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 Gelinus 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 WA6DPS.

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 W61BR 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
-- 1980 CLUB OFFICERS --

President  ERNIE PRITCHARD  WA6POW  530-0738
Vice President  AL WATTS  W61BR  839-9368
Treasurer  LOU PARKER  KA6BJO  838-1211
Secretary  VIC ALVEY  N6AHB  544-8541
Activities  FRANK SMITH  W6CVKZ  838-3271
Membership  DIXIE MATHERS  KA6DJO  638-2565
Publicity  MURIEL PARKER  KA6BJP  838-1211
T.V.I.  ROBIN HOFF  KA6HNY  731-4803
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, California  7:30 P.D.T.

OFFICIAL OCARC NETS

Look for the Club call, W6ZE, operating as net control station
for the following nets. Everyone is invited to join in.

15 M CW - Every Wednesday evening, 7-8 PM (local time)
on 21.175 MHZ. Novices welcome, we will
          slow down!

15 M SSB - Every Wednesday evening, 8-9 PM (local time)
on 21.375 MHZ.

10 M SSB - Every Tuesday evening, 7-8 PM (local time)
on 28.775 MHZ.

2 M FM  - Every Wednesday evening, 9-10 PM (local time)
on 146.55 MHZ, Simplex.

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

The speaker for this month's meeting is Gordon West, WB6NOA. Gordon
is truly a "full time" ham. He is a writer, lecturer, and teacher
of Ham radio. In addition to being an outstanding speaker, Gordon
holds a Commercial First Class Ticket as well as an Amateur Extra
Class license. You will not want to miss this most interesting
talk. Incidentally Gordon recently completed instruction (successful)
to his 1,000 Ham student. Join your fellow hams at this meeting.

In has come to the attention of the board that there are numerous
members of the club who are not attending meetings because of
transportation difficulties. If you cannot get to the meetings or
more importantly if you know of someone who needs a ride, PLEASE
contact any member of the board. Remember, we must seek out and
encourage participation by all members and potential members if
we as a club are going to continue to grow and flourish.
THE VP SEZ

No doubt you've noticed a new addition to the services the club is offering to its 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

Here Ye, here ye...

The Editor's 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 (W6GIXN), Robin Hoff (KAGHNY), Jerry Ziliak (KB6MT), Al Watts (W6IBR) and Lou Parker (KAGBJO) for their articles and assistance with the September "RF."

The Editor
Annual Auction time is rapidly approaching so be sure to gather up your flea market junk. The auction will be held at our usual meeting place: Mercury Savings and Loan, 1955 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 allcomers, newcomers, etc. Activities Chairman, Frank WA6KZ, will be getting a flyer together for this event. Let's 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. Sellers 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 items 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). Bags must be given by auctioneer or auctioned at his discretion.
5. Sellers may indicate minimum bid of items and must also mark each item. Items will be auctioned off in rotation, three per seller, until all items are sold. Selling order will be by seller number.
6. Items that are placed for auction and thus tagged prior to starting of auction must be sold as an auction item. (please, no side deals)
7. Tables will be available to sellers at 6:30 PM, auction starts at 7:00 PM with Seller #1, Item #1.
8. Items may be limited to those of an ELECTRONIC nature.
9. Items may be donated to ORC, with all proceeds from the sale going to the club.
10. Please help protect the tables from getting scratched. Newspaper will be available to anyone.

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.

Dick Goldstein
Center Manager
1091 Old Irvine Blvd.
Tustin, CA 92680

CONVENTION 80... (some fiction MHH)

The Orange County Amateur Radio Club was well represented at the just completed convention. Total attendance was over 2,500 with about 500 attending the banquet. The technical sessions were very well attended. OCARA members Fred AG6G and Fred WA6KZ contributed a P2 program on Ham computers to a standing room only crowd. Jack, WA6GMD, manned the YL booth to the east of the day. Martin, KA6SLS, walked off with a new Tempo 5-1 as a door prize, much to the surprise and envy of ON Dan. Lou KA6MGS and Muriel KA6MJP joined AL WS6RD and his wife in eyeballing the many fine manufacturers exhibits. Lloyd, K6BUU, was there in full uniform at the USCG Aux booth. Alex, N6VRE, was seen constantly in the hallway with a very relaxed look on his face. He chaired last year's convention. Bob AG6C and Howard K6SBC were also seen around the goodies. Robin K6E HMY and Craig NESUA visited the FCC testing booth. Robin cubed 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 Indians' trying to build back Manhattan. You know Emile WS6FOS was there and eating. Alfred K6AY, Ted KA6GVR, and Judie K6WHEL put in an appearance. Terry WS6HNG carried a large sign around asking if there was any life on six meters. AI KA6IIJ, John AG6W, Martin WS6P, HR WS6NO, Bill W6BKE, and a generous amount of yarns and harmonies made the ORC's participation most impressive. Hopefully some of the members attending the technical sessions will share their impressions in next month's RP. 73s Robin
CQ CQ CQ
de
THE CHRISTMAS "FEAST"

THE DATE: Sunday, December 14, 1980
THE TIME: 6:00PM 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)

THE COST: $8.00 PER PERSON INCLUDING TRIPS, 18 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 TRIPS, 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
1200 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...
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 manufacturer's specs. Another typical problem is a cell that won't accept a charge and looks like an open cell. The cure for this 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 paperweight, coil winding form or circle drawing aid!!

Now 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 strands 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

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

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1951

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1952

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1953

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1954

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1955

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1956

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

OCARC OFFICERS - 1957

President: Samuel (Mac) McNiel, W6LD
Vice Pres: Bernard Litwak, W6EEA
Secretary: A. Van Compenolle, W6PQT
Treasurer: A. Van Compenolle, W6PQT

Help! Help! Who were the club officers in 1952, 1953, and 1954?

Was the club active during these years?

If you have QSTs 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, W6COZ; Horace Bates, W6QQC; and Marinus Conway, W6UPP 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!!

OCARC OFFICERS - 1956

President: Bob Swenson, W6HIL
Vice Pres: Jim Ramos, K6RHX
Secretary: Joe Burke, K6BY

OCARC OFFICERS - 1957

President: Bob Swenson, W6HIL
Vice Pres: Jim Ramos, K6RHX
Secretary: Joe Burke, K6BY

Activities: Rehse Mowry, W6COZ

Editorial Staff: W6COZ, W6DEY, W6HIL, W6PQT, Marinus Conway, W6PQT

(From Bob Evans, WB6KN, Historian)

Ph: 543-9111
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 130 AND 248 WITH A MEAN OF 201.

TO ALL MEMBERS

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

Thank You,
Dixie, KA6EJO

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 - 14,250 MHZ). His call letters will be OS7SL, at 9:00 pm - 12:00 pm. Jaakko will come back voice. He can also be reached on 10 meters - 28,620 - random time.

PLEASE SUPPORT OUR COFFEE KETTY!!

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

AUSTRALIA, 1980
FINANCIAL REPORT

INCOME

Dues ..................... $10.00
Coffee Kitty ............... 3.33
Sweep Stakes ................ 43.00
Badges ...................... 5.00
Withdrawal Savings Account 250.00
TOTAL $309.33

EXPENDITURES

Labels ..................... $ 1.50
FF ........................... 11.53
Sweep Stakes ............... 51.11
Cake & Coffee .............. 23.33
Early Bird .................. 23.00
Stamps ..................... 21.47
TOTAL $155.99

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