07/80	04/82 744-0096	11 B5
MAYES, PETE W660BH	1700 KINGLET ROAD, SAN MARCOS CA 92069	07/80	05/82 744-6213	20 D3
MAYNARD, GEORGE K6RTO	643 PLUMOSA AVE, VISTA CA 92083	07/80	727-2374	15 E4
MCCLUSKEY, PAUL W6BRF	1718 BELLE MEADE ROAD, ENCINITAS CA 92024	07/80	09/80 436-2392	25 B5
MCCOMB, JEFF K6YUH	1212 MEMORY LANE, VISTA CA 92083	07/80	724-6159	11 E4
MCCORD, BILLY W6TBO	222 WASHINGTON STREET, VISTA CA 92083	07/80	06/82 724-3837	11 C5
MCDANIELS, RON W6CFY	970 QUAIL KNOLL ROAD, FALLBROOK CA 92028	07/80	05/82 728-4327	6 D2
MCGUFFEY, GALE W6CYX	7273 COURTNEY DRIVE, SAN DIEGO CA 92111	07/81	292-8550	53 C6
MCCLAREN, DAVID W6SHIJ	2330 MALEE DRIVE, VISTA CA 92083	07/80	03/83 758-0246	11 C2
MESSER, BILL W6VSA	219 ELDER AVENUE, CHULA VISTA CA 92010	07/81	420-3540	69 C3
MILLER, BUCK W6BUK	4517 SANTA MONICA AVE, SAN DIEGO CA 92107	07/80	224-0196	59 B4
MILLER, HELEN W6EZI	18529 PICO VISTA ROAD, DOWNEY CA 90241	07/80	02/84 729-4138	
MIRDAS, RICHARD W6RLC	2325 PASEO DE LAURA APT 325, OCEANSIDE CA 92054	07/80	439-0969	14 B2
MOORE, WADE W6A0Z	5019 OLD CLIFFS ROAD, SAN DIEGO CA 92120	07/80	12/82 287-6158	54 C4
NELSON, DON W6TKY	659 PARKER, OCEANSIDE CA 92054	07/80	07/82 433-0535	7 D4
NEUMAN, JOHN W6RTY	3630-D ADAMS, CARLSBAD CA 92008	07/80	05/82 729-3798	14 A4
NICHOLS, EDITH K6AVJ	1473 WINTERWARM DRIVE, FALLBROOK CA 92028	07/80	728-1717	6 E2
NORMAN, PAUL K6HZ	11793 LA COLINA ROAD, SAN DIEGO CA 92131	07/80	271-0991	40 D3
OLSEN, BOOTS W6JR	1212 CALLE JULES, VISTA CA 92083	07/80	726-1440	11 D4
PALMER, MIKE W6ENO	615 ADOBE CIRCLE, OCEANSIDE CA 92054	07/80	433-4082	7 D5
PALMER, WILLIS W6AFJ	1825 SUNSET DRIVE, VISTA CA 92083	07/80	09/82 726-2069	14 F1
PAPPENFORT, R. B. N6HV	P.O. BOX 1062, RANCHO SANTA FE CA 92067	07/80	08/82 756-2973	25 E5
PARNELL, TOM W6GIN	3070 BLENNKARNE DRIVE, CARLSBAD CA 92008	07/80	729-1011	14 A3
PARRISH, BILL W6UKK	715 DEL RIEGO AVENUE, ENCINITAS CA 92024	07/80	753-1808	24 E3
PASHOW, BUD W6BIR	ROUTE 5-2, JULIAN CA 92036	07/80		
PENEAU, GRACE W6TAX	2462 PRIMROSE DRIVE, VISTA CA 92083	07/80	727-3600	15 F3
PENEAU, JOHN W6TAY	2462 PRIMROSE DRIVE, VISTA CA 92083	07/80	727-3600	15 F3
POLLOCK, WENDELL W6BEH	P.O. BOX 351, CASTAIC CA 91310	07/80		
POOLE, ANDY K6UJ	1710 LEGAYE DRIVE, CARDIFF BY THE SEA CA 92007	07/80	753-0554	29 C1
PORTER, JACK K6EON	110 STEWART CANYON ROAD, FALLBROOK CA 92028	07/81	728-1824	5K D5
PRICE, JOHN W6A0L	1107 BUENA VISTA DRIVE, VISTA CA 92083	07/80	03/83 726-0234	15 C3
PRICE, LARUE W6A0K	1107 BUENA VISTA DRIVE, VISTA CA 92083	07/80	03/83 726-5590	15 C3
PRIEST, BILL W6MFO	3535-62 LINDA VISTA DRIVE, VISTA CA 92083	07/80	727-4279	15 F6
PUCIO, ANDY K6E0C	725 REQUEZA ST, ENCINITAS CA 92024	07/80		24 E5
PUGSLEY, GEORGE W6ZZ	1362 VIA RANCHO PARKWAY, ESCONDIDO CA 92025	07/80	06/80 747-8710	27 F2
PULLEN, CLINT W6SLV	2020 MONTE VISTA DRIVE, VISTA CA 92083	07/80	06/80 727-2002	11 A6
RAINES, EVA K6A0J	3520 CATALINA DRIVE, CARLSBAD CA 92008	07/80	05/83 729-6460	14 B3
RAINES JR., R. F. W6TAM	3520 CATALINA DRIVE, CARLSBAD CA 92008	07/80	02/82 729-6460	14 B3
RAMIREZ, TONY K6DYO	P.O. BOX 295, VISTA CA 92083	07/80		
RANNE, FRANK W6HFE	331 REDONDO DRIVE, OCEANSIDE CA 92054	07/80	757-9365	7 D6
RICE, BOB W60ZT	3130 MORNINGSIDE DRIVE, OCEANSIDE CA 92054	07/80	04/84 724-3558	14 E1
RICE, JANE AD6Z	3130 MORNINGSIDE DRIVE, OCEANSIDE CA 92054	07/80	03/83 724-3558	14 E1
RICE, R. E. "BOB" W60F	11807 MESA VERDE DRIVE, VALLEY CENTER CA 92082	07/80	749-0265	400 C4
RIVERA, BOB W6NNC	4166 LONNIE STREET, OCEANSIDE CA 92054	07/82	724-2383	10 E6
ROHRER, STAN W6FON	30311 CIRCLE R LANE, VALLEY CENTER CA 92082	07/80	749-0276	9KF5
ROUSE, HARRY A. W6JVS	328 CROUCH STREET, OCEANSIDE CA 92054	07/80	02/81 757-2260	9 E6
ROME, OCIE K6A0K	155-124 LAS FLORES, VISTA CA 92083	07/80	06/83 724-4779	15 A5
ROME, SHIRLEY I. K6A0L	155-124 LAS FLORES, VISTA CA 92083	07/80	06/83 724-4779	15 A5
ROULETT, GUY K6GAI	2813 TURNBULL STREET, OCEANSIDE CA 92054	07/80	06/83 757-1745	9 E5
SALTER, BILL K6GJD	1327 PHILLIPS STREET, VISTA CA 92083	07/80	12/82 726-2029	15 D1
SAMENFELD, WALT N6AVR	P.O. BOX 931, IDYLLWILD CA 92349	07/80		
SANDEN, JERRY K7YCI	13103 CAYOTE AVENUE, SAN DIEGO CA 92129	07/80	484-3508	35 F3
SASSER, JOHNNY W6V0U	1107 LAS FLORES DRIVE, CARLSBAD CA 92008	07/80	04/81 729-2119	13 F3
SAUNDERS, DICK W6MUD	3902 BEDFORD AVENUE, OCEANSIDE CA 92054	07/80	724-0323	10 D5
SCHNELL, FRED W60ZF	97 BLUE SKY LANE, OCEANSIDE CA 92054	07/80	724-0868	14 F2
SCHUTZE, PHIL K6ROR	2333 MALEE DRIVE, VISTA CA 92083	07/80	09/80 724-0098	11 C1
SHEPHERD, HOWARD W6US	P.O. BOX 308, DEL MAR CA 92014	07/80	08/81 755-9596	34 A4
SINN, GARY K6MLR	8733 PAGODA WAY, SAN DIEGO CA 92126	07/80	566-3982	39 E3

NAME - CALL - ADDRESS - MEMBERSHIP EXPIRATION - LICENSE EXPIRATION - PHONE - LOCATION (THOMAS BROS. MAP)

SMITH, ART	WGINI	4515 MELISA WAY, SAN DIEGO CA 92117	07/88	06/84	273-1120	52 D1
SMITH, GEORGE	KBSMI	1325 ROSELAWN STREET, NATIONAL CITY CA 92050	07/88	04/84		66 D6
SMITH, HERB	WAGQJD	866 POINSETTIA AVENUE, VISTA CA 92083	07/88		727-2988	15 F4
SPIEGEL, FRED "DOC"	WAGKEY	248 HAVEN VIEW LANE, OCEANSIDE CA 92054	07/88	08/82	726-3987	14 F2
SPRAGUE, ZANE	K6WK	434 GLENCREST DRIVE, SOLANA BEACH CA 92075	07/88		481-0594	38 A4
SPRINKLE, FRANK	WD6AXD	5757 LAKE MURRAY BLVD #25, LA MESA CA 92041	07/88		463-9143	55 B6
STAFFORD, JACK	WAGNGZ	1939 S. STEWART, OCEANSIDE CA 92054	07/88		433-4666	13 E2
SULLIVAN, HERB	NGAMF	516 MONTEREY DRIVE, OCEANSIDE CA 92054	07/88		722-5383	9 C4
SWADER, JACK	WAGDYU	1455-118 S. ALTURAS, FALLBROOK CA 92028	07/88		728-8064	5 B5
SWARTZ, TERRY	W6GRUP	383 W. INDIAN ROCK ROAD, VISTA CA 92083	07/88	04/82	758-3740	11 B3
TARR, HAROLD	K6UZ	6 BLUE SKY LANE, OCEANSIDE CA 92054	07/88	03/83	726-3579	14 F2
TEALE, JOHN	KAGCRB	P.O. BOX 559, SAN LUIS REY CA 92068	07/88		724-6463	11 D6
TILLMAN, CARL	KAGIAS	7148 HORNER STREET, SAN DIEGO CA 92120	07/88	01/85	582-3580	54 E4
TIPTON, FRANK	WAGHPP	765 ALTA VISTA DRIVE, VISTA CA 92083	07/88	10/83	726-3853	11 E6
TOTH, ALAN	W3SHC	4858 JOHNSON DRIVE, OCEANSIDE CA 92054	07/88		941-1599	14 D1
TRUAX, RED	W6BLK	7915 SHADOW HILL DRIVE, LA MESA CA 92041	07/81			62 C3
TUCKER JR., CRAIG	NGATO	1387 COUNTRY CLUB DRIVE, ESCONDIDO CA 92025	07/88	10/83	746-5878	22 A3
TUPANCY, OSCAR	W6BIH	1535 SUNRISE DRIVE, VISTA CA 92083	07/88		726-0459	11 E6
TYCE, ROLAND	W6HON	166 VIA DE LAURENCIO, CHULA VISTA CA 92010	07/88		422-1933	69 F4
TYRRELL, RAY	NGMY	826-17 SOUTH SANTA FE, VISTA CA 92083	07/88	09/82	724-8044	11 D6
UNDERWOOD, JOHN	K6OUU	6510 CARTWRIGHT STREET, SAN DIEGO CA 92120	07/88	07/82	583-1182	54 C5
ULVIEN JR., BILL	W6UDA	4850 JESSIE AVENUE, LA MESA CA 92041	07/88		286-9858	62 B2
WAGNER, DICK	W6SCV	1730 CALIFORNIA STREET, OCEANSIDE CA 92054	07/88	11/83	757-7048	13 E1
WANDSCHNEIDER, HERB	W6SUN	1029 S. NEVADA, OCEANSIDE CA 92054	07/88	02/84	722-2883	9 C5
WARD, BILL	W6ZFA	7555 CALOMA CIRCLE, CARLSBAD CA 92008	07/88	04/84	436-5212	28 C6
WARK, CHARLES	W6EJO	4832 VIA VALLE VERDE, RANCHO SANTA FE CA 92067	07/88		756-2897	38 E4
WATROUS, BOB	W6YIH	1083 HYGEIA AVENUE, LEUCADIA CA 92024	07/88		753-4704	24 D1
WATT, BILL	W6HYC	1733 S. DITHMAR STREET, OCEANSIDE CA 92054	07/88	07/82	722-2657	9 C5
WATTS, DONALD	K6DXG	3415 SAHARA PLACE, OCEANSIDE CA 92054	07/88		757-7952	10 A3
WAY, ED	W6EYX	896 N. GAMBLE STREET, ESCONDIDO CA 92026	07/88	08/80	745-4069	17 E6
WELLS, CLINT	W6SCP	1938-460 ENCINITAS ROAD, SAN MARCOS CA 92069	07/88		727-2227	20 E1
WENFNER, RUSS	K6CLK	5177 DON MATA DRIVE, CARLSBAD CA 92008	07/88	08/80	438-1512	14 D5
WHITE, JACK	W6SMP	82-276 WARRING WAY, INDIO CA 92201	07/88	08/81		
WICK, ARNE	W6GMP	615 ROSEMONT STREET, LA JOLLA CA 92037	07/88		454-4341	43 E4
WILLETT, ALLEN	N7AMR	1713 AVOCADO ROAD, OCEANSIDE CA 92054	07/88		433-8881	13 F1
WILLIAMS, FRANK	W6MIR	1841 LISA TERRACE, EL CAJON CA 92021	07/88	04/80	442-9325	57 A3
WILLIAMS, HARRY	W6TCI	1330 PHILLIPS STREET, VISTA CA 92083	07/88	11/81	724-3471	11 D6
WILLIAMS, JACK	W6ELL	2218 WINCHESTER, OCEANSIDE CA 92054	07/88		433-9176	9 E5
WILLIAMS, RICHARD	W6OBO	P.O. BOX 177, SAN LUIS REY CA 92068	07/88		757-3734	10 D1
WILSON, WES	W6UGG	2227 THUMBKIN LANE, VISTA CA 92083	07/81	05/82	724-0193	11 C2
WISE JR., BILL	W6OEZ	12428 POMERADO COURT, SAN DIEGO CA 92128	07/88	08/82	487-0787	32 F2
WOLFE, CHARLIE	W6DUS	1748 KURTZ STREET, OCEANSIDE CA 92054	07/88		757-0780	13 E2
WOLFE, EMILY	W6ZYC	P.O. BOX 592, SOLANA BEACH CA 92075	07/88	02/83	756-3320	26 A6
WOLFE, STAN	W6ZYD	P.O. BOX 592, SOLANA BEACH CA 92075	07/88	03/83	756-3320	26 A6
WOODHOUSE, S. A.	W6GMH	P.O. BOX 288, VISTA CA 92083	07/88	02/84	724-9482	11 C3
WORTH, JERRY	W6PJG	172 FRANCESCA DRIVE, OCEANSIDE CA 92054	07/88	02/82	439-0256	10 D2
WURZBURG, BOB	W6KAR	22 BLUE SKY LANE, OCEANSIDE CA 92054	07/88	11/82	724-7995	14 F2

WG6AM	BREGA, MIKE	WG6WE	KIRKPATRICK, CLAUDE L.	W6GKR	WURZBURG, BOB	W66STZ	AMES, RUSS
WG6EX	HOLT, SAMUEL	K6GDU	BURTON, DOC	W6KBD	GORDON, HERB	W66SUN	WANDSCHNEIDER, HERB
W66AEZ	COUNTRYMAN, BILL	K6GDU	CLARK, BOB	W6KEY	SPIEGEL, FRED "DOC"	K6SX	HAYNES, RAY
W66FC	HALE, KEITH	K6GXD	RAMIREZ, TONY	W6KOC	BROWN, BETTY	W6TAW	RAINES JR., R. F.
W66FJ	PALMER, WILLIS	K6GXD	WATTS, DONALD	W6KUR	CORDREY, KEITH	W6TAX	PENEAU, GRACE
K66AI	ROULETT, GUY	K67XT	DEALY JR., BILL	W6KZM	HEITGER, BOB	W6TAY	PENEAU, JOHN
W66AJX	HUGGARD, DOUGLAS	W6GYN	SWADER, JACK	W69LR	MIRDAS, RICHARD	W6TBA	GATES, BOB
W66MD	HARLAND, RAY	W6EJL	DOREY, PAUL	K66MI	SMITH, GEORGE	W6TBH	HAVINS, MIKE
W66MF	SULLIVAN, HERB	K6EJO	MARYGOLD, GENE	W6MIR	WILLIAMS, FRANK	W6TBO	MCCORD, BILLY
K66AMH	MAHAFFEY, TUULA	W6EJO	WARK, CHARLES	K6MLR	STINN, GARY	W6TCI	WILLIAMS, HARRY
N77MR	WILLETT, ALLEN	W6ENJ	FILKINS, FRED	W6MNR	HUME, RICHARD	W6TFB	HUNT, LLOYD
W66NM	GROW, HARRY	W6ENK	FRUGHN, JIM	G6MOE	COMER, SUSAN	W6TIQ	BYRD, ED
K66AJ	RAINES, EVA	W6ENL	CORLEW, DICK	W6MLO	SAUNDERS, DICK	W6TKY	NELSON, DON
K66AK	ROME, OCIE	W6ENO	PALMER, MIKE	K66DM	CHICO, EARL	W6TOD	GLASS, CHARLES
W66AK	PRICE, LARUE	K6EOC	PUCIO, ANDY	W66V	TYRRELL, RAY	W6TOF	HAILYBURTON, ALEX
K66AL	ROME, SHIRLEY I.	K6EON	PORTER, JACK	W6WZF	HILL, DON	W6TXK	EARL, RON
W66AL	PRICE, JOHN	W6ERF	DEVITT, NELL	W6NBR	HIBBARD, BILL	W6TZV	CRISPELL, HAL
W66AZ	MOORE, WADE	W6EYP	LINCOLN, WARREN	W6NFG	MANDY, BILL	W6UCN	LUHN, HOD
W66AP	HODGES, RAY	W6EYX	WAY, ED	W67NFH	KING, RICHARD	K66UE	DICKEY, CLIFF
W66AT	CASSEN, FRANK	W6EZ	LEE, G. R. "DICK"	W6SGZ	STAFFORD, JACK	W6UGG	WILSON, WES
W66ATQ	TUCKER JR., CRAIG	K6EZO	BORN, MAYNARD	W66NIJ	MCLAREN, DAVID	W6GUKL	KNOTTS, DICK
W66AUK	EVANS, LOUISE	W6EZI	MILLER, HELEN	W66NIC	RIVERA, BOB	W6GUNT	BOURHENNE, ALMA
W66AMC	HAMORTH, JIM	W6IFEU	GIBBS, ALAN	K66HS	CORNELL JR., MARTY	W66US	SHEPHERD, HOWARD
W66AMN	CARLL, K. W.	W66FHS	KOKASKA, FRED J.	W67ME	MALONEY, JIM	W66UJ	BARTELS, HAROLD
K66MP	KREYSLER, KATHY	W66FKY	DODSON, JOANNE	K66Z	NORMAN, PAUL	K66UZ	TARR, HAROLD
W66AYD	SPRINKLE, FRANK	W66FOO	HARRIS, JIM	W66GBH	MAYES, PETE	W66DA	ULYMEN JR., BILL
W66AYV	SAMENFELD, WALT	K66FPT	BERG, PETER	W66JOD	SMITH, HERB	K66UJ	POOLE, ANDY
K66AVJ	NICHOLS, EDITH	W66FON	ROHRER, STAN	W66KG	GLASER, PETER	K66UJL	GILLINGHAM, LEW
W66BEH	POLLOCK, WENDELL	W66FWE	JOHNSON, DON	W66MM	JORDAN, F. C. B.	W66UKK	PARRISH, BILL
W66BFD	CLAY, JIM	W66FWJ	LEVESQUE, WILL	W66OUP	HAYS, JESSE	W66UQU	SASSER, JOHNNY
W66BGB	DAUGHERTY, LEONARD	K66HN	ELLIOTT, BILL	K66UW	UNDERWOOD, JOHN	W66USA	MESSER, BILL
W66BHE	HARVEY, VANESSA	W66GIC	ALLBRIGHT, SYBIL	W66OYX	DEAN, ROBERT	W66UTU	GILMOUR, BILL
W66BIH	TUFANCY, OSCAR	W66GIN	FARNELL, TOM	W66OYP	GUNSETT, ROSEMARY	W66UYC	CHAMBLESS JR., BURR
W66BIR	PASHOM, BUD	K66JD	SALTER, BILL	W66OYU	GUNSETT, JACK	W66UYD	CHAMBLESS, BURR
W66BLK	TRUAX, RED	W66GLH	EVANS, BILL	W66ZF	SCHNELL, FRED	K66UEN	CARLSON, JACK
W66BL	WILLIAMS, JACK	K66GPN	BLOOD, MARSTON	W66OZT	RICE, BOB	K66UK	SPRAGUE, ZANE
W66BLQ	CAMPBELL JR, FLOYD	W66GOD	CLUBIC ARS,	W66PEU	GARLOW, BRITT	K76UX	FELTON, BOB
W66BNH	HELMY, LEON	K66GRG	CALVERT, CHUCK	W66PJG	WORTH, JERRY	W66WPO	PRIEST, BILL
K66BO	KRAL, FRANKLIN	K66HAU	CROSSMAN, RALPH	W66POQ	KELSO, TED	W66WUI	JENKINS, MICKY
W66BOU	HENKE, NEIL	W66HCH	HILLER, HARVEY	W66PPB	CHURCH, RAY	W66WST	GRAHAM, BILL
W66BRF	MCCLOSKEY, PAUL	W66HCJ	DUFFY, FRANCIS	W66QBO	WILLIAMS, RICHARD	K66AL	ALTENBERG, DON
W66BRX	BROUILLET, PAUL	W66HOT	BORDEN, BOB	K66CJW	BARBER, JOHN	W66YBF	LEVENSTEIN, LARRY
W66BTN	KREYSLER, BILL	W66HFE	RAMME, FRANK	W66DY	LLOYD, TOM	K7YCI	SANDEN, JERRY
W66BUK	MILLER, BUCK	W66HHC	TOTH, ALAN	W66GAEZ	WISE JR., BILL	W66YIH	WATROUS, BOB
W66BUQ	KUHLEMEIER, BUD	W66HMY	LAPOINTE, JOE	K66GOF	HORRELL, MAURICE	W66YJC	HONES, SAM
W66BXJ	COUP, BOB	W66HON	TYCE, ROLAND	W66GF	RICE, R. E. "BOB"	W66YME	LEE, CHET
W66BZC	CATON, JESSIE	W66HPC	HADLEY, BOB	W66GP	FORBES, JACK	K66YUH	MCCOMB, JEFF
KF6C	COMER, BRIAN	W66HPP	TIPTON, FRANK	K66PG	GARLOW, MARY	W66YUT	GOLDEN, CHUCK
W66CAX	LYONS, ALLAN	W66HOM	COPELY, DAVE	W66QOO	GONSETT, BOB	N6YX	BELL, BOB
W66CFY	MCDANIELS, RON	W66HSZ	CAMPBELL, JOHN	W66QNH	WOODHOUSE, S. A.	W66YVU	BURDETTE, SAM
K66GGE	BELFIELD, SCOTT	N6HU	PAPPENFORT, R. B.	K66ROR	SCHUTZE, PHIL	AD6Z	RICE, JANE
W66CKH	DEMOS, TED	W66HVC	WATT, BILL	K66RTD	MAYNARD, GEORGE	AK6Z	LEE, GAMLE
W66CLG	BOUERS, FRANK	W66HYH	FRUCHTMAN, MURRAY	K2RTQ	HASSELL, NATHANIEL W.	W66ZDA	DELLNER, CHUCK
K66CLK	WHENFNER, RUSS	W66HZJ	KREBS, RUSS	W66RTY	NEUMAN, JOHN	W66ZFA	WARD, BILL
K66CLU	LEAK, EARL	K66IAS	TILLMAN, CARL	W66RWP	SWARTZ, TERRY	W66ZJZ	GIBBS, CHARLEY
K66CRB	TEALE, JOHN	W66INI	SMITH, ART	K66RY	HANKINS, H. W.	W66ZKC	WOLFE, EMILY
K66CRI	CASEY, BOYD	W66IPJ	HOLLANDER, BOB	W66SCI	LOCKHART, WALT	W66ZKD	WOLFE, STAN
W66CYX	MCGUFFEY, GALE	W66IPP	KAVAN, JIM	W66SCP	WELLS, CLINT	W66ZLU	KRAMER, ED
K66DAL	FLYNN, VINCENT	W66IOS	KUIVINEN, JOHN	W66SCV	WAGNER, DICK	W66ZMX	ERICKSON, ERIC
W66DBT	LAUIGUEUR, ED	W66IRM	INSKEEP, CHUCK	W66SEV	ERICKSON, BILL	W66ZZZ	HOOD, CHARLIE
W66DEY	MAXSON, ROY	W66IXQ	FUTTERER, CLEM	K66SLA	CHURCH, JIM	W6ZZ	PUGSLEY, GEORGE
W66DG	KOKASKA, FRED F.	W66JOG	BROWNE, BOB	W66SLF	ALLBRIGHT, LON	ASSOC.	CLARK, ILEAN
W66DHP	WICK, ARNE	W66JR	OLSEN, BOOTS	W66SLY	PULLEN, CLINT	ASSOC.	COMER, ALAN
K66DRB	HACKMAN JR., TED	W66JSL	CLARK, LES	W66SPK	AKEMANN, TONY	ASSOC.	CROSSMAN, PAT
W66DUS	WOLFE, CHARLIE	W66JSP	HARVEY, FLOYD	W66SMP	WHITE, JACK	ASSOC.	FOULGER, GORDON
K66DUN	MAHAFFEY, WILLIAM	W66JVS	ROUSE, HARRY A.	W66SSL	KING, AL		

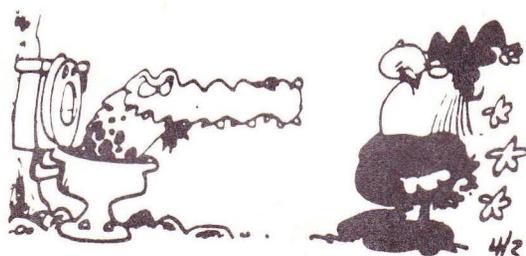
5 ??	K6UJL	11 B3	WBGRNP	14 C1	W6CAX	21 E3	ASSOC.	37 A4	WB1FEU
5 B4	W6KKG	11 B4	WBGHSZ	14 C3	W6SCI	21 E3	GMDC	39 D3	W6SENH
5 B5	W6DYU	11 B5	W6DEY	14 D1	W63HHC	22 A3	W6ATO	39 E3	W6BLQ
5 D2	W6ZLU	11 C1	K6ROR	14 D5	K6CLK	22 B4	W6GHM	39 E3	K6MLR
5 E2	K6GPG	11 C2	WBGHIJ	14 E1	W6ZJZ	22 E6	W6VX	40 C3	W6TKK
5 E2	W6PEU	11 C2	W6UGG	14 E1	W6VUT	23 A1	W6POO	40 D3	K6NZ
5K05	W6AT	11 C3	WBEMMR	14 E1	W6OZT	23 B6	W6GPF	43 E4	W6GDP
5K05	W6HZJ	11 C3	W6GMH	14 E1	AD6Z	23 C2	K6BPH	44 C6	W6GKX
5K05	K6EQH	11 C5	WBSTBA	14 E2	W6ERF	23 C2	K6DUN	46 C6	W6GHCH
6 C6	WB6IPJ	11 C6	W6CLG	14 F1	W6AFJ	24 C1	W6OOR	52 A1	W6VBF
6 D2	W6CFY	11 D4	W6JR	14 F2	W6GPF	24 D1	W6VIH	52 A1	W6ODY
6 E2	K6RYJ	11 D5	ASSOC.	14 F2	W6OZF	24 E3	W6JJK	52 A5	W6DNE
7 C6	WB6TBH	11 D5	W6JSL	14 F2	W6KEY	24 E4	ASSOC.	52 D1	W6INI
7 D4	W6EX	11 D6	K6CRB	14 F2	K6UZ	24 E5	K6ECC	52 D2	W6SMK
7 D4	WB6TKY	11 D6	W6MY	14 F2	W6KAR	25 A5	K6DXT	52 F1	W6AWN
7 D5	W6FOO	11 D6	W6TCI	15 A5	K6AOL	25 A5	W6AM	53 A1	W6SEU
7 D5	W6WCI	11 E3	W6IOS	15 A5	K6AOK	25 A5	W6IPP	53 B2	W6TIO
7 D5	W6END	11 E4	K6SLA	15 C3	W6AOK	25 B1	W6FUU	53 C4	W6GYP
7 D6	W6HFE	11 E4	WB6PPB	15 C3	W6AOL	25 B5	W6BRF	53 C4	W6OMU
7 E5	K6HS	11 E4	K6YUH	15 D1	W6UJ	25 E5	W6HU	53 C6	W6CYX
8K05	W6FON	11 E5	W6BXJ	15 D1	K6GJD	26 A6	W6ZKD	53 D5	W6SLF
9 B4	K6XL	11 E5	W6GLH	15 E2	W6EJL	26 A6	W6ZKC	53 D5	W6GIC
9 B4	K6GGR	11 E5	WB6AUK	15 E4	K6RTD	27 F2	W6ZZ	53 D5	WB6TGF
9 C4	W67NFH	11 E6	K6GCF	15 F3	WB6TAX	28 A1	W6AMD	54 A5	W6HYH
9 C4	W6AMF	11 E6	W6HPP	15 F3	W6TAY	28PC1	W6ZXZ	54 C4	W6AOZ
9 C5	W6GENT	11 E6	W6BTH	15 F4	K6EJO	29 B1	W6LNT	54 C5	W6STZ
9 C5	W6IRM	11 F3	K6CLU	15 F4	W6OJD	29 C1	W6FKY	54 C5	K6OMU
9 C5	W6SUN	12 A5	W6GF	15 F5	W6ZDA	29 C1	K6UJ	54 E4	K6IAS
9 C5	W6HYC	12MC3	K6SX	15 F6	W6MPO	30 A4	K6WK	55 B6	W6AYD
9 E5	K6BAI	13 D3	WB6HMY	16 A4	AK6Z	30 A5	W6HCT	57 A3	W6MIR
9 E5	W6BL	13 E1	W6SCV	16 C1	ASSOC.	30 A5	W6UKL	59 B4	W6BUK
9 E6	W6JVS	13 E2	W6HGSZ	16 C1	K6HAU	30 E4	W6EJO	59 B5	W6TZU
9 F4	W6ENL	13 E2	WB6DUS	16 D6	W6EVP	31 A3	W6OMH	59 D4	W6AFC
9 F5	W6AEZ	13 F1	W6CKH	16 E6	K6DUN	32 E2	W6SSL	60 C5	K6OCU
10 A3	K6CRI	13 F1	N7AMR	17 C5	K6MM	32 F2	W6OEZ	62 B2	W6UDA
10 A3	W6BGB	13 F3	W6UCU	17 E6	W6EYX	33 A1	W6KBD	62 C3	W6BLK
10 A3	K6DXG	13 F5	W6FVE	19 C3	W6HPC	33 A2	K6CGE	63 A3	W6KOC
10 A5	K6DUU	14 A2	WB6TBA	19 C5	W6ENK	33 A2	K6EZO	63 C4	W6BFD
10 C2	W6UYD	14 A3	W6KZN	20 C3	W6DBT	33 A2	W6VME	64 B1	K6AMP
10 C2	W6UYC	14 A3	W6GIN	20 C6	W6ZFA	33 A5	W6AWC	64 B1	W6BTH
10 C6	W6TFB	14 A4	W6BOU	20 D3	W6OBH	33 B2	K6RY	65 A4	W6TOO
10 D1	W6QBO	14 A4	WB6RTY	20 E1	K6GUE	33B1	W6WST	66 D6	K6MTI
10 D2	W6PTG	14 B1	W7NHE	20 E1	W6SCP	34 A4	W6US	69 C3	W6VSA
10 D5	W6HUO	14 B2	W6LRC	20 F1	W6EZ	34 B4	W6DG	69 F4	W6HON
10 E4	K6FPT	14 B3	W6BMO	20 F2	W6IXO	34 B4	W6FHS	72 B3	W6JCG
10 E5	W6ZMX	14 B3	K6AOJ	21 E2	K6GPH	35 E6	W6AJX	400 C4	W6GMP
10 E6	W6MNC	14 B3	W6TAU	21 E2	W6JSP	35 F3	K6YCI	400 C4	W6GF
10 F4	W6VYU	14 B5	K6ULX	21 E2	WB6BHE	35 F6	K6WEN	401 F5	WB6HDT
11 A6	WB6SLY	14 C1	W6VJC	21 E3	K6FC	35 F6	K6RTO		

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NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE VOL. XV, NO. 4



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

APRIL, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no initiation fee. It will only cost new members \$3.00 to join this month through the end of the club's membership year in August 1980. Reenlistments are \$7.50 per year no matter when you reenlist. Family memberships are \$7½ for the first family member, and \$5 for each subsequent family member residing at the same address. For your \$7.50 we force the SCOPE on you, willy nilly. Anyone whose type is sufficiently pried to want to voluntarily subscribe to the SCOPE without becoming a club member may do so for \$2.50. Come-what-may, make your check payable to the Palomar Amateur Radio Club, and get it to Jim Church at the P.O. Box address above. Jim will dance with Joy (if Joy is up to it) when he hears from you.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz; and a UHF repeater with an input of 444.425 and an output of 449.425 MHz. The 2 meter machine is located on Mount Palomar and the 450 rig is high on a windy hill north of San Marcos.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900.

Our PARC Repeater Committee Chairman is John Kuivinen, WB6IQS, who is always interested to hear how he can fix the repeaters more to your liking - especially when you volunteer to go to the mountain top with him to lend a hand in clearing brush or cleaning up the repeater site.

The April meeting of the Palomar Amateur Radio Club, will without fail, probably take place at 7:30 of the p.m. on Wednesday the 2nd at the Vista Branch of Glendale Federal Savings and Loan at the corner of Anza, East Vista Way and Vale Terrace in balmy Vista. Bring your home-brewed equipment for it's Home Brew Show and Tell night (that doesn't include all that wine and beer that some tanker drivers are cooking up - just electronic stuff.)

At the March club meeting we heard and saw a presentation by Dennis Chavez of the Vista Fire Department on equipment for the extrication of vehicle occupants under emergency conditions. The Vista Firefighters Association is soliciting funds to raise the estimated \$8,500 required for this new equipment. Bill, K6GJD, is coordinating an effort to have local businesses act as collection points and ham operators doing the picking up from these collection points.

WB6OZT asked that more base stations with directional antennas take part in the 2M T-hunt. N6AT discussed FCC Docket 80-1, which may endanger the amateur 220 MHz band (it doesn't, but a "typo" made it appear so). A letter from the Red Cross to the club, thanking us for our donation of an antenna and feedline, and for the communications assistance provided by club members during the recent rains was read to the meeting. The club's scholarship program was discussed, and President WB6ZJZ said that he expected to hear from SANDARC regarding the club's request for funds from the SANDARC treasury for the scholarship fund.

The Swan Electronics Division of Cubic Corporation is holding a parking lot sale of excess parts, used equipment, obsolete stuff and more in the Swan parking lot on Airport Blvd in Oceanside on Saturday, April 19th from 1000 to 1500. Everyone is invited.

At the March 13 meeting of the Executive Committee the future of the flea market was discussed, and W6JSL reported that the Women's Club of Vista had refused use of their parking lot for the flea market, but that he is going to attend their next meeting to plead our cause directly with the club. Rules and regulations for the flea market were approved.

WB6IQS reported that he had sent a letter to the Southern California Two Meter Coordinating Committee lodging a formal complaint against WA6NUD for its increased "visibility" in San Diego County on 146.730 MHz. The Pomona and Lancaster .13-.73 machines are also having interference from WA6NUD. WB6IQS made a motion that the club join the Southern California Repeater and Remote Base Association. The motion was carried.

The yearly \$200 scholarship will be awarded whether or not the club receives funds from the SANDARC treasury or from individuals or organizations. The funds received for the scholarship will be maintained separately by the club treasurer.

K6\$LA moved that the club purchase a foreign and U.S. Call Book this year for the use of club members to be available at club meetings. The motion carried.

Executive Committee meetings take place on the second Thursday of the month at Sambo's on Broadway in Vista at 7:00 of the evening. Interested members are welcome to observe.

Give Jim Church money and order your very own OOOFFICIAL Palomar Amateur Radio Club badge. It'll even have your own personal name and call sign - just like the big guys have on theirs. Jim will be glad to see you rush up to him at the club meeting and lay some green on him. He'll send your order right off to the Cheapy Badge Company from whence, eventually, your badge will come back to haunt you.

Jim has badges for N6ATX, N6AYQ, WD6CLG, KA6DWU, WD6ENI, KA6EOC, W6EYP, KA6GRG, K4NLM, KØPJ, K2RTQ, and WA6UKL. Better hurry and pick them up before Jim sells them to other folks for undercover work.

At the last club meeting the parking places nearest the door, which are marked for disabled parking were all taken up by the time that at least one of our wheelchair cowboys arrived. We sure hope that the folks who used them needed them more than W6JSL did. Let's try and keep at least two of the three for folks in wheelchairs.

NEW AND USED CLUB MEMBERS, SUBSCRIBERS (UGH), ETC:
RENEW FOR 1981: Kavan, Jim, W6IPP, and Olsen, Boots, W6HAW.

RENEW FOR 1980: Dewey, Bill, WD6AHW.

NEW FOR 1980: Albers, Luebbo, Assoc, 1014 Clearbrook Ln, Vista 11 D4
Quinn, Frank WB6UGH, 270 Mar Vista Dr, Vista 15 D2
Muncey, J.E., W6HUJ, 7227 San Bartolo, Carlsbad 19 C4
Peterson, Daniel, KA6JIT, 1459 N. Broadway #A, Escondido 10 E6
Wytman, John, WD6GIA, 3919 Sherbourne Dr, Oceanside 10 E6

CHANGES: Johnson, Don, WD6FWE, moved "I know not where" and it did cost the club 25¢. Thanks, Don. May you forever stay in the Gint Computer's enmity memory (that's a write only memory).

NEW SCOPE SUBSCRIBER: Lou Grill, WB6CQA.

LICENSES DUE FOR RENEWAL: 4/80 Frank Williams, W6MIR. 6/80 Ray Hodges, W6AQP; George Pugsley, W6ZZ; and Clint Pullen, WB6SLY.

If you're enlisting or reenlisting in the American Radio Relay League, do so via the PARC and the club will get \$1½ that would otherwise go to fatten the coffers in Gnington (CT 06111 - that is) and it won't cost you anymore than if you sent it directly to the associated relayers of American radios. Make your \$18 check payable to the Palomar Amateur Radio Club and get it to Jim Church at the next club meeting or send it via the U.S. Mail to the P.O. Box address in the masthead. If you're reenlisting send renewal card and QST mailing label. There's no time off for good behaviour, so it's \$18 a year. Do it yearly and the club gets \$1½ each time. Be nice.

FORESAIL: (Hope you're not mizzen the point)
Slowsan TV stuff, 2 cameras and 2 monitors. Call Mickey, WA6WQI, or Boyd, KA6CRI, at 433-2160.

Heath HW-101 HF XCVR, Heath SWR/wattmeter, power supply, and new Heath phone patch, antenna tuner. Call Dick, WB7NFH, at 722-9655.

From an estate: Atlas 350XL HF XCVR, w/311 VFO, pwr supply with phone patch and digital clock, \$950 firm. Call Les, W6JSL, at 726-1313. If an old grouch answers, don't hang up, hang in there - that's the place. Les also has a Mite RO page printer for sale - probably wants an arm and a leg for it.

Collins 32S-1 transmitter and 516F-2 power supply. Original owner, clean and in good operating condition w/speech processor and spare tubes. Worked over 300 countries with it, \$300. Yaesu FRG-7 communication receiver modified for forist class selectivity and performance by installation of Vernitron 2.k kHz ladder filter and digital readout, \$200. Call Francis, W6OOM, at 756-2993.

WANTED: Nothing. We've got all we can use.

The Palomar Amateur Radio Club has set up an annual \$200 scholarship to be awarded to a local community college student. Your contributions to the fund are welcome in any amount. See K6\$LA at the next club meeting.

Mickey, WA6WQI, says that the cupcakes (vice doughnuts) at the meetings have been very popular; and that she plans to continue them - some with raffle tickets in them.

ARRL BULLETINS OF INTEREST: (Hopefully)

Bulletin 29 of March 11 said: An apparent threat to the amateur band at 220 MHz has disappeared. On March 10, FCC issued a Third Errata to Docket 80-1 for a new automated inland waterways communication system. The Errata says in pertinent part, quote In paragraph 26 the phrase, 216 to 225 MHz band, is changed to read, 216 to 220 MHz, to be consistent with document as a whole unquote. No other references to the amateur band appear in the proposed rulemaking. There appears to be no reason now for amateurs to file comments in the opposition to the waterways proposal.

Bulletin 32 of March 12 said: The FCC has handed down a decision in the club, RACES, and military recreation station proceeding, Docket 21135. The Commission has decided that it will no longer license any new (repeat new) club, RACES or military recreation stations. However, FCC will continue to accept applications for renewal and modification of presently licensed stations. This decision, in effect, makes the temporary freeze imposed on the filing of applications for new club, RACES, and military recreation stations a permanent rule. Details will appear in May QST.

Thanks to Frank, N6AT, for the bulletins.

RECEIVED TOO LATE TO CALCIFY:

NEW CLUB MEMBER 1980: Henson, Melvin, KH6IBX, 3306 Yucca Av, San Diego 52 D2

CHANGE: Tyrell, Ray, N6MY moved to Nevada

DOWN THE TOOBE:

Luna Electronics of San Diego has bought the rights to manufacture the Atlas 210 and 215, according to W6JSL.

Jay, W6FAY, is back home and cluttering up the airwaves after surgery to put the roto-rooter through his right carotid artery. Jay says that he hasn't completely recovered but expects to go back to sea (Jay's always adrift) in May. Jay says he's solved the problems with the audio on his 2M rig - he bought a new mike complete with new rig attached. Way ta go, Jay. You sure do sound better now, and we're glad your medical problems have been taken care of.

Our club members certainly did themselves proud in providing emergency communications during the February flooding in San Diego County. We were able to provide the Red Cross with communications between their Oceanside office and the evacuation center set up at El Camino High School; and
(Continued - with any luck at all)

(Flood communications continued - no doubt) further south in the county as well. As usual there were too many folks willing to stay home and provide "Helpful Harry" service from there when there were already enough folks who couldn't (by physical condition or lack of wheels) get out to provide the mobile and portable service that was really needed. Sort of a poor commentary on our operations when the same folks who provided service during the day had to go back again that night. Thanks to all of those folks who could get out and help and did. And thanks to those who couldn't get out but stayed on during the long night hours to keep the operations going.

The Gint Computer was recently confused by Earl, K6MXM, who wanted his call sign left off of his mailing label. The Gint Computer just couldn't assimilate the fact that Earl has a call sign, but that call sign was not to appear like everyone else's. Wonder why Earl doesn't want his call sign known where he gets his mail?

The Southern California Repeater and Remote Base Association bulletin lists the following open 3/4 meter repeaters, all of which are carrier operated:

Catalina Is.	WR6AAA	442.000	447.000	Other 450 repeaters are listed but require tone access. 450 simplex channels are listed as 446.000 and 446.500. ATV simplex is 439.500.
San Diego	WR6AFE	442.025	447.025	
Sulfur Mtn.	WR6AOX	442.325	447.325	
Table Mtn.	WR6AZN	442.325	447.325	
Monrovia	WC6AAD	442.575	447.575	
Crestline	WR6ANP	443.350	448.350	
Palomar Mtn.	WR6AII	444.425	449.425	
Santa Monica	WA6RJJ	444.425	449.425	The bulletin also lists three open 10M, and five 6M open repeaters.

Frank, WB6HFE, our Emergency Coordinator, did a nice job in getting us a very nice article in the Blade Tribune on our emergency operations. It was about eight column inches of praise for amateur radio with a nice headline over it. Even Les Lockhart, W6JSL, would have to agree.

We hear that Wes, WA6UGG, has gotten the computer bug, and has come home with one from Radio Shack.

Speaking of computers, the San Diego Computer Society is putting on the 1980 San Diego Computer Fair at the Scottish Rite Temple at 1895 Camino del Rio South in Mission Valley, San Diego on April 12 with registration starting at 8:00 a.m. Phil, K6ROR, says that the featured banquet speaker, Dr. Adam Osborne, will be well worth listening to.

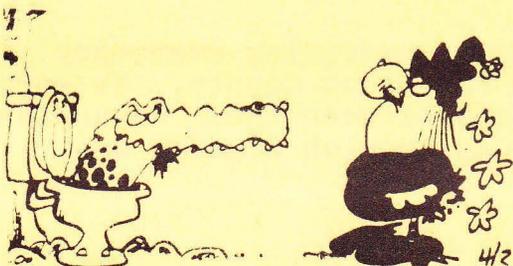
Speaking of Phil, thanks to him for the club roster printed by the Gint Computer and mailed with last month's issue of the SCOPE.

Thanks to all of those good folks who contributed to the SCOPE; and to those who help us put this thing in the hands of the postal inspectors.

"That's all", she wrote.

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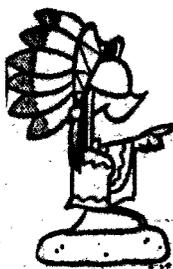
NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

VOL. XV, NO. 5



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

MAY, 1980

PRESIDENT: Charley Gibbs, WB6JZJ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no initiation fee. Since all club memberships end on the 31st of July, it will only cost new members \$2.25 to join during May. Reenlistments are \$7.50 no matter when you ship over. Family memberships are \$7½ for the first family member, and \$5 for each subsequent family member living at the same address. For your \$7.50 we force the SCOPE on you, come-what-may. Anyone else who type is scattered to the point of wanting to subscribe to this thing with no other provocation, may do so for \$2.50 per year. No matter, make you check payable to the Palomar Amateur Radio Club and get it to Jim Church at the next club meeting or mail it to the P.O. Box address above (before it starts costing 20¢ to get the USPS's tender loving care for its first class postal services. Wow! That's a 33.3% raise in the postal rate. What was that about wage and price guide lines?

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz. The 2M machine is located on Mount Palomar, and the 450 rig is on Mount Shafta somewhere north of San Marcos and west of the moon.

Co-located with WR6AII on Mount Palomar is WD6HER, an open carrier operated 220 MHz repeater belong to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HER to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

Our Repeater Committee Chairman is John Kuivinen, WB6IQS, who is interested to hear the free loaders tell how their one watt HTs get excellent reports on all the other repeaters, but get raunchy sig reports from Palomar, which they are trying to work from downtown Santee or Sandy Barbara - with rubber ducky antennae. Aren't you, John.

The May meeting of the Palomar Amateur Radio Club will, without fail, take place on Wednesday the 7th at 7:30 post meridian in the meeting room of Glendale Federal Savings and Loan at the corner of Anza and East Vista way in smog-free Vesta, probably. Boyd Casey, KA6CRI, will give us the low down on the Astro HF transceivers, the 150 and the 102.

At the April club meeting, WB6IQS reported that the club had not received a response to our letter to the Two Meter Coordinating Committee in which we complained about the increase in signal strength from WA6NUD. WB6ZJZ indicated the need for a Field Day Chairman, and that the Field Day site will again be the MARS station at Camp Pendleton. Charlie also asked for a committee to assist the survivors of local hams. K2RTQ gave a detailed report on the SANDARC meeting. After the coffee break and Mickey's home-brew cupcakes, we adjourned to further sample the home brew - since it was home brew night. A grand and glorious time was had by all - no doubt.

Nothing exciting happened at the April meeting of the Executive Committee since many of the executives were absent, and those who were present sat around and told lies and didn't execute. But it was fun.

Executive Committee meetings take place on the second Thursday of the month at Sambo's on Broadway in Vista at 7:00 of the evening. Interested members are welcome to attend and observe.

Jim Church has badges for WD6ATX, N6AYQ, WD6CLG, KA6DWU, WD6ENI, W6EYP, K4NLM, KØPJ, and WA6UKL. Come and get 'em.

Give Jim Church your money, name, and call sign and he'll be tickled witless to order an OOOFFICIAL PARC badge for you to wear to all of the club meetings and conventions just like the big guys do. Jim will happily take your \$\$\$ and descriptive stuff to go on the badge, and rush your order off to the Cheapy Badge Co. from whence eventually will come your very own badge to remind you who in the blue-eyed world you really are.

Glad to see that some of you didn't park in the spaces closest the door and the dumpster at the last club meeting. We try to keep those for our chair-borne troops. Keep up the good work - probably.

GNU AND RENUDE MEMBERS:

Renewed through 7/80: Carr, Jay, W6FAY, 2705 Sunset Hills, Escondido
New through 7/80: Coutts, Marcus, N6AVQ, P.O. Box 1294, Desert Hot Springs
Nelson, Bill, N6PW, 516 S. Nardo Av, Solana Beach 30 A4
New through 7/81: Orr, Alan, KA6KDX 1665 Parvenu Ln, Fallbrook 5 B5
Tentor, John, W6OLK, 11012 Avenida Maria, San Diego 32 C5
Renewed through 7/81: Countryman, Bill, WA6AEZ

Amateur Licenses due for renewal 8/80: WA6EYX and K6CLK.

FIELD DAY: The folks at W6IAB at Camp Pendleton have informed us that our request to again utilize the grounds at W6IAB have been approved, and that the answer to the club's letter, telling us of that approval is working its way back to us via the proper channels. With Field Day only a couple of months away, we need a committee chairman to get the thing organized. Our President would like a volunteer with previous Field Day experience. If you think you can do the job, and would like to take a shot at it, let Charlie know about it post haste.

A standing Survivor Assistance Committee is a very desirable thing to have within the club. Charlie would like volunteers from the various areas of the county to form this committee so that they can be called on it time of need. Let WB6ZJZ know if you can, and would be willing to serve.

~~DX and U.S. Callbooks will be available to club members only at the club meeting at a reduced price. There are 12 copies. First come first served. See Les, W6JSL, or Gary, KØMLR. Club members only, at the club meeting only.~~

The Orange County Amateur Radio Club is publishing a written history of the club in its bulletin. The last copy I received had gotten up to the point where Roy Maxson married Mildred, W6PJU. The Palomar Amateur Radio Club has a history that goes back into the 30s. It's time that we documented that history. A club historian will be appointed to collect the information and get it written up for prosperity or even posterity. A volunteer for this hysterical job would be appreciated sez Pres Chas. Be brave, volunteer. Start going through your ditty bags and scrapbooks for the lore of the club. We'll be interested in names, dates, places, pictures, log books of W6NWG and WR6AII, newsletters (prior to 1968). Let's all bear a hand and see if we can't reconstruct the history of the PARC from its start.

We are saddened to report that George R. "Dick" Lee, W6EZ, became a silent key on April 10, 1980. Dick was borne in Topeka, Kansas in 1896. He had not been able to operate in recent months, having been disabled by a stroke. The service was at Encinitas Mortuary Chapel on April 14. It was attended by many club members. Dick will be missed by those of us who knew him.

~~The San Diego Amateur Radio Council meets on the last Thursday evening of the month. The club has two votes on the Council and in order to exercise them we must have two representatives at each meeting. If you can serve as a delegate or alternate, please let WB6ZJZ know about it. We HAVE TO HAVE that representation with SANDARC sitting on \$30,000 or so of our money!~~

If you have surplus radio parts, make up a grab bag or bags of them and bring them to the club meeting for use on the prize table. The club will appreciate your generosity and you can get rid of some of that junk you didn't know what to do with - let somebody else worry about it.

John, WB6IQS, says that a work party will be needed to police up the repeater site in late May or early June. John will be looking for volunteers, at least one of whom should have a pickup to haul a load to the dump.

FORESAIL: (Make mine a jib, son, not a martini)
Sears programable scanner (Bearcat 210) in new condition. Five band, 10 channel. Keyboard programable. Call Russ, W6HZJ, at 728-8925.

B&W 51SB-B SSB generator and Collins 75A4 receiver, \$250 for both or make offer. Call Encinitas TV at 753-1626.

Electro-Voice 660 with desk stand, Drake 1525 T.T. mike, ½ K ant. tuner, Kirk 15M beam, Heath Cantenna with oil. Call Will, W2FWV, at 436-3277.

B&K Model 3050 audio sine/square wave generator, \$87.50. B&K 501A semi-conductor curve tracer, \$114. B&K 510 transistor tester, \$49.75. Heathkit ID-5252 audio load kit, unassembled, \$19. All less than a year old and in mint condition. Prices are 50% off of '79 list prices. Call Bob, WA6KZN, at 729-4504.

Assembled and fully operational Dopplescanner. Mite RO teleprinter with 60 and 100 wpm gears and hard-to-find plug. Atlas 350XL HF xcvr w/311 VFO, phone patch, power supply, and digital clock. Call Les, W6JSL, at 726-1313. If an old grouch doesn't answer, that's not the place. Try again.

WANTED: (Start houted men)

Tubes to rebuild several old 1940s transmitters. New surplus desired but used will be considered. Price depends on condition: 575, 807, 813, 833A, 845, 8008, and 2E26. Call John, WB6IQS, at 724-8380.

Six foot 19" rack cabinet with doors front and rear for WR6AII to house 450 MHz repeater and control systems for the 2M and 450 MHz machines. Price should be from ridiculous to free. Call John, WB6IQS, at 724-8380.

ARRL BULLETINS OF INTEREST: (No doubt)

Bulletin 34 of March 26 said: As announced in the Spring 1980 issue of QCD, there is a change in ARL FIFTY ONE in the list of ARRL Numbered Radiograms, form CD 3. many traffic handlers have expressed concern over the difficulties caused by the last sentence quote Will let you know when I return unquote. Effective immediately, please DELETE, repeat DELETE, this sentence from ARL FIFTY ONE. Traffic minded amateurs are reminded that the current list of numbered radiogram texts is dated October 1979 and supersedes all previous lists. Further comments or suggestions about CD 3 should be routed to ARR Hq.

Bulletin 37 of April 10 said: The FCC has released a Notice of Proposed Rulemaking, PR Docket 80 136, which proposes to delete the requirement that Amateur Radio stations identify the stations with which they are in contact, unless those contacts involve international third party communications. The Commission is also proposing to require Amateur Radio stations conducting radioteleprinter communications to identify the station with which they are in contact where international third party traffic is involved. Comment deadline is July 16, 1980. Reply comments are due August 15, 1980. Details will appear in June 1980 QST.

Bulletin 39 of April 11 said: The FCC has denied a petition, RM 2798, which proposed that amateur and CB licensing be combined so as to authorize amateur operators all frequency and mode privileges of CB radio operators in addition to their amateur privileges. The Commission said it noted some merit in the proposal since over forty percent of radio amateurs also hold CB licenses. However, it concludes that the disadvantages of combined licensing would outweigh the advantages. Details will appear in the Happenings column of June 1980 QST.

If you're enlisting or reenlisting in the American Radio Relay League, do so via the PARC and the club will get \$1½ that would otherwise go to swell the bank account at Gnington (CT 06111, that is), and it won't cost you anymore than if you had sent it directly to the league of american radio relayers. Make your \$18 check payable to the Palomar Amateur Radio Club, next club meeting or send it via the U.S. the masthead. If you're reenlisting, send el. There's no time off for good behaviour, and the club will get \$1.50 each time.

Help support the fund. Jim Church will be tickled pink to see you contribute to the club's fund. Let's keep Jim dandy.

FROM THE INTERFERENCE COMMITTEE CHAIRMEN:

When hearing intentional jamming on the repeater, you can:

1. Refrain from any on-the-air comments that indicate you hear the jammer. Ignore him completely, and work over him if you can.
2. If you have a directional antenna and can hear the repeater input (146.130 MHz), get a bearing. Write it down, indicating magnetic or true north, the date, time, nature of the interference, your location by Thomas Bros. map coordinates, and phone or mail the info to Walt, W6SCI, at 2415 Mark Circle, Carlsbad 92008. Walt will plot the location of the source of the jamming and make plans for the mobile RDF units.
3. If you only have an omnidirectional antenna, but can listen on the input, do so. If you hear the interference on the input, get the info to Walt (phone 729-7846) by phone or mail. You can also call someone in your dialing area who has a directional antenna. ~~Listed below are those stations known to have such antennas.~~ This list, plus T-hunters, comprises the club's interference committee. If the list is incorrect, especially if you should be on it but aren't, let us know. Base stations in southern San Diego County are lacking. Our DF capability should be as extensive as our repeater coverage is. Questions and comments are invited. Call Jane, AD6Z, at 724-3558 or Walt, W6SCI.

WD6AFJ	Willis Palmer	726-2069	KØMLR	Gary Sinn	566-3982
KB6AI	Guy Rowlett	757-1745	WB6OZT	Bob Rice	724-3558
N6AMD	Ray Harland	746-4584	AD6Z	Jane Rice	724-3558
N6AMF	Herb Sullivan	722-5383	WA6QEZ	Bill Wise	487-0787
KA6DXT	Bill Dealy	753-2582	WA6QQQ	Bob Gonsett	753-9133
K6GHN	Bill Elliott	755-4219	W6QWH	Woody Woodhouse	724-3558
K6HAV	Ralph Crossman	727-5866	W6SCI	Walt Lockhart	729-7846
WA6HQM	Dave Copley	753-2605	WB6ZJZ	Charlie Gibbs	758-3666
N6IE	Felix Ferranto	724-4772	WA6ZKD	Stan Wolfe	756-3320
W6KBD	Herb Gordon	487-0246	WA6ZKC	Emily Wolfe	756-3320

The Satellite Amateur Radio Club of Santa Maria is holding a swapfest and barbecue on June 15th with prize drawings and the famous Santa Maria BBQ. An information sheet will be available at the club meeting.

With the proliferation of handy talkies on 2M, the repeater is getting more than its share of folks who try to work into it from deep left field with a watt and a half and a rubber ducky. Commercial practice calls for 40-100 watts for mobiles to ensure communications over repeaters within a relatively small coverage area. We sure shouldn't expect good communications with our toy radios. I'm tired of hearing signals so weak the audio starts to distort. I'm even more tired of our club members who try to carry on a QSO with folks who have that kind of signal. I think that except in case of emergency, we ought to expect better signals on the machine. I'd also like our members to be a little more critical of lousy audio. Tell 'em they sound like they're operating from an open cockpit airplane when they have the audio gain so high you get all of the background noises. I do think that we should be a little more critical, without being ham-handed about it. We have a great repeater. Let's maintain the standards.

Thanks to Mickey, WA6WQI, for her homemade cupcakes (some with prize tickets in them) at the club meetings. Deelicious.

"That's all", she wrote.

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1030 1/2 S TREATMENT
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DON JOHNSON
WD6FWE 07/81
375 CALLE MONTECITO
OCEANSIDE CA

92054



NORTHERN SAN DIEGO COUNTY

W6NWG
WR6AII
SCOPE



VOL. XV, NO. 6

THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

JUNE, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no initiation fee. Since all club memberships end on the 31st of July, it will only cost new members \$1.50 to join this month. Reenlistments are \$7½ no matter when you ship over. Family memberships are \$7.50 for the first family member and \$5 for each subsequent family member living at the same address. For your 750¢ we force the SCOPE on you, willy-nilly. If you're a couple of bricks short of a load to the point of wanting to voluntarily subscribe to this thing without being a club member, the tab is \$2.50 per year. For an extra hunnert or so we'll send it in plain brown wrapper and under separate cover of night. Come-what-may, make your check payable to the Palomar Amateur Radio Club and get it to the P.O. Box address above or hand it to Jim Church at the club meeting.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz. The 2M machine is located on Mount Palomar, and the 450 repeater is high atop Mob Hill. Both are open repeaters for club members and occasional transients.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

Our Repeater Committee Chairman is John Kuivinen, WB6IQS, who really has his hands full with the problems caused by W6LNB/RPT a 146.715-146.115 MHz repeater put into operation on Otay Mountain by W6VCE & Co. This machine is interfering with WR6AII to the point that fairly strong mobile and base stations are being chopped out due to desense. If you are having trouble keying up WR6AII from locations from which you previously could, the problem is the desense caused by this new machine. Try to be patient while the solution is sought.

The June meeting of the Palomar Amateur Radio Club will, no doubt, probably take place on Wednesday, the 4th (of June, mayhap?), in the community room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in wistful Vista at 7:30. If we find out what the program for the evening will be before we close this out we'll let you know. Otherwise come on out and see if Micky's put tickets in the cupcakes again.

AT THE MAY MEETING: Casey, KA6CRI, demonstrated the Swan Astro 150 and 102 transceivers. WA6KZN, W6BLL, and K6HAV will serve as the club's Historical Committee. Charlie, WB6ZJZ, announced that the club's scholarship has been named the William J. Gilmour Scholarship in honor of W6VTV. Ron Earl, W6TXK, will be the club's Field Day Committee Chairman. Jane, AD6Z, announced that there will be only one T-hunt per month in the future, with starting point varying and the degree of difficulty and mileage increasing. The club still has not heard from SANDARC in answer to its request for \$200 for the scholarship fund. A simply grand time was had by nearly all.

Again, nothing exciting happened at the May meeting of the Executive Committee since there was no meeting.

The Executive Committee normally meets at 7:00 of the evening on the second Thursday of the month at Sambo's on Broadway in Veesta. Interested members are welcome to observe.

Jim Church has badges for WD6ATX, N6AYQ, WD6CLG, KA6DWU, WD6ENI, W6EYP, K4NLM, KØPJ, and WA6UKL. Pick them up at the club meeting - Jim says he will have them there at this meeting unlike the turkey who was acting Treasurer at the last club meeting. Sorry 'bout that.

And speaking of OOFICIAL PARC badges, Jim will leap with alacrity to take your \$\$\$\$ and order you one from the OOFICIAL Cheapy Badge Company, Inc. See Jim at the next meeting, and order yours so you can have one with your very own call sign and name on it to wear to meetings, dogfights, and conventions- just like the real hams do.

NUDE AND RENUDE MEMBERS:

New for 1980: Frey, Fred, N6BCJ, 905 Poppy Ln, Carlsbad 19 D5
McCann, Jack, KA6GPK, 3336 Piragua St, Carlsbad 20 C5

New for 1981: Bettis, Bob, K6EJD, 5129 Arlene St, San Diego 45 B5
Londelius, John, W6ZYT, 1479 Santa Margarita Dr, Fallbrook 5 D2
Stovall, Herb, W6FET, 1475 Santa Margarita Dr, Fallbrook 5 D2
Sullivan, Frank, N6CSO, 2722 Mesa Dr, Oceanside 9 E5

Renew for 1981: Inskeep, Chuck, W6IRM; Wandschneider, Herb, WA6SVN

Changes: Bowers, Frank, KB6RV vice WD6CLG; Holt, Sam, KD6BW vice N6AEX;
Maxson, Roy, W6DEY, 809-60 Discovery, San Marcos 16 D6

Amateur licenses due for renewal 9/80: W6SCI, W6BRF, K6ROR

We are saddened to report the passage of William J. "Bill" Bilmour, W6VTV, on April 28th in his 90th year. He was a close personal friend who is terribly missed. Bill, who had been a licensed amateur since 1946, was instrumental in the reactivation of the Palomar Amateur Radio Club after World War II. He was active in amateur radio up to the week of his death, participating regularly in the club's North County Traffic Net. He donated much of his surplus equipment to the club. From Bill's estate the club will receive his not inconsiderable supply of parts. All who knew Bill Gilmour were enriched by their association with this truly gentle person.

As noted in the minutes of the May meeting, the club has decided to name its scholarship the William J. Gilmour Scholarship.

The club will participate in the ARRL's annual Field Day contest on Saturday and Sunday, June 28-29. Again this year, the club's Field Day site will be at W6IAB at Camp Pendleton. The final pre-field day meeting for those participating will be held at Bob and Jane Rice's house on Saturday, June 14 at 11:00 a.m. Additional operators are needed, particularly those for the 20M position which will operate the entire time. Assistance is always welcome during the setting up and taking down operations, so come out and lend a hand - we already have plenty of supervisors, but spectators too are welcome. Camp Pendleton is very generous in permitting the use of this fine location; and in providing generators and fuel. For more details call Bob or Jane at 724-3558. Let's all go out and at least watch the operation.

T-HUNT: Saturday, June 14 at 5:00 p.m., starting from the North parking lot at Mira Costa College. The meeting place after the hunt will be "That Pizza Place" across El Camino Real from the May Co. To find this hidden transmitter (on 146.49 simplex), a lucky rabbit foot at the antenna feed-point is recommended. For details call Wb6OZT/AD6Z at 724-3558.

A new DF program and challenge is being worked out for base stations. More practice! More fun! Fewer jammers! Build your directional 2M antenna now! Don't miss out. Details at the next club meeting, or watch the SCOPE for the scoop. De AD6Z

AMATEUR RADIO COMMUNICATIONS signs, which are 19" X 8" are available from Joe, WB6HMY. These signs are very well made; and are magnetic, with the ARES logo on them. We would hope that they would only be used during actual emergencies for which amateurs are providing communications or at other organized events with amateur communications involved. Indiscriminate use will degrade their value in providing identification in time of emergency.

he club thanks Jack Porter, K6EQN, for his donation of the nice Motorola rack to house the 450 repeater and the control system.

If you have surplus radio parts, make up grab bags of them and bring them to the club meeting for use on the prize table. The club will appreciate your generosity, and you can get rid of that junk you didn't know what to do with and somebody else will have to worry about it.

FORESAIL: (Hope you're not mizzen the point.)
Electro-Voice 660 with desk stand, Drake 1525 T.T. mike, ½K ant. tuner, Kirk 15M beam, Heath Cantenna w/oil. Call Will, W2FWV, at 436-3277.

B & K Model 3050 audio sine/square wave generator, \$87.50. B & K 501A semiconductor curve tracer, \$114. B & K 510 transistor tester, \$49.75. Heathkit ID-5252 audio load kit, unassembled, \$19. All less than a year and in mint condition. Driven only by a little old lady in Carlsbad. Call Bob, WA6KZN, at 729-4504.

Assembled and fully operational Dopplescanner. Mite RO teleprinter with 60 & 100 wpm gears and hard-to-find plug. Atlas 350XL HF scvr w/311 VFO, phone patch, power supply, and digital clock. Call Les, W6J\$L, at 726-1313. That snarling that you'll hear at the other end of the line is not just any old dog, it'll probably be Les.

Pilot tube-type stereo system, 80W per channel w/manuals. Call Guy, KB6AI, at 757-1745. No reasonable offer accepted. Make a ridiculous one and see!

Operational Heath H14 printer for computer use, \$640. Call Phil, K6ROR, at 724-0098. If a man answers, hang up. Demand to speak to the Gint Computer.

Astatic DN-HZ mike w/o stand (Hi-Z), \$10; Heath GDO, \$5; Heath VTVM, \$5; Heath RF signal generator, \$10; Knight 456 HF rx w/calibrator 80M-6M, \$25; RME VHF-152 10M-6m-2M convertor, \$10; EV 950 Cardax mike w/o stand, \$10; Precision 920 tube tester, \$15; and Heath AM-2 swr meter, \$5. Call Ralph, K6HAV, at 727-5866.

Heath Cantenna w/oil and spare oil, \$10; Heath VTVM, \$7; Precision 954 tube tester, \$15; Heathkit GDO, \$5; Turner 355C hand mike, \$10. Call Averill Lee at 727-4021. Mrs. Lee, the widow of K6EZ, also has a fine collection of antique radio parts and some machinist's tools which she would like to dispose of.

Atlas 180 160M-20M HF xcvr w/noise blanker and mobile mount. Swan FM-2X 2M FM xcvr w/AC supply & xtals for 13/73, 73/73, 34/94, 94/94, 34/76, 16/76, 22/82, 52/52, and 58/58. Call Herb, WA6SVN, at 722-2803.

WANTED: (Dead or alive!)
Tubes to rebuild several old 1940s transmitters. New surplus desired, but used will be considered. Price depends on condition: 575, 807, 813, 833A, 845, 8008, and 2E26. Call John, WB6IQS, at 724-8380.

Club members to bring their loved ones (or even their wife and kids) and friends out to the PARC Field Day site at W6IAB, Camp Pendleton on Saturday the 28th of June. The club operation will be a social affair with a pot luck dinner Saturday evening and breakfast Sunday morning prepared for the operators by Micky, WA6WQI. Come on out and kibitz the operation. No one can tell them how they ought to do it like you can.

ARRL BULLETIN OF INTEREST: (Sin duda) Bulletin 51 of May 20 said: The FCC has announced it will begin using new amateur radio examinations at all Commission offices effective June 1st. The new examinations are outlined in March, 1980, QST pages 55 and 58. All classes of licenses, including Amateur Extra are effected. Thanks, Frank, N6AT, for the bulletin.

If you're enlisting or reenlisting in the aforementioned ARRL, do so via the PARC and the club will get \$1½ which would otherwise go to fatten the bank account at Gnuington (CT 06111, that is), and it won't cost you a sou more than if you had dealt directly with the Radio Relaying American League. Make your \$18 check payable to the Palomar Amateur Radio Club, and get it to K6\$LA, our s-teamed treasurer, or send it to the club's P.O. Box 1603 address. If you're reenlisting, include your reenlistment card and the mailing label from QST. There's no time off for behaviour, good or bad, so reenlist yearly and the club will get \$1½ each time, whereas if you ship over for several years, the club will only get that paltry \$1.50 once. Do it!

RECEIVED TOO LATE TO CALCIFY: Clint, WB6SLY, has a WA6BIR 11-elm 2M beam for sale for \$20. Call him at 727-2002

IN THE MAY SCOPE: Correct W6OLK to read W6OLO.

AMSAT-OSCAR Phase III was lost May 23 when the European Space Agency's Ariane LO2 space vehicle came a cropper on launch. The first and second stages reportedly failed to separate. This was the agency's second attempted launch - the first succeeded hauling "sand bags" or some such.

Bob Heitger, WA6KZN, of the club's Historical Committee, has been hard at work tracing the origin of the PARC. We plan to take the club's history and publish a part of it each month in the SCOPE. Jack Williams, W6BLL, is working from the present back to the club's origin, trying to collect the names of club officers, locations of Field Days, etc.

Bob has turned up information that indicates that the club was first formed in late 1935 or early 1936 as per an article in QST of March 1936. Known original club members traced by WA6KZN are listed below:

CURRENT			
CALL	CALL	NAME	ADDRESS
W6BGL	NONE	HANK JUNGE	DECEASED
W6BLL	W6BLL	JACK WILLIAMS	2218 WINCHESTER, OCEANSIDE, CA 92054
W6BOS	W6BOS	ART STEWART	235 W. 10TH AV, ESCONDIDO, CA 92025
W6CHV	W6CHV	RALPH CULBERTSON	7172 EADS AV, LA JOLLA, CA 92037
W6CYI	NONE	STAN ESTES	DECEASED
W6CLT	NONE	WALT SCHROEDER	1005 PARK HILL DR, ESCONDIDO, CA 92025
W6DBV	NONE	DOUGLAS MAW	8685 LEMON AV, APT 1, LA MESA, CA 92041
W6ECP	W6SE	JOHN MARTIN	1135 CREST DR, ENCINITAS, CA 92024
W6EPM	W6EPM	HAROLD ULMER	2941 SAN LUIS REY RD, OCEANSIDE, CA 92054
W6FKT		GEORGE M. BEAL	
W6GVU	KH6CZ	FRED ELSE	1031 ALA NAPUNANI ST 403, HONOLULU, HI 96818
W6JRQ	W6JRQ	WALT HUCKABAY	1047 SHAFER ST, OCEANSIDE, CA 92054
W6LAP	W6LAP	BILL MUSGROVE	875 TOURMALINE ST, SAN DIEGO, CA 92109
W6LFU	W6LFU	FRANKLIN RICHTER	2793 KATHERINE ST, EL CAJON, CA 92020
W6LKC	W6LKC	HARRY FIELD	P.O. Box 655, FALLBROOK, CA 92028
W6MMO	W6MMO	JACK CORNELL	502 E. MISSION, FALLBROOK, CA 92028
W6MMZ	KL7DG	JOHNNY TRENT	1700 TUDOR RD, ANCHORAGE, AK 99507
W6NCU		WALTER WOODS	
W6NDF	NONE	MAURICE ECKFORD	1325 E. GRAND AV, ESCONDIDO, CA 92025
W6NNH		JACK MILLER	
W6NWG	NONE	MEL BACON	DECEASED
W6NWI	K7MO	BILL JAGO	2265 HUGO RD, MERLIN, OR 97532
W6NXR	NONE	ROY WILLIAMSON	537 W. CITRACADO PKWY, ESCONDIDO, CA 92025
W6OFT	W6OFT	CLINT CALL	2248 JEFFERSON, CARLSBAD, CA 92008
W6OFV	NONE	VERNON CHOATE	1455 2ND ST, STAYTON, OR, 97383
W6OUQ	W6OUQ	ERNIE EPLER	1606 CLOVE ST, SAN DIEGO, CA 92106
W6RB	NONE	ROY JENKINS	DECEASED

Bob, WA6KZN, needs information on W6FKT, W6NCU, and W6NNH. None of the original members who held these calls does so now. If you have information regarding them, or if you know of other original members, please contact Bob at 1708 Bonita Ln, Carlsbad, CA 92008 (714) 729-4504. Bob has communicated with all of the folks listed above for whom we have addresses.

Speaking of old-time club members, Bill Driml, W6NAT, who has just turned 71 (in the shade, too), is presently in the area and terrifying the natives. Bill says that he plans to attend the June club meeting to be sure that we're not carrying on the way he used to when he was down in this area. Bill has to come out of Fort Dick every so often to get the moss off of the north side.

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JOHN KUIVINEN
WB6IQS 07/80
P.O. BOX 1466
VISTA CA

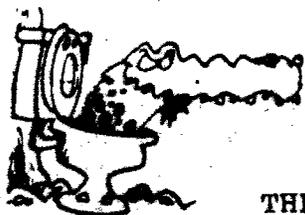
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NORTHERN SAN DIEGO COUNTY

W6NWX
WR6AII
SCOPE

VOL. XV, NO. 7



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

JULY, 1980

PRESIDENT: CHARLEY GIBBS, WB6ZJZ, OCEANSIDE
VICE PRESIDENT: FRANK TIPTON, WA6HPP, VISTA
SECRETARY: EMILY WOLFE, WA6ZKC, SOLANA BEACH
TREASURER: JIM CHURCH, K6\$LA, VI\$TA

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no initiation fee. Since all memberships expire on July 31st, it will only cost 75¢ to join this month (plus \$7.50 for the next twelve months). It costs \$7.50 to reenlist, no matter when. Family memberships are \$7.50 for the first family member, and \$5 for each additional family member residing at the same address. For your 750¢ you get the SCOPE come-what-may. You can get the SCOPE without being a club member at the low, low price of \$2.50 per year. And it's available in plain brown wrapper for the less stout of heart, but it will cost you a couple of hunnert or so. Make your checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the club meeting or at the P.O. Box address above.

For all of you present club members whose SCOPE mailing label indicates "07/80", don't forget that your membership expires on July 31st. Jim Church will dance with glee if you get him your reenlistment check early rather than all waiting for the July or August club meetings. Anyway, don't forget - get your \$7.50 to K6\$LA ASAP or as soon thereafter as is humanely (he's deserving of humane treatment, too) possible.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output of 146.730 MHz, located on Mt. Palomar; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz high on a windy hill in Wistful Vista. Both are open repeaters for club members and occasional transient users.

The nasty interference caused by the adjacent channel machine on Mt. Otay has disappeared since the repeater causing the problem has been moved to another frequency.

John Quivinen, WB6IQS, our Repeater Committee Chairman, says: "Many thanks to the users of the repeater for keeping their cool during our recent difficulties. Especially thanks to Charley, WB6ZJZ; Bob, W6NZX; and Bob, WA6QQQ. The repeater has been fine tweaked by W6NZX and everything checked out A-OK. Also, the building was painted by W9FQN, WD6FWE, and myself in preparation for the winter season. Thanks also to W6DEY for the donation of the equipment rack. P.S. if anyone has a good commercial grade tower about 50' or so, let me know. the Repeater could use a little more elevation to get above the trees."

The July meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 of the evening on Wednesday, the 2nd (of July perchance?) in the Community Room of Glendale Federal Savings and Loan at the corner of East Vista Way and Anza in downtown wistful Vista. Herb Gordon, W6KBD, will present the evening's program on Satellite Communications. Y'all come and bring your \$7.50 if you haven't reenlisted yet for the new year.

Co-located with WR6AII on Mt. Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

There was no meeting of the Executive Committee in June, despite all of our good intentions. The Executive Committee NORMALLY meets at 7:00 p.m. on the second Thursday of the month at Sambo's on Broadway in Veesta. Interested members are welcome to OBSERVE.

AT THE JUNE CLUB MEETING: Wayne White, Vice President of the North County Search and Rescue Unit, described that newly activated unit, and indicated that anyone interested in providing communications for it and/or belonging to it can contact him at 439-4783. Bill Driml, W6NAT, a former club president, and presently a resident of Fort Dick, California, attended the meeting to the chagrin of all (except himself). President WB6ZJZ announced that the club had formally complained to the FCC about the interference from the adjacent channel repeater; and asked all club members to write to the Commission. A grand time was had by all, no doubt.

Jim Church will be glad to order your very own OOOFFICIAL Palomar Amateur Radio Club badge for you upon receipt of your money. See Jim and get your order in so that he can send off for a batch.

While we are talking about badges, Jim has them on hand for WD6ATX, N6AYQ, WD6CLG, KA6DWU, WD6ENI, K4NLM, KØPJ, and WA6UKL.

T-HUNTS: The next T-hunt will be Saturday, July 12th, at 5:00 p.m. starting from the northern parking lot at Mira Costa College. Jim, WB6YXY, last month's winner will wear the funny bunny suit.

There will be a fixed station direction finding competition starting on Sunday, July 6 at 9:00 a.m. after the ARES net and continuing for five minutes. This competition will be held each Sunday, with some consideration being given to evening competitions just before the North County Traffic Net. Participants in this competition on 146.130 MHz must report their results to N6BLQ on the repeater. The report must include bearing relative to True North, time of bearing (since the signal source may be moving), and the reporting station's location by Thomas Brothers Map page number and coordinates. A winner will be a station whose line of bearing passes through the small square on the North County D.F. Systems Map in which the target transmitter is located. More than one can win. Winners will be announced in the SCOPE and the scores compiled and the overall winner rewarded at the annual club picnic. For more details, call Jane, AD6Zat 724-3558, or talk to Walt, W6SCI, on WR6AII.

NUDE AND REGNUED MEMBERS:

NEW FOR 1980: Saugier, Joe, K6CD, 16820 Avenida Florencia, Poway 33 B2

NEW FOR 1981: Collins, John Jr., WB6EHJ, 517 Mandarin Way, Fallbrook 5 C4
Edwards, Howard, WB6WUA, 710 California St, Oceanside 13 E1
Harris, Jim, W6ISP, 2791 Cowley Way, San Diego 53 A4
Porter, Bob, WA6ACL, 2612 Galicia Way, Carlsbad 20 B6
Smith, Marv, N6NA, 1138 Cielita Linda Dr, Vista 11 A5
Vidnic, Carl, W6WRM, 2410 Stromberg Cir, Carlsbad 14 C4

RENEW FOR 1982: Lee, Chet, WA6YME

CHANGE: Sinn, Gary to KM6A

FIELD DAY: You should get this thing just before Field Day Weekend, June 28-29. The club's field day station will be set up on the grounds of W6IAB at Camp Pendleton, where we were last year. All club members who can make it, should come out and see the club's operation on Saturday or Sunday. Assistance in setting up or tearing down the station is always appreciated. Operators to help on 20M will be most welcome. Don't forget to sign the sign-in sheet at the Field Day site. If you don't, the Gint Computer won't know you've been there and won't give you a picnic ticket for your attendance, kick and scream though you may.

Your surplus parts in grab bags will be welcome on the prize table at the club meetings. Give some body else your trash and treasures.

FORESAIL: (Not the one, two or three sail)

Operational Heath H14 printer, \$640. Call Phil, K6ROR, at 724-0098. If the Gint Computer answers, don't hang up, that's the place.

Astatic DN-HZ mike w/o stant (Hi-Z), \$10; Heath VTVM, \$5; Heath RF sig gen, \$10; Knight 456 80M-6M receiver w/calibrator & manual, \$25; RME VHF-152 10M-6M-2M convertor \$10; EV 950 Cardax mike w/o stand \$10; Precision 920 tube tester, \$15; Heat AM-2 SWR meter, \$5. Call Ralph, K6HAV, at 727-5866.
(Continued on next page - hopefully)

(FORESAIL continued - doubtlessly)

Lafayette HA-146 25W 2M FM 12 channel xcvr w/xtals for 146: 49/49, 55/55, 52/52, 13/73, 28/88, 04/64, 25/85, 147; 045/645, 69/09, 75/15, 285/885; and 145: 55/55. \$195 or best offer. Call Ted, N6CKH, at 433-4578.

TenTec Century/21 model 574 digital 75W HF xcvr 80M-10M, and TenTec 670 automatic keyer, both for \$300. Call Charlie, WB6DUS, at 757-0780.

Heath Cantenna w/oil and spare oil, \$10; Heath VTVM, \$7; Precision tube tester model 954, \$15; Turner 355C hand mike, \$10. Call Mrs. Lee at 727-4021.

B&K Model 3050 audio sine/square wave generator, \$87.50. B&K 501A semiconductor curve tracer, \$114. B&K 510 transistor tester, \$49.75. Heath ID-5252 audio load kit, \$19. All less than a year old and never been raced. Call Bob, WA6KZN, at 729-4504.

Assembled and fully operational Dopplescanner. Mite RO teleprinter with connector and 60 & 100 wpm gears. Atlas 350XL HF xcvr w/311 VFO, phone patch, power supply and digital clock. Call Les, W6JSL, at 726-1313.

WANTED: Nothing. We've all got all we need.

If you are enlisting or reenlisting in the ARRL, do so via the PARC and the club will get \$1.50 which would otherwise go into the coffers at Newington (CT 06111, that is), and it won't cost you a dime more than if you had dealt directly with the folks in Gnington. Make your \$18 check payable to the Palomar Amateur Radio Club, and get it to Jim Church at the club meeting or via the P.O. Box address. If you're reenlisting, include your QST mailing label and your reenlistment card from the League of Radio Relaying Americans. No time off for behaviour, good or bad, so it's \$18 a year. Reenlist every year and the club will get \$1.50 each time. Do it for four or five years and the club only gets the \$1.50 once.

Emily, WA6ZKC, informs us that Palomar College has selected our first recipient of the Palomar Amateur Radio Club's William J. Gilmour Scholarship. She is Van Tran of Vista. The time and place of the presentation will be announced later. Jim Church will gladly take your donations to the Scholarship Fund.

Bob Heitger, WA6KZN, is hosting a reunion of the original Palomar Amateur Radio Club members at his house on the 28th of June. As reported in last month's SCOPE, Bob has rounded up a list of the original members, and will have a large percentage of them at the reunion. Bob and the rest of the Historical Committee hope to get some good information about the club's early days.

With Bob, WA6QQQ, masterminding the operation, KA6JIT, WB6OZT, AD6Z, K7YCI, W6HUJ, N6CKH, WD6ENJ, and WB6HFE provided communication support for the recent Encinitas flower festival and general hooraw.

W6SCI EXTERNAL DEVIATION CONTROL UNIT MARK I FOR FM TRANSMITTERS

Walt, W6SCI, says he's listened to enough over-deviated FM signals and locked-on carriers to last him the rest of his life if he lives to be 100. Being the restless type, Walt has designed an external deviation control and inadvertent carrier lock on prevention device which can be home brewed to fit any FM transmitter which uses a microphone (HTs included). Walt gave us a nice drawing of the unit, but our staff artist is not available for this issue, so we'll try to describe it so that those of use who really need it can build our own and get it into operation. Simply, the device consists of an 18" boom of aluminum or wood with a dog collar of a size to fit the operator's neck affixed to one end and a clamp to hold the mike on the other. The mike clamp should be adjustable to slide along the boom so that it can be adjusted to hold the mike the proper distance from the operator's face to give no more than 5.5 kHz (better 4 kHz) deviation. Any more than 5.5 puts the receiver on the repeater into clipping with the resultant distortion on the output. Walt says that once the set screw on the mike clamp is locked at the proper position, DO NOT MOVE IT. The device may be used in fixed or mobile operation and requires no external power supply. NOTE: If proper results are not obtained, remove the mike plug from the radio (in the case of HTs, remove the antenna) until you obtain additional assistance. If breathing is impaired loosen neck collar.

DOWN THE TOOBE:

Don't know whether they were friends or foe, but Bill Driml, W6NAT, sure drew a crowd at the June club meeting. Some familiar faces were Boots Olsen, W6JR; Vendy Johnson, W6CWK; and his XYL, Genevieve (whose call I've forgotten). Looked like old home week for a while. Sure was good to see Bill and the rest of them. Bill claims to have been club president at one time, but my research of old newsletters doesn't reveal when, and yet I have a recollection of it, so maybe he's telling the truth.

Binnacle list: Bob, KA6DWV, had a short stay in the hospital, and is back on active duty, giving us blow-by-blows from the Padres games in Sam Dago. Marty, K6NS, has stopped smoking the hard way. It took five ambulance personnel to get him into the hospital with emphyzema. Marty no longer smokes, but is at home - in fact he's tethered there by a 50' oxygen hose. Felix, N6IE, provided Marty with a HT while Marty was in durance vile. Speaking of Felix, he's sporting a couple of black eyes and forty or so stitches. Something about using a chain saw to fell a tree. The medics at the hospital at Camp Pendleton sewed him up and marked him "duty", but for a while Felix thought he might need his HT back from Marty. Chet, WA6YME, reports that he's stove up at home with some bone marrow problems.

Les, W6JSL, is back from his trip to the southeast, where he stopped and saw Hod, W6UCN, in Marshall, Texas, and Ernie Parker, formerly WA6JSY, at Oliver Springs, Tennessee. Les reports that Hod is back on a scaffold working again after his several ribs, broken when he fell from the same scaffold, have healed. Watch it there, Old Tanglefoot! Ernie's health is very poor according to Les' report. Les brought a new Azden 2M FM rig back with him.

Doc, K6RY; Bob, WA6KZN; and Johnny, W6VQU, have all also purchased the new Azden rigs, all of which sound very good.

While part of Walt's ExternalDev Control Unit Mk I is for April (and July) Fools, it's true that the 2M repeater has been adjusted to start clipping signals on the input that exceed 5.5 kHz. Four kHz is just about right for optimum deviation. Signals much over 6 kHz will "kill" the receiver and the repeater will drop out as if there were no signal on the input, so get your rigs adjusted accordingly. If you have to hold the mike away from your face to reduce deviation, it's time to find where the dev and audio gain pots are inside of your rig, and get the settings right. Too much audio gain means too much noise from background sources and a miserable mobile signal - like you were in an open cockpit aircraft. Our thanks to Bob, W6NZX, for his personal and professional attention to the well-being of the 2M machine. Sure sounds good, Bob.

We thank all of you who are doing such good missionary work to get several of our chronic non-member repeater users into the fold and the club. It just goes to prove that more flies are caught with honey than with vinegar.

More thanks to those who help us put this thing into the unsuspecting hands of our club members and subscribers.

"That's all", she wrote.

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WD6FWE 07/81
3140 LINCOLN ST.
CARLSBAD CA

92008

NORTHERN SAN DIEGO COUNTY

W6NWX
WR6AII
SCOPE

VOL. XV, NO. 8



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

AUGUST, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vista

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no initiation fee. Since all memberships expire on July 31st, it's time to re-up if you haven't already done so. Doesn't make any difference when you reenlist, it's still \$7½, so get with it. Family memberships are \$7.50 for the first family member and \$5 for each subsequent member living at the same address. For your \$7.50 you get the SCOPE with reckless abandon. If you're foolish enough to want to voluntarily subscribe without being a club member, it'll cost you \$2.50 per annum, or yearly, whichever comes first. Make checks payable to the Palomar Amateur Radio Club, and get them to Jim Church at the club meeting or picnic or just plain mail them to him at the address above.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output frequency of 146.730 MHz, on Mount Palomar; and a UHF repeater with an input of 444.425 MHz and an output of 449.425 MHz located on Mount Olympus in the wilds of North County between Vista and San Marcos. Both repeaters are for club members and occasional transient users.

John Kuivinen, WB6IQS, is our Repeater Committee Chairman. John and Bob, W6NZX, worked on the 2M machine recently, increasing its power output and for test purposes added the 100 Hz tone that you hear on its signal. John says that the test is complete and that by the time you read this the 100 Hz tone should be off. John had intended to use the tone to notify him when the repeater was operating on emergency power rather than having to wait and NOT hear the IDer. Remember, if you do not hear the IDer, it means that the machine has switched to battery power, and your use of it should be curtailed accordingly so that the battery may be conserved for important or emergency traffic. John is making plans to order a new antenna for the 450 machine; and to move it to the mountain top with its 2M namesake. The club needs a 40-50' tower for use at the Palomar Mountain site. If anyone has a spare, please contact WB6IQS on WR6AII.

Co-located on Mount Palomar with WR6AII is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

The August meeting of the Palomar Amateur Radio Club will, come what may, probably take place on the evening of Wednesday, the 6th (of August?) at 7:30 in the Community Room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in downtown wistful Vista. Hopefully, the club's first William J. Gilmour Scholarship will be presented to Van Tran of Vista. We say hopefully because Les, W6JSL, of the Scholarship Committee was, at this writing, having some difficulty in contacting the young lady.

P I C N I C PICNIC PEEKNEEK PIQUENIQUE PICNIC P I C N I C PICNIC P I C N I C
The club's annual picnic will take place starting bright and early on Sunday, August 10th in San Dieguito Park, which is located east of I-5 on Lomas Santa Fe Drive in Lomas Santa Fe. We haven't heard from the Picnic Committee, but I'll bet you that lunch will be promptly at noon with the prize drawing taking place at 1:00 of the afternoon. Bring your tickets for the drawing. You will receive them at the August club meeting or in the mail shortly thereafter - we hope. Felix, N6IE, will have his deviation meter at the picnic so you can adjust your rig. Bring the necessary tools, books, power supplies, etc.

AT THE JULY CLUB MEETING: Herb Gordon, W6KBD, gave a very interesting talk and slide presentation on satellite communications via the OSCARS. WB6ZJZ reported that Field Day was a great success and that the club's tally was not known yet. AD6Z told about the fixed station direction finding contests on WR6AII at 9:00 a.m. each Sunday. WA6ZKC read a letter from Palomar College announcing that Ms. Van Tran of Vista had been selected as the first recipient for the club's William J. Gilmour Scholarship. Emily also read a letter from SANDARC which stated that our request for SANDARC funds for the scholarship had been considered and approved with the stipulation "that the funds be awarded to either a full or part-time student who is an amateur radio operator, or to a full or part time student who is currently studying amateur radio with a view to obtaining an amateur license." WA6KZN told of the reunion of original PARC members held in his home. Twelve of the original club members were there. WB6IQS said that the 2M repeater had been tweaked up and given the standard Motorola certification by W6NZX; and that the repeater building had been painted. WA6WQI thanked G8MOE and WA6ZKC for helping her with the breakfast at Field Day. WB6HFE asked for Red Flag Alert volunteers for the coming fire season. W6SCI proposed the sale of the present 450 repeater and the purchase of a commercial machine in its stead. WB6ZJZ said that the matter would be discussed at the Executive Committee meeting.

The club's Executive Committee meets at 7:00 p.m. on the second Thursday of the month at Sambos on Broadway in Vista. At the July 10th meeting the following motions were entertained and passed:

1. Each month two tickets will be given to the T-hunt winner and a trophy will be awarded at the end of the year to the overall winner. The cost of the trophy will not exceed \$25.
2. Expenses totalling \$73.17 will be paid to WA6KZN for the reunion which was held in his home.
3. The existing 450 repeater will be put up on the mountain and a new 9 db 450 antenna will be purchased.
4. Bob Findlay, W6NZX, will be paid \$25 for certification of the 2M repeater, etc. and henceforth \$10 monthly for repeater maintenance.
5. The prize chairman will be allotted \$1,000 to spend for prizes for the upcoming picnic on August 10, 1980.

Ten members were present as were all club officers.

Stop kerchunking the repeater for recognition. Get an OFFICIAL red and white PARC badge with your very own name and call sign, just like the big guys wear. See Jim Church at the next club meeting and slip him the necessary loot and he will speed off, swifter than a speeding bullet to do your bidding and order the stupid badge from the Cheap Badge Company. You'll get yours soon enough if you give Jim your order now.

SWAN ELECTRONICS PARKING LOT SALE: Saturday, 2 August, 1980 at 305 Airport Road in Oceanburg. They'll be selling engineering prototypes, marine radio telephones, linears, tuners, power supplies, grab bags and surplus parts and stock. Having learned their lesson at the last sale, SWAN will start this one off at 8:00 and close it down at noon. Quantities are limited so hurry, hurry, hurry.

T-HUNT AND FIXED STATION DF COMPETITIONS: AD6Z says that in the fixed station DF competitions, W6SCI and WB6OZT got the proper square with honorable mention to N6AMF during the 7/6 test; and on 7/13 W6SCI and WA6ZKC were on target; and on 7/20 W6SCI again rang the bell. These tests are for fixed stations with directional 2M antennae, and take place each Sunday morning at 9:00 on 146.130 MHz. At the last T-hunt, W6YXY was the rabbit and was concealed just out of sight from the starting point operating on low power. It took WB6IQS 14 miles to find him. The next T-hunts will take place on August 9th and 23rd providing at least four hunter notify AD6Z or WB6OZT that they will take part. WB6IQS will be the rabbit if there are four or more hunters.

Since all memberships expire on 31 July, we will not print a list of re-gnuing members this month (there are at least 165), but will plan on a new roster, with the club's approval, in September or October.

FORESAIL:

Mosely TA-33 HF beam, a year old, like new, only rotated by a little old man in Vista. Never raced. Call Oscar, W6BIH, at 726-0459.

Assembled and operational Dopplescanner. Atlas 350XL HF xcvr w/311 VFO, phone patch, power supply and digital clock. Call Les, W6JSL, at 726-1313.

Pilot tube-type stereo system 80W per channel w/manuals. Call Guy, KB6AI, at 757-1745. If a Guy answers, don't hang up - that's the place.

Astatic DN-HZ mike w/o stand, \$5; Heath VTVM, \$5; Knight 456 80M-6M rx, w/xtal calibrator and manuals, \$25; RME VHF-152 10M-6M-2M convertor w/book, \$10; EV 950 Cardax mike w/o stand, \$5; Precision 920 tube tester, \$10; Heath AM-2 SWR meter, \$5. Call Ralph, K6HAV, at 727-5866.

Two 115/6.3v 3A and 16A transformers; relays, chokes, R.F. transformers, Johnson 100 mfd .175 spacing condensor, small Hammerlund condensers from 100 mfd to 300 mfd, feed thru insulators 3" long, and three 500 pf 20 kv capacitors. Make offer and help Jim, W6HUJ, at 438-2856 clean out his junk box.

SWTPC Model CT-64 Terminal (less CRT), in excellent working condition, with documentation, \$200. SWTPC Model PR-40 Alphanumeric Printer, in excellent condition, working, with extra paper, \$200. SWTPC 4K memory board, socketed, working, \$50. Call Bob, K7WLX, at 729-5519.

Atlas base station w/110vac power supply; two Motorola Motrac Hi-Band commercial grade transceivers (2M), complete; new ssb-CB 23 channel unit, convertible to 10M. Call Jim, W7NWE, at 433-7155.

WANTED: (Start houted men)

Four fiberglass spreaders for HF cubical quad antenna. Call Charlie, WB6ZJZ, at 758-3666.

TO GIVEAWAY to a good home (preferably a newcomer to RTTY) a Western Union Model 100 teletypewriter. Works but needs adjustment and cleaning. Cabinet has been painted orange so you won't lose it or trip over it. Call Bob, K7WLX, at 729-5519.

Enlisting or reenlisting in the ARRL? Do it via the PARC and the club will get \$1.50 that would otherwise go to swell the purse in Gnuington (CT 06111, that is), and it won't cost you any more than if you didn't do it via the club. Make your check for \$18 payable to the Palomar Amateur Radio Club and get it, along with your renewal card and QST mailing label (if you're reenlisting) to Jim Church at the club's P.O. Box address or hand it to him at the club meeting. No time off for behaviour, good or bad, so reenlist every year - it will cost you the same \$18 per year but the club will get \$1.50 of it each time instead of only once if you ship over for 3, 4, or 5 years all at one shot. Do it!

ARRL BULLETINS OF INTEREST (Courtesy of N6AT):

Bulletin 70 of June 26 said: FCC has proposed a rule change which, if adopted, would permit amateur television and facsimile on all amateur frequencies above 3.775 MHz where voice transmissions are currently allowed. Bandwidth restrictions in Section 97.65 of the rules which presently apply to amateur TV below 225 MHz would also apply to the expanded TV and facsimile privileges below 225 MHz. Comments on this proposal, Docket 80 252, are due September 22, 1980. Reply comments are due October 22, 1980. Details will appear in August 1980 QST.

Bulletin 73 of July 1 said: Petitions to expand the 27 MHz CB band and to legalize the widespread unlicensed single sideband operations between the CB band and the amateur 10 meter band were considered by the FCC today. The ARRL had filed comments opposing the petitions. Last December, as described in March 1980 QST, page 73, the FCC had instructed its Private Radio Bureau to prepare a draft Notice of Proposed Rulemaking on the subject. At the FCC meeting today, the draft was vigorously opposed by Field Operations Bureau because of enforcement and interference problems. After extended discussion the Commissioners voted to have prepared a Notice of Inquiry seeking answers to many troubling questions before proceeding further with this matter. ARRL will file appropriate comments when this (Continued - no doubt)

(ARRL Bulletin 73 continued - hopefully)

Notice of Inquiry is released. In the meantime, the CB rules and the status of the illegal operators remains unchanged. Further developments will be reported in QST.

ORIGINAL PARC MEMBERS REUNION: On Saturday, June 28th at the QTH of Bob Heitger, WA6KZN, the club sponsored a reunion of its original 27 members. Bob sent letters of invitation to all of those he could locate, and 12 of them made the reunion. The club's first president, Doug Maw, was present, as were John Trent, KL7DG, who flew down from Alaska to attend. Fred Elser, KH6CZ, phoned his greetings to the members of the reunion. Others attending were Jack Williams, W6BLL; Art Stewart, W6BOS; Walt Schroeder; Harold Ulmer, W6EPM; Walt Huckabay, W6JRQ; Bill Musgrove, W6LAP; Harry Field, W6LKC; Roy Williamson; Clint Call, W6OFT; and Ernie Epler, W6OUQ. The club's officers and Historical Committee also attended. Pictures were taken and will be on display at the next club meeting.

Felix, N6IE, will have his battery powered deviation meter at the club picnic for those with FM radios in need of adjustment. Bring the necessary tools, manuals, etc. to open the rig up and make the required adjustment. Felix will NOT tweak your deviation and mike gain pots - you'll have to do it yourself, so familiarize yourself with your rig and bring what's necessary. We don't know whether AC power will be available.

DOWN THE TOOBE:

Charlie, WA6ZXZ, was burgled and lost all of his ham gear except for what he had in the car. Charlie also says he lost lots of other articles, many of which he collected during his travels while in the service.

Gene, K6EJO, is the first kid on the block to get his television directly from the satellite. Gene gets 22 additional channels from his "gint" parabolic antenna. The pictures that Gene gets are very close to perfect, which indicates Gene's system is functioning better than some he saw at a recent Pirate Satellite convention.

W6BLL, K6HAV, and W6BLL and XYLs enjoyed breakfast at the expense of John Trent, KL7DG, who left the money and the instructions with WA6KZN during the Original Members Reunion. Thanks, John. It was a treat. After all these years, John has reenlisted in the PARC. John offers \$50 to anyone who can produce a picture of his 1935-1937 90' lattice masts located where Palomar College now stands

Our membership is presently 295, but will drop to about 165 on the 1st of August. That means that about 130 folks have yet to ship over.

Jay, W6FAY, is once again back from sea - a few days early this time due to being grounded by the meicos. Jay's being real good and staying away from the table and the bar so that his blood pressure and weight will go down far enough to go back to see the sea.

Thanks to N6IE for his nice contribution to the club. We do appreciate it and your participation, but try to stay away from power tools for a while.

Thanks to all of you who have contributed info for the SCOPE and to those who help us fold, spindle, and mutilate this right into the postal inspector's hands.

"That's all", she wrote. 73 de K6HAV

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NORTHERN SAN DIEGO COUNTY

W6NWX

WR6AII

SCOPE

VOL. XV, NO. 9



THE PALOMAR AMATEUR RADIO CLUB

P.O. BOX 1603
VISTA, CA 92083

SEPTEMBER, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vi\$ta

Membership in the Palomar Amateur Radio Club costs \$7½ per year with no time off for good behaviour and no initiation fee. If you don't get this issue of SCOPE, it's time to re-up. Family memberships are \$7.50 for the first family member and \$5 for each subsequent family member residing at the same address. For your \$7.50 you not only get membership in the club, you also get a full year of SCOPE - whether you want it or not. If you are bereft of your senses to the point where you want to subscribe without being a club member, it will startle ye olde Treasurer, but he'll be happy to accept \$2.50 for a year's subscription. Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church in person or via the U.S. Mail by way of the P.O. Box address above.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output frequency of 146.730 MHz, on Mount Palomar; and a UHF repeater with an input frequency of 444.425 MHz and an output of 449.425 MHz located on Mount Olympus, north of San Marcos. Both repeaters are carrier operated and are for club members and occasional transient users.

Our Repeater Committee Chairman is John Kuivinen, WB6IQS, who would like some kind person to donate to the club for its Mount Palomar repeater site a 40'-50' self supporting tower so that our antennae might be raised above the tree tops. Don't all call at once, but you can catch John on WR6AII or at 724-8380. John says he hasn't received the new 450 MHz antenna yet.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

The September meeting of the Palomar Amateur Radio Club will, without fail, probably take place on Wednesday, September the 3rd at 7:30 of the evening in the Community Room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in the inskirts of wistful Vista. We haven't heard yet what the program for the evening will be, but hope to before we turn this in to be censored. If it's as good as last month's program, it will be outstanding. Come and watch K6HAV win his third Call Book - if the club still has any. Bring your grab bags for the prize table.

AT THE AUGUST CLUB MEETING: Aubrey Stewart, W6ODG, of Trans-World Electronics, demonstrated the company's solid state amplifiers for HF use. Aubrey gave us an outstanding presentation of some very well built, state of the art, equipment, including a mobile 1 KW amplifier, a fixed station 1 KW ham-band only and a 2KW commercial 2-30 MHz amplifier. Keith Cordrey, W6KVR, came all the way down from Newport Beach to tell us about the U.S. Coast Guard Auxilliary and its need for membership from among the amateur radio ranks. During the business meeting, WB6ZJZ announced that the club had had its request to SANDARC for \$200 for the Scholarship Fund approved. He also asked that if anyone knows of a suitable flea market site, they should let him or WD6BGB, Len, know of it. A grand time was had by all - probably. There was no prize drqwing so we didn't win a 3rd Call Book.

AT THE EXECUTIVE COMMITTEE MEETING on August 14th: The subject of a club-sponsored shop for club members was brought up by Les, W6J\$L, and discussed. The subject will be brought up at the September meeting. Henry Radio will (Continued in our next or somewhere)

(EXECUTIVE COMMITTEE probably continued from some other page)
will receive a letter of thanks from the club for the very nice discounts given the club for its picnic prizes. The possibility of a change in the Oceanside building code, limiting antenna height was discussed. The Executive Committee meets at 7:00 post meridian on the 2nd Thursday of the month at Sambo's on Broadway in Veesta. Interested members are welcome to observe.

PICNIC: The club's annual picnic, held this year at San Dieguito Park in Lomas Santa Fe, was an outstanding success. The location was the best at which the club's picnics have been held since 1967, with nice shade and ocean breezes, and excellent facilities with nearby parking. After a bountiful lunch (some among us needed sideboards on our plates), the club's William J. Gilmour Scholarship of \$200 was awarded to Miss Van Tran of Vista, a student at Palomar College, who very graciously and gratefully accepted the award and then stayed on to draw the picnic prize tickets (Yes, I won my 3rd Call Book but took an electronic clock instead). The Kenwood TS520SE was won by Jerry Worth, WA6PJG; the Tempo S-1 by Marston Blood, KA6GMN; the Y & C frequency counter by Don Johnson, WD6FWE; the 30W 2M amplifier by Ocie Rowe, KA6AOK; the ham shack clock by Woody Woodhouse, W6QWH; and the Mite Teleprinter by Marty Cornell, K6NS. The club much appreciates the donation of the Mite by Les Clark, W6J\$L; and the generous 20% discount given to the club by Henry Radio on all prizes except the Kenwood TS520SE on which 10% discount was given. The picnic was not as well attended as some previous ones, but that is, at least in part, due to the lack of a flea market and the attendance tickets given therefore. Only 149 of the club's members attended club functions during the club's last fiscal year and so received attendance tickets.

We appreciate Felix, N6IE, bringing his deviation meter to the picnic so that all of us could check out the deviation of our hand helds, mobiles, etc. Now, all of us will be right on the button, won't we?

ATTENTION ALL OCEANSIDE HAMS: The Oceanside City Planning Director, Fritz Stagliano, while re-writing the city's municipal building code to conform to the State's code, has inserted in the re-written code an antenna height limitation of 40' whether on a structure or on an independent tower. Another meeting will be held on this subject in about two weeks. All Oceanside hams should contact Sam, KD6BW; Marty, K6NS; or Charlie, WB6ZJZ so that concerted action may be taken to defeat this unpublicized attempt to limit ham antenna height (the re-written code would not affect CB operators or commercially licensed stations). All Oceanside City Councilmen should be contacted about this subject. IF YOU ARE AN OCEANSIDE HAM YOU'D BETTER GET ON IT AND CONTACT ANY NON-CLUB MEMBER OCEANSIDE HAMS AND GET THEM STARTED TOO.

You don't have to be a turkey in public just to get recognition. See Jim Church and slip him some dough and he'll be just tickled pink to order you your very own OFFICIAL Palomar Amateur Radio Club badge, just like the big guys wear. And if you're real nice to Jim he'll even get them to put your very own name and call sign on the badge. Won't that be nice, hmmm? Jim has on hand badges for WD6ATX, WD6CLG, KA6DWU, WD6ENI, W9FQN, W6HAW, KA6KDX, K4NLM, KØPJ, K6QCW, WB6UGH, and WA6UKL. Come and get 'em!

CLUB ROSTER: We are planning to publish a new club roster with the October issue of SCOPE, barring the unforeseen. If your friends haven't enlisted or reenlisted, get them to do so before September 18th, the deadline for the October issue.

FORESAIL: (That's a jib son - not a martoni)
Mosely TA-33 like new, \$80. Call Oscar, W6BIH, at 726-0459

For sale or trade: Icom IC-215 portable 2M FM xcvr, fully xtalld, manual, BC-20 charging unit & nicads, IC-3PS pwr supply/spkr, IC-20L amplifier, extras. Package for \$250 or trade for synthesized HT. Call Dick, WD6ENL, at 757-9284.

Hunter 25 swr/watt meter 200-2000 watt with remotable sensor, \$35. Hustler RM-75 400W 80M resonator, \$10. 2M rubber ducky w/PL-259 connector, \$5. Comm Products mobile ball mount similar to Hustler SSM-1, new, \$10. Call Hal, K6UZ, at 726-3579.

(Continued elsewhere - hopefully)

(FORESAIL continued, no doubt)

Assembled and operational Dopplescanner, complete with antennas. Atlas 350XL HF xcvr w/311 VFO, phone patc, pwr supply and digital clock. Two Icom IC-230s. Call Le\$, W6J\$L, at 726-1313. If an old grouch answers, that's the place, hang in there, don't hang up.

Knight 456 80M through 6M receiver with xtal calibrator, manual and RME VHF-152 10M-6M-2M convertor w/book. Call Ralph, K6HAV, at 727-5866.

WANTED: (Chloe!)

Two Drake TR-22C 12 channel xtal controlled 2M FM xcvs. Call Keith Cordrey, W6KVR, at 759-0357.

Remote VFO for Kenwood TS520-S. Call Hal, K6UZ, at 726-3579.

A spare 3-1000Z. Call Eric, W6ZMX, at 726-6306.

CONDENSATIONS OF RECENT ARRL BULLETINS:

Bulletin 73 of 7/17 indicated that the deadline for repeater registration is November 1. Use form CD 140 to furnish information to CD. Form is available for SASE to ARRL HQ.

Bulletin 74 of 7/17 said that formal rules by FCC for the Satellite Service as shown in Feb 1980 QST, page 80 will be effective 30 days from date (not yet determined) of publication in the Federal Register. Details is Sep QST.

Bulletin 78 of 7/24 said that the new edition of the ARRL Net Directory is now available. Send 9" X 12" envelope with 41¢ postage to ARRL "Net Directory" for your copy. Thanks to Frank, N6AT for the bulls.

When enlisting or reenlisting in the ARRL, do so via the club and the club will get \$1½ that would otherwise go back to Gnington (CT 06111, that is) to fatten the bank account there. Won't cost you a penny more, and 15¢ less if you hand your check (payable to the Palomar Amateur Radio Club) to Jim Church and save the postage. Costs \$18, with no dime off for behaviour - good or bad. Send along your QST mailing label and reenlistment card if reenlisting. Jim will be happy to get it by hand or by mail to the club's P.O. Box address. Do it!

HIDDEN TRANSMITTER HUNTS: There will be T-hunts on the 2nd and 4th Saturdays if at least four hunters indicate a readiness to take part by calling Bob, WB6OZT, or Jane, AD6Z, Rice at 724-3558.

The last T-hunt was wone by the team of Bob and Jane Rice and Don Johnson, WD6FWE.

The fixed station RDF contest time is going to be changed from 9:00 Sunday morning. What time and day would you like? Let Benji, N6BLQ, know your preference. We'd like lots more participation so we need a time that is the optimum for all.

PARC HISTORY: The written history of the PARC starts in this issue and will contine sporadically until we have brought it up to date with as much detail as we can glean. Bob, WA6KZN, has now contacted all but one of the surviving original members, and believes he has a line on that one. Each of the original members located now has received a copy of the reunion picture, and has been added to the SCOPE's mailing list for the time that it takes us to print the club's history. Jack Miller, the latest member to be tracked down has written to Bob and asked that he say "hello" to Harold Ulmer, Johnnie Martin, Walt Huckabay, and Doug Maw. Jack is living in Wilmington, NC, but is no longer active in ham radio. Fred Elser, KH6CZ, writes and says that he recognized most of the OTs from the photo, without recourse to the key. Fred is not too active on the air since he is busy trying to finish his work for his PhD. Bill Musgrove, W6LAP, writes that he enjoyed the reunion, but is stove up from a pinched sciatic nerve which has laid him low since the 1st of July.

Thanks to all the contributors to the SCOPE; and to those who help us put this thing into the hands of the postal inspectors.

"That's all", she wrote.

HISTORY OF THE PALOMAR AMATEUR RADIO CLUB
By The Historical Committee
W6BLL, K6HAV, WA6KZN

ORIGINAL MEMBERS

W6BGL - HANK JUNGE
W6BLL - JACK WILLIAMS
W6BOS - ART STEWART
W6CHV - RALPH CULBERTSON
W6CYI - STAN ESTES
W6CLT - WALT SCHROEDER
W6DBV - DOUG MAW
W6ECP - JOHN MARTIN
W6EPM - HAROLD ULMER
W6FKT - GEORGE BEAL
W6GVU - FRED ELSE
W6JRQ - WALT HUCKABAY
W6LAP - BILL MUSGROVE
W6LFU - FRANKLIN RICHTER

W6LKC - HARRY FIELD
W6MMO - JACK CORNELL
W6MMZ - JOHN TRENT
W6NCU - WALTER WOODS
W6NDF - MAURICE ECKFORD
W6NNH - JACK MILLER
W6NWG - MEL BACON
W6NWI - BILL JAGO
W6NXR - ROY WILLIAMSON
W6OFT - CLINT CALL
W6OFV - VERNON CHOATE
W6OUQ - ERNIE EPLER
W6RB - ROY JENKINS

PREFACE

The early 1930s America was still deep into the terrible depression. Herbert C. Hoover was President, and Franklin D. Roosevelt was about to be elected to the presidency of our great country. We were a nation of 48 states.

Hiram Percy Maxim was President of the American Radio Relay League, which he had founded and given its name. San Diego was in the ARRL's Pacific Division. The Southwestern Division was in the future. Amateur radio was having its problems then as it is now. Imitation broadcasting, vaudeville radio entertainers, mysterious interference, municipal ordinances - the list is endless.

Amateurs made battery cells from fruit jars, wound their own coils, ground crystals on pieces of window glass, using valve grinding compound, and made their own variable capacitors. Money was tight, times were lean, but the amateur spirit prevailed. This was amateur radio in these early times, and it was the common bond that cemented many a friendship then, regardless of station in life, just as it does today.

One-hundred and sixty meters was a very much-used band. Its use for short-range communications made it one of the factors contributing to the formation of the Palomar Amateur Radio Club, since the idea of a club was discussed frequently there as well as on other phone and CW bands.

Since the idea of forming a club was being discussed, in July, 1933, Art Stewart, W6BOS, wrote a letter to the president of the San Diego Radio Amateurs' Association requesting information on the drafting of a constitution and by-laws.

While there were several amateur radio clubs in San Diego at that time, none existed in North County. So the seed was planted.

(To be continued)

S T O P P R E S S: El Presidente, WB6ZJZ, says that the second reading of the re-worded Oceanside City Ordinance will be in late September or early October. Charlie advises no further action by Oceanside hams until they have talked to him for the details.

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SCOPE

VOL. XV, NO. 10

THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

OCTOBER, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6SLA, Vista

Membership in the Palomar Amateur Radio Club is \$7½ a year with no initiation fee and no time off for behaviour - good or bad. If you didn't get this month's fabulous issue of SCOPE, we're trying to tell you something: It's time to reenlist! Family memberships are \$7.50 for the first family member and \$5 for each subsequent family member living at the same address. For your \$7.50 you not only get membership in the club, you also get a full, well rounded year of SCOPE - like it or not. If your type is pried to the point that you want to actually subscribe to the SCOPE and not enjoy all those benefits of membership in the club, it will cost you an even \$2.50 per annum, or yearly, whichever comes first. Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at club meeting or flea mart (if we had one) or to the P.O. Box 1603 address above.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input of 146.130 MHz and an output frequency of 146.730 MHz, on Mount Palomar; and a UHF repeater with an input frequency of 444.425 MHz and an output of 449.425 MHz located halfway up Mount Asp just north of San Marcos and east of Vista. Both repeaters are for club members and occasional transient users (and quite a few cheep, cheap free loaders too),

Our Repeater Committee Chairman is kindly old John Kuivinen (with a K not a Q), WB6IQS, who is still looking for some wealthy person who will donate a 40-50' self-supporting tower to the club to mount its repeater antennae atop. Don't all call John at the same time, but do call him at 724-8380 or on WR6AII as he is motoring to and from the mines. John says that the 2M repeater receiver is back up on frequency again after having been about 3 kHz low (that's why all you folks with mobiles and HTs couldn't hit WR6AII from the bottom of your favorite well or where ever you could be-fore.) Now you can again thanks to John and Bob, WA6QQQ, who jourined to the mountain top one recent weekend. The repeater now also has a 127.5 Hz tone at one kHz deviation which will appear on the repeater output ONLY when the repeater is on emergency battery power. If you hear this tone, you should reduce your operations on the repeater to short contacts to conserve battery power. The frequency and deviation of this signal is such that it may not be heard on some receivers so members who do hear it should point it out to those who obviously do not.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club has kindly extended the use of WD6HFR to PARC members. The input is 223.300 MHz and the output is 224.900 MHz.

With any luck at all, the October meeting of the PALOMAR AMATEUR RADIO CLUB will take place on Wednesday the 1st (of October, dummy) at 7:30 of the evening at Glendale Federal Savings and Loan at the corner of Anza and East Vista Way on the inskirts of Vista. We haven't heard yet what the evening's program will be, but if it's half as good as the last two, it will be great. Come on out and bring your grab bags for the prize table.

At the September club meeting, Bob Uhlinger, N6BWO, of Sand and Sea Industries in Carlsbad gave us a very interesting talk and demonstration on the company's water purification/desalination units. Bob's units use the reverse-osmosis method of purification, and we all got a very excellent refresher in chemistry and physics in order to understand the equipment. The question of a Christmas party was again discussed, with further discussion to take place at the October meeting. A grand time was had by all.

The club's Executive Committee meets almost every second Thursday of the month at Sambo's on Broadway in Vista at 7:00 post meridian. It did not do so in September since El Presidente was under the weather and our Secretary was otherwise engaged.

Remember to SIGN IN at each club meeting or other club function which you attend since those picnic drawing tickets are given out on the basis of one for each attendance. If you don't think it's worth the effort, talk to Jerry, WA6PJJ, who won the TS520SE, or Marston, KA6GMN, who won the Tempo S-1 at the last picnic.

CLUB ROSTER: Will be published with the November SCOPE instead of this month's issue due to the requirement this month for publication of the Post Office's Statement of Ownership, etc. published (hopefully) elsewhere in this thing. If you are not a member by the 20th of October, your name, rank and rifle number will not appear in the new, all new club roster. Tell all of those friends of yours not to be like the handle on the pot: On it but not in it.

Instead of kerchunking the repeater for recognition, see Jim Church with money and he will order your OOFICIAL PARC badge, complete with your very own name and call sign, just like the big guys have. Then, folks will be able to see you for WHO you are as well as WHAT you are. Anyway, see Jim Church and he'll fix you right up - if you're broken.

Jim says he has badges for WD6ATX, WD6CLG, WD6ENI, W9FQN, W6HAW, KA6KDX, K4NLM, KØPJ, and WB6UGH. Come and get 'em or Jim will sell them off to folks who don't want to take the time to order their own custom-made ones.

Last month's T-hunt saw AD6Z coming in third after having to go to the local 7-11 for a new battery, WD6FWE came in next to last, and WB6YXY was third from last. There were supposed to be four hunters, but one was a no-show. Now, who's on first?

The October hunt will take place at 4:30 p.m. on Sunday the 5th, starting from the Mira Costa College parking lot. If there are four hunters there will be a hunt. Call Jane, AD6Z, at 724-3558 if you will participate. Do T-hunters use rabbit transit? Hare, hare.

FORESAIL: (A balloon spinnaker, if I ever saw one)

Long wire antenna masts, six clear 2"X2"X18' painted poles makes three 38' masts. Sell all for \$10. Call Bill, WA6GLH, at 724-7901.

Tube-type Pilot stereo system, 80W per channel, w/manuals. Call Guy, KB6AI, at 757-1745. No reasonable offer accepted. Make a ridiculous one and see.

Knight 456 HF rx w/xtal calibrator, and RME VHF-152 10-6-2M converter, \$25 for the works. Call Ralph, K6HAV, at 727-5866.

Hi-Gain 203BA full-size 20M beam, make an offer. Kirk Helicoidal 2 elm 15M beam, \$65. Call Will, W2FWV, at 436-3277.

Operational Dopplescanner, complete with antennae. Atlas 350XL HF xcvr w/311 VFO, phone patch, pwr supply and digital clock. Two Icom IC-230s. Call Le\$, W6J\$L, at 726-1313. If a kindly, pleasant young man answers, hang up - that's not the place.

SWAP:

Hallicrafters HT-32A HF ssb xmtr for some antenna work. I've got the HT-32A, you do the work. Call Jack, W6QP, at 724-3218.

WANTED: Stout hearted men. Call the heart clinic.

CONDENSED ARRL BULLETINS: They're so condensed we lost them under one of the dashed dashes. Sorry 'bout that. Better luck next month.

When enlisting or reenlisting in the ARRL, do it via the club and the club will get \$1.50 that would otherwise go to Gnuington - and it won't cost you a red dollar and a half more - the price is the same \$18 per year with no time off for good behaviour. Make your check payable to the club and get it, with your renewal form if you're shipping over, to Jim Church at club meetings or via the U.S. Postal Service to the club's P.O. Box address. You save no money by enlisting for two, three, or more years, it's still \$18 per annum, so do it every year and the club will get that 150 cents each time whereas if you enlist for a longer term the club still only gets \$1.50. Don't bother Jim with your life memberships since the ARRL doesn't let the club in on any of that good money.

FORESAIL: (Received too early to classify)
Yaesu FT101EE w/cw filter, mike and external speaker, in mint conds, \$500.
Call Bob, KA6DWV, at 439-7058.

OCEANSIDE TOWER HEIGHT LIMIT will now be 60' above grade if the City Council approves what the planning people are recommending. Talk to Sam, KD6BW for more details.

If your ham ticket was issued, reissued, or modified during the period 8/1/70 through 2/28/75, you will probably get one or more refunds from the FCC if you apply for it (them). The El Cajon office of the FCC has the application forms. The refund for newals and renewals is \$3.28 and the refund for modifications is \$6.95, according to Marty, K6NS. CB and commercial tickets also have refunds coming. Talk to the FCC about it for more details.

Speaking of the FCC, Max, W6DEY, who is a retired FCC type, reminds all of us who have double or triple letters, like W6AAM or WR6AAA, that each letter of the call must be given straight or phonetically, but not W6 double A M, or triple A. Max says that while it's not a big deal in the ham bit, it is a violation of the Communications Act and could be a big issue if some apple knocker wanted to make it so. I told you oncet, I told you a hunnert times!

Fried Heyn, WA6WZO, of the County of Orange, is running for ARRL SW Div. Director against the incumbent. Running for Vice Director with Fried is Gordon West, WB6NOA. Fried is an Extra Class licensee and Gordon is an Advanced Class. They are both very active in amateur radio and the ARRL, and feel that they can provide the Division with increased representation. Fried and his wife Sandi, WA6WZN attended the club's recent annual picnic.

The subject of a Christmas Party for the club was again raised at the last club meeting. If you will attend and want one, you'd better hie yourself off to the October meeting and make your wishes known.

Heard on WR6AII: "Can some one give me an audio report, please?" Answer: "You're full quieting."

Nick Andree of the Hiway Company at 305 Wisconsin Av. in Oceanside says he would like to let the hams in the area know that he is in the surplus electronic sales business. We will have to drop in and see what he's got that's interesting. Heard some one being directed that way on the machine a week or so back.

Please remember, that if you move, to send the club your new address. It costs us \$.25 each time that the post office has to tell us you've moved. That's part of the "2nd Class Postage" package, and we have to pay it - and you don't get your SCOPE (a blessing in disguise?) unless the club blows it for a fifteen cent stamp. If you move, tell the Gint Computer.

DOWN THE TOOBE:
WD6FOO is in the Navy at Great Lakes Naval Training Center, according to Mickey, WA6WQI.

It was sure interesting to hear all the squawks about not getting the August and September issues of SCOPE from some of those who failed to heed the "Last Issue" cachet on the July issue's mailing label. Glad you reenlisted. Sorry our crystal ball didn't tell us you were going to.

DOWN THE TOOBE (continued)

North County Net members will be glad to know that Barron, WB6QY0, of San Diego has joined the club and wants to join the net to bring SD County traffic from Mission Trail. Welcome, Barron, and thanks for joining.

Glad to see that original PARC member Art Stewart, W6B0S of Escondido has renewed his membership. He says it's about time after 30 or 40 years!

We are happy to report that Wade, WD6AOZ, is on the mend and at home again after being hospitalized with a very serious heart attack. Good to hear him on the air again.

W6J\$L is heading a committee to examine the thought processes of folks who holler "Break" on idle repeaters or frequencies.

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(Required by 39 U.S.C. 3685)

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In accordance with the provisions of this statute, I hereby request permission to mail the publication named in item 1 at the phased postage rates presently authorized by 39 U.S.C. 3626.
Form 3526 (Page 1) (See instructions on reverse)

"That's all", she wrote.

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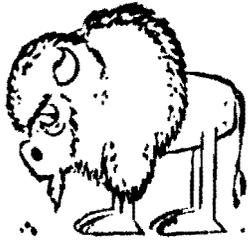
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NORTHERN SAN DIEGO COUNTY

W6NWC
WR6AII
SCOPE

VOL. XV, NO. 11



THE PALOMAR AMATEUR RADIO CLUB

P.O. BOX 1603
VISTA, CA 92083

NOVEMBER, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6\$LA, Vista

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with no time off for behaviour - good or bad, and no initiation fee. Family memberships are \$7.50 for the first family member and \$5 for each subsequent member living at the same address. The club membership year is from the 1st of August to the 31st of July. For your \$7.50 you not only become a club member, you get SCOPE for the entire year, ready or not. If you just want the SCOPE without the club membership (there are a few crazies who do!), it will cost you \$2.50 per year (extra if we mail it to you in plain brown wrapper or under separate cover of night). Make your checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the P.O. Box address above, or just slip it to him at the club meeting. Jim will be underwhelmed and rush right off into the night to tell the Gint Computer that you've enlisted or reenlisted, whichever comes first.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz located about 5,600 feet up on Mount Palomar; and a UHF repeater with an input frequency of 444.424 MHz and an output of 449.425 MHz located on Half Dome, between Vista and San Marcos.

John Kuivinen, WB6IQS, is the club's Repeater Committee Chairman. He reminds us that the repeater, when operating on emergency battery power, has 127.5 Hz tone with 1 kHz deviation on its output. If you hear this tone, reduce operations on the repeater to conserve the battery and let others, who may not have heard the tone, know about the need to reduce operations. John says that he's still looking for the self-supporting tower of 40'-50' in height to get the repeater antennae above the trees. If you know of one at a very reasonable price, call John at 724-8380 or grab him on the repeater.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club kindly extends operating privileges on WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

The November club meeting will probably take place on Wednesday the 5th at 7:30 p.m. in the community room at Glendale Federal Savings and Loan at the corner of Anza and East Vista Way on the inskirts of Vista, without fail. We haven't yet heard what the program will be since we're going to press early to beat the Christmas rush, but part of the evening will, no doubt, consist of the report of the Nominating Committee and who it has fingered selected for your club officers for the coming year. Come on out and help elect your favorites - and bring a grab bag for the prize table.

The club's Executive Committee meets almost every second Thursday of the month at Sambo's on Broadway in Vista. Interested club members are welcome to attend and observe.

You must "sign in" at each club function to receive attendance credit for which you will later receive a picnic drawing ticket for each attendance.

We're now mailing over 260 copies of SCOPE, and our club membership is close to 200.

Yes, this month you get the club roster we were forced to cancel last month so we could carry the Post Office's required Statement of Ownership.

Later: The program for the November meeting will be presented by Captain Van Meter of the California Department of Forestry. He will tell us about the new state funds supported Volunteers in Prevention and will show us a film on forestry patrolling.

Our Pres sez that he's looking for a new Refreshment Committee Chairman and a new Prize Committee Chairman. A Christmas Part Chairman is also required. If you're available to do any of these jobs for the club, call or talk to Charley, WB6ZJZ.

OCTOBER EXECUTIVE COMMITTEE: Decided that there would be a Christmas Part - details at the November club meeting.

Our Pres also says that there is an excellent chance that we will again be having a flea market. Details at the November meeting.

Additionally he says that the Oceanside City Council upped the ante on the antenna tower height limit from the 60' recommended by the planners to 75', and that variances for heights above that may be obtained with no charge. Several club members are known to have communicated with the Mayor and the Council.

Our 2M repeater is back on frequency again (the receiver) after the changing of a channel element which had moved off frequency twice, making the machine difficult to access from marginal locations. Bob, W6NZX, did the job with Charley, WB6JZJ, and Bob, WA6QQQ, along for the ride.

FORESAIL:

Swan FM-2X w/2 simplex and 7 repeater channels crystallized. Call Frank, N6AT, at 728-8003 and make him an offer.

Beam antennas: a 203BA 20M, \$50; and a Kirk helicoidal 15M, \$65; and TR-3 10-15-20M, \$89. Call Will, W2FWV, at 436-3277.

Atlas 180 160M-20M scvr w/noise blanker and mobile mount. Swan FM-2X 2M FM xcvr w/AC supply and a batch of xtals. Call Herb, WB6SVN at 722-2803.

Congratulations to Eric, W6ZMX, and Bob, WB6OZT, both of whom have recently passed the Extra Class examination.

Condensed ARRL Bulletins of interest courtesy of N6AT:

Bulletin 95 of September 19 indicated that effective Sep. 28 the FCC changes its cw tests to the completion type vice the multiple choice. All tests will consist of a typical QSO followed by ten questions with 70% being the passing grade.

Bulletin 99 of September 30 said that the FCC has proposed eliminating the commercial First Class Radiotelephone Operator License in General Docket 20817.

Bulletin 100 of September 30 said that CD Form 258 has been created to encourage more repeater groups to submit info for the Repeater Log in QST. A s.a.s.e. will get you your supply from ARRL

We hear that Hal, K6UZ, is in the hospital, but haven't heard the reason for it. Hope you're well soon.

The latest roster of the Palomar Amateur Radio Club follows thanks to the Gint Computer and Phil, K6ROR. It's a real fine production and has a batch of info in a small space. It is really three rosters since it includes a call sign to name section, a call sign to location section and a name, and address/telephone number, location section - all in three and one-half pages.

Join or rejoin the ARRL through the club and the club will get \$1½ which would otherwise go to Gnuington. Make your check for \$16 payable to the PARC and get it to Jim Church along with your renewal sheet and Jim will take it from there. Do it.

KM6A	SINN, GARY	WA6DYV	SWADER, JACK	WB6IXQ	FUTTERER, CLEM	W6SCI	LOCKHART, WALT
W6AAM	BREGA, MIKE	WB6EHJ	COLLINS JR., JOHN	WA6JCF	BROWNE, BOB	W6SCV	WAGNER, DICK
WA6ACL	PORTER, BOB	K6EJD	BETTIS, BOB	W6JLW	MUSTIN, CHARLES	K6SLA	CHURCH, JIM
WA6AEZ	COUNTRYMAN, BILL	WA6EJL	BOREY, PAUL	W6JSL	CLARK, LES	WB6SLY	PULLEN, CLINT
WD6AFJ	PALMER, WILLIS	K6EJO	MARYGOLD, GENE	W6JSP	HARVEY, FLOYD	WB6SML	HORGAN, JOHN
WD6AHW	DEWEY, BILL	WD6ENJ	FILKINS, FRED	WB6JVS	ROUSE, HARRY A.	W6SMP	WHITE, JACK
KB6AI	ROWLETT, GUY	WD6ENK	FAUGHN, JIM	WA6KAR	WURZBURG, BOB	W6SSL	KING, AL
N6AMF	SULLIVAN, HERB	WD6ENL	CORLEW, DICK	KA6KDX	ORR, ALAN	WB6STZ	AMES, RUSS
N7AMR	WILLETT, ALLEN	W6EPM	ULMER, HAROLD	WA6KEY	SPIEGEL, FRED "DOC"	WA6SVN	WANDSCHNEIDER, HERB
KA6A0J	RAINES, EVA	K6EQN	PORTER, JACK	N6KI	VERNACCHIA, DENNIS	WA6TAW	RAINES JR., R. F.
KA6AOK	ROME, OCIE	WB6ERF	DEVITT, NELL	W6KRH	ELDER, CHET	WB6TBA	GATES, BOB
WD6AOK	PRICE, LARUE	W6EVL	NICOLS, ART	W6KVR	CORDREY, KEITH	WB6TBH	HAVINS, MIKE
KA6AOL	ROME, SHIRLEY I.	W6EYP	LINCOLN, WARREN	WA6KXY	REITER, HERB	WB6TBQ	MCCORD, BILLY
WD6AOL	PRICE, JOHN	WA6EYX	WAY, ED	WA6KZN	HEITGER, BOB	W6TCI	WILLIAMS, HARRY
N6AOP	ABBOTT, BOB	K6EZD	BORN, MAYNARD	W6LAP	MUSGROVE, BILL	W6TFB	HUNT, LLOYD
WD6A0Z	MOORE, WADE	WA6EZI	MILLER, HELEN	WA9LRC	MIRIDAS, RICHARD	WA6TIQ	BYRD, ED
N6AT	CASSEN, FRANK	KA6FDW	CHASTIAN, ED	WB6HEI	HAMMOND, J. D.	W6TOO	GLASS, CHARLES
WB6AUK	EVANS, LOUISE	WB7FEC	BENNETT, DOROTHY	KB6MI	SMITH, GEORGE	WB6TQF	HALYBURTON, ALEX
N6AVQ	COUTS, MARCUS	W6FET	STOVALL, HERB	KA6MLY	PARMIANI, JUDI	K6TXB	HAY, JAMES
K6AWP	KREYSLER, KATHY	WD6FGL	LONG, JOHN	G8MOE	COMER, SUSAN	W6TZV	CRISPELL, HAL
WD6AXD	SPRINKLE, FRANK	KA6FHJ	STOVALL, B. L.	W6MUO	SAUNDERS, DICK	KB6UE	DICKEY, CLIFF
K6AYJ	NICHOLS, EDITH	KA6FJO	CHAMBERS, BOB	KA6MWU	PARMIANI, SAM	WA6UGG	WILSON, WES
N6AYQ	CAMPBELL, TRAY	WD6FKY	DODSON, JOANNE	K6MXM	CHICO, EARL	WB6UGH	QUINN, FRANK
WB6BEH	POLLOCK, WENDELL	WD6FOO	HARRIS, JIM	W1MZF	HILL, DON	WA6UKL	KNOTT, DICK
WB6BHE	HARVEY, VANESSA	W9FQN	ROHRER, STAN	N6NA	SMITH, MARV	W6US	SHEPHERD, HOWARD
W6BIH	TUPANCY, OSCAR	WD6FWE	JOHNSON, DON	W6NFG	MANDY, BILL	W6UUJ	BARTELS, HAROLD
W6BLK	TRUAX, RED	W2FWV	LEVESQUE, WILL	WB7NFH	KING, DICK	K6UZ	TARR, HAROLD
W6BLL	WILLIAMS, JACK	KD6FY	BELFIELD, SCOTT	WB6NIJ	MCLAREN, DAVID	W6VDA	VLNEN JR., BILL
N6BLQ	CAMPBELL JR, FLOYD	K6GHN	ELLIOTT, BILL	WA6NNC	RIVERA, BOB	WA6VKK	PARRISH, BILL
KD6BM	GILLINGHAM, LEW	WD6GIA	WYTHAN, JOHN	K6NS	CORNELL JR., MARTY	W6VQU	SASSER, JOHNNY
W6BOS	STEWART, ART	K6GJD	SALTER, BILL	W7NWE	MALONEY, JIM	WB6VSA	HESSER, BILL
WD6BQV	HENKE, NEIL	WA6GLH	EVANS, BILL	K6NZ	NORMAN, PAUL	WB6VYC	CHAMBLESS JR., BURR
W6BRF	MCCLUSKEY, PAUL	KA6GMN	BLOOD, MARSTON	WB6OBH	MAYES, PETE	WA6VYD	CHAMBLESS, BURR
WD6BRX	BROUILLET, PAUL	KA6GNY	KING, SUSIE	W6OKG	GLASER, PETER	KBWEN	CARLSON, JACK
W6BTN	KREYSLER, BILL	WA6G00	CUBIC ARS,	W6OLQ	TENTOR, JOHN	K6WK	SPRAGUE, ZANE
N6BRK	MILLER, BUCK	KA6GPK	MCCANN, JACK	W6OMM	JORDAN, F. C. B.	K7WLX	FELTON, BOB
KD6BW	HOLT, SAMUEL	KA6GRG	CALVERT, CHUCK	K6OWU	UNDERWOOD, JOHN	WA6WQI	JENKINS, MICKY
W6BWD	KUHLEMEIER, BUD	WB6GXR	MCBRIDE, WILLERT 'MAC'	W6OZF	SCHNELL, FRED	W6WRM	VIDNIC, CARL
W6BXJ	COUP, BOB	K6HAP	SEVERS, WALLACE	WB6OZT	RICE, BOB	WA6WTZ	FRANKLIN, OLIVIA
K6C	COMER, BRIAN	K6HAV	CROSSMAN, RALPH	W6PEU	GARLOW, BRITT	WB6WUA	EDWARDS, HOWARD
W6CAX	LYONS, ALLAN	W6HAW	OLSEN, BOOTS	WA6PJG	WORTH, JERRY	WB6YBF	LEVENSTEIN, LARRY
N6CGR	MALONEY, MOLLIE	WD6HCH	HILLER, HARVEY	WA6PLX	WEST, LARRY	K7YCI	SANDEN, JERRY
N6CKH	DEMOS, TED	WB6HFE	RAMME, FRANK	W5POQ	KELSO, TED	WB6YIH	WATROUS, BOB
N6CKQ	BROADBENT, LOUIS	WB6HMY	LAPINTE, JOE	WB6PPB	CHURCH, RAY	WA6YJC	HOWES, SAM
K6CLK	WHEMPNER, RUSS	W6HOW	TYCE, ROLAND	N6PW	NELSON, WILLIAM	WA6YME	LEE, CHET
KA6CRI	CASEY, BOYD	KA6HOQ	STEPHENS, GENE	WA6RBO	WILLIAMS, RICHARD	WB6YVT	GOLDEN, CHUCK
N6CSO	SULLIVAN, FRANK	WA6HPP	TIPTON, FRANK	W6QCA	DAVIS, LARRY	N6YX	BELL, BOB
WB6CYX	MCGUFFEY, GALE	WB6HSZ	CAMPBELL, JOHN	K6QCW	BARBER, JOHN	W6YYV	BURDETTE, SAM
KA6DAL	FLYNN, VINCENT	W6HUJ	MUNCEY, J. E.	WB6QEZ	WISE JR., BILL	AD6Z	RICE, JANE
WD6DBT	LAVIGUEUR, ED	N6HV	PAPPENFORT, R. B.	KB6QF	HORRELL, MAURICE	AK6Z	LEE, GAYLE
N6DEI	SOMERSET, PENNY	WA6HYC	WATT, BILL	W6QF	RICE, R. E. 'BOB'	WB6ZJZ	GIBBS, CHARLEY
W6DEY	MAXSON, ROY	W6HZJ	KREBS, RUSS	W6QF	FORBES, JACK	WA6ZKC	WOLFE, EMILY
KL7DG	TRENT, JOHN	KH6I	SEAVERN, FRANK	K6QPG	GARLOW, MARY	WA6ZKD	WOLFE, STAN
WB7DLX	BENNETT, JOHN	KH6IBX	HANSON, MELVIN	W6QWH	WOODHOUSE, S. A.	W6ZLV	KRAMER, ED
WD6DNP	WICK, ARNE	WB6IKF	FRANKLIN, JIM	WB6QYO	KNECHTEL, BARRON	W6ZMX	ERICKSON, ERIC
KA6DNP	MAHAFFEY, WILLIAM	W6IM	MAERTINS, WALTER	WA1RIP	GROBARD, JACK	WA6ZXZ	HOOD, CHARLIE
W6DWE	KIRKPATRICK, CLAUDE L.	W6INI	SMITH, ART	WB6RLU	CALVIN, ED	W6ZYT	LONDELIOUS, JOHN
KA6DWU	BURTON, DOC	WB6IPJ	HOLLANDER, BOB	K6ROR	SCHUTZE, PHIL	W6ZZ	PUGSLEY, GEORGE
KA6DWV	CLARK, BOB	W6IPP	KAVAN, JIM	K6RTD	MAYNARD, GEORGE	ASSOC.	CLARK, ILEAN
KA6DXD	RAKIREZ, TONY	WB6IQS	KUIVINEN, JOHN	K2RTQ	HASSELL, NATHANIEL W.	ASSOC.	CROSSMAN, PAT
KA6DXG	WATTS, ED	W6IRM	INSKEEP, CHUCK	WB6RWP	SWARTZ, TERRY	ASSOC.	TRAN, VAN
KA7DXT	DEALY JR., BILL	W6ISP	HARRIS, JIM	K6RY	HAWKINS, H. W.		

5 B4	W6OKG	10 ??	KD6EM	11 E6	WA6HFP	15 C3	WD6AOL	25 A5	KA7DXT	52 A5	W6DWE
5 B5	KA6KDX	10 A3	KA6CRI	11 E6	W6BIH	15 D1	W6UUJ	25 A5	W6IPP	52 D1	W6INI
5 B5	WA6DYV	10 A3	KA6IXG	11 F4	WA6WTZ	15 D1	K6GJD	25 B1	W2FWV	52 D2	KH6IBX
5 C4	WB6EHJ	10 A5	KA6DWV	11 F4	WB6IKF	15 D2	WB6UGH	25 B5	W6BRF	53 A4	W6ISP
5 D2	W6ZLV	10 C2	WA6VYD	12 A5	W6QF	15 E2	WA6EJL	25 E5	N6HV	53 B2	WA6TIQ
5 D2	W6ZYT	10 C2	WB6YYC	13 D3	WB6HMY	15 E4	K6RTD	26 A6	WA6ZKC	53 B5	KA6FJO
5 D2	W6FET	10 C6	W6TFB	13 E1	WB6MUA	15 F4	K6EJO	26 A6	WA6ZKD	53 C6	WB6CYX
5 E2	W6PEU	10 D1	WA6QBO	13 E1	WA6SCV	16 A4	AK6Z	27 F2	W6ZZ	53 D5	WB6TQF
5 E2	K6QPG	10 D2	WA6PJG	13 E4	WD6FWE	16 C1	ASSOC.	28PC1	WA6ZXZ	53 D5	WB6SML
5 F2	N6AYQ	10 D5	W6MUO	13 F1	N6CKH	16 C1	K6HAV	29 C1	WD6FKY	53 E4	WB6MEI
5KCS	N6AT	10 E5	W6ZMX	13 F1	N7AMR	16 D6	W6EYP	30 A4	K6WK	54 C4	WD6A0Z
5KCS	W6HZJ	10 E6	WA6MNC	13 F3	W6VQU	16 D6	W6DEY	30 A5	WA6UKL	54 C5	WB6STZ
6 B6	WD6AHW	10 E6	WD6GIA	14 A2	WB6TBA	16 E6	KA6DWU	30 A5	N6PW	54 C5	K6OWU
6 C6	WB6IPJ	10 F4	W6YYV	14 A3	WA6KZN	17 C5	K6MXM	30 B3	N6CKQ	54 D1	KA6MWU
6 D3	K6EQN	11 A5	N6NA	14 A4	WD6BQV	17 E6	WA6EYX	31 A3	W6OMM	54 D1	KA6MLY
6 E2	K6AYJ	11 A6	WB6SLY	14 B1	N6CGR	19 C4	W6HUJ	32 C5	W6OLQ	54 F2	WA6PLX
6 E2	W6EVL	11 B3	WB6RWP	14 B1	W7NWE	19 C5	WD6ENK	32 E2	W6SSL	54 F5	W6QCA
7 C6	WB6TBH	11 B4	WB6HSZ	14 B2	WA9LRC	20 B6	WA6ACL	32 F2	WA1RIP	55 B6	WD6AXD
7 D4	KD6BW	11 C1	WD6FGL	14 B3	WB6WQ	20 C3	WD6DBT	32 F2	WB6QEZ	56 E4	W1MZF
7 D5	WD6FOO	11 C1	WB6NIJ	14 B3	KA6A0J	20 C5	KA6GPK	33 A2	KD6FY	58 A1	W6JLW
7 D5	WA6WQI	11 C2	K6ROR	14 B3	WA6TAW	20 D3	WB6OBH	33 A2	K6EZD	59 B4	N6BOK
7 D6	WB6HFE	11 C2	WA6UGG	14 B5	K7WLX	20 E1	KB6UE	33 A2	WA6YME	59 B5	W6TZV
7 E5	K6NS	11 C3	W6QWH	14 C1	WA6YJC	20 F2	WB6IXQ	33 A5	K7YCI	59 D6	K6TXB
8KF5	W9FQN	11 C4	N6DEI	14 C1	W6CAX	21 E2	KA6GMN	33 B2	K6RY	60 C5	K6QCW
9 B4	KA6GRG	11 C5	WB6TBQ	14 C3	W6SCI	21 E2	WB6BHE	33 B2	KA6FHJ	61 C1	WB6QYO
9 C4	WB7NFH	11 D4	W6HAW	14 C4	W6WRM	21 E2	W6JSP	34 A4	W6US	62 B2	W6VDA
9 C4	KA6GNY	11 D5	W6JSL	14 D5	K6CLK	21 E3	KF6C	35 F6	K8WEN	62 C3	W6BLK
9 C5	WD6ENJ	11 D5	ASSOC.	14 E1	WB6ZJZ	21 E3	G8MOE	35 F6	K2RTQ	64 B1	W6BTN
9 C5	W6IRM	11 D6	W6TCI	14 E1	WB6YVT	22 B4	WB7FEC	39 E3	N6BLQ	64 B1	K6AWP
9 C5	WA6SVN	11 E3	WB6IQS	14 E1	WB6OZT	22 B4	WB7DLX	39 E3	KM6A	65 A4	W6TOO
9 C5	WA6HYC	11 E4	WB6PPB	14 E1	AD6Z	22 E6	N6YX	39 E3	N6KI	66 D6	KB6MI
9 E4	W6EPM	11 E4	K6SLA	14 E2	WB6ERF	23 A1	W6POQ	40 D3	K6NZ	67 F1	K6HAP
9 E5	KB6AI	11 E5	W6BXJ	14 F2	W6OZF	23 A1	WA6KXY	43 E4	WD6DNP	69 C3	WB6VSA
9 E5	N6CSO	11 E5	WA6GLH	14 F2	WA6KEY	23 B6	WD6BRX	45 B5	K6EJD	69 F4	W6HOW
9 E5	W6BLL	11 E5	WB6AUK	14 F2	K6UZ	23 C2	KA6BVM	46 C6	WD6HCH	71 D5	KH6I
9 E6	WB6JVS	11 E6	WB6RLU	14 F2	WA6KAR	24 D1	WB6YIH	48 B5	WB6GXR	72 B3	WA6JCG
9 F4	WD6ENL	11 E6	KB6QF	15 C3	WD6AOK	24 E3	WA6VKK	52 A1	WB6YBF	400 C4	W6QF

Name - Call - Address -	Membership Expiration -	License Expiration -	Phone -	Location (Thomas Bros. Map)				
ABBOTT, BOB N6ADP	P.O. BOX 333, ESCONDIDO CA 92025				07/81			
AMES, RUSS WB6STZ	6594 SEAMAN ST., SAN DIEGO CA 92120				07/81	05/82	583-3297	54 C5
BARBER, JOHN K6QCW	3761 3RD AVE APT K, SAN DIEGO CA 92103				07/81		299-5779	60 C5
BARTELS, HAROLD W6UUJ	1341 PHILLIPS ST., VISTA CA 92083				07/81	05/83	726-2616	15 D1
BELFIELD, SCOTT KD6FY	17083 ABRA WAY, SAN DIEGO CA 92128				07/81	06/85	487-7005	33 A2
BELL, BOB N6YX	1926 ALEXANDER DR., ESCONDIDO CA 92025				07/81	04/83	745-3722	22 E6
BENNETT, DOROTHY WB7FEC	1751-235 W. CITRACADO PKWY, ESCONDIDO CA 92025				07/81			22 B4
BENNETT, JOHN WB7DLX	1751-235 W. CITRACADO PKWY, ESCONDIDO CA 92025				07/81			22 B4
BETTIS, BOB K6EJD	5129 ARLEN CT., SAN DIEGO CA 92117				07/81			45 B5
BLOOD, HARSTON KA6GMN	1195-55 LA MOREE ROAD, SAN MARCOS CA 92069				07/81		741-0559	21 E2
BORN, MAYNARD K6EZO	12897 ELMFIELD LANE, POWAY CA 92064				07/81		487-7477	33 A2
BREGA, MIKE W6AAM	2307 WINDWARD LANE, NEWPORT BEACH CA 92660				07/81			
BROADBENT, LOUIS N6CKK	976 SANTA ESTELLA, SOLANA BEACH CA 92075				07/81		755-9179	30 B3
BROUILLET, PAUL WD6BFX	3131 MARY LANE, ESCONDIDO CA 92025				07/81		745-8070	23 B6
BROWNE, BOB WA6JCG	2285 RANCHO DR., SAN DIEGO CA 92139				07/81			72 B3
BURDETTE, SAM W6YVV	4718 WESTRIDGE DR., OCEANSIDE CA 92054				07/81	09/82	726-2624	10 F4
BURTON, DOC KA6DWU	637 RICHLAND ROAD, SAN MARCOS CA 92069				07/81		744-0482	16 E6
BYRD, ED WA6TIQ	6830 PETIT ST., SAN DIEGO CA 92111				07/81	10/82	277-4871	53 B2
CALVERT, CHUCK KA6GRG	1950 HARBOR DRIVE N., OCEANSIDE CA 92054				07/81		722-7423	9 B4
CALVIN, ED WB6RLU	1401 ALTA VISTA DR., VISTA CA 92083				07/81		724-2813	11 E6
CAMPBELL, JOHN WB6HSZ	324 EAST DR., VISTA CA 92083				07/81		724-1764	11 B4
CAMPBELL, TRAY N6AYQ	1307 BANYAN DR., FALLBROOK CA 92028				07/81			5 F2
CAMPBELL JR, FLOYD W6BLQ	8732 HEBRIDES DR., SAN DIEGO CA 92126				07/81		566-5285	39 E3
CARLSON, JACK K6WEM	10990 PEGASUS DR., SAN DIEGO CA 92126				07/81		566-2092	35 F6
CASEY, BOYD KA6CRI	3405 DUNES PL., OCEANSIDE CA 92054				07/81			10 A3
CASSEN, FRANK N6AT	3909 RECHE ROAD, FALLBROOK CA 92028				07/82		728-8003	5KCS
CHAMBERS, BOB KA6FJO	2247 W. JEWETT ST., SAN DIEGO CA 92111				07/81	05/85	560-4560	53 B5
CHAMBLESS, BURR WA6VYD	P.O. BOX 335, SAN LUIS REY CA 92068				07/81	09/83	757-6070	10 C2
CHAMBLESS JR., BURR WB6VYC	P.O. BOX 335, SAN LUIS REY CA 92068				07/81	09/83	757-6070	10 C2
CHASTIAN, ED KA6FDW	VF124 RA, NAS, MIRAMAR CA 92145				07/81		566-7642	
CHICO, EARL K6MXH	525-166 W. EL NORTE PKWY, ESCONDIDO CA 92026				07/81			17 C5
CHURCH, JIM K6SLA	1220 DOLPHIN CIRCLE, VISTA CA 92083				07/81	11/81	726-3321	11 E4
CHURCH, RAY WB6PPB	1220 DOLPHIN CIRCLE, VISTA CA 92083				07/81	09/84	726-3321	11 E4
CLARK, BOB KA6DWV	162 SHERRI LANE, OCEANSIDE CA 92054				07/81		439-7058	10 A5
CLARK, ILEAN ASSOC.	P.O. BOX 343, VISTA CA 92083				07/81		726-1313	11 D5
CLARK, LES W6JSL	P.O. BOX 343, VISTA CA 92083				07/81		726-1313	11 D5
COLLINS JR., JOHN WB6EHJ	517 MANDARIN WAY, FALLBROOK CA 92028				07/81		728-8185	5 C4
COMER, BRIAN KF6C	609 WASHINGTONIA DR., SAN MARCOS CA 92069				07/81			21 E3
COMER, SUSAN GBMOE	609 WASHINGTONIA DR., SAN MARCOS CA 92069				07/81			21 E3
CORDREY, KEITH W6KVR	33 CANYON ISLAND DR., NEWPORT BEACH CA 92660				07/81	08/81	759-0357	
CORLEW, DICK WB6ENL	3213 CAROLYN CIRCLE, OCEANSIDE CA 92054				07/81		757-9284	9 F4
CORNELL JR., MARTY K6NS	136 NIXON CIRCLE, OCEANSIDE CA 92054				07/81	07/83	758-0782	7 E5
COUNTRYMAN, BILL WA6AEZ	2805 MACDONALD ST., OCEANSIDE CA 92054				07/81	06/81	757-2520	9 F5
COUP, BOB W6BXJ	305 SKYLINE, VISTA CA 92083				07/81		726-4819	11 E5
COUTS, MARCUS N6AVD	P.O. BOX 1294, DESERT HOT SPRINGS CA 92240				07/81		329-8231	
CRISPELL, HAL W6TZV	4261 SANTA CRUZ AVE, SAN DIEGO CA 92107				07/81	03/82	223-9925	59 B5
CROSSMAN, PAT ASSOC.	3716 BLUEBIRD CANYON ROAD, VISTA CA 92083				07/81		727-5866	16 C1
CROSSMAN, RALPH K6HAV	3716 BLUEBIRD CANYON ROAD, VISTA CA 92083				07/81		727-5866	16 C1
CUBIC ARS, WA6GDD	9233 BALBOA AVE, SAN DIEGO CA 92123				07/81			
DAVIS, LARRY W6QCA	6578 CRYSTALIAIRE DR., SAN DIEGO CA 92120				07/81			54 F5
DEALY JR., BILL KA7DXT	1282 CREST DR., ENCINITAS CA 92024				07/81	05/82	753-2582	25 A5
DEMOS, TED N6CKH	1824-B IVY ROAD, OCEANSIDE CA 92054				07/81		433-4570	13 F1
DEVITT, NELL WB6ERF	4050 MIRA COSTA ST., OCEANSIDE CA 92054				07/81		724-5090	14 E2
DEWEY, BILL WB6AHW	4878 SAN JACINTO CIRCLE, FALLBROOK CA 92028				07/81		728-6912	6 B6
DICKEY, CLIFF KB6UE	1930 ENCINITAS ROAD #421, SAN MARCOS CA 92069				07/81		727-3294	20 E1
DODSON, JOANNE WB6FRY	2120 OXFORD AVE, CARDIFF BY THE SEA CA 92007				07/81		753-2346	29 C1
DOREY, PAUL WA6EJL	1536 SUNBURY COURT, VISTA CA 92083				07/81		726-5301	15 E2
EDWARDS, HOWARD WB6WUA	710 CALIFORNIA ST., OCEANSIDE CA 92054				07/81		439-8819	13 E1
ELDER, CHET W6KRH	P.O. BOX 222, ANZA CA 92306				07/81		763-4630	
ELLIOTT, BILL K6GHN	P.O. BOX 541, SOLANA BEACH CA 92075				07/81		755-4219	
ERICKSON, ERIC W6ZMX	4197 TERRY ST., OCEANSIDE CA 92054				07/81	06/82	726-6306	10 E5
EVANS, BILL WA6GLH	122 BELLERIVE DR., VISTA CA 92083				07/81	07/81	724-7901	11 E5
EVANS, LOUISE WB6AUK	122 BELLERIVE DR., VISTA CA 92083				07/81	07/81	724-7901	11 E5
FAUGHN, JIM WD6ENK	726 HIGHLAND DR., VISTA CA 92083				07/81		438-1075	19 C5
FELTON, BOB K7WUX	4803 NEBLINA DR., CARLSBAD CA 92008				07/81		729-5519	14 B5
FILKINS, FRED WB6ENJ	606 S. CLEMENTINE, OCEANSIDE CA 92054				07/81	02/83	722-6395	9 C5
FLYNN, VINCENT KA6DAL	RFD 113-J, DEL MAR CA 92014				07/81		755-1699	
FORBES, JACK W6QPP	2355 SAN CLEMENTE AVE, VISTA CA 92083				07/81	04/81	724-3218	12 A5
FRANKLIN, JIM WB6IKF	2174 FOOTHILL DR., VISTA CA 92083				07/81			11 F4
FRANKLIN, OLIVIA WA6WTZ	2174 FOOTHILL DR., VISTA CA 92083				07/81			11 F4
FUTTERER, CLEM WB6IXQ	1434 LA LINDA DR., SAN MARCOS CA 92069				07/81		744-1386	20 F2
GARLOW, BRITT W6PEU	1866 DAVIS DR., FALLBROOK CA 92028				07/81	12/81	728-4540	5 E2
GARLOW, MARY K6QPC	1866 DAVIS DR., FALLBROOK CA 92028				07/81	09/82	728-4540	5 E2
GATES, BOB WB6TBA	1777 BUTTERS ROAD, CARLSBAD CA 92008				07/81	08/82	729-1976	14 A2
GIBBS, CHARLEY WB6ZJZ	3213 WARING ROAD, OCEANSIDE CA 92054				07/81	12/82	758-3666	14 E1
GILLINGHAM, LEW KB6BH	1759 ROUNDTREE DR., OCEANSIDE CA 92054				07/81		723-9894	10 ??
GLASER, PETER W6OKG	P.O. BOX 490, FALLBROOK CA 92028				07/82	02/83	728-8223	5 B4
GLASS, CHARLES W6TOO	570 'H' AVE, CORONADO CA 92118				07/81		435-5060	65 A4
GOLDEN, CHUCK WB6VVT	3001 LUANA DR., OCEANSIDE CA 92054				07/81	05/82	724-1718	14 E1
GROBARO, JACK WAIRIP	12721 RIDS RD, SAN DIEGO CA 92128				07/81		485-7577	32 F2
HALYBURTON, ALEX WB6TOF	8339 ABBOTS HILL ROAD, SAN DIEGO CA 92123				07/81	02/82		53 D5
HAMMOND, J. D. WB6MEI	2907 SEGO PL., SAN DIEGO CA 92123				07/81			53 E4
HANSON, MELVIN KH6IBX	3306 YUCCA AVE, SAN DIEGO CA 92117				07/81			52 D2
HARRIS, JIM WB6FDD	4815 STEPHANIE PL., OCEANSIDE CA 92054				07/81		433-2160	7 D5
HARRIS, JIM W6ISP	2791 COWLEY WAY, SAN DIEGO CA 92110				07/81		276-5764	53 A4
HARVEY, FLOYD W6JSP	1195-33 LA MOREE ROAD, SAN MARCOS CA 92069				07/81	01/83	741-8391	21 E2
HARVEY, VANESSA WB6BHE	1195-33 LA MOREE ROAD, SAN MARCOS CA 92069				07/81	01/83	741-8391	21 E2
HASSELL, NATHANIEL W. K6RTQ	8847 KEREMEOS WAY, SAN DIEGO CA 92126				07/81		271-7744	35 F6
HAVINS, MIKE WB6TBH	4852 TACAYNE DR., OCEANSIDE CA 92054				07/81		757-4503	7 C6
HAWKINS, H. W. K6RY	13450 SAGEWOOD DR., POWAY CA 92064				07/81		487-2499	33 B2
HAY, JAMES K6TXB	2829 N. NIMITZ BLVD, SAN DIEGO CA 92106				07/81			59 D6
HEITGER, BOB WA6KZN	1708 BONITA LANE, CARLSBAD CA 92008				07/81	08/83	729-4504	14 A3
HENKE, NEIL WB6BIV	1650 SANDALWOOD LANE, CARLSBAD CA 92008				07/81	05/83	729-4602	14 A4
HILL, DON W1MZF	1835 E. MAIN ST., EL CAJON CA 92021				07/81		579-9569	56 E4
HILLER, HARVEY WB6HCH	10652 GABACHO DR., SAN DIEGO CA 92124				07/81	04/85	292-7623	46 C6
HOLLANDER, BOB WB6IPJ	5006 SAN JACINTO CIRCLE, FALLBROOK CA 92028				07/81	02/84	728-2011	6 C6
HOLT, SAMUEL KD6BW	719 RENA DR., OCEANSIDE CA 92054				07/81	06/83	757-1739	7 D4
HOOD, CHARLIE WA6ZXX	1328 ASH ST., RAMONA CA 92065				07/81		789-1128	28PC1
HORGAN, JOHN WB6SHL	2430 GALAHAD RD., SAN DIEGO CA 92123				07/84			53 D5
HORRELL, MAURICE KB6QF	1906 ALTA VISTA DR., VISTA CA 92083				07/81	05/83	726-7111	11 E6
HOWES, SAM WA6YJC	3656 AQUA LANE, OCEANSIDE CA 92054				07/81		757-1498	14 C1

HUNT, LLOYD	W6TFB	1956 CALLE BUENA VENTURA, OCEANSIDE CA 92054	07/81	08/83	757-9374	10	C6
INSKEEP, CHUCK	W6IRM	631 S. CLEMENTINE, OCEANSIDE CA 92054	07/81	02/81	722-2201	9	C5
JENKINS, MICKY	WA6WQI	4815 STEPHANIE PL., OCEANSIDE CA 92054	07/81		433-2160	7	D5
JOHNSON, DON	WD6FWE	3140 LINCOLN ST., CARLSBAD CA 92008	07/81		439-6083	13	E4
JORDAN, F. C. B.	W6OMM	P.O. BOX 1177, RANCHO SANTA FE CA 92067	07/81		756-2993	31	A3
KAVAN, JIM	W6IIPF	1050 CREST DR., ENCINITAS CA 92024	07/81	03/83	753-1090	25	A5
KELSO, TED	W6POO	1700 FAIRDALE AVE, ESCONDIDO CA 92027	07/81		746-8716	23	A1
KING, AL	W6SSL	16816 DOMINICAN DR., SAN DIEGO CA 92128	07/82	04/81	485-6316	32	E2
KING, DICK	W87NFH	626 MONTEREY DR., OCEANSIDE CA 92054	07/81			9	C4
KING, SUSIE	KA6GNY	626 MONTEREY DR., OCEANSIDE CA 92054	07/81			9	C4
KIRKPATRICK, CLAUDE L.	W6DWE	1744 PACIFIC BEACH DR., SAN DIEGO CA 92109	07/81		273-9735	52	A5
KNECHTEL, BARRON	WB6QYD	4715 LUCILLE DR., SAN DIEGO CA 92115	07/81		582-9561	61	C1
KNOTTS, DICK	WA6UKL	768 SOLANA CIRCLE EAST, SOLANA BEACH CA 92075	07/81			30	A5
KRAMER, ED	W6ZLV	1551 E. HILLCREST LANE, FALLBROOK CA 92028	07/81	08/84		5	D2
KREBS, RUSS	W6HZJ	3909-108 RECHE ROAD, FALLBROOK CA 92028	07/81	03/82	728-8925	5	KC5
KREYSLER, BILL	W6BTN	3566 WILCOX ST., SAN DIEGO CA 92106	07/81		224-5296	64	B1
KREYSLER, KATHY	K6ANF	3566 WILCOX ST., SAN DIEGO CA 92106	07/81		224-5296	64	B1
KUHLEMEIER, EUD	W6BWO	4010 TRIESTE, CARLSBAD CA 92008	07/81	06/82	729-5531	14	B3
KUIVINEN, JOHN	WB6IQS	1216 MARIPOSA COURT, VISTA CA 92083	07/81	03/83	724-8380	11	E3
LAPINTE, JOE	WB6HMY	188 EVERGREEN PKWY, OCEANSIDE CA 92054	07/81	10/83	722-6054	13	D3
LAVIGUEUR, ED	WD6DBT	6435 FLAMENCO ST., CARLSBAD CA 92008	07/81		438-1630	20	C3
LEE, CHET	WA6YNE	12702 ABRA DR., SAN DIEGO CA 92128	07/82		487-3454	33	A2
LEE, GAYLE	AK6Z	2907-51 S. SANTA FE, VISTA CA 92083	07/81	11/83	727-1220	16	A4
LEVENSTEIN, LARRY	WB6YBF	5802 CORRAL WAY, LA JOLLA CA 92037	07/81		454-5165	52	A1
LEVESQUE, WILL	W2FNV	7722 ANILO WAY, CARLSBAD CA 92008	07/81	08/82	436-3277	25	B1
LINCOLN, WARREN	W6EYF	1286-88 DISCOVERY ST., SAN MARCOS CA 92069	07/81		744-5097	16	D6
LOCKHART, WALT	W6SCI	2415 MARK CIRCLE, CARLSBAD CA 92008	07/81	09/80	729-7846	14	C3
LONDELIOUS, JOHN	W6ZYT	1479 SANTA MARGARITA DR., FALLBROOK CA 92028	07/81			5	D2
LONG, JOHN	WD6FGL	2266 BAUTISTA, VISTA CA 92083	07/81		726-2819	11	C1
LYONS, ALLAN	W6CAX	3650 CAMPUS DR., OCEANSIDE CA 92054	07/81	05/81	757-2610	14	C1
MAERTINS, WALTER	W6IM	P.O. BOX 6041, SAN DIEGO CA 92106	07/81				
MAHAFFEY, WILLIAM	KA6DVN	2082 MOUNTAIN VIEW DR., ESCONDIDO CA 92027	07/81		743-8729	23	C2
MALONEY, JIM	W7NWE	2326 HOGAN WAY, OCEANSIDE CA 92054	07/81		722-3053	14	B1
MALONEY, MOLLIE	N6CGR	2326 HOGAN WAY, OCEANSIDE CA 92054	07/81		722-3053	14	B1
MANDY, BILL	W6NFG	2425 MELODY LANE, YUMA AZ 85364	07/81				
MARYGOLD, GENE	K6EJO	442 SMILAX ROAD, VISTA CA 92083	07/84		727-0811	15	F4
MAXSON, ROY	W6DEY	809-60 DISCOVERY ST., SAN MARCOS CA 92069	07/81	04/82	744-0096	16	D6
MAYES, PETE	WB6OBH	1700 KINGLET ROAD, SAN MARCOS CA 92069	07/81	05/82	744-6213	20	D3
MAYNARD, GEORGE	K6RTD	643 PLUMOSA AVE, VISTA CA 92083	07/81		727-2374	15	E4
MCCBRIDE, MILLERT 'MAC'	WB6GXR	9493 EMERALD GROVE AVE, LAKESIDE CA 92040	07/81		561-2211	48	B5
MCCANN, JACK	KA6GFK	3336 PIRAGUA ST., CARLSBAD CA 92008	07/81		435-9883	20	C5
MCCLOSKEY, PAUL	W6BRF	1718 BELLE MEADE ROAD, ENCINITAS CA 92024	07/81	09/80	436-2392	25	B5
MCCORD, BILLY	WB6TBQ	222 WASHINGTON ST., VISTA CA 92083	07/81	06/82	724-3837	11	C5
MCGUFFEY, GALE	WB6CYX	7273 COURTNEY DR., SAN DIEGO CA 92111	07/81		292-8550	53	C6
MCLAREN, DAVID	WB6NIJ	2330 MALEE DR., VISTA CA 92083	07/81	03/83	758-0246	11	C1
MESSER, BILL	WB6VSA	219 ELDER AVE, CHULA VISTA CA 92010	07/81		420-3540	69	C3
MILLER, BUCK	N6BUK	4517 SANTA MONICA AVE, SAN DIEGO CA 92107	07/81		224-0196	59	B4
MILLER, HELEN	WA6EZI	P.O. BOX 1043, CARLSBAD CA 92008	07/81	02/84	729-4138		
MIRDAS, RICHARD	WA9LRC	2325 PASEO DE LAURA APT 325, OCEANSIDE CA 92054	07/81		439-0969	14	B2
MOORE, WADE	WD6ADZ	5019 OLD CLIFFS ROAD, SAN DIEGO CA 92120	07/81	12/82	287-6158	54	C4
MUNCEY, J. E.	W6SHUJ	7227 SAN BARTOLO, CARLSBAD CA 92008	07/81			19	C4
MUSGROVE, BILL	W6LAF	875 TOURMALINE ST., SAN DIEGO CA 92109	07/81				
NELSON, WILLIAM	N6PW	516 S. NARDO AVE, SOLANA BEACH CA 92075	07/81		755-3533	30	A5
NICHOLS, EDITH	K6AYJ	1473 WINTERWARM DR., FALLBROOK CA 92028	07/81		728-1717	6	E2
NICOLS, ART	W6EVL	1473 WINTERWARM, FALLBROOK CA 92028	07/81		728-1717	6	E2
NORMAN, PAUL	K6NZ	11793 LA COLINA ROAD, SAN DIEGO CA 92131	07/81		271-0991	40	D3
OLSEN, BOOTS	W6HAW	1212 CALLE JULES, VISTA CA 92083	07/81		726-1440	11	D4
ORR, ALAN	KA6KDX	1665 PARVENU LANE, FALLBROOK CA 92028	07/82		728-4106	5	B5
PALMER, WILLIS	WD6AFJ	P.O. BOX 2395, TRONA CA 93562	07/81	09/82			
PAPPENFORT, R. B.	N6HV	P.O. BOX 1062, RANCHO SANTA FE CA 92067	07/81	08/82	756-2973	25	E5
PARMIGIANI, JUDI	KA6MLY	4638 TERRAZA CIR, SAN DIEGO CA 92124	07/81		565-4655	54	D1
PARMIGIANI, SAM	KA6WU	4638 TERRAZA CIR, SAN DIEGO CA 92124	07/81		565-4655	54	D1
PARRISH, BILL	WA6VKK	715 DEL RIEGO AVE, ENCINITAS CA 92024	07/81		753-1808	24	E3
POLLOCK, WENDELL	WD6REH	P.O. BOX 351, CASTAIC CA 91310	07/81				
PORTER, BOB	WA6ACL	2612 GALICIA WAY, CARLSBAD CA 92008	07/81		436-6032	20	B6
PORTER, JACK	K6EQN	1335 HILLSIDE DR., FALLBROOK CA 92028	07/82		728-1824	6	D3
PRICE, JOHN	WD6AOL	1107 BUENA VISTA DR., VISTA CA 92083	07/81	03/83	726-0234	15	C3
PRICE, LARUE	WD6AOK	1107 BUENA VISTA DR., VISTA CA 92083	07/81	03/83	726-5590	15	C3
PUGSLEY, GEORGE	W6ZZ	1362 VIA RANCHO PKWY, ESCONDIDO CA 92025	07/81	06/80	747-8710	27	F2
PULLEN, CLINT	WB6SLY	2020 MONTE VISTA DR., VISTA CA 92083	07/81	06/80	727-2002	11	A6
QUINN, FRANK	WB6UGH	270 MAR VISTA DR., VISTA CA 92083	07/81		724-9284	15	D2
RAINES, EVA	KA6ADJ	3520 CATALINA DR., CARLSBAD CA 92008	07/81	05/83	729-6460	14	B3
RAINES JR., R. F.	WA6TAW	3520 CATALINA DR., CARLSBAD CA 92008	07/81	02/82	729-6460	14	B3
RAMIREZ, TONY	KA6DXD	P.O. BOX 295, VISTA CA 92083	07/81				
RAMME, FRANK	WB6HFE	331 REDONDO DR., OCEANSIDE CA 92054	07/81		757-9365	7	D6
REITER, HERB	WA6KXY	1635-C E. GRAND AVE, ESCONDIDO CA 92027	07/81		489-8080	23	A1
RICE, BOB	WB6OZT	3130 MORNINGSIDE DR., OCEANSIDE CA 92054	07/81	04/84	724-3558	14	E1
RICE, JANE	AD6Z	3130 MORNINGSIDE DR., OCEANSIDE CA 92054	07/81	03/83	724-3558	14	E1
RICE, R. E. 'BOB'	W6RF	11807 MESA VERDE DR., VALLEY CENTER CA 92082	07/81		749-0265	400	C4
RIVERA, BOB	WA6MNC	4166 LONNIE ST., OCEANSIDE CA 92054	07/82		724-2383	10	E6
ROHRER, STAN	W9FON	30311 CIRCLE R LANE, VALLEY CENTER CA 92082	07/81	01/85	749-0276	8	KF5
ROUSE, HARRY A.	WB6JVS	328 CROUCH ST., OCEANSIDE CA 92054	07/81	02/81	757-2260	9	E6
ROWE, OCIE	KA6AOK	TRAVELING, PARTS USA 92000	07/81	06/83			
ROME, SHIRLEY I.	KA6AOL	TRAVELING WITH, PARTS USA 92000	07/81	06/83			
ROWLETT, GUY	K6BAI	2813 TURNBULL ST., OCEANSIDE CA 92054	07/81	06/83	757-1745	9	E5
RUSTIN, CHARLES	W6JLW	449 LA CRESTA RD, EL CAJON CA 92021	07/81			58	A1
SALTER, BILL	K6GJD	1327 PHILLIPS ST., VISTA CA 92083	07/81	12/82	726-2029	15	D1
SANDEN, JERRY	K7YCI	15127 JENELL ST., POWAY CA 92064	07/81		486-0533	33	A5
SASSER, JOHNNY	W6VQU	1107 LAS FLORES DR., CARLSBAD CA 92008	07/81	04/81	729-2119	13	F3
SAUNDERS, DICK	W6KUD	3902 BEDFORD AVE, O. ANSIDE CA 92054	07/81	05/84	724-0323	10	D5
SCHNELL, FRED	W6OZF	97 BLUE SKY LANE, OCEANSIDE CA 92054	07/81		724-0868	14	F2
SCHUTZE, PHIL	K6ROR	2333 MALEE DR., VISTA CA 92083	07/81	08/85	724-0098	11	C2
SEAVERN, FRANK	KN6I	2200-154 CORONADO AV., SAN DIEGO CA 92154	07/81	05/85	575-9387	71	D5
SEVERS, WALLACE	K6HAF	10707 JAMACHA BLVD #191, SPRING VALLEY CA 92077	07/81		460-2316	67	F1
SHEPHERD, HOWARD	W6US	P.O. BOX 308, DEL MAR CA 92014	07/81	08/81	755-9596	34	A4
SINN, GARY	KN6A	8733 PAGODA WAY, SAN DIEGO CA 92126	07/81		566-3982	39	E3
SMITH, ART	W6INI	4515 MELISA WAY, SAN DIEGO CA 92117	07/81	06/84	273-1120	52	D1
SMITH, GEORGE	KB6MI	1325 ROSELAWN ST., NATIONAL CITY CA 92050	07/81	04/84		66	D6
SMITH, HARV	N6NA	1138 CIELITA LINDA DR., VISTA CA 92083	07/81			11	A5
SOMERSET, PENNY	N6DEI	1037 BARTLETT DR., VISTA CA 92083	07/81		941-0137	11	C4
SPIEGEL, FRED 'DOC'	WA6KEY	248 HAVEN VIEW LANE, OCEANSIDE CA 92054	07/81	08/82	726-3907	14	F2
SPRAGUE, ZANE	K6WK	434 GLENCREST DR., SOLANA BEACH CA 92075	07/82		481-0594	30	A4
SPRINKLE, FRANK	WD6AXD	5757 LAKE MURRAY BLVD #25, LA MESA CA 92041	07/81		463-9143	55	B6
STEPHENS, GENE	KA6HOQ	6551 WARNER AVE APT-122, HUNTINGTON BEACH CA 92647	07/81				

STEWART, ART	W6BOS	235 WEST 10TH AVE, ESCONDIDO CA 92025	07/81			
STOVALL, B. L.	KA6FHJ	13451 SAGEWOOD DR., FOWAY CA 92064	07/81		487-3922	33 B2
STOVALL, HERB	W6FET	1475 SANTA MARGARITA DR., FALLBROOK CA 92028	07/81			5 D2
SULLIVAN, FRANK	N6CSO	2722 MESA DR., OCEANSIDE CA 92054	07/81		757-7435	9 E5
SULLIVAN, HERB	N6AMF	2783 N. GENEVIEVE ST., SAN BERNARDINO CA 92405	07/81		886-6106	
SWADER, JACK	WA6DYV	1455-118 S. ALTURAS, FALLBROOK CA 92028	07/81		728-8064	5 B5
SWARTZ, TERRY	WB6RWP	303 W. INDIAN ROCK ROAD, VISTA CA 92083	07/81	04/82	758-3740	11 B3
TARR, HAROLD	K6UZ	6 BLUE SKY LANE, OCEANSIDE CA 92054	07/81	03/83	726-3579	14 F2
TENTOR, JOHN	W6OLO	11012 AVENIDA MARIA, SAN DIEGO CA 92129	07/81			32 C5
TIPTON, FRANK	WA6HPP	765 ALTA VISTA DR., VISTA CA 92083	07/81	10/83	726-3853	11 E6
TRAN, VAN	ASSOC.	2719 EMERALD DR., OCEANSIDE CA 92054	07/81			
TRENT, JOHN	KL7DG	1700 E. TUDOR RD., ANCHORAGE AK 99507	07/81			
TRUAX, RED	W6BLK	7915 SHADOW HILL DR., LA MESA CA 92041	07/81			62 C3
TUFANCY, OSCAR	W6BTH	1535 SUNRISE DR., VISTA CA 92083	07/81		726-0459	11 E6
TYCE, ROLAND	W6HON	166 VIA DE LAURENCIO, CHULA VISTA CA 92010	07/81		422-1933	69 F4
ULMER, HAROLD	W6EPH	2550 FAHVANI ST., OCEANSIDE CA 92054	07/81			9 E4
UNDERWOOD, JOHN	K6OWU	6510 CARTWRIGHT ST., SAN DIEGO CA 92120	07/81	07/82	583-1182	54 C5
VERNACCHIA, DENNIS	N6KI	8993 COVINA ST., SAN DIEGO CA 92126	07/81	08/82	271-6079	39 E3
VIDNIC, CARL	W6WRM	2410 STROMBERG CIR, CARLSBAD CA 92008	07/81		729-8574	14 C4
OLYMER JR., BILL	W6VDA	4850 JESSIE AVE, LA MESA CA 92041	07/81		286-9858	62 B2
WAGNER, DICK	WA6SLV	1847 CALIFORNIA ST., OCEANSIDE CA 92054	07/81	11/83	757-7048	13 E1
WANDSCHNEIDER, HERB	WA6SVN	1029 S. NEVADA, OCEANSIDE CA 92054	07/81	02/84	722-2803	9 C5
WATROUS, BOB	WB6YIH	1003 HYGEIA AVE, LEUCADIA CA 92024	07/81	08/82	753-4704	24 D1
WATT, BILL	WA6HYC	1733 S. DITMAR ST., OCEANSIDE CA 92054	07/81	07/82	722-2657	9 C5
WATTS, ED	KA6DYG	3415 SAHARA PL., OCEANSIDE CA 92054	07/81		757-7952	10 A3
WAY, ED	WA6EYX	896 N. GAMBLE ST., ESCONDIDO CA 92026	07/82	10/81	745-4069	17 E6
WEST, LARRY	WA6PLX	8362 HIGH WINDS WAY, SAN DIEGO CA 92120	07/81		286-2829	54 F2
WHEKNER, RUSS	K6CLK	5177 DON MATA DR., CARLSBAD CA 92008	07/81	08/80	438-1512	14 D5
WHITE, JACK	W6SMF	82-276 WARING WAY, INDIO CA 92201	07/82	08/81		
WICK, ARNE	WD6DNP	615 ROSEMONT ST., LA JOLLA CA 92037	07/81		454-4341	43 E4
WILLET, ALLEN	N7AMR	1713 AVOCADO ROAD, OCEANSIDE CA 92054	07/81		433-8881	13 F1
WILLIAMS, HARRY	W6TCI	1330 PHILLIPS ST., VISTA CA 92083	07/81	11/81	724-3471	11 D6
WILLIAMS, JACK	W6BLI	2218 WINCHESTER, OCEANSIDE CA 92054	07/81		433-9176	9 E5
WILLIAMS, RICHARD	WA6QPD	P.O. BOX 177, SAN LUIS REY CA 92068	07/81		757-3734	10 D1
WILSON, WES	WA6UNG	2227 THUMBKIN LANE, VISTA CA 92083	07/81	05/82	724-0193	11 C2
WISE JR., BILL	WB6QEZ	12428 POMERADO COURT, SAN DIEGO CA 92128	07/81	08/82	487-0787	32 F2
WOLFE, EMILY	WA6ZIC	P.O. BOX 592, SOLANA BEACH CA 92075	07/81	02/83	756-3320	26 A6
WOLFE, STAN	WA6ZKD	P.O. BOX 592, SOLANA BEACH CA 92075	07/81	03/83	756-3320	26 A6
WOODHOUSE, S. A.	W6QWH	P.O. BOX 208, VISTA CA 92083	07/81	02/84	724-9482	11 C3
WORTH, JERRY	WA6PG	172 FRANCESCA DR., OCEANSIDE CA 92054	07/81	02/82	439-0256	10 D2
WURZBURG, BOB	WA6KR	22 BLUE SKY LANE, OCEANSIDE CA 92054	07/81	11/82	724-7995	14 F2
WYTKAN, JOHN	WD6GIA	3919 SHERBOURNE DR., OCEANSIDE CA 92054	07/81	11/84	726-5888	10 E6

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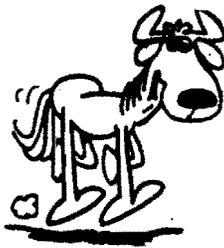


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WB6IQS
P.O. BOX 1466
VISTA CA

07/81

92083

NORTHERN SAN DIEGO COUNTY



W6NWG
SCOPE

WR6AII

VOL. XV, NO. 12

THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

DECEMBER, 1980

PRESIDENT: Charley Gibbs, WB6ZJZ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREASURER: Jim Church, K6SLA, Vista (CA 92083 - that is)

Membership in the Palomar Amateur Radio Club is \$7.50 per year, with time off for good behaviour, but no initiation fee like some of the real clubs have. Family membership is \$7½ for the first family member and \$5 for each successive family member living at the same address. Your club dues not only make you a club member, but you also get the SCOPE for a full, action-packed year - willy nilly. The SCOPE without the club membership is \$2.50 per annum (and yes, there are SOME folks who are just plain subscribers, believe it or not!). Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the address above or at club meeting or flea market. Each new or renewed member will, henceforth, get one picnic raffle ticket upon his (or her) enlistment or reenlistment.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M FM repeater with an input frequency of 146.130 MHz and an output of 146.730 MHz located at about 5,600 feet on Mount Palomar; and a UHF FM repeater with an input of 444.424 MHz and an output frequency of 449.425 MHz located on Old Baldy between Vista and San Marcos. Both machines are for club members and occasional transient users. They are carrier operated.

John Kuivinen, WB6IQS, who is our Repeater Committee Chairman, says that the club still needs a tower of 40'-50' in height to get our repeater antennas above the trees. If you know of such at a very reasonable price, call John on the repeater or at 724-8380.

Co-located on Mount Palomar with WR6AII is WD6HFR, an open, carrier-operated 220 MHz repeater belonging to the 220 Club of San Diego. The 220 Club kindly extends operating privileges on WD6HFR to PARC members. The input frequency is 223.300 MHz and the output is 224.900 MHz.

The December club meeting will, without fail, probably take place on Wednesday, the 3rd (of December, with any luck at all) at 7:30 of the evening in the Community Room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in wistful Vista. Election and installation of officers will take place. No information is available as to the evening's program as this is written (rotten?).

The club's Executive Committee meets almost every second Thursday of the month at Sambos on Broadway in Vista. Interested club members are welcome to observe - no doubt.

FLEA MARKET! FLEE MARQUET! FULEY MARKIT! FLEA MARCKET! FLEA MARKET!
The club has again started the radio amateurs' flea mart. This time at the Valley Drive-In, just west of El Camino Real on Mission (Route 76). The event will take place on the 3rd Sunday of the month starting at 8:00 a.m., and the ham sellers occupy the row closest to Mission. Entry costs 35¢ for buyers and \$5 for sellers. Contact Casey, KA6CRI, or Micky, WA6WQI, for more details.

AT THE NOVEMBER CLUB MEETING: Captain Van Meter of the California Department of Forestry told us about the state's fund-supported program called Volunteers in Prevention - you can now collect mileage for your Red Flag Alert patrolling - both of you. He also showed a film on how to patrol. The revival of the club's flea market as a part of the Valley Drive-In flea market was announced. The Nominating Committee announced its new slate of club officers: Sam Holt, KD6BW for President; Joe La Pointe, WB6HMY for Vice President; Bill McCord, WB6TBQ
(Continued - hopefully)

(AT THE NOVEMBER MEETING continued, probably)
for Secretary; and Jim Church, K6\$LA for Treasurer. Still needed are
Chairmen for the Refreshment, Prize, and Interference Committees. It
was also announced that there will be no Christmas Party due to a total
lack of response.

AT THE NOVEMBER EXECUTIVE COMMITTEE MEETING: Nobody showed up since it
had been cancelled.

Want instant recognition? See the club's badger, K6\$LA and order your
very own red and white PARC badge. For a small sum, Jim will order your
badge and even have your name and call sign thereon inscribed. Do it!

FORESAIL:
203BA 20M beam, \$50. Kirk Helicoidal 15M beam, \$65. TR3 10-15-20M beam,
\$89. Call Will, W2FWV, at 436-3277.

Swan 700CX 700W P.E.P. xcvr, \$400. 117XC AC supply w/spkr, \$100. 117X
AC supply w/14C 12 VDC module, \$114. VX-2 vox, \$40. Pair of spare 8950
final tubes \$10. All in new condx. Call Jack, K8WEN, at 566-2092.

WANTED: (Dead or alive) Nothing. We've got it all.

Over the period 16-18 November Santa Ana winds and low humidity caused
the declaration of Red Flag Alerts. The following folks operated mobile
in support of the alerts: On the 16th, WA6HPP, N6AYQ, WB6HSZ, KF6C,
W6HUJ & XYL, WD6ENK, WA6IKF, WB6TBQ, and WA6DNT. On the 17th, WB6TBQ,
W6OKG & incipient ham John Thorndike, W6FVB, WB6HFE, and N6AYQ. On the
18th, W6OKG & rider, W6HUJ & XYL, and WB6TBQ & XYL. Fixed stations oper-
ating in support of the alerts were W6SCI, WB6HMY, W6IPP, and WA6KEY.

After the three days of operating, Walt, W6SCI says:

WHAT WILL YOU DO? WHAT WILL YOU DO?

Last Sunday on the local A.R.E.S. nets 27 of 57 stations checked in on
the 2M net, and 21 of 33 on the 75M net. Both nets were informed of the
existence of a Red Flag Alert. A total of nine stations for the entire
North County area responded for the whole day. On Monday there were five.
On Tuesday the number dropped to three. A total of four stations acted
as fixed control stations.

It might be noted that essentially the same stations participated all
three days. Are you satisfied with your contribution? Have you helped?
Will you try to do more? The rainy season and possibility of floods is
coming. Many more stations may be needed. WHAT WILL YOU DO? WHAT WILL
YOU DO? IF YOU DON'T, WHO WILL? LET'S MAKE A.R.E.S. WORK!

Frank, N6AT, says that he had to make a long distance call to find out
who won the election for Division Director, since the ARRL bulletin
traffic was devoted to propagation condx. Frank says that Jay Holliday,
W6EJJ, was re-elected. Thanks, Frank and thanks for the bulletin traffic.

With the rainy season coming up, let's all get out our rain gauges and
wind them up and get them in position to get rained on. Remember our
rain reporting to the NWS is based on the total rainfall from 11:00 a.m.
one day to 11:00 a.m. the next; and is reported at 11:00 on WR6AII to
WB6HMY, along with the location of the reporting station such as east
Oceanside or south Fallbrook, etc. Semper paratus.

AMATEUR LICENSES EXPIRING: 2/81 W6IRM, 4/81 W6QP, W6SSL, and W6VQU.

When you enlist or reenlist in the ARRL, do so via the Palomar Amateur
Radio Club. If you do, the club will get a whole \$1½ which would other-
wise go to swell the coffers at Gnuington (CT 06111, that is), and it
won't cost you any more than if you hadn't (enlisted via the club).
Make your check for \$18 payable to the club and get it to Jim Church
at the club's P.O. Box 1603 address, or hand it to Jim at the next
meeting or flea market. Be sure and include your renewal form if you
are reenlisting. Jim will be internally grateful and will probably
dance with joy all the way to the bank.

PALOMAR AMATEUR RADIO CLUB HISTORY
PREFACE (continued)

Fred Elser, W6GVU, world traveler, finally settled down for a spell in the North County community of Carlsbad, quickly becoming acquainted with the area's amateurs. Frequent CW and phone schedules on many bands, and get-togethers created the desire to form a club. Many, including Fred Elser, W6GVU, and Doug Maw, W6DBV, gathered informally at the Radio Service Store of Art Stewart, W6BOS, in Escondido.

At this time, there were about 60,000 amateurs in the world and 45,000 of those in the U.S. 20,000 were members of the ARRL. The Southwestern Division of the ARRL was new, and its first Director was Charles Blalack, W6GG of Yuma. Harry Ambler, W6EOP, was San Diego Section SCM. Almost everyone built his own transmitter, and few had manufactured receivers. QST cost 25¢ a copy and \$2.50 per year, and first class mail cost 3¢ to post. FCC District 11 was in Los Angeles and exams were given at 9:00 a.m. on Mondays and Saturdays. Hammurlund advertised the Super Pro professional amateur receiver. In the Great Flood of 1936, 14 states were visited by one of the most appalling disasters in recorded history, and amateur radio came through gloriously during the 4th week of March.

Fred Elser, W6GVU, founded the Palomar Amateur Radio Club on 13 February 1936. Initially the club was known as the Northern San Diego County Radio Club, but several months later was changed to the present name. The new club started out in Escondido, at the home of Doug Maw, W6DBV, who was the first president. Meetings were held in the homes of various members, but it was difficult to get around the area, and going from Fallbrook to Escondido had to be via Vista and San Marcos and took more than an hour. Two lane paved roads were fine - lots weren't paved.

From 1936 QSTs: John Trent, W6MMZ, handled a 75 word message; and reported that Walter Woods, W6NCU, was a new ham in Escondido. Bill Musgrove, W6LAP, was a new reporter for the Section; and reported that Maurice Eckford, W6NDF, was a new ham in Escondido. The "Shadow", diathermy QRM was everywhere, and the FCC, which has nearly 500 personnel, was discussing fees for radio licenses. The ARRL said that this was a very short sighted national policy for amateur radio. Roy Jenkins, W6RB, was an Official Relay Station, and George Beal, W6FKT, reported FB at a ham meeting. Harry Field, W6LKC, Jack Cornell, W6MMO, Fred Elser, W6GVU, and George Beal, W6FKT, were on 1.75 mcs. John Trent, W6MMZ, reported 30 members attended a meeting of the club. Roy Jenkins, W6RB was planning on going to 28 mc. He and W6DAN met after eight years and had an FB ragchew. John Trent, W6MMZ, built and erected a 90' lattice tower. Jack Miller, W6NNH, was a new ham in Vista, and Harry Field had a new Breting receiver, while Jack Cornell, W6MMO, had a pair of 10s on 1.75 mc. Maurice Eckford, W6NDF, was QRL with Army manuevers, and the club put on a fine banquet on May 12th. About 60 attended. The required code speed was 13 wpm vice 10, and the Palomar Amateur Radio Club held a picnic at Live Oak Park on June 14, with an FB time for all. George Beal, W6FKT, reported his new rig working fine, and Mel Bacon, W6NWG, Bill Jago, W6NWI, Clint Call, W6OFT, and Vernon Choate, W6OFV, were all licensed in 1936. Walt Huckabay, W6JRQ, was in the retail business, a Ben Franklin Variety Store, and Ernie Epler, W6OUQ was working for an oil company. John Martin, W6ECP, was with the Oceanside Police Department, and Franklin Richter, W6LFU, was at the gas company. Hank Junge, W6BGL, owned an orange orchard, and Jack Williams, W6BLL, was in school. Ralph Culbertson, W6CHV, was at the Auto Electric Company servicing Atwater Kent receivers, while Stan Estes, W6CYI, had a radio shop in Solana Beach. Walt Schroeder, W6CLT, was a plasterer, Harold Ulmer, W6EPM, manufactured radio tubes, and Roy Williamson, W6NXX, repaired radios at home.

And that's the way it was during the first year of the Palomar Amateur Radio Club - 1936.

Thanks to all those who contributed information for the history. Particular thanks to Bob Heitger, WA6KZN, who has done all the "leg work" and has put it into a useable form. Harry Field, W6LKC, has been one of Bob's best sources of information about the early days of the club.

We hope to continue to trace the club's history; and to get as much of it as possible down on paper for posterity.

The Gint Computer would be very happy if everyone would check last month's club roster for his entry's correctness, particularly for Thomas Brothers Map location. Report corrections to the Gint Computer c/o the club's P.O. Box 1603 address or let some of us know on WR6AII or via the phone.

Thanks to Westcom Engineering for the generous donation of prizes at the last club meeting. The 2M mobile antenna and the several books were much appreciated. Westcom now has a Ham Room for the the display of amateur equipment. Drop in and give it a look. You can also verify that En Null has not turned into a parking lot despite rumors to the contrary.

The PARC had a total of 5,998 point scored during the ARRL Field Day Contest, for 19th place nationally in our transmitter class. Total contacts were 2,369 for 8th nationally. More cw ops are needed for next year if we want a higher ranking.

ARRL BULLETINS: Bulletin 105 of Oct. 16 indicates that while the FCC plans to advance the date considerably for the use of the new amateur bands, amateurs must not use the 10, 18, or 24 MHz bands until FCC issues official notification.

Bulletin 115 of Nov. 6 states that the FCC granted continuation of radio-location in the 420-450 MHz band on non-interference basis

Bulletin 116 of Nov. 11 indicates that ARRL has petitioned FCC for freedom for amateurs to experiment with digital modes on all bands above 50 MHz. Thanks to N6AT for bulletin traffic.

DOWN THE TOOBE:

Jack, W6QP, dint know he had had a heart attack until a later physical exam and EKG disclosed it. Wayta go, Jack.

Jack Miller, original PARC member and ex-W6NNH, likes the SCOPE so well he's subscribing. He says: "Say hello to everyone who knew me when."

Phil, K6ROR, left the Gint Computer for three days while he sojourned in the Medical Center at Camp Pendleton. Had to have a hot patch put on and vulcanized on a rupture or some such.

Jim Harris, WD6FOO, is now a cook on a mine sweeper in Charleston after finishing up his stint at Great Lakes. We used to talk to the Admiral who commanded all of the mine sweepers there. He was a ham, and checked out the sweepers' new SSB rigs on the ham bands.

The Hiway Co. at 305 Wisconsin in Oceanside has electronic surplus.

Sam, KA6MWU, OM of Judi, KA6MLY, is Chief Engineer on a tuna boat, so we don't hear him on the repeater very often, but Judi is a frequent check-in on the North County Traffic Net. We're glad to have them both as club members.

Frank, WA6HPP, says that with any luck at all we'll have a program put on by the photographer from Scripps Institute for our December meeting. Frank was waiting for his call.

Dick, WA6SCV, and Bob, WA6KZN, inspected the new quarry tile floor that K6HAV is busy putting down when he's not putting this rag on the street.

"That's all", she wrote.

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