



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXX NO. 10

P.O. BOX 3454, TUSTIN, CA 92681

OCTOBER 1989

# ANNUAL OCARC AUCTION!

FRIDAY EVENING  
OCTOBER 20



THE RULES ARE SIMPLE:

- (1) NO SELLERS' FEES. THE CLUB COLLECTS 10% ON ITEMS, SOLD.
- (2) AUCTION STARTS AT 7:30 PM.....DOORS OPEN AT 6:45 PM.

**1989 CLUB BOARD OF DIRECTORS**

President .....	Frank Smith .....	WA6VKZ .....	(relocating)
Vice President .....	John Roberts .....	WA6LAB .....	540-7368
Secretary .....	Bob Tegel .....	KD6XO .....	531-0926
Treasurer .....	Mark Stanford .....	KJ6JC .....	991-7398
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Membership .....	Tom Thomas .....	WA6PFA .....	771-2917
Public Relations .....	Jim Talcott .....	N6JSV .....	838-5395
T.V.I. Chairman .....	Bob Eckweiler .....	AF6C .....	639-5074
Member at Large .....	Ron Toering .....	KB6EZP .....	971-5180
Member at Large .....	Kei Yamachika .....	W6NGO .....	538-8942

**CLUB APPOINTMENTS**

Club Historian .....	Bob Evans .....	WB6IXN .....	543-9111
W6ZE Trustee .....	Bob Eckweiler .....	AF6C .....	639-5074
RF® Editor (Oct. Acting) .....	Jim Talcott .....	N6JSV .....	838-5395

**CLUB FUNCTIONS****MONTHLY MEETINGS:**

Oct 20th

Nov 17th

Dec 15th

Third Friday of each month, 7:30PM at:

*Mercury Savings and Loan*

1095 Irvine Blvd. (4th St. becomes Irvine)

Tustin, CA. Talk-in on 146.55 MHz

(Take the 4th St. exit of the 55 FREEWAY and head east. Continue about two blocks past Newport Blvd. It's on the left.)

**CLUB BREAKFASTS:**

Nov 4th

Dec 2nd

First Saturday of each month, 8:00AM at:

*Denny's Restaurant*

2314 Seventeenth Street

Santa Ana, CA (714) 543-0872

(Between Tustin Ave. and the 55 FREEWAY)

**CLUB NETS**

<u>BAND</u>	<u>MODE</u>	<u>DAY</u>	<u>LOCAL TIME</u>	<u>FREQ MHz</u>	<u>SPLIT</u>	<u>PL</u>	<u>OPERATOR</u>
2 Meters	FM	Wed	2100 hrs.	146.550	simplex	no	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	simplex	no	KD6XO
15 Meters	CW	Thu	2000 hrs.	21.175*	simplex	no	WB6IXN

(Listen for W6ZE, net control) \*±QRM

**ARES DISTRICT NETS**

2 Meters	FM	Mon	1900 hrs.	145.220	-600KHz 1A	N6HQ1 <sup>1</sup>
2 Meters	FM	Mon	~1915 hrs.	145.340	-600KHz 4Z	WA6VKZ <sup>2</sup>
2 Meters	FM	Wed	1930 hrs.	noted	simplex no	noted <sup>3</sup>
75 Meters	SSB	Sun	0900 hrs.	3.965	simplex no	

1 - ARES Information net. 2 - ARES District 3 net starts after info net is completed (Usually about 1915 hours.)

3 - City Nets; Orange: 146.565, N6OWF; Tustin: 146.505, WA6VKZ; Santa Ana: 147.585, W6HHC.



## \*\*\* ON THE NETS \*\*\*

9/6 15m phone net - Net informal. NG7D & YZG report IXN's is cut in half wid new inverted "v" ant. John gets QSLs frm the Bureau, but nothing toward his DXCC. YZG loads his ant wid the ant. tuner & improves his sigs. 9/6 2m phone net- W6ZE/IXN checks in BPX,IMP,RE, COJ,VPP,HHC,UK,(Fred),YZG,LAB,AF6C, & DLA. BPX & Blanche clean the garage. NØne's brother, Ed, visits IMP & takes Jane all over LA County checking out bikes & accesories fer his daughter! IMP says W6RO, on the Queen Mary, shuts dwn fer good on Labor Day! COJ finds visits frm the grand harmonics a bit trying!! Dave also asks VPP when the store is open. VPP has an 'inter-ocular' implant..far vision gud/close vision a bit foggy yet! HHC ventures forth wid Boy Scouts, and camps by road wid logging trucks, doesn't sleep all night! AF6C vy busy at work..but finishes his 'scuzzy' board (SCIS)..a possible Club program in the future, Bob??! And RE says ARRL has introduced the new codeless amateur class license (Communicator) to FCC. DLA rpts in mobile frm Huntington Beach near 405 fwy wid 'popping' sigs. Sigs improve as he reaches Talbert & Beach. LAB announces Bob Dahlin & 'The Universe' will be next Club program. Radar program may come later. LAB reminds all to prepare fer the Auction! VVP tunes up his ancient Heathkit monitor scope fer 'maximum smoke'! (probably a shorted 5U4 or the like! Hi!) RE informs all that repeaters will pay \$75/yr to maintain their repeaters in the six Forest Service Regions! Fred, K6UK, San Diego, checks in. We quickly lose him in the QRN. YZG finishes book recommended by COJ. 9/13 2m phone net- W6ZE/IXN checks in BPX, AF6C, IMP, SDU, RE, JSV, DLA, VPP, XO, & UL. Wyatt uproots the oca & lowers his cholesterol to 256, & he \* Blanche will vacation in Texas in early Oct. RE plays 'Newsline' tape #628, & informs group of Congressman Dingle's proposal of a \$30/yr fee on all hams! IMP, wid nØne on side, plays wid GEOS on the 128, as Jane considers gainful employment in the near future. JSV's automatic sprinkling systems grows by 'leaps & bounds' in the garage, as EZS continues 'planting' at Rocky Flats! JSV also needs to store a 13 yr-old cadillac..want to rent him a space, OPs? JSV enjoys the net broadcasting frm his Atrium! VPP listens to 2m DX via the repeaters & XO asks fer communications volunteers fer the 'CA. Classics' horse event in Bonelli Park, Pomona, in Oct! UL gets cudos frm OPs on Sept. 'RF', as does AF6C fer page 2 done on a laser printer. UL & ops thank COJ fer providing screens fer 'RF' letter-headings! SDU 'flies in & flies out'! 9/14 15m CW net- IXN/W6ZE checks in NG7D. IXN's sigs weak frm the dipole. John prepares to sell his DX-160 & HW-8 QRP rig. The 430-S will take over the chores, & NG7D hadn't heard that XO's father-in-law had passed away! 9/20 2m phone net- W6ZE/IXN checks in BPX,KJ6ZH/IMP,RE,VPP,HHC,DLA,JC, & JSV. BPX enjoys the 5/8" of rain, watches the bees in his tree, & prepares to 'trip' to TX in Oct. ZH/IMP surprises OPs wid his new call, but had upgraded to advanced in 1981. HHC tells all of RNA's 'Hugo Interview' by Channel 5 at VA. Hosp; that rescue station fer plane crash victims in Brazil was an unlicensed CB station; & that W6RO has been re-instated on the Queen Mary.. If anyone needs 'Auction' fliers, give HCC a ring. DLA is mobile in Santa Ana, & informs grp of possible accident at La Guardia Airport. JC says to drop Club bills in the mail & he will get checks to you. JSV & EZS have family visitors frm Amarillo, TX.;EZS 'cooks up' a TX meal, & JSV tells grp abt AREC mobile van operated by W5MVJ & crew in Amarillo; &, the flat-tired cadillac is moved by '2-Bit Tow' to a neighbor's yard! VPP discovers 'wrong parts' in his new Cushcraft ant, & his car 'dies' wid a computer problem! RE plays Newsline tapes & hints of 'lofty goals' in ZH's future as he reminds Chris that Herbert Hoover, Jr., has the call W6ZH..a rig in every shack, Chris?! Remember 'Auction' next meeting! 9/27 15m phone net- W6ZE/NG7D checks in IXN & YZG. Lu's daughter is back wid the family to continue schooling at UCI, & YZG discusses new TS-950, wid digital signal processor, wid the group. NG7D has worked more DX in the past few months than all his previous years as a ham! John's new gnd radials fer the vertical ant. improves sigs 2 S-units at IXN's QTH! IXN just finished having a new roof put on the QTH, now comes more ant. work! Don't ferget to ask Lu abt QTH commotion when the dogs declared war on his daughter's cat!!



On The Nets...contd: lay

9/27 2m phone net- W6ZE/IXN checks in BPX,RE,ATK,DLA,TK, & HHC. Wyatt is having problems getting his rigs serviced. He is thinking of dropping ham radio as a hobby! RE plays interesting Newsline tapes about Hurricane Hugo, & informs group that they have 2 weeks to inform congressmen NOT to approve HR Bill 3299, which would impose new fees on amateurs. ATK is working wid his TNC company & the HT company to get his HT & TNC working harmoniously fer packet operation! DLA has been refining the CW program he wrote fer his computer. HHC & IXN discuss astronomy merit badge & star parties fer Boy Scouts. TK, John, checks into net & discusses some differences between AX-25 normal packet & TCPIP networking procedures, wid onion-skin effect, etc., fer data. How abt a Club program on this subject, John?

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NOT-SO-TRIVIA RADIO HISTORY SINCE 1901  
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- 12/12/01 Guglielmo Marconi sent a Morse signal 2,232 miles from Poldhu, Cornwall, England to St. John's, Newfoundland. The Poldhu antenna was 164 feet high.
- 03/29/03 Regular news service begins between New York and London on Marconi's wireless.
- 04/09/09 Caruso broadcasts from the Metropolitan Opera to the home of Lee de Forest, inventor of the 3-element tube.
- 11/19/11 New York receives the first Marconi wireless transmission from Italy.
- 04/10/12 London: First wireless message received on an airplane.
- 01/04/14 Britain: Marconi conducts first wireless tests from a train.
- 01/05/20 RCA formed with capitalization of \$20 million. Company claims their broadcasts will be heard worldwide.
- 08/20/20 Detroit: Station 8MK begins daily broadcasts.
- 11/02/20 Pittsburgh: KDKA begins weekly commercial broadcasts.
- 08/03/22 WGY, Schenectady, NY, broadcasts first radio sound effect: Two wood blocks slammed together to simulate a door closing.
- 02/22/24 Human heartbeat in St. Louis heard over radio 1,200 miles away in New Mexico.
- 03/07/24 Early repeaters? A six-station network relayed a speech in New York across the U.S. to San Francisco, then to Manchester, England. Distance was over 7,000 miles.
- 07/19/37 Guglielmo Marconi dies at age 63.
- 12/01/39 It is estimated that U.S. housewives listen to an average of six soap operas a day on radio.
- 10/20/89 Orange County Amateur Radio Club holds its annual auction. Cautious buyers and eager sellers stop short of fisticuffs as prices are negotiated.

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\* A large corporation in Irvine has asked if our Club could be their emergency contact \*  
\* in the event of another disaster like Hurricane Hugo in Puerto Rico. They have a plant \*  
\* there and would want to know the status of their facility and employees. No biz talk, \*  
\* just updates on what the home office can provide. If you talk to a Ham in Anasco or \*  
\* Mayaguez, you might want to propose that he be a cooperating Ham in an emergency. \*  
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Here are two interesting articles from The ARRL Letter of September 23. As you can see, the first details the vital part Amateur Radio played in the recent Hurricane Hugo disaster; the second reports that Congress is considering a budget bill that contains an Amateur license fee proposal. If passed, we would pay a fee to perform in emergencies, which we do without compensation.

Better send this page to your Congressional representative, with a note that all 459,635 of us have long memories at election time.

## Hugo Strikes Caribbean

Hurricane Hugo, showing wind strengths of up to 140 miles per hour, slammed into the Leeward Islands on September 17 and began its march across the Caribbean toward Puerto Rico. Many of the first reports from the affected islands were from Amateur Radio stations. Emergency traffic nets were set up and awaited information from these stations on three main 20 meter frequencies.

The ARRL-sponsored International Assistance and Traffic Net (IATN) at 14.303 MHz, the Friendly Caribus Connection on 14.283 MHz, and the International Amateur Radio Network provided front-line communication as amateur stations in the affected areas reported in with damage assessments and assistance needs. The Hurricane Watch Net on 14.325 MHz kept in touch with the storm's progress. A net on 28.450 MHz was also instrumental in providing damage assessment reports from Puerto Rico.

W1AW reverted to an emergency operating schedule on Saturday, September 16. Informational bulletins were sent out and the station monitored on-the-air activity. Field Services Manager Rick Palm, K1CE, headed up HQ operations. Rick contacted the US Office of Foreign Disaster Aid and the National Red Cross in Washington, DC, to let them know of our availability in preparation for the storm. ANERCOM members Joel Kandel, KI4T, of Miami and Geri Sweeney, N4GHI, of Alexandria, Virginia, were also vital in organizing the first ARRL response.

W1AW had the opportunity to check into IATN and the net on 28.450 MHz, which served the needs of Spanish speaking amateurs in Puerto Rico. The HQ staff was assisted by Jose Santiago, a representative of La Casa de Puerto Rico of Hartford, who translated damage reports for the HQ staff. Contact with the net was maintained for several hours after the net controllers asked for assistance from the US mainland.

ARRL made telephone contact with Puerto

Rico Section Manager Alberto Valldejuli, WP4CSG, on Tuesday afternoon and by Wednesday, an emergency network on 28.450 was announced for messages going into Puerto Rico. Health and Welfare traffic was also being passed on 14.270 MHz for any affected location. At press time, hurricane-related traffic is also being handled on numerous other frequencies and via packet radio.

The American National Red Cross asked the Dayton Amateur Radio Association to form a jump team to accompany Red Cross officials to the US Virgin Islands. Ron Moorefield, W8ILC, informed HQ that Dave Morris, N8EEK, and Bob Reckner, W8IQJ, were scheduled to travel with a complete portable station including an electric generator.

### CONGRESS MOVES AHEAD WITH LICENSE FEE PROPOSAL

Discussions in Congress about possible fees for Amateur Radio licenses have alarmed many ARRL members. The ARRL position on license fees was reported at Minute 83 of the July ARRL Board meeting and in ARRL Bulletin number 40. Fees were simply under discussion in Congressional Committees and there was no bill before Congress proposing them.

On Wednesday, September 20, while many amateurs were using their licenses to provide emergency communications in the wake of hurricane Hugo and others were preparing for it to hit the mainland later this week, a budget bill containing a license fee proposal was introduced into the House as HR 3299.

Action is expected in both houses of Congress early in October. ARRL members wanting to express their opposition to the Amateur Radio license fee aspects of HR 3299 will want to contact their Congressional representatives without delay. Senator Carl Levin of Michigan has indicated a desire to work with amateurs to defeat the license fee proposal.

FIRST CLASS MAIL !!!

DATED MATERIAL !!!



ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
P.O. BOX 3454  
JUSTIN, CA 92681

"RF"

OCT '89

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NOTES OF INTEREST

TNX to Alex, W6RE, for the following from The ARRL Letter:

General Motors Corporation has released a brochure titled "Radio Telephone/Mobile Radio Installation Guidelines" for their late model automobiles. The guidelines indicate that improperly installed transceivers may adversely affect the vehicle operations such as performance of the engine and driver information, entertainment and electrical charging systems. Included information is transmitter location, antenna installation, antenna coax routing, radio wiring, connection locations and troubleshooting. Get a free copy of the Guidelines by writing to: Electromagnetic Compatibility Department, EMC Building 40, General Motors Proving Ground, Milford, MI 48024-2001. (Ed. note: These Guidelines can probably be applied to other than GM cars, such as the Audi, N6UJD!)

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Latest list of countries permitting third-party messages: Antigua and Barbuda, Argentina, Australia, Belize, Bolivia, Brazil, Canada, Chile, Dominica, Dominican Republic, Ecuador, El Salvador, The Gambia, Ghana, Grenada, Guatemala, Guyana, Haiti, Honduras, Israel, Jamaica, Jordan, Liberia, Mexico, Nicaragua, Panama, Paraguay, Peru, St. Christopher and Nevis, St. Lucia, St. Vincent and the Grenadines, Sierra Leone, Swaziland, Trinidad and Tobago, Uruguay, and Venezuela. The UK is O.K. only with special events stations with prefix GB followed by a number other than 3.