

ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XVIII, NO. 2 P.O. BOX 95, ORANGE, CALIF. 92668

FEBRUARY 1977



VHF
ANYONE?

-- 1977 CLUB OFFICERS --

PRESIDENT	FRIED HEYN	WA6WZO	549-8516
VICE PRESIDENT	JIM KINGSBURY	WA6LFF	531-8717
TREASURER	TED GLICK	K6LJA	542-1340
SECRETARY	KEN KONECHY	W6HHC	541-6249
ACTIVITIES	BOB ECKWEILER	WB6QNU	639-5074
MEMBERSHIP	TERRY MATHERS	WB6IHZ	638-2565
PUBLICITY	BOB MILES	WA6LLW	839-9154
T.V.I.	FRANK GREGG	WB6KJS	968-1450
M.A.L.	KEI YAMACHIKA	W6NGO	538-8942
	MARTIN RAYMOND	WB6PEX	532-4090

YOUTH

REPRESENTATIVE	DREW MEEKS	WA6MMG	636-3670
INFORMATION ON			
HAM RADIO CLASSES	NATE HOOKER	WA6MPI	545-1298

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 So. Tustin Avenue, Orange, CA.

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CALLBOOK SERVICE

The club has copies of the latest U.S. and foreign callbooks which are available at the meeting. Also, you can contact Bob Eckweiler - WB6QNU at home (639-5074) most any week night between 7:00 pm. and 9:00 pm. if you need addresses. If you have more than one call for Bob to check, he'll get them for you and call you back the same night. Also, you can usually catch Bob on the air during and after the Wednesday evening club net.

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THIS MONTH'S MEETING

2 Meters, 1 1/4 Meters and 70 centimeters.

Sound strange? Haven't broadcasted on them because the band select knob on your rig won't turn that far to the right? Then you'll be interested in attending this month's meeting given by Allen Burgstahler - WA6AWD - of the "cactus 40 group." (Cactus what??). Allen's very active on these three VHF bands and he is going to present an interesting and informative program which should include a live demonstration. Perhaps he will impress us with a QSO on 70 centimeters with a mobile station in Phoenix Arizona. Who knows? But we do know that if you thought the 2 Meters, 1 1/4 Meters and 70 centimeters bands were worthless then you should attend the February meeting. It just might change your mind.

THE PREZ SEZ:

I want to thank Bud, W6CG for the excellent program on the OSCAR satellites. For those who wish more information on the OSCAR satellites there is a fine article in the first issue (March) of the new magazine "Ham Radio Horizons".

I am pleased to announce that the Orange County Council of Radio Clubs has been reactivated. The new Chairman will be Jim Edds, WA6HKW, and the new Secretary/Treasurer will be our own (past president) Ken Konechy, W6HHC. As well as the Orange County Council, our club is also a member of the Los Angeles Area Council of Radio Clubs. These organizations enable us to share ideas and concerns such as programs, TVI problems, tower restrictions etc.

As part of the public relations effort for ham radio some fine tapes by Dick Van Dyke are being played periodically on several stations around the country. Watch for them.

Nate Hooker, WA6MPI, has agreed to be available for additional information from inquiries in our area (in addition to his other duties).

As always remember we are here to serve you; please feel free to call us at any time.

Very 73,

Fried, WA6WZO

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HE DABBLES IN DOTS AND DASHES

WIRELESS OPERATOR, 82, 'TALKS' EVERY DAY

Goodspeed (Sam) Corpe's thumb and first finger bounced back and forth over the telegraph key in rapid fashion as they have nearly every day since 1909.

The 82-year-old wireless operator, better known on the airways as W6LM, was "talking" to an old crony, Al Lloyd (W6SRI) in Santa Barbara.

Lloyd, 84, and Corpe have been communicating with each other in dots and dashes regularly several times each month for 66 years.

Corpe's 60-year-old parrot, perched nearby atop radio gear, chattered away while Sam worked his key.

Hildred, Corpe's wife of 52 years, admitted she had never been able to understand all those dots and dashes.

"I don't know what Goodspeed is saying or what others are saying to him on his ham radio. But I trust that guy," she laughed.

Corpe is on the air each day long before the sun comes up-broadcasting from his cabin at his 6,000-foot mountain hamlet 100 miles northeast of Los Angeles.

Unlike most ham operators he has never converted to radio equipment.

"Anyone can yak, but not everybody can telegraph," he said. "I'm one of the few purists still around."

Corpe and his wife have lived on the mountain 45 years.

HE DABBLES IN DOTS AND DASHES cont'd

"I grew up in Oregon," he explained. "Being in Wrightwood is about as near as I can get to Oregon living and still be close to Los Angeles."

Corpe spent three years sailing throughout the world as a wireless operator aboard ships before he and his brother, Barney, bought a Ford agency in El Monte for \$1,750. That was in 1914.

"Automobiles were just coming in," Corpe recalled. "There were no trade-ins in those days. Nothing to trade in. We had to teach them to drive.

"Car tires were smooth, no treads. Anytime it rained, people had to put chains on their tires to get traction."

The Corpe brothers sold the car agency in 1922 to launch one of the first radio stations in Southern California-KUY, Coast Radio Broadcasting System.

"There were only a handful of stations in Los Angeles area at the time," he noted.

"The L.A. Times had a station, so did City Dye Works, the Bible Institute, the city of Glendale and Hamburger's and Bullocks, two department stores.

"We all shared the same wave length-360 meters-and had to split air time. Our station was on the air half an hour three times a week."

Corpe sold the radio station two years later and spent his time as a land developer until moving to Wrightwood. He operated the Wrightwood Lodge for a number of years.

He has kept a diary everyday of his life since January 1, 1909. He records the weather each day and happenings of local, national or international significance.

Corpe's place is easy to spot in Wrightwood. It's the cabin with a 600-foot antenna strung 110 feet high in branches of towering pines.

"I'm strictly an old-fashioned guy," Corpe laughed. "I believe in long wire antennas..."

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MINUTES: CLUB MEETING OF JAN. 21, 1977

The following officers were present: WA6WZO, K6LJA, W6HHC, WB6IHZ, WA6LLW, WB6KJS and W6NGO.

Our guest speaker, Bud Schultz - W6CG, gave a very informative talk on the history and future of OSCAR satellites. Bud described the concepts of the uplinks and downlinks and told how easy it is to get started on OSCAR using PTT on 2-Meter FM rigs. Plans are being firmed up to launch OSCAR 8 (built by Japanese Hams) this fall. Bud also pointed out that there are currently 8000 members of AMSAT, a number larger than the number of hams on TTY or SSTV.

Nate - WA6MPI reported that over 30 people registered on opening day of the new novice class.

continued on a subsequent page

SANDI'S CORNER

I hope everyone will "Be My Valentine" and have a real nice day!!

A good time was had by all at the January meeting. Herb, WB6USF, was Mr. RF and Frank, WB6KJS, was the lucky winner of extra raffle tickets. Sorry to report that Frank was not wearing his club badge so he missed out on additional tickets. However, that did not stop Frank from winning. In fact he won so much that he turned down the new DX call book. Jim, WA6BZW, was the lucky winner of the DX call book.

Dave, W6TDO, noted, "after being out of ham radio twenty years, hams were just as friendly then if not more so now." Welcome to the club Dave.

Congratulations are in order for Dick Buctcher, WB6PVL, for passing his General, (that's real good for never being on the air Dick), Mark, WB6QHZ, for passing his General and Advanced, Bill, K6CYZ, for passing his Extra and his two sons--Mike, WA6JAH, for passing his General and Dave, WA6SRI, for passing his Novice, Terry, WB6IHZ, for passing his Advanced. Dixie (Terry's XYL) is taking the Novice class given by our club and hoped to have her ticket before the harmonic (baby) arrives in April.

Thanks go to Ted, K6LJA for the fantastic job he did as net control. As of February first, Ted has retired and is busier than ever before.

Jim, WA6LFF, (vice president) has gone to Hong Kong on a business trip and hopes to be back in time for the February meeting.

Richard, WA6JZZ, recently went to Hawaii and his XYL would not even let him take his ham radio. (I guess she did not want to share him)!!

Bob, WB6AJV, finally worked his first QSO with a station on the African continent. It was 9G1JN in Ghana. The contact was one of the last in the DX contest during the weekend of February 5th. It was SSB on 20 Meters at about 2358 hours GMT. This is his first and only contact in Africa in almost three years of hamming and will make him eligible for WAC. (The propagation forecasts seem to be accurate. I hope everyone at the last meeting got his copy. The propagation forecasts will be available at the next meeting also...the Editor).

Thanks to Drew, WA6MMG, we now have new club signs at Henry Radio and Savon Electronics.

Jay, WA6MOK, Lloyd, WB6ULU, Terry, WB6IHZ, and Dick, WA6FOW, all got new toys to play with--2 meter rigs.

Good to hear that Sheryl, W6AKN, is back working and just as busy as ever.

Our roving club call, W6ZE/6, hopes to be back at his home QTH before too long.

Vincent, WA6DVM, Vic, WA6RNA, Bruce, WB6S JL and Jim, WA6BZW good to hear you all on the club net for the first time and hope you check in often.

SANDI'S CORNER cont'd

Now that Bob, WB6QNU, (activity chairman) is back from business in the San Francisco area; he is busy planning various activities for the club.

Ron, WA6FIT, just got back from a week in Atlanta Georgia on business and had to cancel going to Ohio to visit his parents because of the weather conditions.

Jack Hollander, WB6UDC, and his son Dave, WB6NRU/7 in Tempe Arizona had a three way QSO with Jack's daughters who were visiting with VS6DO, Paul Bailey, in Hong Kong. This QSO, with Jack's XYL also involved, tied the entire family together via Amateur Radio on 75 Meter Phone on December 3, 1976.

For those who missed going to the SAROC convention in Las Vegas but would like to know what happened--World Radio News (Feb. issue) has a very good review. All the people I talked to from Orange and LA county really had a fantastic time.

The Anaheim Radio Club is having their first annual Swap and Shop on February 26th. For more information call Jerry, W6SSJ at (761-0269).

A very good turn out at the club breakfast--thirty in all including children. Out of town visitors were Helen, WB9KAC, and her OM Ken, W9AEK. They plan to settle in Huntington Beach.

The Novice class is in full swing, Nate, WA6MPI (545-1298) is the co-ordinator, Don, W6OOH is the code expert and Rick, WA6ULV is teaching theory. The ages in the class range from junior high to retirement age. The class is being held at the Trinity Lutheran Church in the youth center, corner of Birch and Mc Fadden. New students entering the class late should be at the present class level. For more details please call Nate, Don (832-9682) or Rick (847-1864).

I'm looking forward to seeing you all at the February 18th meeting, same time and place. The program will be on "VHF" by Alan, WA6AWD, from Riverside.

BCNU,

88,

Sandi; WA6WZN

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MINUTES: CLUB MEETING OF JAN. 21, 1977 cont'd

Ted Glick - K6LJA our treasurer reported that the current checking account balance is \$264.30 and the current savings account balance is nearly \$700.

There were 68 people attending this meeting

Ken Konechy, Secretary

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NOVICE CLASS

Every Thursday night from 7 pm. to 9 pm. the Orange County Amateur Radio Club holds Novice radio theory and code classes. The classes are held at Trinity Lutheran Church, in the youth center, corner of Birch and Mc Fadden. Anyone interested in becoming a radio amateur is welcome to attend. There is no tuition but students must provide their own materials.

THE FATAL CURRENT

Strange as it may seem, most fatal electric shocks happen to people who should know better. Here are some electro-medical facts that should make you think twice before taking that last chance.

IT'S THE CURRENT THAT KILLS

Offhand it would seem that a shock of 10,000 volts would be more deadly than 100 volts. But this is not so! Individuals have been electrocuted by appliances using ordinary house currents of 110 volts and by electrical apparatus in industry using as little as 42 volts direct current. The real measure of shock's intensity lies in the amount of current (amperes) forced through the body, and not the voltage. Any electrical device used on a house wiring circuit can, under certain conditions, transmit a fatal current.

While any amount of current over 10 milliamps (0.01 amp) is capable of producing painful to severe shock, currents between 100 and 200 mA (0.1 to 0.2 amp) are lethal.

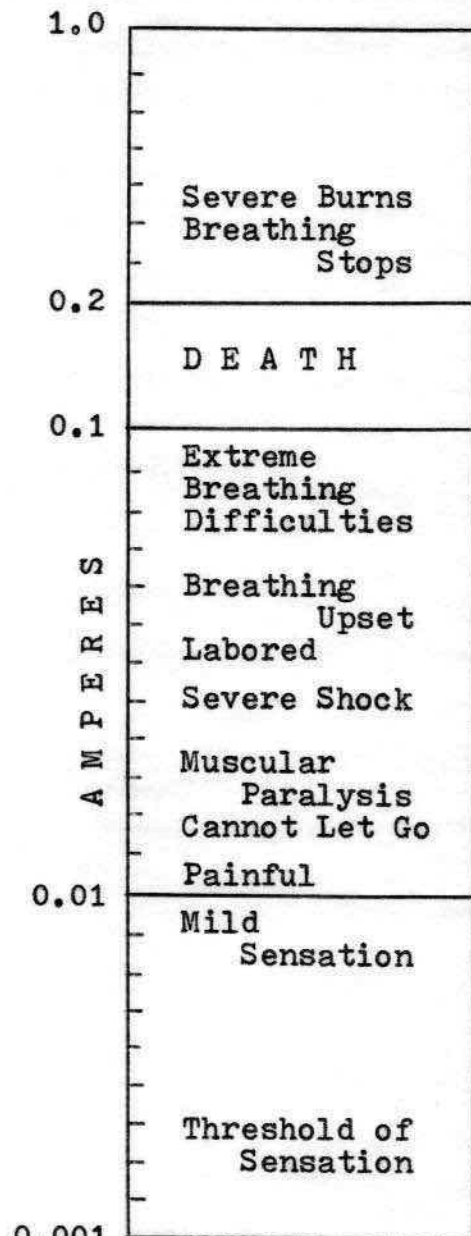
Currents above 200 milliamps (0.2 amp), while producing severe burns and unconsciousness, do not usually cause death if the victim is given immediate attention. Resuscitation, consisting of artificial respiration, will usually revive the victim.

From a practical viewpoint, after a person is knocked out by an electrical shock it is impossible to tell how much current passed through the vital organs of his body. Artificial respiration must be applied immediately if breathing has stopped.

THE PHYSIOLOGICAL EFFECTS OF ELECTRIC SHOCK

Chart 1 shows the physiological effects of various current densities. Note that voltage is not a consideration. Although it takes a voltage to make the current flow, the amount of shock-current will vary, depending on the body resistance between the points of contact.

As shown in the chart, shock is relatively more severe as the current rises. At values as low as 20 milliamps, breathing becomes labored, finally ceasing completely even at values below 75 milliamps.



Physiological Effects of Electric Currents

THE FATAL CURRENT cont'd

As the current approaches 100 milliamperes, ventricular fibrillation of the heart occurs--an uncoordinated twitching of the walls of the heart's ventricles.

Above 200 milliamperes, the muscular contractions are so severe that the heart is forcibly clamped during the shock. This clamping protects the heart from going into ventricular fibrillation, and the victim's chances for survival are good.

DANGER - - LOW VOLTAGE

It is common knowledge that victims of high-voltage shock usually respond to artificial respiration more readily than the victims of low-voltage shock. The reason may be the merciful clamping of the heart, owing to the high current densities associated with high voltages. However, lest these details be misinterpreted, the only reasonable conclusion that can be drawn is that 75 volts are just as lethal as 750 volts.

The actual resistance of the body varies depending upon the points of contact and the skin condition (moist or dry). Between the ears, for example, the internal resistance (less than skin resistance) is only 100 ohms, while from hand to foot it is closer to 500 ohms. The skin resistance may vary from 1000 ohms for wet skin to over 500,000 ohms for dry skin.

When working around electrical equipment, move slowly. Make sure your feet are firmly placed for good balance. Don't lunge after falling tools. Kill all power, and ground all high-voltage points before touching wiring. Make sure that power cannot be accidentally restored. Do not work on underground equipment.

Don't examine live equipment when mentally or physically fatigued. Keep one hand in pocket while investigating live electrical equipment.

Above all, do not touch electrical equipment while standing on metal floors, damp concrete or other well grounded surfaces. Do not handle electrical equipment while wearing damp clothing (particularly wet shoes) or while skin surfaces are damp.

Do not work alone! Remember the more you know about electrical equipment, the more heedless you're apt to become. Don't take unnecessary risks.

WHAT TO DO FOR VICTIMS

Cut voltage and/or remove victim from contact as quickly as possible--but without endangering your own safety. Use a length of dry wood, rope, blanket, etc., to pry or pull the victim loose. Don't waste valuable time looking for the power switch. The resistance of the victim's contact decreases with time. The fatal 100 to 200 milliamperes level may be reached if action is delayed.

THE PREZ SEZ:

Soon our present novice class will come to an end; it is a huge success with over half the students obtaining a novice or higher license. Rick, WA6ULV, plans to begin a new class in the near future. Anyone interested in assisting him in instruction please call Rick at 847-1864.

I would like to remind those of you who plan to pay your dues for this year that we would appreciate having them sent to Ted, K6LJA, (\$8.00) so that you will receive the next issue of RF as well as being included in the membership roster (published in the next issue).

I am looking forward to seeing all of you at the next program where our own Bill Reinkè, KC6TC/W6 will be showing slides of his adventures in the Indian Ocean.

Very 73,



Fried, WA6WZO

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Some or all of the prizes at the meetings are provided through the courtest of the stores listed below. Your patronage is encouraged to maintain their generosity.

931 North Euclid Avenue, Anaheim, California 92801

Walt Henry, Sr. W6ZN
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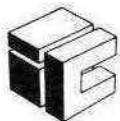
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Swan 350 station including VOX, XTAL calibration,
AC power supply and cabinet, DC module, External
406 V.F.O., all accessories and cables - Mint condition.

\$450.00 (Will break up). Contact Jack Hollander
WB6UDC (714) 544-5369

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A transmitter for 160, all band CW, RTTY etc.?
Have a DX-100 with extra 6146's in good condition.
\$60. Call Ralph Alexander (544-1974) or see him at
the club meeting. (W6RE)

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