

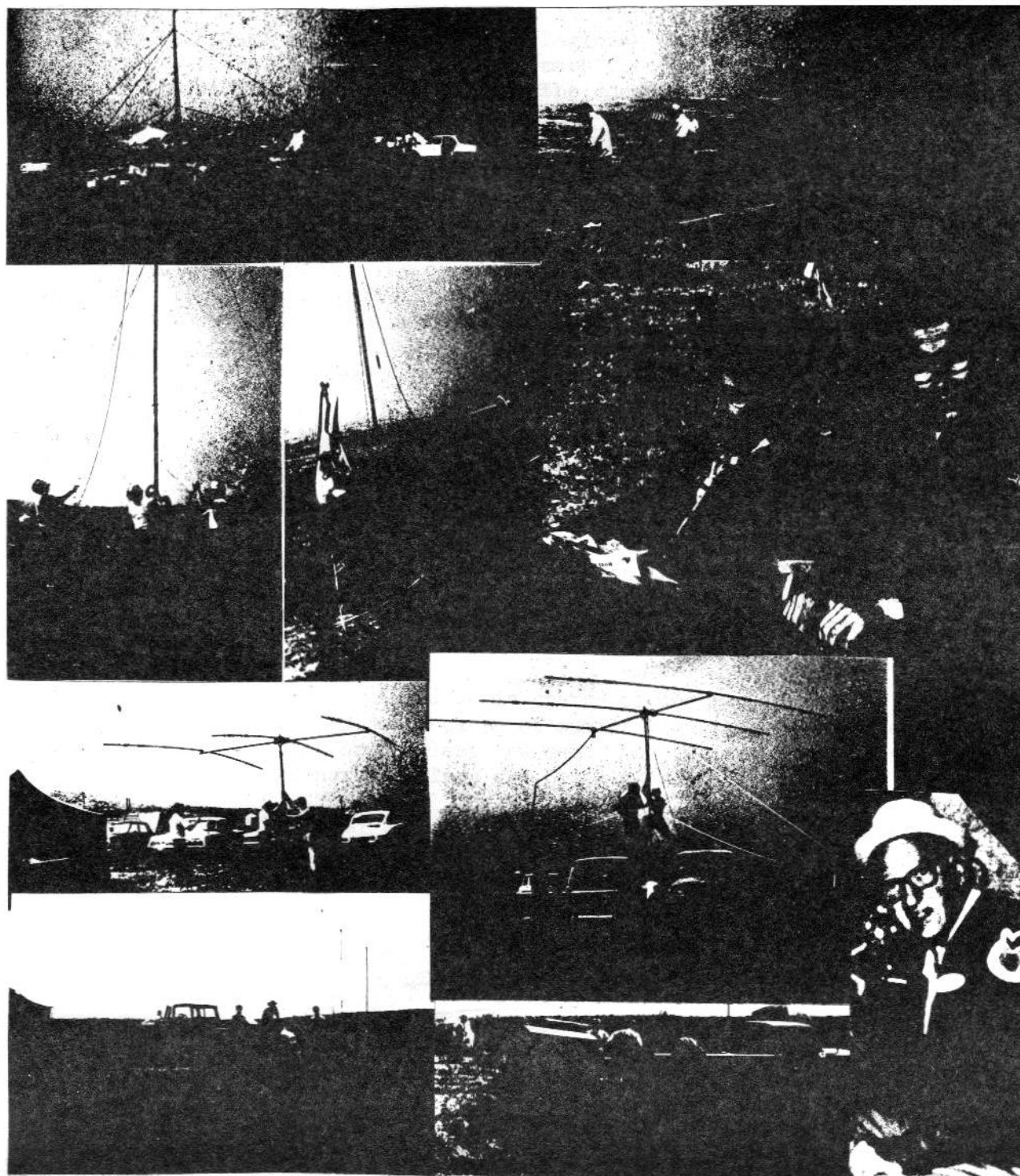


ORANGE COUNTY AMATEUR RADIO CLUB

VOL. X NO. 8

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

AUGUST 1969



O.C.A.R.C. FIELD DAY JUNE 1969

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Bob AF6C,**

## THE PREZ SEZ

I want to welcome Kay, W6NGO, to the Board of Directors. Kay replaces Jack, WB6UDC, as a member-at-large and Jack moves to the V.P. spot created by the resignation of WB6RVM. These officers were voted on at the July meeting. Were you there?

Along with quite a few other OCARC members, I attended the Council meeting at Orange City Hall on July 22, 1969, to hear the Council's decision on regulation of antenna heights. It turned out that the city attorney introduced an Exhibit X to the Amendment No. 1-69 which does not change the present legal antenna height (66 feet) but requires an antenna construction permit for antennas constructed over 20 feet above the roof or 30 feet above ground. To obtain this permit, a detailed construction drawing showing antenna design, stresses, etc., must be certified by an Engineer and submitted to the city. This Engineering certification may be the antenna manufacturer's Engineer or an Engineer of the individual's own choosing. I would hope that antenna manufacturers will supply such a certification to the radio amateur so obtaining the construction permit does not entail additional expense and headache.

In my discussions with ARRL Southwestern Division Director John Griggs, W6KW, after the aforementioned Orange City Council meeting, I learned that the unpopular assembly bill #60, regarding heavy fees levied on amateur radio call letter license places, has been changed in our favor. The Senate transportation committee received so many telegrams and letters from HAMS in opposition to the bill that it was changed by the committee to affect only Citizens Band Radio Operators. The part that affected Radio Amateurs (Section 1) has been completely stricken from the Bill. Hooray! See what we can do when we let our feelings be known to the right people. I'll bet our legislators know a heck of a lot more about the differences between Cbers and HAMS after this crisis. It's about time!

VJ 73 *George WAGNER*

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## THIS MONTH'S MEETING

Monthly meetings of the O.C.A.R.C. are held on the THIRD Friday of each month at the LINCOLN SAVINGS AND LOAN BLDG., at SEVENTEENTH ST. AND BRISTOL in Santa Ana. The next monthly meeting will be held at that location AUGUST 15 at 7:30 PM.

Jack, WB6UDC, our new V.P. will be in charge of the programs and I'm sure he will do a strickly FB job. Because of summer vacations, etc. attendance has been rather light for the last few meetings. Let's all make a special effort to attend the next meeting, and bring a friend!!!!

ATTEND YOUR CLUB MEETINGS ..... IT'S YOUR CLUB ..... LOOK FOR MR. RF

\*\*\*\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*





HELP NEEDED !!!!

The Autonetics Amateur Radio Club needs your help badly. This club has been averaging 2500 overseas phonepatches per month from the GI's in Vietnam and the Far East. But they need additional personnel to man it's MARS station and keep the traffic flowing when the bands are open. You DON'T have to be an employee of NORTH AMERICAN ROCKWELL to help, you DON'T even have to be a licensed ham. You just have to be willing to spend a few hours a week ( day or night ) operating their station, placing calls, or logging.

They have quite a station at the Autonetics plant. The MARS station uses a Collins KWM-2, a 75S-3B, and a Henry 2K-3 linear. The antenna is a log-periodic array at 70 feet. In addition there are several other operating positions and giant antennas for amateur activity.

If you would like to help, contact: QUINT CASSEN 838-7483  
or JERRY WA6ROF

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MINUTES OF THE LAST MEETING -- JULY 18, 1969

The meeting was called to order at 1945 hours by the President, Jerry WA6ROF. The club officers who were present were introduced by Frank WB6TBU.

The film COMMUNICATION EXPLOSION was shown at this time, and was very interesting.

Nominations for a Vice-President to replace Dave WB6RVM, who resigned because of a heavy work load at his place of employment, were placed before the members; Jack WB6UDC, was unanimously elected. Nominations for a Member-At-Large to replace Jack WB6UDC, were also placed before the members; Kay, W6NGO, was unanimously elected.

Visitors to the club were introduced at this time, and were as follows: Larry Hart; M. McMasters; Dan Romm WB6VMY; Bill Bigoss Jr. WA6MWR; Bill Bigoss Sr.; Bob Chase WB6MPC; and Dan Schrickler W6MFT.

Ron WA6FIT, spoke about our impending trip to the Atomic Energy Station on August 3rd, at 2 p.m.

Jerry WA6ROF, read a letter he had written to Senator Short expressing the feelings of the club regarding the bill to increase the fee on Ham License plates from \$3.00 to \$20.00 initially, and \$10.00 per year thereafter. He urged all members to write to their Senator expressing their feelings on this matter.

Another hearing on antenna heights is scheduled for July 22, 1969, at the Orange City Hall. All members are urged to attend, even if they do not live in the City of Orange.

The City of Anaheim is interested in an amateur to head up R. A. C. E. S. for that city. Dave W6GRP, and Ron WA6FIT, both said they might consider the offer.

Paul Taylor was the winner of Mr. "R.F." and will receive a club badge.

The Gridley (W4GJO) Case

The million-dollar lawsuit by a neighbor against W4GJO claiming nuisance from TVI has been reported upon briefly in QST for April 1968, and since has been the subject of questions at almost every ham gathering. A brief report upon the current status of the case is appropriate.

W4GJO's neighbor employed a transistorized preamplifier mounted near the top of a tall mast or tower so as to receive TV stations far beyond their normal service area. The front end of the preamp was tuned by the elements of the TV receiving antenna. Under certain conditions, TVI was caused even when W4GJO was operating "bare foot" without a power amplifier on HF frequencies. The TVI Committee and the FCC's Field Engineering Bureau determined that most, if not all, of the interference occurred only when the preamp was in the circuit, and recommended corrective measures including filters. Instead of adopting the recommendation, the neighbor filed suit in the Circuit Court of Florida in October 1968 alleging the maintenance of a nuisance and seeking (1) an injunction to prohibit using the station and (2) one million dollars in damages.

The neighbor also embarked upon a campaign to "stamp out" amateur radio by placing derogatory comments in certain of his business advertisements and making available auto bumper stickers critical of amateur radio. W4GJO promptly obtained an injunction prohibiting harassment of W4GJO and his wife.

Upon motion of W4GJO, the case was transferred to the United States District Court at Tampa, Florida, because W4GJO's license has been issued by an agency of the Federal Government. Later, the neighbor sought to have the case returned to the state court. W4GJO opposed. The United States District Court has not yet ruled upon the various motions and pleadings on the question of which, if either, of the Courts has jurisdiction.

In the meantime, W4GJO thought it best to move. Before the move, he had filed a suit for injunction and damages alleging harassment by his former neighbor. That case is to come to trial in the state court in the near future.

Predictions in lawsuits always are risky. At this time, however, W4GJO's chances of prevailing in both suits seem excellent.

The League's General Counsel, W4PS, has been in communication with W4GJO's attorney from the very outset. Future developments will be reported promptly.

Ten Meter Band-Opening Contest:

( via "DIDI DUNDUM DIDI" I.A. Section News)

The West Valley Amateur Radio Club of Woodland Hills, California invites all radio amateurs to take part in the first annual Ten Meter Band-Opening contest.

Contest period: 1200 GMT Saturday, August 16, to 2400 GMT Sunday, August 17, 1969.

Bands: Only ten meters may be used. A station may be worked only one time, whether on phone or c.w. Cross-mode contacts are considered valid. No cross-band contacts are allowed.

Exchange: All stations exchange signal report and state or ARRL country. Each completed exchange counts one point. Stations not in the contest may be contacted for contest credit, provided the proper information is exchanged.

Scoring: ADD: (number of contacts) plus (number of states worked) plus (number of foreign countries worked) plus (number of continents worked). Add two bonus points for each WVARC member worked (they will identify themselves as such). Add five BONUS points for every 10 states worked and for every 10 foreign countries worked. Add ten BONUS points for working all continents.

Conditions of Entry: Each entrant agrees to be bound by the provision of these rules and the decisions of the WVARC.

Awards: Certificates will be awarded to the top scorer in each state and ARRL country.

Reporting: Mail logs on or before September 17, 1969, to the WVARC c/o Contest Director, John Musselman, WB6UHF, 22213 Burbank Blvd., Woodland Hills, California 91364. Include date and time in GMT, calls of stations worked, and full exchanges as well as a summary sheet showing final claimed score. Logs must be legible. Include large S. A. S. E. for results. Comments are appreciated.

\* \* \* \* \*

LAST BOARD MEETING -- JULY 13, 1969



The meeting was held at the home of our President, Jerry WA6ROF, and was called to order at 1950 hours.

Jerry announced that due to a heavy work load, our Vice-President Dave, WB6RVM, had been forced to submit his resignation, which was accepted.

It was a unanimous decision of the Board that Jack, WB6UDC, should be nominated for Vice-President at our next regular club meeting. It was also a unanimous decision of the Board that Kay, W6NGO, should be nominated for Member-At-Large to fill the vacancy created by Jack, WB6UDC.

Jerry announced that Assembly Bill #60, which increases the initial cost of Ham License plates from \$3.00 to \$20.00 and \$10.00 each year, had passed in the House. He urged that each amateur write his own Senator expressing opposition to this bill.

The Bond which covers our President, Vice-President, and Treasurer, has been cancelled; and Jack Shaw is in the process of getting it reinstated with another company.

Jerry requested that a list covering all assets of the club should be drawn up so that the club will know the whereabouts of such assets. This will be brought before the members at the next regular meeting, and the lists should be given to the Treasurer.

### The 160 Meter Band

by  
Dave, WB6NRK

Since World War Two, 160 meters has been one of the most neglected bands by both amateurs and manufacturers of amateur equipment. During the thirties, this band was one of the most popular bands and was packed with signals both day and night. During World War Two, LORAN ( Long Range Navigation) came into being, and occupied the band. Amateurs were finally permitted to begin operations in 1949 with frequency and power restrictions varying from one geographic location to another across the United States. Over the past twenty years more and more operating priveleges have been gained by the ham fraternity.

In California the frequencies and power limits are as follows:

		1900- 1925 khz.	1925- 1950 khz.	1950- 1975 khz.	1975- 2000 khz.
Power	Day	100 watts	200 watts	200 watts	500 watts
level	Night	25 watts	50 watts	50 watts	100 watts

Most Western activity is concentrated in the 1975 to 2000 khz. segment. The rest of the band is used mostly by the AM ragchewers. The majority of CW/SSB operations is in the upper ten khz. between 1990 and 2000.

Propagation and amateur activity on this band vary with the seasons. Conditions are best during the Fall, Winter, and Spring months. During the Summer months noise and static levels are very high making distances over 500 miles difficult to communicate over. There is a lot more activity and DX work done during the Winter months. At this time of year, trans-cont-inental QSO's are easily made, and trans-Pacific QSO's are also made with-out too much difficulty. Long distance communications on this band is due to skywave propagation, while much shorter distances are due to ground wave phenomena.

High power on this band is not really necessary. With good conditions, 10 watters should be capable of spanning the continent as easily as a 100 watter. 100 watts on this band is considered high power. The maximum nite time power limit in certain sections of the United States is 200 watts.

As far as DX work on this band, quite a bit has been done. W1BB, Stuart Perry has succeeded in QSOing over 100 countries over the past thirty years and quite a few amateurs in the Eastern states and Midwest have over 50 countries worked. Several WAC awards have been issued. DX work from Calif-ornia is a bit more difficult. A few years back, some W6's managed to work Europe but this is a very difficult feat to accomplish. Many W6's have worked Asia and South America without much difficulty. During the winter months, Japan can be worked quite often if the operator has a good recei-ver and antenna setup.

I have been active on this band since last September with very simple equipment. The station at this QTH consists of a homebrew 30 watt CW transmitter with VFO, a 50 foot base loaded vertical, and an old Gonset G-66 receiver. Using this setup I have managed to QSO 20 states, 18 con-firmed including Hawaii, Canada, Mexico, and Japan. Japan was worked during the November trans-Pacific DX test. However a lot more DX has been heard than worked. I hope to have 100 watts plus single sideband for DX activities this fall.



PRES: JERRY, WA6ROF      MEMBERS AT LARGE      ACTIVITIES: JOHN, W6PNX  
 V. PRES: JACK, WB6UDC      DAVE, W6COJ      PUB. REL.: KEN, W6HHC  
 SECY: FRANK, WB6TBU      KAY, W6NGO      MEMBERSHIP: BILL, WB6WCO  
 TREAS: BILL, WB6CQR      TEENAGE REPRESENTATIVE: DAVE WB6NRK      TVI: DAVE, W6GPR

HAMADS \*\* \*\* \*\* \*\* HAMADS \*\* \*\* \*\* \*\* HAMADS \*\* \*\* \*\* \*\* HAMADS

FOR SALE: Halicrafters SX-111 reciever and HT-18 transmitter. Now reduced,  
both for only \$100!!! Perfect novice station; hardly used.

CONTACT: ROY TEBRETS WB6MCU  
 5241 HEIL AVE.  
 HUNTINGTON BEACH 92647  
 847-4390

FOR SALE: Collins 75a-3 with spkr and 3.1 Khz mech. filter --\$190  
              75A-4 with spkr and 3.1 Khz filter      --\$300  
              also 200-V      --- \$275  
                      600-I      --- \$175

CONTACT: JIM GILBREATH WA6PRG  
 7266 COURTREY DR.  
 SAN DIEGO 92111

HAMADS \*\* \*\* \*\* \*\* HAMADS \*\* \*\* \*\*^ HAMADS \*\* \*\* \*\*^ HAMADS

ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
 P.O. BOX 95  
 ORANGE CALIFORNIA 92668  
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FIRST CLASS !!!!

DATED MATERIAL !