HOME SWEET KILOWATT!

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  WA6ZQO  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 SHELTON  WA6LHB  832-9676
ERNIE FUERTE  WA6GXV  838-7017

EDITOR  BOB MALLER  WB6AJV  832-6170

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).

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.

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.

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 antennas & 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, WB6FEX

SANDI'S CORNER

Good to see so many YL and XYL's enjoying the stars last month. Bob, WB61XN, sure gave us a good program as he has in the past. Fried, WA6WZQ, (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, WB6FEW, 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 WN6KFI that's Jay's (WA6MKO) XYL. Give her a helping hand.

Congratulations to Ron WA6FIT for receiving his ARRL WAS Bicentennial 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.

Congratulations 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, JA1BRK, 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, WA6PQG.

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.
<table>
<thead>
<tr>
<th>Callsign</th>
<th>Name</th>
<th>Address</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>WAGTGB</td>
<td>Ahlefeld, Richard</td>
<td>2020 W. Maple, Orange 92668</td>
<td>538-3767</td>
</tr>
<tr>
<td>WB6USF</td>
<td>Bartlett, Herb</td>
<td>(213) 429-8998</td>
<td>4548 Obispo Ave., Lakewood 90712</td>
</tr>
<tr>
<td>WB6YNR</td>
<td>Calvert, Jim</td>
<td>633-7798</td>
<td>1262 San Remo Place, Orange 92669</td>
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<tr>
<td>WB6PEW</td>
<td>Colonna, Oswald</td>
<td>531-5480</td>
<td>401 South Cooper, Santa Ana 92704</td>
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<tr>
<td>K6RQD</td>
<td>Cutshall, Wayne</td>
<td>774-7484</td>
<td>853 South Clementine, Anaheim 92805</td>
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<tr>
<td>WB6ARK</td>
<td>Denney, Roger</td>
<td>894-0416</td>
<td>532 Santa Barbara, Garden Grove 92645</td>
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<tr>
<td>WB6NVK</td>
<td>Domingues, Fred</td>
<td>639-4658</td>
<td>10311 Sherwood Circle, Villa Park 92667</td>
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<tr>
<td>WB6VOD</td>
<td>Dubeendorfer, Ernie</td>
<td>539-6469</td>
<td>9292 Vons Drive, Garden Grove 92641</td>
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<tr>
<td>WB6QNU</td>
<td>Eckweiler, Bob</td>
<td>639-5074</td>
<td>667 Coate Drive, Orange 92669</td>
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<tr>
<td>WB6IXN</td>
<td>Evans, Robert</td>
<td>543-9111</td>
<td>701 South Kilson Drive, Santa Ana 92701</td>
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<tr>
<td>WA6GXV</td>
<td>Fuerte, Ernie</td>
<td></td>
<td>839-70117</td>
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<tr>
<td>K6AFM</td>
<td>Gelinas, Frank</td>
<td>547-0727</td>
<td>1538 E. 4th St., Santa Ana 92701</td>
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<tr>
<td>K6LJ4A</td>
<td>Glick, Ted</td>
<td>542-1390</td>
<td>1009 River Lane, Santa Ana 92702</td>
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<tr>
<td>WN6LLLL</td>
<td>Graff, Charles</td>
<td>842-2423</td>
<td>16191 Marjan Lane, Huntington Beach 92647</td>
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<tr>
<td>W6KW</td>
<td>Griggs, John</td>
<td>1273 13th St. Baywood Park, Los 0658 93401</td>
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<tr>
<td>WB6KJS</td>
<td>Gregg, Frank</td>
<td>968-1450</td>
<td>17310 Gum Circle, Fountain Valley 92708</td>
</tr>
<tr>
<td>WA6MOK</td>
<td>Hall, Jay</td>
<td>531-8448</td>
<td>10491 Mast Ave., Westminster 92683</td>
</tr>
<tr>
<td>WB6ULU</td>
<td>Harwood, Lloyd</td>
<td>538-7081</td>
<td>459 Handy, Orange 92667</td>
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<tr>
<td>WA6WZO</td>
<td>Heyn, Fied</td>
<td>549-8516</td>
<td>962 Cheyenne, Costa Mesa 92626</td>
</tr>
<tr>
<td>WA6WZM</td>
<td>Heyn, Sandi</td>
<td>549-8516</td>
<td>962 Cheyenne, Costa Mesa 92626</td>
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<tr>
<td>WB6UDC</td>
<td>Hollander, Jack</td>
<td>544-5369</td>
<td>13521 Malena Drive, Tustin 92680</td>
</tr>
<tr>
<td>WA6MPI</td>
<td>Hooker, Nathan</td>
<td>545-1298</td>
<td>1809 S. Garnsey Street, Santa Ana 92707</td>
</tr>
<tr>
<td>WB6PEF</td>
<td>Hull, Lynn V.</td>
<td>997-1229</td>
<td>3331 Stearns Drive Orange 92669</td>
</tr>
</tbody>
</table>
MEMBERSHIP ROSTER - cont'd

WAGMG I  
KIRVEN, CARTER  642-8678  
1215 Oxford Lane, New Port Beach  92660

W6OOG  
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

WB6HIZ  
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

WA6BJ0  
RICHARDS, HAROLD  544-0083  
18802 East 17th St., Santa Ana  92705

WA6JHB  
SHELDON, ART  997-3735  
12872 Woodlawn Ave., Tustin  92680

WB6MCU  
TIBBETTS, ROY  846-6089  
5251 Heil Ave., Huntington Beach  92649

* W6SGZ  
VER DUFFT, JERRY  
18712 Felbar Ave., Torrance  90504

W6NGO  
YAMACHIKA, KEI  538-8942  
11671 Santiago, Orange  92669

W6SNR  
ZWEIGLE, GENE  995-6014  
10536 Sylvan 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 58 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 W600H 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
Richard Perdon 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 38,525 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

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.
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 755 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