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ORANGE COUNTY AMATEUR RADIO CLUB

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VOL. XXI, NO. 9

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

SEPTEMBER 1980

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ORARC Meeting Minutes 8-15-80

1. Early Bird drawing was won by John Christopher WD6GXZ. John was the recipient of \$25.00.
2. Meeting was held at Tustin Lanes.
3. Minutes of last meeting was accepted as printed in RF.
4. Program - Presented by Bruce Plowman VK3QC. An enlightening oration about Australia and Australian ham radio structure.
5. Reinstated members introduced were Fran Gelinas K6AFM and Cressy Murray N6BJW.
6. Visitors - Bruce and Muriel Plowman VK3QC, Bob Knaggs VK3AJN, Lyn Knaggs, Mary Hoff, Jim Reynolds KA6IIO, Van Forest KA6GWA, Brian Holdcroft KA6LJW, Joe Moel WA6JFP, April Moel WA6OPS.
7. All committee reports were tabled because of the late hour due to the wonderful program.
8. Ken Konechy W6HHC will be chief auctioneer.
9. Frank Smith WA6VKZ will take care of flyers for forthcoming auction.
10. It has been decided at the last board meeting that traffic will again be originated and relayed at the beginning of all nets.
11. CW net - 21.175 - Wednesdays 7:00 pm - 15-meters.  
Jerry Ziliak KB6MT Net Control, Jim Brown W6BZW Alternate.
12. Novice Hotline will be run by:  
Al Watts W6IBR 10:00 am - 9:00 pm (714)839-9368  
Jim Brown W6BZW 7:00 pm -10:00 pm (714)557-5195  
Monty Cadiff WD6AUS 10:00 am - 9:00 pm (714)846-4052
13. Meeting was adjourned.

Muriel H. Parker KA6BJP  
Public Relations



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THE VP SEZ

No doubt you've noticed a new addition to the services the club is offering to it's members "The Novice Hotline". While it's designed primarily for the Novice, the Tech's, General's, Advanced, and even the Extra's can avail themselves of the services. What it is is really simple. If a "glitch" shows up in your gear then give any of the numbers listed a buzz and the person on the other end of the line will try to help you. We don't guarantee an answer right off the "top of our heads", but, we'll try to find out the right answer, or refer you to someone who's had the same problem and solved it. Personally speaking, I sure wish that service had been available a couple of years ago when it cost me \$85 to find a simple "glitch" in my gear that I kept overlooking. The nice thing about this service is it's a Freebie and you don't find many of those animals these days...

As I sit here typing this with the temperatures in the low 90's it's kind of hard to think of "winter winds" but we all know they are going to arrive. Which brings up the topic of the annual Christmas Banquet. You all know we have a great place this year to "stuff ourselves" so come "lean and mean". The cut off date for reservations is November 21st. While that seems a long way off it ain't that far away. The price is \$8 per for adults and \$5 per for the "rug rat" group. The place is Longfellow's in Anaheim. The food is excellent and I know the company is going to be super. I know for a fact that our treasurer would be overjoyed and tears of happiness would stream down his cheeks if you would surprise him and bring him a check in your little hot hand starting with the September meeting.

Al, W6IBR

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Here Ye, here ye...

The Editors phone number is 551-9572. It is none other. Do not dial anything else and expect to get me. It is asking too much.

The deadline for the October "RF" is Monday October 6th. Please have all articles to me by that date.

TNX, Bob Maller, Editor.

Thank you to: Robert Evans (W6IXN), Robin Hoff (KAGHNY), Jerry Ziliak (KB6MT), Al Watts (W6IBR) and Lou Parker (KAGBJO) for their articles and assistance with the September "RF".

The Editor

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PREZ SEZ: I am sure all of your join with me in thanking Bruce, WK3QC for a truly FB program at our last meeting. It was great to see so many members, former members, and guests at the meeting. I enjoyed very much seeing so many club members at the Southwest ARRL convention. I hope we will have a good turn out for the up coming meeting. 73 Ernie WA6POW

FROM THE SCM: October 17, 1980 is the date of the simulated emergency test(SET) for North Orange County. I encourage all of you to participate in this exercise. Remember membership in the ARRL or ARES is NOT required nor does participation involve a large time commitment. The exercise will be under the direction of Ralph WB6JBI. Hopefully more details will be available at meeting time. Best of 73's Fried WA6WZO

Congratulations: Muriel KA6BJP and Marian KA6LSB on upgrading. Marian also won a S-1 at the recent convention. KA6HNY was appointed O.T.S..

TVI: Well we are working on our first TVI problem and hopefully by next month we will be able to lay out the entire problem and its solution for you. The case involves a member's station suddenly appearing on a neighbor's telephone as well as his TV set. Clues thus far are: No changes in station, no TVI in home QTH and recent appearance of problem at "friendly" neighbor's home.

While at the ARRL convention I spent about three hours with the DX QSL bureau ham for all calls beginning with suffix "H". He sorts and mails approximately 19,000 pieces annually. At the present time he has 4,000 unclaimed cards. Multiply that number by 26 and you begin to realize the magnitude of the problem in 6 land alone. Under a new ARRL directive the cards may be destroyed after 90 days rather than the previous 1 year. In many countries wouldbe hams must show evidence of having been a "SM" for a period of time before being licensed. Their QSL cards are a part of this unclaimed backlog. To make it easy for members of the club to claim their cards I will see that a SASE of the appropriate size with postage is placed on file with the bureau. You need only let me know at the next meeting and give me 25c per envelope. This is a "net" deal to help the bureau and to make it easy for you. Remember you may have cards waiting even though you have not worked any "DX". -robin -/...-/-

CONVENTION 80-- (some fiction HIHI)

The Orange County Amateur Radio Club was well represented at the just concluded convention. Total attendance was over 2,000 with about 500 attending the banquet. The technical sessions were very well attended. OCARA members Fred AG60 and Fried WA6WZO contributed a FB program on Ham computers to a standing room only crowd. Sandi, WA6WZJ manned the YL booth most of the day. Marian, KA6LSB walked off with a new Tempo S-1 as a door prize, much to the surprise and envy of Oh Dan. Lou KA6BJO and Muriel KA6BJP joined AL W6IBR and his wife in eyeballing the many fine manufacturer's exhibits. Lloyd, WB6ULU, was there in full uniform manning the USCG Aux booth. Alex, W6RE was seen constantly in the chow line with a very relaxed look on his face. He chaired last year's convention. Bob AF6C and Howard KA6CZI were also seen around the goodies. Robin tubed the code (13WPM) for third time the FCC testing booth. Robin tubed the code (13WPM) for third time and no word from Craig on his advanced test results. Robin's efforts at the code are about like the Indian's trying to buy back Manhattan. You know Ernie WA6POW was there and eating. Alfred WD6DIY, TED KA6GVK, and Judy WA6HEL put in an appearance. Terry WB6IHZ carried a large sign around asking if there was rally life on six meters. Al KA6IJJ, John W6KW, Martin WB6PEX, KEI W6NGO, Bill WD6ESS, and a generous amount of YL's and harmonics made the OCARA's participation most impressive. Hopefully some of the members attending the technical sessions will share their impressions in next month's RF. 73's Robin

Annual Auction time is rapidly approaching so be sure to gather up your fine junkie. The auction will be held at our usual meeting place: Mercury Savings and Loan, 1095 Irvine Blvd, Tustin, California, One block east of Newport Blvd. The rules for this years auction are listed below. Please help the club spread the word to all repeaters, nets, jungle drums etc. Activities Chairman, Frank WA6VKZ will be getting a flyer together for this event. Lets all plan to help make this the biggest auction ever.

AUCTION RULES

- 1. A fee of \$1.00 will be charged to each seller for registration. Buyers admitted free.
2. The club will collect a commission of 10% of the selling price of each item, not to exceed \$6.00.
3. Sellers must register at auction committee table, pay fee, and receive a seller ID number. Auction item ID tags containing seller ID number and item numbers, starting at 1, will be given to seller.
4. Small parts must be bagged into groups of \$1.00 minimum. (Extra plastic bags will be available for nominal charge). Bagged items may be sold directly by auctioneer or auctioned at his discretion.
5. Sellers may indicate minimum bid of items and must so mark each item.
6. Items will be auctioned off, in rotation, three per seller, until all items are sold. Selling order will be by seller number.
7. Blank tags will be available for seller's to mark their items.
8. Items that are placed for auction and thus tagged prior to start of auction must be sold as an auction item. (Please, no side deals)
9. Tables will be available to sellers at 6:30 PM, auction starts at 7:30PM with Seller #1, Item #1.
10. Items will be limited to those of an ELECTRONIC nature.
11. Items may be donated to OCARC with all proceeds from the sale going to the club.
12. Please help protect the tables from getting scratched. Newspaper will be available to put under heavy or sharp equipment.

So mark your calendar for October 17, 1980 and bring some goodies. Early indications are that this will be a great event with a broad spectrum of gear available to appeal to all.

Thanks to "Tustin Lanes" for the use of a meeting room.. it is appreciated.

DLANES

714/731-5022

Tustin Lanes

DICK GOLDSTEIN
Center Manager

1091 Old Irvine Blvd.
Tustin, CA 92680



CQ CQ CQ  
de

# THE CHRISTMAS "FEAST"

THE DATE: SUNDAY, DECEMBER 14, 1980

THE TIME: 6:00 PM OR 1800 OR 0200Z FOR ALL YOU PURISTS

THE PLACE: LONGFELLOW'S, 710 EAST KATELLA AVE., ANAHEIM

THE DIRECTIONS: (PLEASE FORGIVE ME, I FLUNKED ART APPRECIATION 101)



(PLEASE TURN UPSIDE DOWN. YOU CAN SEE I ALSO FLUNKED MAP MAKING TOO)

THE COST: \$8.00 PER PERSON INCLUDING TROPS. 12 YEARS AND OVER

\$6.00 PER PERSON FOR "RUG RATS"

GIFT EXCHANGE: MAXIMUM \$2.00 GIFT FOR ADULTS. PLEASE BRING WRAPPED AND NAME TAGGED GIFT FOR TROPS. IF DESIRED. OUR RESIDENT SANTA CLAUS WILL TAKE IT FROM THERE.....

RESERVATIONS SHOULD BE IN NO LATER THAN THE NOVEMBER 21ST MEETING. CHECKS MADE PAYABLE TO O.C.A.R.C. EITHER BRING CHECKS TO MEETING OR MAIL TO:

LOUIS PARKER KA0BJO  
5200 IRVINE BLVD # 29  
IRVINE, CA. 92714

\*COME HUNGRY AS THEY REALLY SERVE THE FOOD, OR FORGET WEARING YOUR BELT.. "HARD STUFF" AVAILABLE FOR THOSE WHO WANT IT FROM THE BAR.... SEE YOU ALL THERE....

73  
W6IBR

OCARC OFFICERS - 1950 (addendum to OCARC history - List of Club Officers - Part 10)

President:
Vice Pres:
Secretary:
Treasurer:

OCARC OFFICERS - 1951

President: Samuel (Mac) McNeal, W6LDJ
Vice Pres: Bernard Litwak, W6RBA
Secretary: A. Van Compennolle, W6FCT
Treasurer: A. Van Compennolle, W6FCT

OCARC OFFICERS - 1952

President:
Vice Pres:
Secretary:
Treasurer:

OCARC OFFICERS - 1953

President:
Vice Pres:
Secretary:
Treasurer:

OCARC OFFICERS - 1954

President:
Vice Pres:
Secretary:
Treasurer:

OCARC OFFICERS - 1955

President: Ken Kessel, W6BVI
Vice Pres: Keith Berens, W6CWU
Secy/Trea: Rehse Mowry, W6OZO

OCARC OFFICERS - 1956

President: Bob Swenson, W6HIL
Vice Pres: Jim Ramsey, K6BGC
Secy/Trea: Joe Burke, K6IBY

THE CARE & FEEDING OF NICAD BATTERIES
Most of us have or will have rechargeable batteries in our projects and radios. As time progresses the Nicad Battery is becoming a popular source of storable energy. These batteries are here to stay but they do have some shortcomings.

The most common fault is a battery that will not take a charge and electrically looks like a short, this will happen after a period of non usage. The cure is simple. Using a healthy power supply, force enough current through the battery to bring the terminal voltage up to 1.5 volts. You may have to force as much as 10 times the normal charging current. As the battery begins to take a charge you will see the current start to go down as the battery voltage rises. This process usually takes about 10 seconds. When the voltage reaches 1.5 volts, charge as per the manufacturers specs. Another typical problem is a cell that won't accept a charge and looks like an open cell. The cure for this (sometimes) is to charge in the reverse direction for 5 minutes at no more than 100 ma. After this time try to charge the cell as normal. If it still won't take a charge, use as a paper-weight, coil winding form or circle drawing aid!

How about a battery pack that won't take a charge or will not charge up to the proper voltage? Regardless of the pack voltage it is made up of individual cells that are rated at 1.25 volts each. What happens is that one (or more) of the cells becomes discharged more than the rest. When charging is attempted the low cell (or cells) is reverse charged with respect to all of the other cells, this makes the entire pack look bad. The solution is simple:

- 1. Use a sharp knife and cut the jacket off of the battery pack to expose the individual cells. Do not cut the wire straps that interconnect the cells.
2. Measure the voltage of each cell. You will find one or more cells lower than the rest.
3. Discharge all of the good cells one at a time with a 1 ohm resistor until each of the good cells voltage drops to .9 volts.
4. Charge all of the cells one at a time at 50 ma. for one hour.
5. Tape the cell pack back together with masking tape or electricians tape. Charge battery pack per manufacturers instructions on battery pack. Normal charge is 10% of the discharge current/hour rate printed on battery for 16 hours. An example is a cell rating printed is 500 ma. hr. you would charge at 50 ma. for 16 hours.

If you have a constant current power supply, you can quick charge any Nicad Battery or battery pack by charging for 4 hours at 3.5 times the regular charging rate. Normal charge rates at 16 hours for standard cells is as follows:

- "AA" size cell - 50 ma.
"C" size cell - 100 ma.
"D" size cell - the same as "C" cell. Inside of the "D" cell is a "C" cell. The packaging is only larger. KB6MT - Jerry

Help! Help! Who were the club officers in 1952, 1953, and 1954?
Was the club active during these years?
If you have QST's for these years, please check the proceedings of the Southwestern Division.
Check records for the Los Angeles Section and the San Diego Section.
Remember, such notables as: Rehse Mowry, W6OZO; Horace Bates, W6QZC; and Marinus Conway, W6SUPP were active in Santa Ana then. Also, don't forget Shelley Trotter, W6BAM, and Roy Maxson, W6DEY.
Mention their names on the air! Question anyone who can remember anything about ham radio in Orange County during the years 1952 - 1954. Pass any good leads on to me, Bob Evans (phone no. below).
PS: DON'T FORGET THE YEAR 1950 EITHER!!!

Editorial Staff:
W6OZD
W6DEY, Roy Maxson
W6PTU, Mildred Griffin
W6ZE, Earl Griffin
Activities:
Rehse Mowry, W6OZO
W6OZO, W6DEY, W6PJU,
W6SUPP, Marinus Conway,
W6ZE
Editorial Staff:
(frm Bob Evans, WB6DXN, Historian)
Ph: 543-9111

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

SEP. 1980

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QST DE W1AW  
HR ARRL BULLETIN NR 89 FROM ARRL HEADQUARTERS  
NEWINGTON CT SEPTEMBER 3, 1980

TO ALL RADIO AMATEURS

LICENSE FEE REFUND, PHASE TWO, BEGINS TODAY. LICENSEES WHO PAID FEES OF FOUR TO TWENTY DOLLARS TO THE FEDERAL COMMUNICATIONS COMMISSION BETWEEN AUGUST 1, 1970 AND FEBRUARY 28, 1975, MAY APPLY FOR PARTIAL REFUNDS OF THOSE FEES. INSTRUCTIONS AND APPLICATIONS MAY BE OBTAINED FROM FCC OFFICES OR BY SENDING A LONG SELF ADDRESSED ENVELOPE TO FCC REFUND, SPECIAL REQUESTS, ARRL, NEWINGTON, CT 06111.

QST DE W1AW  
HR PROPAGATION FORECAST BULLETIN NR 35  
FROM ARRL HEADQUARTERS NEWINGTON CT  
SEPTEMBER 5, 1980

TO ALL RADIO AMATEURS

NEW SOLAR ACTIVITY REPORTED LAST WEEK KEPT THE SOLAR FLUX RISING THROUGH SEPTEMBER 3, WHEN THE FIGURE WAS 228. THIS WAS NEARLY 100 POINTS ABOVE THE SAME PERIOD IN THE PREVIOUS SOLAR ROTATION. THERE IS ALSO SOME CURRENT ACTIVITY WHICH SHOULD KEEP THE SOLAR FLUX ABOVE 200 FOR A FEW MORE DAYS. CURRENT READINGS ARE THE HIGHEST SINCE JULY 20, AND ARE CLOSE TO THE HIGHS OF SEPTEMBER LAST YEAR. IT IS HOPED THAT THE NEW ACTIVITY WILL LAST AT LEAST THROUGH THREE ROTATIONS, THUS IMPROVING THE CHANCES FOR 50 MHZ DX IN OCTOBER AND NOVEMBER.

IN RECENT DAYS THE 28 MHZ BAND HAS BEEN OPEN TO EUROPE FROM MOST OF NORTH AMERICA. THIS WILL CONTINUE THROUGH THE FALL WHENEVER GEOMAGNETIC ACTIVITY IS LOW, AS INDICATED BY WWV K INDICES OF 2 OR LOWER. BEST CONDITIONS ARE LIKELY SEPTEMBER 5 AND 8 THROUGH 12. AMERICAN RELATIVE SUNSPOT NUMBERS FOR AUGUST 28 TO SEPTEMBER 3 WERE BETWEEN 138 AND 248 WITH A MEAN OF 201.

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AUGUST, 1980  
FINANCIAL REPORT

TO ALL MEMBERS

Please let me know of any call, address or phone number changes. I have started an up-dated membership list to be released in the October R.F. I would like to have it as complete as possible, so please get the information to me by the September meeting.

Thank You,  
Dixie, KA6DIO

.....  
DX DX DX

Jaakko Hanson (KA7CHX) will be out of the country September third to the seventeenth. He can be reached on CW (14.160 - 14.260 MHZ). His call letters will be OH5ZAA, at 9:00 pm - 12:00 pm. Jaakko will come back voice. He can also be reached on 10 meters - 28.620 - random time.

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PLEASE SUPPORT OUR COFFEE KETTY !!

As you can see by the treasurers report (Published in the R.F. monthly), we are behind the eight ball.

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INCOME

Dues .....	\$ 10.00
Coffee Kitty .....	3.33
Sweep Stakes .....	43.00
Badges .....	3.00
Withdrawal Savings Account.....	250.00
TOTAL	\$309.33

EXPENDITURES

Labels... ..	\$ 3.50
RF.....	31.53
Sweep Stakes .....	51.11
Cake & Coffee .....	23.38
Early Bird.....	25.00
Stamps.. ..	21.47
TOTAL	\$155.99

Checking Account Balance..	\$366.43
Savings Account Balance....	761.08
TOTAL	\$1127.51

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

SEP. 1980

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The Arizona Repeater guide is being provided through the courtesy of W7WGW. (Oliver Grieve). Special thanks are due to him and the Amateur Radio Council of Arizona for permission to reprint it. Additional copies are available by contacting KAGHNY.

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