



ORANGE COUNTY AMATEUR RADIO CLUB

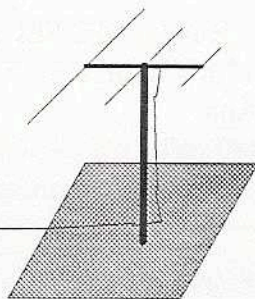
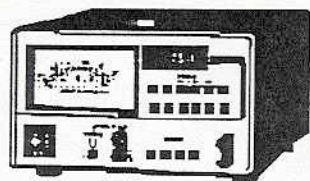
VOL. XXXII NO. 3

P.O. BOX 3454, TUSTIN, CA 92681

MARCH, 1991

Friday, March 15th
7:30 PM
is the next meeting!

Our Speaker:



**BILL WETZEL,
N6RKY...**

On Packet...

On Packet BBS...

**and
Current Decisions
related to
FORWARDING
OF MESSAGES...**

**Beginner's 10 meter Net
by Bob Gregg, KC6KDL**

If you are new to amateur radio, there is a net just for you!

Every Wednesday night at 8:00 PM, the "beginner net" meets on 28.333 MHz. The purpose of the net is to encourage newcomers to become active, and to provide answers to technical questions. Along with myself as net control will be Gordon West WB6NOA, and David Corsiglia, WA6TWF, to help with answers to your technical questions, and help with code practice and upgrade information. Net control will operate through the WA6TWF remote base system, which provides coverage throughout the L.A. basin. So tune in, and we'll see you there.

Tnx, de KC6KDL

Editor's Note: The day and/or time of this net will be changing to avoid conflict with the OCARC's nets.

**Xtra Quiet Radio
by Nancy Bucher, N6XQR**

I have three more issues of the RF to put together with the news, plans and excitement of the Orange County Amateur Radio Club's FIELD DAY entry. What will be your contribution? It's time to consider to what extent you wish to help and in what way you will support the ACTIVE functioning of this club.

Any of you who hold Novice or Tech licenses who wish to be the Novice/Tech station for Field Day? Do you want to be a station captain? What hours can you come and operate? What about helping with set up and tear down? Let's hear from you!

There are a variety of ways to use the OCARC to promote the hobby of Amateur Radio in your life and your community. Please involve yourself in at least one aspect of the Club... and let me know if your contribution includes articles or suggestions for articles for the RF.

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APRIL MEETING WILL PROBABLY BE AT A NEW LOCATION!

See the April RF for details...

FIELD DAY Planning is starting... Time to get involved!

The Prez Sez.....

by Ken Konechy, W6HHC

A lot of activity has gone into searching for a new permanent meeting location for the ORANGE COUNTY AMATEUR RADIO CLUB. As you may know, the people at SECURITY PACIFIC BANK have informed us that they will be turning our meeting place into additional office space, starting in June. Other radio clubs have also been affected. I attended a meeting of O.C.C.A.R.O. (that's the organization of Radio Clubs in Orange County) and found out that at least two other radio clubs had held their meetings in various branches of the old MERCURY S&L before SECURITY PACIFIC bought them out.

I certainly want to thank the efforts of BOB/KC6KDL, PHIL/KK6QE, and DAVE/WA6TWF for their efforts to locate and sort out suitable meeting locations for our club. The last list I reviewed contained 24 locations that had been contacted or were on the "HIT" list. At the OCARC Board Meeting in March, the board trimmed the list down to the top three:

* REPUBLIC FEDERAL S&L on 17th STREET and 55 FWY in Santa Ana
(80 seats/ 150 capacity - \$50/ mtg or \$20,000 in membership accounts)

* ANAHEIM CITY EMERGENCY COMMUNICATIONS CENTER
(100 seats - NO FEE)

* KNIGHTS OF COLUMBUS BUILDING at 130 Main St in TUSTIN
(75 capacity - \$100/year)

The board tentatively selected the REPUBLIC FEDERAL location as its choice (primarily because of its easy access by the majority of OCARC members) subject to a favorable review of REPUBLIC FEDERAL'S financial stability.

REPUBLIC FEDERAL normally charges \$50 per meeting for use of their meeting room. However this fee is waived if the club membership has a total aggregate of \$20,000 in accounts (savings, IRA's, CD's, etc.) at this branch office.

Would you please contact me if you already have an account there, or would be willing to move some of your money there. (Only ten members are needed if each would move \$2,000 to REPUBLIC). TOM/PFA has already offered to cover more than half of that amount, so the club only needs a few more volunteers keep costs down.

If everything goes well, we will have a membership vote at the March meeting and currently plan to hold the APRIL meeting at the new meeting site.

1991 CLUB BOARD of DIRECTORS

President	Ken Konechy	W6HHC	541-6249
Vice President	Mike Abreu	K6KAA	832-8503
Secretary	Bruce Creager	KC6DLA	538-8259
Treasurer	Bill Freyfogle	N6VMS	964-9336
Activities	Tom Thomas	WA6PFA	771-2917
Membership	Bob Eckweiler	AF6C	639-5074
Public Relations	John Meacham	KJ6TK	842-4702
T.V.I. Chairman	Larry Beilin	K6VDP	557-7217
Member at Large	Frank Smith	WA6VKZ	454-2635
Member at Large	Chris Breller	KJ6ZH ..	(213) 866-2077

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
RF Editor	Nancy Bucher	N6XQR	537-8728
RF Printer	Jerry Dahlin	AA6BU	
Refreshments	Cindy Hughes	KC6OPI	

DUES

Regular Member	\$12.00	Additional Family Members	6.00 each
Teenage Members (under 20) ..	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.

**Have you paid your dues
for this year yet?**

On the Nets - February, 1991

by Bob Evans, WB6IXN

1/31 15m CW net - IXN arrives late and eavesdrops on NG7D, VMS, & RND, in a CW go-around. VMS worries abt his brother going to Saudi Arabia in 2 weeks, and RND nurses a sore throat. NG7D warns RND abt strep infection & pneumonia. Net closes in time fer VMS to watch the Lakers!

2/6 15m phone net - Informal..NG7D & VMS (relaying) talk wid ZL1BMK, Richard, in New Zealand!

2/6 2m phone net - W6ZE/IXN checks in BPX, KAA, ZH, NG7D, RE, VDP, VMS, RND, ZAU, XBJ, & NTX. No rain, a mending toe, & a 3 mo. physical keep Wyatt watering & doctoring! KAA weekends at the rental property in Bakersfield only to find the former occupants' 'dinner in a mousetrap' dehydrated on the top of the stove! Jane awaits her ticket as she & ZH plan an outing wid the CLARA Campers. And NG7D's mom is doing FB after spinal surgery. John warns OPs that 'F' stamps are not valid outside the U.S.!! RE fertilizes the lawn. helps R.C. collect 130 units of blood at Baxter Labs, & informs OPs abt new amateur radio tape 'More Than Radios' frm ARRL Bull.#9. ESD calls Larry abt 'Turkey on 10m', & VDP works TA3F fer his 1st Turkey contact! VMS worries abt his brother going to Saudi Arabia as he ponders QSL cards frm 3D2AM, 8Q7BX, 9M6OO, & V85OM. RND completes CPR course last Sat., & gets better RTTY copy wid the new AEA program, & gets new coax ant. lead fer the mobile rig. ZAU contemplates a move to the Tustin or Costa Mesa area, as he brings up the code speed fer a General class license. XBJ, Steve, 'flies in, says hello to KAA, & flies away'. NTX is pleased wid the new Cushcraft R-5 ant, making 350 contacts, 40 ARRL sections, wid Hungary & Japan thrown in, during the Contest!

2/13 15m phone net - W6ZE/HHC checks in AF6C, ESD, & IXN..a truly 'Ken & Bobs' show tonite! HHC gets a landline, shifts up 2 KCs to eliminate interference, has a headache frm a root canal, & is glad to be back from 2 wks of travel! AF6C sends an article to Ken via packet. ESD monitors the packet cluster but doesn't work much DX. IXN paints the trim on the QTH.

2/13 2m phone net - W6ZE/IXN checks in BPX, AF6C, KAA, RE, ZH, XQR, RND, VDP, QW, HHC, NG7D, PFA, VMS, & ESD. AF6C mails 'RF' & OPs get their

copies in record time! BPX depends upon the fog to moisten the crops as he & Blanche visit wid a neice & nephew frm Texas, & Wyatt enjoys new Vietnamese toe doctor! HHC reminds all of Club meeting, & attends the OCARO meeting. KAA continues adventures in Bakersfield. RE has an open in a wire to a headlight, announces record solar peak on Jan 30, airs Newslines, plants tulips, 'haircuts' the apricot trees, & announces successful launch of AMSAT OSCAR 21, launched in the USSR. nOne 'champs at the bit' as she awaits her license, & ZH hopes to avoid a call to Saudi Arabia! XQR keeps the computer busy as she attempts to make more time for hamming..beautiful 'RF', Nancy! RND enjoys 'RF', & ragchews on the bands last week. VDP motors to QW's QTH. Larry works TA3F in Turkey, & FL5/XE1L, Mayreau Is. QW still ponders the movement of a 240 lb. tower to Big Bear! And Rolf tnx VMS fer help getting a China confirmation. VMS CW's a P29 in New Guinea & works Australia, S. Afr., & Ecuador, mobile 7, in Las Vegas. NG7D refurbishes the 'Butternut' as he awaits arrival of kits in the mail, & PFA enjoys TV SWLing wid the satellite dish as he prepares for the dentist tomorrow morning. ESD tells OPs that the Clarion Is., off the coast of Mexico, has applied fer new country status.

2/14 15m CW net - W6ZE/IXN checks in RND. John gets the G5RV ant. up 44 ft. & puts 599 sigs into IXN's QTH. IXN dumps rinse water frm the washer on his flowers as he & RND prepare for water rationing.

2/20 15m phone net - W6ZE/HHC & IXN discuss a word processor by Microsoft, & possible new sites fer OCARC meetings.

2/20 2m phone net - W6ZE/IXN checks in BPX, KAA, RE, RND, VDP, ZRB, HHC, QW, DLA, ESD, & ZH. BPX 'bicycles' in the shack & waters the yard & garden before H2O rationing catches up wid him! After a 'ho-hum' weekend, KAA calls prospective speakers fer OCARC meetings. RE names W6F0 as possible Club speaker, warns OPs abt Novice band change Mar. 16, dwn 25 KCs wid 200W output limit fer all OPs, & airs Newslines tapes. RND's stacked boxes topple in a minor 2.6 event in Upland, & HHC provides John wid packet contacts: N6RKY on 145.070 for ARRL & AMSAT

Continued on Page 4

**On the Nets - February, 1991
(Continued) by Bob Evans, WB6IXN**

bulletins; WB6YMH (2 contacts) on 146.360; & LABPS (multiple contacts) on 145.010, wid best check-in times between 9-11 am & 1-4 pm. VDP prepares to get the WPX award. QW will rent a trailer to get the tower to Big Bear, needs 4 states fer a 10-10 WAS award, & buys a new IBM look-alike computer. DLA checks in but 'flies away' quickly. ESD tells OPs to QSL via F6FNU if they work 5R8JD in Madagascar. ZH says that IBR & IBP got a new TS-850, & Jane gets a TH-345 handheld fer 220, as Chris listens to KC4AAA in Anarctica!

2/21 15m CW net - W6ZE/IXN checks in RND & NG7D, for the 'John' net! NG7D encounters problems wid Social Security on an alleged overpayment, as John prepares to build another kit. RND makes up a couple of interface cables to link rig, computer & TNC as John wrestles wid a new program to connect to various BBS'.

2/27 15m phone net - W6ZE/HHC checks in IXN & AF6C fer a 'Ken & Bob' net. Amidst AF6C's landline, we discuss the end of the Gulf war, & HHC's 2nd root canal wid resultant headache!

2/27 2m phone net - W6ZE/IXN checks in BPX, RE, VDP, QW, PFA, ESD, ZH, RND, & AF6C. BPX is vy happy wid the rain & the watered crops! RE announces a BBS for the National Oceanic & Atmospheric Administration, ph: 303-397-5000, & Alex urges all OPs to write to their House Reps in support of HR 73. VDP didn't expect so much rain!..His lawn may flood! QW prepares the C-64 fer packet, erects a 2m beam, & works over the PS700SP 2m rig. PFA measures 2.8" of rain in the rain guage. ESD works Bator, JT1BG, 20m SSB, in Mongolia. Alas!..ZH reports that Jane remains 'n0ne' fer another 4 to 6 wks. as she awaits her ticket! RND enjoys the rain, surveying the 'wet world' from his shack. AF6C 'flies in & flies out'.

FOR SALE!
SATELLITE ANTENNA AOP-1
Cushcraft 2 meter and 440
Assembled with 20' mast
1.3" o.d. galvanized steel pipe
\$150 or best offer
Phil, KK6QE 731-8400

**Minutes of OCARC Board Meeting,
March 2, 1991**

Meeting called to order by President Ken Konechy at 8:45 AM. Officers present were Ken-W6HHC, Bruce-KC6DLA, Bill-N6VMS, Tom-WA6PFA, John-KJ6TK, Larry-K6VDP and Frank-WA6VKZ. There were 27 members and guests present.

Treasurer's report - \$1000 savings; \$1300 checking; We have 66 members.

Raffle - Ninety six of the 450 tickets for the Yaesu FT470 duel band (2 M and 440 Mhz) hand held radio have been sold.

Meeting Room - It was agreed that we use the Republic Savings meeting room if the \$50 fee can be waived. No charge will be made for the room if we have \$20,000 in accounts. If you have money at Republic or if you have a CD to invest contact Bob, KC6KDL.

Field Day Site - A site committee was appointed: Bill-N6VMS, Frank-WA6VKZ, Larry-K6VDP, Jim-N6XTJ and Dick-WD6X. The committee is to select a site for field day and report location. Meeting was adjourned 10:05 AM.

Respectfully submitted, KC6DLA, Bruce Creager - Secretary

The OCARC - Where We Live

ORANGE	16
TUSTIN	15
SANTA ANA	14
COSTA MESA	8
WESTMINSTER	7
ANAHEIM	4
HUNTINGTON BEACH	4
GARDEN GROVE	3
FOUNTAIN VALLEY	3
IRVINE	3
MISSION VIEJO	3
NEWPORT BEACH	3
OTHER	14
TOTAL	97

Minutes of OCARC General Meeting February 15, 1991

Meeting called to order by President Ken Konechy at 7:30 PM. All officers were present. There were 51 members and guests present.

Program - Ron Weaver, N6VO, presented a video tape and talk about his DX expedition to Tahiti.

Raffle - A Yaesu FT470 dual band (2 M and 440 Mhz) hand held is being raffled by the club. The club has a commitment from HRO to purchase the radio for \$408. It was agreed to sell 450 tickets at one dollar each. This will allow the club to make \$42. The radio will be raffled when the 450 tickets are sold. Get your tickets from Tom, WA6PFA, at club functions. Jerry Davis, KC6MTH from Audiotek, has donated a frequency counter to the club. It will be raffled off at the March general meeting to generate money for generator maintenance fund.

Club Dues - They are due.

Westlink - It was noted that the February Board minutes were in error in that the \$50 donation to Westlink was not voted on. However, there was a motion during this General meeting to donate \$50 to Westlink. The motion was seconded and passed.

Treasurer's report - \$1100.16 savings; \$917.16 checking; about \$200 collected in dues.

ARRL Membership Renewal - It was pointed out that the club receives \$5 from the ARRL for renewals made through the club. Make your check out to the club and give to Bill, N6VMS. He will then send your renewal to ARRL.

Field Day site - Site locations were discussed. Both the Costa Mesa and last years site are both unavailable. If you have suggestions, contact field day chairman, Dick - WD6X.

Meeting Location - Security Pacific Bank is planning remodeling our present meeting room into offices. We need to find a new meeting place. Contact Bob, KC6KDL, if you have a suggestion.

Announcements - Diabetes Bikeathon April 20. March of Dimes Walkathon on April 27.

Band Plans - Dave - WA6PMX, our area UHF/VHF advisory committee person, was present. The band plans

for two meters, 220 and 440 are now under review. Any comments should be directed to Dave prior to May.

Packet Demonstration - Frank, WA6VKZ, announced that committee has put together a lesson plan for a packet radio demonstration to be presented to computer clubs and stores in the area.

ARRL Announcements from Alex, W6RE - 1) US Congressman Jim Cooper has introduced a bill in the house (HR73) to require the FCC to give HAMS an equal amount of spectrum to any that they may decide take away to give other services. 2) The 80M novice band is being relocated from 3.700-3.750 MHz to 3.675-3.725 MHz (No date announced). 3) Heath Company is no longer offering kits. All units will now be ready made.

Meeting adjourned 9:55 PM.

Respectfully submitted, KC6DLA, Bruce Creager - Secretary

Jerry Davis, KC6MTH
President of Audiotek
offers
12% DISCOUNT ON ALL
COMET ANTENNAS
(213) 328-7770
20934 S. Normandie Ave.
Torrance, CA 90502

Television RF Interference

by Don, W6BDD of the Air Force Flyers Club, passed along by Dave Hollander, W6COJ

This article is about TV interference (TVI) and steps you can take to eliminate or reduce its effects. Due to space restrictions and the complexity of the subject, only the basics of TVI reduction are presented. As before, let's first have a little background.

Radio Frequency Interference (RFI) was born the day the first radio transmissions were made by Marconi. In the early days of radio it was called broadcast interference (BCI). As television boomed in the fifties, it was called television interference (TVI). Early BCI was manageable because it affected only a few listeners; the TVI problem was much greater because of the explosion in TV viewing when black and white set became available.

WHAT IS RFI?

Radio frequency interference occurs, or has the potential to occur, whenever an electronic device finds itself surrounded by a field of radio frequency (rf) energy. The source might be amateur, citizens band, police, broadcast or television transmitter or any other device capable of generating rf energy and causing interference.

WHAT CAN BE DONE ABOUT IT?

Sometimes the transmitter is at fault, but more often than not, the fault lies with the electronic device itself, because of insufficient design, shielding or filtering. The first step taken to resolve TVI is to locate the source of the interference. If the source appears to be from your amateur transmitter, then you should take

preventive measures by installing a low pass filter in the antenna lead, include a brute force ac line filter, and use an effective earth ground on the equipment. The low pass filter ensures that the desired signal reaches the antenna while any harmonic energy supplied to the antenna is greatly attenuated. The line filter restricts medium and high frequency energy from entering the ac line and being radiated by the power lines. A low impedance earth ground prevents energies from being radiated from equipment chassis, cables, etc. The addition of a good quality antenna tuner can attenuate harmonic energy up to 30 db or more.

Remember, it's always a good idea to take all practical precautions to ensure that your station is not the cause of the interference problem. You can make a strong case for yourself by demonstrating that your equipment doesn't interfere with your own tv set.

WHAT CAN WE DO ABOUT ENTERTAINMENT DEVICES?

Generally, the source of the interference will be within 300-500 feet from any entertainment equipment. Attaching a "high pass filter", available from most electronic supply stores, generally reduces all but the most stubborn cases of TVI. The type of filter to install must match the type of antenna wire coming from the entertainment equipment. Do not use a combination of twin-lead and coaxial cable without matching transformers (baluns).

If you are having interference problems from a local commercial or

industrial transmitting station, a different filter is used. This filter is called a band pass filter and attenuates harmonic frequencies associated with a single tv channel, while permitting the tv channel frequencies to pass un-attenuated.

In this same scenario, if you're located in a tv fringe area and your reception is satisfactory, it is considered a weak signal and is very susceptible to various interference problems.

If you're on a cable system, you may install a band pass filter at the antenna terminals. Under no circumstances should you attempt to alter the cable system.

One rule of thumb to follow is: always install your tv filters before the booster amplifiers and another filter ahead of the tv receiver input terminals. If the amplifier is located close to the tv, then install the filter before the amplifier only.

VOLUNTEERS NEEDED!

RIDE & STRIDE

**American Diabetes
Association**

Saturday April 20, 1991

8:00am - 2:00pm

Anaheim Stadium

**North & South on Santa Ana
River Trail**

ARES Response Area #3

**is responsible for one
checkpoint at Edinger and
Santa Ana River Trail**

Call Frank, WA6VKZ

(714) 454-2635

Giving Back to the Hobby

by Bob Gregg, KC6KDL

My amateur radio career began back in 1978 when I became KA6DPP. A lot of things have happened since then. Some of them I'll never forget. A few of them I wish I could. The exciting things I recall include my first contact on CW (novices didn't have voice privileges back then) and the time I used the autopatch to report a plane crash. I've made friends around the world, and worked some rare DX. I've let my license expire and had to start all over. My interest in electronics grew as a result of my involvement in amateur radio, and I attended night courses in electronics, and started my own business in the security electronics field.

Amateur radio has given me a lot, but far and away the most rewarding experience occurred the weekend of February 23-24, at the Airporter Inn, where about 125 hams and novice, technician candidates gathered to study and test for new licenses and upgrades.

David, WA6TWF, and I had spent hundreds of hours preparing to teach the Advanced class. The excitement and apprehension of the students was apparent as they filed into the classroom. But with true ham spirit they endured 16 hours of grueling advanced theory, mile long math formulas and the usual rules and regs.

The look on Nancy, N6XQR's face as she tried to understand phase angle relation-

ships was absolutely priceless, and she expressed the sincere wish that she would never have to put this part of her knowledge of radio into practice. But she hung in there and even found a shortcut that took about a quarter mile off one of the formulas. Thanks, Nancy. We had to laugh when the Judge became confused on the subject of half power beamwidths and said... don't confuse me with the facts, just tell me how to get the right answer. And Cindy, KC6OPI, helped get us all through with fresh baked goodies. We all admired Jerry, KC6MTH, who could only make one day of the class because Sunday was his daughter's birthday, but made up for it by staying up all night Saturday to study. Jerry passed the General and Advanced examinations in one sitting!

And I saw the camaraderie that developed between the students while they helped each other, studying through their lunch breaks, staying late, and doing whatever was needed, not only for themselves, but

for their classmates, and I felt a part of it and it was wonderful.

When the time for studying was over, and the V.E. team arrived, there was a quiet tenseness, it was time to prove the results of our efforts. One by one the exam papers were turned in, and graded, and the anxiety turned to relief, and joy, and in some cases elation. I'll never forget being hugged and kissed by a jubilant KC6MTH as he babbled "I'm an ADVANCED, I'm a #\$\$%@\$ Advanced!" And there was more hugging and kissing and handshaking.

What a weekend! Many thanks to Gordon West for so freely sharing with me his vast knowledge of amateur radio instruction, in his instructor elmering program, and to David Corsiglia, for the opportunity to participate as an instructor. And to all of the students who worked so hard, and allowed me to give back a little of what amateur radio has given to me.

73 and cu in class de KC6KDL

Gordon West Radio School "U"

Gordon West with West Radio School announces multiple classes at a single weekend facility -- from no-code Technician, all the way through Extra. "We call it Radio School 'U' -- 'U' for Under one roof. Once a month we present up to 5 different classes at the same hotel facility -- and this might allow a licensed husband to attend a General code class while his wife and kids are in an adjoining meeting room preparing for the no-code Technician license," comments Gordon West, WB6NOA, past recipient of the ARRL Instructor of the Year award.

West's instructors were developed in last year's Radio School instructor/elmer program. "Terrific instructors came to our classes, began guest teaching, and now they are ready to present their particular session on their own," adds West. "Gordo" will still continue to teach Novice and no-code Technician himself.

General code and Extra code weekend classes will be taught by Daniel Fort, AA6LM, nicknamed "Dit-dah Dan". Dan is an active CW QRP enthusiast who lives and breathes

Morse Code and is recognized locally as the best code instructor around.

Advanced theory and Extra theory will be instructed by David Corsiglia, WA6TWF, best known for his technical expertise and his 440 MHz remote base system recently detailed in a national magazine article.

"And there are other instructors, just waiting to come onboard," adds West. His plan for new instructors is simple:

1. Sit in on a full weekend class.
2. Join the ARRL instructor program.
3. Assist in teaching a portion of the class.
4. Take over selected weekend class subjects.

"This under-one-roof idea worked great for me," comments Bill Alber, WA6CAX, who flew in from the San Francisco Bay area with his family. "My kids took the no-code at the same time my wife went through General code class. And what did I do? I went through the Extra code class, and passed it with flying colors -- and best of all, we all graduated together in one combined ceremony on Sunday evening," adds Alber.

RADIO SCHOOL U

"U" FOR UNDER-ONE-ROOF

- No-Code Technician Class
- General Code Class + Theory Review
- Advanced Theory Class

May 10, 11, 12

AIRPORTER INN, Orange County

**Bring your friends
to no-code class!**

Attend an upgrade class at the
SAME Hotel

on the SAME Weekend!

3 Classes in 3 Classrooms

Gordon West Radio School, Inc.

INFO LINE (714) 434-0666

CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at SECURITY NATIONAL BANK

Mar. 15th 1095 Irvine Blvd. (4th St. becomes Irvine)
Tustin, CA. Talk-in on 146.55 MHz

Apr. 19th
(Take the 4th St. exit of the 55 Freeway
and head east. Continue past Newport Blvd.
about two blocks. It's on the left.)

May 17th

CLUB BREAKFAST: 1st Saturday of each month, 8:00AM at DENNY'S Resturant
2314 E. Seventeenth Street Santa Ana, CA. (714) 543-0872

Apr. 6th
May. 4th (Second bldg. west of the 55 Freeway)

CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2030 hrs.	146.550	splx	na	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	splx	na	W6HHC
15 Meters	CW	Thu	2000 hrs.	21.175*	splx	na	?????

(Listen for W6ZE, net control) *Plus or minus QRM

ARES DISTRICT NETS

2 Meters	FM	Mon	1900 hrs.	145.220	-600	1A	N6HQI 1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	K6KAA 2
2 Meters	FM	Mon	1930 hrs.	noted	splx	na	noted 3

1 - ARES Info net.
2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).
3 - City Nets: Orange - 146.535 WB6FCP; Tustin - 146.505 WA6VKZ; Santa Ana - 147.585 W6HHC

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

First Class Mail

Time-Dated Material.
Please Rush!!