



ORANGE COUNTY AMATEUR RADIO CLUB

VOLUME XI NO. 1

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

JANUARY 1970

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SETH : W6LCP

ACTIVITIES : Ron, WA6FIT
PUB. REL. : Frank, WB6TBU
MEMBERSHIP : Mike, WA6UBW
T V I : Kay, W6NG)

*** NEXT MEETING ***

Monthly meetings are held on the 3rd Friday of each month at the Lincoln Savings & Loan Bldg., 17th & Bristol, Santa Ana. The next meeting will be held on Friday, January 16, at 7:30 p.m., at the same location.

“HAM’S WIDE WORLD”

To be shown at the Jan.16 Meeting

The film we all have been Waiting
to see!

Be sure to bring a Friend

ORANGE COUNTY AMATEUR RADIO CLUB

THE PREZ SEZ:

The new year of 1970 starts off with a brand new line up of club officers. Jerry, WA6ROF, who headed our club in 1969, did an outstanding job. Excellent work was done by the other officers of the club in their varying responsibilities. The newly elected officers of the Orange County Amateur Radio Club hope to accomplish as much in 1970, as the club officers of 1969.

Let's all remember this fact: Although the club has its elected officers to lead and conduct the club activities, it is you, the members, whose participation really makes these efforts a success.

The first club Board of Directors meeting will have been held by the time you read this. This meeting is a joint meeting of the incoming and outgoing officers in attendance.

The new Board of Officers wants you, its members, to tell us what you really want in your club. We solicit your comments and interests. We, the newly elected officers, need help on all fronts. If you have an idea for a club activity, grab hold (not too tight!) of our new Vice-President and Program Chairman, Bill Hall - WB6CQR, and talk your ideas over with him. We need lots of new ideas. Even activities that are repeated, are good too!

Let's all start out the new year of 1970 with a resolution not to just be a member, but an active participant in the affairs and activities of the:

ORANGE COUNTY AMATEUR RADIO CLUB!

Jack, WB6UDC and a HAPPY NEW YEAR to all of you too!

OFFICIAL BULLETIN NR 253 FROM ARRL HEADQUARTERS
NEWINGTON CONN DEC 31 1969 TO ALL RADIO AMATEURS BT

NASA has now established the launch of Australis Oscar 5 for January 15, 1970, at 1131 GMT. This represents a change in date and time from that announced on page 50 of January QST. The data in the QST article can be updated by adding to the times the difference between the reported nominal launch time of 1116 GMT and the actual launch time. Thus, with launch now expected at 1131 GMT, 15 minutes should be added to the times shown in QST. The amateur satellite is designed to transmit on 29.450 and 144.050 MHz. Listen to W1AW bulletins for further information on the launch, and for orbital predictions following the launch AR.

ARRL OVS: Please spread the word on vhf. Thanks-73.

--W1NJM



ORANGE COUNTY AMATEUR RADIO CLUB

MONTHLY PROGRAMS

Coming up for the January meeting will be a showing of ARRL's new feature film depicting "HAM'S WIDE WORLD". This is an excellent film which should be of interest to the general public and is now available to television stations and lending libraries. Don't miss this showing so you will be knowledgeable of the story being told to the public about our hobby.

As you know, one of the jobs of the Vice-President is to procure a program for the monthly meetings; and in order for us to provide you with the programs you want, we must know your desires. Please give me any suggestions you might have for guest speakers, subjects, etc.; and we will attempt to tailor the programs to meet the desires of the majority Key your Xmitter and "Sound Off"
.....

Bill, WB6CQR

CALIFORNIA Q.S.O. PARTY

Sponsored by North Hill Radio Club

RON, WA6FIT, First Place in Orange County

221 Contacts

All Bands

CONGRATULATIONS!

CHRISTMAS DINNER

The annual Christmas Dinner was held on Thursday, December 18, 1969, at Renaldo's Restaurant in North Fullerton. It was a huge success, and everybody had a wonderful time. The food was delicious this year, and there was so much of it, that it would never stop coming. There was a good turn out, with quite a few members, wives, and children there to enjoy the occasion.

Dan, WB6VOV, invited Irv, W9DFJ, and his lovely wife, Doris, to the dinner. Irv is on vacation from near Milwaukee. Max, W6DEY, and his wife Mildred, W6PJU, also took the occasion to say good-bye to all their friends in the club.

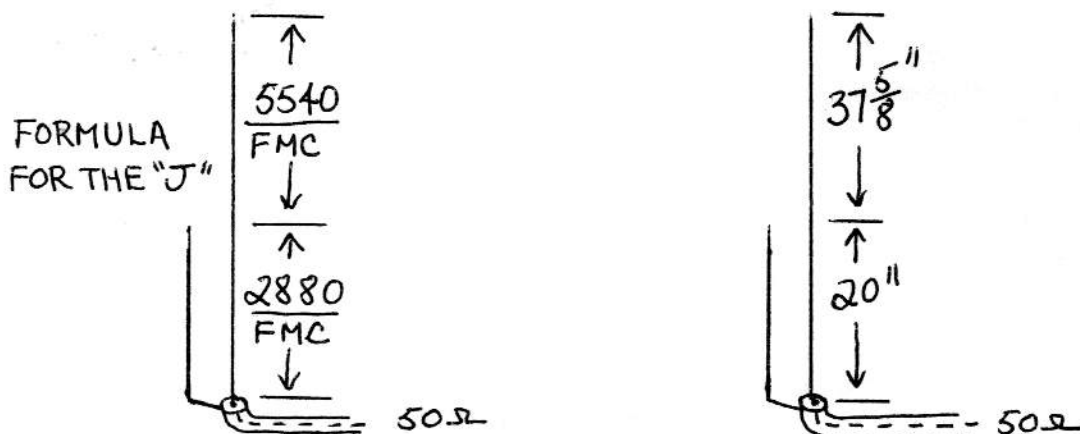
The highlight of the evening, of course, was when Bill, WB6CQR, used his two meter rig to let all the kids talk to Santa Claus at the North Pole. One of Santa's Helpers had left some very nice gifts for all the excited kids. "Thank You's" are in order to Jack Hollander and his family and to Jerry Verduff and his family for the fine job of organizing the dinner.

MOBILE "J" ANTENNA

BY WA6FIT

Most two meter mobile operators use either a quarter-wave whip or collinear type array, usually a combination of a whip with an inductor mounted at the base.

I was introduced to the "J" by WA6DQR last summer and discovered since, that it has a significant gain over a quarter-wave whip. The "J" consists of a half-wave vertical radiator fed by a quarter-wave stub matching section. The spacing between the two elements should be two inches or less. I found that a direct coaxial feedline is the simplest means of feeding the "J".



Results of tests on single "J" Antenna compared with a quarter-wave vertical test freq. was 145.54 MHz. Both vertical and "J" were mounted at same height, ten feet at the tip.

S meter readings from WB6VJO showed a gain of 9DB over the whip, distance one mile-S meter readings from WA6CWZ showed a gain of 12DB over the whip, distance 5 miles.

ORANGE COUNTY AMATEUR RADIO CLUB

DX FROM ORANGE COUNTY
by Jack, WB6UDC

Band conditions were pretty good during the month of December. 15 meters was so quiet at times, that I was not too sure my receiver was working! However, after Christmas, the cold winds and the dry air with the noise levels arrived and just about wiped out any real DX work for several days. Several new stations were on the air, and the one DXpedition in particular was the Market (?) Reef with call of OJØMR. This particular "Reef" is located off the coast of Finland.

Excellent signals were heard on 20 meters from this station. It has also been reported unofficially that ARRL will count this as a new country too and will count for DXCC.

A DXpedition to Qatar is planned by MP4BHH and OD5BZ on February 21, 1970. They will be there for one week and operate with the call MP4QBK. Marion Island is also supposedly on regularly for 3 hours on Sundays at approximately 0800 GMT. He usually is on 14300. (My guess is that this would be short since I have not worked him yet.) Listen for an AM signal at that frequency and time.

Coming up soon, I plan an article on mobile DX operation. Most of you have mobiles and maybe you might want to try your hand at this.

The following is from the authors log:

CT2AP	Azores	Victor	28590	1646	GMT	
FB8XX	Kirguelen Isle	Henry	14243	1505		
7Z3AB	Saudi Arabia	Henry	14250	1528		
FL8MB	Fr. Somoliland	Marcel	14250	1534		
ET3XL	Ethiopia	Aron	14203	1519		
T12AP	Costa Rica	Fred	14032	0039		CW
VU2DK	India	Val	14211	1518		
2M1BN/A	Snares Isle	Barry	14218	1544		
ZC4RF	Cyprus	Roly	14247	1514		
VR6TC	Pitcairn	Tom	14228	0642		
YU3NR	Yugoslavia	Vinko	14055	1513		CW
5Z4MG	Kenya	Van	14055	1523		CW
VQ8AR	Mauritius	Ray	14220	1554		
EA3QT	Spain	Mike	14214	1512		
GD3GMH	Isle of Man	Geoff	21278	1534		
AP5HQ	W. Pakistan	?	14031	0245		CW Long Path
OK2BKI	Czechoslovakia	Rudo	14037	1531		CW
IT1AGA	Italy	Gius	14037	1538		CW
UB5KBD	Ukraine	Kory	14037	1545		CW
YU4VBB	Yugoslavia	Mirko	14037	1551		CW
DL1DQ	W. Germany	Ed	14037	1600		CW
TN8BK		Bernard	28570	1951		
TN8BK	Congo Rep.	Bernard	14255	2122		
VU2LE	India	Bolo	14208	0144		Long Path
VU2JN	India	Jayaram	14051	0222		CW Long Path
EA8BD	Canary Isle	Larry	21298	1740		
VKØHM	Heard Isle	Hugh	14203	1537		
OJØMR	Market Reef	Martin	14203	1531		
6W8DY	Senagal	Jack	28540	1744		

73 and good DX

Jack

ORANGE COUNTY AMATEUR RADIO CLUB

Some possibilities on how the League might help eliminate TVI.¹

By Dick Norton, W6DGH

I am of the opinion that interference to television is a major problem for a large number of hams, especially those of us in densely populated areas, such as Los Angeles. Although technology has advanced so that amateur radio and television should be compatible, it seems that lack of implementation of this technology still prevails. As I mentioned to you in a short discussion at a meeting of the Palisades Radio Club approximately a year ago, I would like to see the League adopt an aggressive attitude toward the elimination of this problem. (Editor's note: This was taken from a letter to the Southwestern ARRL Division Director.)

Experience has shown that the majority of all television interference can be cured with a properly installed high pass filter on the television. However, a number of manufacturers still have refused to install these on their sets as a matter of practice. Even after taking pains to assemble a station capable of interference-free operation, I find personally that I am unable to maintain operation on high frequency bands due to television set inadequacies.

The continuing attempts to explain interference to a continuous stream of seventy-year old neighbors with absolutely no knowledge of radio, plus the efforts needed to author replies to FCC notices of TVI, explaining that high-pass filters would cure the problem, have nearly reached the stage where it is more work to stay on the air than it is worth. All an explanation attempt usually results in is an addition to my neighborhood enemies. I find many other local amateurs experience essentially the same problem.

I propose that the League adopt a four part program to assist in the reduction of television interference problems:

1. Make available to amateurs information on obtaining from manufacturers high pass filters and their installation. Recently I found a Citizen's Band publication listing manufacturers filter department's addresses and necessary data for obtaining free filters such as set model and serial number and interfering amateur call signs. Considering that we amateurs have had these interference problems for a considerable longer time, I find it almost hard to believe that this information was not made available to us through League publications.
2. I would like to see the League provide us amateurs with the means of rewarding those manufacturers who produce sets capable of rejecting amateur signals. Some manufacturers appear to build high pass filters into all their models. I would personally purchase myself, and recommend the purchase of sets with this capability if I knew which ones they are. I would suggest that the League publish in QST something like a list of television sets recommended for use in amateur radio areas each year.

continued

¹Reprinted from the April, 1969, issue of "Didi-dumdum-didi" page nine and ten.

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3. I feel the League should take whatever steps are possible to encourage manufacturers to produce sets capable of operation in the vicinity of amateur radio stations. This might actually be done by intimidation in some cases. I strongly suggest the League cooperate with consumer-oriented magazines, such as Consumer Reports and Consumer Bulletin, in the evaluation of each year's television set models. This might be done by sending a member of the League technical staff with appropriate test equipment to these organizations at television testing time. A sentence in consumer magazine to the effect that "this set is extremely susceptible to interference from nearby radio transmitters" might encourage a manufacturer to include a high-pass filter on next year's models.
4. I would also like to see the League give thought to encouraging the Federal Communications Commission to require the inclusion of high pass filters on television sets in the same way they require sets to be built with UHF tuners. The requirement that receiving sets be capable of operation in today's radio environment certainly appears to be in the public interest. In addition, it would be beneficial to the FCC in reducing their time spent with interference complaints.

My experience indicates that the availability of free high pass filters is not an adequate solution. Often, manufacturers or their service organizations have an installation charge that repels persons from having the filter installed. In fact I find a large group completely unwilling to have anything attached to their set to reject interference since they are personally convinced that I am responsible. "It only happens when you are transmitting, so why don't you stop, and be a good neighbor?"

In conclusion, I feel television interference is still the major problem confronting hams who desire to operate on the air, and at least it is my major problem. The elimination of TVI would improve the public's relations with amateur radio. We might not have million dollar lawsuits² against us. TVI has effectively silenced the transmitters of would-be active amateurs that might again resume operation should the above program be implemented and prove successful.

²Refer to page ten of either Feb '69 or April '69 QST. Also page 5 Feb '69 "Didi".

Requests for additional copies should be directed to the Los Angeles ARRL SCM:

Harvey Hetland, WA6KZI
2008 Cedar Street
Alhambra, California 91801

Please indicate the number of copies desired.

"Didi-dumdum-didi" is mailed to Los Angeles Section amateurs who provide their SCM with a monthly activity report. It is free.

ORANGE COUNTY AMATEUR RADIO CLUB

"R.F."

HAMADS *** *** *** HAMADS *** *** *** HAMADS *** *** *** HAMADS

FOR SALE:

- | | |
|--------------------------------------|-----------|
| 1. Mobile HW22 with AC & DC Supplies | \$ 150.00 |
| 2. HT37 | \$ 220.00 |
| 3. Drake 1A | \$ 110.00 |

Contact:

Jim Sheldon Jr., WA6LHB
631 E. Jefferson
Orange, Calif.
TEL.: 639-1577

- | | |
|-------------------------------------|----------|
| 4. Mosley TA33 SR. Tri Band Antenna | \$ 30.00 |
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Contact:

WA6CCK
TEL.: 549-3665

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ORANGE COUNTY AMATEUR RADIO CLUB, INC.
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First Class!!!
Dated Material