



RF

F



ORANGE COUNTY AMATEUR RADIO CLUB

P.O. BOX 3454, TUSTIN, CA 92681

VOL. XXXV NO. 10

P.O. BOX 3454, TUSTIN, CA 92682

OCTOBER, 1994

### The Prez Sez By Chris KJ6ZH

The October Meeting will be our annual Club Auction. It is time to look around the shack for items you want to auction and make the club and yourself some money. Old antennas, radios, power supplies, SWR meters and connectors/adapters are always popular and fetch a good price. We will have a donation table if you are willing to part with some item for the good of the club. We already have a couple of items which are old club equipment, a Swan HF radio (power supply needs repair), various speakers, cw keys, code practice equipment and a few other odds and ends. Refreshments will be provided by Jane KC6TAM. So bring your electronic items and your checkbook and have a good time.

The Club Breakfast location is now at the Wildflower restraunt and judging from the comments of members who attended the last breakfast, this place is a hit! Also OCARC will be moving the club meeting place from the Anaheim EOC to the Red Cross Facility on 4th Street by the 55 Freeway effective the January 1995 meeting (same day, same time, different place). This Change was necessitated by the closing of the EOC due to budget cuts. The Anaheim EOC has been a great place to meet and we sincerely thank the City of Anaheim for the use of this facility.

I hope you are enjoying Ham Radio as much as I am. It seems that just about the time I get bored with one aspect of it, something else pops up to peak my interest. Case in point is working the OSCAR satellites. After making my own antennas and wondering if they would really beam my 20 watt signal 24,000 miles up to OSCAR 13 and then to hear my signal return to earth, I was reminded of

I've been a Ham for 15 years and this hobby can still bring the same thrills as when I started. And to think, I still haven't tried SSTV, ATV, FAX, PACSATS, UHF, SHF, EME, Meteor bounce.....

73 and see you at the meeting,

Chris - KJ6ZH  
President

## October Program: Annual Club Auction

RF

Minutes of Board Meeting 10-1-94

Meeting called to order at 0900 by KJ6ZH, Chris.

Roll Call: The following officers were absent: Vice President, N6XTJ; Secretary, AB6KE; Public Relations, N6EDY; Member at Large, WA6RND.

Treasurer's Report:  
Total as of October 1, 1994 \$764.80

Minutes Cont. Page 2





## Old Business:

**Christmas Dinner:** A room has been reserved at Marie Callendar's. Cost is \$13.00 per person. Your choice of Teriyaki Chicken, London Broil or Lasanga. Children to ages 10 can order from the child's menu. The Marie Callendar's is located at the 55 & 1st Street in Tustin. We will need to know how many are planning to attend Christmas Dinner by the November meeting.

**Club Auction:** The rules are to be published in the October RF. There will be a table set up for donated items for the club to sell.

**Meeting Room:** We may want to reevaluate the need to move in February. Everything in the EOC is being moved now the new location on Broadway. KC6OPI reports that Red Cross is available for meetings. Discussion about whether we may need to move or not. Motion to go ahead and move in January made by KC6TAM, seconded. Vote approved to move in January. New location for meeting will be published in December. Secretary to notify Bob Berg about upcoming move and write a thank you letter to Bob Berg for allowing us to meet at Anaheim EOC.

**Peel Off Sticker for QSL cards:** To be Continued.

**Elections:** We have a few volunteers but we need more people. Offices left to fill: President, Vice President and Activities. Let Jane know if you can run for one of the offices.

**QSL Cards:** KD6BWH says are mostly done for the initial set up and turn around time is about 1 week. All that is need is your personal information. AF6C says that W6ZE cards are needed. Motion to spend \$34.00 for 500 club QSL cards made by KC6TAM, seconded by KJ6ZH. Motion carried.

## NEW BUSINESS

**Two Meter Net Move:** WA6LAB asks if the club would like to move the simplex net to the Orange County RACES Machine (146.895). Discussion followed. Newslines seemed to be biggest concern because there is an approximately 54 second timer on the frequency. WA6LAB will check with Walt to see if net can be on the

frequency.

**Recycle Aluminum Cans:** KC6OPI learned about this while back in Georgia. Local amateur club is saving cans to purchase an antenna for the club. Issue will be brought up at the General meeting.

## FOR THE GOOD OF THE CLUB:

**Carriage Event:** KD6XO thanks all who helped at the event this year.

**Yeasu:** Company does on-the-air check of equipment before they sell any newly imported radios.

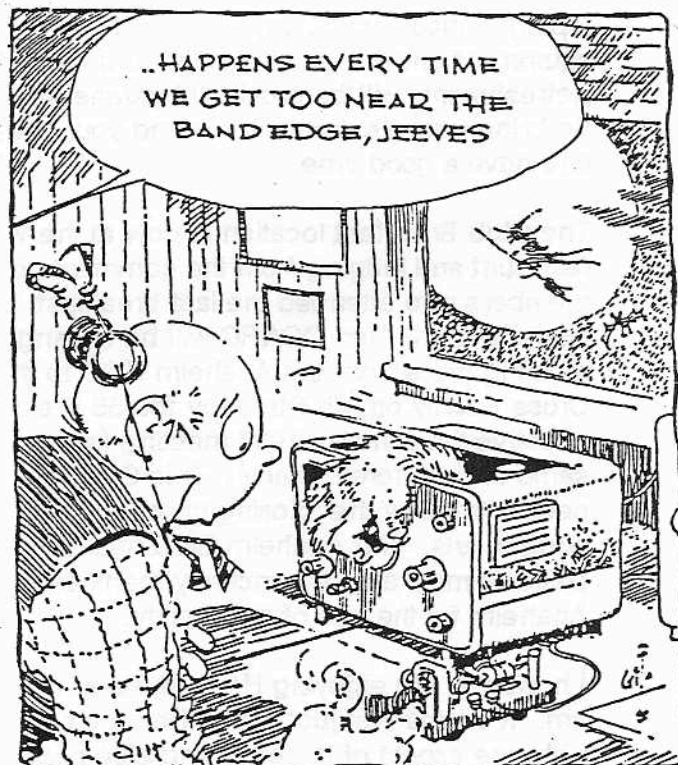
## CHAIRMAN REPORTS:

**Two Meter Raffle:** KC6TAM reports that we are selling raffle tickets for a Kenwood 2-meter handheld.

**Membership:** We have 75 members in the club.

**Tech Committee:** No reports of TVI.

Meeting adjourned at 0934.



November, 1963



**CODE PRACTICE ON  
2 METERS?  
YES, MONDAYS &  
TUESDAYS AT 8:00!**

Gordon West Radio School offers code practice every Monday and Tuesday evening at 8:00 pm on 2 meters. The frequency is 144.330 MHz, simplex. This interactive net will ask for read-backs, too, so it is truly a Morse Code class on the air.

*Monday nights is code for beginners.* Learn the code, and practice at 5 wpm (character rate 15 wpm).

*Tuesday nights is General code practice* from 5 to 13 wpm (character rate 16.5 wpm).

Join Gordon West, WB6NOA, and Bob Greg, AB6CH, for an hour-long MCW class this is punctuated with fun code copy, read-backs from licensed listeners, and tips on how to prepare for that upcoming code test.

The 2 meter simplex signal is heard loud and clear throughout the Southland from the WB6NOA remote high atop the Palos Verdes Hill. Guest code senders are always welcome, and please contact Gordon West Radio School for details on how to access the cross-band input.

Questions? Call 714 549-5000 for additional details, 10:00am - 4:00pm

**Communications During Tropical Storm Alberto**  
Part II *By Cindy, KC6OPI*

Cell phones and pagers were the next big issue to tackle. These modern technocommunications require cell sites that can talk to and/or hear each other to work. Things like hills, valleys, trees, lack of cell sites and distance don't help them talk or hear each other to well. The most common complaint was that the equipment was not functioning because it was broken. This happened very rarely. It was a matter of educating the user as to how to work with the equipment and making sure that the cell phone was programmed correctly. Reports of defective batteries were cured with instructions to make sure that the batteries were charged for a minimum of 14 hours and issuing one freshly charged battery for the dead one. This last step was done only once. To take

*Continued on page 7*

**1994 Board of Directors**

President .....	Chris Breller .....	KJ6ZH ...	310 866-2077
Vice President ....	Jim Roberts .....	N6XTJ ....	
Secretary .....	Carmine Fiorello.	AB6KE .....	837-5133
Treasurer .....	Don Hughes .....	KC6ONZ .....	971-3448
Activities .....	Jane Breller .....	KC6TAM	310 866-2077
Membership .....	Bob Buss .....	KD6BWH .....	534-2995
Public Relations...	Bill Hall .....	N6EDY .....	546-9029
Tech Committee..	Larry Beilin .....	K6VDP .....	557-7217
Member at Large	John Dawson ....	WA6RND .....	633-7469
Member at Large	Ken Konechy ...	W6HHC.....	744-0217

**CLUB APPOINTMENTS**

Club Historian .....	Bob Evans .....	WB6IXN .....	543-9111
W6ZE Trustee ....	Bob Eckweiler ....	AF6C .....	639-5074
RF Editor .....	Cindy Hughes ....	KC6OPI .....	971-3448
Refreshments .....	.....	.....	.....

**DUES**

Regular Member .....	\$12.00	Additional Family Members	\$6.00 each
Teenage Member .....	6.00	Optional Club Badge .....	5.00

Dues for new members are prorated quarterly from January of each year. Family members must reside at the address of a Regular Member. One RF is sent per household.

RF OCTOBER 1994

## AUCTION RULES

The OCARC Annual Auction will take place on October 21, 1994 at the Anaheim EOC on Vermont St. in Anaheim. All buyers and sellers are welcome. The following rules for the auction will be in effect:

1. **Only Ham Radio or electronic equipment / items shall be auctioned.** (i.e. no fishing gear but if your radio is classified as a boat anchor, it is welcome.)
2. **Buyers and sellers must register at the door with the club treasurer.**
3. **Only 3 items from a seller's lot will be auctioned after which the auctioneer will move on to the next lot.** Sellers should number their items in the order they want them auctioned and indicate a minimum bid on the form which will be provided when they register at the door. After the first items of all lots have been offered for bidding, the auctioneer will go back to the first lot, auction the next three items and then move on to the next lot.
4. **Auction bidding will take place as follows:**
  - a. *\$0 - \$5 bidding will take place in \$.50 increments*
  - b. *Over \$5 and up to \$50, bidding will be in \$1 increments*
  - c. *Over \$50 and up to \$100, bidding will be in \$5 increments*
  - d. *Over \$100, bidding will be in \$10 increments*
5. **Payments for items are due by the end of the auction and shall be by cash or check with appropriate ID.** No two party Checks are allowed. **DISBURSEMENTS TO SELLERS WILL BE BY CHECK ONLY.** Sellers will be charged 10% of the selling price for items sold by the OCARC.
6. **A special table will be set up for donated items.** THE PROFITS OF DONATED SALES WILL GO TO THE OCARC AND ARE TAX DEDUCTABLE.

We welcome all buyers and sellers and hope they will have an enjoyable and profitable time.







NET NOTES

By BOB EVANS, WB6IXN

9/1 40m CW net - W6ZE/RND checks in IXN, NG7D, & NT.

IXN is still nursing his diverticulosis, and he tells RND abt a 7.0 EQ 110 miles off the coast of Eureka, CA. this morning. NG7D has 26 states confirmed on the RS-12 satellite. Playing gigs has kept RND too busy to keep pace wid NG7D on the RS-12. John played 8 gigs last week! NT gives sig rpts to all OPs. And NT wants a copy of NG7D's award winning article frm Ham Brew mag. NT is off to din-din, and RND QRTs to warm his now cold dinner in the microwave!

9/7 15m phone net - W6ZE/AF6C checks in NGO & IXN. We discuss the new airport runway on the island of Osaka, JA. Also, Kei batches it as Ida takes a tour back east in the cool Fall WX there! And Kei spends a hot afternoon working on a gate fer the nephew in Anaheim. AF6C's sister will be in fer a visit in a day or two, and IXN and Bob discuss a test panel under load during the Whittier EQ.

9/7 2m phone net - W6ZE/IXN checks in BPX, ZH & TAM, ESD, RE, BWH, VDP, QW, TWA, EMQ, & NG7D. BPX stays in the house during the 90 deg. temps. and watches the backyard burn up! And IXN & BWH watch their gardens slowly dwindle! And EMQ & IXN watch their roses 'give up the ghost' in the heat! RE recommends the Golf Club Restaurant in Mile Square Park, and Kenos in SA, as possible places fer the Club Christmas dinner, fer TAM to check out. EMQ says the GC Restaurant is quite comfortable! W6RE/125 gives out points in the 125th anniversary ARRL Hiram Percy Maxim celebration! TWA, having 35 '125' contacts, garners Alex for his 36th! Who knows?! Charles may end up wid a top score of 125 contacts, making it to the top of the list!! ZH & TAM get the 2m/440 Helix ants. installed over Labor Day, and Chris picks up the new FT-790..Now fer sun satellite DX!! VDP tells IXN abt a Ch 28 special schools program wid new curriculums and teaching techniques!! Larry also finds painting difficult in the heat! QW is still trying to unload

the Big Bear properties as Rolf gets the WAC list down to 13 Counties!! ESD 'dances' over the controls as he finds it difficult to raise NC! "And then there was light", says Bob, as he replaces the old incandescents in the kitchen and garage wid fluorescent tubes! Now ESD will trip the switch (er...I mean... 'the light fantastic') tomorrow night! BWH says Garden Inspector, XQR, hasn't been inspecting lately!...Hm!...Cud it be the sparse garden produce now, Bob? BWH airs an interesting Newsline, too, before jumping over to the NTS wid RE in close pursuit! NG7D races off in the motorized wheelchair last Sat. to all the neighborhood garage sales. Looking fer old radios, John finds a nice zippered tote bag which fits perfectly on the wheelchair! And Ma Gopher, ie: 'Ma Bell', still eyes John's QTH fer possible new holes fer landlines!! And NG7D now has 26 of 29 RS-12 contacts confirmed!

9/8 40m CW net - W6ZE/RND checks in IXN, UVC, NG7D, and NT. UVC finds the QRM too much to handle in Yorba Linda and 73s. RND tells IXN that he just got back frm a Labor Day vacation in Baja on Tues. & being too tired fer the 2m net, John went to bed. NT gets a copy of NG7D's article frm Hambrew Mag. And NG7D gets a circuit board frm FAR Circuits for his TWOFER 3. RND gets a letter frm a No. CA. contest club asking John to operate the CA. QSO Party in Oct. NG7D says IXN's sigs are weak tonite..(gud DX practice, John!)

9/14 15m phone net - W6ZE/AF6C checks in IXN. Kei is off on another trip, and RND's whereabouts is unknown! IXN & Bob discuss recent seismic activity in the CA/Nev. border region, & IXN gives the PSN Bulletin Board landline number to Bob. And AF6C fixes a broken wire in the errant TNC!

9/14 2m phone net - W6ZE/IXN checks in BPX, ZH & TAM, NG7D, RE, QW, EMQ, VDP, BWH, ESD, CGR, & ULU (at net's end)! BPX is glad the WX is cooler. Wyatt sleeps better at nite! Wid the gardens & lawns watered, BPX now concentrates on a small wire fence to keep falling leaves out of the garden! BWH brings OP's attention to the new Club breakfast location listed on the front page of Sept. 'RF'! And Bob airs an interesting Newsline...Seems that ROMEO contacts fer North Korea don't count fer DXCC! ZH tries out the new 'radar guns' & 'death Ray Beams' (ie: the 2m &



*Net Notes cont.*

440 MHz helix ants) on the OSCAR 13 & RS-10 satellites wid success! And Jane announces the Christmas dinner will be held at Marie Callendars in Tustin! Elections! Elections!...We need Club officers!...Call Jane, TAM today!! NG7D can't get the back wall repaired until 'PAC-Tel gophers' decide where they will be digging at the QTH! And John constructs a new '2FER' on the new circuit board frm FAR Circuits..It works fine! And John is 2 cards short of SSB DXCC! RE's XYL gets tendonitis, or arthritis, in the wrist, wid swelling & much pain! 'Pill-pushers' give her a wrist brace and pain-killers & tell her to live wid it!! QW, wid 12 Counties left fer WAC, will spend a weekend wall papering at Big Bear. EMQ busies himself at the school library helping kids get ready fer a school carnival. IXN tunes in late & misses most of a program on various educational teaching techniques & programs! VDP tells IXN that the program is being repeated at various times! And Larry spends times at Frank's (ZW) QTH screwing down squeaking floor boards, and doing sun dry walling. Larry works a little VHF last weekend, has 150 Grid Squares confirmed, & plans to attend the La Mirada H.S. Swap Meet this weekend. ESD is saddened by news that the P5 (ROMEO) N. Korea DXpedition does not count fer DXCC! And IXN asks Bob if the new fluorescents in the kitchen & garage has raised the VHF QRN 'S' units a couple of notches! CGR 'flies in & flies out', and ULU checks in after a test session at the Red Cross. Seems that KMG/MH locked the keys in the car!..OPs stay on board until MH, Dick, gets bk in the auto & is on his way!

9/21 15m phone net - W6ZE/AF6C checks in NGO and IXN. Kei & Ida were away frm the QTH last net. And Kei has been busy getting rid of junk at the Dumps. AF6C spends over 2 hrs in the dentist chair...Seems that Bob had a crown that needed re-working! IXN & AF6C discuss an EQ that took place abt 600 mi. frm us, probably in the Ocean!

9/21 2m phone net - Oh where! Oh where, was ZH & TAM! We had Orv, W6VCW, on board. Orv remembers an I?? who used to live in GG! We think he meant AI, IBR! W6ZE/IXN checks in BPX, QW, PZF, FUZ, RE, BWH, VCW, VDP, and EMQ. BPX enjoys the cooler WX, getting the front yard in shape & the garden protecting fence installed. BWH airs an interesting Newslines. OPs note that Bob's

audio sigs, in the break fer emergency traffic during Newslines, are weak & hve a slight hum on them! All OPs hear Newslines well, and we continue to TNX Bob fer the service!! All work & no ham-play makes QW a 'countyleess' boy this week..The count still stands at 12 needed! And before net, Rolf discusses a closed loop ant. system wid N6SCX. And Rolf has all building problems on the new lot in Spokane solved but the septic tank! PZF takes time out frm work to check in & tell us abt 'The FUZ', Robb, who was at Club meeting last Fri. Wid no shoe laces and terry-tongues hanging out, the FUZ 'flies in & flies out' tonite, not remaining on board long enuf to defend himself! IXN says RE's 'naked ladies' are Calla lillies. But RE says 'No way!' IXN says 'Try Carma lillies then'!...Alex is still in doubt?!! Hm, Alex! Do you have a 'flower brothel' at the QTH?! But that doesn't stop RE frm shouting 'Hallehujah' fer the cooler WX, trimming the berry bushes, & reading us the latest ARRL Bulletins! VDP makes a few extra bucks doing odd jobs last week, and Larry attends the La Mirada Swap Meet last weekend. EMQ & IXN discuss book fairs at local elementary schools. And Victor plays wid the new Kenwood, learning abt all the 'bells & whistles'! VCW 'flies in & flies out'!

9/22 40m CW net- W6ZE/RND checks in IXN & NT. IXN busies himself revamping a computer program on lunar gravity for Ben Parks in Placerville. RND & XYL get a new garage door fer the QTH, and NT's family just pulled into the QTH frm Fresno. Now it's off to chow fer Ray. RND tries to make sum improvement on the QTH yearly, so the SYL will be busy deciding on next year's project!

9/28 15m phone net - W6ZE/AF6C checks in NGO, IXN & VDP. AF6C gets home frm an Apple user's group meeting, has a quick supper, and calls the net fer check-ins! Bob must prepare a presentation at work fer tomorrow, and AF6C wins the battle against the invasion of the QTH by the Ant army! NGO gets a new Yaesu 990-SD, and OPs give Kei a vote of confidence wid the 100% audio improvement! And Kei works 8 hrs. yesterday taking out ivy in the heat & humidity! Wid the XYL working late, VDP has been catching up on the house & lawn work. And Larry has been too busy to do anything wid the 'Ten-Ten' net as yet! And Kei answers all IXN's questions abt the new Yaesu before IXN asks them!

9/28 2m phone net - W6ZE/IXN checks in BPX, VDP, RE, ZH & TAM, QW, EMQ, BWH, & NG7D. IXN asks VDP abt the 'Recycler'. IXN wants to get rid of some bike



*Net Notes cont.*

mcks! BPX gives the leg a rest after much work last week, and, going shopping in the wheel chair wid Blanche! Now Wyatt will hve to water the lawns agn during the hot, humid WX! VDP doesn't mind the firewood frm the Pepper trees, but, Oh My!...those small branches! Now if Larry just had the hamshack cleaned up?!! BWH says, "One day is just like the next", and, Bob can't spray fer ants wid the allergies, so, "Let there be ants"!! BWH airs Newslne. (TNX, Bob!!) RE solves the 'naked lady' inquiry. Ralph tells OPs they are Amarcrinum, a member of the Amarilla family! And Ralph reads an ARRL bulletin that gives OPs an FCC toll-free number, 1-800-322-1117, they can call to request forms, records, amateur radio call sign info., fees, etc. Please call between 8:00 am & 4:30 pm eastern time! ZH reminds all OPs abt the Club Bfast on Sat. at the Wildflower Restaurant on Grand Ave. ZH & TAM joined AMSAT, got their packet, & now fer satellite DX! Jane reminds all to make reservations soon fer the Christmas dinner, and Chris only needs 16 more contacts on 80m to get the 5-band DXCC! QW gets one Big Bear house in escrow, and now it's off to Spokane to the new 30 acre lot to get a septic tank permit and complete other miscellaneous items! EMQ finishes the Book Fair at Jordan Elementary in Orange. The library does well! And TAM, EMQ & XYL will be attending the Christmas dinner! NG7D & family go to Laughlin last Thurs. The Casinos didn't cooperate, so they came home early! Old McDonald (NG7D) Had a Farm, E-I-E-I-O. And on this farm he had Pac-Bell, E-I-E-I-O. Wid a hole, hole here and a hole, hole there, here a hole there a hole, everywhere a hole, hole!... Yes!.. Seems that Pac-Bell is hving quite a time finding their buried landlines in John's neighborhood!... Now you know why we call the QTH 'Gopher Hole'!

9/29 40m CW net - W6ZE/RND checks in IXN & NT. IXN tells OPs that 'Code is a Joke' net is bk on the air on 440 tonite! John & Ray ask IXN to say hello to XQR! (Done, OPs! And XQR may be on freq. nxt week!) We all hear BC music in the background tonite! Ray gives OPs their sig rpts, and NT's record fer the ARRL DX Contest are listed on P. 117 of Oct. QST! RND tries to raise his friend in Comm., but can only hear as far as OK today!

*Disaster Communications cont. from Page 3*

care of the distance, an external mag mount was added to the cell phone. The mag mount only fit the AT&T 3045's that were being used on the job. We also had the Motorola Classic and "Bag Phones" that were used on the job. The Classics were not able to handle the job between Albany and Columbus due to their limited wattage output. The 3045's were adjustable wattage output, and were checked out to workers primarily. The "Bag Phones" were used when we had no 3045's left to check out, and were able to handle the distance, they did not have an external antenna, but this did not interfere with communications over the phone.

Pagers were altogether a different matter. We had local area pagers and wide area pagers. These pagers required asking where the person it was being issued to was going to be located. A pager for the 706 area code was not going to work in Albany, Macon, Bainbridge, Cordele or any other place that the worker was being assigned to. If they were not in the Columbus area, they were issued a wide area pager. They were also given instructions on how to retrieve weird pages, and a map showing them the area of coverage. This usually solved most problems with the pagers. The only other solution was to tell them to stop and call headquarters to see if anyone had paged them. (Quite a trick, as the pay phones are rather scarce between Columbus, Albany and points south.)

Radios were used in headquarters and the warehouses. These were on the national frequency 47.42 MHz. Yes, Motorola does make near 6 meter handhelds. These radios were useful





## CLUB NETS

Band	Mode	Day	Local Time	Freq. mHz	Net Control
15 Meters	SSB	Wed.	8:00pm	21.375 *	AF6C
2 Meters	FM	Wed.	8:30pm	146.550 simplex	WB6IXN
40 Meters	CW	Thurs.	7:30pm	7.135 *	WA6RND

(Listen for W6ZE, Net Control) \* Plus or minus QRM

### GENERAL MEETING

OCTOBER 21  
NOVEMBER 18  
JANUARY 20

GENERAL MEETING IS THE 3<sup>RD</sup> FRIDAY OF EACH MONTH AT 7:30 PM.  
ANAHEIM EMERGENCY OPERATIONS CENTER  
909 E. Vermont, Anaheim, CA Talk in Freq. 146.550 simp  
West of 2<sup>nd</sup> set of railroad tracks.  
A big antenna is in front of building with a red light on top.  
Major Streets: Vermont & Anaheim Blvd.

### BOARD BREAKFAST

NOVEMBER 5  
DECEMBER 3  
JANUARY 7

BOARD MEETING IS THE 1<sup>ST</sup> SATURDAY OF EACH MONTH AT 8:00 AM.  
*The Wildflower Restaurant* – Members & Visitors are welcome.  
Grand Ave., Santa Ana, CA (Please note NEW location)  
Exit the 55 at 17th Street, go west, or exit the 5 freeway at 17<sup>th</sup> Street,  
go east to Grand, go North on Grand; or exit the 22 freeway at Grand  
Avenue, go south.

ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
P.O. Box 3454  
TUSTIN, CA 92681



First Class Mail



Time-Dated Material.  
Please Rush!