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## ORANGE COUNTY AMATEUR RADIO CLUB

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VOLUME XXXIX NO. 12 P.O. BOX 3454, TUSTIN, CA 92681 DEC. 1998

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Web Site <http://WWW.w6zw.org>

### The Prez Sez:

Merry Christmas

Will you be joining us for our Christmas party? I hope so. We plan to meet at Mimi's Restaurant located on 17th Street near (east of) the 55 freeway in Tustin. The day is Saturday, December 12th at 6:30 P.M. for wine, soft drinks or... and conversation. Sit down is at 7 PM. No reservations are required, we will order off the menu, so please do show up. There will not be a gift exchange, we just want a chance to get together and enjoy the season and the end of another great year.

We had a great turnout out at the breakfast and made some plans for the new year to keep our club strong and growing. One of our concerns is the financial shape of the club. With our rising cost of postage and printing, it is the Club's RF that dominates the cost per member. It is agreed that the club dues be raised to \$20.00 per year and this motion will be brought-up at the next to club meetings for a vote. Currently the dues are only \$15.00 and that is the amount to pay for 1999 dues until at least the beginning of the March meeting. If the vote passes the January and February general meetings, then the change begins after the February meeting.

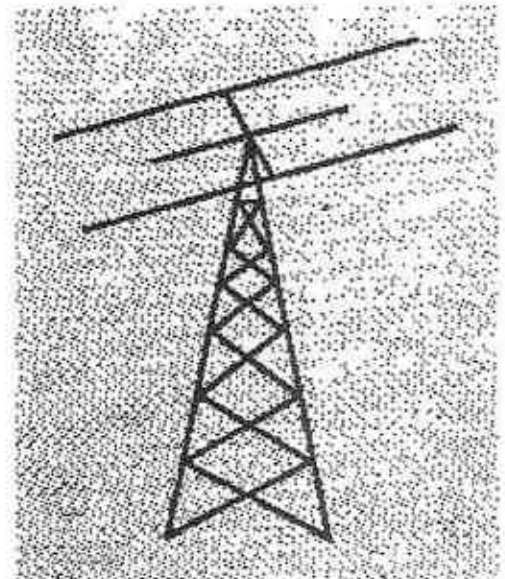
The next topic was the website and its chance at replacing the printed version of the RF for those who desire. Have you logged on our site lately? Please check it out. The webmaster has requested that anyone interested in maintaining the data posted should let that be known. Ken would really like to have some help. Phil will start the ball rolling by posting the club minutes etc. In fact there is a chance that the net news will be the first items to hit our site.

Remember the four towers that we have been trying to sell? Guess what!!! ... they are sold! We had them loaded up on Steve's, KE6NAH, truck and during the Super System luncheon, the last two were displayed and sold.

Welcome to the new officers of 1999, and many thanks to those who helped me in 1998.

73, de kd6bwh, Bob

[kd6bwh@aol.com](mailto:kd6bwh@aol.com)



## 1998 BOARD OF DIRECTORS

President.....	Bob Buss.....	KD6BWH.....	534-2995
Vice President.....	Larry Hoffman.....	K6LDC.....	636-4345
Secretary.....	Jim Winn.....	KE6UCH.....	731-2732
Treasurer.....	Phil Andersen.....	N7PA.....	731-8333
Activities.....	Steve Rasmussen.....	KE6NAH.....	562-3305
Membership.....	John Dawson.....	WA6RND.....	633-7469
Publicity.....	Ken Konechy.....	W6HHC.....	744-0217
Technical.....	Larry Beilin.....	K6VDP.....	557-7217
Member at Large.....	Frank Smith.....	WA6VKZ.....	838-3180
Member at Large.....	Art Sheldon.....	K7ZE.....	997-3735

## CLUB APPOINTMENTS

Club Historian.....	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Refreshments.....			
Field Day Chairman....	Chris Breller.....	KJ6ZH.....	562-925-9157

## DUES

Regular Members.....\$15.00    Additional Members.....\$7.50 each  
Teenage Members.....\$ 6.00    Optional Club Badge.....\$5.00 each  
Dues for new members are pro-rated quarterly from January 1st each year. Family members must reside at the address of a regular member. Only one RF is sent per household.



An ARRL Affiliated Club

# Minutes of the General Meeting

Meeting of November 20th, 1998

The speaker for the evening was Steve Richards, N6SOG. Steve gave a most informative presentation on GPS.

The meeting was called to order at 8:50 PM at the Orange County Red Cross Center. Officers not present were John, WA6RND and Larry, K6VDP. Minutes were approved as published in the RF.

Treasurer's report: Phil N7PA reported \$1004.97 in the treasury and has a budget prepared for 1999. The budget will be discussed at the December board meeting.

Larry K6LDC reported on the "Not-So-DX-pedition and had a video tape to show this eve. The annual Xmas dinner will be at Mimi's Restaurant on Dec. 12th at 6:30 P.M. The membership decided not to have a gift exchange. VKZ suggested adding another Not-So-DX-pedition to the calendar. Those present were favorable. Chris KJ6ZH reviewed preparation for the convention in October of 1999. Preparations for the Wouff Hong ceremony should start in January.

Old Business: A crew of six people will meet with VKZ at Cal Trans yard at 8:45 AM, 11-21-98 to move the towers. The breakfast location will remain at Coco's on Tustin in Orange. Larry, K6LDC will make reservations for another year.

Election of officers results:

Pres. Bud Barkhurst, WA6VPP

Activities Elmer Thomas, WA6PFA

V.P. Chris Breller, KJ6ZH

Publicity Phil Anderson, N7PA

Sec. Corlyn Terando, KE6WIU

Membership Lowell Burnett, KQ6JD

Treas. Ken Konechy, W6HHC

Technical Frank Smith, WA6VKZ

Meeting was adjourned at 2130 hours.

Member at Large Bob Buss, KD6BWH

Respectfully submitted, Jim Winn, KE6UCH,

Member at Large Larry Hoffman, K6LDC

Secretary

# Minutes of the Board Meeting

Meeting was called to order at 0840 at Coco's Restaurant in Orange. All board members were present except Bob, KD6XO.

Secretary : No correspondence

Treasurer: Phil, N7PA reported \$1022.87 in the treasury and \$275 has been received from the sale of four towers.

Vice Pres. Larry, K6LDC discussed the Xmas dinner at Mimi's Cafe on December 12, Also the Not-So-Dx-pedition has been rescheduled to the weekend of April 23-25.

Old Business: There was discussion about putting the RF on the Web as cost saving measure. A sign-up sheet was circulated for those who would like to view the RF on the website. All others will receive the RF by mail.

New Business: Motion was made by Ken, W6HHC, to put the net news on the website starting January, 1999 to reduce the RF to four pages. Seconded by Lowell, KQ6JD. Motion passed unanimously. Larry, K6LDC, will publish the RF if Bud, WA6VPP cannot due to computer problems. Art, KE6WOX, made a motion to raise the club dues to \$20 per year to help raise additional funds. After discussion the motion was seconded by Frank, WA6VKZ, and unanimously passed. The raise will take effect in February, 1999 as part of the club by-laws. Renewals before February will be honored at the current rate.

Frank, WA6VKZ, was appointed ARRL Liaison to Fried Hein by President Bob, KD6BWH.

Good of the club: Ken, W6HHC, announced that pictures from the last No-So-DX-pedition are now on the website.

Meeting was adjourned at 0940 hours., Respectfully submitted,

Jim Winn, KE6UCH, Secretary

**AMATEUR RADIO EQUIPMENT FOR SALE  
2 METERS**

SUGGESTED PRICE

\_\_\_\_\_  
ICOM MODEL 215 WITH MICROPHONE  
\_\_\_\_\_  
KENWOOD MODEL TR 7400 / MIKE/EXTERNAL PL TONE/  
\_\_\_\_\_  
TEMPO MODEL S-2  
\_\_\_\_\_  
KENWOOD MODEL TR-2600A / CHARGING BASE / ST2 MIKE

**220 MHZ BAND**

\_\_\_\_\_  
CLEGG MODEL FM-76  
\_\_\_\_\_  
ICOM HAND HELD MODEL IC-03AT / SPEAKER / MIKE-YAESU MH-12  
\_\_\_\_\_  
KLM ELECTRONICS MODEL PA-10-80BL AMPLIFIER (80 WATTS)

**DUAL BAND**

\_\_\_\_\_  
ICOM MODEL IC W2A /2 MTR 70 CM/BATTERY/ SPEAKER MIKE

**HF STATION EQUIPMENT**

\_\_\_\_\_  
KENWOOD MODEL TS 180S, SSB TRANCEIVER  
\_\_\_\_\_  
KENWOOD MODEL PC-1 PHONE PATCH CONTROLLER  
\_\_\_\_\_  
DENTRON RADIO CO. SUPER TUNER  
\_\_\_\_\_  
HEATHKIT MODEL F-1 Q-MULTIPLIER  
\_\_\_\_\_  
KENWOOD MODEL PS-30 POWER SUPPLY  
\_\_\_\_\_  
HEATHKIT MODEL HN-31CANTENNA LOAD RESISTOR  
\_\_\_\_\_  
KENWOOD MODEL MC-50 MIKE

**MISC. RADIO EQUIPMENT**

\_\_\_\_\_  
KAMTRONICS KAM ALL MODE PACKET CONTROLLER  
\_\_\_\_\_  
UNIDEN BEARCAT MODEL BC50XL HAND HELD SCANNER  
\_\_\_\_\_  
REALIST PRO-2004 VHF AM/FM SCANNING RECEIVER  
\_\_\_\_\_  
SWAN MODEL SR-1 SWR BRIDGE  
\_\_\_\_\_  
CALRAD MODEL 45-737 REGULATED POWER SUPPLY (13.8V-6A)  
\_\_\_\_\_  
ICOM MODEL IC-3PA POWER SUPPLY (13.5V-3A)  
\_\_\_\_\_  
INNOVA 12V RECHARGEABLE POWER PACK (NEW)  
\_\_\_\_\_  
OSCILLOSCOPE MODEL OS-34 / USM / 32 / 115 VOLT AC  
\_\_\_\_\_  
JAX MODEL 305 STEREO EARPHONES  
\_\_\_\_\_  
MICRONTA MODEL 22-201U MULTI-METER  
\_\_\_\_\_  
SIMPSOM MODEL 303 VTVM  
\_\_\_\_\_  
KNIGHT MODEL KG-625 VTVM  
\_\_\_\_\_  
VICTOREEN INSTRUMENT CO. MODEL 631 GEIGER COUNTER  
\_\_\_\_\_  
MISC COAX SWITCHES, COAX, ETC.

**ANTENNAS**

\_\_\_\_\_  
4 ELEMENT HF BEAM (ON TOWER)  
\_\_\_\_\_  
2 METER RINGO RANGER  
\_\_\_\_\_  
2 METER BEAM  
\_\_\_\_\_  
70 CM BEAM  
\_\_\_\_\_  
DISC CONE TYPE ANTENNA  
\_\_\_\_\_  
TUBULAR TOWER, FREE STANDING CRANK UP ( MAYBE US TOWER) 40'-50' .

CALL: ELMER THOMAS, WA6PFA  
714-771-2917

A FRIENDS ESTATE



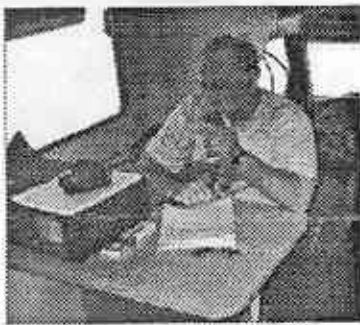
# 4th Not-So-DX-pedition was a HOT-So-DX-pedition

The fourth semi-annual "Not-So-DX-pedition got underway on Friday, October 30, 1998 with most of the participants arriving on the lake bed. El Mirage Dry Lake, the favorite venue of many of the participants, was the location.

Arriving in the early part of the morning was Art, KE6WOX and Larry, K6LDC. The spot was secured and the two began the task of setting-up the antennas and the rigs. With almost a non-discernable breeze and mild, warm weather, this task seemed almost a pleasure.

Up went the all band vertical, secured to the ladder of LDC's motorhome, next came the WOX six meter antenna, secured to the rear view mirror on the motorhome door and then Art, WOX began his time consuming task of putting up and attempting to retune his Hustler all band vertical that he inadvertently screwed-up.

LDC made contacts on 20 meters and 40 meters with US stations and a few Canadians. Later in the day LDC made a contact with Mindanao in the Philippine Islands (a DU8) and later that afternoon with a JA3. About this time Frank, WA6VKZ and Steve KE6NEH arrived and it was time to set-up the cook trailer, with awning (a bit more difficult to erect than a 70 foot tower with 8 stacked 4 element 80 meter beams) and his station.



LDC on 15 Meters

The VKZ generator was rolled out and lo-and-behold, it was sporting a shiny new muffler. If you all remember, the original muffler went down about a year ago, was replaced with a large muffler that promptly broke off taking the flange from the engine cylinder with it during the last field day in June. Now repaired, Frank proudly pressed it into service. After a short period of operation, the OPs there noticed that there was a louder noise

coming from said energy source. Inspection verified the suspicion that the new muffler didn't make it either.

While all this was going on, Elmer (Tom) Thomas, WA6PFA showed up with his truck, camper shell, rig and antenna, a new home-brewed 10 meter rotatable dipole made from copper pipe and a few fittings. It certainly looked like a million bucks watts. Then PFA sprang the truth on us, it has a Gamma match and has not yet been tuned. Out came the MFJ analyzer and after numerous different attempts, unfortunately none of them abiding by the principles of logic and physics, we were able to get a satisfactory match. PFA was now in business. PFA made some good DX contacts with his rig.

Now came the real test of engineering skill and daring. Under the direction of Frank, WA6VKZ, we were about to attempt a feat more difficult than Ziegfried and Roy's making an Elephant disappear. We were going to erect a mast, made up of many sections of aluminum tubing (approx. 40 feet long when assembled) and we would put Frank's all-band VHF vertical on top of it.

A valiant attempt was made; however, someone must have read the plans up-side-down, because it gave in the middle like a long piece of wet spaghetti and VKZ was now the proud owner of an eight foot piece of aluminum tubing with a nearly perfect radial bend. Getting late. We'll try again in the morning.



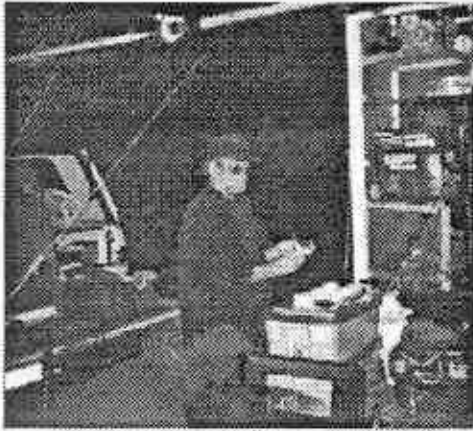
Art, WOX, with the  
Vertical



Repair Time for PFA

## 4TH Not-So-DX (cont'd.)

Art, WOX, tried his QRP rig. He also made some good contacts. All of the OPs noted that it was an incredibly low noise level; what a novelty! Night was beginning to fall and the chefs (of course trained at the



Steve, NEH, prepares the repast!

finest French culinary arts institutions) made up the evening repast. The dinner wine, served with each course was excellent, but tasted a lot like Coors. We were all ready for chow and Steve and Frank performed admirably. Franks trusty companion, K9DOG, begged for dry kibble, but was forced to eat with the rest of us, regardless of his whining.

The night was fabulous, chilly, but not too cold, with a million stars announcing the coming of a bright moon. A fire pit was dug earlier by LDC and NEH and with a load of wood (remnants of LDC's orange tree and home addition) we had a great fire that was enjoyed by all. After the good meal and a few brewskys, most of the OPs were visited by the Sandman.

Saturday morning was glorious. The sun was shining brightly and there was no hint of wind. The morning started with some east coast contacts on most bands

and the fantastic lack of QRN or QRM. Breakfast was prepared by our own version of Wolfgang Puck. It was delicious as usual. Then came the balance of the challenge; the VKZ "Monster Mast." Sensing disaster for a second time, Larry, LDC, relegated his duties to being outing historian and stood by to video the raising as though it were the Marines and the US flag at Mount Suribachi.

The group assembled and Top Kick VKZ directed the operation that looked like it would repeat the previous folly until Art, WOX, decided to get on top of Frank's trailer to take advantage of the better angle for the center support (guy) ropes. Viola!!!! It worked, the mast was up. Now all that need be done was to take



A great campfire (photog missing)



The courageous troops and the dreaded cook tent

it down again, put the 16 foot tall antenna on it, and raise it again. Practice makes perfect and it went up without too much trepidation. This was almost as much fun as VKZ's eight sided loop at Joshua Tree.

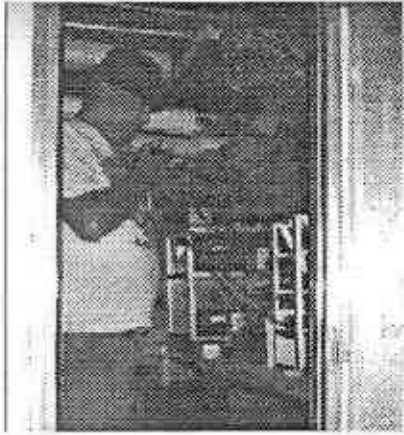
Time for the acid test; does anyone hear the VHF signals from the antenna above the "Monster Mast?" Ask VKZ and NEH for the logs!

Bud, WA6VPP, showed up just in time for the mast to already be up. Speculation is that he was parked about 400 yards away and used binoculars to know how long to wait before joining our group. Lunch time and operating filled the rest of the day. Field Day without any schedules or pressure, a true pleasure.



## 4TH Not-So-DX (Cont'd)

Time for dinner again, wow.... Chicken and dumplings VKZ style. Franks trusty companion K9DOG attempted to escape as soon as he smelled what was coming, but he was tied-up and staked out so that his punishment was certain. A motorcyclist saw what was happening and threatened us with being charged for animal abuse if we made the dog eat it. We capitulated and gave K9DOG his kibble.



**VKZ testing out "Monster-mast and Antenna"**

Darkness certainly comes quickly in the desert, dinner was over and the campfire was started. A super ending to a super day. There were many good contacts made, antenna trials completed, VKZ's "Monster Mast" now had a workable plan for future raising, and last but not least, the cook tent frame had received a color coded plan for erection (sans Viagra), tried and tested (so we thought!).

Sunday morning meant starting the tear-down process. First were the low band antennas and then the "Monster Mast." No problems! VKZ then decided he didn't like the new color coding so it was back to the drawing board, removing all of the color

coding tape and then the redo. The VKZ unit was packed and the area was left for the coyotes. It was a great outing. Some of the OPs felt it was our best yet.

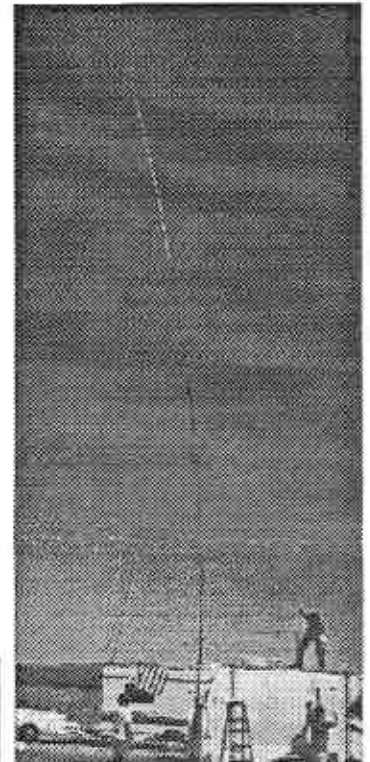
El Mirage certainly has its advantages.  
73



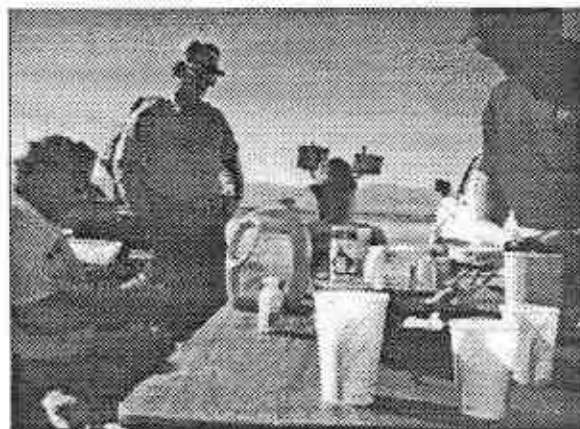
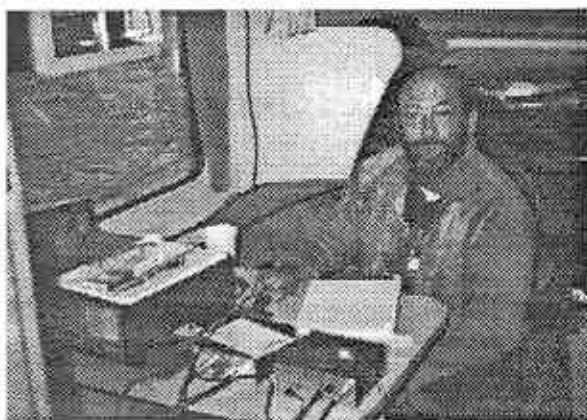
**Top left: LDC and PFA adjusting the 10 meter gamma match.**

**Bottom left: WOX and his trusty QRP.**

**Bottom Right: We get a visit from the BLM (when we tried to feed him he threatened us with arrest for attempted murder).**



**"Monster-mast" + antenna with Art, WOX on the trailer**



OCARC Members

	First Name	LAST	CALL	CL	CITY	E MAIL	Phone no.
1	Arnold	Abrahamson	W6VMV	E	Silverado		
2	Ralph	Alexander	W6RE	E	Tustin		
3	Phil	Andersen	N7PA	E	Santa Ana	phil@blackhawkusa.com	
4	Howard	Atwell	KA6CZI	T+	Anaheim		
5	Bud	Barkhurst	WA6VPP	T+	Anaheim	obarkhurst@aol.com	
6	Paul	Beard	WD6FMX	G	Tustin	wd6fmx@pacbell.net	
7	Larry	Beilin	K6VDP	E	Costa Mesa	k6vdp@aol.com	
8	Jane	Breller	KC6TAM	T	Bellflower	kc6tam@aol.com	
9	Chris	Breller	KJ6ZH	A	Bellflower	kj6zh@aol.com	
10	Lowell	Burnett	KQ6JD	A	Orange		
11	Bob	Buss	KD6BWH	T+	Garden Grove	kd6bwh@aol.com	
12	Bob	Cannon	W6UVC	A	Yorba Linda		
13	John	Clarke	KD6PZF	T	Santa Ana	clarcken@ix.netcom.com	
14	Robert	Coats	W9ESD	E	Costa Mesa		
15	Bruce	Creager	KC6DLA	G	Orange	bhcreager@aol.com	
16	Ray	Davis	W6NT	E	Newport Beach		
17	John	Dawson	WA6RND	E	Orange	wa6rnd@aol.com	
18	Art	Dillon	KE6WOX	A	Orange		
19	Bob	Eckweiler	AF6C	E	Orange	r.eckweiler@genie.com	
20	Bob	Evans	WB6IXN	A	Santa Ana		
21	Larry	Ferguson	KR6LO	E	Newport Beach		
22	Arthur	Fuschetti	N6IAT	G	Corona Del Mar		
23	Tim	Goepfinger	K6GEP	E	Santa Ana	tgepper@aol.com	
24	Lloyd	Harwood	WB6ULU	E	Orange	lloyd@exo.com	
25	Larry	Hoffman	K6LDC	E	Garden Grove	k6ldc@earthlink.net	
26	Dave	Hollander	W6COJ	G	Santa Ana	w6coj@juno.com	
27	Jack	Hollander	N6UC	E	Tustin	hollander@net999.com	
28	John	Homme	N6RUI	T+	Newport Beach		
29	Dennis	Kimball	KB6VFC	A	Hot Springs Village, Arkansas		
30	Ken	Konechy	W6HHC	A	Orange	kkonechy@rainbow.com	
31	Jeff	Kotrys	KE6HER	T	Garden Grove		
32	Mike	McCrackin	WB6SCV	G	Tustin		
33	E.H.	Meeker	W6ECI	G	Orange	w6eci@aol.com	
34	David	Mofford	W7KTS	E	Orange		
35	Steve	Rasmussen	KE6NAH	T+	Lakewood	ke6nah@moonlink.net	
36	John	Roberts	W6JOR	E	Santa Ana	w6jor@flash.net	
36	Jim	Roberts	N6XTJ	A	Ojai	jr_n6xtj@ix.netcom.com	
37	Walt	Rogers	KC6LTD	E	Buena Park		
38	Herb	Rosenberg	KG6OK	A	Santa Ana	herbr@netcom.com	
39	Bob	Schnabel	KM6TL	E	Anaheim	bobvetl@aol.com	
40	Dick	Schumaker	W6AZW	G	Orange		
41	Art	Sheldon	K7ZE	E	Las Vegas, NV	oneoldham@aol.com	
42	Roy	Shelso	W5RT	E	Santa Ana	shelsow5rt@aol.com	
43	Frank	Smith	WA6VKZ	E	Tustin	wa6vkz@aol.com	
44	Jeanie	Talcott	KB6EVS	N	Santa Ana		
45	Jim	Talcott	N6JSV	T	Santa Ana		
46	Bob	Tegel	KD6XO	A	Westminster	kd6xo@aol.com	
47	Cory	Terando	KE6WIU	T	Westminster	corymuzk@earthlink.net	
48	Reg	Thatcher	W6ZXI	A	Newport Beach		
49	Tom	Thomas	WA6PFA	T+	Orange	eelmert@aol.com	
50	Dorothy	Watts	W6IBP	G	Moreno Valley	w6ibp@aol.com	
51	Albert	Watts	W6IBR	A	Moreno Valley	w6ibp@aol.com	
52	Charles	West	KB6TWA	A	Santa Ana		
53	Jim	Winn	KE6UCH	T	Tustin	winjay@pacbell.net	
54	Chris	Winter	W6KFW	A	Santa Ana	cwinter727@aol.com	
55	Ida	Yamachika			Orange		

Phone Numbers removed for member's privacy





The **W6ZE**

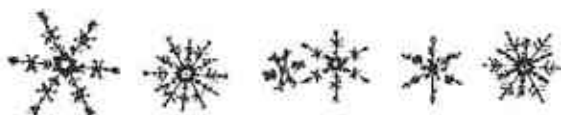


# Annual Xmas Party



**Saturday, Dec. 12th, 1998**

7:00 PM until.....



*At Mini's Restaurant*

**17th St. at the 55 Freeway, Tustin**

Dinner is from the menu.

- ★ **Great Selection of Food**
- ★ **Modest Prices**
- ★ **Wonderful Atmosphere**
- ★ **Dinner with Friends**



For more Info

**Call Larry Hoffman, K6LDC  
(714) 636-4345**



# Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq. Mhz.</u>	<u>Net Control</u>
10 Meters	SSB	Wednesday	7:30 P.M.	28.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

\* Plus or Minus QRM

## General Meeting

January 15  
February 19  
March 19

General meeting is the third Friday of each month, 7:30 P.M., at the AMERICAN RED CROSS facilities.

601 N. Golden Circle Dr. , Santa Ana, CA

Major cross streets: Fourth Street and Tustin Ave.

Talk-in frequency 146.550 MHZ. simplex.

## Board Breakfast

January 2  
February 6  
March 6

Board Meeting is the first Saturday of each month at 8:00 A.M.

Coco's Restaurant---Members and visitors are welcome.

2585 N. Tustin Ave., Orange, CA

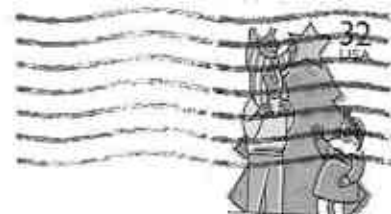
Exit 55 Freeway at Lincoln Ave., West to Tustin Ave., Left on Tustin Ave. Restaurant is on the east side (across from the Ford Agency).



Orange County Amateur Radio Club, Inc

P.O. Box 3454

Tustin, CA 92861



## First Class Mail

To:

WB6IXN Bob Evans  
701 S. Kilson Dr.  
Santa Ana, Ca. 92701

Your Personal  
Copy

Time Dated Material  
PLEASE RUSH

## **COMING EVENTS**

January 2nd. Board Meeting

January 15, Regular Meeting

Apr. 23-26 "Not so DX-pedition"