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ORANGE COUNTY AMATEUR RADIO CLUB

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VOLUME XXXVIII NO. 12 P.O. BOX 3454, TUSTIN, CA. 92681 DEC. 1997

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### Prez Sez

Thanks to those that attended the Christmas party at the Country Harvest in Orange on December 13th. The 13th turned out to be an unlucky day for the management at the Country Harvest as the room that we had reserved turned out to be double booked. In order to keep the peace and feed the people the management decided to let our group eat for free in a corner of the main dining room as compared to seating us in the closed off room as planned.

All in all it worked out OK due to a couple of long tables that seated the majority of the group and a couple booths kept us in one neat package. I am sure that nobody left hungry. After the last trips to the food bar there was a chance to present the "Good of the Club Award" to Chris Breller for the efforts during the year and especially for his part in organizing the Wouff Hong this year. Then came the changing of the guard with Frank receiving a plaque and gavel and a year off.

We have lost our breakfast spot and are open for suggestions. If you know of a restaurant with a room for us to have our Board Breakfast each month please let us know. In the mean time I suggest listening to the net each week for an update.

73, de kd6bwh Bob

### !!!!~JUST INTO THE NEWSROOM

A Location has been found to hold the monthly breakfast  
(Board Meeting)

Location: COCO'S RESTAURANT  
2585 N. TUSTIN  
ORANGE, CA.  
714-998-0141

South of Lincoln on Tustin Ave (East side)  
Use the 55 frwy off on Lincoln(west) turn left  
At Tustin (that is if you are going North on the fwy)

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

## 1997 Board of Directors

President.....	Frank Smith	WA6VKZ	838-3180
Vice President.....	Art Sheldon	AD6B	997-3735
Secretary.....	Jim Winn	KE6UCH	731-2732
Treasurer.....	Ken Konechy	W6HHC	744-0217
Activities.....	Art Dillon	KE6WOX	997-2078
Membership.....	Bob Buss	KD6BWH	534-2995
Public Relations.....	Larry Beilin	K6VDP	557-7217
Tech Committee.....	Larry Hoffman	K6LDC	636-4345
Member at Large.....	Bob Eckweiler	AF6C	639-5074
Member at Large.....	Bob Tegel	KD6XO	531-0926

## CLUB APPOINTMENTS

Club Historian.....	Bob Evans	WB6IXN	543-9111
W6ZE Trustee.....	Bob Eckweiler	AF6C	639-5074
RF Editor.....	Bud Barkhurst	WA6VPP	774-6361
Refreshments			

## 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.



Minutes of the General Meeting 11-21-97

Meeting was called to order by Pres.WA6VKZ at 7.30pm at the Orange County Red Cross Center. Board member absent was Bob KD6XO. VFC made a motion to accept the Nov.board meeting minutes as presented and WOX seconded. Tom WA6PFA presented the slate for the new board of directors and the floor was opened for nominations. Art KE6WOX made a motion the slate be accepted as read and Paul WD6FMX seconded. The new officers are:

Pres. Bob Buss KD6BWH  
V Pres. Larry Hoffman K6LDC  
Sec.. Jim Winn KE6UCH  
Treasurer. Phil Anderson N7PA  
Activities. Steve Rasmussen KE6NAH  
Membership. John Dawson WA6RND  
Publicity Ken Konechy W6HHC  
Technical. Larry Beilin K6VDP  
Member at Large. Frank Smith WA6VKZ  
Member at Large. Art Sheldon AD6B

New Business: The insurance bill for \$327. was presented and VKZ directed it be paid. VKZ suggested the club establish a position for publisher and will be discussed at the next business meeting. The new audit committee that will present a financial report in Jan.98 are: Bob AF6C, Phil N7PA and Chris KJ6ZH.

OLD Business: Chris KJ6ZH mentioned the tarps on the trailer need attention. Bud VPP stated that the City of Anaheim will store the trailer near the helicopter pad and a letter needs to be sent to the director of emergency services. The Sec. was directed to do that. KJ6ZH,LDC,VPP and VDP will be on the Ad-Hoc trailer committee.

Activities: Wox reported on the club picnic that was not well attended but was enjoyable

Good of the Club: No comments

Membership: Bob reports 57 members

Treasurer: No report

Technical: No report

The program for the evening was a Open Forum conducted by Bob AF6C and was enjoyed by all. AF6C motioned the meeting be adjourned at 9:15pm and KJ6ZH seconded.

Respectfully submitted  
Jim Winn,KE6UCH Secretary



## Board Meeting of Nov. 1st 97

Meeting was called to order at 8:20 am at the Wildflower restaurant. All board members were present except KD6XO.

**Old Business:** Tom PFA reported we are back to square one on a storage place for the club trailer. The water dept which owned the fire station property said no to our request. VKZ stated that we will now ask the City of Tustin. Chris KJ6ZH reported that the club auction made \$912.00 in sales and made a profit of \$119.64. QST magazine published the club as being 2nd in Orange County and 7th or 8th overall for field day. Tom PFA stated that the nominating committee still has calls to make. Tom also remarked that Jim KE6UCH would run as secretary being as he was appointed for the last term. Chris KJ6ZH said that we have received our distribution from the ARRL for the amount of \$895.00. Larry K6LDC and Art KE6WOX reported on the "Not so DX-pedition and Survival Test" and suggested that more time in tuning up before field day will be necessary if we are to use more wire antennas. Art WOX gave final comments on the club picnic.

**New Business:** Bob AF6C discussed changes to the "Good of the club award" honoring Kei and said he would sketch something out.

**Good of the Club:** Larry K6LDC reminded the club that VE exams are going to be given in Cypress on Nov. 8th. The next antenna trip will be tentatively scheduled for the last weekend in April 1998.

**Treasurer:** Ken W6HHC reported we have \$1891.57 in the treasury.

**Membership:** Bob KD6BWH says we have 56 members.

**Ad-Hoc Committee:** Larry K6LDC stated that we need to schedule a meeting for next year regarding marketing the club.

Motion to adjourn was made by K6LDC and the second was made by KE6WOX.

Respectfully submitted  
Jim Winn KE6UCH, Secretary

And while you're singing Auld Lang Syne to your friends and neighbors, take a break and check out the New Year special-event stations in Fullerton, California (W6ULI), and Rockford, Illinois (W9AXD). You'll find details on all Holiday Season operations in "Special Events."

NETNEWS  
by WB6IXN

11/5 10m Phone Net - W6ZE/AF6C checks in RND, FMX, WOX, IXN, HHC, NAH, RE, and BWH. RND enjoys the 'Lewis & Clark' program on TV, goes to the Club Bfast last Sat., plus works Sat. scheds., then more sweepstakes! FMX came frm Ohio to warm up, and like IXN, Paul enjoys the warm WX! And Paul tells OPs that Scientific American has a special issue devoted to the development of electronics! IXN erects a temporary inverted V to work 10m, and Bob discusses tiltmeters and an Open Forum fer next Club meeting wid ZE. WOX, hearing all OPs, discusses Lewis & Clark wid RND, gives ZE a report on leftover food frm the Club picnic, and cleans up a tuner! AF6C & FMX both like their 440 rigs, and HHC tells Bob that his sigs are dwn a mite at the QTH tonite. RND, AF6C, & HHC discuss Clyde Cutler's books, wid RND finding his latest edition a 'lil uninteresting. And HHC enjoys the Club picnic, including the shade that protected Ken frm the heat & sun! NAH, on the Supersystem, tells OPs that BWH will join us. And Steve prepares fer a weekend in Santa Barbara to check out a future job. ZE has weak sigs frm BWH, but IXN hears Bob abt S2 at the QTH, BWH telling OPs that he re-oriented his 10m dipole to the East side of the QTH. RE cudn't copy BWH, and Alex says RF propogation hasn't been gud. And RE tells OPs that Gate 4 fer vanity callsigns opens Dec. 2. Then Alex gives a freq. of 145.82 if you want to listen fer Russia's new Sputnik beeps!

11/5 2m Phone Net - W6ZE/IXN checks in RE, VFC, VDP, UCH, KFW, BWH, ZH, and UBK. RE cleans up the shack, giving 'treasures' to VDP! RE repeats the Gate 4 opening of Dec. 2 fer vanity callsigns fer Novices, Techs, and Tech Plus OPs. fer a \$50 tab! Alex gives the propogation report & sunspot numbers. VFC does 'as 'lil as possible' in the heat, and says that 6m & 10m has been in & out all week. VDP tells OPs that a clogged radiator caused his heating problem in the truck...Feel the radiator fer cool spots when the engine is hot to determine if the radiator is clogged says VDP. VDP gives WOX Alex's 2m quad, and Larry tnx Alex fer the goodies RE gave him. Now VDP will join LDC fer some VEing come Sat. VKZ is in Brawley, but we didn't hear Frank if he tried to check in on 10m! UCH finally got a Wed. eve. free to check in to Net. And Jim plans a weekend of 2m work in the Borrego Desert. KFW's daughter enjoyed her visit, from the snow & near 30 WX in Denver, last week. And Chris did sum work on the beam, too. BWH airs Newsline #1055, wid interesting upcoming DX frm Kiribati, etc. And Bob & IXN discuss Bob's 10m dipole orientation. Maybe ZH can interest '01 St. Nick in climbing to the roof top to repair his wind-damaged helix ants. fer satellite operation! TAM had a short visit to the hosp. fer a dehydration treatment, and ZH continues his computer and radio adventures. UBK joins OPs at Net's end after just finishing a proper ant. hookup. IXN tells Del abt election & plans fer a Forum on ham topics fer next Club meeting. IXN also announced the forum during Net to all OPs!

11/12 10m Phone Net - RND assumes NC until VDP comes on board, then Larry assumes acting NC, checking in RND, WOX, HHC, RE, TWA, and VFC.



RE and VDP exchange 10-10 numbers, and Larry has 500+ numbers worked! WOX joins the Net after some `R&R' and discusses the IOTA Is. Group wid OPs. AF6C must be out of town...Not a peep frm Bob! RND works the FM Sweepstakes over the weekend and sends in his results fer a pin. HHC is vy weak at most QTHs, wid sigs in the QRN! RE tells HHC that he & the XYL had bratwurst her din-din! TWA & VFC come onboard after IXN stops eaves dropping in preparation fer the 2m Net.

11/12 2m Phone Net - W6ZE/IXN checks in VFC, VDP, RE, KFW, TWA, WOX, UBK, FUZ and BWH. Rain slows VFC's progress some, and, `when you snooze, you lose' says Dennis as he misses a 6m opening last Sun.! VDP says 10m was open a bit today, and Larry worked Maine. And Larry hears a KP2 in the Virgin Is. on 20m. RE & IXN's bermuda grass is growing in the rain. And RE invites any interested OPs to help wid the `Scouting fer Food' program to collect food fer the needy over the holidays, and sponsored by BS of A. Paul, N6JII, at landline 638-3309, is heading up the ham communications, and he needs our help. KFW says his 3 element tribander, 30ft up, is frozen and in need of repair. Chris is using an inverted V fer 20m. IXN is nursing a Champion tomato plant over the winter, while TWA nurses a Brandywine tomato plant. Charles & XYL `lightened their purses' on a recent trip top Laughlin, and TWA measured 1/4" of rain on our 1st storm. IXN turns on the furnace on Veteran's Day, but WOX is still a furnace holdout! And Art says the XYL promises a surprising BD party fer the harmonic! Art will be off to the DeVry Swapmeet come Sat. Water enters UBK's auto thru a window leak, but Del enjoys the rain. FUZ enjoys working Packet and APRS, and Rob escapes any leaking at the QTH during the last rains.

11/19 10m Phone Net - W6ZE/AF6C checks in WOX, RND, IXN, BWH, and RE. AF6C misses last week's Net, being engaged at the airport. And Bob says he had a dip in power abt 6:30 pm! RND joins the new CW Club called FISTS...Now John needs to work 100 FIST OPs to get his Century award. And Fri., John will get a new furnace wid programmable controller no less! WOX is dwn in the QRN at Net's beginning at IXN's QTH, but Art improves near Net's end, discussing filters and crystals wid AF6C, and telling OPs that the DeVry Swap Meet is closing down! IXN tnx AF6C fer the Caltech weekly EQ bulletins. And BWH, mobile, and working us over the Supersystem, spent time wid the Red Cross last eve. RE has the furnace repaired fer the winter, doctors the XYL fer upset stomach, and reports a sunspot high of 61, and a low of 26 frm 11/6-12.

11/19 2m Phone Net - W6ZE/IXN checks in PZF, RE, VDP, VFC, BWH, TWA, ZH, UBK, KD6JBL, and KD6YPX. PZF enjoyed the trip bk to Arkansas wid VFC, and plans to attend Fri. eve. Club meeting. And RE suggests we give a 10-10 update during the open forum session at meeting. BWH airs Newsline #1057, and Bob tells OPs that we renewed our 10-10 number 18000, on Dec. 31, 1996. BWH says a new omni ant. is being considered fer the Supersystem. VDP & RE visited the 10-10 Net last Thur., and VFC works NC & OH on the 10:09 6m opening Mon. And Dennis uses the 18:00 Leonid meteor opening yesterday at 18:00 to work CO & AZ. Now VFC is off to AZ wid an elk-hunting friend, after hving worked OR on 6m QRP using 250 mw. TWA & all OPs hve slight rain outside their

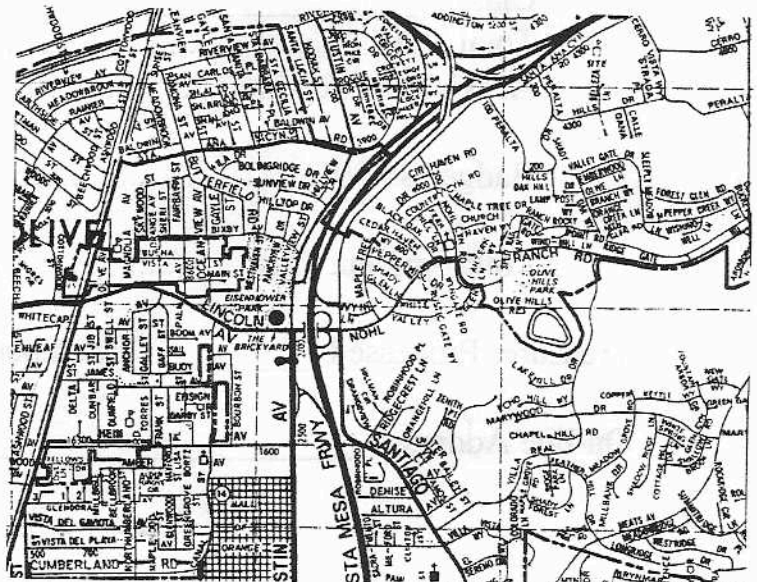


QTHs. And Charles works a DS5 in S. Korea. ZH chases a 'lil DX, and Chris tells OPs that TAM has gained sum weight...Right on, Jane!! UBK & XYL are biding time awaiting the baby arrival! KD6YPX, Lefty, 'flies in & flies out'. And KD6JBL, Jerry, a partially retired SCE employee, has a 5 element quad up abt 25 ft. And JBL listens to the rain playing a tune in a QTH downspout.

11/26 10m Phone Net - W6ZE/AF6C checks in RND & WOX. OPs are busy getting ready fer 'turkey day', and probably can't get away frm the XYL long enuf fer a quick check-in!...Hi!

11/26 2m Phone Net - W6ZE/IXN checks in AF6C, OPI, RE, VDP, BWH/m, TWA, KF6KHA, LDC, UCH & KFW. OPI says FZE is now an Eagle Scout, and OPs congrats. Pat on his accomplishment!...Now fer the Court of Honor in Jan. or Feb. And Cindy is working fer an inventory service. IXN tokk his rig to Yaesu in Cerritos fer servicing. And RE tells KHA the Christmas dinner will take the place of a regular meeting in Dec. Alex is unsuccessful working 10-10 numbers fer a couple of days, and RE tells OPs that WARC 97 has finished its work wid no changes in amateur radio! And 'Lake Alexander' overflows in the backyard, sending a gusher of water thru RE's garage! Keeping wid tradition, VDP and family will celebrate Tksgiving at mom's house in Newport Beach. Larry finishes work on his 500+ 10-10 numbers, and now fer that pin! And VDP tnx RE fer the vy handy card file. WOX is already preparing fer tomorrow wid a son & daughter doing the cooking, and another daughter bringing the turkey. Meantime, Art works sum QRP wid a Heathkit #8 kit wid 2W out, and WOX works and OP in Japan on 15m today. AF6C looks fer a catalogue that contains a rain guage, and BWH measures .8 in. of rain frm the rain squall that passed thru the area this morning! Bob airs Newsline...Will the Dayton Hamvention move away frm Dayton, OH, after 1998? KHA & XYL will spend a quiet tksgiving together, and Ed is an RVer who loves to travel, wid the state of Fla. on his future travel list. LDC joins us tonite after his class is cut short...Seems all the YLs are cooking fer Tksgiving! And Larry gives WOX Yaesu's location & phone #, tells KHA abt RVing in Fla., and plans TG dinner wid friends in San Diego, wid sum planned fishing on the side! UCH gets home frm work and a flooded out shop. Jim's mother & a harmonic will spend TG wid UCH & fam. at the QTH. TWA 'flies in & flies out'. And KFW asks AF6C abt NGO's cantenna dummy load. And Chris will dine on TG wid his daughter in Yorba Linda.

See you at the Breakfast  
Bring a Friend.  
(Directions on Front Page)



Orange County Amateur Radio Club  
PO Box 3454  
Tustin, CA 92781  
1998 Application / Renewal

Date: \_\_\_\_\_

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Class:   Novice    Tech    Tech Plus    General    Advanced    Extra

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ OK to Publish in Roster?   Yes   No

Are you an ARRL Member?   Yes   No

Dues: (Prorated Quarterly from January for New Members only)

Member (\$15.00/ YR. .... \$ \_\_\_\_\_

Family Member (\$7.50/YR. .... \$ \_\_\_\_\_

Name: \_\_\_\_\_

Call: \_\_\_\_\_

Class: \_\_\_\_\_

Family Member (\$7.50/YR. .... \$ \_\_\_\_\_

Name: \_\_\_\_\_

Call: \_\_\_\_\_

Class: \_\_\_\_\_

Family Member (\$7.50/YR. .... \$ \_\_\_\_\_

Name: \_\_\_\_\_

Call: \_\_\_\_\_

Class: \_\_\_\_\_

Total Dues: ..... \$ \_\_\_\_\_

ARRL Membership ..... \$ \_\_\_\_\_

Badge (\$5.00) ..... \$ \_\_\_\_\_

Total Amount Paid ..... \$ \_\_\_\_\_

Treasurer Processed \_\_\_\_\_ Membership Processed \_\_\_\_\_

On-line Address: \_\_\_\_\_



## ARLB070: FCC issues RF safety Supplement B to OET Bulletin 65

SB QST @ ARL \$ARLB070  
ARLB070 FCC issues RF safety Supplement B to OET Bulletin 65

ZCZC AG70  
QST de WIAW  
ARRL Bulletin 70 ARLB070  
From ARRL Headquarters  
Newington CT November 19, 1997  
To all radio amateurs

SB QST ARL ARLB070  
ARLB070 FCC issues RF safety Supplement B to OET Bulletin 65

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that go into effect January 1, 1998. The FCC's Office of Engineering and Technology issued the long-anticipated Amateur Radio Supplement B on November 18. The FCC worked closely with the Amateur Radio community to develop the new supplement. Several ARRL Headquarters staff members and Technical Advisors reviewed preliminary drafts of the supplement. ARRL Lab Supervisor Ed Hare, W1RFI, has been the League's point man for RF safety and exposure issues.

Supplement B, subtitled Additional Information for Amateur Radio Stations, contains detailed information specific to ham radio stations. It is designed to be used in conjunction with the FCC's OET Bulletin 65 (Version 97-01), Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields. The revised Bulletin 65 was issued earlier this year. Supplement B covers definitions of RF radiation and discusses the FCC exposure guidelines and their applications, methods of predicting human exposure, estimating compliance distances, and controlling exposure to RF fields.

The supplement runs approximately 70 pages. Among its noteworthy highlights are numerous easy-to-use tables based on various frequencies, power levels and antenna configurations to help hams determine whether their stations comply with the FCC's published RF exposure guidelines. Most tables show compliance distance--the distance that an antenna needs to be located from areas of exposure to be in compliance. (For a closer look, see "FCC RF-Exposure Regulations--the Station Evaluation," by Ed Hare, W1RFI, which will appear in the January issue of QST.)

The new RF exposure rules go into effect January 1, 1998 for all new stations and for those filing a Form 610 with the FCC after that date. Existing stations have until September 1, 2000 to comply with the new rules. But, existing stations making changes that could affect RF exposure from their station--such as increasing power or relocating antennas--must evaluate that change if done after January 1, 1998.

As first announced, the FCC set a power threshold of 50 W to trigger the need to do a station evaluation. In late August, the FCC revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation. Those changes were welcome news for most hams. The newest guidelines raised its original 50-W threshold on all bands except 10 meters through 2 meters, where it remains at 50 W.

The FCC went along in part with an ARRL request and established a sliding scale for threshold levels dependent upon frequency. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (the maximum legal power is 200 W), 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The



threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and higher frequencies.

The threshold for amateur repeaters is 500 W effective radiated power (ERP) if the repeater antenna is located on a building or is less than 10 meters above ground.

Stations operating at or below these respective power levels are categorically excluded from having to conduct a routine RF radiation evaluation. Mobile and portable (hand-held) devices using push-to-talk operation generally are also exempt from evaluation. But, all stations--regardless of power level--still must comply with the RF exposure limits that become effective New Year's Day.

OET Bulletin 65 and the new Supplement B are available at <http://www.fcc.gov/oet/info/documents/bulletins/#65>. Copies are available from International Transcription Service Inc, 1231 20th St NW, Washington, DC 20036; tel 202-857-3800; fax 202-857-3805.

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### ARRL 10-Meter Contest.

*20-21*

**Croatian CW Contest**, sponsored by Hrvatski Radioamaterski Savez, 1400 UTC Dec 20 to 1400 UTC Dec 21. CW only. Categories, single operator, multioperator and SWL. Exchange is RST + ITU zone. Points, 10 pts with contacts with 9A stations on 1.8/3.5/7MHz, 6 points on 14/21/28MHz, 6 points with other continent on 1.8/3.5/7MHz, 3 points on 14/21/28MHz, 2 points with own continent on 1.8/3.5/7MHz, 1 point on 14/21/28MHz. Multipliers, DXCC countries plus WAE list on each band 1 point. Final score sum of QSO points from all bands multiplied with sum of multipliers from all bands. Certificates will be awarded. Mail logs within 30 days to Hrvatski Radioamaterski Savez, Croatian CW Contest, Dalmatinska 12, 10000 Zagreb, Croatia.

*27-28*

**Stew Perry Topband Distance Challenge**, 1500Z Dec 27 until 1500Z Dec 28. 160 meters, CW only. Single operator, multioperator, single transmitter. Exchange grid square, RST (optional). QSO points equal the distance between contacts in km. Count additional point for every 500 km QSO. Final score is QSO points × power multiplier (>100 W, ×1; <100 W, ×2; <5 W, ×4). Awards. Send log by Jan 28 to Boring ARC, 15125 SE Bartell Rd, Boring, OR 97009.

**RAC Winter Contest**, sponsored by Radio Amateurs of Canada, 0000-2400Z Dec 28. CW and phone. Work stations once per band and mode. QSOs must be made in their respective subbands. No repeater QSOs. Single operator, Single operator QRP (maximum 5 W output) all band or single band; single operator, all band low power (100 W); multioperator. Send RS(T) and serial no. (VE stations exchange RS(T) and Province or Territory). CW – 25 kHz up from the band edges; phone -- 1.850 3.775 14.175 21.250 28.500. Score 2 pts/QSO outside VE; 10 pts/QSO with VE; and 10 pts/QSO with RAC official stations using "RAC" suffix (ie, VE2RAC, VE6RAC, VY2RAC, etc). Multipliers are Canadian provinces and territories (maximum 12) per mode per band. Final score is QSO pts × multipliers. Awards. Send logs by Jan 31 to RAC Contest Committee, 720 Belfast Rd, #217, Ottawa ON K1G 0Z5, Canada. See the Winter Contest site at <http://www.rac.ca/CANWIN.htm>.



November 29, 1997

Orange County ARC  
Ken Konechi W6HHC, Secy.  
340 S. Craig Drive  
Orange, CA 92669,



Dear Friends at the Orange County ARC:

You've probably read in CQ and QST about the DXpeditions to Easter Island XRØY (1995) and Heard Island VKØIR (1997). Did you know that here are two full-length books about the DXpeditions:

**DX-Aku: Messages from the Easter Island Expedition**, by KK6EK. 366 pages, paperback.

The complete story of the expedition that created a whole new standard of high-technology amateur radio communication, and forever changed DXing. Here is the story of how the internet log server, expedition web pages, next-day QSLs, e-QSLs, and QSL barcodes were invented and first used. The DX-Aku is a spirit that enables communication over long distances. In this book you will learn how you can get a DX-Aku of your own, and about the mysterious messages from Easter Island. The entire technical details of the operation, the statistics of the radio operations, and description the last unexplored region of the island are presented. Bill Kennamer said the DXpedition brought a whole new dimension to DXing. Chod Harris said this was the "best ham radio book ever written."

**VKØIR: The 1997 Heard Island Expedition**, by KK6EK. 216 pages, hard cover, full color throughout.

The expedition that exceeded every prediction and broke all the records. With a record \$320K budget, a team of 20 men from 9 countries shipped 35 tons of gear and helicoptered it all on the island that is perhaps the most difficult site for a DXpedition in the world. When it was all over, the expedition had logged 80,673 QSOs with 27,500 different stations, at the very bottom of the sunspot cycle. And...almost everyone was happy! KK6T described it this way: "This has without a doubt been a defining moment...What made the difference was seeing the ham community becoming a single entity again." NØAX said: "This operation will be remembered as a pinnacle of achievement for the whole DX community." And GW4FRX said: "This has been simply the finest DXpedition of all time."

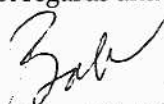
We have a few copies left of these great books. We'd like to get these out to those who may have missed them earlier. As a holiday special, we'll take **\$10 off the regular price of \$25**. That makes it only \$15 (plus postage) per copy. But we suggest you don't delay; eventually we'll run out, and that will be it. Enclosed are a few "coupons" for this special. Could you please distribute these among the hams you know (do it quickly, Scotty!), so they can order the books before the holidays?

We also have the great **videos from XRØY and VKØIR**. \$25 each. We'll knock \$10 off those, too. If you order the videos, be sure to tell us which ones you want.

**Please add postage: \$3 for the first item and \$1 for each additional item. Please make check out to "Cordell Expeditions." The address for ordering is on the coupons.**

I wish you the best of the holiday season, and especially Good DXing!

Best regards and 73,

  
Dr./Robert W. Schmieder KK6EK

Order from:  
Dennis Motschenbacher K7BV  
4357 Appollonio Way  
Carson City, Nevada 89704  
k7bv@aol.com

# 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

Jan 16th  
Feb 20th  
Mar 20th

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

Jan 3rd  
Feb 7th  
Mar 7th

Board Meeting is the first Saturday of each month at 8:00 AM  
The Wildflower Restaurant  
2525 N. Tustin Ave. Tustin, CA

**This restaurant will be closed January 2nd and till further notice.**  
See alternate meeting place elsewhere in this newsletter.



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**