NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

VOL. XVI, NO. 1



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

JANUARY, 1981

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe La Pointe, WB6HMY, Oceanside
SECRETARY: Bill McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

Membership in the Palomar Amateur Radio Club is a measly $7.50 per year, with time off for good behaviour but no initiation fee like some of the big guys charge. Since all memberships terminate at the end of July, for this month only we have a real deal for you - membership dues are only $5.25. So sign up now before the price goes down. Family memberships are $7.50 for the first family member and $5 for each subsequent family member living at the same address. The SCOPE, without club membership, is $2.50 per year. The SCOPE is included in the club dues - whether you want it or not. Make checks payable to the PALOMAR AMATEUR RADIO CLUB and get them to Jim Church at the P.O. Box address above or at club meeting or flea market. Each enlistment or reenlistment will get you one ticket to the picnic raffle.

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

Our Repeater Committee Chairman, John Kuivinen, WB6IQS, says that the new antenna for the 450 mHz machine has been located, and is supposedly once again on its way to its destination at the PARC.

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 club's first meeting of 1981 will take place on Wednesday, January 7th at 7:30 of the evening in Glendale Federal Savings and Loan at Anza and East Vista Way in balmy downtown Veesta. WB6HMY says that he's working on a program, but that if the program falls through, he'll just have to fall back on 12 (count 'em 12) beautiful dancing girls. So come out and see wha' hoppens; and what the club's 1981 organization and goals will be. Maybe you can help - perish forbid.

When you attend the club meetings try and spring for at least a buck's worth of tickets for the drawings. The club needs the $$$ since we have no income yet from the revived flea mart. The prize table is NOT self-supporting due to the low number of tickets purchased. This, of course, means that fewer quality prizes can be purchased, and so fewer tickets are purchased. Let's lend a hand and get things back on the up-swing.

FLEA MARKET: The revived flea market now takes place at the Valley Drive-In Theater on the north side of Mission (Route 76), just west of El Camino Real in Oceanside. The January flea mart will start at 8:00 a.m. on Sunday the 18th. Ham sellers occupy the row closest to Mission. In February the flea mart will change to the 3rd Saturday of the month vice the 3rd Sunday. For more details on the flea market call Casey, KA6CRI, or Micky, WA6WQI, or any of the club's officers. Come on out and help things get rolling again. Micky and Casey need help in the operation of the club table at the flea mart so step up and give them a hand.

The club's Executive Committee meets <u>almost</u> every second Thursday of the month at Sambo's on Broadway in Veesta. When it does, it meets at 7:30 post meridian, and interested club members are welcome to observe.

AT THE DECEMBER CLUB MEETING: Frank Ramme, WB6HFE, gave us a very interesting slide show. Charley, WB6ZJZ announced the requirement for new chairmen for the Interference, Prize, and Refreshment Committees. Frank, N6AT, presented a request from the Mission Trail Net that the club accept an annual contribution from the MTN to the William J. Gilmour Scholarship Fund. Bill Gilmour was a long-time MTN member. A letter, accepting the MTN donation, will be sent promptly. Election of the club's officers for 1981 was held, and Sam, KD6BW, was elected President; Joe, WB6HMY, Vice President; Bill, WB6TBQ, Secretary; and Jim, K6$LA, Trea$urer. Their election was unanimous. Sam took the gavel from Charley and expressed the club's gratitude to the out-going officers for the fine job they have done for the club. Sam also asked for the cooperation of the members to help make this year a successful one for the club. WB6HMY asked for the assistance of the members in helping him to locate good programs for our meetings.

AT THE DECEMBER EXECUTIVE COMMITTEE MEETING: Sam, KD6BW, said that a Refreshment Committee Chairman is still needed. Bob, KA6DWV, plans to increase interest in the prize drawings so that it no longer loses money. Les, W6JSL, has the new 1981 Call Books for the club to distribute. Cost to club members only will be $15 for the U.S. and $14.50 for the Foreign Call Books, or $28.50 if both are purchased together. Jim, K6$LA suggested that the SCOPE accept business card-type advertising. Further investigation of the printing of paid advertising will be conducted. Changing the club's flea mart from the 3rd Sunday to the 3rd Saturday was discussed. It was so moved, seconded and carried, to be put into effect starting with the February flea mart. KD6BW suggested that the SCOPE carry more HF and DX news. It was moved, seconded and carried that the Vice President be authorized to pay mileage and a meal for guest speakers where he felt it warranted. New and re-newed club members will now receive one ticket for the club picnic prize drawings upon newal or renewal. KA6DXG is the new Chairman of the club's Interference Committee, which will concern itself with TVI, RFI, and interference on WR6AII.

Get one of those GREAT Palomar Amateur Radio Club badges for dress and every day wear. Jim, K6$LA, will be glad to take your $$$$ and order your very own badge for you. See Jim and leave the faceless mob - get recognition - get with it.

The club's North County Traffic Net meets nightly on WR6AII (2M) to handle traffic within, for, and from San Diego County.

WILLIAM J. GILMOUR SCHOLARSHIP FUND: As indicated earlier, the Mission Trail Net, of which Bill Gilmour, W6VTV, was a long-time member, has asked that the net be permitted to make an annual donation to the Fund, and the club has accepted. The club has also received a donation to the Fund from Marian Peak, WB6OTP, who knew him.

Bill's daughter, Mrs. Charlotte Lookabill, in a recent letter said in part: "I've received the club paper with the mention of the awarding of the first scholarship in Papa's name to Miss Van Tran. I'm so grateful to all of the club for so honoring Dad's memory. How thrilled he would be, and somehow he knows what his dear friends have done for him. I'm so glad he had the network to interest him - I really believe it kept him alive and going and interested - perhaps longer than he might have otherwise."

FORESAIL: (Up on the bow, wow - must be the dog watch)

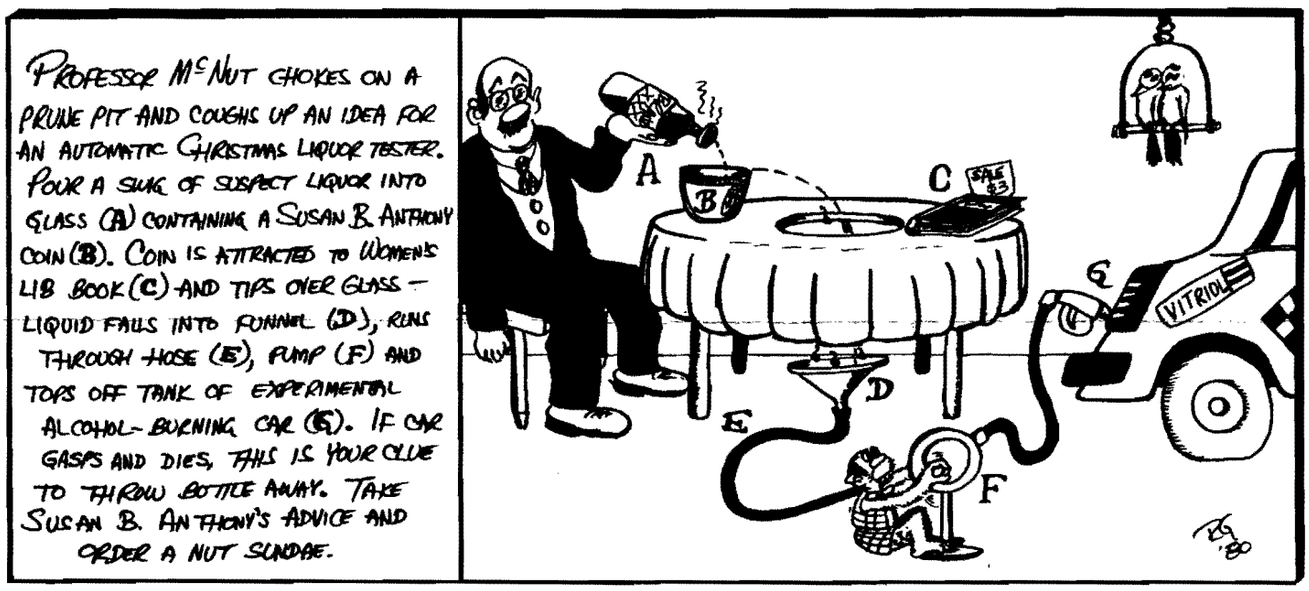
ICOM IC-230 2M FM xcvr w/5 kHz split xtals and Touch Tone mike; $150. Call Fred, WA6KEY, at 726-3907. That's a real good deal for someone.

Dopplescan RDF equipment complete with antennae and completely assembled. Call Les, W6J$L, at 726-1313. If a polite, cheerful fellow answers the phone, hang up. Itsa wrong number.

WANTED: Folks to help with the flea market and with the Refreshment Committee. If you can help, talk to Sam, KD6BW.

How about making a grab bag or two from your junque box. Bob, KA6DWV, will relish the use of your treasures on the club's prize table to help take up some of the slack created by the lack of ticket purchases.

Bob Gonsett, WA6QQQ, is not only a professional in the electronics business, he's also quite a cartoonist. He sent the club a handdrawn Xmas card with the original artwork to the SCOPE



Bob says to use it as a New Year card, and sends his best to the club.

Charley, WB6ZJZ, says that he knows of three DXpeditions this month. They are: WA4SKE operating as 7Q7RM or under his own call sign from Malawi for 72 hours starting 2/27 on 14,195, 21,290, and 28,590 kHz; K2FJ operating from Gibralter from 1/29 to 2/12, call sign yet unknown; and 6UØKK operating from Sudan from the present to 1/15. Thanks, Charley.

Gene Stephens, KA6HOQ and ex-W6JRW, sends his thanks to the PARC for putting him in touch with "...my mentor, Doug Maw, W6DBV, and renewal of a very old acquaintance. I used to mow Doug's lawn when he lived in Loma Portal in 1927-28 and it was through his encouragement tha I finally got my 1st license, W6JRW in the 30s!! What ever happend to Mel Bacon, W6NWG? Also Ralph Culbertson, W6CHV? Am enjoying reading SCOPE, it's very interesting. 73 and Merry Christmas". Gene, Mel Bacon is a silent key - the club has his call sign, W6NWG, and used it on our repeater until WR6AII was assigned. We now use it for field day - and I suspect will again use it on the repeater since the WR call signs are not being reissued. Ralph Culbertson, W6CHV, can be reached at 7172 Eads Av, La Jolla 92037.

ARRL BULLETINS OF INTEREST:
Bulletin 131 of 12/9 says: "FCC has announced Phase Three of its amateur call sign assignment system, beginning with amateur applications received by the Commission on or after December 15, 1980. Licensees who do not already hold a call sign reflecting their class of license may request a call sign change. All call signs are selected by the Commission, and requests by amateurs for specific call signs will not be honored. If you already hold a call sign reflecting your class of license, you are not eligible for a call sign change unless you are changing your mailing address to a new call sign district. All amateurs have the option of keeping their present call signs under all circumstances, even if moving to another call sign district or upgrading to a higher class license. An unexpired secondary station call sign may be requested by its licensee as the primary station call sign at any time before expiration of the secondary station license. Effective with Phase Three, all amateur applications must be made on the new August 1980 version of the FCC Form 610. Do not use obsolete 610 forms to request call sign changes or to apply for a higher class license. Details will appear in February QST. New 610 Forms are available from ARRL Hq. A self addressed envelope will be appreciated." Note that the new 610 forms are also available from FCC Field Offices (not monitoring stations). Thanks to Frank, N6AT, for the foregoing.

If anyone has a copy of a picture of the presentation of the William J. Gilmour Scholarship Award to Miss Van Tran, please bring it to the next meeting. We'd like to send a copy to W6VTV's daughter, Charlotte.

The program for the January meeting will be presented by Mr. Steiner or the National Weather Service at Lindberg Field. His last presentation was great.

DOWN THE TOOBE:

Bill, K6GJD, just couldn't stand to be left out so he followed K6ROR into the hospital just after Thanksgiving for a hot patch job on a hernia. Bill is home and doing just fine.

John, WB6IQS, was saved from a long, very foggy ride down I-5 from L.A. one recent night by helpful hams on an L.A. repeater who warned him of the very hazardous conditions. John spent the night in L.A.

Boots Olsen, W6HAW, is building a new house up on the side of the San Marcos Mountains, where he'll look into Jack's, W6QP, windows. A dandy location it is, too. And it all runs down hill to the Postmaster's house! Look out below.

Congratulations to Bob Rice, ex-WB6OZT, and now KS6S. Bob got the new, tongue-twisting call just before Thanksgiving, and is used to it by now.

We'd like to hear Bill, K6GJD, in a QSO with Russ Ohl, N6DJG - talk about tongue-twisters. Russ recently was re-licensed, having been in amateur radio years ago. I think he told me he is 83 and has slowed down a lot, having suffered a stroke, but he's back on the air from an apartment that permits no exterior antennas. His daughter is WB7BRK. She's doing some missionary work, trying to get her dad up on 2M FM where an exterior antenna wouldn't be required to work WR6AII.

Cy Huvar, W6GBF, formerly of San Diego, and ex-SCM, was in the area for three weeks over the holidays. Cy now lives up in Alturas, diagonally across the state.

Thanks to Gene Horrall, K6PP, for his contribution to the support of WR6AII. We do appreciate all of the folks who, though they can't make the club meetings, do lend their support by joining.

Our Alaskan correspondent and aging but agile super jogger, John Trent, KL7DG, and his XYL, Marcie, stopped through the other day and had an eyeball with Bob, WA6KZM, and his XYL. John was on his way to Phoenix, where Marcie ran in the Fiesta Bowl Marathon, and won the 60 and over division of that marathon. She also finished higher than anyone in the 50-60 age group, finishing in 3 hours, 30' 60" and qualified again for the Boston Marathon. She holds the U.S. record for her age division. John and Marcie have lived in KL7-land for thirty years. He was one of the PARC's original members.

Steve Thomas, ex-WB6BRN, was in the area over the holidays. He's now N6ST. Steve was working up in Silicon Valley the last we heard from him, and was gainfully employed at that hot-bed of hamunism at TV Craftsmen in Vista while he was going to school.

Don't forget that if you're joining or re-joining the ARRL, do so via the club and the club will get $1½ that would otherwise go to the ARRL, and it doesn't cost you anymore. $18 per year and make checks payable to the Palomar Amateur Radio Club and get it, with your renewal paper to Jim Church .

Hope you all had a merry Christmas; and have a happy New Year.

"That's all", she wrote.

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

NORTHERN SAN DIEGO COUNTY

W6NWG WR6AII

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VOL. XVI, NO. 3



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

MARCH, 1981

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe La Pointe, WB6HMY, Oceanside
SECRETARY: Bill McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

Membership in the Palomar Amateur Radio Club is still the cheapest game in town at $7½ per annum, and no initiation fee. Time is given off for behaviour - good or bad. Since all memberships end on July 31st, we will give you time off and a special rate this month to all NEW members joining in March the price is $3.75. Of course, you'll have to reenlist in August, but then you'll be in step with the rest of us good guys. Family memberships are $7.50 for the first family member and $5 for each subsequent member living at the same address.

The SCOPE costs $2.50 per year and is included in the $7½ you pay for membership in the club. (There are a foolhardy few who do not belong to the club but who do subscribe to this thing - really!)

Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the P.O. Box address above or sockem to him at the next club meeting or flea mart. Each enlistment or reenlistment in the PARC gets you one ticket to the annual picnic raffle (we raffle off picnics).

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 on Mount Palomar; and a UHF FM repeater with an input of 444.425 mHz and an output frequency of 449.425 mHz located somewhere in the wilds of the San Marcos Mountains east of wistful Vista. Both repeaters are for members and Occasional Transient Users, that's OTUs, not Habitual Free Loaders (HFLs).

The club's Repeater Committee Chairman Honest John Kuivinen, WB6IQS, says that if you have a 2M transceiver that incorporates the scanning feature, please don't fix it up so that the thing scans while in the transmit mode like someone's rig did for a half a day, continually keying up WR6AII and two Sandra repeaters. It aint neat.

Co-located with WR6AII, at 5600' on Mount Palomar, is WD6HFR, an open, carrier-operated 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 March meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 of the evening of Wednesday the 4th (of March?) in the meeting room of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in mistful Vista. Our program for the March meeting will NOT be put on by Phil Rapp of Scripps, since he put us, but not the program, on at last month's meeting. Joe, WB6HMY, says that our program will be presented by Howard Evans, W6IDS, and will concern his visit to the Antarctic. Sounds interesting and it will be good to see Howard a gain. Joe asks that the parking spaces near the door on Anza be left open for our speaker of the evening and for the wheelchair brigade. Be there.

FLEA MARKET FLEAMARKET F L E A M A R K E T The third Saturday of the month which is approximately the 21st. Takes place at the Valley Drive-In Theater just west of El Camino Real on the north side of Mission or Route 76 in foggy Oceanside. Starting time is 8:00 and the price for sellers is $4 and for buyers $¼. It's about time that you came out and attended to help support your club in getting the thing going again. Without the income from the club table, the club will surely have to raise its dues in order to continue its activities at the present level. We still have to pay the taxes on the repeater site, and they, like our electric and phone bills just seem to follow up the ladder with inflation. Let's get out and help get this thing rolling. C U there.

The club's Executive Committee meets with some regularity on the second Thursday of the month at 7:30 p.m. at Sambo's on Broadway in fitful Vista. When it does meet, interested club members are welcome to OBSERVE.

The last time said committee met was on February 12, at which KA6DWV presented his plan for fund raising. This plan will be presented to the club at this next meeting. Other items, too humorous to mention were discussed. A grand time was had by all - after W6J$L left, naturally.

Jim Church thanks all of you who have done such a grand job of recruiting new members. He hopes that those of you who do recruit new members will take the time to tell them that the dues in March are $3.75, not $7.50. The proration of dues of second members of the family will be done by an impartial panel of greedy PARC officer$.

Bob, KA6DWV, says thanks for the grab bag goodies for the prize table, and keep up the good work (we'll hope he doesn't put out so many prizes that the drawing goes on into the night, though). Bob would rather make up the grab bags himself, so bring it all in a box or bag and let Rapid Robert take care of it for you. If you bring junque, bring useable junque, please.

AT THE FEBRUARY CLUB MEETING we got a Bum Rapp when our guest speaker was a no-show, but Max, W6DEY, stepped in very neatly and gave us a talk on "The Good Old Days" in radio, in the FCC, and in general. It was most interesting and very well done. Max told us that Aimee Semple Macpherson ran off with a ham radio operator. Knew about Aimee running off, but not about the ham. Max used to work him, but he didn't say whether it was before, during or after.

The next T-hunt will take place Sunday, March 1st at 3:00 p.m. from Mira Costa College parking lot. Riders and hunters needed.

The January Flea Mart had no ham sellers. KD6BW says support it or we're going to have to raise our money some other way and skip the flea mart.

John, WB6IQS, announced that the 450 mHz repeater antenna has been received and is at the repeater site, but not installed yet.

A grand time was had by all but us non-smokers.

If you are sure of your identity, why not order an OOOOFICIAL PARC badge with your very own name and call sign on it. Jim Church will be glad to take your $$$$ and convert it into a badge all your own. See Jim at the next club meeting, flea mart, hog rendering or other club function, and give him your rapidly-depreciating dollars. He'll jump for joy and that is a sight to see!

Jim still has badges for WD6ATX, WD6CLG, WD6ENI, K4NLM, and KØPJ. Get 'em!

PICNIC! Mark August 21st on your calendar and save it for the club picnic.

The club's North County Traffic Net meets nightly at 2000 local on WR6AII (2M) to pass traffic within San Diego County. Emily, WA6ZKC, is net manager.

If you are joining or rejoining the ARRL, do so via the club and the club will get $1½ that would otherwise go to Gnuington (CT 06111, that is). It won't cost you any more than if you had gone directly to the ARRL with your hard-earned $$$. Make your check payable to the Palomar Amateur Radio Club and get it, along with your renewal form, to Jim Church at the P.O. Box 1603 address above, or hand it to him at the next club meeting. Every $1½ counts so do it via the club. Costs $18 a year if you didn't know the bad gnus.

Walt, W6SCI, says that if you are not using your rig, turn off the power to it and <u>you</u> won't be the cause of an accidental locking up of the repeater or a scanning of several repeaters in the transmit mode as recently happened for a half a day. Reportedly someone's KDK with receiver scanning was left on while the owner was at work. A defect in the PTT circuit turned the transmitter on. The transmitter scanned and kept WR6AII and at least two other San Diego area machines continually on the air for nearly six hours. The repeaters did not time out since the scanning transmitter's carrier scanned from one to the other. It just makes good sense to turn off your equipment when not in use - might save <u>you</u> from burning up a house or car and mayhap save a repeater transmitter. <u>Do</u> it!

FORESAIL: (Take a bow, sprit.)

Kirk helicoidal fiberglass 2-elment beam. Indoor/outdoor Little Giant spy antenna. Yaesu QTR-24D clock. New Regency mobile mike w/Motorola element. Temp RBF-1A watt meter/SWR bridge. Quement watt meter/SWR bridge. Yaesu encased speaker. Heath digital frequency read-out SB-650. Drake TR-4C w/power supply, $295. TA-33 beam, Ham M2 w/control unit, $175. Call Will, W2FWV, at 436-3277.

KDK 2M transceiver 2016A w/TT mike and pwr supply, $350. Call Frank, WA6HPP, at 726-3853 (HP) or 744-5217 (OP). If you get Vista Sheet Metal, that's the place. If you get Frank's answering machine, blame Frank, not me!

Kenwood TR 7625 10/25W 2M xcvr, Crashcraft AR2X Ringo Ranger, Metz magnetic mount 2m 5/8th wave antenna, Heath TS-1175 pwr supply for Kenwood. All for $395, cost $560 new. Call Bob, WB6YIH, at 753-4704.

Dopplescan RDF equipment, complete with antennas, up and running. Call Le$, W6J$L, at 726-1313. If a bird answers, that's the place. If a surly bird answers that's the place for sure!

Collins R-390 general coverage ~~beat-ancher~~ receiver w/manual. Call Ralph, K6HAV, at 727-5866, not at 726-1313 like we said last month. Holy smoke!

WANTED: (Start houted men.)

A tower, cheap, cheep, cheap. Call Carl, W6WRM, at 729-8574.

Flea Mart attendees by the bucketfull.

Folks to help with the club table at the Flea Mart.

NEW CLUB MEMBERS: Emil Piraino, K6BOM; Wilma & Tom Healy, N6DSU & N6DSX; Mark Clark, WA2FCQ; Judy & Herb Patchell, KA6GHE & WA6IWK, John Cunningham, KA6GJS; Sandy Sandberg, K6HE; Harry Nicolulis, W6KCZ; Herb Patchell, Sr., WB6MML; Dan Rowcliffe, WA6QWU; Reg Sweet, KT6S; Ed Anderson, W6ZEZ; and John Knight, WA7ZXD. Welcome to the Palomar Amateur Radio Club, and thanks for your support in joining. We now have 285 members, and are mailing 298 copies of the SCOPE to unsuspecting subscribers and hapless members.

AMATEUR LICENSES EXPIRING: 2/81: W6IRM & WB6JVS. 4/81: W6QP, W6SSL, & W6VQU. 5/81: W6CAX. (To be continued in some other issue.)

ARRL BULLETINS OF INTEREST: (Most likely.)
Bulletin 9 of 1/29 said that amateurs will assist in the celebration of the American National Red Cross's 100th birthday by handling congratulatory messages from Red Cross chapters nation-wide. Emergency Coordinators will have all the information.

Thanks to Frank, N6AT, for the bulletin traffic.

Le$, W6J$L, has received word that Ernie Parker, formerly WA6JSY when he lived in Vista, has lost his XYL, Hilda, and that Ernie is nearly blind. Le$ says that Ernie would like to hear from any of his ham friends since he's incapacitated. Write to him: Ernest Parker, route 3, Box 181C, Oliver Springs, TN 37840. Ernie lost Hilda on January 21st.

DOWN THE TOOBE:

Verl Thornsberry, WB6EOT, has been back in the North County area and materialized at the last club meeting. He says that Arkansas really agrees with him and his XYL. Sure good to see you, Verl.

Jim, W6IPP, has been in and out of the hospital, where he had a hip joint replaced. Last report was that he was doing fine.

Johnny, W6VQU, has also been hospitalized, he with some back problems, according to WA6KZN.

Le$, W6J$L, terrorized the Long Beach V.A. hospital for 3-4 days while he had a tune up and check out. He's back in Vista now though - worse luck.

DOWN THE TOOBE (Continued)

Jack, W6QP, has joined the Oil Burners with his new Pigout diesel station wagon. Like all new to the diesel bit, Jack says that he can't figure out where the horse power went. If he'd just raise the hood he see that there's not really an engine in that thing - just a couple of anemic chipmunks on a treadmill. French chipmunks just don't cut it the way the Teutonic Rabbits do. Tol' ya oncet, tol' ya a hunnert times.

Phil, K6ROR, says that he has a very well-built 7' rack cabinet that is yours for the asking. P.S. Phil doesn't deliver. Come and get it.

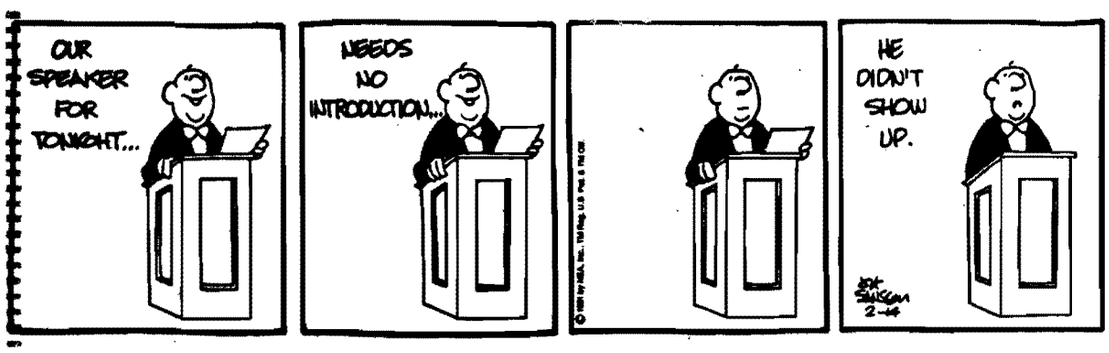
Wes, WA6UGG, not to be outdone, also spent some time in the hospital for suspected gall stones. Wes is an outpatient now while some special tests are being run at Tri-City.

Bob, W6QF, also is in the hospital over in Escondido. Bob was going to have a hot patch vulcanized after they got him in good enough shape to do the job. Bob has had emphysema for some time and was hospialized for that when they also found the rupture. Bob, who has been active from Palomar Hospital on the repeater with his HT, expects to spend the rest of February in durance vile.

Jack, W6SMP, was heard in the area recently. Jack usually winters in Palm Springs and spends his summers in North County.

If you think our folks who were held prisoner by the Iranians had a rough time, you should talk to Felix, N6IE, or read his story. Felix suffered the tender mercies of the North Koreans and Chinese for 1,013 days. Felix has it down and paper and may try to have it published. It's fascinating reading.

Joe, WB6HMY, just called to say that he may have to fall back on the 12 beautiful dancing girls for the program for the March meeting since he has just received word that Howard, W6IDS, will not be able to make the meeting. The following cartoon, provided by John, WB6IQS, seems apropos - especially after the February meetings no-show.



Thanks to all those good folks who help with the folding, spindling and mutilating.

"That's all", she wrote.

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WD6FWE 07/81
3140 LINCOLN ST.
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W6NWG
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SCOPE VOL. XVI, NO. 4



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APRIL, 1981

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VICE PRESIDENT: Joe La Pointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

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Membership in the Palomar Amateur Radio Club is $7.50 per year - and it comes complete with your very own copy of the SCOPE and your own club's repeater, too, and with no initiation fee it's got to be the best deal in town, but we don't give rebates to get you to join. However, do we have a deal for all of you new enlistees in April - the dues are only $3 (of course your membership only runs until July 31, but it's still only three, count 'em $3). Annual family memberships are $7½ for the first family member, and $5 for each subsequent family member living at the same address.

If you are foolish enough to want the SCOPE without membership in the club, the tab is $2.50 for twelve action-packed issues. It costs more if you want it sent in plain brown wrapper or under separate cover of night. Don't ask how much!

Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at club meetings or flea marts, or mail them to the P.O. Box 1603 address, above. Each enlistment or reenlistment gets you one ticket for annual club picnic raffle (where we raffle off annual club picnics).

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 on Mount Palomar; and a UHF FM repeater with an input of 444.425 mHz and an output frequency of 449.425 mHz, located north of San Marcos in the wilds of the San Marcos Mountain foothills. Both repeaters are for club members and occasional transient users (OTUs as opposed to HFLs - habitual free loaders).

The club's Repeater Committee Chairman is Honest John Kuivenin, WB6IQS, who, after a little prompting by W6SCI, says that it is hoped that folks with beacon transmitters will not feel the necessity to put their beacon on the repeater so that we will feel forced to drive to your location with malice from all. If you want us to come your way, don't put the beacon on, just ask us. Thanks, John (and Walt), we needed that.

Co-located with WR6AII at 5,600' on Mount Palomar, is WD6HFR, an open, carrier-operated repeater of 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 450 repeater is back in operation on the new antenna with very little desense noticed.

Come-what-may, the April meeting of the Palomar Amateur Radio Club will take place on Wednesday, the 1st, at 7:30 of the evening in the Community Room at Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in fitful Vista. The program for the evening will NOT be put on by Howard Evans, W6IDS, just as it wasn't last month. This month it will be a photo show by Dillard and Diane Winton, according to WB6HMY, who also asks that the three parking places nearest the entrance be left for the wheelchairborne troops and the guest speaker(s). Pay attention!

FLEA MARKET: The third Saturday of the month, which in April falls on the 18th±, is when the PARC holds its flea mart at the Valley Drive-In on the north side of Mission or Route 76 just west of El Camino Real. Starting time is 0800 and it costs sellers $3.50 and buyers 25¢. If you have stuff to sell, but $3½ is too rich for your blood, pool your junk with another seller and split the tab - but come on out and help to support the club. Casey, KA6CRI, and Micky, WA6WQI, will have some fine junque on the club table and can use your help in supporting the club. Come on out!

The club's Executive Committee meets as often as possible on the second Thursday of the month at Sambo's Resturaunt on West Broadway in Veesta, quite often at 7:30 post meridian. Interested club members are welcome to observe.

At the March meeting on the 12th there was much fire but little heat and light. A grand time was had by all - except Sambo's whose name is being changed to protect the ~~idiots~~ innocents.

AT THE MARCH MEETING: Mrs. Joy Bogart of the American Red Cross gave us a very interesting film and presentation on cardio pulmonary resusitation, and offered to set up CPR classes for those interested.

Paul Stack, WA6IPF, donated an autographed copy of his book Radio Angels to the club for the drawing, and told us a very interesting story of a drama of ham radio.

KD6BW announce the gift of some teletypewriter equipment to the club from WA6ACL, to whom a letter of appreciation is being written.

WB6ZJZ reported on the Febraury SANDARC meeting at which received word that our request for $200 for our scholarship fund had been approved.

Once again, Bob, N6DYO (ex-KA6DWV) says thanks to all who have brought grab bag material for use at the drawings. Bob prefers to make up the grab bags himself, and thus even out the contents, so bring good junk in boxs or bags and Bob will take it from there.

If you're pretty sure of yourself, why no order an OOOOFFICIAL PARC badge, complete with your name and call sign so that you can share your knowlege with the world. At least those of us who can read will have good reason to cease and desist in calling you Hey You. See Jim Church at club meeting or flea mart and slip him the $$$$ and he'll be glad to leap with alacrity to order your badge from the Cheapy Badge Company (as soon as he gets enough to make up an order).

GNU AND RENUDE CLUB MEMBERS, SUBSCRIBERS, ETC.

NEW: Bieritz, Terry, KA6NYY, 124 Oxbow Cir., Encinitas 025 C5
Dempsey, Ralph, N6DVL, 2960 Naugatuck Av., San Diego 044 D6
Horrall, E.F., K6PP, 620 Ecken Rd., El Cajon 056 B5
McCord, Ruth, same address as WB6TBQ
Skinner, Gordon, KA6NYQ, 2730-17 Jefferson St., Carlsbad 013 F4
Stack, Paul, WA6IPF, 753 Pomelo Dr., Vista 015 A1
Whipple, Bill, N6COU, 1605 Wagon Wheel Dr., Oceanside 008 B6

RENEWED: Copley, Dave, WA6HQM, 1727 Greentree Rd., Encinitas 025 B4
Kirkpatrick, Claude, W6DWE, 1744 Pacific Beach Dr., San Diego 052 A5

CALL SIGN CHANGES: Clark, Bob, from KA6DWV to N6DYO
Hiller, Harvey, from WD6HCH to KD6QK

LICENSE EXPIRATIONS: 6/81 WA6AEZ 7/81 WB6AUK and WA6GLH

The club's North County Traffic Net meets nightly at 2000 local on WR6AII to pass traffic within San Diego County. Emily, WA6ZKC, is net manager. Various net control stations are assigned. If you want to join the net, check in and let the NCS for that night know that you wish to be added to the roster..

If you are enlisting or reenlisting in the ARRL, do so via the club and the club will get $1.50 that would otherwise go to feather the nest at Gnuington (CT 06111, that is). It won't cost you any more than if you'd just coughed up the whole works directly to Gnuington. Make your check for a fat $18 (at least for now - see ARRL Bulletin 28 later on in this thing), and payable to the Palomar Amateur Radio Club. Get it to Jim Church at the P.O. Box 1603 address or at club meeting or flea mart. Bring your reenlistment sheet from the ARRL if you're reenlisting. Every $1½ helps to keep the wolf away from the club's doormat, so do it.

The rainy season may be over, but in case it isn't, and if you have a rain guage, K6QCW, John, or Joe, WB6HMY, take rain reports at 1100 local for the preceding 24 hour period. These reports are then phoned to the National Weather Service. No "storm totals" please, just the 1100-1100 reports.

FORESAIL: (TAke a bow sprit)

Drake TR-3 HF xcvr w/power supply and speaker, $200. 40' crank-up tower with TR44 rotater and a 10' mast, $125 - buyer must take down. Hallicrafter 111 receiver w/speaker, $95. From the estate of W6VJ, Bill Larsen. Call 726-0328.

Dovetron MPC1000R RTTY unit w/digital autostart and CW IDer, asking $650. Call Dennis, N6KI, at 271-6079. If a woman answers, don't hang up. Find out who she is and let Dennis know.

Heath SB-101 SSB/CW transceiver w/400 Hz CW filter, SB-640 external LMO, SB-600 speaker, and HP-23 power supply. All working and with manuals. $250, giveaway to good home. Western Union Model 100 teletypewriter, working but needs adjustments. Call Bob, K7WLX, at 729-5519.

Dopplescan RDF equipment for 2M. Complete with antennae, up and running. Call Les Clark (anything that comes to mind), W6J$L, at 726-1313. If an old grump answers, that's the place.

RECEIVED TOO LATE TO CALCIFY: KB6AI wants to part with his Pilot 80W per channel stereo system w/manuals. Guy says that he will refuse no reasonable offer. Try a ridiculous one on him at 757-1745 and see.

WANTED: (Start houted men to attend the flea mart - or even some skinny hearted ones)

Kenwood TR-7400A at a reasonable price. Call Earl, K6CLU, at 724-2827.

Surplus military PRC and GRC series FM radio gear. Also 1 and 3 volt miniature tubes for these radios. Call John, WB6IQS, at 724-8380. John also says he has an 8-track tape player for $10, and a roof-mounted remote control 12V spotlight for $10.

ARRL BULLETINS OF INTEREST:

Bulletin 19 of February 17 indicates that the FCC has made changes in the power restrictions which apply to various parts of the country with respect to the 420-450 mHz band. Some parts of California and Nevada are effected by this change which becomes effective April 8, 1981.

Bulletin 24 of March 3 says that: Volunteers would be permitted to assist FCC in monitoring violations of Amateur and CB rules and in preparing and administering FCC examinations under a bill, HR2203, just introduced into the House of Representatives. See Happenings, April QST for more info.

Bulletin 28 of March 13 reported the results of the annual ARRL Board of Directors meeting, and indicated that the Board voted to increase annual dues to $25 effective July 1. However to ease the impact on older members, licensed amateurs 65 and older may request a special rate of $20 per year. Before July 1, members may apply for life or term membership for up to three years at the present rate.

A plan for developing and submitting an ARRL response to the FCC plain language regulations proposal was adopted. Complete report on the Board meeting in May QST.

Thanks to Frank, N6AT, for his bulletin info.

POSTAL PROBLEMS: Several of us sent in written complaints to the Post Office Department about the continuing delivery problems our members in Oceanside (CA 92054, that is) have had with our fabulous newsletter. The problem started in November and continued up into March, with some deliveries in Oceanside taking up to ten days from the time the SCOPE was put in the mail in Vista. If any of you have persisting problems in receiving the SCOPE let the POD know about it in writing by using one of the CONSUMER SERVICE CARDS which are available at the Post Office. Oceanside postal employees have been directed to handle our newsletter as First Class Mail. Hope that solves the problem in 92054. The SCOPE is usually mailed 7-9 days before the date of the club meeting. It is mailed in Vista, and most of the folks in the county receive if within 24 hours. Complaints in writing do have more of an impact than those by phone. Complaining about the cost of penny post cards won't do much good, I'm afraid.

DOWN THE TOOBE:

Bob, WA6KZN, reports that he talked to original club member Fred Elser, KH6CZ, via landline. Fred who is working for his doctorate from the University of Hawaii in May, is putting together his thesis entitled "Amateur Radio - American Phenomenon". Fred ought to know. He's been a ham for 62 years! Fred, who sends his regards to all, says that his only operating is a couple of CW contacts every Sunday with two old time friends, one the President of his MIT class of 50 years ago.

Bob Browne, WA6JCG was seen in a starring role on Channel 28 on Feb. 27 in a feature news story on amateur TV. Wayta go Lonesome Bob. A nice plug for ham radio, and well done.

Bob, W6QF, is back home from the hospital after a successful hot patch on a hernia they found while he was in the hospital.

Howard, K6US, has his tower all welded back together again and up in the air with his six element beam atop it. Howard's become a welder in the repairs he had to make. He received no help from the tower manufacturer despite the catastrophic demise of said tower. Ask Howard who made it so that you don't buy one like it. Bob, WA6KZN, and Jim, W6IPP, inspected, and put the seal of approval on the repairs and the installation.

We sure do appreciate the good folks who help to support the club and thereby the repeaters by joining the club - even though the meetings may be a tad on the far side for you. We do appreciate your support. A look at this month's new members will show several from the San Diego metropolitan area like K6PP and N6DVL, both of whom dropped us notes saying that while they couldn't make many of the meetings, they wanted to help by joining. Thanks.

Dave, WA6HQM, reports that Tak Ito, WA6YHB, became a silent key March 16. Tak lived in Encinitas, and was a club member and an AREC member 8-9 years ago.

Johhny, W6VQU, wnt to the VA hospital in La Jolla for some surgery on March 15, but was released without the operation when a fire made the operating room unusuable. That's one way to get out, Johnny.

Don't know where this leaves Jim, W6IPP, who was scheduled for surgery on his hip on the 24th at the same place. Now I know. Bob, WA6KZN, just informs that Jim has now been put off until May for his surgery, as has W6VQU.

Speaking of hospitals, our club secretary, Billy McCord, WB6TBQ, is likewise in the hospital at the time this is written.

Understand that Jane, AD6Z, has a nice article in a recent 73 Magazine.

Jane, AD6Z, and her OM Bob, KS6S, and Bob, WA6KZN, and his XYL, Joan attened the February 21 dinner of the Western Single Sideband Association in San Marino. The food was reportedly good as was the time that was had by all.

Keith Cordrey, W6KVR, is now the Commander of Flotilla 24 of the U.S. Coast Guard Auxiliary up in Newport Beach. Sure don't hear much of Keith since he moved into that exclusive "no antennas" development there.

Thanks to all those who help us get this thing on the street and into the hands of the postal inspectors.

"That's all", she wrote.

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

NORTHERN SAN DIEGO COUNTY
W6NWG
WR6AII
SCOPE
VOL.XVI, NO. 5



THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083

MAY, 1981

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

Membership in the Palomar Amtateur Radio Club is still $7.50 per year - and no initiation fee, but you do have to suffer through a year of SCOPE, which comes with the membership. New enlistees in May can get in for the bargain rate of $2.25, which takes your membership through July of this year. Everybody gets to reenlist at the end of July. Annual family memberships are $7.50 for the first family member and $5 for each subsequent family member living at the same address.

If you are foolish enough to want SCOPE without the club membership (and there are a few hardy souls who do), it'll cost you $2.50 per year, with no time off for behaviour - good or bad. It costs more for us to ship it to you in plain brown wrapper or under separate cover of night - a batch more.

Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at club meetings or flea marts, or mail them to the P.O. Box 1603 address above. Each enlistment or reenlistment gets you one ticket for the annual raffle at the club picnic (where we raffle off annuals).

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 on Mount Palomar at 5,600'; and a UHF FM repeater with an input of 444.425 mHz and an output frequency of 449.425 mHz located high on Mount Arrowroot north of San Marcos. Both repeaters are for club members and occasional transient users - OTUs as opposed to HFLs (habitual free loaders).

Honest John Kuivinen, WB6IQS, the club's Repeater Committee Chairman, says that the 450 mHz machine is now performing so well on the new antennna, that he's planning on moving it to Mount Palomar as soon as he can get it off the Ark.

Co-located with WR6AII on Mount Palomar is WD6HFR, an open, carrier-operated repeater of 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 MAY CLUB MEETING will, without fail, probably take place on Wednesday, the 6th (of May, hopefully) 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 fitful Vista. Jack Althouse, K6NY, of Palomar Engineers will present the evening's program. The last time Jack talked to the PARC was in March of 1976, and a very interesting program it was. Let's all come on out and enjoy Jack's presentation, but leave the three spaces nearest the door on Anza for the guest speaker and the wheelchariot brigade. Sure helps to take away the excitement of crossing East Vista Way against the light on a foggy night in a wheelchair - but it's not nearly as much fun to watch!

THE MAY FLEA MARKET will happen on the third Saturday of the month, which will most likely be the 16th at the Valley Drive-In Theater on Mission (76) just west of El Camino Real. Starts at 0800 and costs sellers $3½ and buyers 25¢. Come on out and help support the club in getting the flea market going again. The April flea mart was rained out according to one old grouch we talked to.

The Executive Committee meets at Sambo's Restaraunt on West Broadway in Vista at 7:30 p.m. on the second Thursday of the month - usually. Interested club members are welcome to observe.

Nothing very exciting happened at the April Executive Committee meeting, but we all had a good time, and were home early.

AT THE APRIL MEETING: Dillard and Diane Winton presented movies and pictures taken in the laocal area. WB6ZJZ announced that KD6BW had been nominated for Vice Chairman of SANDARC. N6AT presented the club with a $25 check from the Mission Trail Net as a donation to the William J. Gilmour Scholarship fund. WB6ZJZ will be this year's club Field Day Chairman. KA6CRI said that the February flea mart had netted the club $40. 50 folks attended.

MOTHERS' DAY: Bob, N6DYO, says that the theme for the prize table at the May meeting will be Mothers' Day, with gifts for the ladies (there will also be some typical ham prizes too, according to Bob). So bring your loved one (or your wife) and let her win a Mothers' Day prize.

The PARC wishes to thank Communications General Corporation (Bob Gonsett, WA6QQQ) for the $100 donation to the William J. Gilmour Scholarship Fund. Les, W6J$L, of the Scholarship Committee, says that individual donations to the Fund will also be very much welcome. A very fine way to honor the memory of Bill Gilmour, W6VTV, who has been gone a year the 28th of April.

FIELD DAY: The PARC ARRL Field Day site will, if all goes well, again be at Camp Pendleton at the QTH of W6IAB. The club's letter to the Commanding General has been sent and a reply is expected soon. If you can come out and help to operate, log, or set up or tear down the club's station, please contact Charlie, WB6ZJZ, and let him know. Field Day will take place on June 27 and 28.

Thanks to John Betterton, WD6FRR, of Betterton Electronic Assembly, for his assistance to the club and its prize table. John has amateur equipment for sale. He's located at 222 S. Hill, behind Parnell Auto Sales, in Oceanside. The phone number is 433-3645. Call John and see what he's got, or stop in and see.

GNU AND RE-NUDE CLUB MEMBERS, CHANGES, ETC:
GNU: Garrett, T.R., WD6ETX, 303 Via Julita, Encinitas 24 D4
Goldring, Dolly & Will, W6IJH & W6IDT, 30660 Rolling Hills Dr., Valley Center 400 C4
Ohl, Russ, N6DJC, 1219-B Arcadia Av, Vista 11 E3
RE-NUDE: 7/82 Faughn, Jim WD6ENK
LICENSE EXPIRATION 8/81: W6KVR, W6SMP, and W6US.

FORESAIL: (Hope you're not mizzen the point.)

Cobra remote radio-telephone with last-number-dialed redial feature. Cost over $200 gnu, will sell for $175 or haggle. Call Le$, W6J$L, at 726-1313. If a sweet, kindly voice answers, try again, that's the wrong place.

KDK 2016A 2M FM xcvr w/TT mike and pwr supply, $350. Call Frank, WA6HPP, at 726-3853 (home) or 744-5217 and talk to his answering machine at Vista Sheet Metal (Dandy Ductwork Done Dashingly). If Frank answers, hang up and try again until you get the answering machine.

Teletype and related equipment. Model 28 KSR floor model page printer, 253 UG KSR typing repreferator, TD w/spare parts. All with 100 wpm gears. UT4 speed converter for 100, 75, 66, and 60 wpm. Tape, paper, and manuals. Sold individually or en bloc. Call Walt, W6SCI, at 729-7846.

Military-quality beeg rack cabinet with doors fore and aft and rack hangers likewise. Built for, and like, a battleship. A real hernia maker. Two good electric water heaters (have been relieved for active duty by the sun. Call Phil, K6ROR, and make any ridiculous offer. He and the Gint Computer are at 724-0098. Has he got a deal for you!

Collins R-390 general coverage ~~beat anchor~~ receiver with manual. Call Ralph, K6HAV, at 727-5866.

WANTED:

Field Day operators and loggers. Call Charlie, WB6ZJZ, at 758-3666.

Flea mart participants and stuff for the club table at the flea mart. Call Casey, KA6CRI, at 433-2160.

Grab bag stuff for the club's prize table. Call Bob, N6DYO, at 439-7058, or bring it to the club meeting.

NORTH COUNTY TRAFFIC NET: The PARC's North County Traffic Net meets nightly at 2000 local on WR6AII to handle traffic within San Diego County. New members and visitors are welcome. Contact the NCS if you wish to be added to that night's roll call. Net manager is Emily, WA6ZKC.

When enlisting or reenlisting in the ARRL, do so via the PARC and the club will get $1½ that would otherwise go to fatten the coffers (and the sneezers) at Gnuiningto (CT 06111, that is). Won't cost you a red, white, and blue cent more than if you'd dealt directly with the Relayers of American Radios rather than through the club. Make your check for $18 payable to the Palomar Amateur Radio Club and get it, with your reenlistment papers if you're re-enlisting, to Jim Church at the next club meeting or flea mart, or just go ahead and live dangerously and mail it to him at the P.O. Box 1603 address in the masthead. Each $1½ helps to keep the welcome on the club doormat and the wolf away therefrom. No sense having the wolf committing a nuisance on our doorstep.

Once you find out who in the blue-eyed world you are, you can go let Jim Church know, and cross his palm with $ilver, and he'll order an OOOFICIAL cheapy PARC badge for you from the Cheapy Badge Company. If you want, it can have your very own name and call sign, just like the big guys have on theirs. See Jim soon so you can have an identity all your own. If you've already done it but don't have your badge yet, see Jim anyway and maybe he has it for you, just ask.

NATIONAL TRAFFIC SYSTEM: The NTS provides rapid movement of traffic and training of radio amateurs in handling written traffic. The system is is in daily operation. If you can spend one regular period a week handling traffic and are interested in doing so, the NTS can use you.

The NTS is not dedicated to any type of emission. The aim is to handle formal written traffic systematically, by whatever mode best suits the purpose.

The NTS has four levels of nets, the local, section, region, and area nets. In Southern California the starting point for outgoing, and the ending point for incoming traffic is the Southern California Net (SCN). The nets are open to all amateurs. Listen to any of the following:

SCN1 1900 local 3598 kHz (cw 20wpm)
SCN2 2015 local 3598 kHz (cw 13 wpm or less)
SCNV 2100 local W6TIO/R 147.645/.045 mHz (fm)
RN6D 1045, 1345, and 1530 7275 kHz (ssb)

The NCS can answer your questions, or talk to your ARRL Section Communication Manager, Art Smith, W6INI, at 273-1120. He'll be glad to send literature that will tell you more than you'll ever need to know about the NTS.

Thanks to KA6A and W6INI for the foregoing.

ARRL BULLETINS OF INTEREST - probably
Bulletin 37 of 3/30 said in part that the FCC denied a petition for reconsideration in its action abolishing the licensing of new club, military recreation, and RACES stations. Presently-existing club, military recreation, and RACES station licenses by be renewed or modified. However, the petition attempting to reverse the Commission's decision regarding new licenses failed, and Docket 21135 has been closed. Details in QST.

Bulletin 41 of 4/9 said in part that Senator Barry Goldwater, K7UGA, has introduced a bill, S 929, which would amend the Communications Act with respect to Amateur Radio and matters affecting private land mobile and fixed stations. The amateur portions of the bill were suggested by ARRL. Similarly, we understand that the other items in the bill in general reflect the desires of land mobile and fixed station users in the private sector. Additional information will be available from ARRL Hq. A SASE would be appreciated.

Bulletin 42 of 4/10 said in part to see April QST for details of ARRL petitions for the 10 mHz band, and for expansion of phone band on 20 meters. "Happenings", page 67.

Thanks to N6AT for the bulleting traffic.

Bill Rogers, K6JP, a former club member and former resident of Vista became a silent key on 16 April, according to a note received by K6ROR from Bill's XYL, Doris. Bill had been ill for some time, and was living in Leisure World at the time of his passing.

DOWN THE TOOBE:

Congratulations to Marty Cornell, K6NS, who celebrated 50 years of continuous amateur radio service on March 30.

Jim Kavan, W6IPP, and Johnny Sasser, W6VQU, are both rescheduled for surgery at the La Jolla VA hospital around mid-May. They were both set for the same in March, but a fire made the operating room unusable and so they had to be rescheduled. Better luck this time, folks.

Le$, W6J$L, visited K6HAV the other day and put his grudging seal of approval on Ralph's floor tiling job. Le$ did get a little seasick running his wheel chair over the nice even surface, though.

Russ Ohl, N6DJG, is a new club member and the father of Sylvia, WB7VRK, of Spokane. Sylvia is the editor of the Inland Empire VHF Club's very fine bulletin. Sorry we missed Russ at the last club meeting.

The 450 mHz repeater had, what seemed like very little desense operating through the duplexer to the single new antenna, but when Gene, K6EJO, put the signal generator on it, the desense measured 17 db. Using the other duplexer in the recieve line brought the desense down to 1-2 db, which makes it much like it was originally. The second duplexer was left in the line and will be there when John, WB6IQS, moves it to the mountain top in the near future. Sure works fine now.

We are now mailing out 309 copies of SCOPE for better or worse - mostly the latter according to some of our readers (you have more than one?!)

All club memberships, except those which have been renewed for 1982, will expire on the 31st of July. Jim Church would appreciate it if you would start your renewal early so that he doesn't get all 300 of us at one shot. Jim does enjoy the chance to talk to folks at our club meetings, but gets little chance if everyone reenlists at the same time. Mail 'em in and let Jim enjoy the meeting.

We'd all be better off if you would envite your non-member contacts on the repeater to join the club. If anyone can get Ray, W6BHF, a persistent repeater user, to join, WB6HMY, who has tried and tried, will jump for joy - Ray's always mobile when Joe tries to give him the clubs mailing address. It's the polite thing to do to invite the non-members to join - at least it gives them the opportunity.

While we didn't have any flood conditions to worry about this year, the National Weather Service is most appreciative of our rainfall reports. Jack up your raingauges so the wheels don't go flat on the bottom, and put them away for next year.

The Gint Computor failed to tell us that Gerhard Schilling, AI6I, of Hemet had also joined the PARC. He's the EC for his area, and WR6AII is the only machine he can use consistently from his QTH in Sage, 12 miles south of Hemet.

Thanks to all of those folks who are going to help us fold, spindle and mutilate this thing to get it into the hands of the postal inspectors.

"That's all", she wrote.

SCOPE USPS 076530, published monthly by the PALOMAR AMATEUR RADIO CLUB, 3716 Bluebird Canyon Rd, Vista, CA 92083. Subscription: $2.50 per year. Second Class Postage paid at Vista, CA 92083. POSTMASTER: Send changes to SCOPE, P.O. Box 1603, Vista, CA 92083.

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FWE 07/81
3140 LINCOLN ST.
CARLSBAD CA 92008

NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

VOL. XVI, NO. 6



THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083

JUNE, 1981

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

Membership in the Palomar Amateur Radio Club is still $7.50 a year, with no initiation fee, and it includes a fun-filled year of SCOPE - like it or not! First enlistments in June get in for the truly bargain rate of $1½ - but of course are faced with reenlistment in August, as are we all. Annual family memberships are $7.50 for the first family member and $5 for each additional family member living at the same address.

Those of you who can't live without SCOPE, but who don't want to enlist, may get the thing for $2.50 per year. Plain brown wrapper and delivery under separate cover of night coxt extra - a whole lot extra, so don't ask.

Make checks payable to the Palomar Amateur Radio Club and get them to Jim Church at the address above, or hand them to him at the next club meeting or flea mart. Each enlistment or reenlistment gets you a ticket for the club picnic raffle. (Ever tried to raffle off a picnic?)

The Palomar Amateur Radio Club owns and operates two repeaters, both of them WR6AII. One is a 2M FM repeater, high atop Mount Palomar, with an input frequency of 146.130 mHz and an output of 146.730 mHz. The other is a 450 machine, located in the foothills of the San Marcos Mountains north of San Marcos temporarily. Its input is 444.425 mHz and its output frequency is 449.425 mHz. Both are open repeaters for club members and occasional transient users (OTUs as opposed to HFLs - habitual freeloaders).

John Kuivinen, WB6IQS, the club's Repeater Committee Chairman, is making preparations to move the 450 machine to Mount Palomar - as soon as the snow drifts have cleared.

Co-located with WR6AII at 5,600' on Mount Palomar, is WD6HFR, an open, carrier-operated repeater of 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 June meeting of the Palomar Amateur Radio Club will, without fail, hopefully take place at 7:30 of the post meridian on Wednesday, the 4th, in the Community Room at Glendale Federal Savings and Loan Association at the corner of Anza and East Vista Way in downtown Vista. Our rusty Vice President is diligently pursuing a program for us for the meeting, but as yet hasn't come up with with anything but the tried and true dancing girls (he was truly diligent in THAT pursuit). If Joe has anything for us before this goes to press, we'll get it in if we have to leave out some of our juicier news items.

We've all done well in leaving the spaces closest to the door for the guest speaker and the wheelchariot brigade, even if it takes all the fun out of watching Les Clark cross East Vista Way on foggy night against the light.

THE JUNE FLEA MARKET will happen on the third Saturday of the month which looks like it will be right around the 21st (of June, probably) at the Valley Drive-In Theater on Mission just west of El Camino Real in Oceanside. Starts at 0800 and costs sellers $3½ and buyer 25¢. Let's get out and help support the club at this function. Don't forget to sign in and get credit for your attendance and thereby get a picnic raffle ticket.

THE EXECUTIVE COMMITTEE meets at Sambo's Restaraunt on West Broadway in Wistful Vista at 7:30 of the evening on the month's second Thursday - quite often. Interested club members are welcome to observe.

At the May Executive Committee Meetings, the committee voted to buy envelopes, and to allocate $75 for ARRL Field Day. Other topics, too humorous to mention, were discussed - at some length frequently.

AT THE MAY MEETING Jack Althouse, K6NY, the owner and perpetrator of Palomar Electronics, told us about the ham goodies he manufactures, starting with an FM unit for the old Gonset "Goonybird" 2M AM transceiver. Jack's latest is a collapsable 2M 2 element cubical quad antenna that folds up and fits inside an 18" mailing tube - real neat for RDF-ing and mountain topping, and real expensive.

Sam, KD6BW, announced that an additional delagate to SANDARC is needed since he has been elected Vice Chairman of the Council. A volunteer for the last Thursday of the month is needed. Sam also announced that a relief for Judi, KA6MLY, is required to operate the coffee pot. All members were urged to write the FCC and express their thoughts on the "Plain Language Re-write" of the regulations for the Amateur Radio Service.

A grand time was had by all - no doubt.

FIELD DAY: The club will take part in the ARRL Field Day on June 27 & 28 at the site of amateur radio station W6IAB at Camp Pendleton. Charlie, WB6ZJZ, is the FD Committee Chairman, and he says that he needs lots more help to operate, log, and help set up and tear down the club's installation (no, we don't get to hook up to the rhombics or log periodic antenna at W6IAB!

Dinner will be pot luck with everyone bringing one dish of sufficient quantity to feed himself and family. For questions on dinner and breakfast, call Micky, WA6WQI, at 433-2160. For questions on FD or to volunteer your services, call Charlie, WB6ZJZ, at 758-3666.

The FD site is one of the nicest and the best that the club has had the use of in the 14-15 years I've been a member. It's also close enough to civilization to make for easy access, and has some of the amenities of civilization close at hand so that you don't have to really rough it unless you want to. Come on out and visit the site on the 26th or 27th (before noon) and lend a hand at operating or logging or both. Don't forget to sign the check-in sheet and get credit for your attendance.

To reach the site, enter the Camp via the San Luis Rey or Main Gates and travel via Vandegrift Blvd to De Luz Road to the site at 403 6D in your Thomas Bros map. Vandegrift Blvd is the road you will be on when you enter either gate. Confused? Ask someone. There will be plenty of on-the-air help. When in doubt, scream and shout "Relieve the watch".

CU all there.

GNU CLUB MEMBERS, CHANGES IN CALL SIGNS, ETC:

NEW MEMBERS: Cameron, Lad, KA6AOQ, 3560 Pontiac Dr., Carlsbad 14 C3
Casler, Jack, KA6NYX, 3843 Highland Dr., Carlsbad 14 A3

CHANGES: Devitt, Nell, NB6A, 127 Beachwood Ln, Oceanside 13 D3
Erickson, Eric, KS6A

LICENSE EXPIRATIONS 8/81: W6KVR, W6US, and W6SMP

The Gint Computor sez if you want us to run your license expiration date, include that date when you re-gnu your membership or your license because the crystal ball repair service hasn't gotten around to ours yet. So there.

We've had quite a few folks who have been kind to our Trea$urer and have renude early and by mail. Jim really appreciates this as he does enjoy having a chance to socialize at the club meetings, which he can't do while counting your ill-gotten gains as you reenlist. If you do it at the club meeting or flea mart, do it by check so Jim doesn't have to do a bunch of bookkeeping. But, whatsomever, reenlist early (and often if you want to) as we are planning to publish a new club roster in September or October, and if you're not in it (the club) you won't be on it (the roster). WA6QQQ, pay attention!

FORE SAIL: (Not very darn much this month - everybody's buying.)

Teletype equipment and related junk. Model 28 KSR floor model page printer. 253/UG KSR typing reperf. TD w/spare parts. All with 100 wpm gears. UT4 Speed Converter for 100, 75, 66, and 60 wom. Tape, paper, and manuals. Sold individually or in a mob. Call kindly old Walt, W6SCI, at 729-7846.

Cobra remote radio-telephone with last-number-dialed re-dial feature. Cost over $200. Call Le$, W6J$L, at 726-1313, and haggle a little bit. He's sure to give you a good deal - or something.

WANTED: (Start houted men)

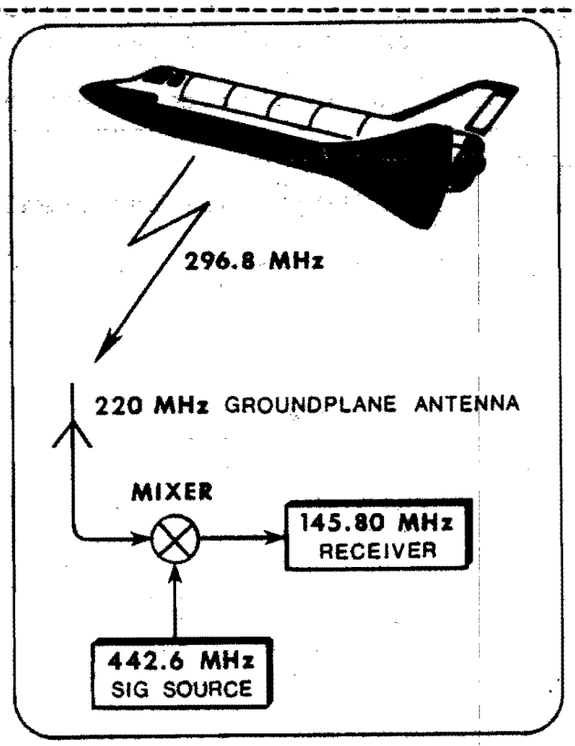
12 VDC to 115 VAC inverter capable of at least a couple of hundred watts. Call Walt, W6SCI, at 729-7846, and stick it to him. He's ready.

Grab bag components for the prize table. Bring them to the club meeting or get them to Bob, N6DYO.

Flea mart and Field Day participants. The weather's great so there's no excuse now. Get out and get with it!

Bob Gonsett, WA6QQQ, reports receiving direct voice signals from Orbit #1 of Space Shuttle Columbia by using simple ham radio equipment. Minutes before local sunrise on April 12, 1981 - as TV stations showed the shuttle approaching the Pacific Coast of North America - Bob detected the first doppler shifted AM modulated signals. The shuttle's transmitter was turned on only when the astronauts were talking and stayed in range for only a few minutes.

The system pictured here, built around a Mini-Circuits Laboratory Type ZAD mixer (about $30), was all that was required. Note the 220 MHz ground plane antenna which provided surprisingly strong signals even though it wasn't cut for frequency. You might try a similar receiving set up next time the shuttle comes around. After all, S.S. Columbia is rare DX.



Felix Ferranto, N6IE, has just solved WB6HMY's program problem for the June meeting. Felix will tell us about his 1,013 days as a prisoner of the Chinese Communists and the North Koreans (can't call him a POW because we were not at war). Felix joined the Marine Corps as a high speed radio operator in 1933. He was captured by the ChiComs at the Chosin Reservoir on November 28, 1950. He was released on September 6, 1953. We have been privileged to read the manuscript which Felix has written about that 1,013 days, and found that we could not put it down until we had finished it. I'm sure you will enjoy his presentation. Come to the June club meeting and see.

ARRL BULLETINS OF INTEREST: None, but Frank, N6AT, says that the ARRL has indicated that forged QSL cards have been submitted for DXCC, and that those who have done so will be barred from DXCC competition for five years. More on this in June QST. Thanks, Frank.

NORTH COUNTY TRAFFIC NET: This PARC net meets nightly at 2000 local on WR6AII to handle traffic within San Diego County. New members and visitors are welcome. Contact the individual NCSs if you wish to be added to the roll. Net manager is Emily, WA6ZKC.

Max, W6DEY, says that club members who provided communications for the March of Dimes Superwalk '81 were WB6FWE, WB6HSZ, K1TZI, W6DEY, KB6QF, W6HUJ, W6ZEZ, WB6HMY, W6SCI, and WB6HFE, who coordinated the communications over the 20 mile route with its five check points. Max apologizes if he has left out any club member who helped.

Max goes on to tell his feeling of distress over the so-called amateurs who have told him that a certain amount of hard feelings have been engendered by the statement on WR6AII as to its inteded usage and the obvious fact that we welcome transients but hint that continuous users can join and support the repeater. He says that when keying up a repeater which you are not a part of, you are using someone else's gear, and wouldn't like it if someone came into your shack and used your gear without your permission. Sorta like the thief who screams to the police that some SOB has stolen his burglar tools.

Thanks, Max, and thanks for the kind words, too.

When enlisting or reenlisting in the ARRL, do so via the PARC and the club will get $1.50 which would otherwise go to Gnuington (CT 06111, that is), and it won't cost you a sou more than if you hadn't. Make your check payable to the Palomar Amateur Radio Club and get it, with your enlistment or re-enlistment papers to Jim Church via the P.O. Box 1603 address on the masthead or hand it to him at the next club meeting. Please note that the club only gets $1.50, no matter for how long you ship over - one year or three.

Get your official PARC badge with your very own name and call sign on it by taking your $4 to the club Trea$urer, Jim Church. Jim will leap with alacrity to order YOUR badge, and soon you'll be just like all the big guys. Jim has badges for several, sorry they didn't make it to the last club meeting with the ubtitute Trea$urer.

~~DOWN THE TOOBE:~~

Bill Driml, W6NAT, was reportedly in town and probably up to little good.

Thanks to Judi, KA6MLY; and to C.J., N6DRX, for the time and effort behind the coffee table. Great cookies, etc, Judi. Hope someone steps forward to take over for you or we'll be bringing a thermos and a C-ration.

Jim Kavan, W6IPP, is back in the VA hospital at La Jolla, where he's recovering from another hip joint replacement. He'll be home and on crutches by the time this gets into the mail. A few more parts replacements for Jim and he'll pass the 50% mark and be on the bionic side rather than the human side. But who said that nasal radiators were human anyway? Glad you're home, Jim.

Speaking of hospitals, Wes, WA6UGG, is back in the Naval Medical Center at Camp Pendleton after a gall bladder removal. Wes works at W6IAB when he's not playing sickbay soldier. Get to work, Wes.

W6J$L tells us that Jack, K6EQN, is considering un-joining the chairborne troops for the airborne troops. Something about a kit airplane. Wonder if it's a relation to the Heath Parasol?

Stan, W9FQN, sure grows delicious avocados - and brings some of them to the club meetings. How are things in guacamole?

If you have a freeloader friend who likes to operate on WR6AII, why not buy him a membership in the PARC and get him out of the freeloader status. After all, you're paying his share already - and so are you, and you, and I.

Congratulations to Bob Gates, WB6TBA, on passing the Extra Class exam. Tell us about your new call when you get it, Bob. Maybe we can get other folks to let the Gint Computor know when they have a change of address, call sign, or what have you. Our crystal ball is just leaky not Lalique.

Eric Erickson, formerly W6ZMX and now KS6A, says that he too is past his 50th anniversary in ham radio.

And as for WA6JCG and W6DEY with your sweet nothings about the SCOPE, flattery will get you everywhere.

Thanks to all who have helped and will help get this on the street. You, too, Marty!

"That's all", she wrote.

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

NORTHERN SAN DIEGO COUNTY
W6NWG
WR6AII

SCOPE

VOL. XVI, NO. 7 JULY, 1981



THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta

Membership in the Palomar Amateur Radio Club is still $7½ a year, with no initiation fee, and including a whole action-packed year of SCOPE - willy nilly. If you first join the club this month, you can pay just 75¢ and be a card-carrying member - of course your membership expires (as do all memberships) on the 31st of July. Family memberships are $7.50 for the first family member and $5 for each subsequent family member living at the same address.

Those of you who are weird enough to want to subscribe to SCOPE without enlisting in the PARC may do so by forking over $2.50 per year. Delivery anonymously, in plain brown wrapper, and/or under separate cover of night is extra - a whole batch extra, so don't ask, just take it like a man.

Make checks payable to the Palomar Amateur Radio Club, and get them to Jim Church at the address above, or hand them to him at the next club meeting, Field Day, or flea mart. Each enlistment or reenlistment gets you a ticket for the club picnic raffle, at which clubs are a picnic to raffle off.

The Palomar Amateur Radio Club owns and operates two repeaters, both of them WR6AII. One is a 2M FM repeater with an input of 146.130 mHz, and an output of 146.730 mHz. The other is a 450 machine with an input of frequency of 444.425 mHz and an ouput of 449.425 mHz. Both repeaters are 5,600 feet or so up on Mount Palomar, and are for club members and occasional transient users (OTUs versus HFLs - habitual free loaders).

John Kuivinen, WB6IQS, our fearless Repeater Committee Chairman, and a crew of dauntless helpers have managed to put the 450 repeater on the mountain - no small chore since it included the job of mounting the new antenna on the pole. The power output of the 450 machine is down, but John intends to do some more work on it to clean up the output and increase the power out.

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

The July meeting of the Palomar Amateur Radio Club will, without fail, take place at 7:30 p.m. on July 1st, hopefully. The location is the Community Room of Glendale Savings and Loan at the corner of Anza, Vale Terrace, and East Vista Way in downtown Veesta. The program for the evening has not yet been announced, but if I hear, you'll be the second to know. Topics to be discussed at the meeting will certainly include that of incorporation as a non-profit organization (see item on June Executive Committee meeting elsewhere). Let's not forget to leave the parking spaces adjacent to the door available for the wheelchair brigade (or should that be brigands?) and the guest speaker. With the new lot open next door on Anza now, there's plenty of parking without having to go across the street.

The July flea mart will, as usual, take place on the 3rd Saturday, which just happens to be the 18th for some reason or other not readily available to mortal man. The time is 0800, and the place is the Valley Drive-In just west of El Camino Real on Mission in smoggy Oceanside. Bring your loved ones or your wife and kids and come on and join the merry throng. If you have stuff for the club table, or if you can help with the club table see Casey, KA6CRI, the Bearded One. When you attend, don't forget to sign in and get that picnic raffle ticket - you may win a picnic.

THE EXECUTIVE COMMITTEE meets, without fail, at Sambo's Restaraunt on West Broadway in Wistful Vista at 7:30 of the evening on the second Thursday of the month, probably. Interested club members are welcome to observe.

At the June Executive Committee meeting, the committee voted to recommend to the club that it incorporate as a non-profit organization. A grand time was had by all.

AT THE JUNE MEETING Felix Ferranto, N6IE, told us of his 1,013 days as a prisoner of the Communist Chinese and the North Koreans. Felix' talk was very interesting, and he will probably be back to give the club more of the details of his captivity at some future meeting. Attendance was 56, most of whom had a grand old time.

OUR PREZ SEZ: Get off it and get with it. The club needs a delegate to the San Diego Amateur Radio Council. A Refreshment Committee Chairman is also needed if we are to continue to have coffee and at the meetings. If you can help, please talk to Sam, KD6BW, and indicate your willingness. He'll jump for joy since he likes his coffee too and we just aren't going to have any if you don't help.

FIELD DAY: While the ARRL Field Day Competition takes place the last weekend in June, many of you will receive this issue of SCOPE in time to be nagged about getting out to this club activity. Come out early on Saturday the 27th and help set up the antennas and station. The location is the QTH of W6IAB, the Marince Corps Base, Camp Pendleton amateur radio station on De Luz Road which can be reached from Vandegrift Boulevard via the main or San Luis Rey gates. If you are confused, ask for directions on WR6AII. Dinner Saturday evening will be pot luck. Come out and have a fat attack. Or come out on Sunday morning and help the bedraggled bunch strike camp. The location is a fine one for an outing. Come out and enjoy it and don't forget to sign in for attendance credit.

DON'T BUNCH UP! ONE WORKING PARTY MIGHT GET US ALL.

MEMBERSHIPS EXPIRE JULY 31st: If you haven't already reenlisted in the PARC for 1982, do it now. Get your check to Jim Church via the mail or in person at Field Day, club meeting, or flea mart. Jim really appreciates the check since he doesn't have to do anything except note your call sign, thus doing away with a bunch of bookkeeping during the club meeting. Better yet use the mail and Jim will have time for an eyeball at the meeting. We do plan to publish a new club roster with the September or October issue. Hope that you appear on it.

ACCIDENTS REPORTED VIA AMATEUR RADIO: When a fellow ham calls for someone to report an accident, quick response is essential so don't be bashful and wait for Joe or someone else to do it. Grab it and run. Be sure you have the facts straight, get the call sign of the reporting operator and ask him to stay at the scene or at least stay on the radio in case the CHP calls you back for more dope - it does happen and if you can't ask the reporting op, you've got a problem. Keep your emergency numbers handy. Don't forget that this type of message requires an entry in your station log, so be sure and make one or put all the facts in your message file (which is a part of your station log, isn't it?). Accident reporting is an important public service so let's not shirk it when someone on the repeater asks for help.

FORESAIL: (That's no jib, son - it's a martooni)

Home brew 3 element 20M antenna on 18' boom, $35. Call Oscar, W6BIH, at 726-0459, but speak up - Oscar uses a hearing aid like I do.

Mint condition HF station of WB6IXQ, Clem Futterer: Kenwood TS-820-S HF XCVR, $675; Yaesu monitor scope, $150; Bird wattmeter w/HF and VHF slugs, $110; Yaesu HF linear amp, $400; Kenwood speaker, $75; Yaesu Landliner speaker and phone patch, $50; Kenwood 820 remote VFO, $100. Or all for $1,495. Don't call Clem - call Fred, WA6KEY, at 726-3907.

Cobra remote telephone with la$t-number dialed re-dial feature. Co$t over $200. IC$, IC $ocket$, ¼W re$istor$, and load$ of other $mall IC-related part$, very rea$onable. Call Le$, W6J$L, at 726-1313 in Vi$ta. He'll haggle.

(Continued)

(FORESAIL continued)

Teletype equipment and related Junque. Model 28 KSR floor model page printer. 253/UG KSR typing reperf. TD w/spare parts. All with 100 wpm gears. UT4 speed converter for 100, 75, 66, and 60 wpm. Tape, papers, and manuals. Sold together or individually. Call Walt, W6SCI, at 729-7846. If a golden-voiced tenor answers, hang up and re-dial, you've got the wrong number for certain.

Collins R-390 general coverage receiver w/manual, $100. Call Ralph, K6HAV, at 727-5866.

WANTED: (Chloe!)

Inverter, 12 VDC to 115 VAC capable of at least a couple hunnert whats. Call Walt, W6SCI, at 729-7846. He's hot-2-trot.

Grab bag components for the club's prize table. Bring them to the meeting or get them to old Early Bird Bob, N6DYO, but don't do it on his time, he's got the fastest watch in the west (west Oceanside, that is.)

Loot for the club's flea market table. The only $$$ we make from the flea mart comes from the proceeds of the club table. Get your junk together and get it to Casey, KA6CRI.

Field Day and flea mart participants.

We are saddened to report the loss of Chet Lee, WA6YME, who became a silent key on May 27. Chet has been a PARC member since about 1974, and was retired from the Navy. He was a charter member of the North County Traffic Net, and a faithful check-in.

ARRL BULLETINS OF INTEREST: (Probably)

Bulletin 57 of June 2 said: Effective June 10, 1981, FCC will permit U.S. amateur radio stations full power privileges on the frequencies 1800 to 1900 kHz, 1000 watts maximum DC plate input. However, some power and operating restrictions will continue to apply to some parts of the U.S. for the frequencies 1900 to 2000 kHz for protecting LORAN A radio navigation systems operated in eastern Canada. Before operating on the frequencies 1900 to 2000 kHz either send an SASE to ARRL Hq for details or wait for the details to appear in July 1981 QST League Lines. Mode limitations of A1 and A3 emission remain in effect for the entire 160 meter band.

Bulletin 63 of June 16 indicates that FCC has granted the ARRL's request for extension of the deadline for filing comments on the proposed "Plain Language" amateur radio regulations. The new deadline for receipt of comments is August 21 vice June 19. Send original and 11 copies to FCC and a copy to ARRL.

Thanks to Frank, N6AT, for the bulletins.

If you haven't enlisted or reenlisted in the ARRL by the 1st of July, the rates will be $25 a year unless you're over 65 ($20 a year). Whatsomever, enlist or reenlist via the PARC and the club will get a chunk which would otherwise go back to keep Gnuington (CT 06111, that is) green. If you're doing it after the 1st, make your check for $25 payable to the Palomar Amateur Radio Club, and get it to Jim Church along with your reenlistment papers if you're reenlisting. If you have trouble understanding all of this, don't bother me with your problems, because I don't either.

The second winner of the William J. Gilmour Scholarship is another YL who is studying computers at Palomar College. The scholarship money will be awarded at the club picnic.

The club's North County Traffic Net meets nightly (execpt for the first Wednesday of the month) at 2000 local on WR6AII - .13-.73 - to handle traffic within San Diego County. New members and visitors are welcome. Contact the individual NCSs if you wish to be added to the roll call. Emily, WA6ZKC, is the net manager.

OOOFICIAL PARC badges with your very own name and call sign can be ordered from Jim Church at any of the club functions at which you can catch him. If you can get it all together long enough to give Jim your $4 and the name and call you want on the badge, he'll rush your order off (just as soon as he has several more like it) to the Cheapy Badge Company which will then whip out your badge so that you can be just like the big guys. Jim has badges for several folks but again that estupidez ubtitute Trea$urer did not have them with him at the last meeting. Sorry 'bout that. Try again.

And away we go
DOWN THE TOOBE:

Dick, WD6ENL, says that near the end of April he worked N6ST/VP2A, operating portable on Antigua in the Caribbean. N6ST used to be WB6BRN, Steve Thomas, a former PARC member and former employee of TV Crafstmen. Steve was Vice President of the PARC about 1965. Some of us will remember Steve's self standing tower which he put up using about 2 cubic feet of concrete - which, strangely enough, did alright until a winter of torrential rains softened the ground. Steve graduated from San Diego State and from TV Craftsmen and is now gainfully employed in Silicon Valley, living in Cupertino.

Even some smart people think that the SCOPE is "informative and witty". Dr. Fred Elser, Ph.D., KH6CZ, our club's founding father, says so. Fred recently renewed his subscription, and says that he got his Ph.D. from the University of Hawaii. His dissertation was titled: "Amateur Radio - an American Phenomenon". Congratulations on the Ph.D. and on your persipicacity and good taste, Col. Dr. - or is it Dr. Col.?

Gene, K6PP, says it's a small world. His first call sign was W6IJH, issued to him in 1933. Gene noticed that Re-newed member Dolly Goldring now holds W6IJH.

If you want to be reminded about renewing your ham ticket, include your license expiration date with your PARC renewal and will see that the Gint Computer gets the word and then can remind us to put it in the SCOPE for you.

We'd also like the Gint Computor to get the word on your new call, address, or what have you so that we can keep our eye on you - and particularly you!

The mid-June Red Flag Alerts sure could have used some more mobile assistance. Sure are a batch of ARES Sunday morning net check-ins who never seem to be available for anything but Sunday morning check in. Let's do it!

Don't remember whether or not we told you that Gene, K6EJO, was the first kid on the block to have his very own satelite receiving system. Gene got a surplus parabolic dish and made a tracking and training mount for the big dish. Gets a great picture and has a whole flock of satelites to watch. He says that his reception is better than the commercial models he's seen.

Looks like the time has come for the PARC to incorporate. It will mean some bookkeeping, but provide better protection to individual members and permit the club to keep its trea$ury excess in interest-bearing accounts. Will also probably make our postage on the SCOPE a tad cheaper. Now if we could just find a cheap printer .....

Thank's to all who contributed and to those folders, spindlers, and mutilators. "That's all", she wrote.

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DON JOHNSON
WD6FWE **LAST COPY**
3140 LINCOLN ST.
CARLSBAD CA 92008



NORTHERN SAN DIEGO COUNTY

THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083

W6NWG

Scope

VOL. XVI, NO. 10

OCTOBER, 1981

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PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta
EDITORE: Gint Computor, WR1TE, Vista

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MEMBERSHIP

Membership in the Palomar Amateur Radio Club is still $7.50 a year with no initiation fee, and includes a whole action-packed year of SCOPE - come what may. All memberships expire on July 31st. Family memberships are $7.50 for the first family member and $5 for each subsequent family member living at the same address.

Folks who are weird enough to want to do so may subscribe to SCOPE without enlisting in the club for a paltry $2.50 per year. Anonymous delivery in plain brown wrapper and under separate cover of night is extra - a whole batch extra - so don't ask, just take it like a man.

Make checks payable to the PALOMAR AMATEUR RADIO CLUB, and get them to Jim Church at the address above, or hand them to him at flea market, club meeting or picnic. If all else fails, put 'em in the mail.

Each enlistment or reenlistment will get you wan beeg ticket for the picnic prize drawing.

REPEATERS

The Palomar Amateur Radio Club owns and operates two repeaters, both of them W6NWG, on Mount Palomar at about 5,600'. One is a two meter FM repeater with an input of 146.130 mHz, and an output of 146.730 mHz. The other is a 450 mHz machine with an input frequency of 444.425 mHz and an output of 449.425 mHz. They are for club members and occasional transient users (OTUs vice HFLS - habitual free loaders).

John Kuivinen, WB6IQS, is our fearless Repeater Committee Chairman. He will welcome with enthusiasm your critical comments on how to make our repeaters "real good", just like the big guys have. Tell John your troubles.

He has just finished changing our repeater identifier to send its new/original call sign: W6NWG/R, since WR6AII expired and is not renewable, as is the case with all WR6 calls.

John is currently working on rebuilding the control circuitry to provide more sophisication, options, and reliability in controlling both machines. Go toit, John!

Co-located with W6NWG on Mount Palomar is WD6HFR, an open, carrier-operated repeater of the 220 Club of San Diego. The 220 Club kindly extends operating privileges on WD6HFR to PARC members. The input is 223.300 mHz and the output is 224.900 mHz.

OCTOBER CLUB MEETING

The October meeting of the Palomar Amateur Radio Club will take place in the Community Room of Glendale Federal Savings and Loan at the corner of Anza, Vale Terrace, and East Vista Way at 7:30 of the evening on the 7th (of Octoober - er October - with any luck at all). The program for the evening will be presented by Bill Salter, K6GJD. He will tell us about his trip Down Under. With lots of parking now available in the new lot adjacent to Glendale Fed, there's no execuse for you to stay home. Bring your own refreshments though, as Sam hasn't found us a new Refreshment Committee Chairman yet.

FLEA MARKET

The October flea market will be held on Saturday, the 18th at 0800 in the Valley Drive In Theater on the north side of Mission (Route 76), just west of El Camino Real in smoggy old Oceanside. Strangely enough, the 20th happens to be the 3rd Sattidy of the month, the day on which the traditional old marketing of the fleas usually takes place. Bring your loved ones or your wife and kids and come on out and buy and sell like crazy. If you help with the club table, or have goodies for it, see old Casey a.k.a. Old Furry Face (not to be confused with Old Fuzzy Face, W6SCI). Don't forget to sign in when attending the flea mart or any other

club function - you will get credit for the attendance and thereby garner a ticket (one for each attendance) for the annual picnic drawing. The winners each draw a picnic.

Other flea marts are the one in Santee at the Santee Drive In at 0700 on the first Saturday of the month, and the one at TRW in Redondo Beach. Unfortunately the TRW newsletter doesn't give the time, location, or date. Rumor has it that the Poway club is also holding a flea mart, but the dope is not in their August newsletter.

EXECUTIVE COMMITTEE

The Executive Committee meets, come what may, at 7:30 of the p.m. on the second Thursday of the month at Sambo's Restaraunt on West Broadway on the inskirts of Wistful Vista. Interested club members are welcome to observe.

At the September meeting of the Executive Committee a grand time was had by all. Le$, W6J$L, read a letter from the attorney looking after the club's incorporation, listing options open to us. The Executive Committee voted to utilize the attorney's services for the very nominal fee stipulated rather than to undertake the job ourselves.

SEPTEMBER CLUB MEETING

At the September club meeting Art Smith, W6INI, told us about amateur participation in California Department of Forestry's RED FLAG ALERT program, and how we can all assist. Frank, WB6HFE, told us about RACES, and how we can help out in the manning of the county's RACES stations. No business, old or new, was transacted. It was a terrible meeting since The Editore didn't win a prize. Otherwise, a grand time was had by all - no doubt!

****
* CONDOLENCES to Nate, K2RTQ, who lost his XYL of 54 years on September *
*14 after a lengthy illness. *
****

NORTH COUNTY TRAFFIC NET

The club's North County Traffic Net meets on W6NWG nightly at 2000 local to handle traffic with San Diego County (including to and from). No net on club meeting night. New members are welcome. Request each night's NCS to be added to the rollcall if you wish. Emily, WA6ZKC, is net manager. She needs volunteers for NCS and ANCS. Call her if you can help.

BADGES

The above described Jim Church, will be glad to take your $$$$ at the meeting so that he can order you an OFFICIAL Palomar Amateur Radio Club badge all of your own. If you're sure, let Jim know who in the blue-eyed world you are and he can order your badge with your very own name and call sign on it, just like the Big Guys have. Old Jim will be proud to doit. Jim has badges for some of you folks so come and gettum

FORESAIL

(Get into the bow spirit of things

Kaar DT76 2M xtal controlled 120W transistorized (except for final) mobile tranceiver (148-174 mHz) w/xtals for Navy-Marine Corps MARS repeater, mike, control head, cables, and manual. Excellent condx. Teletype manuals for: M-28 page printers, M-35 page printers, M-28 typing reperfs. Manual for Singer Panalyzor panoramic adaptor Model SB-12b. Collins R-390 general coverage receiver w/manual. Call Ralph, K6HAV, at 727-5866.

BC-610 power xfmr good for 4000V @.5A, $50; Heathkit 301/401 twins, $300; Heathkit HW-16 & VFO, $125; HW-7 needs work, $15; Teletype Model 15 page printer, $30; typing reperf, $30; loop supply, $30; B & W 5100 AM & CW HF exciter, $65; etc., etc., etc. Call Don, WD6FWE, at 729-1921.

2M 11 elm Cushcraft beam, $20; 6 elm 2M homebrew quad, $20; 4 elm 10M beam, $45; 4 elm 15M beam, $45. Will trade or haggle. Call Ted, N6CKH, at work at 729-2769 or at home at 296-4997. but beware of Greeks bearing gifts.

Swan 500-C w/AC supply. Call Jose, WB6HMY, at 722-6054. If an Irish tenor answers, hang up - wrong number!

Teletype equipment and related Junque. Floor model 28 KSR page printer, 253-UG KSR typing reperf, TD with spare parts. All with 100 wpm gears. UT4 speed converter for 100, 75, 66, and 60 wpm. Tape, paper, and manuals. Sold en bloc or in bits and pieces. Swan 117CX A.C. power supply with 12 VDC module. Call Walt, W6SCI, at 729-7846. If a dulcet-voiced, dewy-eyed liberal answers, hang up.

Cobra remote telephone with la$t-number-dialed re-dial feature. Co$t over $200. ICs, IC $ocket$, 1/4W re$istor$, and other $mall IC-related part$. Very rea$onable. Call gentle, kindly, rea$onable old Le$ Clark, W6J$L, at 726-1313.

Hallicrafters HT-37 SSB/CW 5-band transmitter, $85. TR-44 rotor with new ring. Like new, $37.50 complete. Call Oscar, W6BIH, at 726-0459.

Navy GO-9 transmitter and LM-13 frequency meter, both with manuals. 8uf, 2kV oil-filled capacitors and 4 1/2" square Triplett panel meters with 500ua movement. Call Sandy, K6HE, at 745-6940. If an antique dealer answers, that's the place. Thanks to Sandy for his donations to the club.

WANTED

(Start houted men)

Synthesized 2M xcvr or HT in excellent condition at reasonable price. Call Russ, W6HZJ, at 728-8925.

Crystal formulas for Wilson Mk-2, Kenwood 700S, Kenwood 2200, and Midland 13-505. Call Frank, WB6HFE, at 757-9365.

Someone to give the son of silent key Bob Hollander, WB6IPJ, instruction in reading blinker (he already knows the code). Call young Bob at 728-2011.

More of you staunch club members to attend the club's flea mart. See flea mart item above for details of time and place.

Someone to take over making the coffee and buying the doughnuts for the club meetings. Talk to Sam, KD6BW.

AMATEUR RADIO LICENSING CLASS

Burr Chambless, WA6VYD, says that the Fall semester class got under way on Wednesday, 9 September, in Room 408 at El Camino High School, on Rancho Del Oro in Oceanside.

Classes meet from 6:45 to 9:15 p.m. on Monday and Wednesday nights, and cover from beginner to Extra Class. This class finishes mid-January.

LICENSE EXPIRATIONS

10/81: WA6EYX. 11/81: K6$LA, W6TCI. 12/81: W6PEU.

OREJAS PARTIDA DE CAMPO

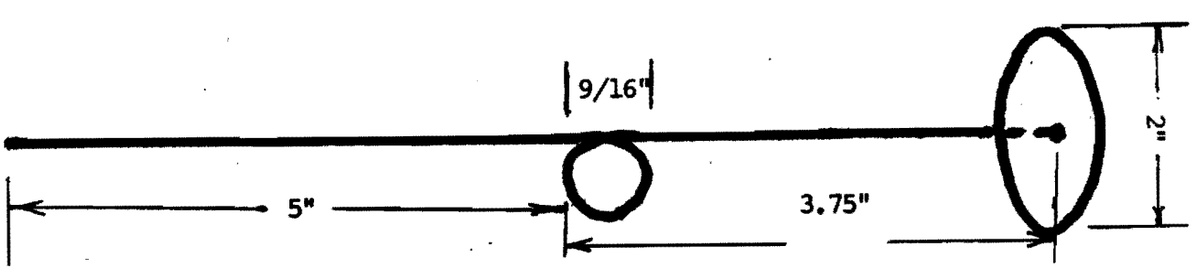
We are invited to the EARS picnic at Dixon Lake 10/24. $1.50 each. Get fulll info from any Escondido Amateur Radio Society member.

ARRL ENLISTMENTS

When you enlist or reenlist in the ARRL, do so via the PARC, and the club will get $2.00 which would otherwise go to sweeten the pot in Gnu-ington (CT 06111, that is), and it won't cost you even an additional penny (if you can remember what one is). The ARRL tab is $25 per year. Make checks payable to the Palomar Amateur Radio Club and get them into the hands of Jim Church. He'll take it from there. Doit!

W6AAQ'S 2M RUBBER DUCKY REPLACEMENT

(Courtesy of W6DEY)



The antenna is made of #14 hard drawn copper wire. The coil is 5 1/4 turns, 9/16" diameter. Top hat is 2" diameter of thin copper or tin. Solder the antenna into whichever type connector fits your HT. This antenna provides 6db gain over a rubber ducky - so we hear. Thanks to Max for the foregoing. He says he has seen measurable gain with this contraption.

ARRL SOUTHWESTERN DIVISION CONVENTION

This year's convention will take place at the Safari Resort in Scottsdale, Az on October 9, 10, and 11. All ARRL members will have received their registration and information sheets by the time this is printed. The rest of you can write to SARC Convention, P.O. Box 30733, Scottsdale, AZ 85257 for info and registrations forms - yes, you can.

SUMMER DOLDRUMS (Continued)

by Dick Corlew, NC6V

Do you know what the terms Sporadic E, Trans-Equatorial, Tropospheric Ducting, and Tropospheric Scatter mean? Maybe YOU or I can answer that next time. What are your ideas? Do you have items of interest concerning any facet of ham radio? Would you share them with us?

10 METER BEACON LIST

28185 OA4VHF, *28200/205 DL0IGI (alternates freqs 5 min.), *282025 ZS5VHF, 282025 9J2BBB, 282075 K4BRD, *28210 3B8MS, 282125 ZD9GI, *28215 GB3SX, 282175 VK2WI, *28220 5B4CY, *28222 HG2BHA, *28225 VE8AA, 28225 VE3TEN, *28227 ZL2MHF, 282275 F3THF, *28230 BBC harmonic, *28231 ZS3HL, *28235 VP9BA, *28237 LA5TEN, 28240 PV1CK, *28245 A9XC, 282475 EA20IZ, *28250 VE7TEN, 28250 WA1IOB, *28257 DK0TE, *28260 VK2WI, *28260 VK5WI, *28270 ZS6PW, *28276 DF0AAB, *28280 YV5AYV, *28283 VP8ADE, *28290 VS6HK, *28302 ZS1STB, *28315 ZS6DN, 28330 ZE2JV, *28887 W6IRT, 28890 WD9GOE. * indicates 24-hour beacon.

WEATHER REPORTING

Joe, WB6HMY, reminds us all that the rainy season is not too far in the future for us to consider oiling up our t-rusty rain gauges and get them all calibrated for the winter's use. As usual, rain reports are for the period 1000-1000 at 1000 local on W6NWG. Joe and John, W6QCW, will be taking the reports and passing them on to the National Weather Service. The NWS is also interested in spot reports of unusual weather conditions at any time. Call Joe or John and tell them about it.

8TH ANNUAL MACDONALD'S BIKE RIDE AGAINST DIABETES

The Diabetes Bike Ride will be held in San Diego County on Sunday, October 4. Radio amateurs will again provide communications for this fund-raising event. If you can provide portable or mobile communications of the 2M variety, contact your Emergency Coordinator and let him know.

NOMINATING COMMITTEE

The Nominating Committee, consisting of K6NS, KA6CRI, and WA6ZKD, is hard at work trying to get its slate of officers for 1982 all together. With the club's incorporation going ahead apace, it is important that we have a competent crew at the helm (to coin a phrase).

SICK CALL

Dick, W6MUO, was at the top of his tower, which had been cranked down to about 30 feet, when his safety belt broke, letting him fall to the ground, breaking a hip and a wrist, plus other injuries. After surgery and seven pins in the damaged hip, Dick suffered a heart attack and then a blood clot which required major surgery. He has another 5-6 weeks in the hospital. Cards or letters should go to his home.

Dick, WA6SCV, had to cancel vacation plans in Idaho, when he came down with what was diagnosed a near case of pnuemonia. Bed rest was ordered, but the last we heard he was up, about, and terrorizing the neighborhood.

Clem, WB6IQS, is in a rest home and would enjoy hearing from you or seeing visitors. Talk to Fred, WA6KEY, for details.

DOWN THE toobe

Congratulations to Doc, K6RY, who has just celebrated his 86th birthday in mid-September.

Walt, W6SCI, made his summer hegira to the hinterland - against his will and better judgement we would gather from all of the grumbling and grousing that we heard before his departure to check out the status and safety of the FAA's air control system between here and there. Walt said that a visit to the rice paddies of Arkansas was nearly as exciting as watching paint dry, and twice as habit forming.

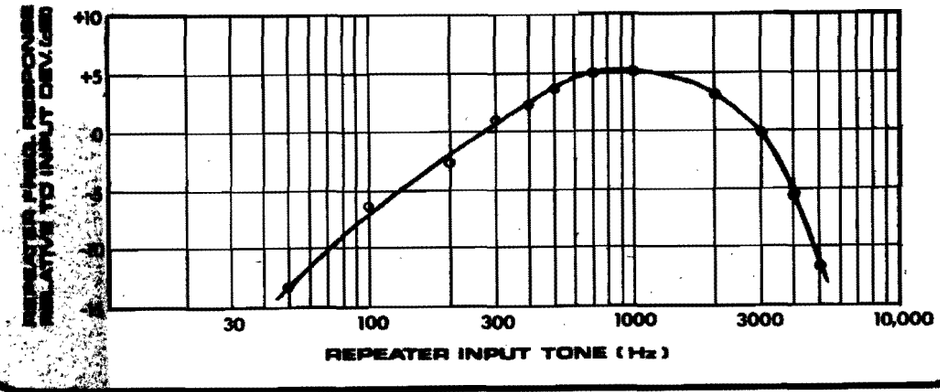
VISTA PRINTING SERVICE, at 714 South Santa Fe in Veesta, sure did a nice job on last month's SCOPE. Drop in and see Paul, KA6PPD, if you have a printing job. Paul's trying to help us with some ideas for a new format for the SCOPE and for the upcoming PARC roster which we hope to get out in November or December.

Walt, W6SCI, reminds all traffic handlers that a log of third party traffic handled must be maintained. This includes calls to the CHP and other law enforcement folks to report accidents for someone on the highway. I'm sure we're all familiar with the logging requirements of the FCC, and do keep a record of traffic handled.

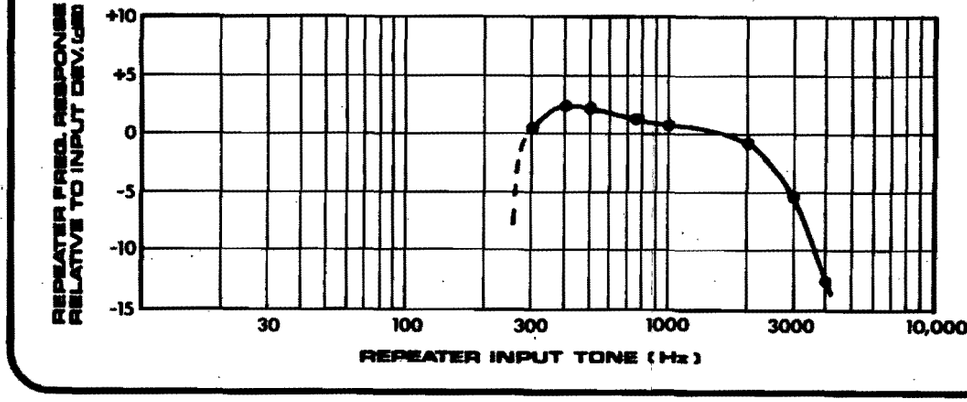
Our present membership is 245 (down from 313 at the end of our last fiscal year), and climbing very nicely as some realize WHY they are not getting our infamous newsletter with its outrageously slung arrows.

REPEATER FREQUENCY RESPONSE CHARTS
Thanks to Bob Gonsett, WA6QQQ

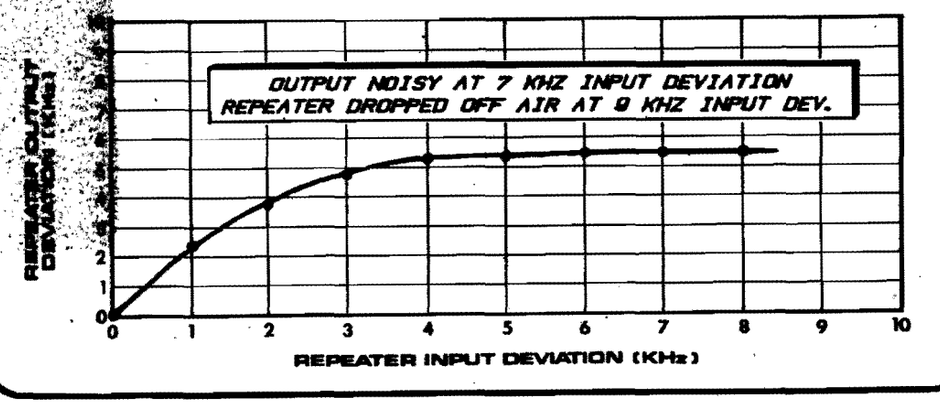
REPEATER FREQUENCY RESPONSE



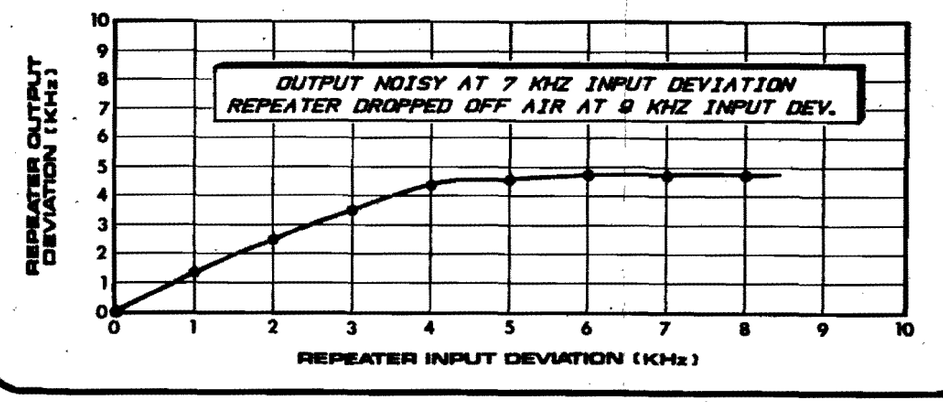
REPEATER FREQUENCY RESPONSE



REPEATER DEVIATION LINEARITY



REPEATER DEVIATION LINEARITY



Repeater: WD6HFR/R, 224.9 MHz output, 220 Club of San Diego
Date: 08/14/81 **Time:** 2200-2350 PDST
Deviation of input tone for frequency response test: ∿±2 kHz
Modulating frequency for deviation linearity test 1.00 kHz
Measured input frequency of repeater: 223.2995 MHz
Measured output frequency of repeater: 224.8997 MHz
Test transmitter: Wavetek 3002B (S/N 308522)
Test receiver: IFR FM/AM-1000S (S/N S1207)

Courtesy of Bob Gonsett, WA6QQQ

Repeater: WR6AII, 146.73 MHz output, PARC
Date: 08/14/81 **Time:** 2200-2350 PDST
Deviation of input tone for frequency response test: ∿±3 kHz
Modulating frequency for deviation linearity test 1.00 kHz
Measured input frequency of repeater: 146.131 MHz
Measured output frequency of repeater: 146.7297 MHz
Test transmitter: Wavetek 3002B (S/N 308522)
Test receiver: IFR FM/AM-1000S (S/N S1207)

Courtesy of Bob Gonsett, WA6QQQ

U.S. POSTAL SERVICE
STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(Required by 39 U.S.C. 3685)

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EDITOR (Name and Complete Mailing Address)
RALPH CROSSMAN, 3176 BLUEBIRD CANYON ROAD, VISTA, CA 92083

MANAGING EDITOR (Name and Complete Mailing Address)
NONE

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FULL NAME	COMPLETE MAILING ADDRESS
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FULL NAME	COMPLETE MAILING ADDRESS
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10. EXTENT AND NATURE OF CIRCULATION	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
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D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	11	10
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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

PS Form 3526 (Page 1) (See Instruction on reverse)
June 1982

RECEIVED TOO LATE TO CALCIFY

WANTED: Drake T4XB and R4XB, reasonably priced. Call Frank, N6AT, if you know of such a pair.

FORESAIL: Friden/Singer Computyper computer, uses paper tape, w/accounting softeware and manuals. No reasonable offer considered. Make a ridiculous one and see wha hoppens. Call Clint, WB6SLY, at 727-2002.

ARRL BULLETINS OF INTEREST
(Beyond a shadow of a doubt.)

According to Frank, N6AT, the only bulletin of interest was 93 of September 12, which gives the highlights of the Board of Directors meeting.

Full details in November QST. Thanks Frank.

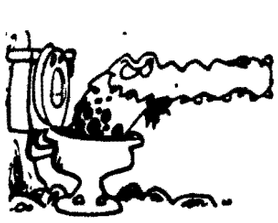
CABLE TV LEAKAGE

Bob Gonsett, WA6QQQ, president of Communications General Corp., has written to the ARRL, asking their assistance in combating the FCC's proposed VHF CATV leakage standards 14db liberalization. Bob's letter points out that this leakage, some of which falls in the amateur 2M band, will impair weak signal reception, and that, conversely, strong amateur signals may very easily cause CATV TVI. Our thanks to Bob for sharing this information with us; and for urging the ARRL to action.

"That's all", she wrote.

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Don Johnson
WD6FWE 07/82
3140 Lincoln ST.
Carlsbad CA 92008



NORTHERN SAN DIEGO COUNTY

W6NWG

Scope

VOL. XVI, NO., 11

1969 - 1981

THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083

NOVEMBER, 1981

++

PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta
EDITURE: Ralph Crossman, K6HAV, Vista

++

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Iffa you crazy (like some of our subscribers) you can get SCOPE without becoming a club member. It will cost you $2.50, unless you want it sent in plain brown wrapper or under cover of darkness. That will be extra - lots extra, so better to brave it out, facing the scorn of your fellow man (or woman).

Make checks payable to the PALOMAR AMATEUR RADIO CLUB, and get them to Jim Church at the address above, or hand them to him at flea market, club meeting or picnic. If all else fails, put 'em in the mail.

Each enlistment or reenlistment will get you wan beeg ticket for the picnic prize drawing.

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John Kuivinen, WB6IQS, is our dashing Repeater Committee Chairman. He will welcome with enthusiasm your critical comments on how to make our repeaters "real good", just like the one you used to operate on back in God's country.

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The November meeting of the Palomar Amateur Radio Club will take place in the Community Room of Glendale Federal Savings and Loan at the corner of Anza, Vale Terrace, and East Vista Way at 7:30 of the evening on the 4th (of November - should fortune smile upon us.) The program for the evening will be presented by Scott Smith of Radio Shack. His subject will be the TRS-80 computer.

With lots of space in the new parking lot adjacent to Glendale Fed, there's no execuse for you to stay home and miss the election of our club officers for the new year - you may be lucky and win.

FLEA MARKET

The November flea market will be held on Saturday, the 21st at 0800 in the Valley Drive In Theater on the north side of Mission (Route 76), just west of El Camino Real in smoggy old Oceanside. Strangely enough, the 21st happens to be the 3rd Sattidy of the month, the day on which the traditional old marketing of the fleas usually takes place. Bring your loved ones or your wife and kids and come on out and buy and sell like crazy. If you help with the club table, or have goodies for it, see Casey, KA6CRI. Don't forget to sign in when attending the flea mart or any other club function - you will get credit for the attendance and thereby garner a ticket (one for each attendance) for the annual picnic drawing. The winners each draw a picnic annual - or vice versa.

Other flea marts are the one in Santee at the Santee Drive In at 0700 on the first Saturday of the month, and the one at TRW in Redondo Beach.

Unfortunately the TRW newsletter doesn't give the time, location, or date. Rumor has it that the Poway club is also holding a flea mart.

****
* We are saddened to report the passing of Clem Futterer, WB6IXQ, on 27 *
*September after a lengthy illness. Clem became licensed in 1975 and was *
*a club member from that time. Clem will be missed. *
****

EXECUTIVE COMMITTEE

The Executive Committee meets, come what may, at 7:30 of the p.m. on the second Thursday of the month at Sambo's Restaurant on West Broadway on the inskirts of wistful Vista. Club members are welcome to observe.

At the October meeting of the Executive Committee a grand time was had by all. The Executive Committee voted to advance to the law firm of Shepherd, Shepherd and Dundas $200 for the incorporation work the firm is doing for the club. Le$, W6J$L, reports that the application for tax exempt status for the club has been completed and forwarded.

Jim, K6$LA, reported that the club is losing money, and pointed out that, in part, this is due to the lack of flea market participation, no income from the coffee table, and too few tickets purchased for the prize drawings. Jim continued, suggesting that we may have to consider raising the club's dues to $10 or to reducing the amount of picnic prizes.

It was moved, seconded and approved to give a door prize ticket to first-time guests and their hosts, if any.

John, WB6IQS, reported that Ed, KA6PKI, who is a professional at it, has offered to do any tower climbing needed by club members. John also says that Jack, W6QP, has donated 60' of 7/8" hard line to the club.

Casey, KA6CRI, reports that he's taking lots of goodies to the flea mart for the club table, but isn't moving much due to a lack of buyers.

Martin, K6NS, reported that the Nominating Committee has rounded up a full slate of officers for the club for 1982, but declined to say whom he had put the finger on.

OCTOBER CLUB MEETING

At the October club meeting Bill Salter, K6GJD, did not tell us about his trip down under, despite previous reports that he would. Frank Tipton, WA6HPP, did though, and showed slides taken in VK-land. No business was conducted due to lack of a quorum.

A grand time was had by nearly all.

NORTH COUNTY TRAFFIC NET

The club's North County Traffic Net meets on W6NWG nightly at 2000 local to handle traffic with San Diego County (including to and from). No net on club meeting night. New members are welcome. Request each night's NCS to be added to the rollcall if you wish. Emily, WA6ZKC, is net manager. She needs volunteers for NCS and ANCS. Call her if you can help.

BADGES

The above mentioned Jim Church, will be glad to take your $$$$ at the meeting so that he can order you an OFFICIAL Palomar Amateur Radio Club badge all of your own from the Cheapy Badge Company. If you're reasonably sure, let Jim know who in the blue-eyed world you are and he can order your badge with your very own name and call sign on it, just like the Big Guys have. Old Jim will leap with joy.

He has badges for some of you folks so come and gettum or he'll sell them at reduced prices to some of the more gullible.

FORESAIL
(Luff it or reef it.)

Kaar DT76 2M xtal controlled 120W transistorized (except for final) mobile tranceiver (148-174 mHz) w/xtals for Navy-Marine Corps MARS repeater, mike, control head, cables, and manual. Excellent condx. Teletype manuals for: M-28 page printers, M-35 page printers, M-28 typing reperfs. Manual for Singer Panalyzor panoramic adaptor Model SB-12b. Collins R-390 general coverage receiver w/manual. Call Ralph, K6HAV, at 727-5866.

Swan 500-C w/AC supply. Call Jose, WB6HMY, at 722-6054. If an Irish tenor answers, hang up - wrong number!

Teletype equipment and related Junque. Floor model 28 KSR page printer, 253-UG KSR typing reperf, TD with spare parts. All with 100 wpm gears. UT4 speed converter for 100, 75, 66, and 60 wpm. Tape, paper, and manuals. Sold en bloc or in bits and pieces. Swan 117CX A.C. power supply

with 12 VDC module. Call Walt, W6BCI, at 729-7846. If a dulcet-voiced, dewy-eyed liberal answers, hang up.

Cobra remote telephone with la$t-number-dialed re-dial feature. Co$t over $200. ICs, IC $ocket$, 1/4W re$istor$, and other $mall IC-related part$. TI 58C calculator and 100C printer. Very rea$onable. Call gentle, kindly, rea$onable old Le$ Clark, W6J$L, at 726-1313.

WANTED
(Chloe!)

Heathkit or Zenith TVs. Solid state only. 21" to 25" console. Prefer as-is condition. Must be reasonable or cheaper. Call John, WB6IQS, at 724-8380.

More of you staunch club members to attend the club's flea mart. See flea mart item above for details of time and place.

Someone to take over making the coffee and buying the doughnuts for the club meetings. Talk to Sam, KD6BW.

WARNING: DANGEROUS CHARACTER AT LARGE

A reward is offered for information leading to the arrest of Eddy Current, charged with the the induction of an 18 year old coil named Milly Henry (found choked) and with stealing valuable Joules.

This unrectified criminal, armed with a carbon rod, escaped from a Weston cadmium cell, where he had been clamped in ions. This escape was planned in three phases.

First he fused the electrolytes. He then climbed through a grid despite the impedance of the wardens and finally ran to earth in a nearby magnetic field.

He has been missing since Faraday. Watt seems most likely is that he stole an A.C. motor of low capacity, and is expected to change it for a megacycle rather than return ohm by a short circuit.

He may offer series resistance and is a potential killer.

(Thanks to Max, W6DEY, who says he got it from the Y.L. BEAM of the South Africa Women's Radio Club.)

AMATEUR RADIO LICENSING CLASS

WA6VYD' Fall semester class, which meets from 6:45 to 9:15 p.m. on Monday and Wednesday in Room 408, El Camino High School, is under way in good order. The High School is on Rancho Del Oro in east Oceanside.

LICENSE EXPIRATIONS

11/81: K6$LA, W6TCI. 12/81: W6PEU.

ARRL ENLISTMENTS AND REENLISTMENTS

When you enlist or reenlist in the ARRL, do so via the PARC, and the club will get $2.00 which would otherwise go to sweeten the pot in Gnu-ington (CT 06111, that is), and it won't cost you even an additional red (white, or blue) penny. The ARRL tab is $25 per year. Make checks payable to the Palomar Amateur Radio Club and get them into the hands of Jim Church. He'll take it from there. Sure helps the club's trea$ury.

WEATHER REPORTING

Joe, WB6HMY, reminds us all that the rainy season is not too far in the future for us to consider oiling up our t-rusty rain gauges and get them all calibrated for the winter's use. As usual, rain reports are for the period 1000-1000 at 1000 local on W6NWG. Joe and John, W6QCW, will be taking the reports and passing them on to the National Weather Service. The NWS is also interested in spot reports of unusual weather conditions at any time. Call Joe or John and tell them about it.

NOMINATING COMMITTEE

The Nominating Committee, consisting of K6NS, KA6CRI, and WA6ZKD, has come up with an outstanding slate of officers for 1982. The only problem is, he won't tell us who they are until the November meeting. So come to the meeting and see if YOU made the cut.

ARRL BULLETINS OF INTEREST
(Beyond a shadow of a doubt)

Bulletin 101 of September 25 says: Attention recent upgrades. If your interim permit is nearing expiration and your new license has not yet arrived, FCC will consider requests for extensions of time. Send a photocopy of your permit along with your request to FCC, Box 441, Gettysburg, PA 17325, ATTN Cheryl Dunlap.

Bulletin 103 of September 25 says: S 929, Senator Goldwater's bill which would give the FCC authority to establish minimum radio frequency

rejections standards for electronic equipment, has been approved and passed by the US Senate. Other features of the bill include granting the FCC the authority to use volunteer licensed Amateur Radio operators for the purpose of monitoring unlicensed stations or amateur stations in violations of the rules, and the authority to use volunteer licensed Amateur Radio operators for the purpose of preparing and administering amateur exams for entry level amateur licenses. S 929 would also exempt Amateur Radio transmissions from the secrecy provisions of Section 605 of the Communications Act, and would change the license term of an amateur license from 5 to 10 years. Approval of the House of Representatives is still needed.

Bulletin 112 of October 7 says: Starting October 23, 1981, U.S. amateurs will no longer be required to give the callsign of the stations with which they are in contact unless international third party traffic is being handled. Furthermore, there will no longer be a requirement to identify your station at the beginning of a transmission, so long as you identify your station at the end of the transmission or series of transmissions and at least once each ten minutes during the communication.

Thanks to Frank, N6AT, for the bulletins.

SICK CALL

Dick, W6MUO, was home from the hospital at last report.

DOWN THE TOOBE

Congratulations to Felix, N6IE, and Marty, K6NS, who received their 50 year certificates from the QCWA.

Whether you like it or not, this is the third issue of SCOPE which has been edited on the Gint Computer's brother. It's a real fine way to fly, since it doesn't take an all out effort to meet our deadline. Work on the next month's issue starts as soon as the last month's issue has gone to the Post Office, and instead of storing scraps of paper (some of which occasionally go astray), we simply store the scraps of info in the maw of the machine. It's fun to type on since we can tell it how long we want our lines and pages to be; that we want our headings centered; that we want a header or a footer (with automatic page numbers) on each page; and so on. And the machine does it all for us when we tell it to print out our efforts. We can cut and paste, and all on the screen. And then we can store the results while awaiting more information and the time to print out the finished product and take it to the printers. It's fun.

Joe, WB6HMY, says that if you're in range of K6YUH's 146.37/97 machine in north county you can take part in the swap net following the Westlink Report at 2030 on Tuesdays. The repeater is K6YUH/R.

Thanks to Brian, KF6C, for providing the club with some very expensive ICs for the repeater decoder which John, WB6IQS, is putting together.

Congratulations to Gordon Foulger, who is now KA6RGP. Gordon has been an associate member for a year or better, and is now a full member.

We see that Joe Craig, W6HLB, who was a club member 15 years ago when I joined, has re-joined the PARC. Welcome back, Joe, and good to hear you on the repeater occasionally. Joe joined originally in 1949, he says.

K6$LA, who has been off to a postmasters' convention someplace in the mid-west, has yet to get his trusty boat anchor fired up on the 450 mHz machine since it's been relocated to Mount Palomar.

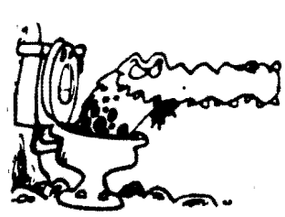
We hope you'll all remember that it is club policy NOT to notice the malicious jammer, unidentified station, etc, but to make every effort to located and identify them by listening on the input. Folks with directional antennas should attempt to get a bearing on interfering signals. Log entries should be made with full particulars of the instance.

"That's all", she wrote.

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Don Johnson
WD6FWE 07/82
3140 Lincoln ST
Carlsbad CA 92008

NORTHERN SAN DIEGO COUNTY

W6NWG

Scope

VOL. XVI, NO., 12

1969 - 1981

THE PALOMAR AMATEUR RADIO CLUB
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083-0530

DECEMBER, 1981

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PRESIDENT: Sam Holt, KD6BW, Oceanside
VICE PRESIDENT: Joe LaPointe, WB6HMY, Oceanside
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: Jim Church, K6$LA, Vi$ta
EDIT OR: Ralph Crossman, K6HAV, Vista

++

EXTRA! FCC DROPS "PLAIN LANGUAGE" REWRITE OF PART 97. SEE ARRL BULLETINS

MEMBERSHIP

Membership in the Palomar Amateur Radio Club is still $7.50 a year with no initiation fee, and includes a whole thrill-packed year of SCOPE - like it or not. All memberships expire on July 31st. Family memberships are $7.50 for the first family member and $5 for each subsequent family member living at the same address. New enlistees in December may join for a paltry $6.00, since dues are prorated.

Weird folks who actually WANT to get the SCOPE without benefit of club membership may do so by popping for a whole year of it for $2.50 - more, a whole lot more, if you have to have it in plain brown wrapper or under separate cover of night to protect your innocents (or innocence as the case may be).

Make checks payable to the PALOMAR AMATEUR RADIO CLUB, and get them to Jim Church at the address above, or hand them to him at flea market, club meeting or picnic. Failing all else, spend 20 cents and mail it.

Each enlistment or reenlistment will get you beeg ticket for picnic prize drawing, at which you can draw your own conclusions or something.

REPEATERS

The Palomar Amateur Radio Club owns and operates two repeaters, both of them W6NWG, on Mount Palomar at about 5,600'. One is a two meter FM repeater with an input of 146.130 mHz, and an output of 146.730 mHz. The other is a 450 mHz machine with an input frequency of 444.425 mHz and an output of 449.425 mHz. They are for club members and occasional transient users (OTUs vice HFLS - habitual free loaders).

Aging-but-agile John Kuivinen, WB6IQS, is our Committee Chairman. He will welcome with enthusiasm your critical comments on how to make our repeaters "real good", just like the one you used to operate on back in God's country (Hoboken?).

Co-located with W6NWG on Mount Palomar is WD6HFR, an open, carrier-operated repeater of the 220 Club of San Diego. The 220 Club kindly extends operating privileges on WD6HFR to PARC members. The input is 223.300 mHz and the output is 224.900 mHz.

NOVEMBER CLUB MEETING

At the November club meeting, Scott Smith of Radio Shack had the TRS-80 computer on display, and answered questions.

Ed, KA6PKI, reported on the SANDARC meeting. He said that the Council has 32 K-bucks in the bank. The interest on this money is for use in furthering amateur radio. Anyone with any ideas for such use should put their ideas in writing and get them to the club president for consideration by the club. Ed also said that there will be a joint amateur radio and computer convention in San Diego in June.

Martin, K6NS, reported that the Nominating Committee had selected: Micky Jenkins, WA6WQI, president; Roy Maxson, W6DEY, vice president; Billy McCord, WB6TBQ, secretary; and James Church, K6$LA, trea$urer. There were no nominations from the floor.

Betterton Electronics (John, WD6FRR) donated a very nice Akigawa SWR/power meter to the club prize table. Thanks, John. Sorry I din't win!

DECEMBER CLUB MEETING

The December meeting of the Palomar Amateur Radio Club will take place in the Community Room of Glendale Federal Savings and Loan at the corner of Anza, Vale Terrace, and East Vista Way at 7:30 of the evening on the 2nd (of December - should fortune smile upon us). The program for the evening will be presented by Craig Chambers, N6ATQ. His subject will be the use of

computers in amateur radio.

Our new club officers will be installed, so we can all face the challenges of the new year with renewed determination, head held high, high hopes - and a full tank of gas (whatever all of that means).

With lots of space in the new parking lot adjacent to Glendale Fed, there's no execuse for you to stay home. Wassail, Wassail.

FLEA MARKET

The December flea market will be held on Saturday, the 19th at 0800 in the Valley Drive-In Theater on the north side of Mission (Route 76), just west of El Camino Real in sunny old Oceanside. Bring your loved ones or your wife and kids and come on out and buy and sell like crazy. If you can help with the club table, or have goodies for it, see Casey, KA6CRI. Don't forget to sign in when attending the flea mart or any other club function - you will get credit for the attendance and thereby garner a ticket (one for each attendance) for the annual picnic drawing. The winners each draw a picnic annual - or vice versa.

NOTICE: If the December and January flea marts are NOT better attended than have those to date, there will be no further PARC flea marts. See article in this issue on the November Executive Committee meeting.

Other electronic-oriented flea marts are the one in Santee at the Santee Drive-In at 0700 on the first Saturday of the month, and the one at TRW in Redondo Beach on the last Saturday of the month, starting at about 0800. As I recall, it's held in the parking lot at TRW, but details of time, date, and place are still missing from the TRW newsletter.

EXECUTIVE COMMITTEE

The Executive Committee meets, come what may, at 7:30 of the p.m. on the second Thursday of the month at Sambo's Restaurant on West Broadway on the inskirts of wistful Vista. Club members are welcome to observe.

At the November meeting of the Executive Committee a grand time was had by all.

The committee voted to discontinue the flea mart if attendance does not pick up at the December and January sessions. Casey, KA6CRI, has been authorized to take the club equipment to the Santee flea mart and sell it.

The club will have a dozen foreign and U.S. Call Books for sale at reduced prices. Orders may be placed with Bob, N6DYO.

The club will try to sell advertising to defray the cost of printing and mailing the club's membership roster to be printed in December.

The club's incorporation papers have been completed, signed, and are on the way to the attorney for filing with the state. With any luck at all we should hear in January.

FIELD DAY RESULTS

According to the November QST, the Palomar Amateur Radio Club placed 18th in Class 4A (four transmitters) nationally and 3rd in Southern California, and 4th in the state. Not too bad, but wait 'til next year!

PROJECT GOODWILL

The club has received a letter from the International Amateur Radio Union which says that $50 of our money donated to the project went to buy a transceiver kit for Amateur Radio Algeriens of Alger, Algeria. We hope we will hear further from the IARU since we donated enough for several kits.

HAM-COMP '82

HAM-COMP '82 is a joint ARRL Southwestern Division and computer convention which will be held at the Town and Country Convention Center in San Diego June 4-6, 1982. Flyers concerning the convention bear the wrong address for mailing off your money for registration. Nell, NB6A, has been persistent enough to get the correct address and passes it along for all of you would-be registrants. It is: Ham-Comp '82, P.O. Box 82642, San Diego, Ca 92138. Pre-registration with banquet is $20, without banquet is $6. After May 15th the price goes up $1. Thanks, Nell.

MEMBERSHIP ROSTER

The club will publish a membership roster which will, with any luck at all, be handed out at the December club meeting. Betterton Electronics has been very kind in buying an ad on the back cover and thereby defraying the cost of printing and postage. Vista Printing Service has been most kind in giving the club the printing job at cost. Those unable to attend the December meeting will recieve their copy of the roster in the mail.

NORTH COUNTY TRAFFIC NET

The club's North County Traffic Net meets on W6NWG nightly at 2000 local

to handle traffic within San Diego County (including to and from). No net on club meeting night. New members are welcome. If you wish to be added to the roll of a particular net, make your request to that net's NCS. Emily, WA6ZKC, is net manager. She needs volunteers for NCS and ANCS.

BADGES

The previously described Jim Church, will be glad to take your $$$$ at the meeting so that he can order you an OFFICIAL Palomar Amateur Radio Club badge all of your own from the Cheapy Badge Company. If you are fairly certain, let Jim know who in the blue-eyed world you are and he can order your badge with your very own name and call sign on it, just like the Big Guys have. It will make Old Jim's Christmas a merry one.

He has badges for the following folks: WD6ATX, WD6CLG, N6DRX, KL7DG, WD6ENI, KA6MLY, KA6MWU, K4NLM, KØPJ, WB6RLU, K1TZI, and G5BYG. Come and get 'em.

SANTA CLAUS PROGRAM

Charlie, WB6ZJZ, is interested in expanding the Santa Claus Program for hospitalized children into Palomar and Scripps in Encinitas and possibly La Jolla. Folks who can help, or who want information, call Charlie at 758-3666.

FORESAIL
(Who can't spell?)

Deep four-drawer, legal size filing cabinet. Call Dick, WA6SCV, at 757-7048.

Pilot 80W per channel stereo system, complete, with manuals and fork lift. Call Guy, KB6AI, at 757-1745. Any reasonable offer will be refused.

Swan 500-C w/AC supply. Call Jose, WB6HMY, at 722-6054. If an Irish tenor answers, hang up - wrong number, unless it's Chico.

Kaar DT76 2M xtal controlled 120W transistorized (except for final) mobile tranceiver (148-174 mHz) w/xtals for Navy-Marine Corps MARS repeater, mike, control head, cables, and manual. Excellent condx. Teletype manuals for: M-28 page printers, M-35 page printers, M-28 typing reperfs. Manual for Singer Panalyzor panoramic adaptor Model SB-12b. Collins R-390 general coverage receiver w/manual. Call Ralph, K6HAV, at 727-5866.

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Cobra remote telephone with la$t-number-dialed re-dial feature. Co$t over $200. ICs, IC $ocket$, 1/4W re$istor$, and other $mall IC-related part$. TI 58C calculator and 100C printer. Very rea$onable. Call $weet, lovable, generou$ old Le$ Clark, W6J$L, at 726-1313.

Three antenna rotors with controls. Call Ed, KA6PKI, at 270-1697.

Hallicrafters HT-32 HF ssb transmitter, $50; Textronix 513 D oscilloscope, $75; Dumont 304 A oscilloscope, $25; tube tester which uses punched cards to make set-up for each type of tube, $25. All the property of the PARC. Call Ralph, K6HAV, at 727-5866.

WANTED
(Stout hearted men)

Heathkit or Zenith TVs. Solid state only. 21" to 25" console. Prefer as-is condition. Must be reasonable or cheaper. Call John, WB6IQS, at 724-8380.

Anybody interested in ham radio and computers come to the next club meeting. Also call Don, WD6FWE, at 729-1921.

AMATEUR RADIO LICENSING CLASS

WA6VYD' Fall semester class, which meets from 6:45 to 9:15 p.m. on Monday and Wednesday in Room 408, El Camino High School, is under way in good order. The High School is on Rancho Del Oro in east Oceanside.

LICENSE EXPIRATIONS

2/82: [illegible] 2/82: W6TZV, W6HZJ. 4/82: W6DEY, WB6NVE.

MARINE ACCIDENT

W6J$L tells about the two tankers which collided. One was carrying brown paint and the other one red paint. Their crew members were marooned.

THE METRIC SYSTEM

Le$ also passes along some metric system info he garnered from one of his trade papers. Under the metric system the centipede would be a beast with 0.01 legs. Its proper name would be hectopede, and a millipede becomes a kilopede. When the System Internationale comes into full use, quartz crystals will have to be literez crystals, and 32nd degree Masons will will have to start over at 0 degrees C. But the system is not as illogical as it sounds since the mini-skirt begat the micro-skirt, but micro-micro is not acceptable and the correct term is pronounced "peek oh". Enough? Thanks, Le$.

ARRL ENLISTMENTS AND REENLISTMENTS

When you enlist or reenlist in the ARRL, do so via the PARC, and the club will get $2.00 which would otherwise go to sweeten the pot in Gnuington (CT 06111, that is), and it won't cost you even an additional red (white, or blue) penny. The ARRL tab is $25 per year. Make checks payable to the Palomar Amateur Radio Club and get them into the hands of Jim Church. He'll take it from there. Sure helps the club's trea$ury.

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Joe, WB6HMY, reminds us all that rain reports are for the period 1000-1000 and are taken at 1000 local on W6NWG. Joe and John, W6QCW, will be taking the reports and passing them on to the National Weather Service. The NWS is also interested in spot reports of unusual weather conditions at any time. Call Joe or John and tell them about it. Sharpen up your gauges and measure very carefully, but let's not overdo it.

ARRL BULLETINS OF INTEREST

(No doubt about it)

Bulletin 136 of November 4: ARRL Headquarters has a new ham news HOT LINE: 203-666-1545, This number can be used at any time to report amateur activities of national interest.

Bulletin 139 of November 12: At an open meeting of the Federal Communications Commission on Thursday, November 12, the commissioners decided to terminate PR Docket 80-729, the so-called plain language rewwrite of the amateur rules, with no action. The familiar Part 97 remains in force.

SICK CALL

Dick, WA6SCV, is back home after a 5-day stay in the hospital for chemotherapy.

Dick, W6MUO, is home and doing pretty well, according to reports.

Bob, WA6KAR, is home after surgery. He says he's doing OK.

DOWN THE TOOBE

Good to see Jack, WA1RIP, back in the area. Sorry, Jack, but we got your ad in the mail just AFTER we put the November SCOPE in the printers.

We sure do like the job that VISTA PRINTING SERVICE at 714 South Santa Fe in Veesta does on the SCOPE. Paul Heismann, KA6PPD, will be overjoyed to talk to you and you and expecially you about your QSL cards and other printing requirements.

John, WD6FRR, says that Betterton Electronics will have a grand opening, complete with barbecue around the middle of the month. Betterton is now located at 3028 San Luis Rey Road in Oceanburg, where they are a near neighbor to Swan or Cubic or whatever, and across the street from Triplett Meters.

MERRY CHRISTMAS and "That's all", she wrote.

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Don Johnson
WD6FWE 07/82
3140 Lincoln ST
Carlsbad CA 92008