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ORANGE COUNTY AMATEUR RADIO CLUB

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VOL. XXI. NO. 3

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

MARCH 1980

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OCARC BOARD MEETING. MINUTES March 9, 1980.

1. Rehash of las months board minutes indicated that all items for action were covered.
2. Nets: We need more activity on the Nets. It was recommended that all of the officers check in to the net.
3. Letter received from KA6IUY, Steve Spears, asking if anyone in the Club is using 6 meters. Specifically the following freq's 53.100, 53.200, 53.300, 53.400 and 53.500. He would like to know if anyone in the OCARC is on or near these frequencies. Call Steve at (213) 836-8523.
4. Treasurers Report.

Checking Account	\$ 1785.01	Money Owed	\$ 1.22
Savings Account	<u>1464.98</u>		
Net Total	<u>3249.99</u>		
5. Jess was given \$30 for expenses for activities.
6. Discussion was held on Field Day operational philosophy. Should the Club go all out to win or have a training school and let everyone operate rather than using the top operators to the best point advantage.
7. Discussion was held on whether to provide food or not for Field Day. Will be discussed at the field day committee meeting.
8. Jess will announce a new Club award program at the next Club meeting.

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This issue of the RF will be sent to many of our past members. I hope they will enjoy it and maybe visit us sometime or let us know what they have been doing.

Dixie, KA6DIO

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-- 1980 CLUB OFFICERS --

PRESIDENT	ERNIE PRITCHARD	WA6FOW	530-0738
VICE PRESIDENT	AL WATTS	W6IBR	839-9368
TREASURER	LOU PARKER	KA6BJO	838-1211
SECRETARY	VIC ALVEY	N6AHB	544-8541
ACTIVITIES	JESS GUADERRAMA	W6LEN	839-2416
MEMBERSHIP	DIXIE MATHERS	KA6DIO	638-2565
PUBLICITY	MURIEL PARKER	KA6BJP	838-1211
T.V.I.	RICK DARWICKI	N6PE	996-2911
MEMBER AT LARGE	TERRY MATHERS	WB6IHZ	638-2565
	MONTY CADUFF	WD6AUS	846-3572

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EDITOR	BOB MALLER	WB6AJV	551-9572
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Meeting: Third Friday of each month at: Time:  
 Mercury Savings and Loan 0330 U.T.C.  
 1095 Irvine Boulevard  
 Tustin, CA 7:30 P.S.T.

Nets: Every Wednesday:  
 CW: 7:00 P.S.T.  
 21.175 MHZ  
 SSB: 8:00 P.S.T.  
 21.375 MHZ  
 TWO METER SIMPLEX: 9:00 P.S.T.  
 146.55 MHZ

Breakfast: First Saturday of each month, 8:30 AM at the  
 Mile Square Golf Course Club House,  
 Warner and Brookhurst, Fountain Valley.

10 Meter Net: Each Tuesday evening:  
 SSB: 7:00 P.S.T.  
 28.775 MHZ

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Callbooks: The latest United States and Foreign Callbook listings  
 are available at the monthly meetings and breakfasts.  
 Additionally, call Jess, W6LEN, at 839-2416.

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MARCH PROGRAM NOTE

Can't work those "Rare Ones" lately?? Does your hair stand on  
 end every time you use your mike??? Could be your antenna is  
 putting more RF back into the rig than the rig is putting out.  
 If that's the case come to our March meeting and give an ear to  
 "Uncle" Vic, N6AHB, and Monty, WD6AUS. Hear of the trials and  
 tribulations and conclusions of their experiments with the  
 construction, care, and feeding of coaxial antennas. It might be  
 just what you're looking for.

220 MHZ DINCO - DABnet

Here is a cheap 220 mhz vertical antenna with some gain. Its a copy of an antenna called a Kingo-Ranger. I call it a Dingo-Dandy, don't ask why.

- 1) Get a piece of electrical house wiring avg 14 or 12 at least 102 inches long. (Fig. 1).
- 2) Leave the insulation on except at the section of wire which will form the 1 turn loading coil. In that area strip away the insulation. (Fig. 1)
- 3) Fold the insulated section of wire above the base wire as shown. (Fig. 2)
- 4) Obtain a plastic bicycle flag pole or other non-metallic support of approximately 6 ft length with which to support the wire vertically.
- 5) Tape or use shrink sleeving to hold wire in place against support.
- 6) Form the 18 inch length of bare wire into a 1 turn coil 4 inches in diameter. The wire remaining below the one turn coil may be left on, or cut off, or grounded. (Fig. 1).
- 7) Feed with 50 ohm coaxial cable. The shield goes to the bottom of the coil. The center conductor taps up on the coil about 1/2 turn from the bottom of the coil thru a variable capacitor about 3-30 pfd. Adjust top position and capacitor for min. vswr. or max field strength if you don't have a VSWR bridge. At my QTH this antenna provides improved performance over a 5/8 antenna. (Fig. 1)

Figure 2 shows an optional feed system. Once the 10 turn coil is positioned for minimum V.S.W.R., it may be held in place with tape. If you want to use the same size wire for this feed system as was used for forming the antenna, experiment with the number of turns in the coil. The number of turns seems to be critical. Start with a coil one inch long. It is important the starting turn (1st turn) of the coil be towards the antenna end of the 1 turn loading coil.

John Gerlach - K6BRD

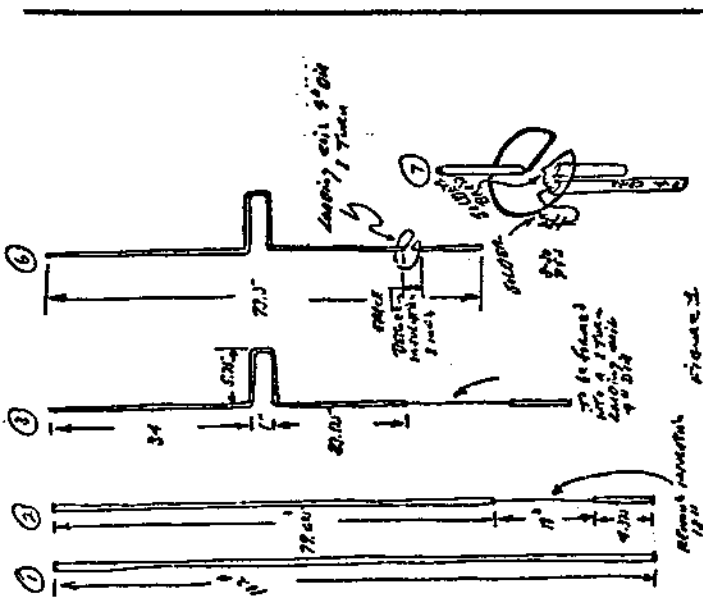


FIGURE 1

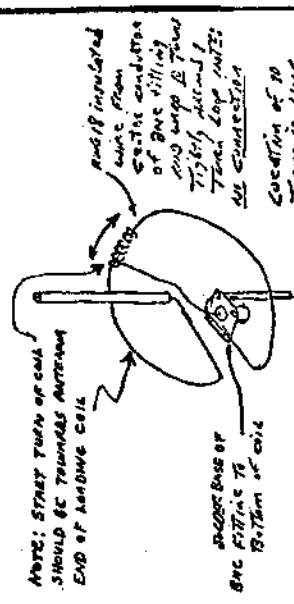


FIGURE 2

THE PREZ SE2:

I hope to see all of you at the meeting this month; especially those that have not been to a meeting this year. Don't forget, if you have not paid your yearly dues yet this will be the last issue of the RF you will receive. Sorry that I had to miss this months breakfast but I had a previous commitment doing some Public Service work with motorcycle racing at the Riverside Raceway.

Don't forget that if you have any input for the RF or the club let our Vice President know so that we may take some action. I would like to see someone come up with a club project that all members could take part in. How about you ATV and Computer people getting together and doing your thing. Any and all ideas are welcome with open arms.

CU at the meeting.

73's

Ernie, W6SPW

FEBRUARY BALANCE SHEET

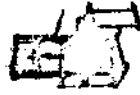
INCOME

Dues.....	\$ 170.00
Coffee Kitty.....	3.60
Donation.....	50.00
Badges.....	6.00
Raffle.....	54.00
	<u>\$ 283.60</u>

EXPENDITURES

RF.....	\$ 37.52
Donuts.....	5.50
Postage.....	75.00
Raffle Prizes.....	20.00
OCARO.....	3.00
Novice Class.....	30.00
	<u>\$ 171.02</u>

Checking Account.....	\$ 1785.01
Savings Account.....	1464.98
Net Total.....	<u>\$ 3249.99</u>
Money Owed.....	\$ 1.22



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W6RZ K50941  
General Manager

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## OCARC MEETING MINUTES

February 15, 1980

1. Officers Roll Call  
All present except Dixie Mathers, Terry Mathers and Monty Caduff.
2. Minutes of last meeting were challenged by Frank Smith. Correction of misprint in RF was made to the Safeco Contribution provisions.
3. Activities Chairman Jess (W6LEN) gave the program. Subject was Contesting. He gave the benefits of contesting, such as sharpening operator skills and techniques. CW skill will be much improved. Also pointed out that the more proficient we become in contests, the better equipped we will be on Field Day. Jess also explained the OCARC Point System for the yearly award.
4. New Members - Chris Winder (W6KFW), Ed Scott (KA6BJS) and Rob Hoff (KA6HNY).
5. Visitors - Loraine McArthur (N6CIO), Betty McMillan (KA6IIT) and Kerry Fields (WB6UMB).
5. No Committee Reports given.
6. Communications - Letter from the Orange County Council asking for a \$15.00 donation for a film. It was moved that we not participate - Motion was carried.
7. Motion was made to buy a broom for the Club. Motion was withdrawn.
8. No outstanding bills for approval.
9. No old business.
10. New Business -
  - a. Letter received from old member - Rod Engel (W6EEK). He enclosed a donation of \$50 to the club.
  - b. It was recommended that the Board of Directors go over the By Laws and update as required.
  - c. It was pointed out that there is an Astronomy course on Sundays at 3:30 PM - Channel 50. Lots of propagation information given.
  - d. Rick Darwicki was elected TVI Chairman for the Club.
11. Treasurers Report - Accepted as printed in the RF.
12. Good of the club -
  - a. Frank nominated (W6RE) as an honorary member. Motion was withdrawn and will be brought before the Board.
  - b. Public Service - Negotiations are in progress with the City of Westminster for public service by Ocarc.

OCARC MINUTES (Cont'd)

- 12. Good of the Club - c. Boy Scouts will have a five KM run in August. Frank would like for OCARC to provide two meter coverage for the event. Seven Members volunteered so the Club will participate.
- 13. Jess will take over the CW New Starting the week of February 17, 1980.
- 14. Activity of Raffles, prizes, etc., will be taken over by Robin Hoff (KA6HNY).
- 15. Meeting was adjourned.

Submitted by Vic Alvey, N6AHB

We are receiving RF's from other clubs which I will be bringing to the April meeting for those of you who are interested in seeing what the other clubs are doing. Here is a list of clubs sending RF's to us. ( I have also been sending to them.) :

- ANAHEIM AMATEUR RADIO ASSOCIATION, INC.
- PALOMAR AMATEUR RADIO CLUB
- SAN FERNANDO VALLEY AMATEUR RADIO CLUB, INC.
- TEN-TEN INTERNATIONAL NET, INC. ( Quarterly Bulletin)
- SOUTH ORANGE AMATEUR RADIO ASSOCIATION
- HUGHES EL SEGUNDO RADIO CLUB
- SAN DIEGO REPEATER ASSOCIATION

I'd like to thank these clubs for sharing their newsletters with us.

73's Dixie

ATTENTION MEMBERS

If you have any change in call sign, address or phone number please let me know so the new membership list can be as accurate as possible.

Thank you  
Dixie Mathers KA6DIO  
(Membership Officer)  
8132 Imperial Ave.  
Garden Grove, Ca. 92644  
(714) 638-2565

FINANCIAL REPORT 1979

INCOME:

*Dues 1979	\$378.00	
**Dues 1980	237.25	
Sweep Stakes	370.00	
Badges	27.50	
ARRL Dues	47.00	
Coffee Kitty	56.31	
Donations-		
F. Galinas	22.00	
N6AHB (Batt)	36.00	
Interest (Svgs.Acct.)	20.26	
Pizza Bust	8.37	
HAMCON	1200.00	
Advertising	25.78	
Auction	47.22	
	<hr/>	
Total Income.....	\$2475.69	\$2475.69

EXPENDITURES:

"R.F."

Postage	\$ 245.80	
Labels	19.28	
Roster	30.96	
Printing	<u>347.53</u>	
	\$643.57	\$ 643.57

MEETING EXPENSES:

Coffee & Donuts	\$132.26	
Sweep Stakes Prizes	<u>251.53</u>	
	\$383.79	\$ 383.79

FIELD DAY:

.....	<u>94.37</u>	94.37
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MISCELLANEOUS:

Letter WB6IHZ	\$ 1.27	
4 Color QSL'S	92.22	
ARRL	44.00	
Badges	50.40	
Flowers	11.08	
L.A. Dues	5.00	
Donation to; VIP	25.00	
"        PCF	10.00	
Plaques	48.97	
P.O. Box Rent	22.00	
Insurance	100.00	
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Total Expenditures.....	\$409.94	\$409.94

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Total Expenditures.....	\$1531.67
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START OF YEAR-1, January 1979	.....	\$ 743.16
INCOME	.....	+2475.69
EXPENDITURES	.....	-1531.67
		<hr/>
Amount to the good of the Club	.....	\$1687.18
		.29
Total amount on hand 31, December 1979.....		<hr/>
		\$1687.47

\*1979 Dues collected prior to 1, Jan. 1979, not included.  
 \*\*1980 Dues collected after 31, Dec. 1979, not included.