

ORANGE COUNTY AMATEUR RADIO CLUB  
P.O. BOX 95  
ORANGE CA. 92669

First Class Dated Material:

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# RF

ORANGE COUNTY AMATEUR RADIO CLUB

P.O. Box 95, Orange, Ca. 92669

Volume XIII No. VIII

Meeting September 15, 1972

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## 1972 Club Officers

Pres:	Ron Cade - WA6FIT	897-8059
V. Pres:	Bob Eckweiler - WB6QNU	639-5074
Sec:	Richard Nelson - WA6OBM	557-6614
Treas:	Frank O'Leary - WB6TBU	539-1769
Activity:	Kiyoshi Yamachita - W6NGO	538-8942
T.V.I.:	Bill Robinson - WB6WOO	542-7958
Mem:	Ernest Duebendorfer - WB6VOV	539-6469
Pub. Rel.:	Lee Farnsworth - WB6FKD	542-4846
M.A.L.:	Bill Hall - WB6CQR	638-0101
	Ken Konechy - W6HHC	541-6249
R.F. Ed.:	Richard Nelson - WA6OBM	557-6614

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## OCARC ACTIVITIES

- MEETING** 3rd Friday each month, 7:30 p.m. AT the Mercury Savings and Loan, 1095 Irvine (4th) Blvd. in Tustin. Guests welcome.
- BREAKFAST** 1st Saturday each month, 8:30 am at Mannys Restaurant, 17th Street near Newport Freeway, Santa Ana. Meets in back of room.
- 15 M NET** Club Station W6ZE, meets every Thursday at 21.375 (+ QRM) MHz. at 8:00 p.m. All amateurs welcome to check in. Club and ARRL Bulletins read.

President, Ron Cade, WA6FIT, called the meeting to order at 7:55 PM at the Mercury Savings and Loan Building on August 18, 1972. Abscent officers were: Vice President, Bob Eckweiler, WB6QNU, Membership Chairman, Ernie Duebendorfer, WB6VOV, Public Relations Officer, Lee Farnsworth, WB6FKD, and Member at Large, Bill Hall, WB6CQR.

The July minutes were approved as published in August "RF". Visitors were W6FUB, WA6OOZ, and WB6ZTN. Bill Robinson, WB6WOO, T.V.I. Chairman reported on a case of T.F.I. pending. Several other members related T.V.I. experiences. No other Committee reports were given except word from Auction Chairman, Bob Eckweiler, WB6QNU that September would be Auction month. A thank you note was received from Jerry Ver Duff. No new, old, or unfinished business was discussed. Treasurers Report was \$ 25.39 cash, \$ 489.25 savings, and 181.08 checking for a total of \$ 695.72. By 8:45 guest speaker had not arrived and a coffee break was called. Following coffee break the following announcements were made. 1. Anaheim and NARS made off with the Fullertons gavel with more than 10 members from each club attending the Fullertons meeting. 2. '72 ARRL Convention in Santa Maris on October 21 and 22 about 4 hours drive from Los Angeles. The meeting was primarely an informal open discussion while waiting for a guest speaker who never did show up. Attendance was 26 members, guests, and officers. The meeting adjourned at approximately 9:45 PM with parking lot bull sessions lasting until midnight.

Submitted by Ric

*Richard Nelson*  
Secretary

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Hey QNU Where is the Kingdom of Pistachio? (p8)  
Did you hear about the Polock who took a roll of  
toilet paper to a crap game? or looked in the lumber  
for the draft board.



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Good Luck Jerry.

To Members of the Orange County Amateur Radio Club

Thankyou for the very nice plaque presented to me by President Ron Cade, WA6FIT, at the July 22nd luncheon. It will always serve to remind me of the fine people and fellow amateurs I have enjoyed for so long in OCARC. Thanks also for voting me as a Life Member of the club. I will always enjoy reading the monthly editions of "RF" and will follow your progress. May I wish you all the very best and I'll see you on the bands from New Mexico. 73 Jerry, W6MINY

Rick: Please put this in RF for all to read. Tnx.

Yorba Linda, California 92686  
6372 Cymbal Street

**W6MINY**

Jerry L. VerDuft

New Members - (last month) Welcome to the Orange County Amateur Radio Club.

Melvin Bittner, WB6FRF  
13096 Blackbird St. Space 3  
Garden Grove, Ca. 92646

Don Klos, W6OOH 832-9682  
13562 Loretta Dr.  
Tustin, Ca. 92680

Format Change The American SWL Club News Bulletin has recently changed their format using off-set printing and magazine format. Looks good Bill.

Ham Ads - Bill, WB6HDB, Tel. 231-921-1575 has teletype equipment for sale. two model 15's with model 27 keyboards, one model 100 and one model 19 complete.

An antenna package is offered from the estate of Dan Peterson, W6KMJ. Tristao model MM35 tower, Hi-Gain TH3-MK3 Yagi, CDR TR-44 Rotor, Balun, and co-ax for \$ 367. 18 months old. Call 539-4482.

Docket 18803 - called the Repeater Docket has been acted upon. The official version was released last week, and is very lengthy and will significantly affect most remote and repeater operators. Technicians will get 147 to 148 MHz for their use.

3 rd Party traffic is no longer allowed with Okinawa because it is now back with the Japanese.

Quotes "Carrier" of the Mt. Diablo Amateur Radio Club has used several articles from February "RF". Some one reads "RF".

MONEY may not buy happiness, but with it you can be miserable in comfort.

Did you hear about the Polock who studied five days to take a urine test, and then pissed in his cereal every morning because he found out he had sugar in his urine.

# O.C.A.R.C.

THE ORANGE COUNTY AMATEUR RADIO CLUB PRESENTS ITS ANNUAL...

# AUCTION

TIME: 7:30 PM PDST

LOCATION: MERCURY SAVINGS & LOAN. 1095 IRVINE BLVD, TUSTIN  
JUST EAST OF NEWPORT BLVD.

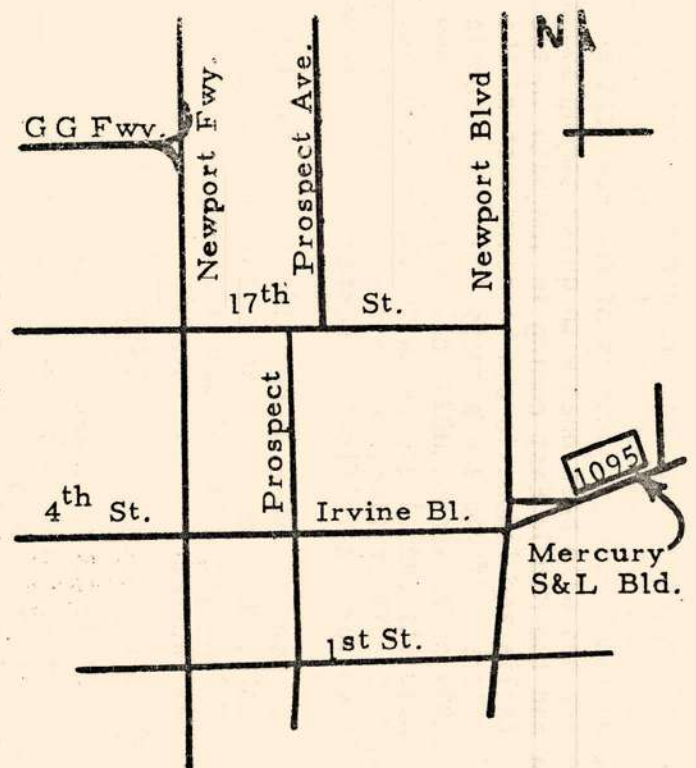
# 15 SEPT. '72

COME TO BUY &...  
COME TO SELL.

PUT YOUR CALL and/or NAME ON  
YOUR ITEMS TO BE SOLD ALONG  
WITH THE MINIMUM BID YOU WILL  
ACCEPT. (NOT THE PRICE YOU'D  
LIKE).

THE CLUB PROFIT IS 20% OF SELLING  
PRICE BELOW \$50 & 10% ABOVE \$50.

# W6ZE





DX HAPPENINGS

The month of September has, so far, had some excellent DX conditions. 15 meters has been open to Europe and Africa most of the daylight hours, and parts of the Far East around dusk. 20 meters has also been open with quite strong signals from Africa and the Middle East coming in longpath in the morning. Australia and Indonesia can be heard most of the night on 20 meters. If you are a chess fan with insomnia listen for VK9GN on 20 around 0830 calling CQ chess game.

Trinidad held its annual QSO party in the month of Aug. If you worked 5 9Y4 stations during the weekend of the 19th you are intitled for a certificate. Contact WB6QNU for more information.

ET3ZU is supposed to run a DX-pedition to Kamaran Island using a VS9K call, this month. Also a station has been heard active from 3X-land (Republic of Guinea). Now here's a list of what has been worked from the home QTH in the past month:

<u>CALL</u>	<u>Z TIME</u>	<u>FREQ.</u>	<u>COMMENTS</u>
A2CAB	1830	21.35	Don, Botswana (W2RHK)
C29ED	0900	14.22	Ken, PO Box 32 Nauru Island.
CR6KV	2030	21.31	Angola
CR6MX	2150	21.31	Orlando, Angola Africa
EA6BJ	1940	21.35	Leo, Balearic Island, (DL7FT)
ET3JH	1510	14.25	Jay, Ethiopia
ET3USC	1920	21.35	Ethiopia
F00WV/FC	0845	14.25	Corsica Island (ON4TJ)
FY7AE	1930	21.35	Ceaser, French Guiana, (WA4WTG)
G3QV	0845	14.25	Art, England
GC2TR	2130	21.19	Jersey Island.
GI3JIM	2030	21.32	Jim, Northern Ireland
I8KMT	2145	21.28	Aldolph, Italy
LG5LG	1920	21.35	PO Box 1, Norway
PW2AA	0425	14.20	Brazil
SM6AE	1915	21.30	Kurt, Sweden
ST2SA	2010	21.31	Sid, PO Box 253, Medani, Sudan
SV0WUU	1916	21.32	Jerry, Athens Greece
TR8VE	2140	21.30	Amilie, Gabon Republic, (F6AZI)
UA1GZ/m	0750	14.20	Antartica Research Base Volstok
UA0MI	0940	14.21	Alex, Vladivostok
UK2BBK	0445	14.22	Lithuania, USSR
VK9FH	0815	14.27	Fred, New Guinea
VK9XX	1425	14.24	Christmas Island (W2GHK)
VP7CQ	2035	14.26	Bob, Box F2701, Freeport, Bahama IIs.

cont.



VQ9MC	1930	21.30	Bob, PO Box 193, Seychelles
WB6UDC/mj	2100	21.19	Jack, Mobile in Ohio (WB6NRK)
YB3AAY	0940	14.23	Jess, Indonesia (W3BRB)
YJ8XX	0920	14.22	Eric, New Hebrides (ZL1AM0)
YU3EM	2100	21.30	Antek, Yugoslavia
3D2EQ	0800	14.26	David, Figi Islands
7X7G	2125	21.29	Mic, Box 2 Algiers, Algeria
7Z3AB	1515	14.24	Henry, Saudi Arabia (W5NOP)
9GTHE	2100	21.30	George, Ghana (VE3FCL)
9H1C	1910	21.35	Victor, Malta Island, (W9SCD)
9X5VA	2000	21.35	Al, Rwanda, (W2PPG)
9Z3AA	2430	14.36	Kingdom of Pistachio, (W2NSD/1)

The above QSL information is to the best of my knowledge but may contain mistakes. It is always best to ask the DX station for QSL info when working him. In a pile-up listen after you work him because he usually will give it out after every somany contacts.

Bob WB6QNU

#### The V.P. SPEAKS ('QNU not AgNU)

Well the consensus of opinion around the club has been for more programs, and better programs. Well last month we had a good one all lined up and POW, BAM, Plop no one showed up. The Coast Guard was going to show up and give us a talk on their Communications operations including their new VHF systems. Unfortunately our guest speaker loaded his car with all the necessary equipment including instructions on how to get to the meeting place and started out. The instructions were passed along from me to him thru another guy and said Irvine Blvd just east of Newport Blvd. Of-course with a little help from my dear "friend?" Murphy's Law it got changed to Irvine Blvd, Newport Beach!! Our poor guest speaker finally returned to Long Beach one gas tank full later quite disgusted. I've talked to him since and since he realizes that perhaps there is a real OCARC he is willing to give it another try in the near future.

Let's hope we have more success with our October meeting with a talk on lasers from the Pacific Telephone people. With the problems they are having with rates they have cut back their public relations budget. So lets keep our fingers crossed. The September meeting will be our annual auction so get your wallet full and your junk together. Remember, any donations of items to be auctioned will also be accepted with the profit from these items going to the club.

Bob WB6QNU



BMC Enterprises has added a few shelves of components. Switches, capacitors, and sub-assemblies, etc. One item of interest for Christmas gifts for friends, Ham and non-Ham is a light sensing switch which will turn on a lamp after dark and turn off when the sun rises. It screws into a standard lamp socket and the bulb inturn screws into it. Complete with instructions it sells for \$ 3.00 ea or 4 for \$ 10.00 to OCARC members. John promises to stock a cooler with soft drinks for thirsty bargain hunters. BMC now has a phone. It is 547-4001.

K & M adds new items continually, but also seems to sell out fast. Semiconductors are the best items, but components in general are available. Bill has built up a large Technical Library and has a copier in house to make copies of that data on your last bargain. (10¢ea)

Surplus Sales (absorbed 5 Star stock) isn't doing so well in Retail Sales and the rumor is that Manny might get out of the retail end of surplus giving someone else his stock to liquidate. Manny has some older equipment and transformers which may be of some interest, but is more stocked on hardware. If any bargains result from and future changes "RF" readers will be informed.

B.J. Supply hasn't added any new stock lately and is considering the alternatives of the surplus business, though last week his store was full of people looking for goodies. Time will tell.

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### ELECTRONIC CALCULATORS

The production of LSI chips has reached the point that manufacturers can put them in a box with a battery, display, and keyboard and sell a low cost pocket or desk calculator. Many Manufacturers are racing for the Christmas market and sready prices of pocket and small desk machines are tumbling down. Last week May Co. advertised a machine for less than \$ 89, WOOLCO did the same (two different machines) in the L.A. Times. Someone you know

will probably receive a calculator for Christmas this year. Prices are going to drop, but how far is still speculation. There are many mechanical adders (electric) available for less than \$ 50 and these will be even cheaper when the "dum ping" starts in view of the electronic calculator invading the Market.

Simple electronic calculators can be divided into two types. One type is oriented towards replacing the adders which had a fixed decimal point and accountants are still used to operating and thinking in a dollar s and cents format. The second type uses full floating decimal and is by far the most efficient for general use.

As competition increases manufacturers will be forced to offer more features. Add, subrtact, divide, and multiply will not be enough. Chaining of operations is already common on many machines, i.e.  $6 \times 3 \div 4 - 6 + 9 = \underline{\hspace{1cm}}$  type of problems. Usually the next feature is the constant which allows repeat operations without reentry of data. Next feature is memory which allows storage of data for use later. Finally the more sophicated machines will have a single keystroke for percent, square, and square root. When Trig. functions and exponentials are handled by a machine the 88 to 200 dollar class is left behind, and the \$400 and up class is entered. When The machine becomes programable the price starts at \$ 800 to \$1,000, and the minicomputer is challanged in computing power, All this is reality today, though not as common as pocket radios it is nearly a matter of time.

One limitation at present is input -output of data. Displays and keyboards are well along in developement, but hard copy (printed) output is still on the drawing boards.

With the mass market potential of a pocket computing center the electronics will be developed and the pocket calculator of today will be like the old mechanical adder of yesterday. Next month the future will be probed and what can be expected of this new technology. Also the application of todays calculators will be covered with some practice problems to try on your machine at home or at work, because the day is rapidly approaching when everyone will be using an Electronic Calculator.



FOR DETAILS SEE CENTER FOLD INSIDE.

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