NORTHERN SAN DIEGO COUNTY



W6NWG
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
TREA$URER: JIM CHURCH, K6$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 Amatuer 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 Trea$urer, Jim Church, K6$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 cheapy 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 Trea$urer 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 groundplane 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, WB6OXK, 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 Washingtonia 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 Lynnette 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, knowlege 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 EXCUTIVE 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 proved 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, which 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 Sam Dago. 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 knowlege 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 Sam Dago 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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CARLSBAD CA 92008

NORTHERN SAN DIEGO COUNTY
W6NWG
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
TREA$URER: Jim Church, K6$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 $2½ per year. (Yes, we actually do have folks crazy enough to flat-out subscribe to this thing - most of them are Rhode Islanders or Texicans and the like - so don't sell us short if you HAVE to sell us at all!) Come-what-may, make your check payable to the Palomar Amateur Radio Club; and get it to Jim Church at the P.O. Box address above, or hand it to good ol' Jim at the next tar and feathering you and Jim attend together. Jim may not exactly dance for joy over your offering - but what can you expect from a trea$urer 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.

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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 prlace 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 dopplescanner, 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 Computor. 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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VISTA, CA 92083

MAY, 1980

PRESIDENT: Charley Gibbs, WB6JZJ, Oceanside
VICE PRESIDENT: Frank Tipton, WA6HPP, Vista
SECRETARY: Emily Wolfe, WA6ZKC, Solana Beach
TREA$URER: Jim Church, K6$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 WD6HFR, an open carrier operated 220 mHz repeater belong 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 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 Veesta, 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 OOOFICIAL 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: Couts, 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 desireable 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. Their 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 Gnuington (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, [redacted] next club meeting or send it via the U.S. [redacted] the masthead. If you're reenlisting, send [redacted] el. There's no time off for good behaviour, [redacted] and the club will get $1.50 each time.

Help support [redacted] fund. Jim Church will be tickled pink [redacted] b'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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WD6FWE 07/81
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OCEANSIDE CA 92054



NORTHERN SAN DIEGO COUNTY
W6NWG
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
TREA$URER: JIM CHURCH, K6$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 humae 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 aciyated 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 OOOOFICIAL 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 Computor 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 Computor 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 semi-conductor 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 Gnuington. 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.

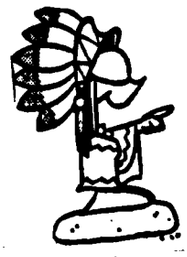
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NORTHERN SAN DIEGO COUNTY
W6NWG
WR6AII
SCOPE
VOL. XV, NO. 8



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
TREA$URER: Jim Church, K6$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 ouput 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 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 alloted $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 Cheapy 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 regnuing 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/0 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 condensors 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 junque 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, convertable 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 loose 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 restricions 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 sidebad 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 burgaled 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 anntenna. 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 Satllite 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

W6NWG

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
TREA$URER: Jim Church, K6$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 $7.50 you not only get membership in the club, you also get a full year of SCOPE - whether you want it or not. If your are bereft of your senses to the point where you want to subscribe without being a club member, it will startle ye olde Trea$urer, 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 Olimpus, 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 migh 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 $200 was awarded to Miss Van Tran of Vista, a student at Palomar College, who very grciously and gratefully accepted the award and then stayed on to draw the picnic prize tickets (Yes, I won my 3rd Call Book but took an electronic clock instead). The Kenwood TS520SE was won by Jerry Worth, WA6PJG; the Tempo S-1 by Marston Blood, KA6GMN; the Y & C frequency counter by Don Johnson, WD6FWE; the 30W 2M amplifier by Ocie Rowe, KA6AOK; the ham shack clock by Woody Woodhouse, W6QWH; and the Mite Teleprinter by Marty Cornell, K6NS. The club much appreciates the donation of the Mite by Les Clark, W6J$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, hmmmm? 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 unforseen. 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 xtalled, 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 resonater, $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 xcvrs. 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 Gnuington (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 ELSER
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.

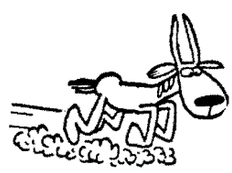
While there were several amateur radio clubs in San Diego at that time, none existed in North County. So the seed was planted.

(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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DON JOHNSON
WD6FWE 07/81
3140 LINCOLN ST
CARLSBAD CA 92008

NORTHERN SAN DIEGO COUNTY



W6NWG
WR6AII

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
TREA$URER: Jim Church, K6$LA, Vi$ta

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 pied 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 before.) Now you can again thanks to John and Bob, WA6QQQ, who journied 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, WA6PJG, 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 OOOFICIAL 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.

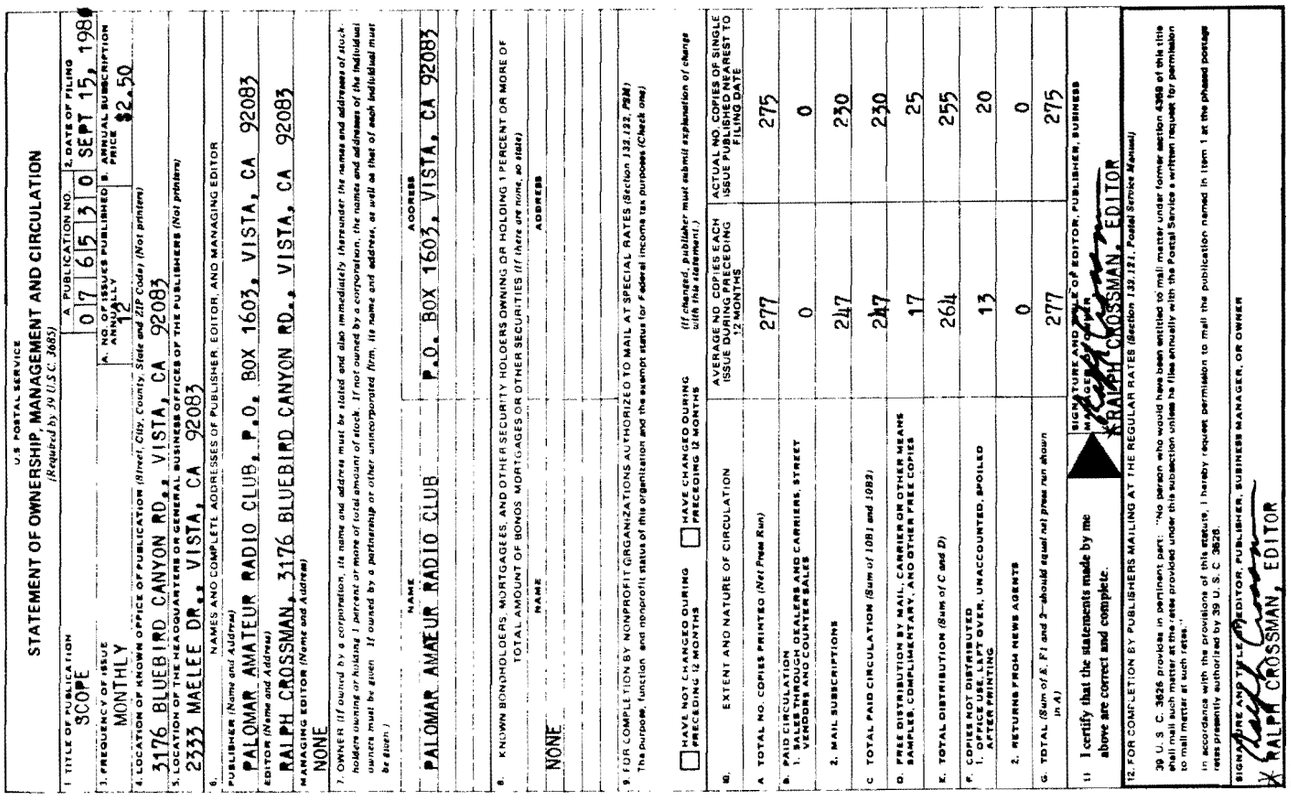
It was sure interesting to hear all the squawks about not getting the August and September issues of SCOPE from some of those who failed to heed the "Last Issue" cachet on the July issue's mailing label. Glad you reenlisted. Sorry our crystal ball didn't tell us you were going to.

DOWN THE TOOBE (continued)
North County Net members will be glad to know that Barron, WB6QYO, 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, W6BOS 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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11. I certify that the statements made by me above are correct and complete.
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER: RALPH CROSSMAN, EDITOR

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PS Form 3526 (Page 1) (See instructions on reverse)
Mar. 1977

"That's all", she wrote.

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NORTHERN SAN DIEGO COUNTY



W6NWG
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
TREA$URER: Jim Church, K6$LA, Vi$ta

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 Computor 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 selfsupporting 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 an 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 250.

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 crystalled. Call Frank, N6AT, at 728-8093 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 Computor 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.

NORTHERN SAN DIEGO COUNTY



W6NWG
WR6AII

SCOPE

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
TREA$URER: Jim Church, K6$LA, Vi$ta (CA 92083 - that is)

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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$LA for Trea$urer. 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 is 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 operating 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 otherwise 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, W6NXR, 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 Computor 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 Computor 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 radiolocation 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 phyical 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 Computor 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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