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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXI, NO. 1

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

JANUARY 1980

QST DE W1AW
HR PROPAGATION FORECAST BULLETIN NR 1
FROM ARRL HEADQUARTERS NEWINGTON CT
JANUARY 3, 1980

TO ALL RADIO AMATEURS

THE SOLAR FLUX ROSE FROM 162 IN LATE DECEMBER TO 227 ON JANUARY 3. IT SHOULD LEVEL OFF AROUND 250 JANUARY 5, HOLDING NEAR THAT LEVEL FOR SEVERAL DAYS. THE MUF IS RISING BUT PROPAGATION IS MORE ERRATIC THAN IN NOVEMBER AND DECEMBER, BECAUSE OF INCREASED GEOMAGNETIC ACTIVITY. THE STRONGEST DISTURBANCE IN MANY WEEKS APPEARED ON JANUARY 2, BUT MORE OF THIS CAN BE EXPECTED IN THE NEXT THREE MONTHS. PROPAGATION SHOULD BE GENERALLY GOOD THROUGH MID JANUARY, EXCEPT FOR UNSETTLED CONDITIONS JANUARY 5 TO 6 AND 15 THROUGH 17. FAIRLY MARKED VHF AURORAL EFFECTS HAVE BEEN OBSERVED RECENTLY AND MORE ARE LIKELY IN THE HIGHER LATITUDES WHEN WWV K INDICES ARE THREE OR HIGHER, ESPECIALLY IN LATE AFTERNOON AND EARLY EVENING. HF PROPAGATION ON OTHER THAN NORTH SOUTH PATHS IS ADVERSELY AFFECTED AT THESE TIMES.

23. Of the following, which one does not belong? 4K, UI, RA, 8J.
24. True or False? The "A Index" is proportional to the sunspot count?
25. How many different DXCC awards are there (excluding 5BDXCC)?
26. The 824 neutral zone lies between what two DXCC countries?
27. True or False? CQ Zone 23 is comprised solely of JT, Mongolia and UA0Y, Tuva.
28. The prefix for Benin is ____ .
29. True or False? The prefix AM4 could be issued by the FCC.
30. BV2A
 - a. is only on CW
 - b. is only on SSB
 - c. is on both modes.

-- 1980 CLUB OFFICERS --

PRESIDENT	ERNIE PRICHARD	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	KA6DIY	638-2565
PUBLICITY	MURIEL PARKER	KA6BJP	838-1211
T.V.I.	KEI YAMACHIKA	W6NGO	538-8942
MEMBER AT LARGE	TERRY MATHERS	WB6IHZ	638-2565
	MONTY CADUFF	WD6AUS	846-3572

 EDITOR BOB MALLER WB6AJV 551-9572

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.

931 North Euclid Avenue, Anaheim, California 92801

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THE PREZ SEZ:

I would like to congratulate the officers of 1979 for the things that they have accomplished for the good of the Orange County Amateur Radio Club. Also, my congratulations to those club members that helped when they were called upon to assist the officers in keeping the club intact.

I feel that the Club could use the following quote from Edward Everett Hale as a guide in 1980. Edward Hale was a former chaplain of the United States Senate. (I took the liberty of changing the tense from first person singular to first person plural).

We are only one,
but still we are one.

We cannot do everything,
but still we can do something;

And because we cannot do everything
we will not refuse to do the
something that we can do.

The speaker for our January meeting will be Ray Frost, WA6TEY, who will be providing important information he has received from our local congressmen and the Federal Communications Commission.

Be sure to attend and learn the latest!

73's

Ernie, WA6FOW

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MINUTES: DECEMBER MEETING December 21, 1979

1. Roll call of officers.
2. Approvial of November minutes.
3. The club received a check from HamCom for \$1200. \$1050 is our share, \$150 our refund.
4. Fried announced a simulated emergency for January 31, 1980.
5. Activities. Jess announced he would track scores by club members for club awards.
6. Al Watts requested input from members on perferred programs.
7. Monty gave a 1979 progress report for V.I.P.
8. New president, Ernie, gave a plea for the club to get behind V.I.P.
9. Visitors were introduced: Ignatius Tobin.
10. New Members were introduced: John Anderson.
11. Committee reports: None.
12. \$22 was voted to continue our Post Office Box in Orange through 1980.
13. Motion was made to donate \$100 to V.I.P. The motion was tabled until the January meeting.
14. A New Novice Class begins January 7 and every Tuesday thereafter for 10 Weeks. The class can still use additional students. It is held at 1541 La Palma in Anaheim, 7:00 to 9:00 pm. Contact Vic, N6AHB, at 544-8541.

DXCC QUIZ

This quiz came from the January issue of WORLDRADIO. It was prepared by George Hitz, W1DA and was originally given to all guests at the Annual DXCC Banquet in October. The average DXer scored 20 incorrect answers out of the 30 questions. The best score was nine wrong.

Answers, of course, next issue.

1. Of the following three names, only two are real places. Circle the incorrect name: Trindade, Trinidad, Trindade.
2. The QSL of VE3BWK/4U gives his QTH as the Golan Heights. What DXCC country is this?
3. What do the following DXCC countries have in common: 9A, 7P8, 4U1IUT, HV?
4. What DXCC country (outside NA) has the biggest total azimuth as seen from W1?
5. Select the one correct answer. Solar flux is
 - a. a brand of paste used in soldering.
 - b. a measure of 2800 MHz energy.
 - c. a measure of the solar wind.
 - d. a measure of geomagnetic disturbance.
6. The total number of current DXCC countries is ____ .
7. Name an actual amateur call sign that has no suffix.
8. Of the following ITU prefixes, only one is of value to DXCC applicants. Circle it: T4, H5, S8, J2.
9. Indicate the correct answer. Russian Roulette is
 - a. an award issued for working all AU oblasts.
 - b. a contest for AU amateurs like our Sweepstakes.
 - c. a method for working a pile-up with a transceiver.
10. Name an actual amateur call sign suffix with four letters (suffix only).
11. Abu Ail is located in what body of water?
12. The country of Kiribati was formed from three DXCC countries. Name them with their prefixes.
13. How many VP8 DXCC countries are there?
14. What is the global surface distance to the antipode of Boston within 500 statute miles?
15. What year did the current DXCC begin? 5BDXCC? CW DXCC?
16. True or False? Currently deleted countries, if worked before deletion, can count for 5BDXCC.
17. M1 and 1S - what do they have in common (besides the 1)?
18. The call sign block CE9AN - CE9AZ is from what DXCC country?
19. True or False? Time zones of the world always differ by whole hours.
20. How many different Russian DXCC countries is it possible to work?
21. Name the following countries: J3, J6, J7, T2, FH.
22. What three CQ zones contain only one DXCC country?

*** THE GOOD OLD DAYS ***
(Part 2)

Another pre-war activity of the club was the "Century Club", representing members who had worked 100 or more countries. From its beginning, the Century Club was a challenge! Swelling its ranks were: Shelley Trotter, W6BAM, leading with 116 countries worked, 106 verified; Noral Evans, W6ADT; S. T. McNeal, W6LDJ; Tom Hudspeth, W6LHN, and Al Hill, W1MQI.

This time, the club remained active into 1942, and then once more disbanded because its members became involved in winning a war. Shelley Trotter, BAM, turned the club records over to Howard Bogue, W6CFN, before Shelley 'trotted' off to war. However, between 1936 and 1942, the club prospered and it had many notable members. A few are listed:

- | | | | |
|-------|---------------------------|-------|------------------------------|
| W6MNP | Cecil Hamilton, Santa Ana | W6QUQ | Dick Pearson, Santa Ana |
| W6SIX | Will Schaffer, San Diego | W6BVX | John Trotter, Santa Ana |
| W6LDJ | Tom McNeal, Santa Ana | W6BFE | Hayden Helt, Tustin |
| W6GSZ | Ed Wood, Santa Ana | W6UFG | John Farwell, Santa Ana |
| W6IBN | Roy Cumpston, Santa Ana | W6LXS | George Tokar, Buena Park |
| W6JMA | Norm Hicks, Santa Ana | W6KLU | Harry Christensen, Fullerton |
| W6NRM | Bob Weitbrecht, Tustin | W6QXL | Alyce Raffi, Fullerton |
| W6DHP | John Willcutt, Santa Ana | W6HQX | Ray Wood, Santa Ana |

Either before the war or shortly thereafter, the Whittier ARC became active in Orange County. The OCARC was made up mostly of "DXers" and it met once every two weeks. Below, is a list of hams who operated in Orange County. Some were club members and some were not. However I will list them for nostalgic reasons:

- W6MNP, Cecil Hamilton - worked at post office.
- W6LDJ, Tom McNeal - (Mac) - treasurer of club, Century Club, 1st amateur radio instructor at OCC, great grandson of famous Ross family after whom Ross St. in Santa Ana was named.
- W6GSZ, Ed Wood - Engineer at radio station KFI, licensed in 1933, had polio as youngster.
- W6IBN, Roy Cumpston - was vice president of club in 1938.
- W6JMA, Norm Hicks - now probably in San Diego (1978), was on refreshment committee.
- W6NRM, Bob Weitbrecht - an Edison in radio, an inventor, a college man, handicapped in speech & hearing, LDJ could understand him well.
- W6DHP, John Willcutt - club officer in 30's, won HV transformer for home brewing, 1st ham in Orange County on 15m.(probably using a harmonic freq), got his call in '30 or '31, worked for the post office, now in Tustin.
- W6CFN, Howard Bogue - possibly secretary in 1942.
- W6QUQ, ?
- W6BVX, John Trotter - Shelley's brother, now a silent key. Died May 27, 1968.
- W6BFE, Hayden Helt - 1st ham in Tustin. He, Shelley & John Trotter all took their test together in LA for a ham license.
- W6CIG, "Bob" Burton Baird - post office employee now a silent key.
- W6UFG, John Farwell - worked for the post office.
- W6LXS, George Tokar - was an engineer at radio station KFI.
- W6KLU, Harry Christensen - still around (1978), has 2-letter call, very intelligent, was active in 1934.
- W6QXL, Alyce Raffi - came to meeting (last meeting in 1941) when Shelley was president. Had her picture in QST.
- W6HQX, Ray Wood - worked with RCA Communications along with John Shick, W6LQX.
- W6LQX, John Shick - vice president, 1941. Was he ever president? When?

(to be continued...)

THE GROWING VIP'S

1979! That was some year! And for a few OCARC members it was a special year. It was a year in which the struggling infant idea of a couple of people began to grow and develop into a thriving project. I'm talking about the VIP program for visually and physically impaired children. You've heard about it in the NETs! You've read about it in the RF Newsletter! What more is there to say? Just a couple of very important things.

First: A very sincere thanks to everyone who has donated their time, effort, and equipment for this project. We now have a four-band dipole antenna at Circle View School in Huntington Beach, as well as an inverted "V". A new antenna tower has been erected and is operating at the Dana Point School, along with much donated equipment and CW oscillators. Support funds have come in from the OCARC, the Long Beach Lions Club, and will be forthcoming from several other sources. With all of this terrific support the VIP club is operating in three schools with a 4th and 5th school in the planning stage. Several children have passed their CW exam, as has Marikay, Al's instructional aide, who has become very "turned on" to HAM Radio. Needless to say, we are very proud... and we hope that ALL members of OCARC are proud too. We can't express enough thanks to you for all your support!

Second: A word about the impact of the VIP Clubs and of their future. For the children it's a unique and exciting way to learn the basic 3-R skills; to broaden their social outlook, and to help them communicate better with others. For the volunteers life has taken on a new dimension. What a pleasure it is to work with kids who have had a few hard knocks in life and then to watch their excited growth through Amateur Radio. What a rewarding way to use spare time, knowledge, and experience! As one volunteer put it, "What I get out of this is two or three times what effort I put in"!

As for the future, we look forward to expanding the VIP Clubs to schools in other communities and the broadening of the program to include fast-scan TV and large-print computer Ham activities.

In 1980 the outlook for VIP "World Vision" is very bright!!

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MULTI-BAND WAS CHECKLIST

A full page of this issue has been devoted to a Multi-Band Worked All States check list. You will probably find it easy to use, just color in or check any box for a state that you have confirmed.

The idea came about from looking at several boxes of QSL cards that have accumulated over the years. Going through the old QSL's doesn't take much time and is fun. Pretty soon you will have a clear picture of just where you stand on five-band WAS or any other WAS you might hope to achieve. I was disappointed to find out that I have never worked Louisiana on twenty meters although I've worked all states many times.

The Editor

S.S.B.
80 40 20 15 10

C.W.
80 40 20 15 10

MULTI-BAND WAS
CHECKLIST

	80	40	20	15	10	80	40	20	15	10	80	40	20	15	10
ALABAMA															
ALASKA															
ARIZONA															
ARKANSAS															
CALIFORNIA															
COLORADO															
CONNECTICUT															
DELAWARE															
FLORIDA															
GEORGIA															
HAWAII															
IDAHO															
ILLINOIS															
INDIANA															
IOWA															
KANSAS															
KENTUCKY															
LOUISIANA															
MAINE															
MARYLAND															
MASSACHUSETTS															
MICHIGAN															
MINNESOTA															
MISSISSIPPI															
MISSOURI															
MONTANA															
NEBRASKA															
NEVADA															
NEW HAMPSHIRE															
NEW JERSEY															
NEW MEXICO															
NEW YORK															
NORTH CAROLINA															
NORTH DAKOTA															
OHIO															
OKLAHOMA															
OREGON															
PENNSYLVANIA															
RHODE ISLAND															
SOUTH CAROLINA															
SOUTH DAKOTA															
TENNESSEE															
TEXAS															
UTAH															
VERMONT															
VIRGINIA															
WASHINGTON															
WEST VIRGINIA															
WISCONSIN															
WYOMING															

FOR SALE CORNER:

HAM EQUIPMENT CLEAROUT

Please contact Ken, W6HHC, at (714) 541-6249 if you are interested in any of the following equipment.

- Heath HM-102 Power/SWR Meter - \$30
- Astatic Model 331 Hand Mike - \$10
- TS-382 D/U (20 Hz - 200 KHz) Audio Oscillator - \$20
- Collins R-392/URR Receiver (500 KHz - 32 MHz) with P/S - \$35
- RHED Speech Processor for Collins 32S-3 Transmitter - \$25
- Cabinet for 19-inch rack, 4 feet- 4 inches high - \$20

Heathkit Color TV for Sale:

Heathkit Model GR-581 (Vacuum Tube Type) with wood cabinet and manuals. Picture tube is 22 inch diagonal (227 square inches). Comes complete with built in "bug" in the video brightness circuitry that has successfully eluded present owner. Price is \$40 or best offer. Contact Ken, W6HHC, at 541-6249.

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VOL. XXI, NO. 1 - JANUARY 1980

FIRST CLASS MAIL !!!

DATED MATERIAL !!!