



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XVI, NO. 5

P.O. BOX 95, ORANGE, CALIF. 92668

MAY 1975



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— 1975 CLUB OFFICERS —

PRESIDENT	ART SHELDON	WA6LHB	832-9676
VICE PRESIDENT	MARTIN RAYMOND	WB6PEX	532-4090
TREASURER	TED GLICK	K6LJA	542-1390
SECRETARY	HAROLD RICHARDS	WA6BJO	544-0083
ACTIVITIES	BOB MALLER	WB6AJV	832-6170
MEMBERSHIP	TINA MCCARTHY	WB6WFV	538-6072
PUBLICITY	ROGER DENNY	WB6ARK	894-0416
TVI	BOB ECKWEILER	WB6QNU	639-5074
M.A.L.	KEI YAMACHIKA	W6NGO	538-8942
	KEN KONECHY	W6HHC	541-6249

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EDITOR	NEIL VADNAIS	WA6TZA	839-7378
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OCARC ACTIVITIES

MEETING: 3rd Friday of each month, 7:30 PM at:

Mercury Savings and Loan  
1095 Irvine Blvd. (4th Avenue)  
Tustin, California

GUESTS ARE ALWAYS WELCOME!!!!

BREAKFAST: 1st Saturday of each month, 8:30 AM at:

Barnaby's Coffee Shop  
144 South Tustin Avenue  
(just South of Chapman and Tustin Avenues)  
Orange, California

15M NET: Club Station W6ZE meets every Wednesday at 8:00 PM on 21.375 mhz. All amateurs are welcome to check in. Club and ARRL bulletins read.

15M CW NET: Club Station W6ZE meets every Wednesday evening from 7PM to 8PM on 21.175 mhz. All amateurs are welcome to check in. Lots of CW practice for everyone.

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CALLBOOK SERVICE

The club has copies of the latest U.S. and foreign callbooks which are available at each meeting. Also you can contact Bob Maller-WB6AJV at home (832-6170) on Monday and Thursday evenings between 7 PM and 9 PM if you need addresses. If you have more than one call for Bob to check, he'll get them all and call you back the same night. Also, you can usually catch Bob on the air after the Wednesday evening club net.

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THE PREZ SEZ:

I would like to say a big thank you to Ken, W6HHC for the program on MICRO PRECESSORS he presented at last month's meeting. It was "FB". I think there are some people thinking about the ways Ken suggested using MICRO PROCESSORS now.

Field Day is about a month away now. We have approval now to use the Marine Corps Air Station (Helicopter) Mars Station area now. We also have approval to use the generator and lighting plant we had last year. One thing we do need is a FOOD CHAIRMAN and his or her selected committee along with a cook. Anyone interested contact me. This year, the man in charge of organizing Field Day is Bob, WB6AJV, your Activities Chairman. We still need some team captains for the various bands. Anyone interested in being a team captain, operator, logger, assistant, or just watching all the fun, or interested in being Food Chairman should give Bob a call at 832-6170 or sign up at the May meeting.

There will be a list started again at the May meeting for clearance onto the base for Field Day. It requires your name, your call, make of auto, model of auto, color of auto, and license number. If you did not sign up at the April meeting and plan to attend field day be sure to sign up at the May meeting. If you miss the May meeting give Bob, WB6AJV or me a telephone call and give us the information.

The FISHING TRIP is still planned for July 12th. We have 2 openings left. If anyone is interested they should get in contact with Bob, WB6AJV at 832-6170 for information. If you have signed up it is requested that you pay now as a deposit has to be made on the trip.

This month's program is the KINGMAN REEF DX'PEDITION. This is one not to miss.

That's about it for this month. Hope to see all of you at the May meeting.

ART  
73, Art  
WA6LHB

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OPERATING EVENTS:

FROM THE PAGES OF QST

- |        |                                  |        |                             |
|--------|----------------------------------|--------|-----------------------------|
| May 17 | Armed Forces Day                 | June 4 | West Coast Qualifying Run   |
|        | World Telecommunications Day     | 12     | WIAW Qualifying Run         |
| 17-18  | YL-ISSB QSO Party                | 14-15  | VHF QSO Party               |
| 17-19  | Michigan QSO Party               | 21-23  | West Virginia QSO Party     |
|        | MDARC QSO Party                  | 21-22  | All Asian DX Contest Phone  |
| 24-25  | New York State QSO Party         | 25     | WIAW Morning Qualifying Run |
|        | 25 Memorial Day Zip Code Contest | 28-29  | FIELD DAY                   |
| June 1 | Worked All Britian               |        |                             |

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CONGRATULATIONS to Bob, WB6AJV and his wife on the arrival of a son at the Maller house.

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John Komancpalli has a 40 meter inverted "V" in the air now and a TS-520, with a good report from South Lake Tahoe. The raising took place 26 April with the help of Martin, Chuck, Bob, QNU, and late comers Kei and Art. Good luck, John.

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A Board Meeting was held on 14 April, 1975. The meeting was called to order at 7:30 P.M. by the President. All members were present with the exception of Roger, WB6ARK and Abe, WA6UCS.

The main topic discussed was Field Day. Items discussed were as follows:

1. Operating bands will be : 80, 40, 20, 15, 10, and 2 meters.
2. CW contacts count double this year.
3. It was suggested that the club furnish dinner and breakfast meals. Dinner Saturday and breakfast Sunday.
4. Each tent be responsible for their own lunch Saturday.
5. Each tent be responsible for their own food.
6. Each person pay \$1.00 for the dinner meal on Saturday.
7. The club furnish soft drinks and coffee.
8. Each Team Captain be responsible for their equipment for their band.
9. The club will furnish the tents.
10. Bob, WB6QNU, will furnish logs sheets for all tents.
11. Bob, WB6AJV, will make a graph for field day standings.
12. The club buy 4 ground rods for field day to be auctioned off after field day.

Ted, K6LJA, made a motion that anyone who wants to eat the evening meal to pay \$1.00. The motion was seconded and discussion was opened. A vote was taken and the motion passed 3 to 2. The motion will be brought up to the membership.

A motion was made by Ken, W6HHC, ammended by Ted, K6LJA, and seconded by Bob, WB6QNU that not more than \$150.00 be allotted for field day. Motion passed and will be brought up to the club for approval.

A motion was made by Bob, WB6QNU, not to have a Novice tent this year. Seconded by Ted, K6LJA. The motion was discussed. A stipulation was made that if the Novices as a group want to operate that the team captain's of 80, 40, and 15 meters will set a couple of hours aside for the Novices. This motion was made because of past experiences and in past years the disappointing experiences experience by the Novices. Motion passed and will be brought up before the membership.

A motion was made by Ted, K6LJA that no plaque be given to the outgoing President at the end of each year. Instead the President would be given one year free dues and a plaque similar to the ones given at the March meeting to the Past Presidents. The motion was seconded by Bob, WB6AJV. Motion discussed. A vote was held and ended in a tie. A second vote, 3-2 in favor of the plaque now being given. The motion was tabled until prices of plaques have been aquired and discussed.

A motion was made to write IC Electronics a letter thanking them for donating monthly door prizes to the club. The motion was seconded and passed.

Bob, WB6QNU, was appointed to write letters to ham magazines inquiring if anyone has a book for a T197 generator.

Bill Hall donated a generator to the club and ask that a letter be generator for his IRS purposes. Ken will call and set up details with Bill.

The P.A. system and memograph machine the club has will to to the auction this year.

Meeting adjourned at 9:20 P.M.



SPECIAL ANNOUNCEMENT:

The Newport Amateur Radio Society invites you the Orange County Amateur to a Special Meeting on May 23, 1975 at 7:30 P.M. John Griggs, W6KW, ARRL Director, Southwestern Division, will report on the recent survey made by ARRL regarding FCC Docket 20282. John will also report on the latest Board of Directors meeting. Questions and discussions will follow John's report.

This is a Special Meeting and occurs once a year. Be sure to attend. NARS has arranged for adequate meeting space for all members of all Orange County Amateur Radio Organizations. See you all at: SANTA ANA CITY HALL ASSEMBLY ROOM, 530 NORTH ROSS STREET, SANTA ANA. Parking in adjacent lot, no charge in evenings.

For additional information contact: Richard J. Nelson, WA6OBM, V.P. NARS, Chairman, OCCARO at (714) 557-6614 evenings.

CONGRATULATIONS:

To Ron WA6FIT for placing number 1 in the November Sweepstakes in the Orange Section for 200 watts or less, phone.

To Bob WB6AJV for placing number 6 in the November Sweepstakes in the Orange Section for 200 watts or less, phone.

To Ron WA6FIT who had 88,968 points in the December 10 meter test.

FROM STRAYS, MAY 1975 QST

Want to hear the New Oscar?

Oscar 7, the new amateur radio satellite will be within range of stations in the continental U.S. on Friday evening, May 16. Just tune your receiver around 29.45 MHz at 10 P.M. EDT (plus or minus 10 minutes) and you'll hear the band come to life with DX signals! Almost any antenna will do; if you're using a beam, point it toward Denver for best results. Be sure to report your reception to Amsat, P.O. Box 27, Washington, D.C. 20044. Send an S.A.S.E. and you'll receive an attractive Amsat-Oscar 7 QSL in return.

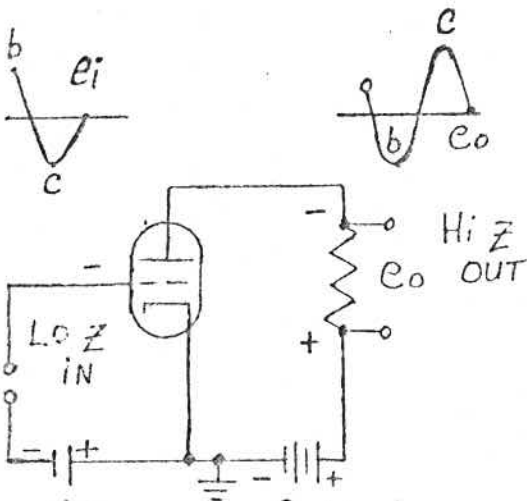
MAY CLUB MEETING!!!

The Kingman Reef DXpedition was the first in history to literally have been broadcast step-by-step by amateur radio. The world listened as the Northern California DX Club operators agonized for two days while searching for the island, then rejoiced during their fantastic 29 hour and 43 minute, 5535 QSO operation.

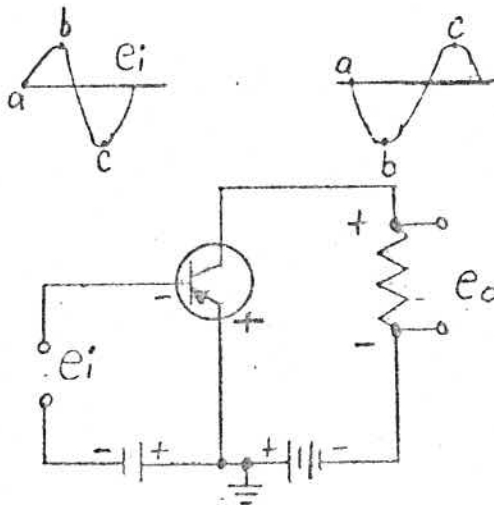
Jim Rafferty, WA9UCE/6, was one of those intrepid operators who braved sharks and wind to provide hamdom with the opportunity to work some exotic DX. Jim will present film and slides of this dramatic event to us in one of the first club viewings of this outstanding program. DON'T MISS IT!

OUR THANKS TO HENRY, W6POR FOR THESE CIRCUIT DIAGRAMS

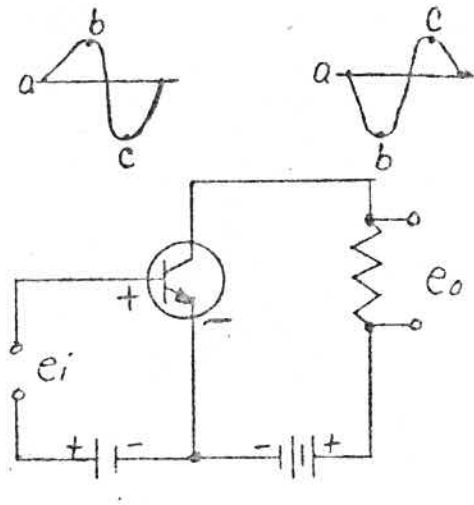
# BASIC TUBE + TRANSISTOR CIRCUITS



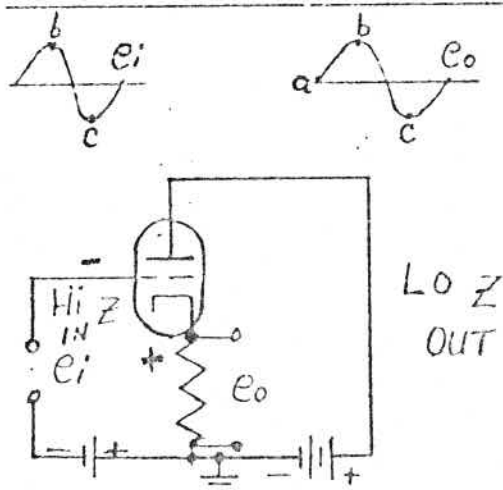
Common Cathode  
(Grounded Cathode)



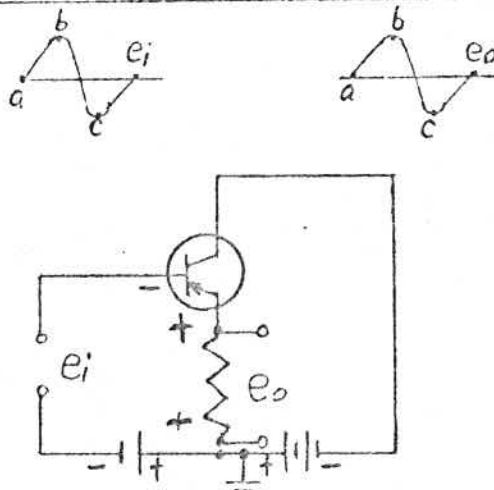
Common Emitter  
(PNP)



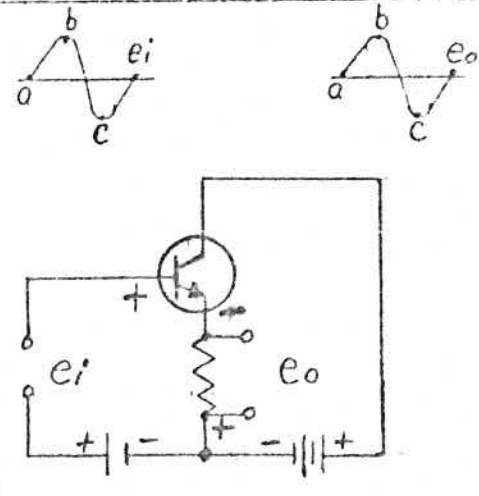
Common Emitter  
(NPN)



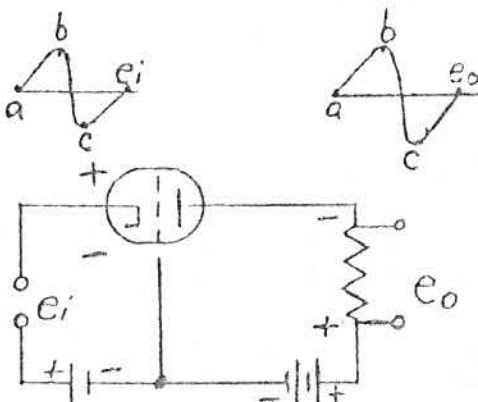
Cathode Follower  
(Grounded Plate)



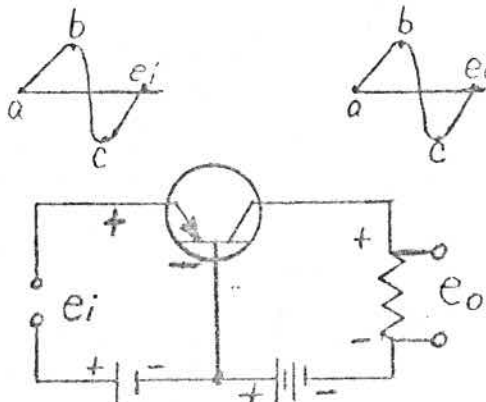
Common Collector  
PNP



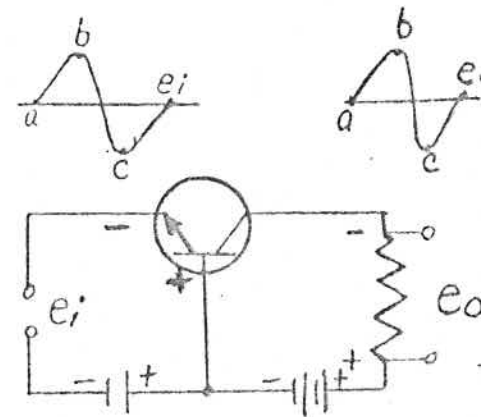
Common Collector  
NPN



Grounded Grid



Common Base  
PNP



Common Base  
NPN

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MINUTES OF THE APRIL MEETING

The meeting was called to order at 7:45 P.M. by President Art, WA6LHB. Pledge of allegiance to the flag. Introduction of officers. Martin, WB6PEX, Vice President introduced the program, "MICROPRECESSORS", presented by Ken, W6HHC. A break was taken for coffee and dounuts. Introduction of new members by Ted, K6LJA, Treasurer. We have a total of 63 paid members for 1975. Introduction of visitors by Tina, WA6WFV, Membership Chairman. Recommendations of the Board of Directors for Field Day were read by President Art. \$150 maximum for Field Day expenses. Motion made and seconded and passed. Donations of \$1.00 per person for the evening meal. Motion made, seconded, defeated. That each Team Captain of 80, 40, and 15 meters set aside time for any novice operators that may wish to operate. Motion made, seconded, and passed. That a letter be written to IC Electronics in appreciation for the door prizes they donate each month. Approved. Treasurer's Report by Ted, K6LJA. General Account balance is \$443.92. Raffle Drawing. Meeting adjourned.

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VISITORS LIST FOR APRIL

Jim Hodges and XYL Joan           WB6BYM  
Howie Fox  
Ben Onstenk  
Jay Chesavage                    WA6WAI  
Edwin Webster                    WB6OPX  
Paul Taylor  
Sudarshau Komanapoli

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NEW MEMBERS

Jeff Helman	WN6FZJ	13202 Anawood, Westminster	892-2053
Brian Quinn	WB6CLW	6831 Lafaiette Dr. Huntington Beach	842-2814
Steve Smerker	WB6TDA	5139 Avenida Palmar, Orange	532-4922
Ernie Duebendorfer	WB6VOV	9292 Vons Dr., Garden Grove	539-6469
Bret Vincent		557 LaNae, Orange	538-7005
Walter Vincent	W6QAR	557 LaNae, Orange	538-7005
Al Cooper	WA6QFN	15861 Rose Lane, Westminster	
Gerrie Cooper	WA6QFO	15861 Rose Lane, Westminster	
Wyatt Berry	WA6BPX	10182 Imperial Ave. Garder Grove	537-6863

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ARE YOU READY FOR FIELD DAY??

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IMPORTANT REMINDER!!! JULY FISHING TRIP Saturday, July 12th . . . Anybody who signed up for the fishing trip should have their money in by the May club meeting. \$13.25 per person. Please turn in your money to Bob Maller, WB6AJV so the deposit can be made on the boat. The frigate leaves promptly at 6AM, Saturday July 12 from Dana Point Harbor.

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FOR SALE!!

ESTATE SALE . . . Formerly WA6VJV Hallicrafter SR400A plus PS 500A-AC supply & speaker, Mini-products beam and rotor, MARS LE 2 phone patch, Turner 454X Mike, Brown Bros. BTL key, Eico Model 717 Electronic Keyer, Heath power and SWR bridge, Heath VTVM, Mastercrafter 24 hour clock, Electric control box with 15 amp fuse, Coax switch, desk lamp, mobile mike, headphones, mike, tube tester, operating table consisting of two side wooden drawers and cabinet with doors, swivel chair, and miscellaneous cable and wire for all connections. Complete package deal for \$750.00. If interested, please contact Bill Weise, W6CPB, 1753 Iowa Street, Costa Mesa, California 92626 . . . Telephone (714) 546-5342 for details.

FOR SALE . . . Trio (Kenwood) TS520-D with AC-DC Pwr. supply. VFO-520 Spkr. SP-520 Price \$625.00 All like new. Only used 3 months. Call after 6:00 pm at Telephone 538-8942. K. Yamachika W6NGO

ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
POST OFFICE BOX 95  
ORANGE, CALIFORNIA 92688

VOL. XV, NO 5 — MAY, 1975

FIRST CLASS MAIL !!!

DATED MATERIAL !!!!