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ORANGE COUNTY AMATEUR RADIO CLUB  
VOLUME XXXIX NO. 2 P.O. BOX 3454, TUSTIN, CA. 92681 FEB. 1998

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### Prez Sez

Field Day.

The Board Breakfast produced lots of discussion regarding this year's Field Day. As stands now we plan to be 3A with a possibility of completely revamped antenna system. A trial run is set up as a "Not so DX pedition" to take place possibly in Joshua Tree. Stay tuned to the Nets and meetings for more on that.

For those not using a mike or key at our field day site, please use any possible band that you have available to contact us from your own QTH.

Dues are due again. Thanks to the Editor for providing a blank membership form last month. We had a nice turnout of mailed in memberships because of it. Also noticed was the fast pace of our membership chairman and the treasurer in processing the 1998 Dues that were paid during our January club meeting.

The club simplex frequency 146.55 was pretty quiet. Lets start using it in the commute to our club meetings or the board breakfasts. Maybe there will be those in the wood work that will ask about the club. We need new members!

The club has been offered an antenna tower. Looks pretty good for a 20 year old tower. The is in 4 10' sections. Only problem is that it is still connected to the house. Weather permitting we have a work party set up for Saturday the 21st of February. Who will get the privilege of climbing the tower? Rumor has it that there may be a Crane on site to assist. If that fails to materialize then the Gin Pole is up to Frank and his crew.

73, de kd6bwh Bob  
email 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.....	630-3305
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.....	AD6B.....	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

# LOOK



## Coming Meeting Programs:

February 20th Ken Bourne, W6HK will update us on RACES. Ken is now a State coordinator. It will be an essential program for all of us.

March 20th Bruce Stwertnik of NCG-Comet Antennas will talk about new antennas and devices for the radio amateur.

April 17th Wayne Overbeck, N6NB, will present "Measuring Antenna Gain; Quads, Yagis and others."

May 15th Art Goddard, W6XD, will present his great talk and photos on his recent DX-pedition to New Guinea. Please see the write-up in this issue.

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### Congratulations

To the winners of the raffle drawing at the January OCARC meeting.

The grand prize, a indoor/outdoor thermometer, was won by N7PA. The other winners were K6LDC, KE6WOX and WA6PFA. A special thanks to everyone who participated.

For the month of February the grand prize will be a MAHA universal charger.

See you at the meeting.

"73" KE6NAH activities

Orange County Amateur Radio Club  
Statement of Receipts, Disbursements And Cash Balances 1998  
Compared to Budget 1998 and Actual 1997

Category	For the month ended January 31, 1998			Budgeted	Actual
	Receipts	Disbursements	Net	12 Months 1998 Net	12 Months 1997 Net
ARRL Membership dues	0.00	0.00	0.00	0.00	16.00
Auction	0.00	0.00	0.00	80.00	93.54
Badges	30.00	11.34	18.66	10.00	10.51
Club Dues	472.50		472.50	740.00	784.50
Convention	0.00		0.00	0.00	900.00
Donations	5.00		5.00	200.00	100.04
Equipment Maintenance		0.00	0.00	0.00	(7.00)
Field Day - Food	0.00	0.00	0.00	50.00	122.62
Field Day - Other	0.00	0.00	0.00	(100.00)	(170.38)
Flowers		0.00	0.00	(35.00)	(43.00)
Insurance Expense		0.00	0.00	(327.00)	(327.00)
P. O. Box Rental		0.00	0.00	(40.00)	(40.00)
Picnic in the Park	0.00	0.00	0.00	(40.00)	(59.31)
Plaques & Awards		0.00	0.00	(100.00)	(63.31)
Raffle	68.00		68.00	35.00	53.75
Refreshments - meetings	11.91	5.99	5.92	(30.00)	(16.22)
Refunds	0.00	0.00	0.00	0.00	21.50
RF - Postage		51.20	(51.20)	(300.00)	(302.42)
RF - Postage - Donated	0.00	0.00	0.00	0.00	0.00
RF - Printing - Donated	22.23	22.23	0.00	0.00	0.00
RF - Printing		0.00	0.00	(50.00)	(72.04)
Supplies		0.00	0.00	(25.00)	(49.45)
World Radio Purchase		65.00	(65.00)	(65.00)	0.00
Xmas Party	0.00		0.00	0.00	0.00
<b>Totals</b>	<b>609.64</b>	<b>214.35</b>	<b>395.29</b>	<b>3.00</b>	<b>952.33</b>
Net Increase (Decrease) in Cash			395.29	3.00	952.33
Beginning Cash Balance			1463.55	1463.55	511.22
Ending Cash Balance			1858.84	1466.55	1463.55
Paid Members			30	54	57

Minutes of General meeting 1-16-98

The speaker for the evening was Chris Breller KJ6ZH. His presentation was "How to work Amateur Radio Satellites".

Meeting was called to order at 8 45 PM. All board members were present except Ken W6HHC. Frank WA5VKZ made the motion to approve the board meeting minutes as published and Bob KM6TL seconded. Frank also made a motion to spend \$65 for this years Word Radio and it was approved. Phil N7PA stated that he would like to establish simple procedures on how to handle financial affairs. There was a general discussion on finances and ways of saving money.

Activities: Steve KE6NAH reported that everything was going good and discussed raffle prizes.

Publicity: Ken W6HHC was not present.

Technical: No report

Membership: John WA6RND introduced Corlyn Terando KE6WIU who is visiting, and David Moffett W7KTS, a new member. RND reported we have 26 renewed members.

Secretary: No correspondence

Ad-Hoc: Larry K6LDC reported on tentative activities: March Club DX contest

April	Baker to Vegas
May	Not So DX
June	Field Day
July	O.C. Fair
Aug	Maritime mobil

Old Business: No response has been received from the City of Anaheim regarding the trailer.

Chris KJ6ZH will write a letter to the Marine Base for Field Day use.

A Field Day committee

meeting was scheduled for this Monday night at 7pm at Larry Hoffmans home.

New Business: Tom WA6PFA announced the Baker to Vegas run will be April 23-24th. There was general discussion about the event. Larry K6LDC announced there will be a good buy coming up on GPS receivers. Let him know if interested.

Good of the Club: Bob AF6C read a letter from W9GI, a member of the Geritol Net and suggested we send him a copy of our RF. Dave W7KTF told the club that the O.C. Fair is running July 10-26th and he will be running the HAM Booth. Volunteers will be needed to man it. Pres. Bob Buss KD6BWH appointed John Clarke KD6PZF as assistant director to Fried Heyn pf the ARRL and directed the secretary to send a letter notifying Fried. Bob AF6C made the motion to adjourn and it was seconded by Frank VKZ. Meeting adjourned at 9.30 PM. Respectfully submitted: Jim Winn KE6UCH

Board Meeting 2-7-98

Meeting was called to order at 8:52 am at Cocos restaurant. All board members were present and a total of 20 members attended.

Treasurer: Phil, KK6QE reported a balance of \$1858.84. VKZ made a motion to approve the budget as prepared and published. NAH seconded and was approved.

Membership: John, WA6RND reported two new members and thirty five have been renewed.

Activities: Steve, KE6NAH requested money to buy raffle prizes for three months at a time. Since the money is already budgeted no vote was needed and was approved.

Publicity: Ken, W6HHC had no report.

Technical: Larry, K6VDP had no report.

Secretary: Jim, KE6UCH said there was no new correspondence. A letter has been sent to Fried Heyn of the ARRL announcing the appointment of John Clarke, KD6PZF as club liaison.

Vice Pres: Larry, K6LDC announced that he and Art, KE6WOX will be scouting for a DX-pedition site. The program for this month will be presented by Ken Bourne, the state coordinator for RACES. The May program will be on Comet antennas. April will be a presentation by Wayne Overbeck and May by Art Goddard.

Old Business: Bud, VPP is still working on storage for the trailer. Chris, KJ6ZH reported on the field day committee meeting which may decide the ultimate fate of the trailer. It was decided to run an article in the RF discussing the proposed sale of selected field day equipment and new procedures for field day. Chris requested that a board member make a motion that we accept written bids for the club field day equipment as outlined in the handout presented. These bids will be contingent upon the club authorizing the sale of the equipment. VKZ made the motion and NAH seconded. Motion was approved. Frank, VKZ stated that the field classification will be 3A plus UHF. Tent A will be 10 and 75 meters. Tent B will be 15 and 40 meters. Tent C, 20 meters and Satellite. Tent D will be 6, 2, 220, 440 and 1.2.

Phil, KK6QE recommended that Chris be listed in the RF under Club Appointments as Field Day chair. Jim, KE6UCH recommended that John Clarke be listed as ARRL liaison. Pres, BWH directed the RF editor to do so.

New Business: Larry, KE6WOX requested that the club participate in the Wisconsin QSO Party. It will be voice and cw and will be held at the shack of Larry, K6LDC on the 14th of March, 10am to 2 pm. This will be a good opportunity to get some HF experience for novice and techs.

Good of the Club: Larry, K6VDP reported that a four section tower was being donated to the club. The club has to take it down. Several club members will look at the tower after the meeting today.

Motion to adjourn was made by Bob, AF6C and seconded by Steve, KE6NAH.

Meeting was adjourned at 9:45 am

Respectfully submitted

Jim Winn, KE6UCH, Secretary

NETNEWS  
by WB6IXN

1/7 10m Phone Net - W6ZE/HHC checks in AF6C, LDC, RND, IXN, AD6B, WOX, TWA, and RE. AF6C monitors the Net tonite as HHC assumes NC. LDC has interrupted wiring in the new addition to the QTH! And VFC helps Larry put up antennas agn. And Larry announces a VE session fer ham licensing in Cypress Sat. RND tries a headset/mike combo on the new rig. Sounds like John developed an audio feedback problem when a steady tone was heard in the headset! RND got great rpts frm OPs on the new mike performance. And John had three Christmases..one in Salt Lake City, one in Boise, Idaho.. and one at home!..Plus, enjoying the movie, Titanic, on the big screen. IXN and brother, Lee, 'flu' in the San Jacinto Mts. over Christmas. And Bob tells OPs that the new bug might be the Australian flu. AD6B has time to give all OPs gud rpts before Art goes to the landline! AF6C gets the ant. rotator bk together. And WOX finds being 'Santa' a bit disconcerting!...Everybody got what they wanted, and Art got the bills!! And then, WOX ends up at the wrong restaurant for the Club Bfast! TWA & IXN hve a tough time copying NC. The QRN was bad, Ken's sigs were low, and HHC has a drift problem in the rig. And Charles had wind damage to the vertical after the last two wind storms. RE can't hear NC tonite, so WOX relays fer Alex bk to NC. RE & XYL hve gud rpts on their recent Physicals!

1/7 2m Phone Net - W6ZE/IXN checks in LDC, AD6B, KFW, VFC, RND, WOX, VDP, RE, TWA, KF4ROO, BWH, and UBK. LDC & RND give new Club Bfast location at Cocos, alongside 55 Fwy, 1 block S. of Lincoln, just across frm Villa Ford. And Larry announces VE session at EDS Graphics Sat., in Cypress, at 9:00 am. AD6B has gud sigs at IXN's QTH on 10m. Art has an ant. tuner in line. AD6B & LDC note drift on HHC 10m sigs, and Art wishes all a HNY. KFW says the dummy load he got frm NGO was not a Cantenna. And Chris has a broken ring gear in the AR-22 ant. rotator..Can anyone provide Chris wid info. on getting a new ring gear? VFC says 6m was open every day bet. Christmas & New Years. Dennis worked a CO2OJ in Cuba, and a ZL! OPs tell RND that his audio tone he heard in the new headset was not transmitted on the air. BWH, at work, has been spending many hours trying to get the 'crashed' computer bk on line...Gud luck, Bob!! IXN tells WOX to mark 1st qtr moon on the calendar. Then take telescope & son outside to observe mountain shadows on the moon. And Art reminds all abt the upcoming VHF Contest this weekend. VFC is off to Arkansas on the 17th, to register his autos at a much cheaper rate than in CA! VDP says RND has weak sigs at the QTH, and that WOX has a 'lil hum on his sigs. And Larry visits a friend in Long Beach, who gives him 2 rigs to sell! RE, XYL and visiting daughters all stay well over the holidays, escaping the flu! And Alex is mowing the lawn agn...Spring is on its way! TWA & XYL get all Christmas trimmings away, they, too, escaping the flu! And UBK announces the birth of Casey Melissa, at 7lb 15 ounces, at 08:25 on 2 Jan.!

1/14 10m Net - W6ZE/AF6C checks in FMX, LDC, RND, IXN, AD6B, WOX, RE & TWA. All OPs get their RFs early in the week, in response to RND's

question. And many OPs felt the sharp jolt frm the 4.3 Chino event! FMX finishes some inside plumbing and re-tiling, and Paul says the XYL almost got her license, but switched to computers instead! LDC relays time of 6:30 pm to OP interested in the 'meeting before the meeting' Fri. eve. And Larry passes out Club fliers at the recent VE meeting in Cypress. RND's computer monitor took a jump wid the 4.3 Chino jolt! N6IAT is recovering frm colon/liver cancer says IXN, and Bob has a copy of the 1st seismic waves frm the Northridge event. AD6B has set June or July fer his retirement. And Art still has a vintage ATV camera in the shack. AF6C has the ant. rotator ready fer installation on the tower after he checks rusted guy lines! And WOX 'rests his eyes' and arives late on Net. And like IXN, Art gets invited to re-visit his dentist! RE is scheduled to visit a urologist wid his elevated PSA! And Alex fights to keep his head above the weed and oxalis at the QTH. TWA, wid 10" of rain in the rain guage year-to-date, now has two hats to replace on the wind damaged antenna!

1/14 2m Phone Net - W6ZE/IXN checks in VFC, RND, BWH, LDC, RE, TWA, WOX, and VDP. BWH checks in mobile wid excellent sigs at ZE's QTH, wid IXN thinking Bob is at the QTH! VFC is off fer a 9 day trip to AK. And Dennis says there were strong 6m openings to the East coast last Sat. & Sun., wid 31 contacts Sat., and 38 on Sun. And VFC got 9 new grid squares! RND watches the football playoffs last weekend, garners more FISTS Club members fer WAS, wid 42 states worked. And John says 40m is open almost all night!...See RND if you hve any info. on a CYRIX CPU! LDC is busy wid tile work. And RND asks Larry fer location of DXpedition. LDC will keep John informed. And Larry says Jan. speaker will discuss amateur satellite communications, Mar. meeting will feature Comet ants., & Apr. will see Wayne Overbeck return to talk abt measuring ant. gain. Also, Larry wants OPs to welcome 'Mike', who passed his 20 wpm code & Gen. license test, to the Club Fri. eve! RE says WOX has a tone on his sigs, and Alex' narcissus, etc., are in bloom. RE & XYL hve a visit frm their daughter on the 8th. TWA has ripe oranges & tangelos! And Charles has potted some tomato volunteers fer later planting. IXN has a 6+ foot tomato plant loaded wid green tomatoes. And WOX went to see the movie Titanic. VDP says the last DeVry Swapmeet is this weekend! Larry will try to unload a 7950 Kenwood. Larry hears frm Rolf in Spokane, WA. QW's adr is: Rolf Franzke, 26610 N. Jackson Rd., Chattaroy, WA. 99003. And VDP hears SC, FL, and LA on 6m last weekend. Larry will give IXN PD pix at meeting Fri. eve.

1/21 10m Phone Net - W6ZE/AF6C checks in WOX, LDC, VDP, RND, IXN, HHC, TWA, K7KER, and KQ6JD. 10m DX is beginning!...ZE checks in Ed, K7KER, frm Bozeman, Mont.! WOX' harmonic is planning a trip to Europe as Art hears OPs advize the use of a credit card in place of currency exchange! LDC listens to a Pres. Clinton interview on CH 28, hears all OPs well tonite, suggests NCs bring guest check-ins bk to net sooner, to keep them interested. And Larry enjoys the recent FD Committee meeting. RND chases FISTS contacts, read the DMV manual fer an upcoming DMV appt. Fri., plays numerous gigs, and looks forward to the Superbowl Game. And let's not ferget the new computer, telephone line, etc., to allow John to 'Surf the Internet'! IXN gives Loel, KQ6JD, the 2m Net freq., and VDP & IXN can't hear HHC tonite. But



Larry hears Ed in Mont. TWA & VDP will check on a free 4-section tower to see if it can be dismantled. And Charles talked to Helena, Mont., wid vy,vy cold temps. reported there! VDP gives NT a copy of the QRZ ham I.D. program fer his computer. JD works at Boeing in another Division than AF6C. Loel has a dipole in the attic, and plans to join OCARC!

1/21 2m Phone Net - W6ZE/IXN checks in LDC, RND, BWH/m, JD, WOX, TWA, W5RT, Roy, VDP, UBK, & KD6SIN, Paul, in Anaheim. LDC gets floor & bathroom tiling done, sealing of the countertops, and the electrical problem solved in the new QTH addition. RT sigs are weak at RND's QTH. And LDC's XYL temporarily removes the heater frm Larry's shack! And RND tells OPs that FISTS has its own QSL bureau...Now if John can just get caught up on all those back QSL cards! BWH airs Newslines wid FCC opening Gate 4 Vanity Call Signs! WOX welcomes Paul, SIN, to the Net, and IXN & Art talk abt comparable dental work! VDP thinks that a low HT battery may hve removed SIN frm the air, and Larry enjoys the FD Committee Meeting, too. And VDP says the OPs frm the TRW Swap Meet may soon hve a new site fer the swapmeet! SIN had gud sigs while he was wid us. And Paul is located in a trailer court in Anaheim wid a 2m handheld and vertical ant. TWA welcomes SIN to the Net, too. And Charles says IXN parallels 'Jack in the beanstalk' wid 'Bob & the tomato vines'! UBK 'flies in & flies out'.

1/28 10m Phone Net - IXN calls AF6C informing him that power is off at the QTH. W6ZE/AF6C checks in AD6B, WOX, JD, LDC, RE, RND & FMX, plus a new OM frm Costa Mesa!

1/28 2m Phone Net - AF6C passes news of IXN's power failure to the Net. W6ZE/LDC assumes NC duties and Larry checks in VDP, WOX, RE, TWA, AF6C, VFC, KFW, RND, and a new OM frm Costa Mesa! IXN tells AF6C & LDC, by landline, that a power pole on McFadden Ave. was sheared off in what appeared to be a fatal auto accident!

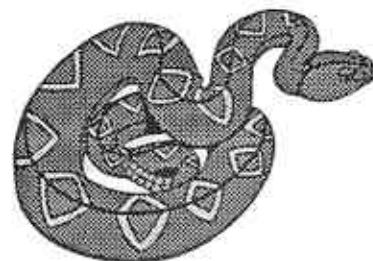
## Amateur Radio Meets the Stone Age In Papua, New Guinea



recently visited "PNG" and operated with the call sign P29AS. Art is a noted photographer whose slides really capture the essence of exotic places and the thrill of international DX contesting.

What comes to mind when someone mentions Papua, New Guinea? Natives in tribal dress? Birds of Paradise? 700 different languages? Stone age culture? World War II battles? A rare DX country? Well, its all that *and more*.

Don't miss the May meeting program, as Art Goddard, W6XD, tells the story of a local ham group that



This is a general interest program that will appeal to your family and friends. Be certain to talk it up with all of your ham friends on and off the air, that are not members of OCARC, and invite them. See you there!

## Notice To All Members.

This is a rare opportunity for club members to significantly upgrade their station.

The Orange County Amateur Radio Club is tentatively accepting offers from club members to buy the below listed club equipment contingent on approval of the board in May 1998. This equipment was used by the club for past Field Days. All offers must be made in writing to Chris, KJ6ZH by May 1, 1998. If the board approves the sale of this equipment, payment and pickup must be made by May 31, 1998. If any items are unsold or unclaimed by June 1, 1998, those items will be offered to the Ham community at large. Items are available for inspection by appointment only by contacting KJ6ZH at home 562-925-9157 or at Work 714-863-1499.

Qty.	Item	Minimum Bid
4	36' tubular crank-up tower w/rotor cage And base, good condition.	\$100.00
3	Alliance antenna rotors w/control boxes	\$ 50.00
1	Homebrew 20 meter 3 element Yagi beam. Good condition.	\$ 80.00
1	15 meter 3 element Yagi beam, good condition.	\$ 80.00
1	10 meter 5 element Yagi beam, excellent condition	\$100.00
1	Utility Trailer (Configured for transporting towers And antennas)	\$Best Offer

Offers can be provided to Chris KJ6ZH at a club meeting, by mail via Call book address, or via E-mail: KJ6ZH@aol.com.



## The W6ZE Third Semi-Annual "Not so DX-Pedition"

It was decided at the January 98 breakfast meeting that Larry, K6LDC and Art, KE6WOX will again host the "Semi-Annual Not so DX-pedition." The last event was held by the many of our members and some guests (including K9 DOG) at El Mirage Dry Lake in northeastern Los Angeles County.

According to all who attended, it was extremely rewarding as they had a lot of fun experimenting with all wire antennas in a very noise free, but windy environment, camping out in the desert field day style. "We worked some good DX and ate like kings."

The dates set aside are **May 1st, 2nd and 3rd.** Most will arrive on the evening of the 1st (Friday) or the morning of the 2nd (Saturday).

The location for the May event is not yet selected. Art and Larry will try to announce the location at the February Meeting.

Keep these dates FREE and plan on having a lot of fun, including a campfire. Watch coming editions of the "RF" for more information.



## Field Day Report

The Field day committee has met twice in the last month and has proposed the following for this year's Field Day activity:

KJ6ZH was appointed as Field Day chairman and will attempt to get our usual site at the Tustin Marine Corps Helicopter station. In the event this site is no longer available, he will request a location on the MCAS at El Toro.

The club will operate Class 3A with the following stations:

- A - 20 meters/satellite
- B - 15/40 meters
- C - 10/75 meters
- D - 10 meters Novice/Tech
- E - VHF/UHF\*

\*does not count as a station for 3A

We will simplify station setup by using lightweight beams and pushup masts on 20m, 15m, 10m, and VHF/UHF and light weight masts for wire antennas on 40m and 75m.

Band Captains are KJ6ZH (20m/Sat), AF6C (15m), K6VDP (40m/10m), WA6VKZ (VHF/UHF), WA6PFA (Novice/Tech). We need Captain for 75m.

The Novice/Tech station will timeshare the band with the 10m station which will allow us to work stations using W6ZE and WA6PFA call signs.

WA6PFA will build a light weight 3 element Yagi for 10 meters.

We are recommending that the club sell off the club's 4 towers, 3 rotors, 1 20m beam, 1 15m beam, the 5 el 10m beam and the antenna trailer.

At the March committee meeting, band captains should be prepared to identify equipment requirements and assets.

The field day committee meets immediately following the club breakfast at Coco's Restaurant. All interested parties are welcome.

## 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	WB6IXN
				Simplex	

(Listen for W6ZE, Net Control)

\*Plus or Minus QRM

### General Meeting

February 20th  
March 20th  
April 17th

General Meeting is the third Friday of each month, 7:30 P.M., 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.

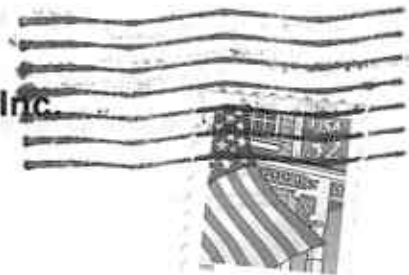
### Board Breakfast

March 7th  
April 4th  
May 2nd

Board Meeting is the first Saturday of each month, 8:00 A.M. COCO's Restaurant ----- Members and Visitors are welcome.  
2585 N. Tustin Ave., Orange, Ca.  
Exit the 55 FWY at Lincoln Ave., West to Tustin Ave., Left on Tustin.  
Restaurant on the East side. (Across from Ford Agency)



Orange County Amateur Radio Club Inc.  
P.O. Box 3454  
Tustin, Ca., 92781



First Class Mail

To:

Your Personal Copy

Time Dated Material  
Please Rush

Bob Evans W6ZE  
701 South Kilson Dr.  
Santa Ana, CA 92701