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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XVII, NO. 11

NOVEMBER 1976



-- 1976 CLUB OFFICERS --

PRESIDENT	MARTIN RAYMOND	WB6PEX	532-4090
VICE PRESIDENT	FRIED HEYN	WA6WZO	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	TED GLICK	K6LJA	542-1390
M.A.L.	ART SHELDON	WA6LHB	997-3735
	ERNIE FUERTE	WA6GXV	734-7255

EDITOR	BOB MALLER	WB6AJV	832-6170
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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 am. at Barnabys Coffee Shop, 144 S. Tustin Ave., Orange CA.

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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 Friday evening between 7pm and 9pm if you need addresses. If you have more than one call for Ken to check, he'll get them all for you and call you back the same night. Also, you can usually catch Ken on the air after the Wednesday evening club net.

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THIS MONTH'S MEETING

It's election time. Be sure not to miss the November meeting. This is the single most important event as relating to the future of the club. It is in your hands.

Following the election we will have a film,

"Moving up to Ham Radio"

which was produced by the ARRL. The film is designed for SWL's and CB'ers to show them there are many opportunities in the Radio spectrum than they are now using. This film should be very interesting to all radio amateurs.

We also expect to have a guest speaker. He is John Griggs your Southwestern Division Director of the ARRL. John should inform us of the ever changing FCC rules and new programs of the ARRL.

So this month's meeting looks great. Be there. It is the last regular meeting until January.

"RF"

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THE PREZ SEZ:

I am happy to report that our auction was a huge success due to the good turn out, help of the membership and, of course, a special effort by Ken, W6HHC, Frank, WB6KJS, and Don, W6OOH. In behalf of the club I want to thank you for your efforts, your contributions are greatly appreciated.

This month's meeting is also very important. It is the nominating and election meeting for the officers who will serve our club next year. The nominating committee has come up with a slate of members willing to accept offices if elected. Please note that nominations will also be welcome from the floor so feel free to nominate anyone of your choice. (You can nominate yourself). There are many capable people to select from. Ballots will be prepared for the election. Each office will be chosen by secret ballot and spaces provided for write in choices.

Fried and Sandy have the annual Christmas party pretty well arranged. You can help them by filling out the sheet that will be passed around at the upcoming meeting as to your choice of meal. Also needed will be the number of your children attending, their name and sex. As with previous Christmas parties, children of paid up members whose parent or parents attend will receive their dinners and a Christmas gift gratis as a courtesy of the club.

See you at the meeting.

"73's"

Martin

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APPRECIATION NEEDED

In the WCDXB Ted Cohen, W4UMF, has requested that some appreciation be expressed to the National Oceanic and Atmospheric Administration, NOAA, for the restoration of the 18-minute broadcasts on WWV. It is suggested that this broadcast add the current solar flux and geomagnetic conditions which would give us the return of all the previous information in one minute. Write to:

Dr. Gary Heckman
Space Environment Laboratory
NOAA, U.S. Department of Commerce
Boulder, Colorado 80302

Another means of communications being announced on WWV is a telephone recording device upon which you may leave your comments and suggestions on the discontinuance of the propagation bulletins.

Dial

(303) 499-8129.

After their recording giving instructions you will have one minute (approximately) in which to record your comments. The service is 24-hour premitting use of the low rate time periods. The weekly mail information bulletin has also been discontinued with the September 29 edition.

"RF"

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SANDI'S CORNER

Thanks to Ken, W6HHC, acting as auctioneer and financial wizard Frank, WB6KJS and Don, W6OOH and others, the auction was a huge success.

Pat's, W6PKZ, new antenna is working just fine thanks to the many helping hands: Frank, Kei, Martin, Fried, Ken, Lloyd, Terry, and Roger. The club would like to thank Pat for the donation of an antenna and tower. Also I understand Pats XYL makes the best burritoos in Orange County.

We need a volunteer to answer questions on Ham radio from an ad we can place free in the Homeowners Review - call Bob Miles, WA6LLW at 839-9154.

On behalf of the club I want to thank Nate, WA6MPI, and his XYL for opening up their house to hold the novice class as well as Don, W6OOH, for his assistance as a fine instructor. The students have made great progress: Richard Henley passed his tech and while he was waiting for the ticket to arrive passed his General and Advanced. He got his new call in the mail as WB6SDH and I understand he is working on his Extra class ticket - Wow! His XYL Melanie passed her code and the written is waiting for her. Laurie Klos (the youngest in the class), Dave Holmes and David Gaude' have also passed the code and are in the process of completing their written test requirements.

Bob, WA6CMO, got a ten-ten number 13868. Bob says 10 meters is five times better than two meters.

Congratulations to Bill, WA6KHB, for passing his General. Welcome to the club nets: hope to meet you at the next meeting.

It was good to hear so many club members on during the CQWW contest: Jack, WB6UDC, worked over one hundred countries on 20 meters!

If you heard us (WA6WZO and WA6WZN) working the CW sweepstakes contest last weekend you may have noticed that our speed had increased to well over 20wpm. Alas, that was not us but Dave, W6SOR, who was operating our station.

Know any people interested in Ham radio? Please bring them to the next meeting - the film "Moving up to Ham Radio" will be shown after the election of officers.

Don't forget to call us to make reservations for the Annual Christmas Dinner. (549-8516)

BCNU,

88's,

Sandi; WA6WZN

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THE ELECTION

A nominating committee consisting of Ken, W6HHC, (chairman), Martin, WB6PEX, Don, W6OOH, and Sandi, WA6WZN. have come up with a slate of officers who have volunteered to serve the club for the coming year (if elected).

President	Fried	WA6WZO
Vice President	Jim	WA6LFF
Treasurer	Ted	K6LJA
Secretary	Ken	W6HHC
Activities	Bob	WB6QNU
Membership	Terry	WA6IHZ
Publicity	Bob	WA6LLW
TVI	Frank	WB6KJS
M.A.L.	Kei	W6NGO
	Martin	WB6PEX

Additional nominations will be taken at the coming club meeting on November 19.

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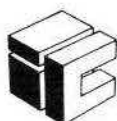
FLASH

A new Amateur Radio store opened November 1, at 6771 Westminster Avenue at the corner of Golden West. The CBCS Electronics Store is located near the Edwards Cinema. A feature will be ham goodies on consignment. So here's a chance to clear out your garage. A 10% discount until December 31 is available and 15% discount to OCARC members showing a valid membership card. The discount does not apply to consignment items.

Come on down and meet the owner, Jerry Grey, WB6NQE. The hours are 3pm to 9pm daily. Saturday 9am to 6pm. Phone number is 892-2221.

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Some of 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.



(714) 997-5343

GREG ELMASSIAN

I.C. ELECTRONIC SUPPLY

STATE OF THE ART FOR: R&D - INDUSTRY - EXPERIMENTER
619 W. KATELLA AVE., ORANGE, CALIFORNIA 92667

931 North Euclid Avenue, Anaheim, California 92801

Walt Henry, Sr. W6ZN
931 N. Euclid Ave.
Anaheim, California 92801
(714) 772-9200 / (213) 430-7997

Henry Radio

714/772-9200 - 213/430-7997

FCC RULES AND REGULATIONS

The July 1976 issue of the Lockheed Employees Recreation Club paper called "LERC Amateur Radio Club Bulletin" says the FCC Rules and Regulations (several pounds of them) governing our Amateur Radio Service are available at \$1.50 from both the Superintendent of Documents, Government Printing Office, Washington, D.C. 20404 and the Public Documents Distribution Center, Pueblo, Colorado 81009. The stock number for Part 97 is 004-000-00325-0.

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NEW MAGAZINE

The September 17, 1976 issue of HR REPORT says that a new Amateur Radio Magazine aimed primarily at the newcomer, has been announced by Ham Radio. It will be called "HAM RADIO HORIZONS" and the first issue will be January 1, 1977. As an attraction to potential amateurs, some CB and SWL coverage will also be included with the expectation that readers seriously interested in these fields might become hams.

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INSTRUCTIONAL AIDS

The September 24, 1976 issue of HR REPORT says that Ham Radio offers a special "Instructor Support Program" for those engaged in training courses for new radio amateurs. Under the program an instructor can order an ample supply of training materials for his maximum expected enrollment from Ham Radio's current book catalogue in time to have them for his first class, but need pay only 25% of their cost. Then, after the class has started and he's been paid by the students, he returns the unused materials and pays only for what was actually used.

U.S. Amateur population reached 279,253 at August's end, up from 256,875 a year ago. Novices now total 31,970 with 3,249 added last month alone.

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RECENT FCC ACTIONS REGARDING AMATEUR RADIO

As previously noted the Commission will no longer be issuing novice prefixes. However, novices wishing to participate in the ARRL 10 meter contest may use their call with a /N attached according to a recent FCC release. This will be optional and it is assumed that this would also apply to the novice roundup, etc.

Effective November 26, 1976, the Commission will no longer require the use of the mobile and portable indicators. The requirements for advanced notice of portable operation have also been dropped. Aliens operating under reciprocal licensing will continue to be required to use a portable indicator and give advance notice of portable operation. The use of the portable and mobile indicator will become optional and may still be used however.

One by two calls with the suffix beginning with X have been released by the Experimental Radio Service for use in the Amateur Radio Service. Experimental calls are normally two by three calls with the suffix beginning with X, so there will be no conflict. Also the FCC released one by two calls with N prefixes beginning November 2, 1976. These two actions will provide 728 new one by two calls in each district.

DECEMBER MEETING -- ANNUAL OCARC CHRISTMAS DINNER

The O.C.A.R.C. is proud to announce that it will hold the ANNUAL CHRISTMAS DINNER on the third Sunday in December, December 19, at THE CROSSROADS RESTAURANT located at 18050 Brookhurst in the city of FOUNTAIN VALLEY. This fine event is planned to start at six o'clock P.M. with dinner being served at 6:30, and features the following items:

1. FABULOUS FOOD AT REASONABLE PRICES
2. FREE DINNERS FOR CHILDREN UNDER 13
3. FREE GIFTS FOR CHILDREN
4. A GIFT EXCHANGE FOR MEMBERS AND XYL's
5. FREE DOOR PRIZES

DINNERS

Two fine choices are available:

BAKED HAM, HAWAIIAN (KH6).....\$ 5.99
TOP SIRLOIN STEAK..1.....\$ 7.20

Both choices include TOSSED GREEN SALAD, STUFFED BAKED POTATO, STRING BEANS ALMONDINE, ROLLS, STRAWBERRY SUNDAE, AND CHOICE OF BEVERAGE. The price includes DINNER, BEVERAGE, TAX AND TIP.

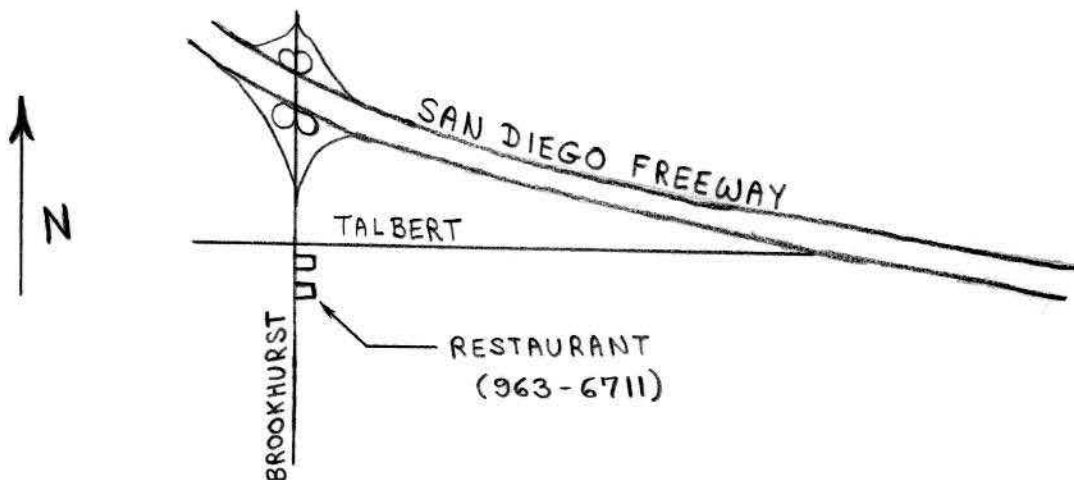
CHILDREN'S DINNER

The children's dinner will include 1/4 pound HAMBURGER, FRENCH FRIES, STRAWBERRY SUNDAE, AND BEVERAGE. The dinner is being provided with compliments of the OCARC to all children under 13--bring them all.

ADULT GIFT EXCHANGE

Presents for the adult gift exchange should be valued between \$1 and \$2. All OM's should bring a gift suitable for an OM, and XYL's suitable for a XYL. Be sure that you attach an OM or XYL tag.

Please contact Fried or Sandi - WA6WZO/WZN (549-8516) for reservations by December 12. Indicate the number of adults, choice of dinners, and the number, names, and ages of children. Please make your reservations as soon as possible.



BOOTLEGGERS

The FCC is coming down hard on bootleggers operating between the 27-MHz CB band and 10 meters. FCC agents and U.S. Marshalls nailed a dozen of the outlaw operators in a July raid in northern New Jersey, and seized and estimated \$10,000 in radio gear.

Amateur input on unlicensed and/or out-of-band operators played a big part in the investigation and FCC/Justice Department people in other parts of the country are also using reports from Amateur radio monitors.

Most valuable data is that providing general operating patterns of illegal operation in a given area. Recent discussions with key FCC enforcement people cited reports of specific frequencies, operating times and general location of operators as being of prime importance, with detailed dossiers on one or two violators activities of lesser interest. Reporters should also specify what they use for monitoring and their location - information can go to any FCC Field Office or Monitoring Station.

from Ham Radio magazine

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THE CLIQUE

Word has been received that the Orange County Amateur Radio Club is run by a clique. Upon investigation the Editor finds this is true. Furthermore, the Editor finds the clique is composed of faithful members who are present at meetings; who accept appointments to committees; who serve the club as officers; who give willingly of their time, energies and efforts; and who sincerely believe that the more one puts into his organization, the more he will get out of it.

There is no question that the enthusiasm, responsibility, and efforts of these members are of inestimable value to the OCARC and the Editor would therefore suggest that you join this clique.

It is not a difficult matter to do so - in fact it is very easy. Begin by attending meetings regularly; take a lively interest in organization activities; make helpful, constructive suggestions, and accept responsibilities to serve on committees; show a continual interest in all affairs pertaining to the club. Before you realize it, you will become a member of the clique - and you will be suprised to know how anxious they are to have you."

from the Mt. Diablo Amateur
Radio Club newspaper, "Carrier".

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NEW ADDRESS

Ernie Fuerte, our Member at large, has moved to:

1959 S. Belle Avenue
Corona, CA 91720

The new phone is (714) 734-7255.

N6V AND TV

If you have about \$700, you can sit in your home and receive pictures of the Martian landscape 230 million miles away.

And if you are a ham radio operator, you can get the pictures for a lot less, particularly if you have a discarded television set.

What is it like to sit in your basement and look at pictures of Mars transmitted by the Viking lander?

"It's fantastic," says Bob Walton, 59, a retired printing foreman and a ham operator. "The most striking photos I have are of volcanoes sticking up through the ice clouds, and of the Martian moon.

"I keep waiting to see that Martian running around up there."

About 25 qualified ham radio operators are receiving the photos, Walton said, and one-third of the nation's 260,000 hams have the capability.

Those wanting the same peek at Mars need about \$700 for a tape recorder, some cassettes, a converter, a ham band receiver and a old television set, Walton said.

Hooking that equipment together properly will give anyone a view of photographs transmitted across 230 million miles by the Viking lander on Mars and relayed by off-duty technicians employed by the National Aeronautics and Space Administration.

The opportunity began when NASA's Jet Propulsion Laboratory in Pasadena broadcast on the 20-meter band last July that off-duty personnel would begin relaying Martian pictures through their amateur radio station.

When station N6V (NASA 1976 Viking) began transmitting, Walton found a junked television set, replaced some parts and was in business to receive the Television picture.

Walton tape-records the signals and puts the recording through a converter, turning the sound into pictures when the tape is played back.

When an N6V operator explains the photo vocally, "I also tape that. When I play it back, I can hear his explanation of what he's showing.

"High-pitch sounds are white on the television screen, and low-pitch are black. The ones in between give you the gray scales. They form a picture."

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SWEEPSTAKES

On the following pages are entry forms for the ARRL Sweepsteakes. The voice contest is scheduled for November 20 through the 21st.

Check the November QST for contest rules and details. I hope to see you on representing the Orange section. (the Editor).

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

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FOR SALE CORNER . . .

DX-60B and HR-10B Novice transmitter and receiver.

Four crystals for transmitter,
Receiver has a crystal calibrator
and Henry speaker.

Asking \$125.

Contact Eric Feign, (714) 544-4380
call after 6:00 pm.

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QST's for sale. Broken sets by year. One half of years
from 1930 to 1971. Some editions are bound by year and
some random complete unbound years. Interested? Then
call Eric Feign (WB6BGV) (714) 544-4380 after 6:00 pm.

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Concertone Tape Recorder. One amplifier per channel.
Speaker and Power supply. Asking \$35.

Contact Eric Feign, (714) 544-4380
after 6:00 pm.

ORANGE COUNTY AMATEUR RADIO CLUB, INC.

POST OFFICE BOX 95

ORANGE, CALIFORNIA 92668

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FIRST CLASS MAIL !!!

DATED MATERIAL !!!