

NORTHERN SAN DIEGO COUNTY

W6NWG

WR6AII

JAN 27

PALOMAR AMATEUR RADIO CLUB

P. O. BOX 1603

VISTA, CA 92083

Merry  
Christmas



# Scope



Happy  
New Year

President: Bob Heitger, WA6KZN, Carlsbad  
Treasurer: Jim Church, K6SLA, Vista

Vice President: Ron Earl, WA6WVX, San Diego  
Secretary: Bill Countryman, WA6AEZ, Oceanside

The Palomar Amateur Radio Club meets on the first Wednesday of each month, 7:30 P.M. at the Glendale Federal Savings & Loan in Vista. Visitors are welcome.

Subscriptions to the SCOPE are available to members and non-members alike. The going rate is still only \$ 2.25 for one year. PARC Treasurer Jim Church will handle the details. A reminder to make your QST renewals via the Club. Renewals still cost you the same but the Club treasury comes out ahead on the deal.

Weather and other variables permitting the First Saturday in January will be the scene for another outstanding Flea Mart in the parking area of Swan Electronics in Oceanside from 0900 to about 1300.

Vice President Ron, WA6WVX announces an interesting program to start off the New Year. An ARRL film on Amateur Radio narrated by Roy Neal of NBC. This is one which should fill the hall to capacity.

The December meeting was highlighted by a slight restructuring of the top echelon. Running unopposed, Bob Heitger, WA6KZN former Vice President was moved into the top position. The gap created was taken up by Ron Earl, WA6WVX. As the new Vice President Ron has some fine crowd gathering programs lined up. Jim Church, K6SLA held in high esteem by all (he has all the money) continues as Treasurer. Secretary Bill Countryman, WA6AEZ will keep the records straight for another year. A good team. Now if the troops can keep the brass headed in the right direction '77 will top 'em all.

A vote of appreciation is due outgoing President, Dick Wagner WA6SCV, who during the past three years demonstrated his dedication to the PARC by staying on the job when the going got rough. Thank you Dick for a job well done. Fitting that you drew the number one on the Life Membership list.

Our new Leader, Bob WA6KZN took over at the opening bell and introduced Peter Crill of CYBERDUX Micro-Computer Applications. For those whom I observed sleeping or merely checking for eyelid pinhole leaks, and those of you who did not attend, there was one very interesting application. That is, to program your wife while she sleeps so that she awakens early to make coffee, serve breakfast in bed, and all those other facets that you dream of as you grow older.

Felix, K6ZB was appointed Chairman of a Committee to rewrite the Constitution and By-Laws. A preliminary call for assistance from the membership; write out your idea, your wishes or whatever and pass along to Felix. The greater the input the better chance the final copy will pass.

Dick Wagner, WA6SCV was appointed chairman of a Building Committee to survey, evaluate and execute construction of facilities to house the Palomar Repeater at a possible new site.

Walt, W6SCI suggests the building be warmed during cold spells otherwise you won't see him on the mountain.

Frank Tipton, WA6HPP volunteered as PARC Delegate to the San Diego Amateur Radio Council along with Lyle Farrell W6KGC.

A motion by Jack Williams, W6BLL that Life Memberships be made available to PARC members for a period of three months at a cost of \$ 100.00, was seconded and passed by a majority vote

There is a note which says Life Members will receive a special certificate for framing and a special wallet card.

After the dust had cleared in the scramble to be First on the role of Life it appears that Dick Wagner came in first with Burr Chambless a close second, just edging out Phil Schutze who took third. Then came Clem Futter followed closely by Jim Kavan. Congratulations and may the Lifer's tripple several times over before the gate closes.

The January meeting. Roy Neal of NBC narrates an ARRL film on Amateur Radio + W6GXC Film on Gary's ! That's the place to go.

\* Mexican Prison Rescue

\* \* \* \* \*  
Present Constitution and By-Laws do not provide for Life Memberships. It is unfortunate that advance notice was not circulated to all members. Ye. Editor is in favor with the Life Membership concept. Even at age 65 the benefits are tempting. The December meeting had the lowest member attendance for 'Change of Command' ceremonies in the memory of this writer. The motion as submitted and passed, does in effect force a change in the rules of the game. K6ZB, Felix had already been named Chairman of a Constitution Re-write Committee. Pending further developments Life Membership will be included in the section dealing with types and classes of memberships. Until adoption of the new Constitution and By-Laws, Life Membership as it now exists, does so on the strength of a motion made, seconded and passed by a simple majority of members present at a regular meeting without advance notice. Easy come, Easy go. The Palomar Amateur Radio Club has been around for over forty years. The Lifers are betting it will go beyond that figure again. For the Lifer that means immunity from the demands of a spiraling-cost rat race. The common folk will have to take up the slack. Like I said, even at 65 the benefits are tempting.

\* \* \* \* \*  
The Executive Committee of the PARC was notified and did attend a meeting Saturday morning the eleventh of December at the Glendale Federal Savings and Loan in Vista. It was a good meeting. Each Committee chairman had an opportunity to present a particular area of interest and to take part in discussing various items. Once again, as always when time slots are not programmed, those on the low end of the pole get eased out. Ye Editor was the last one to get aboard so you know where he was on that pole! All in all an excellent meeting.

\* \* \* \* \*  
President Bob Heitger WA6KZN, announces the following committee chairmen for 1976-1977:

PARC's Representatives to the San Diego County Council of Amateur Radio Clubs will be Lyle Farrell W6KGC and WA6HPP Frank Tipton.

Public Relations, WB6WQI Ed Null

Hospitality, W6DEY Roy Maxson

Prizes, WA6VSN Herb Wandschneider

Publicity, Jane Rice

Refreshments, W6IPP Jim Kavan

Repeater Chairman, K6ROR Phil Schutze

Publications, WB6EOT Verl Thornsberry

Constitution Rewrite K6ZB Felix Ferranto

Building for Repeater, WA6SCV Dick Wagner

Flea Market, WA6VYD Burr Chambless and WA6SCV Dick Wagner.

\* \* \* \* \*  
Palomar Amateur Radio Club Executive Committee currently consists of:

W6BLL, W6DEY, WB6EOT, K6HAV, WA6HPP, W6IPP, W6KGC, WA6OZS, K6ROR, WA6SCV, WA6SVN, WA6VYD WB6WQI, K6ZB, and officers: WA6AEZ, WA6KZN, K6SLA, WA6WVX.

\* \* \* \* \*  
It had been rumoured that Ralph K6HAV who has been the SCOPE editor some years was ready and willing to take time out. Ralphs editorial style will be missed by many. All will acknowledge a job well done. Guess you took your vacation at the wrong (?) time Ralph. Again, Thanks for a dern good job.

NEWS ITEM: Ralph, K6HAV reports that 2nd Class mail took four days from Vista to South Laguna - about ten miles per day. ( Dec. Scope mailed in Vista 23 Nov. received S. Lag 27 Nov)

\* \* \* \* \*  
NEWS ITEM: From Electronic Design Sept 27, 1976, in article dealing with sources of RFI/EMI states "illegal or bootleg rf amplifiers increase the CB Xmtr many times the legal 4 watt limit. These amplifiers are made available to CBers by a few irresponsible CB suppliers who manufacture amplifiers, ostensibly for amateur use but which can be driven by only 3 or four watts. As most amateurs have exciters with about 100 watt capacity, the subterfuge is quite obvious."

\* \* \* \* \*  
You may have noticed the PRC has been replaced by PARC. Replaced is not quite true, reinstated perhaps. Somewhere along the line, the original Palomar Amateur Radio Club lost the 'amateur'. Just where and why is not really that important. This is the Palomar Amateur Radio Club, born during the early thirties and today is the oldest Club of its kind in Northern San Diego County and ranks high up on the list of oldest in Southern California. There is a welcome movement under way to seek out facts and highlights of the PARC and to record same for posterity. A possible extension of that movement may be overly ambitious but there must be hundreds of pictures destined for oblivion - destruction - unless they can be gathered and preserved in album form for interest of present and future members.

\* \* \* \* \*  
Thats what the man said! Garys.

\* \* \* \* \*  
Chet Lee, WA6YME signed up for another two years of SCOPE. Thank you Chet.

\* \* \* \* \*  
What is the going rate for Life Subscriptions to the SCOPE?



ARRL BULLTINS AND Simulated Emergency Data Supplied by: Frank Cassen W6PZU

Official bulletin Nr 618 from ARRL Headquarters November 12 1976 to all Radio Amateurs:

The ARRL Club and Training Department has produced a question-and-answer sheet about amateur radio. This sheet can be used to explain to non-hams how to get started in amateur radio while answering the most commonly asked questions about ham radio. The free handouts are ideal to give to relatives and CBers. For your supply send a self-addressed, stamped envelope to the Club and Training Department, ARRL, Newington, CT 06111

Official bulletin Nr 619 reports Director and Vice Director election results in other divisions.

Official bulletin Nr 621 December 2 1976. To all Radio Amateurs: An important action by FCC in connection with U.S. preparations for WARC-79 has resulted in the release of a 140-page proposed table of allocations. ARRL Headquarters will supply an abstract of the portion relating to the Amateur Radio Service to anyone sending in an addressed envelope with twenty four cents U. S. postage. The abstract will be mailed automatically to all ARRL affiliated clubs. Concerned amateurs will want to comment on this notice of inquiry and the abstract will suggest the method to do so. Address your requests to ARRL, 225 Main Street, Newington Ct 06111

Official bulletin Nr 620 November 24 1976. To all Radio Amateurs: Qualified volunteer examiners can now obtain Novice written examinations in bulk prior to the administration of the Novice code test, thanks to a recently announced waiver of the FCC rules. Examiners who meet the FCC requirements should supply two mailing labels with their names, address, call, number of exams needed and date needed along with a copy of their license to the Gettysburg FCC office at least thirty days prior to the exam. Examiners are responsible for every copy of the examination. Further details can be obtained from the Club and Training Department, ARRL.

Official Bulletin Nr 622 December 9 1976. To all Radio Amateurs: A temporary agreement between south Korea and the United States has been effected to permit the handling of third party traffic during the holiday season. United States amateur licensees may conduct third party traffic with amateur stations using the call sign prefix HL9 beginning 1500 UTC on December 21 1976 and ending 1500 UTC January 5 1977.

Simulated Emergency Test: This year, the S E T is scheduled for Saturday February 5th in order to coordinate North County activity with the rest of the San Diego Section. More details in next months SCOPE. Our portion of the S E T will depend on the availability of WR6AII which hopefully will be in service by the time you read this. However, on the weekend of January 29/30 Phase One of the S E T will be in operation in San Diego County. Stay tuned to 3925 plus or minus at 0845 on Sundays or 146.73 (hopefully) for further details.

\* \* \* \*

Thank you Frank. No input yet from the Repeater Committee. The number of variable is a bit confusing. The #1 Delay item is non-delivery of the long ago ordered cavities. Possible #2 item might be where to put it all. Possible #3 is fast approaching foul winter weather.

\* \* \* \*

HOSPITALITY NOTES: Roy Maxson W6DEY

If you missed the Palomar Amateur Radio Club Party this year you should give yourself a good kick. The punch was super. The goodies were out of this world and the gifts were very generous. Bob, WA6KZN and Bill, WA6AEZ and their YF's did a very excellent job in seeing that all went smoothly from the kitchen. Margaret, YF of Frank, W6PZU gave us some Xmas music on the piano. Numerous yak sessions sprang up, which could be referred to as Eyeball QSO's. Our SCM and fellow Club member Art Smith, W6INI was there with his YF and I am sure a good time was enjoyed by all.

Most of the North County YL Club members are also members of the PARC. Their Xmas Party was held on Dec. 4th at the Valley Fort Restaurant in Fallbrook. They were kind enough to ask the OM's to join them in having an excellent luncheon. Roast Beef and all.

As Hospitality Chairman for the PARC my New Years resolution is to try to do a better job in making visiting and newly licensed amateurs welcome to our club meetings. Introductions are not enough, it is up to us the members to see that these people must feel that they are wanted, and they will be furnished with the proper information as to who to contact for membership and our aims, purposes and the history of our organization. This material is being revised and will be available shortly. Lots of help is needed to accomplish this purpose and you as members Please assist us in this effort.

\* \* \* \*

Thank you Roy. Other committee chairpersons (!) take note. The membership needs some evidence of movement to keep interested in what is going on. You have what they want. Let us put it all together in the SCOPE. This is your Editor's first attempt at something like this. It is challenge to which I am prepared to give all and more of the time and dedication needed. The first couple issues might be borderline controversial, sorry about that, but bear with it. Together we can elevate the SCOPE to the stature of perusing instead of just subscribing to.

\* \* \* \*  
Submitted by Publications Chairman, WB6EOT Verl Thornsberry:

Our club thanks Russ Krebs, W6HZJ, in the Valley Oaks Mobile Home Park for permitting us to enjoy their fine clubhouse facilities each year to hold our Annual Xmas parties. Just tremendous! Again a good time was had by all.

\* \* \* \* \*

From Treasurer, Jim Church K6SLA:

EX-Members/ New Members Joining in December: Jack Reynolds, WB6OJF. Ernie Erwin, W6KQY. Bill Dealy, Jr. WB6OJJ. Jacques Wibier, WB6ZRP. Chuck Inskeep, W6IRM. Chuck is already a member but he couldn't wait until Aug 1, 1977 so he sent in his dues now!

SCOPE Renewals and Newals: Chet Lee, WA6YME. Jack Reynolds, WB6OJF. Clint Pullen, WB6SLY. Ernie Erwin, W6KQY. Bill Dealy, Jr. WB6OJJ. Ted Kelso, W6POQ.

Badges Ready: WB6JVS \$4.00. WA6CFY \$4.00. WA6TDE PAID. K6GJD \$4.00. W6FAY PAID. WA6TIJ PAID. WB6ILQ \$4.00.

Life Members: Unchanged from the five listed earlier.

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FOR SALE: For Sure this time! Palomar Amateur Radio Club six (6) Repeater Cavities for 2 meter Duplex operation. Will dicker. Call Phil K6ROR, 724-0098

FOR SALE: WB6PFO has a 3 section Tries crankup 54' tower, complete with Ham-M Rotator and a Mosely TA-33 beam. \$250 takes all. Also, Shed-portable wood, pitched roof shingled 8' X 8' X 6' can be dismantled with a screw driver. The 4x4 window alone is worth the asking price of \$50. Also, some antique gear which includes an Atwater Kent breadboard model 55; a Delco console in mint condition. Halicrafters DX44 crystal control transmitter. Aluminum 6'x6'x6' shed \$50. Gene, WB6PFO 1241 Elm Ave. Carlsbad 729-2263. Much more too numerous to list.

FOR SALE: 100 wpm "Mouse" Model 28 KSR, \$200. 60 wpm Model 28 KSR, \$100. RCA CSU-15 450 mhz xcvr w/xtals for PRC 450 mhz repeater, \$75. RCA Carfone 150 2M FM base station w/xtals for NavMarCorMars, \$75. Solid State RTTY convertor w/1" scope for tuning, auto-start, built in AFSK and FSK outputs, \$100. Collins R-390 digital dial general coverage receiver w/manual, \$250. Collins 51J-4 general coverage receiver w/cabinet, manual and product detector, \$450. Call Ralph, K6HAV at 499-2921

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Publicity: If you can not make news - find some. Put it all together and give to Jane Rice, WA6OZS, Chief of the PARC Publicity Department.

\* \* \* \* \*

Consitution re-write: Proceeding cautiously!

\* \* \* \* \*

K6ZB, Felix is the proud owner of a new Triton IV and its companion 262G power unit, the CW filter, noise blanker and the Model 244 Digital Readout. The 244 may be used as an ordinary counter to frequencies at least 22Mhz. Fully solid state with inputs up to 200 watts on all bands and instant QSK the Triton IV has no equal for the best CW unit available. Some difficulty with RF feeding into the Vox unit will be cured by the factory. Provisions for use of a separate receiving antenna will accomodate a planned loop antenna, made necessary by the very high QRN.

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That is it 'till next time

To all who have read these pages may the Good Lord Bless with good health.



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"SCOPE"

Published monthly by  
Palomar Amateur Radio Club  
2333 Maelee Dr. PO Box 1603  
Vista, Ca. 92083  
Subscription: \$ 2.25 yr.  
Vol.XII, No. 1

2nd Class Postage Paid  
Vista, Ca. 92083

RALPH CROSSMAN  
KSHAV  
PO BOX 7  
SOUTH LAGUNA CA 92677

5/77



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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 precedence 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

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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.

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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 Alvarado 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, WB6IQO, 1575 Oak Dr. Apt. C-6, Vista Ca. 92083 726-2243  
Curt's YF is Evelyn, WB6IQP, 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.

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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 Monterrey 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 equalch 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 volunteered 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!

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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.

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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.

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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!

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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 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.

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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.

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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 Battalion, 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 Sahara 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 with idle chit-chat of the conventioners 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.

For better or worse: Here's the latest (?) runoff of PARC membership roster.

WA6ACL BOB	WA6AEZ BILL	W6AQP RAY	WB6AUK LOUISE
W6BIH OSCAR	WB6BJF CARL	W6BLL JACK	WB6BVH GAYLE
WA6CFY RON	WA6CNI LARRY	WB6CQA LOU	WA6CSI KEITH
W6CWK VENDY	W6DEY MAX	WB6DFT MARNIE	WA6DGZ MARY
K6DKR AL	WA6EJL PAUL	K6EJO GENE	WB6EJO CHARLES
WB6EOO CATHEY	WB6EOT VERL	WA6EYJ JAMES	WA6EYX ED
W6EZ DICK	WA6EZI HELEN	W6FAY JAY	W6FET HERB
WB6FJD DAN	W9FQN STAN	W6FVB RUSS	W2FWV WILL
W6FYC WALT	K6GJD BILL	WA6GLH BILL	K6HAV RALPH
WB6HDT BOB	K6HE JIM	WB6HFE FRANK	WB6HMY JOE
W6HON ROLLY	WA6HPP FRANK	WA6HQM DAVE	WB6HSZ JOHN
WB6HTS CRAIG	WA6HUG TONY	W6HZJ RUSS	W6IDT WILL
K6IE GENE	WB6IFH HOD	WB6IHP ANDY	K6II ED
W6IJH DOLLY	W6INI ART	WB6IPJ BOB	W6IPP JIM
W6IRM CHUCK	W6IXC MEL	WB6IXQ CLEM	WA6JCG BOB
W76JDT GENE	W6JRQ WALT	W6JSL LES	WB6JVS HARRY
WA6KAR BOB	W6KBD HERB	WA6KEY FRED	W6KGC LYLE
W6KQY ERNIE	WA6KZN BOB	WB6LEH JIM	K6LE CY
K6LKQ LARRY	W5LT TOM	K6MC TONY	W6MIR FRANK
WA6NGZ JACK	WB6NIJ DAVE	WA6NNC BOB	K6NS MARTY
K6NZ PAUL	W6NZX BOB	W6ODG AUBREY	WB6OJF JACK
WA6OFK EARL	WB6OFX SCOTT	WA6OJD HERB	WB6OJI JOHN
WB6OJJ BILL	W6ONM LEL	W6OZF FRED	WA6OZS JANE
WB6OZT BOB	WB6PFO GENE	W6PJU MILDRED	W6PMZ GLENN
W6POQ TED	WA6POO FANNY	WB6PPB RAY	WB6PPL JIM
WA6PNY BILL	W6PZU FRANK	WA6QBO DICK	W6QF BOB
W6QP JACK	W6QWH WOODY	W6RGI ALLEN	K6ROR PHIL
W5RQK LIL	K6RY DOC	W6SCI WALT	WA6SCV DICK
K6SLA JIM	WB6SLY CLINT	WB6SML JOHN	W6SMP JACK
WA6SND BOB	WA6SVN HERB	K6SX RAY	W6TCI HARRY
WA6TDE JOHN	W6TFB LLOYD	W6US HOWARD	W6VTV BILL
WB6VYC BURR	WA6VYD BURR SR.	K6WK ZANE	WB6WQI ED
WA6WVX RON	WA6YCA PAUL	W6YCP BUD	WA6YME CHET
K6ZB FELIX	WB6ZRP JACK	W6ZZ GEORGE	W6ODJ Aubrey

WA6YCA Paul

Remember Civil Defense? Office of Emergency Services - OES - is the new title for it now encompasses a great deal more that Civil Defense was not set up to do. The RACES "RADIO AMATEUR CIVIL EMERGENCY SERVICES" too has been changed. Previously one amateur license such as K6JCC was used and this call followed by a number distinguished each unit. The frequencies used for the FM Repeater on 2 meters were not coordinated with others. Now each unit has a separate license and call and the repeater has been changed to standard spacing and operates on 147.795 IN and 147.195 OUT each Monday Eve at 7:30 to 8:00 PM. The apathy shown by amateurs to perform public services has forced the OES to recruit its operators from the Citizens Radio Service with at least one amateur being present to legalize the operation. While a number of amateurs deplore CR's being involved in emergency communications, these same individuals only give lip service and the rest of the body doesn't get involved. When a disaster occurs only those persons who are trained and have participated in drills simulating emergencies are of use to local political entities and the public.

The San Diego County Emergency Services Organization is presently conducting a RACES recruitment program and all Hams wishing info are urged to contact OES at 448-4611 or write for pamphlet and registration card for club meetings to 7939 John Towers Ave., Santee Ca. 92071.

We, W6DEY and others, are working on a project which would tie in the CRS REACT group with RACES and the ARPSC. REACT operators can do an excellent job in short range or local communications and the amateurs can tie in with longer range communications. We need amateurs with CRS equipment who will assist in this project.

\* \* \* Simulated Emergency Test: 1977 \* \* \*

The S.E.T. is an ARRL sponsored exercise held annually and nationwide to demonstrate and document the Amateur's capability in establishing and maintaining communications under emergency and adverse conditions. We in North County will be called up on 13-73 by Bill WA6AEZ on Saturday Feb. 5th., following your lunch break after the Flea Market activities in the morning. BE THERE. Mobile operation is preferred. Between now and February 5th please become familiar with the procedure for composing messages in standard form. For those who may need help, we will have a short session on message format at the PARC meeting of February 2nd. The simulation will be an earthquake. We will key our communications to assistance for the Red Cross. (W6PZU)

OB #624 From ARRL Hq: FCC announces suspension all radio license fees effective 1 Jan. 1977

OB #625 Reports death of George Bailey, W2KH Dec. 19th 1976. Article followup in later QST.

OB #626 Details AMSAT QRP Tests for OSCARS 6 & 7.

OB #627 Details OB #625. Send no money for any business with the FCC. No charge for new, renew or modification, or two letter call or specific call or any similiar amateur license matter.

February 2nd. Ground Hog Day. PARC General Membership Meeting @ Glendale Fed Savings & Loans Vista  
February 5th. PARC Flea Mart at Swan Electronics Corp parking area 0900-1300  
February 5th. Simulated Emergency Test 1977. 13/73 Call-up about 1200-1300

FIELD DAY Already! Why that is about four PARC meetings away! Needed is input on possible sites. Something within reasonable distance of Tri-City area, fair elevation and accessible. Pass the word sooner! Takes time to check them out.



\* \* \*  
FORSALE: HT-18 Hi-Gain Tower 80-through-10 no-trap vertical. Down and ready \$ 100.00. Call  
Dick Lee 727-4021 for finer details. (If I didn't have one already I'd grab this bargain Ed.K6ZB)  
\* \* \*

See me before buying. - Desk Top Linear 11"/9"/8" Separate PS Solid State 3000V 1A. with TWO  
3-500-Z extra tubes. \$ 575.00 Will W2FWV 436-3277

Ball mount with quick connect Hustler Fold -- Antenna with 10-11-15-20-40 and 80 resonators  
in top condition. \$ 60.00 firm. W2FWV

\* \* \*  
FORSALE: Heathkit Model SB-313 Solid State SWL Receiver with Speaker and books. New, selling  
only because of recent death in family. Price \$ 399.95. Call Phil K6ROR 724-0098  
\* \* \*

FORSALE: Complete Heathkit station comprised of SB-301 Receiver with SB-600 speaker and HD-15  
Phone patch; SB-401 Transmitter with matching model 638 Microphone; SB-200 Linear. Includes all  
connecting cables and manuals. Almost new condition. \$ 750.00 for all or will consider selling  
units individually. Dave WA6HQM 753-2605  
\* \* \*

\* \* \*  
Simulated Emergency Test: 1977  
\* \* \*

The S.E.T. is an ARRL sponsored exercise held annually and nationwide to demonstrate and document  
the amateur's capability in establishing and maintaining communications under emergency and ad-  
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BE THERE. Mobile operation is preferred. Between now and February 5th please become familiar with  
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a short session on message format at the PARC meeting of February 2nd.

The simulation will be an earthquake. We will key our communications to assistance for the  
Red Cross.

-----  
Publicity Chairwoman Jane Rice WA6OZS recovering from surgery at the Naval Hospital Camp Pendleton  
forwarded the following via husband Bob, WB6OZT. "If you chance to run across a copy of Rancho Calif  
News be sure to check it for one of Vendy Johnson's top quality articles. Vendy rites about radio  
in general, Ham radio in particular, and astronomy (his other hobby) on a fairly regular basis.  
Vendy is busy explaining that CB is not ham radio and that astrology is not astronomy. Educating  
the general public is a high calling, wrought with frustrations. Huh Vendy?"  
Jane will probably be coming home about the time the SCOPE hits the road. From all, a speedy  
recovery.

(Editors note: 1969-70 Amateur Radio Directory lists W6ZWF, Vendit L. Johnson. Understand The  
call is now W6CWKQ YF's call is WA6KKQ, Genevieve)  
-----

If you'r needing something relating to our mutual hobby and you have to go to San Diego, could  
be you'd save yourselves a lot of time and money if your first stop was Gary Radio. Convenient  
to get to from North County at 8199 Clairemont Mesa Blvd.  
-----

Palomar Amateur Radio Club

ELECTED OFFICERS

President  
WA6KZN Bob Heitger 729-4504  
Vice President  
WA6WVX Ron Earl 566-1959  
Treasurer  
K6SLA Jim Church 726-3321  
Secretary  
WA6AEZ Bill Countryman - -

SERVING BY APPOINTMENT

"SCOPE" Editor  
K6ZB Felix Ferranto 724-4772

The Palomar Amateur Radio Club (PARC) General Membership  
meeting is held the FIRST WEDNESDAY of every month.

Next meeting is 2 February, Wednesday, at the Glendale  
Federal Savings & Loans, corner of E. Vista Way and  
Anza Avenue in the City of Vista. - 7:00 PM -

Visitors are welcome.

"SCOPE" is published monthly by the PARC as a Newsletter  
for and by its members. Input is sought and desired.  
Material must be in hands of the EDITOR not later than  
20th of month preceeding publication. The right to edit  
with respect to suitability and style is reserved.

The PARC sponsors a Flea Mart, weather permitting, the  
FIRST Saturday of each month between the hours of 0900  
and 1300, in the parking area of SWAN ELECTRONICS CORP.,  
305 Airport Road, Oceanside.

The Palomar Amateur Radio Club operates an open repeater atop Palomar mountain for service to  
the North San Diego County area with the FCC licensed call WR6AII on 146.13 IN, 146.73 OUT.

"SCOPE"

Published monthly by  
Palomar Amateur Radio Club  
2333 Maelee Dr., PO Box 1603  
Vista, Ca. 92083  
Subscription: \$ 2.25 yr.  
Vol. XII, No. 2 February 1977

2nd Class Postage paid  
at Vista, CA 92083

RALPH CROSSMAN  
K6HAV 5/77  
PO BOX 7  
SOUTH LAGUNA CA 92677

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  
TREASURER: 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 TREASURER 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 Treasury 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 Saturday, 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 WIAW 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 authorized 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 grid-dipper, .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 tubes) 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-gained 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, WB6IQO; 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, radios, 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, K6SLA; 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, wowland!

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

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CARLSBAD CA 92008

2/78



NORTHERN SAN DIEGO COUNTY

W6NWX  
**SCOPE**  
WR6AII

Vol. XII, No. 4



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

APRIL, 1977

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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 \$\$\$.

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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 TREASURER. 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 and procure 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 TREASURER says please to remember that the price of a SCOPE subscription is now \$2.50.

Honorable OFFICIAL TREASURER 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

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2/78

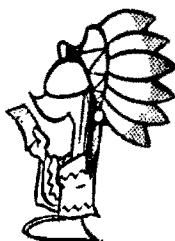




NORTHERN SAN DIEGO COUNTY

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, K6\$LA, VISTA  
\* \* \* \* \*

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 unanimous 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 accurate 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 you 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 Treasurer. See K6\$LA at the next dog fight or other club function and slip him an outrageous amount of \$\$\$\$ for which he will leap 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.

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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 party 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 NEWINGTON CT  
APRIL 7 1977 TO ALL RADIO AMATEURS BT

The completely 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!



# 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.

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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.

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 Wand-schneider, WA6SVN; Bill Parrish, WA6VKK; Keith Cordrey, WA6CSI; Bill Car-ver, K6OLG; Bob Wurzburg, WA6KAR; John Traynor, WA1VWH; Pappy & Micky Jen-kins, 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 Jen-kins 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 computer has a chance to catch up.

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

The following folks have volunteered their services to provide communica-tions 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

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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, K6\$LA, VISTA  
\* \* \* \* \*

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 Treasurer. If you decide to go the "lifer" route, direct liaison with the AR<sup>2</sup>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 Tuppany, W6BIH; Bob Findlay, W6NZX; Burr<sup>2</sup> Chambless, WA6VYD & WB6VYC; Bob Coup, W6BXJ; Ed Way, WA6EYX; Dick Wagner, WA6SCV; Jim & Ray Church, K6SLA & 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!

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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.

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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.

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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.

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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 the 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

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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.

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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!

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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.

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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  
CARLSBAD CA 92008

2/78

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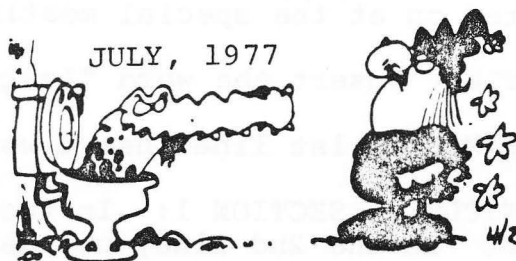
W6NWG  
WR6AII

# SCOPE

Vol. XII, No. 7

JULY, 1977

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



Reenlist early and often - afterall, the SCOPE only costs \$2.50 a year. And look what you get for your \$\$\$ - YECH! Slip the loot to above listed Treasurer at any Club function, tar and feathering, or what have you. Anyway, sign up or else!

\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$  
Membership in the PALOMAR AMATEUR RADIO CLUB can be had - for a price. See honorable Treasurer - with loot in hand. See also proposed amendments to Constitution and By-laws probably published elsewhere in this thing.

+ + + + + + + + + + + + + + +  
Having mentioned membership, if you're like the handle on the pot - on it, but not in it - where the American Radio Relay League is concerned, whyn't cha join up. All it takes is money. If you decide to enlist or reenlist in the AR<sup>2</sup>L, do so via the Club. That way, the Club will get a dollar of the money which would otherwise go to the League of American Radio Relayers and it won't cost you one ¢ more. This will certainly keep Jas. A. Church happy. Make checks payable to the Palomar Amateur Radio Club and get them to Jim along with renewal notice and QST mailing label if you're reenlisting. \$12 for one year \$23 for two, \$33 for three, \$43 for four, and \$53 for five years. No matter what, the Club only gets a scrawny, over-stretched \$1, so reenlist often and go broke while the Club prospers. Don't bother Jas. A. with the lifer loot as the folks in Newington (CT 06111, that is) won't give the Club a red, white, and blue sou - so there. Had enough? Good!

¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢  
The July meeting of the Palomar Amateur Radio Club will, without fail, perhaps take place on Wednesday the 6th (of July doubtlessly) at 7:30 post meridian in the Vista branch of Glendale Federal Savings and Loan at the corner of Anza Way and Vista Way in downtown Veesta. Why not come out and see what's on the agenda in addition to the proposed amendment to the Constitution and By-laws and listening to all the lies and excuses about the Club's annual bout with Murphy - Field Day.

# # # # # # # # # # # # # # #  
Flee to the July Flea Market - the Palomar Amateur Radio Club-Swan Electronics Flea mart in the Swan Electronics Parking Lot on Airport Road in downtown Oceanburg (CA 92054). 'twill be held starting at pretty early on Saturday the 2nd until completion on the same day (we'd like it to start at 9:00 of the clock or so but early birds have been getting there before that. Come out and see if WA6\$CV has reduced the price of his \$-Line(s) or is still looking for a sucker. Space in the parking lot is for sellers only, please. Come out and bring your loved ones - or your wife and kids.

/ / / / / / / / / / / / / / /  
Don't forget the Club's participation in the ARRL annual Field Day contest to be held 25-26 June at the Boy Scout camp at Las Pulgas Canyon. If you have forgotten it, it's too late. Sorry about that.

-----  
The Palomar Amateur Radio Club's annual picnic will take place on Sunday, August 14 from 9:30 (morning) until 2:00 (afternoon) in Live Oak Park on the outskirts of the friendly little village of Fallbrook (CA 92028). Tickets for a B&K digital multimeter with D.C. power supply, charger and deluxe carrying case will be sold at the picnic and at Club functions prior thereto (whatever that means). Other prizes too humorous to mention will be announced subsequently. As usual, a dandy time will be had by all of the winners. The losers will say: "Shut up and deal the @#%& cards!"

\* \* \* \* \*  
Get your OFFICIAL Palomar Amateur Radio Club badge and get the recognition you so richly deserve. See our esteemed Treasurer with your hot little fist loaded with \$\$\$; and Jim'll order your cheapy plastic badge so we all (those of us who can read) can tell who in the blue eyed world you are - and it'll be OFFICIAL. Onward and upward - I guess.

## 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, will be 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 1, 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 2 to read: "The Club shall publish a monthly newsletter 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 3: In line 2, delete the words "except August". In line 4, delete the words "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 the word Palomar.

# # # # # # # # # # # # # # #  
FORESAIL (Don't miss the boat):  
Heathkit 2M 40W amplifier, \$25. Call Terry, WB6RWP, at 758-3740.

Collins 75S3 receiver and lots of misc. electronic gear. Call Jack, K6EQN, at 728-1824.

Clegg 21 220MHz xcvr uses singal xtal per repeater pair, cost \$229.95 new. Will dicker on price (ho, ho, ho!). 3.5 digit LCD Danameter digital VOM, \$175. Call Les, W6JSL, at 726-1313.

Mint Swan 270B, used very little by a little old lady in Pasadena, \$275. Hallicrafters HT-32A 10-80M ssb xmtr, a workhorse for RTTY, \$150. Tentec model KR-20 keyer, new, \$50. Tektronix 513D oscilloscope w/table, \$125. 5th Edition ITT Reference Data for Radio Engineers, \$20 new, will sell for \$12. Call Jack, W6QP, at 724-3218.

Heathkit SB-620 Scanalyzer. Call Joe Clement at 726-5255.

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

WANTED (Chloe!):

FCC type approved (preferably) telephone answering device. Incoming recorder does not need to work. Price must be very reasonable as funds are nearly non-existent. Needed in PARC repeater control system. Contact Walt, W6SCI, on WR6AII or phone at 729-7846 between 0800 and 1400.

PL-172-8295 tube for amplifier. Call Jack, W6QP, at 724-3218.

@ @ @ @ @ @ @ @ @ @ @ @ @ @ @  
Gnu and re-gnued SCOPE subscribers (can you believe folks actually re-subscribing to this thing!): Dan Sheedy, WB6JFD (2 years!); Bill Lindsey, WD6AEE; Chuck Dellner, WA6ZDA; Bill & Louise Evans, WA6GLH & WB6AUK; Ray Hodges, W6AQP; Felix Ferranto, N6IE (2 years!); Jim Risley, WB6LEH; Frank Tipton, WA6HPP; Chuck Inskeep, W6IRM; Howard Shepherd, W6US; Wayne Shirer, W6KEY; Terry Swartz, WB6RWP; Clem Futterer, WB6IXQ; Jack Forbes, W6QP; Fred Spiegel, WA6KEY; Floyd & Van Harvey, W6JSP & WB6BHE; and Bob Watrous, WB6YIH.

NEW AND USED PARC MEMBERS: Bill Lindsay, WA6AEE; Chuck Inskeep, W6IRM; Frank Tipton, WA6HPP; John Kuivinen, WB6IQS; Wayne Shirer, W6KEY; Terry Swartz, WB6RWP; Clem Futterer, WB6IXQ; Fred Spiegel, WA6KEY; Bob Watrous, WB6YIH; and Jack Forbes, W6QP (cleanest carpets in town).

ALREADY SIGNED UP AS PARC MEMBERS FOR 1977/78 ARE: Mike Brega, W6AAM; Bill Lindsey, WA6AEE; Keith Cordrey, WA6CSI; Ed Way, WA6EYX; Stan Rohrer, W9FQN; Frank Tipton, WA6HPP; Chuck Inskeep, W6IRM; Clem Futterer, WB6IXQ; Walt Huckabay, W6JRQ; Wayne Shirer, W6KEY; Fred Spiegel, WA6KEY; Jack Forbes, W6QP; Terry Swartz, WB6RWP; Dick Wagner, WA6SCV; John Horgan, WB6SML; Herb Wandschneider, WA6SVN; Pappy Jenkins, WB6UYA; Micky Jenkins, WA6WQI; Chet Lee, WA6YME (also 78/79); Sam Howes, WA6YJC; Bob Watrous, WB6YIH; and Bob Golden, WB6YVT. Jim says he's sure glad to get some of the folks reenlisting early to avoid the big rush on August 1. The more the merrier.

REPEATER:

The Club has ordered a nice, new, solid state Motorola repeater; and made a substantial down payment on it. Delivery is expected in late June to mid July, at which time the Club will have to cough up the balance or pay consequent finance charges. Each SCOPE subscriber has received a letter asking for support in the form of donations of \$\$\$ or equipment to be sold by the Club at the Flea Mart. K6\$LA says that the early response has been good, but that a batch more is needed. The new repeater will cost just under \$3K!

In addition to \$\$\$ donations received and pledged GARY RADIO has donated a Yaesu F-2 automatic 144-146mHz, 146-148mHz transceiver with scanning and guard channel features, 1-10 watts and a built in AC/DC power supply. WESTCOM ENGINEERING has donated a pair of 2M solid state amplifiers. Tickets for all three are available at club meetings and flea markets. The names of the lucky winners will be drawn at some later meeting(s). We all owe GARY and WESTCOM a vote of thanks and our support - they sure help us!

As previously note under WANTED, W6SCI needs a telephone answering device to fit into the repeater control system. Call him if you can help.

Bob, W6NZX, asked to be relieved of his appointment as Repeater Committee Chairman. Our Fearless Leader, WA6KZN, complied and appointed Walt, W6SCI, in his stead. Bob, W6NZX, continues as Repeater Engineer; and deserves the thanks of the Club for his stint as Chairman.

The Standard repeater came back from Standard with a new transmitter strip installed. Bob, W6NZX, put it on the air where it immediately went into its customary tizzy. To make it work until the Motorola arrives, Bob has had to "numb" the receiver so that the desensitization problem is reduced enough to permit it to function. It's still on the air from K6GJD's QTH, from where it can be heard over a goodly area, but cannot be worked except by very strong signals due to the numb receiver. I can hear it in Dana Point, but can't work it with 40 watts with reliability.

John, WB6HSZ, reports that the repeater building now has a roof. He and K6\$LA plan to wire the building over the weekend of 25-26 June. Looks like that leaves the antenna installation to go and it should be ready for the new machine. Sure will be nice to have it back in operation from the mountain top where we should be able to work it as well or better than before.



JUNE CLUB MEETING: No business meeting could be conducted since only two of the required three elected officers were present. The Constitution requires that three elected officers and a minimum of 25% of the members on the rolls be present at any business meeting. The program of the evening was the movie "Red Flag Alert" introduced by Captain Steve Robertson of the State Forestry Department. W6INI, Art Smith, our Section Communications Manager assisted and told how our Amateur Emergency Corps ties into the Red Flag Alert system. Jack, W6BLL, reported on the 2M support of the May 22nd bicycle race at Camp Pendleton. Successful support was provided even though the repeater was off the air during that time. W6KGC, Lyle reported on the SANDARC meeting which he attended with Paul, WA6EJL, and WA6KZN. W6SCI informed the membership of the purchase of the Motorola repeater. WA6EJL reported on Field Day Plans. W6INI reported on the status of the bill on call letter license plates. WA6KZN said that Clem Futterer, WB6IXQ, is now the Membership Chairman (formerly Hospitality Chairman), relieving Roy Maxson, who had resigned. It was agreed to thank Max for the tireless hours that he has donated to the Club. Dick, WA6SCV, was given a big hand for taking over the refreshment job until Marnie, WB6DFT, returns from sea duty in January. WA6HQM, Dave Copley, will be the Prize Committee Chairman for the next few months until the return of WA6SVN, Herb. W6NZX resigned as Repeater Committee Chairman; and was replaced by W6SCI. Bob to stay on as Repeater Engineer. A grand time was had by all - or almost all.

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ARRL BULLETINS OF INTEREST (No doubt):

OFFICIAL BULLETIN NR 649 FROM ARRL HEADQUARTERS NEWINGTON CT JUNE 2 1977  
TO ALL RADIO AMATEURS BT

FCC has announced that effective June 12 the minimum age for volunteer examiners has been lowered from 21 to 18 years. AR

OFFICIAL BULLETIN NR 650 FROM ARRL HEADQUARTERS NEWINGTON CT JUNE 2 1977  
TO ALL RADIO AMATEURS BT

California has 68 repeaters on 220 MHz alone. With the all new 1977-1978 ARRL Repeater Directory you can get information on those and over 3000 other W/VE systems arranged by band from 10 meters to above 23 centimeters. This free membership service will be available in mid-June. For your copy send ARRL an addressed envelope at least six by nine inches, with 46 cents postage for first class return or 28 cents for third class delivery. AR

OFFICIAL BULLETIN NR 651 FROM ARRL HEADQUARTERS NEWINGTON CT JUNE 3 1977  
TO ALL RADIO AMATEURS BT

The FCC has modified its First Report and Order in Docket 20777 concerning the purity of emissions in the amateur service. The earlier rules became effective April 15 and required, among other things, that the mean power of spurious emissions below 30 MHz from an amateur transmitter or external amplifier be attenuated at least 40 dB below the mean power of the fundamental without exceeding 50 milliwatts, and that spurious emissions between 30 and 235 MHz be attenuated at least 60 dB below the mean power of the fundamental. Full details appeared on page 63 May 1977 QST. Under the new modified rules, existing transmitters and transceivers now owned by amateurs are exempt from the above standards of spurious attenuation. The exemption does not apply to external amplifiers. In addition, transmitters and transceivers manufactured prior to April 15, 1977 and currently in the hands of transporters or dealers or other middlemen may continue to be sold until January 1, 1978. However, after January 1, 1978, all commercially manufactured amateur equipment must meet the above standards before sale. Details of the modified rules will appear in August 1977 QST. AR

OFFICIAL BULLETIN NR 652 FROM ARRL HEADQUARTERS NEWINGTON CT JUNE 9 1977  
TO ALL RADIO AMATEURS BT

The ARRL Board of Directors meets twice yearly to formulate the course of ARRL affairs. The second meeting of 1977 takes place July 21. ARRL full members elect the board which has the overall responsibility for managing the affairs of the League. This democratic process is effective only to the extent that the membership participates. Now is the time for members and affiliated clubs to communicate with their division director at the address shown on page 8 of any 1977 QST. AR

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The Palomar Amateur Radio Club wishes to thank Roy Maxson, W6DEY, for his devoted efforts in support of club activities and amateur radio. Thanks, Max.  
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FROM YOUR EMERGENCY COORDINATOR:

We have something for you, especially if you are retired, can operate on 40M SSB in the daytime, have friends or relatives anywhere in U.S. and Canada, or have friends who have relatives there. Did you ever think of the satisfaction one gets at the other end when a local ham in Podunk, IA calls your mother-in-law and says he has birthday (or anniversary) greetings from someone in CA? It works, and works fast, beats the Postal Service for time and cost much less than 13¢.

What works? The National Traffic System does. Our portion of the system currently meets on 7275 kHz at 12:30 P.M. (19:30 Z). This is called the Daytime Region Six Net. It receives westbound traffic to CA and NV, and accepts traffic for delivery to anywhere in the system, including Podunk.

Let your non-ham friends know that this service is available. The daytime net would welcome your participation. You can get good exposure to net procedure and you will get the satisfaction of improving the public image of amateur radio, to say nothing of the training you get for emergencies.

For you hard working unretired folks, there is a slow speed SoCal CW net at 10-15 wpm at 3600 kHz at 8:30 P.M. which is also part of the NTS. Listen for a while, then step in and get your feet wet. It feels good.

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DOWN THE TOOBE:

Thanks to WA6KZN, N6AT, W6SCI, WB6IXQ, K6\$LA, and W6DEY for providing input for the SCOPE. Sorry we got Max's too late for last month's. Thanks also to all those good folks who help maintain accurate mailing lists, expiration dates; and help fold, spindle and mutilate in accordance with the very latest requirements of the Postal Service.

Speaking of the Postal Service, the June SCOPE took nine days to go the 40 miles from Vista to South Laguna! Wonder if they ever get in far away places?

K6ROR's brother-in-law, Terry Swartz, WB6RWP, has retired from the Navy (transferred into the Fleet Reserve); and is now living in Vista. During Terry's last tour of Stateside duty, he served as Director of the 11th Naval District MARS program. Terry is back from what must have been a three year tour of duty in Japan. He and his XYL Lenore brought back one more than they took out to Japan, adding a son, Philip Renee, born in Nihon. We haven't seen Lenore since she got back but have seen Terry and visited his well-equipped shack (HF, VHF, UHF, and RTTY). Like a good ham, Terry had the antennas up before the unpacking was completed. Welcome back Terry and Lenore. Late reports are that Terry will go to work for Atlas. Probably going to relieve a woman for active duty or something.....

Speaking of new additions, Hod, WB6IFH, has added a new granddaughter and a "new" 1969 pickup truck to the family. Get a horse.

Paul, WA6EJL, just couldn't stand all of this and got a new fox and a new car - and they're one and the same and Audi Fox. Waytago!

Fred Spiegel, WA6KEY, is the new Ways and Means Committee Chairman, and is busy collecting for the new repeater. Let's give him a hand - with the means in it.

Jane Rice, WA6OZS, has been doing her usual magnificent job of getting the information of the Club's activities in the Vista Press and Blade Tribune. This really pays off since it gets the amateur service sorely needed publicity. Thanks a batch, Jane, we really do appreciate it.

Clem, WB6IXQ, our new Membership Committee Chairman, is putting out a nice information sheet to new and prospective members.

W6SCI sez: Do your spring house cleaning early. Help your XYL, yourself, and the Club!! Pull out all that JUNQUE that has been too good to throw away but not good enough to keep any longer. Bring it or send it to the July Flea Mart to the Club Table so it can be converted to cash to be used to help the repeater fund. Every litter bit helps - dogs, furniture, tools, radio gear, anything but kids gratefully accepted.

John, WB6HSZ, says that the roof is on the repeater building and it can rain anytime it wants to now.

W6NZX and WB6RWP are both now up on the 450 mHz repeater, which WA6KZN says "is now operating from its proper place." That's funny, Bob, I didn't see it on Phil's bench when I was by earlier in the week.

Max, W6DEY, reports that former PARC member Al Robinson, W6YM, died in Porterville, CA after a severe heart attack May 17. Max also reports the passing of another long-time friend Larry Collins, W6VAD, the "Old Gentleman of the Hill", near Irvine Park on Santiago Rd.

"That's all", she wrote.

GET IT AT GARY RADIO OR WESTCOM - THEY SUPPORT US, LET'S GIVE THEM OUR PATRONAGE!

WB6IXQ has PARC membership rosters available for the asking at the club meeting.

#### "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. 7 July 1977  
P.O. Pub. #076530

2nd Class Postage paid  
at Vista, CA 92083



W6NWG  
WR6AII  
**SCOPE**



Vol. XII, No. 8

AUGUST, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD  
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO  
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE  
TREASURER: JIM CHURCH, K6SLA, VISTA

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 Treasurer 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.

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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!  
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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 Tuppany, 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!

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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.

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FROM THE SIZZLING TYPEWRITER OF YOUR EMERGENCY COORDINATOR, FRANK CASSEN, N6AT: RED FLAG ALERT was the subject presented during recent PARC meetings, with 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 preparedness, 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 lengthened 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.

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DOWN THE TOOBE:

Oscar Tuppany, 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 element 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 under-handed 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"

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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

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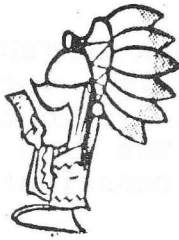
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NORTHERN SAN DIEGO COUNTY

W6NWG  
WR6AII  
**SCOPE**

VOL. XII, NO. 9



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

SEPTEMBER, 1977

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

---

Get the SCOPE with regularity (No, you don't need Allbran or somesuch). Just send \$2.50 to the TREASURER and he'll fix you up - with the SCOPE, that is. Howsomever, if you are too new to know better, just join the PALOMAR AMATEUR RADIO CLUB and get the SCOPE for the same low price - about \$7.50 or so. To the greater majority of you who can't read and go ahead willynilly and flat out reenlist in the SCOPE there's little hope, so go right ahead. If that's not confusing enough, our TREASURER reminds me that all new club members automatically get the SCOPE, but that the SCOPE may still be subscribed to independently of membership, whichever comes first - or second.

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As previously hinted, membership in the PALOMAR AMATEUR RADIO CLUB may be had for the nominal sum of \$7.50 by mail or in fearsome face-to-face confrontation with Hon. Jas. A. Church at meeting flea mart or other club function. Have at it.

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EXTRA! EXTRA! EXTRA! Late word from HEADquarters - ARRL head-QUARTERS, that is. The Club will now get \$1.50 of your dough when you enlist or reenlist in the American Radio Relay League instead of the low, low former rake off of \$1. Hurry, hurry, hurry. Ship over early and often in the aforesaid League of Relaying American Radios so that the Club will get rich while you go broke. It won't cost you any more to enlist via the Club and the Club will get that \$1.50 which would otherwise go to Newington (not Oldington), CT 06111, that is. Get your QST mailing label and renewal card and \$\$\$ to previously described TREASURER; and he'll take care of it from there. \$12 for one year, \$23 for two, \$33 for three, \$43 for four, and \$53 for five years. If you decide to ship over for life in the A2RL, don't bother the TREASURER with your problems since we still don't even get a sniff of the \$ 2 4 0 lifer membership dues. (How about it, Headquarters, slip us 25 cents and we'll tout a batch of our fellow geriatrics onto the life membership route!).

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The September meeting of the PALOMAR AMATEUR RADIO CLUB will take place without fail, probably at 7:30 of the p.m. on Wednesday, the 7th in the World Assembly Hall of the Vista Branch of Glendale Federal Savings & Loan at the corner of Anza and East Vista Way in cosmopolitan Veesta. Since we've run out of changes to the constitution and by-laws, don't know what the program will be, but Ron, WA6WVX, hasn't let us down yet, so come out and take one of our wheelchair commando's parking place - it's so exciting watching them cross Vista Way against the light at dusk.

---

The September PALOMAR AMATEUR RADIO CLUB Flea Market will be held from dawn's early light 'til death do us part (around 0800-1200) on Saturday, the 3rd (of September, maybe?) in the SWAN ELECTRONICS parking lot on Airport Road in ever-foggy Oceanside (CA 92054, that is). From the looks of the crowds, it's the largest monthly amateur radio gettogether in the southern California area. The SWAN parking lot and environs are overflowing with sellers; and Airport Road is parked solidly out to Route 76 with buyers. The Club gets a tidy little sum from its table of donated goodies; and from the coffee table where SWAN so kindly donates the coffee and donuts. The club members sure do owe a vote of thanks to WA6SCV, Dick Wagner; WA6VYD, Burr Chambless; and K6PKC, Whit Whitley of SWAN for getting the thing off of the ground in the first place; and for the continued operation of it. SWAN ELECTRONICS deserves the support of all of us who enjoy the flea marts and the benefits the Club derives therefrom. Whatsomever, come on out; bring your gear, your money, your loved ones or your wife and kids. See you there.

---



At the August meeting of the PALOMAR AMATEUR RADIO CLUB, the membership unanimously (with one dissenting voice) voted to adopt the changes to the constitution and by-laws published to the membership at the July meeting and in the August SCOPE. The Club has spoken; and the changes made. Mark up your copies of the constitution and by-laws so that you will have an up-to-date copy.

---

A grand time was had by some at the Annual Picnic. Burr, WA6VYD, won the voltmeter; Gayle, WB6BVH, won the tri-band beam; and Howard, W6US, who certainly needs an antenna, won the vertical (if you haven't seen Howard's antenna farm, you ought to have a look). The winners laughed and told off-color jokes; and the losers said: "Deal the #&%\* cards". I say: "Wait 'til next year."

---

The Club has had a whole batch of prizes donated to the cause of paying for the new Motorola repeater. These prizes will go to the lucky folks who make the necessary donation for the winning ticket(s). The drawing will take place at 10:00 a.m. on Saturday, December 3, 1977, at the PALOMAR AMATEUR RADIO CLUB Flea Market in the SWAN ELECTRONICS parking lot on Airport Road in Oceanside. Tickets are available at all PARC functions. Donations are \$1 per ticket. Prizes will be awarded in the following order: 1.) Antenna transformer (Atlas) 2.) Dummy Load (Atlas) 3.) Dummy Load (Atlas) 4.) 80 W 2M Amplifier (WestCom) 5.) Antenna Transformer (Atlas) 6.) 210X Digital Frequency Counter 7.) Dummy Load (Atlas) 8.) Antenna Transformer (Atlas) 9. MFJ Super Tuner 10.) Antenna Transformer (Atlas) 11.) Dentron Antenna Tuner (Ham Radio Outlet) 12.) Dummy Load (Atlas) 13.) 80 W 2M Amplifier (WestCom) 14.) Patrolman 3 Receiver (Radio Shack) 15.) Dummy Load (Atlas) 16.) Antenna Transformer (Atlas) 17.) Yaesu 2M Transceiver (Gary Radio). The names in parentheses indicate the name of the donor. We sure should support the folks who support us. The Club is also grateful for all the donations, pecuniary (\$\$\$ dum dum) and in equipment and time and effort and real estate. If you haven't gotten your tickets for the big drawing yet, do so post haste. You can certainly support the new repeater thataway. Get with it!

---

Get an OOOOFFICIAL cheapy PALOMAR AMATEUR RADIO CLUB badge and be recognized (as having been ripped off?). If you are looking for an identity, see K6\$LA, our esteemed TREA\$URER, and slip him the dough in large, marked bills; and he'll go to the Cheapy Badge Company and order one just for YOU with your name and call sign (yours, hopefully).

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GNUED AND REGNUED CLUB MEMBERS are: K6APV, A.V. Mobley; W6POQ, Ted Kelso; WA6EYJ, Jim Maloney; N6LT, Tom Marshall (formerly W5LT); W5RQK, Lil Marshall; K6LE, Cy Pemberton; W6SMP, Jack White; W6QWH, Woody Woodhouse; W6US, Howard Shepherd; WB6JDT, Gene Ross; WA6YBC, Curtis Johnson (ex-WB0IQO); WB6IHP, Andy Anderson; WA6ZDA, Chuck Dellner; WB6TKY, Don Nelson; WD6AFJ, Willis Palmer; WA6AEZ, Bill Countryman; K6NS, Marty Cornell; WB6HTS, Craig Chambers; WB6TBA, Bob Gates; WA6HQM, Dave Copley; W6JSL, Les Clark (there goes the neighborhood); WB6BVH, Gayle Lee; WB6BJF, Carl Bassler; N6WB, Glen Bodeker; WA6VYD & WB6VYC, Burr & Burr Jr. Chambless; WA6KAR, Bob Wurzburg; K6RY, Doc Hawkins (2 years); WA6YAC, Leo Benzini; WD6BGB, Len Daugherty; and Ilean Clark.

Sure like that revision of the by-laws that gets me a bunch of suckers readers by hooking the SCOPE subscription to the club membership. Sort of tired of the extortion route, and besides, the supply of low-pollution tar and non-allergenic feathers was getting harder to come by. This time wereally G O T C H A !

---

FORESAIL (What's the ketch, y'awl):

461.55 mHz commercial antenna, \$50. Collins R-390 general coverage rx, rack mount, w/manual, \$250. Call K6ROR, Phil, at 724-0098.

SWAN 1040-V trap vertical w/80M kit, 10-80M, in good condition w/instruction manual, \$65. Call Chuck, WA6ZDA, at 727-4112.

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

SWAN 500C xcvr w/117XC pwr supply, VX-2F Vox, and manual, in xlnt condx, \$375 or make offer. SWAN 270B xcvr w/14A convertor for 12 VDC operation, PTT mike, Hustler 40M mobile antenna w/bumper mount, xlnt condx, \$360 (Hopefully continued elsewhere)

FORESAIL (probably continued from another page)  
or make offer. Call Ray, W6YD, at 726-1405.

HT-32 xmtr, \$125. 75A-4 rx, \$275. RCA AR-77 general coverage rx w/SSB adaptor, \$45. BC-221 freq meter w/ A.C. pwr supply, \$35. LM-18 freq meter w/o calib book, \$15. Two RCA BA 14 audio amps, good for stereo w/hi-lo Z input, spkr Z output, 12 watts undistorted output 30-20kHz + 1 db w/ set spare tubes, \$40. 455 kHz input, 5" panadapter, \$30. All in excellent condition. Call Ed, K6II, at 726-4333.

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REPEATER:

The new Motorola machine has been shipped; and should be received about the 25th or 26th of August. This could put it on the mountain by the first weekend in September if all goes well during its local "burn-in" period.

The building and antenna installation are complete; and power is available in the building, so all is in readiness for the big day. Sure will be good to hear it from Palomar again as it's nearly useless from anywhere but Vista in its present "numbed" configuration.

The instruction manual on the Motorola is already in hand and being avidly studied to see what we've bought. Or rather what we are buying. The balance owed on the repeater is \$1,319.44, so if you feel like helping and are just don't know what to do, get your excess \$\$\$ to yon bonny TREASURER - he knows what to do!

---

MILDRED MAXSON MEMORIAL FUND: All club members received information on this fund with their picnic tickets. Anyone who did not, should contact any member of the North County YLRL. Donations to the Fund should be sent to H.R. (Duke) Ellington, W6OZD, 2980 W. 235th St., #13, Torrance, Ca 90505. The Fund in memory of Mildred Maxson, W6PJU, will go to support the Semilla Chiquita deaf children's orphanage in Ensenada, a charity dear to Mildred's heart.

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ARRL BULLETINS OF INTEREST (If fortune smiles on us):

OFFICIAL BULLETIN NR 658 OF JULY 21 says: FCC has opened up the block of calls AA1AA through AA0ZZ for extra class licensees, to be assigned in districts where there are no longer any 1 X 2 calls available, currently only in the Fourth and Sixth call areas. This is effective July 29, 1977. If needed in the future, prefixes in the block AB through AL will be made available.

OFFICIAL BULLETIN NR 659 OF JULY 21 says: The governments of Egypt and Israel have authorized amateur radio stations W7FPX/SU and K4SQT/SU at the Sinai Field Mission to conduct third party communications with United States amateur radio stations, effective immediately. All third party communications must be in accordance with Section 97.114 of the Commission's rules as usual.

OFFICIAL BULLETIN NR 663 OF AUGUST 8 says: Another RFI Bill has been introduced in the House of Representatives. Representative Charles Vanik of Ohio has introduced Bill HR-8496, which would give the FCC authority to set reasonable standards of susceptibility to RFI for consumer electronic devices. The Vanik bill joins two other RFI bills introduced in Congress this year, the Goldwater Bill, S-864, and the Benjamin Bill HR-8079.

OFFICIAL BULLETIN NR 664 of August 11 says: The 1977-1978 ARRL Net Directory, with full information on over 600 Public Service Nets, is now ready for distribution. This attractive newly designed pamphlet lists nets by name, area and frequency. In addition, it tells how to check into a net, itemizes special Novice Nets, lists ARRL Numbered Radiograms and special net QN signals, plus much more. For your free copy of this popular membership service send an addressed envelope, at least nine by twelve inches in size, with thirty five cents postage to ARRL Net Directory, 225 Main Street, Newington, CT 06111.

There, see, I told you so.

Thank you, Franklin.

---

DOWN THE TOOBE: (Continued in our next. Next what? Who knows.)

DOWN THE TOOBE (probably continued)

K6WK, Zane Sprague, missed the August meeting and picnic since his job sent him to Japan for three weeks, where he was going to try not to buy out the electronics district of Tokyo at Akihabara. Zane says he would try to pick up a 432 MHz rig though. Wouldn't mind a visit back there myself. Fabulous country.

It's bad enough having a friend (W5ULU) saying that he enjoys the SCOPE, so I know that it was with some trepidation that the letters from ARRL Headquarters and from the Southern California Repeater Association were passed to YE OLDE ED. Rosalie Cain, WA1STO of the Club and Training Department of A2RL says: "....the July issue, as amusing as ever." Hmm, wonder how she meant that? Not only do they read us in Newington, but also in "Smog Free" Culver City whence Bill Pasternak, WA6ITF, Vice Chairman of SCRA says: "....we enjoy reading your newsletter each month .....Keep up the good work.....". Wow! Now about that raise.... In answer to that question about the mytery editor, Rosalie, and with all of the foregoing to soften the blow, K6HAV is still the perpatrator (we admit with what little modesty we can muster).

Speaking about the editor, he would advise one and all that proper equipment should be used to clean the bottom of the swimming pool rather than the top of ones head. You may thank a hard head and stout cervical vertabrae for not having to read the drivel put out by a mystery guest editor. It is hard to type over a cervical collar, but we beat that by raising the typewriter, which is a nice new IBM Correcting Selectric II thanks to the former mystery typist. I married her so she'd type the SCOPE, and with my luck she quit and turned the job over to me - again.

K6NS is now K6 Now Speaks instead of Never Speaks since he won a speaker at the picnic.

Phil, K6ROR, worked K6EQN on 2M. Sounds like Jack may be getting back on the ham bands after a long hiatus.

Keith Cordrey, formerly WA6CSI, is now W6KVR, a call sign he originally held from August 1934 until the early forties.

Marv Smith, N6NA, sent along his donation to the repeater fund with a note that said he wants to help get it back up where he doesn't have to apologize to his friends for not being able to hit WR6AII except in beautiful downtown Vista. We agree, Marv.

Bill Driml, W6NAT, was sighted in the Vista area visiting folks at TV Craftsmen. Bill, you stay in Fort Dick (so help me) and I'll stay here. Don't want to upset the balance of nature. Besides, don't know whether you had clearance from the Environmental Protection Agency or not.

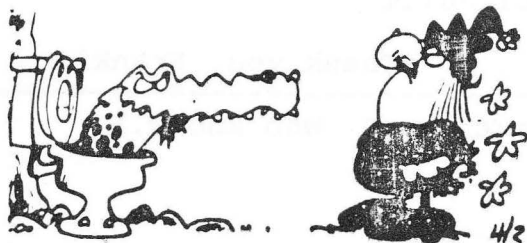
K6ROR, who has gone back to school with the Heath Continuing Education Course - all six books and two trainers of it, says he recommends it as a good way to get smart(er) and to help upgrade your ticket if you're not enrolled in WA6VYD's course at Mira Costa.

Speaking of Burr's course at Mira Costa, he tells us that he's running out of room for students, he has so many. He also says that the Giant Computer is now operational at the Chambless QTH; and he's working on a mailing lable/roster program. Take heart, Phil. "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. 9 September 1977  
P.O. Pub. #076530

2nd Class Postage paid  
at Vista, CA 92083





NORTHERN SAN DIEGO COUNTY



VOL. XII, NO. 10



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

OCTOBER, 1977

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PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD  
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO  
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE  
TREASURER: 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 Treasurer at the address in the masthead (whatever that is).

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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 magnificent newsletter at no extra cost (other than your sanity).

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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.

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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 equipment 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.

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Get instant recognition by springing for an OOOOFICIAL PALOMAR AMATEUR RADIO CLUB cheapy badge. Speak to the Treasurer 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 esteemed Treasurer (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 Treasurer 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!!!).

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GNU SCOPE SWEEKERS 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, WALSJ; 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 speech 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.

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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.

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## 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 than 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)

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

|  |   |
|--|---|
| U.S. POSTAL SERVICE<br>STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION<br>(Required by 39 U.S.C. 3685)  |   |
| 1. TITLE OF PUBLICATION<br>Scope   | 2. DATE OF FILING<br>9-3-77               |
| 3. FREQUENCY OF ISSUE<br>Monthly   | 4. NO. OF ISSUES PUBLISHED ANNUALLY<br>12 |
| 5. LOCATION OF HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printed)  | 6. ANNUAL SUBSCRIPTION PRICE<br>\$2.50    |
| 7. LOCATION OF HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printed)  |   |
| 8. NAMES AND COMPLETE ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR  |   |
| PUBLISHER (Name and Address)<br>Ralph Crossman, P. O. Box 7, So. Laguna, CA 92677  |   |
| EDITOR (Name and Address)<br>Ralph Crossman, P. O. Box 7, So. Laguna, CA 92677   |   |
| MANAGING EDITOR (Name and Address)<br>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.) |   |
| Palomar Radio Club<br>P. O. Box 1603, Vista, CA 92083  |   |
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| 11. I certify that the statements made by me above are correct and complete.   |   |
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| In accordance with the provisions of this statute, I hereby request permission to mail the publication named in item 1 at the phased postage rates presently authorized by 39 U.S.C. 3626.   |   |
| SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER<br>R. Crossman, Publisher/Editor  |   |

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 ship-shape 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





KURISUMASU OMETETOU GAIMASU

NORTHERN SAN DIEGO COUNTY

W6NWG  
WR6AII  
**SCOPE**



VOL. XII, NO. 11

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

NOVEMBER, 1977

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PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD  
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO  
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE  
TREASURER: JIM CHURCH, K6SLA, VISTA

---

All rumors to the contrary, you can't be a Palomar Amateur Radio Club member and not get this fantastic publication (the SCOPE, dum dum). We've heard some good-intentioned misinformation on the repeater concerning club membership, dues, etc. The truth (and we only print the truth - probably) is, membership in the PARC is \$7.50. For this fantastically low, low price you join the elite membership of the PARC and get that amazing misfit, the SCOPE - willy nilly, like it or not, no options, a captive subscribership (no one says you HAVE to read - providing you could in the first, second or third place). Gotcha! To boil all of this down, club dues are \$7.50 with no time off for behaviour, good or bad. If you don't want membership in the club for geographical or other stupid reasons; and are foolhardy enough to want our Peerless Publication for \$2.50 per annum (or Yearly, whichever is cheaper). Go ahead, waste your hard earned pfennigs, see if we give a pfig!

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P.S. Club membership applications are available by on-the-air application to any club officer; and by writing to P.O. Box 1603, etc - like it says in the mast head (up at the top right of this page, if fortune has once again smiled on us). Our treasurer will always be glad to accept your check, POSTAL money order or cash in large, marked bills.

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The Palomar Amateur Radio Club owns and operates WR6AII, a 2M repeater on 146.13 MHz input and 146.73 MHz output for club members and occasional transient users. WR6AII is located on Mount Palomar; and provides excellent coverage of San Diego County west of the mountains and as far north along the coast as San Onofre. The club 450 MHz repeater, WR6APO, operates on an input frequency of 444.300 MHz input and an output of 449.425 MHz. WR6APO is presently located in Vista. Both repeaters are carrier operated.

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The November meeting of the PALOMAR AMATEUR RADIO CLUB will, without fail, probably take place at 7:30 of the P.M. on Wednesday, the second (of November, if fortune glares at us) in the Great Assembly Hall of the Vista Branch of Glendale Federal Savings and Loan at the corner of Anza and East Vista Way in Geriatric City (Veesta, dummy). The program for the evening is: To Be Announced, by WA6WVX, Ron Earl. It's bound to be interesting (required by the recent change to the Constitution and By-laws). If it's as interesting as the last one, which starred W6KVR, Keith Cordrey, it will have to be good. Don't wait with baited breath, come out and see for your self. In addition to all of the foregoing jazz, the Nominating Committee will give voice, and thereby announce its list of hapless club members at whom the fickle finger has pointed for 1978. Nominations will also be heard from the floor (walls, and ceiling). Youse had best put in appearance and protect yourself lest you find yourself with podium in white-knuckled hands on the first Wednesday of the 12 months of 1978!

---

The November PALOMAR AMATEUR RADIO CLUB-SWAN ELECTRONICS Flea Mart will, without exception, be held from rising sun 'til high noon on Saturday, the five of November, in the SWAN ELECTRONICS Parking Lot (other avian electronics are NOT to be parked there) on Airport Road on the inskirts of Oceanside (CA 92054, that is). If it rains, there won't be any flea market - probably. The aforementioned parking lot is for vendors only - pliz. Come out and join the merry (except for W6JSL, who will probably be dour since glum is already taken) throng as they lie, cheat, haggle, snarl as they try to sucker oneanother into buying high and selling low. Bring your loved ones (or your wife and kids - whatever turns you on). Club membership applications and donation tickets for the giant drawing (you may be lucky and win the giant) for all the goodies mentioned elsewhere herein (if we're lucky) will be available at the flea mart. C U there.

The Club now owes three dollars and some very small change less than \$600 on that lovely new repeater that many of our club members and quite a few non-members are using on 2M. We need to have a few more folks buy those donation tickets (at \$1 each); and therefore get another chance at one of the seventeen (count 'em, 17) great prizes which the Club has had donated to it; and which it will give to the lucky ticket holders at 10:00 of the a.m. on Saturday, the 3rd of December, at the Club Flea Mart in the Swan Electronics parking lot. The donators of the prizes and the order in which the prizes will be drawn are as follows: 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 Admirer(s) have donated prizes 6, a 210X frequency counter; and 9, an MFJ Super Tuner. The Club can certainly stand to have another \$1,000 or so in tickets purchased so that the repeater can be paid off and a little repeater operating capital be maintained. Buy a batch. You do NOT have to be present to win a prize (or to lose one either), so let's be generous and cough up a \$ or \$\$ so you can win the Yaesu or one of the other 16 prizes. The Club will also gleefully accept your new and used equipment to be sold at the club table at the flea mart for the club's pecuniary advantage. As soon as we get the 2M machine paid for, we're going to look into a 160M repeater for W6EVL (who has promised to build the cavities for the duplexer) and others of the Top Band. And it's not even April, already! Last beat of the drum this month: BUY MORE TICKETS or else, or else we'll take the plain brown wrapper off of the SCOPE we mail you each month.

We'd like to know who in the blue-eyed world you are (probably). Whyncha see Ye Olde Trea\$urer and spring for an OFFICIAL Palomar Amateur Radio Club Badge (they're sorta like the OFFICIAL Bulletins). K6\$LA will be glad to take your \$\$\$ and your badge order; and send them off to the Sleazy Badge Co. If you'd rather operate under separate cover of night, Jim can always order you a badge with WA6KZN's name and call on it - after all, everyone blames the President anyway. All of the foregoing notwithstanding, Jim will be glad to take your \$\$\$ and your order - if he can recognize you.

Joining or re-joining the American Radio Relay League? It's about time! Now that you're taking the plunge, do so via the PARC; and the Club will get the fantastic sum of \$1½ of your nearly useless \$\$\$ which would otherwise go to the previously described League of Radio-Relayed Americans. All you have to do is slyly slip your check (and QST mailing label and renewal card if you're reenlisting) to OUR TREASURER. Checks should be made payable to the Palomar Amateur Radio Club. The tab is \$12 for one year, \$23 for two, \$33 for three, \$43 for four, and \$53 for five. We'd rather you went for the short-term annual reenlistment as the Club gets that great big \$1½ each time you ship over; and it only gets \$1½ whether you go for one or five. So go broke annually while the Club gets rich (on \$1½!) Not to bother THE TREASURER with your life sentence-type enlistments (at \$240 each!!) since the friendly folks in Newington (or maybe Oldington) won't even give us a red, white or blue cent of your lifer dough (we still haven't figured out how they can give the Club 12½% of \$12, but nothing of \$240! Oh well, ours not to reason why, ours just to whine and cry. Good luck in the contest.

NEWED AND RENEWED CLUB MEMBERS: Charlie Fay, WB6WHC (2 years); Jack Cumbey, WB6LUD; Olivia and Jim Franklin, WA6WTZ & WB6IKF; Jack Andersen, WB6ACD; Jack Swader, WA6DYV; Jim Risely, WB6LEH; Bob Borden, WB6HDT; Hal Crispell, W6TZV; Carl Borchert, K6OBP; Harold Bartels, W6UUJ; Bill Mandy, W6NFG; Dan Keefe, WB6YLY; and Len Kline, W6RYD. Welcome or welcome back, as the case may or may not be - mayhap. The Club now has 137 full, and 4 associate members, a full listing of whom will appear later without fail - no doubt.

Our Membership Chairman, Clem Futterer, WB6IXQ, says that we have a whole flock of former members who have yet to reenlist in the Club. You should do so immediately and without fail - or else. Or else you too could become the honored taree and/or featheree and our next gala get together (providing we can get the AQMD's waiver on our use of high sulfur content tar and allergenic feathers (You know the old gag: "How do you get down off an elephant?" "You don't get down off an elephant, you get down off a goose.") Tune in to our next sparkling edition and see whether our fearless and peerless recruiter, WB6IXQ, gets his man, woman and child. Onward and upward to a greater membership, Clem.

PROPOSED AMENDMENT TO CONSTITUTION: The following proposal to amend the Constitution will be made at the November club meeting: Article IV, Section 4, change "three elected officers" to read "two elected officers".

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The membership of the Palomar Amateur Radio Club as of October 19, 1977 is as follows:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| W6AAM  | W6BLL  | K6EZ   | W6HZJ  | W6JRQ  | W6NFG  | W6QP   | WA6SVN | N6WB   |
| WB6ACD | WB6BVH | WA6EZI | W6IDT  | W6JSL  | WA6NGZ | W6QWH  | WB6TBA | WB6WHC |
| WD6AEE | W6BWQ  | WB6FJD | N6IE   | WB6JVS | WB6NIJ | W6RGI  | W6TBI  | WA6WQI |
| WA6AEZ | WA6BZC | W9FQN  | WB6IHP | WA6KAR | K6NS   | K6ROR  | W6TCI  | WA6WTZ |
| WD6AFJ | WA6CFY | K6GJD  | K6II   | W6KEY  | K6NZ   | W5RQK  | W6TFB  | WA6WVX |
| WD6AHE | WD6DBT | WA6GLH | W6IJH  | WA6KEY | W6NZX  | WB6RWP | WB6TKY | WA6YAC |
| WD6AHW | W6DEY  | K6HAV  | WB6IKF | W6KVR  | K6OBP  | K6RY   | W6TZV  | WA6YBC |
| WD6AHX | WB6DFF | WB6HDT | W6INI  | WA6KZN | WA6OJF | W6RYD  | W6US   | WB6YIH |
| WD6AOK | K6DKR  | WB6HFE | WB6IPJ | K6LE   | W6OZF  | W6SCI  | W6UUJ  | WA6YJC |
| WD6AOL | WA6DYV | WA6HPP | WB6IQS | WB6LEH | WA6OZS | WA6SCV | WB6UYJ | WB6YLY |
| K6APV  | WA6EJL | WA6HQM | W6IRM  | W6LT   | WB6OZT | K6\$LA | WA6VKK | WA6YME |
| N6AT   | WB6EOT | WB6HSZ | WB6IXQ | WB6LUD | WA6PNY | WB6SLY | W6VTV  | WB6YVT |
| WB6AUK | K6EQN  | WB6HTS | WB6JDT | K6MC   | W6POQ  | WB6SML | WB6VYC | WA6ZDA |
| N6BB   | WA6EYJ | WA6HUG | W6JNL  | WB6MFJ | WB6PPB | WB6SMP | WA6VYD | WB6ZDJ |
| W6BIH  | WA6EYX | WA6HYC | W6JR   | W6MIR  | W6PZU  | W6SSL  | WA1VWH | WA6ZKC |
| WB6BJF |        |        |        |        |        |        |        | WA6ZKD |

Ilean Clark Pat Crossman Pat Dewey Wendy Dewey

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If you have paid your 1977-78 membership dues and your call sign or name does not appear above, don't call me, I'll call you - as soon as the Club Treasurer or Secretary so notifies me. If your call sign does not appear above and you want to be a club member, why not scrape up the necessary \$7½ and get it to K6\$LA by hook or crook - or even the U.S. Mail - perish forbid.

-----  
FORESAIL: (Genoa that's a jib.)

Two Model 28KSR Teletypes, one like new table top with gear shift and non-overline; one floor model with selector magnet driver. Two Teletype typing reperfs, 60 and 100 wpm. One Model 28RO reperf w/gearshift, 60-75-100 wpm. Two HAL ST-6 rtty terminal units, both with AK-1 AFSK. The Maelee Data Processing Center requires the space. Call Phil, K6ROR, at 724-0098.

Swan 500CX in mint condition and wired for peak and notch filter, \$350. Call Fred, W6OZF, at 724-0868.

Collins R-390 general coverage receiver, rack mount with manual. Two floor Model 28 Teletype KSRs w/manual. One machine geared for 60 wpm and one for 100 wpm. Call Ralph, K6HAV, at 499-2921.

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WANTED: Start houted men.

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ARRL BULLETINS OF INTEREST: (Without a doubt.)

Official Bulletin 672 of September 29 said: The Oscar Educational Bulletins will resume beginning October 1 on Oscar 7. On Mode A weekdays you will be able to hear the bulletins on the first 2 appropriate morning passes at 29.490 MHz. Whenever Mode B falls on a Wednesday, listen for the educational bulletins at 145.950 MHz on the first 2 appropriate morning passes. Amateurs giving an Oscar demonstration in their local schools are eligible to receive a complimentary copy of the 1977 ARRL Handbook. Just send ARRL a note of confirmation on the school letterhead from the teacher you assisted. When using Oscar, please remember to keep your effective radiated power down to the recommended 100 watts. Failure to do so will adversely affect normal operations for all.

Official Bulletin 673 of October 6 said: The new W1AW Fall-Winter schedule is ready for distribution. Designed for ease of use, the new schedule details code practice as well as various bulletins. The tabulation includes PST, CST, EST as well as UTC. In addition, complete 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.  
(ARRL BULLS CONTINUED IN OUR NEXT)



(ARRL Bulletins probably continued )

Special WIAW Bulletin 114 of October 13 said: Good news. The Commission has terminated without action Docket 19759 which had proposed a Class E Citizens Band at 220 MHz. This is a signal victory for the Amateur Radio Service.

Special WIAW Bulletin 110 of September 24 corrected Official Bulletin 671, published in the October issue of SCOPE as follows: In Official Bulletin Nr 671 dated September 22, please correct the seventh sentence to read quote however, present repeater, auxiliary link, and control station licenses remain in effect till expiration, at which time they will not be renewable.

Thanks to N6AT, Frank Cassen; and to WB6RWP, Terry Swartz, for the bulletin copy.

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REPEATER:

Our Repeater Committee Chairman, W6SCI, reminds all that we do have a big batch of folks using the repeaters. We therefore need to remember that others are doubtlessly waiting to use the machine. Keep the transmissions and the QSOs short. Use simplex channels when possible after establishing contact on the machine. Pause long enough for other stations to enter or interrupt the QSO - particularly the weaker mobile stations. Don't ask a breaking station to wait while you continue a lengthy line of thought. Find out if there is an emergency first. A breaking station can speed things up by using his call instead of "Break" which is a pro-word used to separate the heading from the text of a message. Breaking stations should use common sense and courtesy in breaking into a QSO. Common sense and courtesy will take care of most situations.

-----  
DOWN THE TOOBE:

Willard (not Will--please!), W6IDT sends along his contribution to the new repeater; and says he has no 2M gear at present, but wants to get started. He'd like pros and cons on the Heathkitsynthesized rig. He says: "Love that Scope--" so you can readily see that he's not serious about the rest of this stuff either.

Charlie, WB6WHC, is going to have to clear his calendar so that he can make the meetings. He says there's always some conflict.

That new delivery truck that WA6KZN bought for an anniversary present is too much for him. He was laid up with back spasms for the better (or worse) part of a week. Hope the trip to La Vegas in December makes up for it, Bob.

Bill, W6VTV, got out of Scripps Hospital on October 12 after a sojourn there for a heart attack the young fellow suffered while camping near Bishop in the high Sierras. Glad you're still among the quick, Bill. We sure don't want to miss you so soon. Stick around; and follow the doctor's orders.

Keith Cordrey, W6RKW, did a great job of presnting the Club a program on NAVSTAR, a navigational system. When the projector that was provided for Keith broke down, all reports indicate that Keith did a superb job of describing his subject. It was enjoyed by all.

K6ROR, Phil, is looking for new worlds to program on the Heath computer he has ordered and is awaiting delivery on. Good luck in the contest.

"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. 11 October 1977  
P.O. Pub. #076530

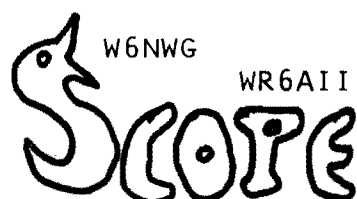
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7/78



NORTHERN SAN DIEGO COUNTY



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  
TREASURER: JIM CHURCH, K6\$LA, VISTA

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 treasurer 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 Treasurer 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.

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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!

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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 indicated: 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.

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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.

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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.

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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

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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 contendere.

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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 number 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 October 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 to Gettysburg 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.

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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

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