Vol. XII
No.2

W6NWG
WR6AII
SCOPE

February
1977

Official Publication of the Palomar Amateur Radio Club — Northern San Diego County's Oldest

From the Office of the President Bob Heitger, WA6KZN:

New chairmen and members of Executive Committee,
Field Day: Paul Dorey, WA6EJL — Refreshments: Marnie Cordero, WB6DFT

We express our thanks to Jim Kavan W6IPP for his faithful service as Refreshments Chairman. Also hope your health improves quickly so once again you can get back into the swing of things.

Welcome Jack Stafford, WA6NGZ as member of the Executive Committee.

Palomar Amateur Radio Club Executive Committee currently consists of: W6BLL, W6DEY, WB6DFT, WA6EJL, WB6EOT, K6HAV, WA6HPP, W6KGC, WA6OZS, K6ROR, WA6SCV, WA6SVN, WA6VYD, WB6WQI, K6ZB, and Officers: WA6AEZ, WA6KZN, K6SLA, WA6WVX.

Life Membership is not provided for in our present Constitution and By-Laws. At some future date our Constitution and By-Laws may permit Life Membership, and should the following listed members then desire to apply, they will be given Life Membership prededence as follows:

Dick Wagner, WA6SCV.	Number 1	Clem Futterer, WB6IXQ	Number 4
Burr Chambles, WA6VYD	Number 2	Jim Kavan, W6IPP	Number 5
Phil Schutze, K6ROR	Number 3	Clint Pullen, WB6SLY	Number 6

From the Office of the Treasurer, Jim Church K6SLA:

New and Renewed Members

George Pugsley, W6ZZ
Gene Marygold, K6EJO
Al Taylor, W6RGI
Aubrey Stewart, W6ODJ
Paul Linehan, WA6YCA

Scope Newals and Renewals

George Pugsley, W6ZZ
Bob Rivera, WA6NASTYNASTYCHARLIE
Owen Zweiger, WB6FFN
AL Taylor, W6RGI
Paul Dorey, WA6EJL
Paul Linehan, WA6YCA
Bud Pasnow, WA6BIR
Ed Holm, K6II

Badges in and Ready to Pickup

K6GJD	$4.00
WB6ILQ	$4.00
WA6TIJ	PAID
W6FAY	PAID
WA6TDE	$4.00

ARRL Membership Renewals

Renew your ARRL membership via PARC and the Club makes a buck. One year $9.00, Two years $17.00, Three years $24.00, Four years $13.00, and Five years $38.00. Make out your check and give the Treasurer. Be certain to also give him the renewal notice or address strip off of QST

The Treasurer also has Life Membership blanks for those who want to be a Lifer in the ARRL.

From the Office of Hospitality Chairman, Roy Maxson W6DEY:

The following names, addresses, and calls, where applicable, were obtained from the guest register at the recent PARC meeting. In some cases the parties named may now be members and to those who are studying or are interested in becoming amateurs, we bid you welcome.

Chuck Dellner, 380 Las Flores Dr. Vista Ca. 92083 =studying for Novice. 727-4112
Frankie N. Wilcox, 1495 Alvorado St. Oceanside Ca. 92051. Interested 722-0301
V.W. "Vince" Speer, WB6FJV, 1927 Alta Vista Dr. Vista, Ca. 92-83
Allen B. Taylor, W6RGI, 3909 Reche Rd., Space 1, Fallbrook, Ca. 92028
Curtis E. Johnson, WBØIQO, 1575 Oak Dr. Apt. C-6, Vista Ca. 92083 726-2243
Curt's YF is Evelyn, WBØIQP, we hope she makes it next time.
Bill Snedeker 650-207 So. Rancho Santa Fe Rd. San Marcus Ca. 92069. Wants to become a Ham.
Frank Ramme Jr., WB6HFE, 331 Redondo Dr. Oceanside Ca. 92054
Thanks and Welcome to All.

After many delays, our repeater is finally operating with a power output of 100 watts ERP and deviation is ± 5KHZ. We still have the 10 KHZ filter in the receiver just in case the repeater in Palos Verdes increases their signals to Palomar Mountain. Presently they bother the new Monterrey Park repeater. We hope this is temporary. You might hear Monterrery Park when Palomar is off the air. The difference in strength at Vista is 30 db. Monterrey Park repeater is filling a void. Single channel mobiles almost have coverage from San Diego to Las Vegas and Ventura. We believe the equelch setting on the Palomar machine is at an optimum, allowing handi-talki entry from different locations in San Diego County. You will notice that some mobiles will drop out behind hills before too much noise is transmitted. Listen to other repeaters and see the difference. The repeater Committee wishes to Thank all those who voluntered their help.

Alma Marygold was given a green and gold parrott for her 13th anniversary by her husband, Gene K6EJO. She had been trying to teach the bird some words and had some doubts as to its retaining the english language. One day Alma left the door of the cage open and one of her cats crawled in. That bird sounded off like a Drill Instructor, and such language! Even Alma was horrified!

If you'r needing something relating to our mutual hobby and you have to go to San Diego, could be you'd save yourself some time and traveling money if your first was Gary Radio. Convenient from north County at 8199 Clairemont Mesa Blvd.

* * * * * * *

The first Flea Mart of the New Year came on as planned, thanks to a break in the weather. A good way to start off the day dedicated to resolutions to be broken. The urge or compulsion which draws people to Flea Marts should find another interesting outlet with a visit to the HIWAY Company. On the south side of Wisconsin Avenue in Oceanside, across from the Department of Motor Vehicles ELECTRONICS include replicas from the days of spark to modern. If you go there once you will go back again. If you detect the aroma of a fine cigar "AJ" Link is aboard. If not then the front office should reveal Nick Andree.

* * * * * * *

The morning of January 4th a two car convoy left Vista and headed for the Palomar mountain repeater site. In the lead car Phil, K6ROR with Jack Wibier WB6ZRP riding shotgun broke trail for Felix K6ZB and passenger Frank W6PZU with their precious cargo of cavities. Murphy's law aided by a shorted coax fitting made things interesting. Near zero visibility with sleet put the pressure on. Finally WR6AII was back on the air loud and clear. Return trip to Vista was without incident -almost- K6ZB's Clegg 27B unable to stand the shock suffered a relapse and is now in the hands of its maker to replace a defective by-pass!

* * * * * * *

Miserable weather on the evening of January meeting held the attendance down from the expected standing room only to a comfortable wall to wall seating. The program was well received, both films very interesting. Thank you Dennis WB6IXC, for putting together a film showing Amateur Radio at at an everyman level. The fine ARRL film depicts Amateur radio from the 'dream' level of towering antenna and luxury equipment. Been dreaming that dream for my 48 years of Amateur Radio. A good program.

* * * * * * *

Another good program coming up. Just received via Phil K6ROR who got the word from Ron WA6WVX that the program for the February 2nd meeting will center around what promises to be most interesting. A film which records the Palmyra DX-pedition. Presented by W6FAY, James Carr of Escondido. This is one you won't want to miss. That's on Wednesday, 2nd of February at the Palomar Amateur Radio Club General Membership meeting, Glendale Federal Savings & Loans in Vista. 7:00 PM. Visitors are welcome.

* * * * * * *

Refreshment Chairman Marnie, WB6DFT promises to upgrade the usual fare of coffee and doughnuts provided by the Club. Perhaps a choice of tea or some other drink, or maybe something less heart burning than doughnuts. Understand Marnie volunteered and that is a combination hard to beat. A reminder to all who partake. Refreshments are provided from the Club Treasury. Proceeds from donations are recycled to provide increasing attendance.

* * * * * * *

CHARACTER OF THE MONTH

It is hoped that SCOPE, from time to time, can feature one of the "Characters" making up the erudite membership of the PARC. It is fitting and proper that we honor a "young" man who began his journey through this veil of tears about the same time that President Jimmy Carter set sail. Our character too is President -- of PARC, that is. Yes, we feature Bob Heitger, WA6KZN this month

Bob's most important decision was to latch onto a lovely young lady Joan, whom he promptly married and as a result, they have enriched North County with a son and daughter, and most important, one grandson. Phil Schutze, K6ROR, says that grandson is the most handsome little blond, blue-eyed, young man you'll ever see. (Please note that Uncle Phil has sired only daughters--nary a son.) Bob made his first big splash on the war troubled waters as a member of the famous 2nd Batallion, 5th Marines that landed on Guadalcanal and Tulagi. This was followed, in true Heitger style, by a nine month "vacation" in Aussie Land and old Bob probably thought the War was over before he left.

Since his contribution in World War II, Bob retired from the Service and became a member of Navy-Marine Corps Mars; earns his daily coffee and doughnuts with TV Craftsman in Vista; operates WA6KZN by means of a Collins KWM2, Swan FM2X, Motorola 450. Bob works on any rig with tubes or transistors but shys away from TV units.

We in the PARC are fortunate that Bob likes coffee so much, for after suffering a heart attack last June while at work, Bob, fortified by his faithful coffee cup made it all the way home where medical help could be called. We all congratulate Bob on his fine recovery and now we look forward to great things at PARC under his fine leadership.

* * * * * * *

One View of SAROC via W6DEY:

While it might not classify directly as coming under hospitality for the PARC it does deal with amateurs in a face to face confrontation at a convention. By this I mean the recent SAROC Convention in Las Vegas, Nevada. Mildred and I took in this bash together with a number of members of the PARC. The observations are my own. K6NS and his YF with a YL passenger kept in touch during the trip over on 2mtr fm, 52. I had taken along a pair of walkie talkies on CB channel 21 which I figured could be used for hotel to hotel communication since we were billeted in different units. They in the Saraha and we in the Thunderbird. This channel turned out to be the main CB talk channel in Vegas and we could not break or talk to each other. We also had 2mtr fm but it too was busy most of the time withidle chit-chat of the conventioneers and others. Some of the conversation was not without humor as I observed K9PIG contacting K9DOG both of whom were at the convention. On our return trip we departed at different times, but I did monitor 52 a considerable amount and was rather discouraged by the type of chatter which cluttered up this frequency which is normally used for calling or short contacts. Some of the hams used it for fillibustering type of qso with windy and non-essential information even including a non-raunchy shaggy dog type of story.

There is one type of activity on 2 mtrs that I think should be stopped and that is telling the other party where the highway patrol officers are. This sort of activity is assisting in a potential crime and it is verboten in radio usage. One could easily lose their ham ticket for such type of operation.

* * * * * * *

NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

Vol. XII, No. 3



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

MARCH, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREA$URER: JIM CHURCH, K6$LA, VISTA

"THEY'RE OFF!"

Newal or renewal of your SCOPE subscription (once a year does it) is still only $2.25 per annum (yearly it's the same price - no time off for behaviour). Make your check payable to the Palomar Amateur Radio Club; and get it to Jim (Church, that is), K6$LA, somehow or other. If you think our prices are high, try a yearly subscription to one of the weekly news mags. I decided not to resubscribe when I found it would cost me $26 for one year or $42 for two! Wonder what ever happened to the penny post card. Same thing that happened to the dollar dollar.

Get it while it's cheap(er). ARRL membership dues are going up (see ARRL Bulletins). When you DO enlist or reenlist in the ARRL, do so via the Club which will then get a dollar of your dough which would otherwise go to the aforesaid A2RL. Make checks payable to the Palomar Amateur Radio Club; and get them to the TREA$URER by hook or crook - include QST mailing label and reenlistment card. Prices until April 1 are $9 for the first year, $8 for the second, and $7 for the third through fifth. Life memberships don't contribute anything to the Club's Trea$ury so don't bother Jim with your problems - direct liaison with the A2RL is authorized.

MARCH CLUB MEETING will be held at 7:30 of the P.M. on Wednesday the 2nd in the meeting room of Glendale Federal Savings & Loan at the corner of Anza and East Vista Way in ever-lovely Vista, the home of TV Craftsmen (Harmonious Hi-Fis for Happy Hams). Don't know what the program is going to be, but Ron has been coming up with some dandies so don't miss it. The Club has received a 2m amplifier, donated by W6NLO's WESTCOM (thanks, Merit), which will go to some lucky person at this month's meeting. K6ROR and W6JSL will probably both try to attend, so come early and take their parking places (it's fun and exciting to watch them try to cross East Vista Way in their wheel chairs).

The March FLEA MARKET will be held on Satruday, the 5th from 9:00 to noon, or thereabouts in the SWAN ELECTRONICS parking lot on Airport Road in ever-foggy Oceanside. We missed the last two Palomar Amateur Radio Club-Swan Electronics Flea Markets and were amazed at the number of folks at the February get together. AMAZING!

The February meeting was highlighted by the program presented by Jay, W6FAY, on the subject of his DXpedition to Palmyra Island. Jay's slides and talk were enjoyed by all. The Club's Field Day Chairman, Paul, WA6EJL requests input on possible Field Day sites. Bob, WA6KZN, informed the Club of the letter from the repeater site owner which requested that the repeater be removed from his property. Bob further indicated that the repeater had been removed and was now operating from a temporary site at K6GJD's house 600 feet above sea level in Vista, where it will remain until the new building on Mount Palomar is completed. Hod, WB6IFH, has been named to assist Dick, WA6SCV, in heading up the building committee. Bob then announced that the Club would accept donations to the building fund. Pledging $100 each were: Dick, WA6SCV; Burr, WA6VYD; Clem, WB6IXQ; WB6IFH; Marnie, WB6DFT; and Clint; WB6SLY. At least $100 in anonymous donations have also been received.

Burr, WA6VYD, graduated 25 Novices, 5 Technicians, 3 Generals, and 2 Advanced Class licensees from his course at Mira Costa last semester. His new course started February 7.

If you get shot when the sentry says: "Advance to be recognized", maybe you'd better see Jim Church and order an Official Club Badge. They're expensive (cost $$$ not ¢¢¢). Get recognition, get a badge, go broke.

ARRL BULLETINS OF INTEREST (Probably)
OFFICIAL BULLETIN NR 628 FROM ARRL HEADQUARTERS NEWINGTON CT
JANUARY 13 1977 TO ALL RADIO AMATEURS BT
In a public notice released January 10, the FCC announced the implementation of an instant upgrading program. Effective March 1, Engineers in Charge of the various FCC field offices will be delegated authority to issue interim amateur permits to applicants for amateur operator licenses who successfully complete the examination and who already hold an amateur license. This interim permit will be good for 90 days or until the new license is issued, whichever comes sooner. The interim permit will indicate a special ID which must be appended to the amateur station call whenever the operator utilizes his newly earned privileges. Further details will be carried over W1AW and in QST when available. We emphasize that this instant upgrading program does not take effect until March 1. AR

PART OF OFFICIAL BULLETIN NR 629 OF JANUARY 22 1977
Meeting in annual session January 20 and 21, the ARRL Board of Directors voted to increase the annual membership dues to twelve dollars in the US and Canada effective April 1, 1977, in order to assure adequate reserves for the World Administrative Radio Conference and other expanding programs of the League....The Board aut horized the filing of comments with FCC in docket 20271 concerning WARC preparation, and support of RM-2800, a proposal to permit former amateurs to regain licenses without examination. Full details and minutes of the meeting will appear in the March QST. AR

OFFICIAL BULLETIN NR 631 FROM ARRL HEADQUARTERS NEWINGTON CT
FEBRUARY 10 1977 TO ALL RADIO AMATEURS BT
The League has now filed a 50-page document with FCC in response to the Third Notice of Inquiry in Docket 20271, concerning WARC-79 preparation. This comprehensive filing covers the spectrum from 10 kHz to above 40 gHz and points out how more spectrum can be given to amateurs without affecting other services. February QST reported on the FCC inquiry. Copies of the League response are available to any ARRL member who sends in an addressed stamped envelope at least nine by eleven and a half inches in size with fifty cents postage for third class mailing or ninety cents for first class mailing. Address your requests to WARC Response, ARRL, 225 Main Street, Newington, Ct 06111. AR

FORESAIL (A used spinnaker, maybe)
Murch Electronics Ultimate Transmatch UT-2000, $100. Eico Model 710 griddipper, .4 to 250mHz, $27.50. CW bug, $7.50. Heath HN-31 Cantenna, $12.50. Contact Charlie Wolfe, WB6DUS, in Oceanside.

Desk-top linear amplifier 11"X9"X8" with two 3-500Zs (2 spare toobes) and separate solid state 3000v 1A pwr supply. Ball mount with quick disconnect Hustler Fold Antenna with 10, 11, 15, 20, 40, and 80M resonators in top condx, $60 firm. Call Will, W2FWV, at 436-3277.

Collins general coverage digital dial R-390 rx. Call Phil, K6ROR at 724-0098. Good luck in the contest.

New and re-gnued club members are: Floyd and Vanessa Harvey, W6JSP and WB6BHE; Mike Brega, W6AAM (2 years); Bill Larson, WB6JQJ; Grace and John Peneau, WB6TAX and WB6TAY; Curtis Johnson, WB6IQO; Bob Gates, WB6TBA; Charlie Fay, WB6WHC; R.F. Raines, WA6TAW; and Chuck Dellner.

If you have saved the membership roster printed in last month's SCOPE, the foregoing folks can be added to it. You should also add all or part of the Associate Members who were listed in the September 1976 issue.

New and used SCOPE subscribers are: Walt Lockhart, W6SCI; Jack White, W6SMP; Bill Larson, WB6JQJ; Herb Stovall, W6FET; Gayle Lee, WB6BVH; John & Grace Peneau, WA6TAY & WB6TAX; Curtis Johnson, WBØIQO; Woody Woodhouse, W6QWH; Bob Gates, WB6TBA; R.F. Raines, WA6TAW; and Charlie Wolfe, WB6DUS.

From our SCM, Art Smith, W6INI: "From time to time I hear my fellow amateurs, on the air, selling all kinds of gear, readios, cameras, boats, cars, etc. I think it would be well to remind everyone that, a few years ago, the FCC made the following public announcement: 'A licensed amateur could use his station from time to time to discuss the availability of a piece of his amateur radio equipment, but such activity would be limited
(Continued -hopefully)

(From our SCM - continued probably)
to that of an occasional nature and could not include any items of a personal nature such as a camera, ordinary radios, etc., nor could this activity be conducted on a regularly scheduled basis.' Those are the words of the FCC. Please note that you are strictly limited to 'amateur radio equipment.' You will also note that the above quote does not prohibit you from mentioning prices. The commonly used dodge of stating so many ;ohms' wouldn't fool anyone even if stating prices were prohibited."

WA6KZN, our fearless leader sez:
Thanks to Felix, K6ZB, for his service as Editor while K6HAV was off on a holiday trip; and for chairing the committee to revise the constitution and by-laws. Thanks also to WB6EOT for chairing the Publication Committee.

K6HAV, Ralph, has resumed the positions of Editor and Chairman of the Publication Committee.

WB6IFH, Hod, is now a member of the Executive Committee, which now consists of W6BLL, W6DEY, WB6DFT, WA6EJL, K6HAV, WA6HPP, WB6IFH, W6KGC, WA6NGZ, WA6OZS, K6ROR, WA6SCV, WA6SVN, WA6VYD, WB6WQI, and Club Officers WA6AEZ, WA6KZN, K6SLA, and WA6WVX.

Despite the Editor's suggestion that you take the handicapped parking (the three spaces near the door on the Anza side of the building), we ask that you leave those open for some of our less fortunate folks until 7:30 or so.

Thanks to all of those folks who have helped us move the repeater and antennas, poles, etc. from the original site. Thanks also to the crew who cleared the brush from the new site. Also, our gratitude to those who are financially supporting the building of the new site; and to the mysterious benefactor who is providing the site.

REPEATER
Late in January, the Club received a letter from the present owner of the repeater site demanding that the repeater be removed from his property. He didn't like the traffic at the site (although he obviously liked the site rental money $$$); and claimed that the repeater was getting into his newly purchased hi-fi.

With no other course open to the Club, the repeater was removed from the site. On Saturday, January 29, a four-truck convoy with Bill, WA6AEZ; Verl, WB6EOT; Bob, WA6KZN; Jack WA6NGZ; Dave, WB6NIJ; Frank W6PZU; Jim, K6$LA; Felix, K6ZB; and Charlie Migliazzo, a friend of the PARC, arrived at the site at 9:40 through slush left by the previous night's storm. By 1:20 (of the P.M.) they had removed repeater and duplexer, dug up the heliax, up-rooted the two antenna poles and moved them to the new site, and loaded everything else aboard the trucks and were on their way down the mountain headed for K6ROR's QTH. A job well done, but it's just too bad that it had to be done before the new site could be prepared to handle the repeater.

Phil, K6ROR, put WR6AII/6 on the air from his house while he checked it all out again; and then moved it to the other side of town to K6GJD's QTH where it is considerably higher than at Phil's. The coverage in North County is pretty good except over in to Escondido and environs. Please note that its present location is only temporary; and that WR6AII will be reinstalled on Mount Palomar as soon as the construction crew can get the new building and antennas up. Please be patient; and WR6AII will be back in business as good as ever.

The 450mHz repeater, which had suffered a case of the megrims, is now back on the air without the amplifier.

Thanks to Bill, K6GJD, for providing us with one of the 2M amplifiers he builds. We use it on WR6AII; and it proves its merit by standing the gaff in that type of nearly continuous service.

DOWN THE TUBE
Thanks to Gary Radio for the continuing support in the prize department. We do appreciate it.

RECEIVED TOO EARLY TO CALCIFY (FORESAIL)
Atlas 180, latest model w/noise blanker, $389. Call Paul, WA6YCA, at 753-6477 dwh or 753-6750 home.

MORE DOWN THE TOOBE
Understand that Jack Wibier, WB6ZRP, who has a 2nd Class FCC Commercial ticket, has opened San Marcos Communications for the servicing of C.B., amateur, and commercial two-way radios. Address is 131 Prohoroff Lane in San Marcos; phone is 744-3746.

K6ROR has ordered a solid state Lampkin deviation meter to replace his old tube type. Phil knows that Lamkin got the order in good shape since they phoned him to send more money, but they sure are slow in filling it (this will get it to you in a hurry, no doubt). Phil did get one order filled on schedule. His XYL returned on schedule from her trip home to Panama. Trust that makes all well on Maelee Drive, Felipe.

Sure was good to see that young fellow, W6VTV, at the last Flea Market. Bill looks as chipper as ever; and is getting around the country in a custom van. Pretty spry!

El Presidente reports that he and WB6IFH, WA6AEZ, WB6HSZ, and Glover Webb, a friend of Hod's from someplace like Ohio, spent Saturday morning, the 19th, on Mount Palomar at the new repeater site clearing the site of brush and marking the site for construction. Don't forget, even if you can't help with the work on the mountain top, you can help by donating to the building fund. Get your $$$ to WA6SCV, K6ROR, or K6$LA.

Gene, WB6PFO, is looking for real estate in the Northwest; and planning to leave beautiful downtown Carlsbad (Gene really lives downtown - directly across from the city hall) for the rainy country. Says he and XYL Grace can't take the smog any longer. WA6HQM, who tried such a move, says: "You'll be sorry". Dave is now back in Encinitas whence he started. Pay attention, Gene!

The Southern California Repeater Association informs us that they are planning to sanction an open autopatch repeater, WR6AWS, on Palos Verdes Peninsula on an input frequency of 146.745mHz and an output frequency of 146.145mHz. The Club does not intend to respond, since a three-page response to a previous "sanction letter" was ignored by the SCRA. This new autopatch will not bother WR6AII, but over-deviating and high-power users of the autopatch may bother WR6AII's users who are in weak signal areas of the Palomar machine's coverage. Wish we could all afford the narrow filters required to eliminate this type of interference.

Thanks to K6$LA, K6ROR, WA6AEZ, W6PZU, and WA6KZN for providing us with input for the SCOPE (some of the input was vertical and some horizontal - must have been, since it was input to the SCOPE). Oh, wowyland!

Thanks to Felix, K6ZB, and Verl, WB6EOT, and those others who helped to get the last two issues out while we visited relatives in Oklahoma and Texas; and sampled the delights of New Orleans and Acadiana.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, Ca 92083
Subscription: $2.25 yr.
Vol. XII, No. 3 March 1977

2nd Class Postage paid
at Vista, Ca 92083



DONALD JOHNSON

3140 LINCOLN
CARLSBAD CA 92008

2/78



NORTHERN SAN DIEGO COUNTY

W6NWG WR6AII

SCOPE

Vol. XII, No. 4

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

APRIL, 1977

EL JEFE: BOB HEITGER, WA6KZN, CARLSBAD
EL SEGUNDO: RON EARL, WA6WVX, SAN DIEGO
EL SECRETARIO: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
LA BOLSA DE DINERO: JIM CHURCH, K6$LA, VISTA

PLAY IT ONE MORE TIME, SAM!

Newal or renewal of your SCOPE subscription (once a year does it) is now $2.50 (up from $2.25 by a vote of the membership of the PALOMAR AMATEUR RADIO CLUB to meet rising production costs - the Editor hasn't had a pay raise since '02, the year before the '03 came out). Make your check payable to the aforesaid club and get it to James A. Church, K6$LA, at the address in the heading; or if you don't trust the mails, hand it to him at Flea Mart or meeting. To all of our readers in Fort Dick (Ca, that is): A subscription to the SCOPE does NOT IMI NOT buy you a piece of the rock. Explanation follows under separate cover of night - or at a later date or some such. Pay attention! Or else!

If you didn't get your ARRL newal or renewal before the 1st of April, it's just about too darn late. On April 1, 1977, it'll cost you $12 to join the League of American Radio Relayers. Haven't heard whether there'll be any commensurate increase in the Club's take when you join or rejoin via the club. Come what may, join via the club and we should get at least a dollar (gee, a whole dollar!) that would otherwise go to the aforesaid A2RL. Make checks for $12 payable to the Palomar Amateur Radio Club and get it to the previously described Jas. A. Church and all that jazz. Don't bother Jim with your checks for Life Membership in yon League of American, etc. The club doesn't get a whiff of that $$$, so if you wanta enlist for life, deal directly with Newington (Ct 06111, that is.)

APRIL CLUB MEETING will be held on or about Wednesday the 6th of April (probably) at 7:30 post meridian in the meeting room of Glendale Federal Savings & Loan at the corner of Anza and East Vista Way in Bill Driml's old home, Vista, the home of TV Craftsmen ("Homologated Hi-Fis for honest hams.") For our program we are going to see the new digitally tuned, frequency synthesized 80-10M SSB transceiver, the Astro 200, built by CIR Industries in El Cajon. It looks like quite a rig; and was advertised in the February QST. We will also have the drawing for the 10W in-40W out 2M FM & SSB amplifier donated by K6GJD. Tickets will be on sale at the Flea Mart and club meeting. All funds from this drawing go to the Repeater Building Fund to help us get the new home for WR6AII up. Buy plenty and help us with the construction. El SUPREMO, WA6KZN, says please would we not park in the parking places closest to the door on Anza. Leave them for the folks in wheelchairs (although it is fun to watch them trying to cross East Vista Way against the light on a foggy night!)

The PALOMAR AMATEUR RADIO CLUB - SWAN ELECTRONICS Flea Mart for April will be held on Saturday, the 2nd of April (if it doesn't turn into March or May) from the beginning until noon or thereabout, whichever comes first, in the SWAN ELECTRONICS parking lot on Airport Road on the outskirts of greater Oceanburg. If you haven't been to a flea mart in a day or two, you'll be surprized at the mob scenes we're having. Only sellers in the parking lot. Everyone else on the street and wherever, but don't take all of the spaces for the commercial enterprises in the neighborhood or Swan will get a big growl or two - pliz! Tickets for the 2M amplifier available. Club members, be sure and sign in. Remember the picnic and the prizes!

The March Club meeting featured Ray Hodges, W6AQP, representing ATLAS RADIO. Ray demonstrated the Atlas 210 and 215 transceivers; and introduced the new 350XL for the first time. Production on this newer, more advanced transceiver will start shortly.

(Continued - hopefully)

(March Meeting - Continued, probably)
Carlsbad amateurs interested in assisting in manning the RACES Civil Defense (or whatever it's called now) station, should check in with Jack, WB6OJF, and Frank, WA6HFE, at the Elm Street Fire Station on Mondays at 1930.

Frank, W6PZU, North County EC, reported fair participation in the SET; and less than fair message handling (but, Frank, we all know how to draft and handle messages with their headings and precedences and originators and addressees and stuff, don't we?). Frank asks that we all review message formats and be ready for future tests or actual emergencies.

Herb, W6KBD, requested that anyone on 220 mHz contact him.

Membership voted to raise the SCOPE subscription from $2.25 to $2.50 to cover the increased production costs -hopefully.

A grand time was had by all - no doubt.

CHANGE OF ADDRESS: One reason for the increased cost of getting this into the hands of the postal inspectors - and hopefully to you, is the 25¢ that it costs the club each time one of our subscribers changes his address, but fails to notify the club. Soooo, please let us know when you move and save us the two-bits that it costs otherwise. PAY ATTENTION! DO GOOD!

Wanta be identified as a card-carrying PARC member? Get with it. Order your OOOOFISHUL Palomar Amateur Radio Club badge from Hon. Jas. A. Church at any official club function such as our reenlistment tar and feathering parties, dog fights, etc. All it takes is the cents to give Jim the $$$.

ARRL BULLETINS OF INTEREST: (Mayhap)
OFFICIAL BULLETIN NR 632 FROM ARRL HEADQUARTERS NEWINGTON CT
FEBRUARY 17 1977 TO ALL RADIO AMATEURS BT
The FCC announced on February 15 at the Personal Communications-77 Show the release of a Notice of Proposed Rulemaking on the banning of the sale or manufacture of any amplifiers covering the 24-35 mHz range. FCC will accept comments on this proposal until April 25, and reply comments until May 5. For a copy of this notice send a self addressed envelope with 24 cents postage to Amplifier Docket, ARRL, Newington, CT 06111. The document will be sent as soon as available from FCC. Further information will appear in April QST. The FCC also expects to release within a couple of weeks a Report and Order, to be effective 30 days after publication, that would establish spurious and harmonic output limits for amateur amplifiers. It would prohibit the sale or advertising of amplifiers which do not meet these limits. More details on this when available. AR

OFFICIAL BULLETIN NR 633 FROM ARRL HEADQUARTERS NEWINGTON CT
FEBRUARY 24 1977 TO ALL RADIO AMATEURS BT
A large three-color OSCAR poster is now available without charge from ARRL Headquarters. Perfect for club displays, OSCAR demonstrations and exhibits, the poster illustrates how signals are transmitted through the satellites. Also included is a special pad with detachable sheets for people to use in writing for further information about amateur satellites. To order your poster, please send $1.00 for postage and handling to OSCAR Poster, ARRL, 225 Main Street, Newington, CT, 06111. Include a brief description of your planned uses of the poster. AR

OFFICIAL BULLETIN NR 634 FROM ARRL HEADQUARTERS NEWINGTON CT
MARCH 3 1977 TO ALL RADIO AMATEURS BT
Senator Barry Goldwater, K7UGA, on March 2 introduced a bill, S-864, requiring that measures to prevent radio frequency interference be incorporated in the manufacture of consumer electronics products. The bill is similar to the bill Goldwater introduced last year. See page 39 of March 1976 QST for a discussion of last year's bill. Amateurs who support such RFI legislation should send a personal letter to their Senators in Washington, DC, outlining the need for protective filtering and shielding in consumer electronic equipment. Similar legislation is expected to be introduced in the House of Representatives shortly. AR

OFFICIAL BULLETIN NR 635 FROM ARRL HEADQUARTERS NEWINGTON CT
MARCH 4 1977 TO ALL RADIO AMATEURS BT
(Continued in our next - probably)

(ARRL BULL Continued--probably)
OFFICIAL BULLETIN NR 644 FROM ARRL HEADQUARTERS NEWINGTON CT
MAY 5 1977 TO ALL RADIO AMATEURS BT
The very first running of the International Amateur Radio Union Radiosport Championship is scheduled for the weekend of July 9 and 10. IARU is composed of over 90 national societies around the world, with ARRL serving as headquarters. This unique operating event will focus attention on amateur radio worldwide, with a view toward furthering amateur radio solidarity as we approach the 1979 World Administrative Radio Conference. For full details on this International QSO Party, check page 85 of the May issue of QST. Send for your entry forms with an s.a.s.e. now. AR

Please to be sending us a change of address when you move. It costs the Club 25¢ to hear about it from the Postal folks. Be nice and let us be the first to know.

Get your outrageously expensive (but what isn't nowadays?) OFFICIAL PALOMAR RADIO CLUB Badge by taking the matter up with our aging-but-agile OFFICIAL CLUB TREA$URER. Get the necessary loot to Jim and he will fall all over himself to get your cheapy plastic badge for you so we can tell who in the blue eyed world you are, you lucky devil, you.

$ $ $ $ $ $ $ $ $ $ $ $ $ $

REPEATER (Wish we had one!):

WR6AII, the off again, on again repeater is off again and back to the factory (identical lead on last month's REPEATER article). That TURKEY we so glibly call a repeater came back from Standard; and worked fine into a dummy load, but refused to function properly into a properly matched antenna. Bob, W6NZX, finally got sporadic operation from it by introducing a deliberate mismatch. Even then, it would drift into squealing, howling fits; and have to be shut off. Just a repeat of previous problems - some sort of spurious emission that was too low level to see on a spectrum analyzer, but strong enough to get back into the receiver.

After several discussions with the Standard folks in Carson, Bob got them to agree to replace the transmitter strip at no cost to the Club. So, on the 17th of April, K6ROR and WB6EOT hauled it back up to the Standard folks (its third trip back!). All concerned are now waiting with baited breath to see if this will do the trick. Meanwhile, back at the ranch....

At the April club meeting it was decided to go ahead and raise the money to buy a commercial grade repeater to replace the present problem-ridden klutz. Even if the Standard folks come up with the fix for the present machine, the Club will go ahead andprocure something that we can count on (for a change). So if you want to help, get your donation to K6$LA, being sure to let him know that it's for the repeater.

On Saturday, April 30, a work crew consisting of WB6HSZ, WA6KZN, WA6OGD, WA6AEZ, K6$LA, WA6OFK, and WB6PPB Went to the mountain; and finished setting the concrete blocks for the repeater building. They were back off the mountain after laying the last one at 4:00. WA6KZN was the "gofer", making three round trips hauling up blocks and material.

On Saturday, May 7, WB6HSZ and K6$LA rented a dump truck to haul 2 1/2 yards of pea gravel to the site for grouting the cells in the concrete blocks the following weekend. John and Jim loaded the rented truck and made an uneventful trip to the mountain top; started down through the trees only to hear a loud hissing - a tire. They hurried to get to the site and get unloaded, but as they started to back in, they found they couldn't as the truck slid sideways. BOTH right rear duals were flat! No sign of W6BLL and N6IE who were coming up to take pictures; and no radio. Nothing to do but start hoofing it. A good neighbor took pity and hauled them to the lodge where they called the truck rental outfit. "Tough luck fellas. Nothing we can do. Call your own tire company." Next call to K6ROR who already knew about it - heard it from W6BLL and N6IE who had finally put in an appearance. Phil made several calls; and with the help of W6NZX and K6GJD finally got a service truck out of Carlsbad to come up and repair the tires. Finally got unloaded and home about 9:00 P.M.! The little bird that watched it all said that, upon coming on the scene, Felix said: "Oh, good. Here they are . . . oh, bleep." Jack was speechless.

On Saturday, May 14, another crew, consisting of WA6DYV, WA6OJD, K6$LA, WB6HSZ, WA6AEZ, WA6EJL, WB6JDT, and WA6KZN went to the site and mixed and
(Probably continued)

REPEATER (Continued - no doubt)
poured the grout in the walls; and installed the plates on which the roof will rest. This crew finished by 12:30 (daylight) and have now finished the installation except for the roof, electrical service, and antenna. Quite a job! The repeater users surely owe their thanks to the many who have contributed the real estate, the money and the time and effort to get the job done. A pox on those who said they'd help but slept in instead! Now if we just had a repeater.....

Zane Sprague, K6WK, says that an effort is being made to start a 2M SSB net one night a week in the Southern California area as a part of the national Side Winders on Two (SWOT) club. The club's purpose is to create more interest in 2M SSB, be it for DX, OSCAR, QSOs or experimental. Northern Cal already has four such nets; and there are others in other parts of the country, but none in SoCal. The SWOT Radio Club is headquartered in Fort Worth and publishes a monthly bulletin. Anyone interested in joining may contact Zane at 434 Glencrest Dr., Solana Beach, Ca 92075. He would also like to hear from anyone regarding formation of a SoCal SWOT NET on 145.1 mHz or other freq, and preferred evening. Zane has SWOT applications.

DOWN THE TOOBE:
Gene Holzenberg, K7PQ and formerly WB6PFO, writes to reenlist in the SCOPE; and give us his new call sign in seven-land. Gene says that due to the topography of the QTH he has had to settle for a center-fed Zepp with open wire feeders tuned by his matchbox. He's going to try to check in on Sunday mornings. Gene says he likes the new short call better than the old, especially on CW. Due to a dry summer, no moss growing on the north side yet - wait'll next year. Gene's in Lincoln City, Or.

Bill Taylor, K6TQ, says he's still without 2M gear, but as soon as it's perfected he will look further into it. Might as well now that you're selling your 160M rig, Bill.

Another converted web-foot is Bill Jago, who is now K7MO; and is growing moss on his north side in Merlin, Or.

More call sign changes besides Bill Taylor are K.W. Pyle, N6BU; Chuck Delner, WA6ZDA; and Glen Bodeker, N6WB.

Honorable OFFICIAL TREA$URER says please to remember that the price of a SCOPE subscription is now $2.50.

Honorable OFFICIAL TREA$URER has taken XYL and departed for KL7-land (in an obvious attempt to get her mind off of the numerous trips to the mountain, including the infamous "flat tires on the mountain" gambit).

Speaking of the Postal Service, the last SCOPE took nine days (five miles per day) to get to South Laguna. Way to go!

K6ROR just couldn't stand it! That's right. With W6NZX taking over the repeater chairmanship from Phil, the 2M machine could no longer take up room on Phil's bench. That left the 450 mHz machine. That's right where it is - on the bench at K6ROR. Better than wearing it out by using it!

Thank's to all those who help fold, spindle and mutilate as required by the Postal folks.

"That's all", she wrote.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, CA 92083
Subscription: $2.50 yr.
Vol. XII, No. 6 June 1977
P.O. Pub. #076530

2nd Class Postage paid
at Vista, CA 92083



DONALD JOHNSON

3140 LINCOLN 2/78
CARLSBAD CA 92008



NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

Vol. XII, No. 5

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

MAY, 1977

+ + + + + + + + + + + + +

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREASURER: JIM CHURCH, K6LA, VITA

* * * * * * * * * * * * *

Off we go into the wild blough yonder.

° ° ° ° ° ° ° ° ° ° ° ° °

Newal or renewal of your SCOPE subscription (once a year does it) is now $2.50 (raised by unamimous vote of an avaricious membership from its previous low, low price of $2.25). Make checks payable to the Palomar Amateur Radio Club; and get 'em to Hon. Jas. A. Church, K6$LA, at address listed in the masthead (whatever, and wherever that may be). Hope all you folks in Fort Richard are paying attention. Jim will also accept your donations in large, marked bills (no Xerox copies, pliz).

# # # # # # # # # # # # #

Bet you wish you had renewed your American Radio Relay League before April Fool's Day, don't you. It'll cost you $12 now, but when you do, do it via the Club and the Club'll get $1 of your money which would otherwise go to the aforesaid League of American Radio Relayers. Whatsomever, make your check payable to the Club and get it to our previously mentioned Trea$urer along with your renewal notice and QST mailing label. Since the ARRL doesn't split with us on the Lifer dues, don't bother Jim if you do decide to go that route; direct liaison with Newington (Ct 06111, that is) is authorized. Hop to it.

/ / / / / / / / / / / / /

THE MAY CLUB MEETING will, without fail, probably be held at 7:30 of the evening on Wednesday the 4th (of May, no doubt) in the Great Assembly Room of the Vista Branch of Glendale Federal Savings & Loan at the corner of Anza and East Vista Way in Geriatric City (Vista, shame on you, you should have known). The program for the evening has yet to be divulged to me (and the program chairman is off on a business trip), but we've had nothing but Jas. dandies so far this semester, so come out and be surprised - again. Be kind to the wheelchair brigade and don't take their parking places nearest the door on Anza.

- - - - - - - - - - - - - -

THE PALOMAR AMATEUR RADIO CLUB-SWAN ELECTRONICS FLEA MART for May will take place on Saturday the 7th (of May?) on the morning tide in the Swan Electronics parking lot on Airport Road in balmy Oceanburg. Parking in the lot is for sellers only. Please don't take up all of the parking for the commercial enterprizes in the area. Club members be sure and sign in so you get your ticket punched for the Picnic prizes and all that stuff.

The April meeting of the PALOMAR AMATEUR RADIO CLUB featured Chuck Inskeep, K6ERW, President of CIR Industries, Inc. and son of PARC member W6IRM, gave a very informative presentation on the ASTRO 200 80-10M transceiver. The ASTRO 200 features many state-of-the-art advantages such as electronic tuning - moving up or down in frequency by the use of two toggle switches permitting accuarate QSYing in 100Hz steps if desired. Excellent front end selectivity and shielding make the ASTRO 200 a fine rig for the crowded bands of today. RF attenuation may be switched in or out. Those who saw the rig say that the construction and PC boards appeared to be excellent.

K6ROR, Phil Schutze, resigned as Repeater Chairman since he is physically unable to look after the repeater, which is down with a bad case of spurious signal problems.

Somebody won the 2M amplifier donated by K6GJD, Bill Salter (who manufactures the little jewels), but none of my faithful correspondents could remember who it was; and some of my less faithful correspondents didn't correspond. Oh, well, congratulations you lucky devil, whoever your are. The Club did realize a nice chunk of dinero for the Club's Repeater Building Fund (for building repeater buildings, not building repeaters, although heaven only knows we need one!)

# # # # # # # #

Save the Club some money when you move. Give us your new address before we are charged by the Post Office to do so. Each address correction furnished us by the Post Office costs the Club 25¢. So be a GOOD GUY and let us be the first to know. We want to hear it from you! Ta da!

If you're an undercover card-carrying PARC member and would like to come in out of the cold, you can get an OOOOfishul PALOMAR AMATEUR RADIO CLUB Badge from our kindly old Trea$urer. See K6$LA at the next dog fight or other club function and slip him an outrageous amount of $$$$ for which he willleap into action and order you one of our cheap plastic badges with your name, rank and rifle number on it. Jim says he presently has badges on hand for WA6YCA, WB6TAX, WB6TBA, WA6TAY, W6TCI, WB6JDT, and W6KQY. Please to be picking them up at club meeting or flea mart.

ARRL BULLETINS OF INTEREST: (To whom? To youm, that's whom.)
OFFICIAL BULLETIN NR 637 FROM ARRL HEADQUARTERS NEWINGTON CT
MARCH 17 1977 TO ALL RADIO AMATEURS BT
As a continuing membership service, ARRL now has ready the latest chart showing all available 1 X 2 calls, as of April 1. The chart indicates that there are no more available K or W prefixes in the 4th call area, and no W prefixes left in the 6th call area. The chart may be obtained by sending a self addressed envelope with 24 cents postage addressed to Call Signs, ARRL, 225 Main Street, Newington, CT 06111. AR

OFFICIAL BULLETIN NR 638 FROM ARRL HEADQUARTERS NEWINGTON CT
MARCH 24 1977 TO ALL RADIO AMATEURS BT
Effective immediately the FCC has cancelled its program of mailing Novice examinations in bulk to qualified examiners. The FCC claims that the program has proven unsatisfactory and has imposed added burdens on the staff at Gettysburg, PA. FCC states that many exams are simply not being returned and many examiners appear to be requesting multiple tests just to have them on hand in case of future need. Volunteer examiners must now first conduct the Novice code test, and then file an application prior to administering each Novice written exam, as previously required. AR

OFFICIAL BULLETIN NR 639 FROM ARRL HEADQUARTERS NEWINGTON CT
MARCH 31 1977 TO ALL RADIO AMATEURS BT
The government of Saudi Arabia has authorized amateur radio station 7Z1AB to conduct third party communications with amateur radio stations in the United States. This third part y agreement is effective immediately. All third party communications must be in accordance with section 97.114 of the FCC regulations. AR

OFFICIAL BULLETIN NR 640 FROM ARRL HEADQUARTERS NEWINGTONC CT
APRIL 7 1977 TO ALL RADIO AMATEURS BT
The complet ely new W1AW spring-summer schedule is ready for distribution. Designed for ease of use, the new schedule details code practice as well as various bulletins. The tabulation indicates PDST, CDST, EDST as well as UTC. In addition, information is included on the ARRL Qualifying Run Program. Please send an addressed stamped envelope to ARRL, 225 Main Street, Newington, CT 06111 and ask for your copy of the new W1AW schedule. AR

OFFICIAL BULLETIN NR 641 FROM ARRL HEADQUARTERS NEWINGTON CT
APRIL 14 1977 TO ALL RADIO AMATEURS BT
New amateur rules for purity of emissions have been adopted by FCC and go into effect on April 15. As of that date, harmonics and other spurious signals must be reduced forty decibels below the mean power of the fundamental for transmissions on frequencies less than 30 mHz, and must not exceed 50 milliwatts. Above 30 mHz, the spurious radiations must be reduced 60 decibels, and must not exceed 25 microwatts. The action is contained in a first report and order, Docket 20777. No action has yet been taken by FCC with respect to modes and bandwidths which were also discussed in that docket. ARRL has filed two petitions with FCC concerning this first report and order, one requesting a nine month stay of the effective date of the new rules, and one requesting reconsideration of the whole matter. Needless to say, the rules will be in effect until action is taken on one or both requests, but the commission stated its belief that the majority of bona fide amateur equipment readily meets the standards and should not require extensive modification. AR

SEE, I TOLD YA ONCET, I TOLD YA A HUNNERT TIMES!



The April SCOPE only took 48 hours to reach South Laguna. That's twice in a row. Maybe the 10 days that it took earlier in the year was a fluke.

It was nice to see Bob Laszko, WA6PFP, at the last flea mart. Bob was selling, not buying.

Bill Jago, K6WC, is pulling a WB6PFO on us and heading north to Oregon. If you have trouble growing those gills and webbed feet, come on back, you'll still be welcome under Pres. Heitger's amnesty program for defectors. Bill told us that he planned to leave us in late April. Sayonara.

The new Repeater Committee, under the chairmanship of W6NZX, consists of Walt, W6SCI; Max, W6DEY; Bill, K6GJD; and Clem, WB6IXQ.

SCOPE newals and renewals are: Bill Rogers, K6JP; Don Nelson, WB6TKY; Mike Havins, WB6TBH; Joe La Pointe, WB6HMY; Lloyd Hunt, W6TFB; Herb Wandschneider, WA6SVN; Bill Parrish, WA6VKK; Keith Cordrey, WA6CSI; Bill Carver, K6OLG; Bob Wurzburg, WA6KAR; John Traynor, WA1VWH; Pappy & Micky Jenkins, WB6UYA & WA6WQI; Frank Cassen, N6AT; John Horgan, WB6SML (2 years); Al Jaussaud, K6DKR; and Boots Olsen, W6JR.

New and used PARC members are: WB6TKY, WB6TBH, WA6VKK, WA6CSI (good through 1978), K6OLG, WA1VWH, WB6UYA & WA6WQI (good through 1978), and WB6SML (good through 1978). A grand group!

K6$LA says he's glad to see all of those $$$ coming in for '78 so soon since it makes his job that much easier. Jim is also a little concerned over having two WQI calls in the Club. After all, one Ed Null is too much for any club (turn into a parking lot for us, Ed). Fortunately Micky Jenkins is no Ed Null - fortunately.

Congratulations to Marty Cornell, who is now signing K6NS/SD, having passed his Extra Class exam at San Diego. Under the FCC's new program of direct licensing, Marty was assigned the new call at San Diego and hence must indicate it with the "/SD" until the giant computor has a chance to catch up.

Herr Richard Wagner, WA6SCV, is spending lots of time in Utah; and is maintaining contact with the home front via amateur radio and WA6VYD and is also talking to his successor, WA6KZN, by the wireless. What's so interesting in Utah, Richard? Trying to find Howard Hughes will?

The following folks have volunteered their services to provide communications for the bicycle race at Camp Pendleton on Sunday, May 22nd: W6BLL, W6DEY, WB6DFT, WB6IXQ, W6JSL, WA6KAR, WA6KEY, WA6NGZ, WA6OZS, and K6ZB.

Wonder when WB6LEH is going to get on the air. He has never put WN6LEH or WB6LEH on the air. Too busy horsing around with his horses - he sez.

Anybody who wants to donate to the Repeater Building Fund may do so by getting your check to Hon. Jas. A. Church at club meeting, flea mart or other frolic.

"That's all", she wrote.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, CA 92083
Subscription: $2.50 yr.
Vol. XII, No. 5 May 1977

2nd Class Postage paid
at Vista, CA 92083

DONALD JOHNSON

3140 LINCOLN 2/78
CARLSBAD CA 92008





REPEATER
It's off the air again and back to the factory. Standard promised 10-day turnaround service for some extra dough which the Club coughed up. Rumor has it that the spurious junk emitted by the beast were the result of an un-neutralized final. If all the foregoing is correct, it could well be back on the air by the time we put this in the hands of the postal inspectors. Keep your fingers and eyes crossed, but don't hold your breathe. It may be hazardous to your health.

Bob Findlay, W6NZX, has been appointed Repeater Committee Chairman, replacing Phil Schutze, K6ROR, who resigned to preserve what he claims is his sanity, according to El Presidente, WA6KZN. Good luck in the contest, Bob.

Additionally, our steamed PRESIDENT, WA6KZN, reports that on 16 April, John, WB6HSZ; Bill WA6AEZ; Marnie, WB6DFT; Earl, WA6OFK; and Herb, WA6OGD; poured the slab and footings and laid the first course of blocks for the new repeater building. El Presidente, who provided moral support and inspected the results, says that they did a fine job on the mountain top and are to be congratulated for their day-long efforts at 5,000+ feet.

Over the weekend of 23-24 April a crew will move several more tons of material to the mountain top and lay the next course of blocks. Don't know yet who all is involved in this effort, but assume that John, WB6HSZ, who is sort of looking after things, will be along; and Bob did mention Dave, WA6HQM as one of those doing the work.

Thanks to all of those folks who contributed time, energy, and/or money to the repeater building. Looks like WR6AII is going to have a permanent home, thanks to you all, and to our mysterious benefactor who has provided the real estate.

Our thanks also to Phil, K6ROR, who labored so long with the home-brew duplexer and the repeater. Phil's got more time on Palomar in a wheel chair than his brother-in-law has sea going (Terry, who's also a ham, is a Navy CPO). Thanks, Pheel. PHil has the 450 mHz repeater back on the air. Don't know how he can bear having no repeater on his work bench!

FORESAIL: (You ketch?)

Two-element quad w/tuning capacitors for 10, 15, & 20M, includes boom but needs 2 new arms for radiator, fiber glass, $25. Call Bill Larson, W6VJ, at 726-0328.

Six-cavity 2M duplexer. Contact W6NZX, Bob Findlay, at WestCom or on the repeater.

WANTED:

Start houted men.

DOWN THE TOOBE:

Jim Kavan, W6IPP, is expected to be home after a long stay at the VA Hospital at La Jolla. Jim's XYL says he'll be home Friday, 22 April. Sure glad to hear it, Jim.

As our astute readers, both of you, may have noticed, Bill Larson, formerly WB6JQJ, has a new call sign, W6VJ, which Bill says he received early in February. Bill says he's having trouble remembering to use the new one instead of the old. A new TA-33 tri-bander is in use at W6VJ, replacing the quad listed for sale above.

Bill Rogers, K6JP, sends greetings to all of the gang at PARC from Seal Beach Leisure World where he cannot put up an antenna "that clears the roof more than four feet". Bill says he now has an Icom IC-22S and a 2M spike antenna up and can hit Otay; and is waiting for WR6AII to get back into operation to see if he can hit it. Bill has another PARC member in Seal Beach with him, Ken Ball, K6GCT, who also left North County about the same time. Bill says there are seven hams in the vicinity. Sure good to hear that you're back on the air, even if the antenna problems made it 2M instead of the trusty spark gap.

NORTHERN SAN DIEGO COUNTY



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

W6NWG
WR6AII

SCOPE

Vol. XII, No. 6

JUNE, 1977

+ + + + + + + + + + + +

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREASURER: JIM CHURCH, K6LA, VITA

* * * * * * * * * * * *

They're off!

- - - - - - - - - - - -

A paltry $2.50 per annum (or yearly - whichever comes first) takes care of newing or renewing your subscription to the infamous Palomar Amateur Radio Club SCOPE (once a month does it). Make checks payable to the aforementioned Palomar Amateur Radio Club and slip it (the check) to K6$LA the next time you have the opportunity (you can try the 13¢ stamp, U.S. Mail route if you're a trusting soul). Jim will also gladly accept your $$$$ in coin of the realm. Anyway, reenlist early and often - the club can use the money; and if you never get the SCOPE, you'll be ahead of the game!

# # # # # # # # # # # # #

Speaking of enlisting or reenlisting, the American Radio Relay League still has a few choice memberships open. Since you missed the boat by not doing it before 1 April, you may as well cough up the dough now. Enlist or reenlist in the previously described A2RL via the Palomar Amateur Radio Club and the Club'll get some of the loot which would otherwise go to yon League of American Radio Relayers - doesn't cost you a red ¢ more either. It now costs $12 for one year, $23 for two, $33 for three, $43 for four, and $53 for five. Reenlist every year and the Club will get more of your $$$$. Make checks payable to the Club and get them with your QST mailing label and reenlistment notice to the above listed Trea$urer. If you decide to go the "lifer" route, direct liaison with the AR^{2}L in Oldington (Ct 06111, that is) is authorized since they're too CHEEP, CHEAP, SHEEP to let the Club have any of that loot. Good luck in the contest!

$ $ $ $ $ $ $ $ $ $ $ $ $

The June meeting of the Palomar Amateur Radio Club, will, without fail, probably take place on Wednesday the 1st (of June if fortune smiles at us) at 7:30 of the evening in the international convention center located upstairs at Glendale Federal Savings & Loan at the corner of Anza and East Vista Way (just a half-mile or so up the road from TV Craftsmen - "Heavenly Hi-Fis for Haggard Hams") in ever-lovely Veeesta. A "usually reliable source" informs me that there will be a program, but that he doesn't know yet what it's going to be. Don't miss it, we haven't had a bad one in a long while - which reminds me, remember Ed Null's program on alternate energy sources? Please don't forget to leave the handicapped parking spots (the two nearest the door on Anza) open for a minute or two before grabbing them off. Without fail, the Club's Field Day activities will possibly be discussed. We've been right in all of our predictions to date except one (and we knew we were wrong on that one), so come and check our batting average.

¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢

Saturday, the 4th of June will see us all Fleaing to the Market, the Palomar Amateur Radio Club-SWAN ELECTRONICS Flea Market from dawn's early light 'til noon or so on that day. "twil be held in the Swan Electronics parking lot on Airport Road on the inskirts of foggy old Oceanside (Ca 92054, most likely). Come on out and see what WA6$CV, the local unauthorized Collins Dealer has to offer (Dick's got the nack or knack of making money and he told us his secret: "Buy low, sell high" - or is it the other way around? Let's see now.....) Remember, the parking lot is for sellers only. Club members sign in so that you get your picnic ticket punched - it may be the winning one on a beam antenna or two.

& & & & & & & & & & & & &

picnic PICNIC peekneek PACKNACK picnique PIQUENEAK PICNIC picnic

Hold it! Don't head for Live Oak Park just yet. The annual Palomar Amateur Radio Club picnic will be held on Sunday, August 14 from 9:30 of the A.M. to 2:00 of the afternoon in Live Oak Park in Fallback (Ca 92028). Drawings for prizes will take place at 1:00 sharply. Tickets will be sold for a B&K digital multimeter with D.C. power supply, charger, and deluxe carrying case. Tickets are available at club meetings, flea marts and other social events. $1.00 donations accepted. Other prizes to be announced.

GNU AND RE-GNUED CLUB MEMBERS: Chuck Golden, WB6YVT; Ed Way, WA6EYX; Herb Wandschneider, WA6SVN; and Dick Wagner, WA6SCV.

SCOPE ENLISTMENTS AND REENLISTMENTS: (Yes, there are those who are foolish enough to reenlist - probably don't have time to read and so don't know what they're doing) Earl Bowen, WA6OFK; Ralph Crossman, K6HAV (unbelievable!); Bob Heitger, WA6KZN; Bill Countryman, WA6AEZ; Cy Pemberton, K6LE; Chuck Golden, WB6YVT; Oscar Tuppancy, W6BIH; Bob Findlay, W6NZX; Burr^2 Chambless, WA6VYD & WB6VYC; Bob Coup, W6BXJ; Ed Way, WA6EYX; Dick Wagner, WA6SCV; Jim & Ray Church, K6$LA & WB6PPB; Tony Arnold, K6MC; Bernie Bernes, W6BIG; Jim Maloney, WA6EYJ/W7NWE; Les Clark, W6JSL; Ken Bourke, W6LDM; Jim Kavan, W6IPP; Bob Browne, WA6JCG; Bill Jago, K7MO: Bill and Matt Taylor, K6TQ & WA6AJS; K.W. PYle, N6BU; and Pheel Schutze, K6ROR. Gotcha!

FORESAIL (That's a jib, son - I'd rather have a martini):
Swan 500 with factory up-dated power deck using 6MJ6s, good condx, $275. Call Russ Krebs, W6HZJ, at 728-8925.

Heathkit HW-18 160M SSB xcvr, $75. Call Bill Taylor, K6TQ, at 727-1580.

Sunn Coliseum Lead Guitar amplifier, 320 RMS, built-in graphic equalizer, excellent condx, $400. Call Matt Taylor, WA6AJS, at 727-1580.

RCA CSU-15 450 mHz base station, $25. Collins R-390 general coverage rx w/manual, $250. Call Phil Schutze, K6ROR, at 724-0098.

- - - - - - - - - - - - -

WANTED: Start houted men with enough $$$$ to make a donation or two to the repeater fund to help us buy a nice Motorola, G.E. or RCA commercial grade repeater. This is no drill.

IMPORTANT NOTICE CONCERNING AMATEUR CALL SIGN LICENSE PLATES:
The Department of Motor Vehicles, through Senator Foran of San Francisco, has introduced a license plate bill, Senate Bill 915, in the State Senate. It is identical to last year's bill which was withdrawn only after spirited opposition by our fellow hams. The bill calls for a $25 fee to request call letter plates, a $10 to renew yearly, and a $12 fee to transfer the plates to another vehicle. This in contrast to the present $3 for initial application and $3 for transfer. The DMV is trying to group all special plates as "vanity plates" and charge accordingly.

Although DMV promised to establish their costs and to modify this year's measure accordingly, they have not done so. Your urgent cooperation is requested. Let's get on the DMV's case right now by writing to your State Senator and Assemblyman and urging defeat of Senate Bill 915 or at least deletion of section 5005 pertaining amateur call letter plates. GET WITH IT AND WRITE!

Thanks to John Griggs, W6KW and to Frank Cassen, N6AT for the foregoing info.

ARRL BULLETINS OF INTEREST (Perhaps):
OFFICIAL BULLETIN NR 642 FROM ARRL HEADQUARTERS NEWINGTON CT
APRIL 21 1977 TO ALL RADIO AMATEURS BT
This year the ARRL National Convention will take place in Toronto, Ontario, June 3-5, 1977. The Sheraton Centre will be headquarters for this event, marking just the second time an ARRL National Convention has taken place in Canada. Among the many scheduled features are exhibits, forums, contests, homebrew, and special problem solving sessions for handicapped operation. ARRL has the necessary Canadian DCC Form 16-52 to apply for permission to operate portable or mobile while in Canada. Inquiries regarding the convention should be directed to t he ARRL National Convention, Box 1011, Station C, Scarborough, Ontario, Canada M1H 2Z4. Further details appear in April and May QST. AR

OFFICIAL BULLETIN NR 643 FROM ARRL HEADQUARTERS NEWINGTON CT
APRIL 27 1977 TO ALL RADIO AMATEURS BT
As announced in an FCC report and order effective April 20, 1977, section 97.33 of the Commissions rules has been corrected to require a 30 day waiting period after failure of a code test before retaking the test. This was inadvertantly omitted when rule changes under Docket 20282 were accepted on June 6, 1976. The waiting period is now the same after failure of either the code or written test, i.e., 30 days. AR
(ARRL BULLS Continued - no doubt)

(ARRL BULLETIN 635 Continued - no doubt)
The FCC announced a moratorium, effective March 3, 1977, on applications for special-event stations and new secondary stations in the Amateur Service. Amateur Extra Class licensees who were eligible for 1 X 2 calls on January 1, 1977, and applied for those calls on or before March 2, are not affected by this ruling. However, those eligible for 1 X 2 calls on April 1, 1977, will not be able to have them assigned to new secondary stations, but must modify an existing primary or secondary station license to show the new call. All amateurs who currently hold secondary station licenses may modify or renew them during this moratorium. The moratorium applies only to new secondary station and special-event station license applications. AR

ARRL Bulletin 636 applies only to the Tenth Call Area

FORESAIL: (Y'ALL)
Drake R-4 receiver in good condition, $225 or make offer. Call Frank, N6AT, at 728-8003.

Tickets for Salter Electronics "Watts Up" 10W-in, 60W-out 2M FM/SSB amplifier, 50¢ each or 3 for $1. Get 'em at the Flea Mart or before the drawing at the club meeting. All proceeds go to the club Building Fund.

Thirty-eight years of QST from 1928 to 1976 in excellent condition - have been wrapped in paper to keep clean. Call Ev, W6MQP, at 757-8848.

Home brew 1,500W linear amplifier using a pair of 4-400As w/built in power supply, $75. Call Oscar, W6BIH, at 726-0459.

Home brew 2M duplexer (3 rx & 3 tx cavities w/coax harness), $100; R-390 digital read-out general coverage Collins rx, $200; RCA CSU-15 450 mHz base station w/xtals for PARC repeater. Call Phil, K6ROR, at 724-0098.

Collins 51J-4 general coverage rx w/product detector, $350; RCA 2M base station w/xtals for NavMarCorMARS, mike, and book. Call Ralph, K6HAV, at 499-2921.

PARC MEMBERSHIP: Hey, you up there in Ft. Dick! Pay attention. Club membership doesn't go with SCOPE subscriptions just like subscribing to the L.A. Times doesn't buy you stock in the company. If I tol' you oncet, I tol' you a hunnert times. New and used members (of the PARC) this month are Lew Brown, W6EYB; Jim McKeown, WB6JTY; Earl Leak, K6CLU; Merit Arnold, W6NLO; Pete Mayes, WB6OBH; Sam Howes, WA6YJC (two years); and Leo Benzini, WA6YAC.
SCOPE NEWALS AND RENEWALS: Dave McLaren, WB6NIJ; Jim McKeown, WB6JTY; Earl Leak, K6CLU; Hod Luhn, WB6IFH; Pete Mayes, WB6OBH; Don Hulbert, W6NQZ; Vendy & Geneveive Johnson, W6CWK & WA6KKQ; Charlie Hood, WA6ZXZ; Sam Howes, WA6YJC; Bob Rice, W6QF; Helen Miller, WA6EZI; and Leo Benzini, WA6YAC. Gotcha!

FIELD DAY: Got a hot flash from somebody that our Field Day Chairman, Paul Dorey, WA6EJL, has gotten us a dandy FD site at the Orange County Boy Scout Camp on Camp Pendleton, just off I-5 in Las Pulgas Canyon. The setup sounds great with lots of free fresh salt air and some facilities. 'Twill cost the folks who stay over night 80¢ per each. Paul will give us all the details at the club meeting.

DOWN THE TOOBE:
WB6PFO, Gene Holzenberg, and XYL Grace have split the area; and have moved to Lincoln City, Or. Sure sorry to see you go Gene and Grace, but wonder how long you'll stay after you grow moss on the north side and webbed feet?

Gene was kind enough to send us a change of address card. Thanks, Gene. If you don't want to go to all that trouble, you can still save us 25¢ by phoning your new address to Phil at 724-0098, or Jim at 726-3321.

Forgot to mention that Bill, WA6AEZ, won the 2M amplifier at the last club meeting. Thanks again to W6NLO and Westcom for donating it to the club.

Speaking of the last meeting, the refreshment table was sure loaded with an unusually good selection of low cal (Oh, yeah!) goodies.

(DOWN THE TOOBE Continued, no doubt)
If you haven't already noticed (and EVEN if you have), Frank, formerly W6PZU, is now N6AT IMI N6AT. Seems like all of the 1 X 2 W6 and K6 calls have been used. Don't know whether that N6AT means No Sixes Any Time or what but at least it's better than being a Water Closet Six!

Heard W6HAW up on WR6AII the other day while in Veesta. Didn't have time to answer you, Boots as we were just going into see the folks at TV Craftsmen. You weren't around when we finished there so that's that.

K6ROR has a brand new Lampkin Deviation Meter which seems to work like the jewel it is. Paid enough for it. It ought to.

W6NAT, Bill Driml, says that he now has 2,175 or so counties. Bill still operates on the KISS Net on Sun, Mon & Thu at 2000 local on 3932 kHz. Why he includes this info is beyond me - after all, we shipped him off to Ft. Dick so we wouldn't have to put up with him!

REPEATER:
Hope the repeater has finally been fixed. This time it was off the air to cure a spurious emission or two. Phil says that after he rewound a coil and replaced a transistor the birdie disappeared. Anyway, it was back on the air when we checked it from Dana Point on the 21st.

The floor and foundation slab for the new repeater building are being laid on the 26th of March by WB6HSZ, WB6IFH, WB6DFT, WA6OJD, WA6HQM, and El Supremo, WA6KZN. Understand that Herb, WA6OJD is donating the reinforcing material for the slab. With the slab in, the building should go in a hurry, weather and material procurement permitting. Sounds good, and will sound better when WR6AII is no longer /6 in Vista.

The club Building Fund can still stand some donations for that building. If you want to, slip the loot to K6ROR, K6$LA, or WA6SCV.

For lack of anything better to do, K6ROR has taken the 450 mHz repeater out of service for repairs or something. Anyway, it looks just great sitting on its back on Phil's work bench

More DOWN THE TOOBE:
WA6KZN is busy rebuilding his KWM-2 power supply. Bob says he'll have it done by Sunday morning for the AREC net.

WA6AEZ is leaving the NCS job on the Sunday morning 2M AREC net. Haven't heard who N6AT has come up with for the job yet.

Last month's SCOPE got to South Laguna in 48 hours, mebbe less. Great Scott! W6BIH says he sent a SCOPE to a friend in Michigan and it took 10 days 1st Class. Doesn't sound too 1st class to me.

Thanks to all who provided input for the SCOPE; and to those who helped fold, spindle and mutilate the last issue.

"That's all", she wrote.

"SCOPE
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, Ca 92083
Subscription: $2.50 yr.
Vol. XII, No. 4 April 1977



2nd Class Postage paid
at Vista, Ca 92083

DONALD JOHNSON

3140 LINCOLN 2/78
CARLSBAD CA 92008

D



NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

Vol. XII, No. 8

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

AUGUST, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREA$URER: JIM CHURCH, K6$LA, VI$TA

You too can prove your gullability for the cheap, cheep price of $2.50 per year. Yup! That's all it costs to enlist or reenlist in the Palomar Amateur Radio Club SCOPE. Where else can you get so little material return for your money; and instant recognition too. Send the $$$ & ¢¢¢ to the above described Trea$urer at his above described adre$$. See if we care.

$ $ $ $ $ $ $ $ $ $ $ $ $ $

Membership in the Palomar Amateur Radio Club can still be had for the low, low price of $5, but not for long - see the proposed changes in the Constitution and By-Laws. Club membership is from August 1 to July 31, so dues are due (do, do, dido) on the 1st of August. You have to be a member to vote on the changes in the Constitution, etc, so shape up or ship out.

¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢

Now that you've gone and blown your allowance for the last two months on the (UGH!) SCOPE and membership in the Palomar Amateur Radio Club, you can start saving up to enlist or reenlist in the American Radio Relay League. Do so via the Club; and the Club will get $1 of the dough that would otherwise go to Newington (CT 06111, that is). If you're reenlisting in the A2RL, send your check and renewal notice and QST mailing label to honorable Trea$urer at P.O. Box 1603, etc. Make check$ payable to the Palomar Amateur Radio Club. $12 for one year, $23 for two, $33 for three, $43 for four, and $53 for five years. The Club only gets one $, come what may, so reenlist for the short term - often. That way, the Club'll get rich (on one lousy $?); and you won't have so much useless money kicking around. If you decide on a life sentence in the aforementioned League of American Radio Relayers direct liaison with Ye League is authorized since they refuse to part with even $1 of the Lifer Loot. Don't call us, we'll call you!

+ + + + + + + + + + + + +

PAY ATTENTION! Despite the Constitution, there will be a club meeting in August - in addition to the picnic. Our FEARLESS LEADER, Sir Robert of Heitger, has called a special meeting to vote on constitutional amendments. 'twill be held at the usual time and place, like 7:30 of the p.m. on Wednesday the 3rd (for those of you who can't remember the month it's August) in the International Convention Center (upstairs) of the Vista Branch of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in somnolent Vista. See your local newspaper for details of the program for the evening, but come what may, come out and vote (if you've paid your doos or DUES). Come out anyway.

* * * * * * * * * * * * * * *

You can fly to the August Palomar Amateur Radio Club-Swan Electronics Flea Mart on the 1st Saturday of aforesaid month, namely the 6th. You can thus easily see that the 1st is = to the 6th. It will, as usual, take place from early on one frosty morn til the last dog is hung (hanged?) at the SWAN ELECTRONICS parking lot on Airport Boulevard in Oceanside (CA 92054). The crowds are bigger and better than ever, so bring your $$$ and your gear for sale and come on out and join the merry throng - but don't park on the runway of Oceanburg International Airport. Parking in the SWAN parking lot is for sellers only puleeze.

° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °

PICNIC! Yes, this month - at long last. The Palomar Amateur Radio Club's annual picnic will take place in Live Oak Park in Fallbrook from 9:30 a.m. until 2:00 of the p.m. Eating and drinking will take place at 12:00; and drawing for the goodies will take place at 1:00. As decided at the last club meeting, potluck lunch will be the order of things, so bring enough of a casserole or salad to serve your family. Everything will go on the common table and we all get a shot at it. There are a batch of dandy prizes to be drawn for. You should be getting tickets for some of them under separate cover of night; and others you'll have to make donations for - like the dandy B & K DVM and accessories. Tickets available at the meeting, flea mart, and picnic. If you don't want WA6SCV, W6DEY, or W6QP to win them all you'd better get your tickets and make it to the picnic. Remember, the tickets you get in the mail are based on your attendance at club functions; they are only available to club members and cannot be purchased. CU there.

PROPOSED AMENDMENTS TO THE CONSTITUTION AND BY-LAWS

The following amendments to the Constitution and By-Laws of the Palomar Amateur Radio Club were approved by the Executive Committee on June 4, 1977; and presented to the membership on July 6, 1977; and will be voted on at the special meeting to be held August 3, 1977:

TITLE: Insert the word "Amateur" after Palomar.

PREAMBLE: 1st line insert word "Amateur" after Palomar.

ARTICLE I, SECTION 1: In the 1st line, insert word "Amateur" after Palomar. In the 2nd line, change "PRC" to read "PARC".

ARTICLE IV, SECTION 4: Change section 4 to read: "The affirmative vote of 2/3 of the members present and voting at any regular meeting shall be required to change the Constitution or By-Laws."

ARTICLE IV, SECTION 5: Delete section 5.

ARTICLE V, SECTION 2: Change section 2 to read: "The Club shall publish a monthly news letter, the cost of which shall be included in the annual dues of the members. Non-members may subscribe to it at a rate determined by the Executive Committee."

ARTICLE VI, SECTIONS 1 AND 3: Insert the word "Amateur" after Palomar.

ARTICLE VII, TITLE: Insert the word "Amateur" after Palomar.

ARTICLE VII, SECTION 1: Change 1st sentence to read: "The Palomar Amateur Radio Club shall purchase, obtain licenses to operate, and maintain such repeaters as the general club membership desires."

ARTICLE VIII, SECTION 3: 1st line, insert the word "Amateur" after Palomar.

ARTICLE IX, SECTION 3: Delete last sentence and substitute therefore: "All approved propositions to be effective upon adoption thereof."

BY-LAWS

SECTION 2: 1st line insert word "Amateur" after Palomar.

SECTION 3: In line 2 delete the words: "except August." In line 4 delete the owrds: "in lieu of a monthly meeting."

SECTION 5: Change Section 5 to read: "The Club shall operate with an annual dues assessment of $7.50 which includes the newsletter or $.75 per month for the months remaining in the club fiscal year. This fee applies to full and associate members, payable to the Club Treasurer on the first day of August each year. The Club shall additionally finance itself through the operation of auctions and other special events."

SECTION 6: Delete words: "either members or"; and add a new sentence as follows: "Members residing at the same address may receive a single copy of the newsletter with credit equal to the cost as determined by the Executive Committee for each membership over the initial subscription."

SECTION 9: 1st line, insert the word "Amateur" after Palomar.

SECTION 10: 1st line, insert the word "Amateur" after Palomar.

Please disregard the proposed amendments printed in last month's SCOPE as it was incomplete. Our fearless leader says that the EDITOR goofed up and didn't get it all in, but we know that is a base canard since THE EDITOR never makes mistakes. Therefore, it must have been the printer, right? Right! Howsomever, the foregoing amendments will be voted on at the special meeting on August 3.

# # # # # # # # # # # # # # # #

If you want RECOGNITION, you'd better be sure that you have at least one of the Palomar Amateur Radio Club's cheapy OFFICIAL badges. That way, the two of us who can read will be able to tell who you are (which may not be to your advantage in the long run - if you can run that far.) Ja$. Church, our treasurer, will be glad to take your $$ & place an order with the schlocky badge maker for your O F F I C I A L badge. Press on regardless!

NEW AND USED CLUB MEMBERS are: Dave McLaren, WB6NIJ; Bob Heitger, WA6KZN; Frank Cassen, N6AT; Bud Kuhlemeier, W6BWQ; Dick Lee, W6EZ; Roy Maxson, W6DEY; Fred Schnell, W6OZF; Paul Dorey, WA6EJL; Dan Sheedy, WB6FJD; Harry Rouse, WB6JVS; Walt Lockhart, W6SCI; Bill Cheverton, WB6ZDJ; Ed Holm, K6II; Emily, WA6ZKC, and Stan Wolfe, WA6ZKD; Wayne, WD6AHX, and Wendy Dewey; John Price, WD6AOL; Larue Price, WD6AOK; Will, W6IDT, and Dolly Goldring, W6IJH; Frank Ramme, WB6HFE; John Traynor, WA1VWH; Russ Krebs, W6HZJ; Ron Earl, WA6WVX; Jack Reynolds, WB6OJF; Felix Ferranto, N6IE; John Campbell, WB6HSZ; Jack Stafford, WA6NGZ; Al Taylor, W6RGI; Louise, WB6AUK, and Bill Evans, WA6GLH; John Kuivenen, WB6IQS; Cafi Cohen, WD6AHE; Harry Williams, W6TCI; Bill Salter, K6GJD; Oscar Tuppancy, W6BIH; Bob Hollander, WB6IPJ; Bob, WB6OZS, and Jane Rice, WA6OZT; Tony Velesquez, WA6HUG (2 years); Phil Schutze, K6ROR; and Ralph, K6HAV, and Pat Crossman.

SCOPE NEWALS AND RENEWALS (anyone should be so foolish!) are: Chuck Crabtree, W6OVH/4; Will Levesque, W2FWV/6; Dick Lee, W6EZ; Fred Schnell, W6OZF; Harry Rouse, WB6JVS; Bill Cheverton, WB6ZDJ; Stan and Emily Wolfe, WA6ZKD & WA6ZKC; Wayne and Wendy Dewey, WD6AHX; Bud Kuhlemeier, W6BWQ; John and Larue Price, WD6AOL & WD6AOK; Will and Dolly Goldring, W6IDT & W6IJH; John Campbell, WB6HSZ; Jack Stafford, WA6NGZ; John Kuivenen, WB6IQS; Tony Velesquez, WB6HUG (2 years - you mad, impetuous fool, you); Bob Hollander, WB6IPJ; Ray Haynes, K6SX; Bob and Jane Rice, WB6OZT & WA6OZS; and the ever-popular, aging-but-agile, Mel Bebee, W5ULU (2 years - with time off for bad behaviour). GOTCHA!

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

ARRL BULLETINS OF INTEREST (No doubt):

Official Bulletin 653 of June 16, 1977 says: Attention new Extras. Fresh from Gettysburg, ARRL now has the latest two letter call chart showing all combinations available for issue on July 1. As an extra bonus it has KP4, KH6 and KL7 information in addition to the standard filing requirements. In the 4th and 6th districts, only a few N calls are left. Since this phase is also the last of specific two letter requests, this chart is also the last. For your copy send a self addressed envelope with 24 cents postage to Call Signs, ARRL, 225 Main Street, Newington, CT 06111.

Official Bulletin 654 of June 23, 1977 says: The league has now filed a 60-page document with FCC in response to Docket 21135. The FCC docket proposes to discontinue the issuance of secondary, club, military recreation, and RACES station licenses. Copies of the ARRL filing are available to any ARRL member who sends in an addressed stamped envelope at least nine by twelve inches in size with forty six cents postage for first class mailing. Address your requests to Docket 21135 Response, ARRL, 225 Main Street, Newington, CT 06111.

Official Bulletin 655 of June 30, 1977 says: ARRL has now filed two documents with FCC in response to Dockets 21116 and 21117. Docket 21116 concerns the banning of commercially manufactured linear amplifiers capable of operating between 24 and 35 MHz. Docket 21117 proposes to bring commercially manufactured amateur transmitters under the control of the FCC's type acceptance program. Copies of the League responses are available to any ARRL member who sends in an addressed stamped envelope at least nine by twelve inches in size with thirty five cents postage for first class mailing. Address your request to Dockets 21116/21117, ARRL, 225 Main Street, Newington, CT 06111.

Official Bulletin 656 of July 7, 1977 says: Instructors of amateur radio classes can obtain complete teaching guides and student materials without charge from the ARRL Club and Training Department. Novice materials are available now and General level materials will be available soon. For details send a self addressed label to ARRL, 225 Main Street, Newington, CT 06111.

Official Bulletin 657 of July 14 says: Each week ARRL mails thousands of QSL cards from members to close to 150 countries worldwide. The ARRL Membership Overseas QSL Service continues to flourish making it easier and less expensive for W and VE amateurs to confirm contacts. Once a month access to this service is provided by using your QST mailing label and arranging your cards by prefix. There are further conditions on use of the bureau which are completely covered in October 1976 QST. Reprints of the article, which describes both the incoming and outgoing bureaus, are available without charge. Send your s.a.s.e. to QSL Bureau, ARRL, 225 Main Street, Newington, CT 06111.

# # # # # # # # # # # # # # # #

FROM THE SIZZLING TYPEWRITER OF YOUR EMERGENCY COORDINATOR, FRANK CASSEN, N6AT: RED FLAG ALERT was the subject presented during recent PARC meetings, wit h a film on the subject by the California Forestry Division. Described briefly, our part of this program will be the patrolling of selected roads in North County during RED FLAG ALERTS. We will report via 2M and then to San Diego, any situation or suspicion of fire or fire hazards.

Last September, the following amateurs volunteered their services: WB6AUK/ WA6GLH, W6DEY, WB6DFT, WB6EOT, W2FWV, N6IE, W6IPP, WA6KAR, K6NS, W6NWF, W6NZX, W6OZF, W6SCI, WA6SCV, K6SX, and W6US. In the interest of increased emergency preparadness, it is planned to add to this list any volunteers who may have been overlooked last September or whose schedules now permit participation. See me at the picnic, club meeting or flea mart.

At this time, the North County communities selected for patrolling include Fallbrook, Bonsall/San Luis Rey Downs, Julian, and Santa Ysabel area.

% % % % % % % % % % % % % % % % %

FOR SAIL (Yawl):
SB 102, CW filter, HP23A, SB600, excellent condition, $400 firm. Call Matt Taylor, WA6AJS, at 727-1580.

Collins R-390 digital dial general coverage receiver w/manual. Call Phil, K6ROR, at 724-0098.

RCA crystal ovens for CMU-15 and CMC-25, $1.50 ea. Call Ralph, K6HAV, at 499-2921.

WANTED: $$$$$
$1463 - that's about how much we still owe on the new Motorola repeater. The Club'll be glad to take your repeater fund donations in the form of $$$ or ¢¢¢ or gear to be sold by the Club for the fund. See K6$LA, W6$CI, or WA6$CV or WA6VYD (sorry, no $ in that call.)

# # #

REPEATER:
WA6AEZ, WD6AFJ, W6BLL, WA6GLH, WB6HFE, N6IE, WA6KZN, and W6SCI all put in a long day on Saturday, July 9, on the mountain top digging a trench for the electrical service to the repeater building. The gang left Vista at 8:00 a.m. and left Palomar at 2:00 p.m. Tree roots lengthend the time required to do the job, but our secret informant says that all performed in a splendid fashion in completing the 67 feet of trench.

Subsequently, the building has been painted and doorframe installed; and the hole for the antenna tower has been dug. It is planned to pour the tower base prior to your receipt of this journalistic jewel (whatever that means); and to have the power into the building shortly thereafter. Now, if we just had the new repeater.....

The Standard repeater is still in operation from K6GJD's in Vista. Bob, W6NZX, has separated the transmit and receive antennas (it is supposed to use the same antenna simultaneously with the aid of the diplexer); and has cured some of the desensitization problems. You don't need a KW to be reciprocal with it now. Makes me wonder about the diplexer.

Thanks to all of those who have helped with the purchase of the repeater through their donation of money and/or equipment for the Club to sell.

& & &

We are saddened to report the passing on the 15th of July of Mildred Maxson, W6PJU, wife of Roy, W6DEY. Services were held at Allen Brothers Mortuary in Vista at 10:00 on Monday, the 18th. A capacity crowd attended in respect to Mildred and Max, coming from Orange County and the L.A. area. Mildred's loss will be shared by the Club and the Southern California YL clubs in which she was active.

DOWN THE TOOBE:

Oscar Tuppancy, W6BIH, says he's going to Tri-City Hospital for an open heart surgery (he doesn't say when, but he is expecting to miss the picnic. Oscar spent 11 days in the hospital last month.

Jack Forbes, W6QP, is also a resident (inmate?) of Tri-City, where he had some plumbing repairs on Tuesday, 19 July. Jack is reportedly doing fine. Sure glad to hear it. He sounds pretty good on the handy-talky from the hospital room.

(Continued in our next - doubtlessly)

(DOWN THE TOOBE continued - hopefully)

FEARLESS LEADER and XYL made one of their traditional pilgrimages to Sin City (Las Vegas, dumdum); and have not been heard bragging about breaking the bank. 'sawaytago Bob. And now, back to the grind of making enough $$$ for the next sortie.

Guess which 450SL delivery truck driver is getting ready for the installation of a windmill in his back yard. You guessed it - Gene Marygold, K6EJO. Gene says what with the water shortage and all and a tax credit for generating electricity and all..... You could put it far enough out to hold a long wire too Gene.

K6ROR has gone back to school. Phil has gotten the Heathkit course in electronics and is going over some very fat books. Looks like a real good course; and starts with the basic A.C. and D.C. courses and goes on into digital electronics. We'll be interested to see your reaction to it after finishing it up.

As we accurately (is there any other way?) predicted in last month's SCOPE, Terry, WB6RWP, has gone to work at Atlas. Terry is already back on the air in the Navy-Marine Corps MARS program, running phone patches and handling teletype message traffic. Sure beats doing yard work.

Jane Rice was kind enough to provide us with news for the SCOPE; and says that Cafi Cohen, WD6AHE, who just joined PARC, up-graded her license from Technician to General. She and her OM, WA6VRS; who is a Navy dentist on Okinawa, are new to ham radio. OM Terrell Cohen has made himself at home at the MARS station on Okinawa from where he can talk to his XYL by phone patch several times a week.

Jane also says that she and Bob have Don Johnson's solar power supply hooked up to a QRP CW rig in the patio this summer. They used the rig on Field Day and worked the Santa Clara Valley, their best DX to date with the combination. The TEnTec rig works on 40M and 20M into inverted Vees which they have up. The power supply puts out about 16 volts; and the Ten-Tec 3A has 5 watts input. So far, all contacts have been on 40M, but they're hoping for one on 20M. Jane says that anyone who wants to try for a contact with the setup is welcome to. Maybe somebody could give them a contact on 20M.

Word has it that Mel Parmelee, W6IXC, is going to forsake Valley Center (how can you forsake Valley Center, particularly in the summer!) for G-Land (like in Great Britain), where he met his XYL. Understand that he already has his five acres up for sale. Mel has also a tower and a 16 eleemnt KLM yagi antenna with balun and a twin 11 element Cushcraft with stacking harness for sale. Call him at 749-0835 if you're interested. May not seem like it now, Mel, but you'll miss the warmth of your present QTH when the winter comes round to Merry England. You'll be sorry!

Let's not forget to do our electronic shopping at GARY RADIO and WESTCOM. They support the Club's activities, we should show our appreciation. Not to forget SWAN and ATLAS. These North County manufacturers have long supported the PARC. Hop to it!

Out of Five-Land comes a voice from the past, Mel Bebee, W5ULU, whom you may remember as the Fountain Valley Flash (used to be W6ABO). Mel writes to complain that rather than having his name and call connected with nefarious resubscribers like those of last month's SCOPE such as WA6KZN, the Chambless crew, WA6SCV, K6$LA, and especially W6J$L and K6HAV, he would have to resubscribe for two years just to miss a year (that's an underhanded way of admitting you're a SCOPE Junkie). Mel also says that those of us in South Laguna should stop crying about the ten day delivery time of the SCOPE - it takes two to three weeks to Dallas, where he waits breathlessly for it (SCOPE, once a month does it!). So schtop already, Mel. Good to hear from you, even if you do make up things. Worth waiting for! As I live and breath - probably. About time for Collins to move you back out to Newport Beach, isn't it.

Thanks to all of those who did the folding, spindling and mutilating of last month's issue so that we could get it into the hands of the postal inspector like K6ROR, W6SCI, K6$LA. Thanks also to Terry, WB6RWP for taking over from K6ROR on the label making job. I'm sure Phil appreciates the respite.

Good to see Dave Copley, WA6HQM, bearing a hand with the Club doings at the Flea Marts.

Good thing that W6NAT moved to Fort Dick. If Bill had stayed in the area, we'd have had confusion running rampant what with Frank Cassen's new call sign - N6AT. Even without that, it's a good thing he left town!

We've missed seeing Bill Gilmour, W6VTV, at the last few flea marts. Young fellow's probably out buzzing around in his van. Unbelievable!

Rumor has it that K6EJO has bought a mountain top repeater/remote site with building and tower already installed. Going to put an Aeromotor or solar panels on the site, Gene?

"That's all", she wrote.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333, Maelee Dr., P.O. Box
1603, Vista, CA 92083
Subscription: $2.50 yr.
Vol. XII, No. 8 August 1977
P.O. Pub. #076530

2nd Class Postage paid
at Vista, CA 92083



DONALD JOHNSON

3140 LINCOLN 2/78
CARLSBAD CA 92003



NORTHERN SAN DIEGO COUNTY

W6NWG WR6AII

SCOPE

VOL. XII, NO. 10



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

OCTOBER, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREA$URER: JIM CHURCH, K6$LA, VI$TA

What with the changes in the Club's constitution and by-laws, if you're a club member, you get the SCOPE whether you want it or not (somebody wants it already?). If you're not a club member, you can get the SCOPE for $2.50 a year. If you're foolish enough to subscribe, make your check payable to the Palomar Amateur Radio Club and get it into the hands of the Trea$urer at the address in the masthead (whatever that is).

Membership in the previously described PALOMAR AMATEUR RADIO CLUB is available for the nominal sum of dollars seven and one-half ($7.50). Contact any club officer on the air or in person (eyeball-to-eyeball). It'll cost you the foregoing $$$ and a completed membership application. And of course, from the editorial point of view, the biggest bargain of all is that this paltry fee includes our magnificient newsletter at no extra cost (other than your sanity).

The Palomar Amateur Radio Club operates WR6AII, a 2M repeater on 146.13 mHz input and 146.73 mHz output for club members and occasional transient users. The repeater is located on Mount Palomar; and provides excellent coverage of San Diego County west of the mountains.

The October meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 of the evening on Wednesday the 5th (of October, hopefully) in the Great Hall of Glendale Federal Savings and Loan at the Corner of Anza and East Vista Way in ever-lovely-Vista (CA 92083, that is). The program for the evening will be a slide and cassette presentation on "NAVSTAR", General Positioning System Primary for world wide navigation of surface and subsurface craft and aircraft. The Club is indebted to Keith Cordrey, W6KVR, of Newport Beach for this presentation. Please remember to save the parking spaces near the door on Anza for the wheelchair set.

The October PALOMAR AMATEUR RADIO CLUB-SWAN ELECTRONICS Flea Mart will be held from daybreak 'til high noon or thereabouts on Saturday the 1st (of October if fortune smiles) in the SWAN ELECTRONICS parking lot (parking for ducks, geese, and brant electronics not available) on Airport Road in always-foggy Oceanside (CA 92054). If you can't find it, don't call us, we'll call you - or you can ask on WR6AII and someone can talk you in (if they're not all at the Flea Mart). SWAN parking lot parking is for vendors only, please - or else - or else we'll cut off your subscription. Clean out your garage and/or ham shack and bring the refuse therefrom to the anxiously-waiting buyers. There's a buyer for everything - ask W6JSL.

We still owe $900 and a little on our beeyootiful new Motorola repeater. Our club members and some of our local electronics manufacturers and retailers have been very good in support of the new repeater. Your donations have been most generous. We obviously still need nearly $1,000, so here goes this month's beat on the drum. We can use more donations. You can give yourself one or more chances at the prizes listed below by donating a dollar per ticket. One ticket, one chance at a prize. The prizes were donated by the folks listed, the numbers indicate the order in which the prizes will be drawn for. Atlas Radio: 1, 5, 8, 10 & 16, antenna transformers. 2, 3, 7, 12 & 15, dummy loads. WestCom: 4 & 13, 80W 2M amplifiers. Ham Radio Outlet: 11, Dentron Antenna Tuner. Radio Shack: 14, Patrolman 3 receiver. Gary Radio: 17, Yaesu 2M transceiver. Prizes 6, 210X digital frequency counter; and 9, an MFJ Super Tuner, were donated by mysterious admirers. It isn't necessary to donate for tickets. You may donate equiment or parts to be sold at the Club Table at the Flea Marts. Any way that you can help the Club to pay for the repeater is fine.

(Drum beating for repeater funds continued, no doubt)
The lucky winners of the prizes listed previously (no doubt) will be determined at a drawing to be held at 10:00 of the morning on Saturday, December 3, 1977, at the Flea Mart in the SWAN ELECTRONICS parking lot on Airport Road in Oceanburg. It is not necessary to be present to win (or lose, for that matter); so donate a batch and get a batch of chances. End of drum beating - for this issue.

Get instant recognition by springing for an OOOOFICIAL PALOMAR AMATEUR RADIO CLUB cheapy badge. Speak to the Trea$urer in moneyed tones and he'll leap into action (not off a springy springboard, hopefully); and order a badge from the Cheapy Badge Company with your name and callsign on it. If you've got something to hide, you can always order your badge with someone else's name and call. Beware, though. No refunds in the event of identity crises. Anyway, we're looking forward to seeing you - if we can tell who in the blue-eyed world you are.

Joining or re-joining the American Radio Relay League? Glad to hear it. Give the Club a break and do it via the Club, which will get a big, fat dollar and one-half. It's painless, too! Won't cost you a pretty penny (or a red scent, sent, cent?) more than if direct liaison were authorized. Make your check payable to the Palomar Amateur Radio Club; and get it to our e$teemed Trea$urer (if you're reenlisting, please enclose your QST mailing label and renewal card). The tab is $12 for one year, $23 for two, $33 for three, $43 for four, and $53 for five. It's better for the Club if you ship over every year rather than go the long term route, since the Club only gets $1½ for each reenlistment, no matter for how long. If you decide to go the lifer route with the aforesaid League of American Radio Relayers, direct liaison is authorized with HEADQUARTERS in Newington (CT 06111 no doubt). Don't bother OUR Trea$urer with it since the Club doesn't even get a sniff, much less a RED CENT of your lifer dough. Stick to the annual renewal route and the Club will get rich while you go broke in installments rather than in one Lifer Lump ($240!!!).

GNU SCOPE ~~SUCKERS~~ SUBSCRIBERS: Mike Havins, WB6TBH.

GNU AND RE-NUDE PALOMAR AMATEUR RADIO CLUB MEMBERS: Helen Miller, WA6EZI; Bill Dewey, WD6AHW; Pat Dewey; Bob Findlay, W6NZX/W7KMC; Paul Norman, K6NZ; Bill Gay, WA6PNY; Bill Watt, WA6HYC; Jack Porter, K6EQN; Lloyd Hunt, W6TFB; Bill Parrish, WA6VKK; Bill Gilmour, W6VTV; Frank Willimas, W6MIR; Frank Bornowski, W6TBI; Al King, W6SSL; Max Sperry, K6JNL; Ed Vigueur, WA1SAJ; and George Smith, WB6DFF. Thanks for enlisting and reenlisting in the PARC. We appreciate your support of the Club, its repeater and its activities. And the EDITOR appreciates a larger captive audience!

FORESAIL (That may be a jib to some but it's a jibe to us):

Panasonic boom mike headset with speach amplifier - ideal for mobile use, weight three ounces, $50. Call Frank, W6TBI, at 445-5625.

CDR Ham-M rotor 252-50 w/control, cable and manual, $89. Hy-Gain 153-BA 15M beam with manual. Call Will, W2FWV, at 432-3277.

Heath SB301, SB401, SB200 with all accessories. Call Dave, WA6HQM, at 753-2605.

Two Model 28 KSR's, one like new table top with gear shift and non-overline; one floor model with selector magnet driver. Two Model 28 typing reperferators, 60 and 100 wpm. One Model 28RO reperferator with gear shift, 60-75-100 wpm. Two ST-6 terminal units, both have AK-1s. Have ordered computer, need space. Call Phil, K6ROR at 724-0098.

Collins R-390 general coverage receiver w/manual, $250. Two floor model 28 KSRs, one 60 and one 100wpm. Call Ralph, K6HAV, at 499-2921.

WANTED: (Chloe!):

Telephone answering device (preferably FCC type-approved). Record function need not be in working condition. Wanted for repeater control in WR6AII system. Price must be cheap, cheep, cheap. Call Walt, W6SCI, at 729-7846 or on WR6AII. If a man answers, hang up.

ARRL BULLETINS OF INTEREST (Doubtlessly)

Official Bulletin 665 of August 18 concerned the September VHF Party.

Official Bulletin 666 of August 25 said: Effective immediately, applicants for FCC administered amateur radio examinations are no longer required to demonstrate proficiency in sending the Morse Code. Note that only the sending test has been abolished. The code receiving test continues as usual. Please note further that the abolishment of the code sending test applies only to tests administered by an FCC examiner. In other words, volunteer examiners conducting Novice examinations must continue to ascertain that applicants can both send and receive Morse Code at 5 words per minute. Details October QST.

Official Bulletin 667 of September 1 said: Nominations are now in order for appointments to ARRL Advisory Committees. The current committees are the Emergency Communications Advisory Committee, the VHF Repeater Advisory Committee, the VHF/UHF Advisory Committee, the Contest Advisory Committee and the DX Advisory Committee. Candidates must be nominated by at least 3 full members of ARRL and must have been a League member for a minimum of two years, licensed as a Technician or higher for 3 or more years and currently and consistently active in one of the specialty areas. Convenient nominating forms are available from ARRL, 225 Main Street, Newington, CT 06111. Full details on the committees, including a list of current members, starts on page 64 of the September QST.

Thanks to N6AT, Frank Cassen, our North County Emergency Coordinator for the preceding bulletins.

Official Bulletin 671 of September 22 was copied by WB6RWP, Terry; and passed via land line to our former guessed typist, who took it in shorthand for Ye Olde Ed. It said: On September 21, 1977, the FCC acted on Docket 21033, Repeater Rule Simplification. Effective immediately no new applications for new repeater, auxiliary link, and control station licenses will be accepted. The following are also effective November 4, 1977. Distinct licenses for repeaters, auxiliary link and control stations will be eliminated. These modes of operation will become privileges inherent in all individual primary licenses and club station licenses. This means that distinctive WR prefixes for repeaters are being abolished. However present repeater, auxiliary link and control station licenses remain in effect until expiration, at which time they will be renewable. Also, applications for repeater station licenses now on file will be dismissed without action. Portable and mobile operation of auxiliary link stations has been approved. In addition to the present repeater subbands the following frequencies have been made available for repeater use: 144.5-145.5 mHz, 220 mHz and up, except for 435-438 mHz. Technician class licensees have been granted additional privileges at 144.5-145 mHz so that they may use the newly created repeater subband on 2 meters. This gives Technicians privileges on 144.5-148 mHz in all on 2 meters. The identification interval for repeaters has been extended to at least once each ten minutes. Stations operating in the repeater mode shall identify either by phone by adding the word repeater after the primary call sign, or by CW by following the primary call with /rpt. Stations operating in the auxiliary link mode (or control mode - the control function has been combined with that of auxiliary link) shall identify either by phone by appending the word auxiliary after the primary call, or by CW by including /aux after the primary call. Transmissions from open access automatically controlled repeaters need no longer be monitored or recorded. There was no action taken on the establishment of priorities for frequency use, on modifications of the present effective radiated power versus height above average terrain requirements, or on the elimination of the requirements that a record of third party traffic must be maintained in the log of a repeater station, or of a station operating in the repeater mode.

REPEATER:
As predicted with our usual impeccable accuracy in last month's issue, the new Motorola Micor repeater was received; and after a day or two of operation at Repeater Engineer W6NZK's QTH, it was installed in its permanent home on Mount Palomar. IT SOUNDS GREAT; and performs the same way. The present antenna orientation favors the south more that previously so it's
(Continued in our next - hopefully)

not as good as previous in Orange County, but we copied Mike, W6AAM, solidly until his transistors tired of the strain of the long haul. We do copy WR6AII solidly from our favorite hill in South Laguna and from Dana Point. It sounds just like old times to hear all the old familiar calls; and again we hear a whole batch of new ones. We're sure glad to hear WR6AII from Palomar again after a year's hiatus.

The Club's policy has long been to operate an open repeater for the use of its club members and occasional use by transient operators. As we've said before, contributions to help pay for the new machine are truly welcome.

DOWN THE TOOBE (Or should it be IC)

W6VTV, Bill Gilmour, sent along a nice repeater check to help pay for the new machine. Sorry to report that Bill is in Scripp's Hospital after what may have been a heart attack while he was in the high Sierras. W6TBI reports that Bill is doing better; and is on the repeater from the hospital with an HT.

While we're on "sick call", we've received a report from Oscar, W6BIH, that he's home from stays in Tri-City and Sharp's Hospitals. Oscar says that he had a triple by-pass open heart procedure done at the later; and that he is slowly recuperating at home in Vista.

(Continued somewhere - probably)

Due to the mature nature of the following material, discretion is advised.

U.S. POSTAL SERVICE

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

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

1. TITLE OF PUBLICATION: Scope
2. DATE OF FILING: 9-3-77
3. FREQUENCY OF ISSUE: Monthly
4. NO. OF ISSUES PUBLISHED ANNUALLY: 12
5. ANNUAL SUBSCRIPTION PRICE: $2.50
6. LOCATION OF KNOWN OFFICE OF PUBLICATION *(Street, City, County, State and ZIP Code) (Not printers)*: 2223 Kaelee Dr., Vista,CA 92083
7. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS *(Not printers)*: Same As Above
8. NAMES AND COMPLETE ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR

PUBLISHER *(Name and Address)*: Ralph Crossman, P. O. Box 7, So. Laguna, CA 92677

EDITOR *(Name and Address)*: Ralph Crossman, P. O. Box 7, So. Laguna, CA 92677

MANAGING EDITOR *(Name and Address)*: None

9. OWNER *(If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.)*

NAME	ADDRESS
Palomar Radio Club	P. O. Box 1603, Vista, CA 92083

10. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES *(If there are none, so state)*

NAME	ADDRESS
NONE	

11. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES *(Section 132.122, PSM)*

The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes *(Check one)*:

☐ HAVE NOT CHANGED DURING PRECEDING 12 MONTHS ☐ HAVE CHANGED DURING PRECEDING 12 MONTHS *(If changed, publisher must submit explanation of change with this statement.)*

12. 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
A. TOTAL NO. COPIES PRINTED *(Net Press Run)*	200	200
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	0	0
2. MAIL SUBSCRIPTIONS	184	180
C. TOTAL PAID CIRCULATION *(Sum of 10B1 and 10B2)*	184	180
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	11	15
E. TOTAL DISTRIBUTION *(Sum of C and D)*	195	195
F. COPIES NOT DISTRIBUTED 1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING	5	5
2. RETURNS FROM NEWS AGENTS	0	0
G. TOTAL *(Sum of E, F1 and 2—should equal net press run shown in A)*	200	200

11. I certify that the statements made by me above are correct and complete.

SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER: R. Crossman, Publisher/Editor

12. FOR COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES *(Section 132.121, Postal Service Manual)*

39 U. S. C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4359 of this title shall mail such matter at the rates provided under this subsection unless he files annually with the Postal Service a written request for permission to mail matter at such rates."

In accordance with the provisions of this statute, I hereby request permission to mail the publication named in Item 1 at the phased postage rates presently authorized by 39 U. S. C. 3626.

SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER: R. Crossman, Publisher/Editor

PS Form 3526, Apr. 1976 *(Page 1)* (See instructions on reverse)

DOWN THE TOOBE (Or up the transistor, mebbe?)

Pheerless leader, WA6KZN, and family drove their new delivery truck (a 30th wedding anniversary present) up to visit the EDITOR last evening. Naturally, Bob has joined W6JSL and K6EJO in the Mercedes Benz delivery truck category. Not too shabby! Course Bob and Joanne anticipated their anniversary by a month or two, but then maybe by that time they'll find something to trade Bob's Opel in on.....

While WA6VYD and WB6VYC are getting their computer into operation, K6ROR has decided to go the Heathkit route for his. Phil has opted for the whole works and expects to have it by mid-November or so. Hope you get it operational before you find a buyer for the RTTY gear, Phil - sure would hate to go back to hand addressing the SCOPE.

Speaking of WA6VYD, Burr has just gotten back from Chicago, where he represented Atlas Radio at a convention - and just incidentally picked up a much-needed part for his computer.

WA6SCV was seen in the local area recently after sojourning in Utah, where Dick was helping his son build a house.

The Antarctic's loss is our gain. WB6RWP, Terry, is not going down to winter over on the southernmost continent. Sorry that you've been disappointed, Terry, but we're glad that you're going to be around. Bet that Lenore's not going to be unhappy. Hope you can afford a second car!

We stopped in to see Jim, K6$LA and his XYL, Penny, at their one-year-new home in the Warmlands area of Veesta. Jim has a bigger shack this time - but then it has to be since he's sharing it with Raymond, WB6PPB, and the garden tools. Jim's beautiful 60' crank-up tower is all shipshape in 6' of concrete with HF, VHF and UHF antennas on top. Now if we can just figure out which feed line goes to which antenna .....

"BREAK" separates the heading from the text of amateur message traffic. We also hear it used to interrupt a QSO in progress. The FCC says: "an amateur station shall be identified by the transmission of its call sign at the beginning and end of each single transmission....." Use of your call sign instead of "Break" is not only the legal method of entering a QSO already in progress, but it also eliminates the requirement for the other stations to find out who is the calling station. Try it. You'll like it. Or else.

One of our control stations on the repeater asks that you use a dummy load instead of the repeater when testing the push-to-talk switch on your mike. If any sort of testing is necessary on the repeater, it is a legal requirement that the testing station identify itself. But there is no profit in talking about the legal responsibilities of amateur radio stations since we all were required to know them to get our licenses. Of course, there's also the matters of respect for the rights of others and plain good manners.....

Jim, K6$LA, reports a recent ten meter contact with WA4CFI, the former WA6KHN, Duane "Walt" Walters. Walt was the Section Emergency Coordinator before he retired from the Marine Corps. Jim reports that Walt is planning a visit to the area in the Spring; and that he will try to make a flea mart or club meeting. We know that many of us, including his old shipmate WA6KZN, will be glad to see Walt after several years of his absence.

Helen, WA6EZI, sent along a nice, fat check for the new repeater; and says she's interested in getting on 2M, but that she doesn't know anything about it. She feels that a handy-talkie would be fun. I'm sure that if she's on any of the high ground in Carlsbad she can hit WR6AII and the Otay machine with an HT.

Frank, W6TBI, sends his congratulations on the "new" repeater on Palomar. We're glad to hear you back up again, Frank. Hope you and Victor Tare Victor live forever.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, CA 92083
Subscription: $2.50 yr.
Vol. XII, No. 10 October 1977
P.O. Pub. #076530

2nd Class Postage paid
at Vista, CA 92083



DONALD JOHNSON

3140 LINCOLN
CARLSBAD CA 92008

2/78



NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

SCOPE

VOL. XII, NO. 12

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

DECEMBER, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREA$URER: JIM CHURCH, K6$LA, VI$TA

SCOPE subscriptions, when purchased separately from club memberships, are roughly $2.50 per annum. Club membership includes a subscription to the SCOPE thus giving us a captive audience. Whatsomever, if you're not going to join the club, but are foolish enough to want the SCOPE, send your check or POSTAL money order to address on the masthead and our doughty trea$urer will leap for joy. Let's all keep Jim jumping.

Membership in the Palomar Radio Club is $7.50 per year, and as we have so astutely observed, includes a SCOPE subscription - whether you want it or not. Membership applications are available at any club function, by on-the-air application to any club officer, or by dropping a poison pen letter to P.O. Box 1603, etc as per the address at the top of this page. As usual, our steamed Trea$urer will be overjoyed to communicate with you and confirm the receipt of your check, money order or large, marked bills.

The Palomar Amateur Radio Club owns and operates WR6AII, a 2M repeater station on 146.13 mHz input and 146.73 mHz output for the use of club members and occasional transient users. It is carrier operated; and is located on Mount Palomar, from which it provides excellent coverage of San Diego County to the west of the mountains as far north along the coast as San Onofre. The Club 450 mHz repeater, WR6APO, operates on an input frequency of 444.300 mHz and on 449.425 mHz out. It too is carrier-operated; and is presently located in Vista. The Club's Repeater Committee Chairman is Walt Lockhart, W6SCI.

Joyeaux Noel, no doubt. The December meeting of the Palomar Amateur Radio Club will, without fail, be held - probably. As per usual, it will be held on the first Wednesday of the month (December, remember?), which will no doubt be the 7th, at 7:30 of the evening in the International Conference Room at Glendale Federal Savings and Loan at the corner of Anza Way and East Vista Way in heart of Greater Vista. In addition to the usual fabulous program, the December meeting will be highlit (highlighted) by the Club's annual election of officers. Forewarned is forearmed (or mayhap four warned is four armed - whatever that means), so come out and look after your interests lest your hand fit the gavel too completely. Don't say you haven't been four warned.

Kurisumasu omedetou gozaimasu, probably. The Club's annual Christmas Party and Free Fall Parachute Jumping Contest will take place at 7:30 of the Post Meridian on Saturday, the 10th (of December?) in the Recreation Hall of the Valley Oaks Mobile Home Park on Reche Road 1/2 mile west of I-15 in the Fallback (CA 92028) area. Men bring a man's gift not to exceed $2.50 and ladies do likewise for a lady. Youse should also bring some edibles to add ot our girth as well as our mirth. The Club will provide punch and coffee. Wassail, wassail, doubtlessly. At least you won't have to listen to Bill Driml on the Mighty Methuen, Mass. Memorial Music Hall Organ - probably. Feliz navidad, perchance.

The old Traditional December Marketing of the Fleas will take place at the Palomar Amateur Radio Club Flea Market in the SWAN ELECTRONICS parking lot on Airport Road on the inskirts of ever-lovely Oceanside (CA 92054) starting at the crack of dawn, or 0800, whichever comes later, on Saturday, the three of December; and continuing until noon or until the last dog is hung (hanged?), whichever comes sooner. New rules for marketing your (or anyone elses) fleas will prevail. They will prevail or your fleas will NOT be marketed in the City of Oceanburg (CA etc). It seems that the forementioned city has become aware that fleas are being marketed on the first saturday of each month in the Swan parking lot (they have been since October, 1973). Oceanside now wants to be sure that no stolen fleas are mar-

(Continued in our next - if fortune smiles on us)

(Continued from our last - hopefully)
keted in the Swan Electronics parking lot. Therefore, the following rules will apply to all sellers at the Palomar Amateur Radio Club Flea Markets:

RULES FOR SELLERS AT PALOMAR AMATEUR RADIO CLUB FLEA MARKETS

1. All sellers must have an amateur radio license; and display on table or tailgate a QSL card.

2. All sellers must sign in with name, call, vehicle license and address.

3. All sellers must display and sell in the Swan Electronics parking lot.

4. Only one parking space may be utilized by each seller.

5. Nothing not related to amateur radio will be offered for sale.

6. No hi-fi gear, automobile tape players or similar equipment will be offered for sale.

7. No commercial sellers permitted.

In order to permit the club flea mart to continue operation, the foregoing rules must be adhered to. So that Burr, WA6VYD, and Dick, WA6SCV, can oversee the flea mart operation and compliance with these rules, the Club needs three or four volunteers to assist; and to operate the Club table and coffee table. Volunteers please make your availability known to Dick or Burr or any club officer. Let's not be bashful - we need the assistance.

Why don't you let the Club get a little of your money which would otherwise go to the ARRL when you enlist or reenlist therein. Just make your check payable to the Palomar Amateur Radio Club and get it with your renewal card and QST mailing label to our S-steamed Trea$urer and he will take it from there (the Club will get $1½ of your dough which would otherwise be lost forever in Newington). It will cost you $12 for one year, $23 for two, $33 for three, $43 for four, or $53 for five years. We'd be happier if you reenlisted annually because the Club gets its cut of $1.50 for each reenlistment, no matter how long (except for the Life Sentence for which the Club gets ZERO.) So ship over often and the Club will get rich while you go broke. Ta da!

FINAL BEAT OF THE DRUM FOR TICKETS FOR THE DRAWINGS TO TAKE PLACE AT THE DECEMBER FLEA MARKET, DECEMBER 3RD IN THE SWAN ELECTRONICS PARKING LOT: This is the last holler for tickets for the gear we're giving away in support of the purchase of our new repeater. Tickets cost $1 each and can be purchased at the flea mart prior to the drawing which will take place at 10:00 of the morning, December 3 in the Swan Electronics parking lot. The prizes to be drawn for are as follows in the order in which they will be drawn for and with their donors inicated: ATLAS RADIO: 1, 5, 8, 10 & 16, antenna transformers; 2, 3, 7,12 & 15 dummy loads. WESTCOM: 4 & 13, 80W 2M amplifiers. HAM RADIO OUTLET: 11, Dentron Antenna Tuner. RADIO SHACK: 14, Patrollman-3 receiver. GARY RADIO: 17, Yaesu 2M transceiver. Unknown admirers have donated prizes 6, a 210X frequency counter; and 9, an MFJ Super Tuner. Get your tickets now, before it's too late.

AUCTION: The PARC's 2M Standard repeater and 6-cavity duplexer and 50W 2M amplifier will be auctioned by sealed bid December 19. All equipment to be sold as is; and can be examined at the PARC table at the December 3 flea mart. Submit bids in sealed, unmarked envelope to reach PARC by Dec. 17. Minimum bid $150.

Who in the blue-eyed world are you? You don't know either? Cough up the $$$ for a Palomar Amateur Radio Club badge with your name and call on it and we'll all be the wiser (if not the better) for it. K6$LA will be glad to take your money and place an order with the Cheepy Badge Co. for YOUR very OWN BADGE or that of Steve Smerker if you still are having an identity crisis. Anyway, hurry up and get a badge so Jim'll know who to deliver Steve Smerker's badge to.

The Nominating Committee announced its selection of the following slate of officers for 1978: President, Paul Dorey, WA6EJL; Vice President, Frank Tipton, WA6HPP; Secretary, Louise Evans, WB6AUK; and Trea$urer, aging-but-agile Jim Church, K6$LA. Well done, faithful indian companion.

Continuing fearlessly:

FROM OUR PEERLESS ARRL EMERGENCY COORDINATOR FOR NORTH COUNTY (Emergencies peerlessly coordinated. Cut rates for members.)
To all you card-carrying members of the AMATEUR RADIO EMERGENCY SERVICE: The yellow card in your possession is evidence of your interest in, and support of emergency communications. Please note the date of issue in lower left corner. If one year has elapsed, please see me at next club meeting or flea market for certification and verification of your continued interest. P.S. The card says: "Amateur Radio Emergency Corps". Don't be confused.

To all club members and others who are not registered with this elite group:

1. See me at any Club meeting or flea market for a Registration Form or request by phone or mail at 728-8003; 3909 Reche Rd. #22, Fallbrook, Ca 92028.
2. Fill it out and sign it and return it to me.
3. It's probably the only phase of ham radio that's free, but hurry since inflation may catch up with us any day.
4. It proves that you have read section 97.1 (a) of the Rules and Regulations.

Frank Cassen, N6AT, E.C., North County

Changes to last month's Club Membership List: Change K6EZ to read W6EZ; W6LT to read N6LT; and WB6UYG to read WB6UYA. Delete W6PZU who is now N6AT.

New and renewed members: Bob Gonsett, WA6QQQ; Steve Sheers, W6TRL; Larry Harvey, N6LY; Ed Lutz, K4ACM; Merit Arnold, W6NLO; Dick Berg, W6AAG; Peter Glaser, W6OKG; Jim Miller, W6BWF; John Underwood, K6OWU; Allen Bourhenne, WB6LDK; Ron Myers, WA6GIH; Paul McCluskey, W6BRF; Dick Dahl, WA6MDD; Jim McKeown, WB6JTY; Mort Jones, W6KLG; Don Lanthier, WB6RRY; Francis Stevens, WA6KLH; Ray Hodges, W6AQP; Jay Carr, W6FAY; Hod Luhn, WB6IFH; Paul Lineham, WA6YCA; Fred Kosaka, N6DG; Sam Burdette, W6YYV; John Noonan, WA6SWL; Bob Coup, W6BXJ; Wendell Pollock, WD6BEH; Russ Whempner, K6CLK; Bill Dealy, WB6DJJ; Jim Van Estenburg, WA6SUE; Billy McCord, WB6TBQ; Pete Mayes, WB6OBH; R.F. Raines, WA6TAW; Will Levesque, W2FWV; Joe LaPointe, WB6HMY; Russ Anderson, W6FVB; Allan Lyons, W6CAX; Bud Pasnow, WA6BIR; Brit Garlow, KN6PEU; Mary Garlow, K6QPG: Russ Ames, WB6STZ; George Wood, WA6HMT; Jeff Dodge, WB6STY; Bob Hallen, WA6HPC; Bob Dean, WB6OXK; Charles Strang, W6VRR; Sven Bach, W6NIJ; Jim Kavan, W6IPP; Al Petersen, Jr., WB6TAW; Zane Sprague, K6WK/KH6AWJ; Bill Wise, Jr., WB6QEZ; and Al Campbell (no call but almost). Welcome to the Palomar Amateur Radio Club or welcome back to the Club, as the case may be. We should also add WD6BGB, but I don't have a name for him from my trusty Indian Companion and faithful correspondent. And anyway, I plead nolo contendre.

FOR SALE:

QSTs 1928-1975, 48 years, 576 copies in new condition. Call Jack Lee at 757-8848.

Swan 270-B and Heath HP-10 linear amplifier. Call Lou Grill at 726-4830 or 744-0094. Lou forgot to send his call sign along, and I've forgotten it.

Two element 10-15-20M fiber glass quad with mast clamps and variable capacitors for each band. Two arms need replacement on driven element, but reflector OK and completely wired, $10. Hallicrafters SX-111 15 tube receiver 10-80M, $95. Call Bill Larsen, W6VJ, at 726-0328.

Heathkit SB-102, HP-23A, SB-600 w/D-104 mike, $350. Call Matt Taylor, WA6AJS, at 727-1580.

Collins 75S3B, 32S3, 516F2, SM-1 mike, $950. Call Bill Taylor, K6TQ, at 727-1580. Need 8 fiberglass quad arms 13± feet long.

Two Model 28 Teletype KSR page printers w/manuals; one 60 wpm, one 100 wpm. Collins R-390 general coverage receiver w/manual. Call Ralph, K6HAV, at 499-2921.

Hy-Gain 5-band trap dipole w/balun and all fittings. Completely assembled and ready to radiate. Call Willard, W6IDT, at 749-1731. Willard says he's too old to reinstall it; and too busy, now that he's retired, to fit the club meetings into his schedule. Ha!

ARRL BULLETINS OF INTEREST: (Doubtlessly)
Official Bulletin 675 of October 20 says: The FCC has dropped its proposal for a new Class E CB Radio Service at 224-225 MHz. In a public notice released October 13, 1977, the Commission stated that since the release of the proposal (Docket 19759) in 1973 significant events have occurred which render the original comments and reply comments obsolete. Since 1973 the mumber of CBers has increased dramatically to 10,406,828; the FCC has formed the Personal Radio Planning Group (PRPG) to perform an internal study of personal radio, and the Personal Use Radio Advisory Committee (PURAC) to obtain assistance from industry and users; the Commission increased the number of CB channels from 23 to 40; and in April 1977 the PRPG concluded that frequencies other than 220-225 MHz should also be considered for a personal radio service. The Commission said that it would consider the issue of alternate frequencies for personal radio in some future rulemaking. Details December QST.

Official Bulletin 676 of Ocober 27 says: The FCC has indicated that due to a large number of Novice examinations expected to be conducted this fall, it intends to strictly enforce the 30 day limit for returning the Novice written examination papers to its office in Gettysburg. Instructors and examiners are advised to mail the examination papers back toGettysburg well within the 30 day limit to assure that they are received by the FCC within 30 days of the date stamped on the examination envelope.

Official Bulletin 678 of November 10 says: Superseding information of ARRL Official Bulletin Nr 677 dated November 3, 1977, the FCC has delayed implementation of the new repeater regulations scheduled to go into effect on November 4, 1977. Many parties, including the ARRL, filed petitions for reconsideration in Docket 21033, and pending FCC action on those petitions the old rules will remain in force. In particular, the proposed new repeater subbands, and technician segment 144.5 to 145 MHz, are not yet available for use. Also, mobile and portable auxiliary-link operation is not authorized. There is still a freeze on the filing of applications for new repeater, auxiliary link and control stations, but applications for modifications and renewals of these stations will be processed.

DOWN THE TOOBE:
Our new repeater has been paid for in full. Thanks to all who supported the Club in its efforts to get WR6AII back into operation on the mountain. We appreciate the donations of time, effort, money, and equipment. Not to mention the real estate for the site. Don't let the fact that the repeater is paid for deter you in your flight to purchase more tickets for the giant drawing (no, we're not drawing for any giants) at the December flea mart. The Club can use the $$$ to replenish its treasury and pay the electric bills.

We sure are getting a lot of favorable comments on the new, revitalized WR6AII - and consequently a lot of new club members like Bob Gonsett, WA6-QQQ, of Encinitas; and Larry Harvey, N6Local Yokel of Point Loma, both of whom had nice things to say about the new machine when they joined the Club.

W6BIH, Oscar, and XYL flew back to Michigan to visit family and ham friends in the area. The card Oscar sent says: "Weather is not bad." Bet he's singing a different song if they spent Thanksgiving there.

Bill, K6TQ, says that he now has a KDK rig on 2M. Glad to hear it, Bill; now if we can just get that 160M repeater in operation for you.....

Bill, W6VJ, went to the Northwest and British Columbia in September. Says he had lunch with Gene, ex-WB6PFO, and his XYL, Grace. Bill plans to spend Thanksgiving in Florida.

"That's all," she wrote.

"SCOPE"
Published monthly by the
Palomar Amateur Radio Club,
2333 Maelee Dr., P.O. Box
1603, Vista, CA 92083
Subscription: $2.50 yr.
Vol. XII, No. 12 December 1977
P.O. Pub. #076530

2nd Class Postage paid
at Vista, CA 92083

12



DONALD JOHNSON
3140 LINCOLN
CARLSBAD CA 92008

2/78

