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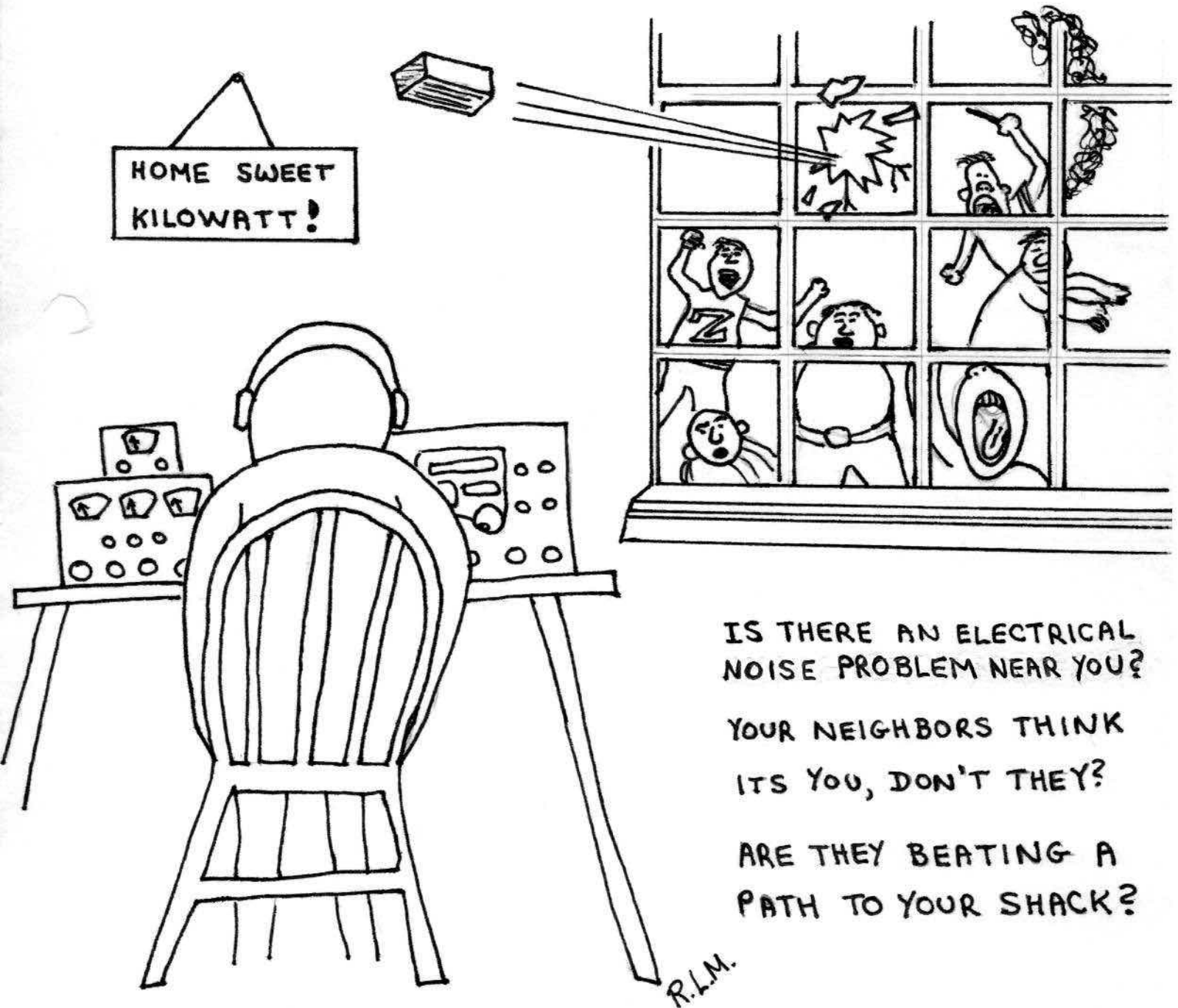
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VOL. XVII, NO. 4

ORANGE COUNTY AMATEUR RADIO CLUB

APRIL 1976



IS THERE AN ELECTRICAL
NOISE PROBLEM NEAR YOU?

YOUR NEIGHBORS THINK
ITS YOU, DON'T THEY?

ARE THEY BEATING A
PATH TO YOUR SHACK?

R.L.M.

-- 1976 CLUB OFFICERS --

PRESIDENT	MARTIN RAYMOND	WB6PEX	532-4090
VICE PRESIDENT	FRIED HEYN	WA6WZO	549-8516
TREASURER	FRANK GREGG	WB6KJS	968-1450
SECRETARY	GENE ZWEIGLE	W6SNR	995-6014
ACTIVITIES	KEN KONECHY	W6HHC	541-6249
MEMBERSHIP	KEI YAMACHIKA	W6NGO	538-8942
PUBLICITY	BOB ECKWEILER	WB6QNU	639-5074
TVI	HAROLD RICHARDS	WA6BJO	544-0083
M.A.L.	ART SHELDON	WA6LHB	832-9676
	ERNIE FUERTE	WA6GXV	838-7017

EDITOR	BOB MALLER	WB6AJV	832-6170
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Meeting: Third Friday of each month at Mercury Savings and Loan, 1095 Irvine Blvd, Tustin, CA at 7:30 pm.

Nets: Wednesday, 7:00 pm. 21.175 MHz CW, and 8:00 pm. 21.375 MHz. SSB. All stations are welcome to check in.

Breakfast: First Saturday of each month, 8:30 at Barnabys Coffee Shop, 144 S. Tustin Ave, Orange CA (So. of Chapman).

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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 Ken Konechy - W6HHC at home (541-6249) on Monday and Friday evenings between 7PM and 9PM if you need addresses. If you have more than one call for Ken to check, he'll get them all and call you back the same night. Also, you can usually catch Ken on the air after the Wednesday evening club net.

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THIS MONTH'S MEETING

Our April meeting will be given by a representative of the Southern California Edison Company. Mr. Bill Nelson (WA6FQG) will present a new program called, "Electrical Interference, Grounding and Safety".

This program will be of great interest to all Amateurs. Mr. Nelson discusses types of interference; not only the types but the effects as well. Things like flourescent lights, electric shavers, power line noise, door bell transformers, arc-welders and everyone's favorite, heating pads.

Does your rig have an adequate ground? How would you know if it did? If it didn't, could you construct one? Find these answers and lots more useful information at the April meeting of the Orange County Amateur Radio Club.

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The deadline for the next RF is ~~Thursday May 13th.~~

WED. MAY 12TH.

THE PREZ SEZ:

Our March program held at the Garden Grove Planetarium, presented by Bob Evans was, as expected, very interesting. The weather man cooperated that night, and at break everyone was outside trying to find the different constellations that were so natural for Bob. It wasn't quite so easy for me to spot them; I'm doing well, if I find the Big Dipper.

I understand from Fried that April will be another program which is quite popular. Bill Nelson from the Edison Company has a new presentation about noise. I'm sure all of us have been plagued with this problem at one time or another, so maybe we will have a little better understanding on some of the conditions which cause it.

Ken, W6HHC, as you all know, is our Activity Chairman. He is getting plans under way for our Field Day which is to be held in the latter part of June. If you have never attended an Orange County Amateur Radio Club Field Day, get involved. We have a great time! We need operators, and especially people (we get more points for attendance). We need bodies to get the antennae & equipment set up (taken down also). For more information look for Ken's article in the R.F.

Incidentally, this guy has to be one of the best Field Day operators on the air. Come out and see for yourself---a pro in action!

See you April 16th at Mercury Savings and Loan.

"73's"

Martin, WB6PEX

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SANDI'S CORNER

Good to see so many YL and XYL's enjoying the stars last month. Bob, WB6IXN, sure gave us a good program as he has in the past. Fried, WA6WZO, (my OM) finally found the north star thanks to Carter WN6???. However he also found that his antenna is off 15 degrees. No wonder he is missing all those DX stations!!!

Have missed hearing Ozzie, WB6PEW, and Frank, WB6KJS, the net just isn't the same without you guys. Hope you have gotten your rigs fixed and we hear you soon.

Kathy has received her long awaited novice call. When you hear WN6KFJ that's Jay's (WA6MOK) XYL. Give her a helping hand.

Congratulation's to Ron WA6FIT for receiving his ARRL WAS Bi-centennial Award number 181.

Ted, K6LJA, did you ever find a post hole digger???

Herb, WB6USF, sure gets around in his new car.

Lloyd, WB6ULU, hope you don't start a fire with that match box.

Nate, WA6MPI, and his XYL are spending two weeks vacation in Hawaii. Hope you tell us all about it at the next meeting.

Congratulation's to Dick, WN6FOV, for passing your general and hope your YL friend Pepper takes her novice test real soon.

SANDI'S CORNER cont'd

Kei, WN6NGO, had a weekend visitor, Tac, J1BRK, who has a new call WB6GOS. Now Kei is going to get a JA call.

See Frank, WB6KJS, if anyone is interested in getting Club insignia, decals, iron on patches, club badges. Also Frank is the person to send your membership dues (\$8.00) if you have not done so yet - dues support the many worthwhile services and programs of the club.

Ted, K6LJA, will help out as TVI chairman until Harold WA6BJO is feeling better.

There will be a board meeting April 20 at 7:30 pm at the home of Frank, WB6KJS.

If you hear a slow CW station on the lower part of 20 meters, give me a call. I need the code practice so I can operate the first 25Kc of all the bands.

Looking forward to the April meeting and finding out all about QRN from Bill, WA6FQG.

If time continues to fly by then June will be here and we will all be enjoying another Field Day.

BCNU,
88,
Sandi; WA6WZN

.....
FIELD DAY IS COMING!!!!

It is time to start planning for the 1976 Field Day to be held June 24 and 25. At present, the OCARC has applied for permission to once again use the USMC helicopter base on Red Hill Blvd., Santa Ana. I would like to now put out a call for volunteers to be team captains for the various bands. The club hopes to have stations on 80, 40, 20, 15, and 10... and we sure won't turn down somebody who wants to be captain for 2 mtrs, 6 mtrs, or 160 mtrs. In addition to team captains, a chart will be available at the meetings to sign up volunteers to support each band. So sign-up if you can come out for a few hours or more and help set up or log or operate or take down on Field Day.

One last item ... the OCARC would love to find a volunteer to take responsibility for the food at field day. This usually involves preparing meals for dinner and breakfast. Please contact me if you are interested.

.....So start thinking about Field Day, begin your plans, sign-up at the meeting.

Ken Konechy-W6HHC (541-6249)
Field Day Chairman,
Activities Chairman.

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OFFICIAL APRIL 1976 MEMBERSHIP ROSTER

WA6TCB	AHLEFELD, RICHARD	538-3767	
	2020 W. Maple, Orange	92668	
WB6USF	BARTLETT, HERB	(213) 429-8998	
	4548 Obispo Ave., Lakewood	90712	
WB6YNR	CALVERT, JIM	633-7798	
	1262 San Remo Place, Orange	92669	
WB6FEW	COLONNA, OSWALD	531-5480	
	401 South Cooper, Santa Ana	92704	
K6RQD	CUTSHALL, WAYNE	774-7484	
	853 South Clementine, Anaheim	92805	
WB6ARK	DENNY, ROGER	894-0416	
	5372 Santa Barbara, Garden Grove	92645	
WB6NVK	DOMINGUES, FRED	639-4658	
	10311 Sherwood Circle, Villa Park	92667	
WB6VOV	DUEBENDORFER, ERNIE	539-6469	
	9292 Vons Drive, Garden Grove	92641	
WB6QNU	ECKWEILER, BOB	639-5074	
	667 Coate Drive, Orange	92669	
WB6IXN	EVANS, ROBERT	543-9111	
	701 South Kilson Drive, Santa Ana	92701	
WA6GXV	FUERTE, ERNIE	8397017	
	513 North Rosita, Santa Ana	92703	
K6AFM	GELINAS, FRANK	547-0727	
	1538 E. 4th St., Santa Ana	92701	
K6LJA	GLICK, TED	542-1390	
	1009 River Lane, Santa Ana	92702	
WN6LLU	GRAFF, CHARLES	842-2423	
	16191 Marjan Lane, Huntington Beach	92647	
W6KW	GRIGGS, JOHN		
	1273 13th St. Baywood Park, Los Osos	93401	
WB6KJS	GREGG, FRANK	968-1450	
	17310 Gum Circle, Fountain Valley	92708	
WA6MOK	HALL, JAY	531-8448	
	10491 Mast Ave., Westminster	92683	
WB6ULU	HARWOOD, LLOYD	538-7081	
	459 Handy, Orange	92667	
WA6WZO	HEYN, FRIED	549-8516	
	962 Cheyenne, Costa Mesa	92626	
WA6WZN	HEYN, SANDI	549-8516	
	962 Cheyenne, Costa Mesa	92626	
WB6UDC	HOLLANDER, JACK	544-5369	
	13521 Malena Drive, Tustin	92680	
WA6MPI	HOOKE, NATHAN	545-1298	
	1809 S. Garnsey Street, Santa Ana	92707	
WB6PEF	HULL, LYNN V.	997-1229	
	3331 Stearns Drive Orange	92669	

MEMBERSHIP ROSTER - cont'd

WAGMGI	KIRVEN, CARTER	642-8678	
	1215 Oxford Lane, New Port Beach		92660
W6OOH	KLOS, DON	832-9682	
	13562 Lorretta, Tustin		92680
W6HHC	KONECHY, KEN	541-6249	
	2201 North Eastwood, Santa Ana		92701
WA6VNE	MADDIGAN, TOM	542-6580	
	2405 Fairmont, Santa Ana		92706
WB6AJV	MALLER, ROBERT	832-6170	
	2292 Coco Palm Drive, Tustin		92680
WB6IHZ	MATHERS, TERRY	638-2565	
	8132 Imperial Ave, Garden Grove		92644
* W6PJU	MAXON, MILDRED	724-5131	
	221 Knoll Road, Vista		92084
* W6DEY	MAXON, ROY	724-5131	
	221 Knoll Road, Vista		92084
WB6FNX	MILLER, SAUL	532-3986	
	3237 Gainsborough Road, Orange		92669
WA6ULV	PEARSON, RICK	847-1864	
	16681 Tiber Lane, Huntington Beach		92647
WN6FOW	PRITCHARD, ERNIE	530-0738	
	13461 Mickey St., Garden Grove		92644
WB6PEX	RAYMOND, MARTIN	532-4090	
	1147 North Hart, Orange		92667
WA6BJO	RICHARDS, HAROLD	544-0083	
	18802 East 17th St., Santa Ana		92705
WA6LHB	SHELDON, ART	997-3735	
	12872 Woodlawn Ave., Tustin		92680
WB6MCU	TIBBETSS, ROY	846-6089	
	5251 Heil Ave., Huntington Beach		92649
* W6SGZ	VER DUFT, JERRY		
	18712 Felbar Ave., Torrance		90504
W6NGO	YAMACHIKA, KEI	538-8942	
	11671 Santiago, Orange		92669
W6SNR	ZWEIGLE, GENE	995-6014	
	10536 Sylyan St., Anaheim		92804
WA6LFF	KINGSBURY, JIM	531-8717	
	11392 Stoecross Ave., Fountain Valley		92708

* Honorary Lifetime members of the Orange County Amateur Radio Club.

EDITORIAL

WARC-79 AND COMMUNICATIONS HOBBYISTS

The year 1979 will be a milestone in the world of communications. This is when the World Administrative Radio Conference (WARC) of the International Telecommunications Union (ITU) will be held to reexamine uses of the radio spectrum and institute changes reflecting needs and new technology for the remainder of the century.

For hams and SWL'ers, this conference will likely be the most important "happening" in a long, long time. To a lesser extent, CB'ers will be interested in the outcome of WARC-79 because it is hoped that CB will be recognized as an international service.

The present division of the radio spectrum is based largely on major changes made in 1947. At that time, meetings were dominated by the leading nations in science and technology - the U.S., U.S.S.R., U.K. and France. The same was essentially true at the last meeting in 1959. But the passing of 20 years promises a dramatic change.

Expanded by the entry of new countries, the membership at WARC-79 can be expected to be about one-third higher than at the 1947 conference. Because each country has an equal vote (as in the General Assembly of the United Nations), any under-developed country's vote holds as much weight as the U.S.'s. More importantly, decisions are binding in the sense of being international agreements. And clearly, cooperation and agreement are most desirable to maintain orderly radio "traffic."

Many of the new nations to be represented at WARC-79 are indifferent to the radio-advanced nations and couldn't care less about some radio services. The advancement of amateur radio could conceivably suffer because of these attitudes. As an example of what ~~1979~~ might harbor, consider the experiences at the Geneva Space Radio Conference (1971). New Zealand proposed that five amateur bands be considered individually for close study of spectrum allocations, with the purpose of getting a small portion of higher frequencies for hams. Statements supporting this view were made by the U.S., U.K., Canada, Italy, Denmark, Israel and the Philippines. Statements against were made by Cuba, Syria and Sweden. New Zealand's proposal lost by a vote of 38 to 26 with 6 abstentions. As a result, amateur use of these higher frequencies was put to a second test on a "should they" or "should they not" proposition. The amateur group lost: 46 against, 18 for,, 7 abstentions.

With the radio spectrum expected to expand up to 275 GHz, it's important for amateur radio to stake out its claim for the future. Over the years, amateur radio spectrum space has been chipped away in one region or another. Unfortunately, there don't seem to be too many countries today that will give strong support to amateur radio. Furthermore, the "third-world" countries are heavily dependent upon point-to-point communications in the high-frequency bands. Accordingly, there might be an effort to slice away at present international shortwave allocations to favor national interests. And "CB" radio is not beloved in many countries either. So we in the U.S., with only one vote, need all the friends we can marshal at the upcoming WARC-79.

from: POPULAR ELECTRONICS

MEETING MINUTES: March 19, 1976

7:55 Martin, WB6PEX, led flag salute

Roll call of officers

Fried WA6WZO introduced speaker

Bob Evans WB6IXN gave a most entertaining and informative presentation on star positions in the heavens. Applications in radio astronomy and direction finding were shown along with seasonal variations of skies.

Coffee and donut break

New members and guests introduced

Treasurers report read

Announcements: Field day for June 26-27

Old business : None

- New business::
1. Generated list for Bob Evans, WB6IXN, of club members available to give Novice exams
 2. Bob, WB6QNU, is compiling a list of electronic part surplus houses for the membership

Good of the club: None

Mr. RF - Don W6OOH tickets awarded to Frank WB6KJS

Raffle held

9:50 Meeting adjourned

Submitted by: Gene Zweigle, W6SNR

.....
VISITORS LIST FROM THE MARCH 19TH MEETING.

Pepper Hawkins		1317 -B N. Bewley Santa Ana	92703
Richard Ferdon	WN6FOV		
John F. Lyon	W6HNI		
Ruben A. Martinez		4402 W. Oakfield Ave Santa Ana	92703
Dell Hooker		1809 S. Garnsey Santa Ana	92707
Robert Miller		2021 Margie Lane Anaheim,	92802
Al Watts	W6IBR	6722 Bestel Ave Westminster	92683
Dotty Watts	W6IBP	6722 Bestle Ave Westminster	92683

SHAPE UP OR LOSE CHANNELS, CB ENTHUSIASTS TOLD

Applications for Citizens Band radio licenses have quadrupled in the past year, and the president of the 650,000 member U.S. Citizens Radio Council says the boom has resulted in "disgusting" problems for serious CB operators.

George Martin of Anniston, Ala., told his organization's annual meeting here (Hot Springs, Ark.) this weekend that people who use CB radio "have to straighten out or lose the CB channels."

The Federal Communications Commission received 204,918 CB license applications in September 1975, compared with 38,325 applications in September 1974. The commission says it expects the number of applications received last month to total more than 250,000.

Overcrowding of CB channels now is causing horrible problems, Martin said, such as children who use CB radios as toys and adults who "show no courtesy to their fellow CBers."

He said the FCC estimates that 30 to 50 percent of the nation's CB operators don't have licenses - a violation punishable by up to two years in prison and a \$10,000 fine.

"We regulate all broadcast media, and this CB surge has put a tremendous burden on us," said William Simpson of the FCC office in New Orleans. "We've had to curtail some work in other areas."

Martin said the FCC must enforce its CB rules and CB operators must regulate themselves to stave off the possibility of a future ban by the federal government on CB operations.

"There are more than 10 million CB radios in the country. That means there are nearly 500,000 persons for every one of the 23 CB channels, and if we misuse the channels we're in trouble," he said.

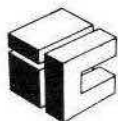
Martin's organization has successfully lobbied for several years to ease strict rules for CB operators, allowing the channels to be used for pleasure and reducing license fees from \$20 to \$4.

from: The REGISTER

Monday, Nov. 10, 1975

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Some or all of the prizes at the meetings are provided through the courtesy of the stores listed below. Your patronage is encouraged to maintain their generosity.



(714) 997-5343

GREG ELMASSIAN

J.C. ELECTRONIC SUPPLY

STATE OF THE ART FOR: R&D - INDUSTRY - EXPERIMENTER
619 W. KATELLA AVE., ORANGE, CALIFORNIA 92667

931 North Euclid Avenue, Anaheim, California 92801

Walt Henry, Sr. W6ZN
931 N. Euclid Ave.
Anaheim, California 92801
(714) 772-9200 / (213) 430-7997

Henry Radio

714/772-9200 - 213/430-7997

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

APR. 1976

FOR SALE CORNER . . .

TV-FM Sweep Generator EICO 360, Audio Generator Heathkit
IG-82, VTVM Heathkit IM-13, RF Sig. EICO.....\$ 25
Scope - Heathkit IO-102.....\$ 65
EICO 753 SSB with AC P/S DC P/S, missing transformer\$ 75
SB-101 Heathkit with A/C, D/C P/S.....\$200
Color Bar Generator, Heathkit.....\$ 50
Contact Bert J. Friend (W6JYI)
(213) 968-5218

ORANGE COUNTY AMATEUR RADIO CLUB, INC.
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ORANGE, CALIFORNIA 92668

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FIRST CLASS MAIL !!!

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