Another year for OCARC and another term as President. The Club has entered a period of expansion that hopefully will continue at a pace that we can handle. I believe that we should always expand as a Club, but not just to generate numbers. The success of any organization depends upon the participation and commitment of its members. I would like to have 50% participation of 100 members rather than 20% participation of 250 members.

OCARC has always been a “general purpose” radio club with no one specific area of amateur radio predominating our activities, though during the past five years or so we have shown an increased interest in “public service.” I hope the interest in “public service” continues to increase.

The implementation of the No-Code Technician license has been a plus for amateur radio and has brought about a re-kindling of the “Elmer” spirit in amateur radio. The Club can continue to increase its helpfulness to new hams on an individual basis by interesting topics at meetings and impromptu training and activity sessions.

To all new and potential hams, I wish to extend a welcome to join us to expand your interest in your hobby and have fun doing your hobby.

WE ARE MOVING TO A NEW MEETING SITE IN FEBRUARY! WE WILL BE AT THE ANAHEIM EMERGENCY OPERATIONS CENTER. DIRECTIONS CAN BE FOUND IN INSERT - THIS ISSUE.
I hope all of you who attended the Club's Auction in October had as much fun as I did. Since there seems to be a small but growing number of you in the Club interested in the subject and practice of QRP operation. I thought I would pass along (as I have them) names and addresses of amateurs and dealers who specialize in QRP to the QRP enthusiast operator. They are as follows:

Oak Hills Research
20789 Madison Street
Big Rapids, MI 49307
Kits
171 Springlake Drive
Spartanburg, SC 29302

Some of these dealers charge for a catalog of their line (usually to cover their postage and printing costs) so

NOTE: New Addition, Kits from the United Kingdom
Kanga U. S.
Bill Kelsey N8ET
3521 Spring Lake Drive
Findlay, OH 45840
(419) 423-5643

Friday, January 24
8:00 PM
Robert B. Moore Theater
Orange Coast College
Tickets (714) 432-5880
$8.50 Advance
$10.00 at the Door
WF6E John and WE6X Vikki Zinsmeyer
Take one Newport Beach couple eager to live their dream. Mix in thorough preparation by both skipper and mate. Add the experience gained by an extensive shakedown cruise, and you have the recipe for a dream come true. Join John and Vikki as they share with humor and joy the excitement, frustration and sometimes terror of their just completed trans-Pacific voyage to New Zealand. They sailed as many modern cruisers -- with all the new toys and equipment aboard their Swan 46, Menehune. They cruised in company with two other boats for as Vikki says, "Three heads are better than one." They will discuss outfitting the modern cruising boat, the life-style changes they experienced moving aboard, and the pleasures and triumph of sailing their dream.
You can hear Vikki WE6X check into the Insomnia net 11:00 PM 144.330 simplex
On the Nets - December, 1991
by Bob Evans, WB6IXN

12/15 15m phone net - W6ZE/AF6C checks in XTL, IXN, RND, COI, & VDP. Jim finishes a week of vacation & is now investigating 'AP Link'. IXN completes medical tests, & RND tells OPs of two small earthquakes at Big Bear & San Diego. VDP, wid QSLs in fm Sierra Leon, Marshall Is., & Guiana, repairs a ground problem in his Kenwood ant. tuner. And COI, tired after a long trip, will for-go the 2m net tonite! AF6C passes Club Christmas dinner info. to IXN for airing on the 2m net.

12/2 2m phone net - W6ZE/IXN checks in VKZ, BPX, RE, WTY, RND, HHC, WWP/M, VDP, XTL, NG7D, ZH & TAM, QW, OP1, BWH, & VES. BPH will be present at the Club breakfast Sat. mom., but will not drive after dark to the Xmas dinner on Sun. RE airs Newsline, & tells OPs that UV3AM, fm the MIR Space Station, is in the hospital recovering frm the effect of weightlessness.. Pse route cards thru WA2LQQ, Vernard Riponella, PO Box 177, Warwick, NY 10990. HHC is buying a new house, & Ken expects his mother to arrive frm back East tomorrow. VDP will work the 160 band this weekend, trying to top the QRN wid a little CW & phone! NG7D converses wid VES by landline, & Gary will bring John to the Christmas dinner. VES 'flies in & flies out' as he prepares to go 'on duty'! And NG7D TGs in 'Lost Wages', NV., & experiences vy cold high winds! Chapt. 2 of 'Rolf faces the CCRs'...Seems that QW has purchased the adjoining property at Big Bear & guess what?!...No CCRs! Rolf plans to erect a tower & beam ant, wid all the bells & whistles, that will make his complaining neighbor 'set up & take notice'! Also, Rolf, wid 158 DXCC contacts on 15m, now awaits the QSL card arrivals! XTL plans to attend the Club breakfast on Sat., & OP1's 10 yr. old harmonic, Patrick, plans to take his Tech test vy soon. BWH & IXN discuss recent seismic activity near San Diego & Big Bear. VKZ tells OPs that Walt Henry, of Henry Radio, has passed away. WTY says there are 70+ Club + family members signed for the Xmas dinner, & Carmine gets a new Yaesu FT 736 R rig. RND picks up 2 books on WW II at the Orange library book sale, & VKZ has moved back to Tustin to be nearer work. Nice to hear Frank in here again! IXN assures WWP/M that the Christmas dinner is casual dress & not a black tie affair! ZH gets more DX QSL cards in & Jane, TAM, has a sinus infection.

12/15 15m CW net - W6ZE/RND checks in IXN. RND tells IXN that Santa arrived early wid a Mosley TA-33 beam! Also, there were no checkins on TG evening last week! IXN was in radio at net time. IXN 73s to type up Net News, & John prepares to tape a TV program on Pearl Harbor, WW II.

12/11 15m phone net - W6ZE/AF6C checks in NGO, RND, IXN, QW, XQR, & HHC. NGO says bye-bye to 2 visitors frm Japan, & records .25" of rain at the QTH while DXing to Milan, Italy! AF6C has a niece visiting in Italy. RND tries out the new Mosley Jr. beam on the net. OPs agree that the beam has a good front to back ratio! John will use the beam this weekend in the 10m contest. IXN announces a 2.8 EQ near Fontana this afternoon. And QW works a VK9 on Norfolk is., enjoys the rain, & will leave for Big Bear tomorrow. XQR prepares for the Club 'Icebreaker Contest' this weekend, as Nancy puts the new Kenwood 741 thru its paces. OPs congrats QXR on receiving the God of the Club award. HHC has XQR call WT6A to help out in the Contest this weekend.

12/21 2m phone net - W6ZE/IXN checks in BPH, ZH, TAM, RE, VDP, RND, QW, XQR, HHC, WTY, KAA, & BWH. BPH appreciates the 1.5" of rain. And Wyatt's Doc clears him as A-OK frm the recent surgery. ZH, TAM, IPB & IBR all enjoy the Xmas dinner, as Jane recuperates frm walking pneumonia & Chris works KH6SP on Ford Island in Oahu, & a UM 8, Kinghiz Rep. RE informs OPs that the Club must find a new site for the March meeting. And Alex RTTY's NNN0NBW aboard the Arizona memorial on PH Day. VDP goes after a bad meter on the ant. tuner, & Larry has 50 contacts on 160m, using a 5RV ant. fed parallel against ground. Some signs were 60/9! RND chimney mounts the Mosley Jr., points the beams to the East, & prepares to work the 10m Contest this weekend. XQR announces that the Novice/Tech station will operate under KC6ONZ's call, & the Gen/Extra station under K6VDP's call, for 'Icebreaker' day this weekend. QW, buying the CC&RR-free property next door, will erect a tower on this lot at Big Bear. Rolfs also works KH6SP, Fr. Guiana, Labrador, San Andreas, & Norfolk Is.; thinks abt cleaning the junk out of his dark room, & tells OPs that he was a glider pilot wid the Orange County Soaring Assc. for years! WTY is mobile in Costa Mesa, works the Philippines on 10m, & QRP's to Nebraska & back East. HHC hopes for a Feb. closing date on the new QTH in Orange, & KAA will run off to San Luis Obispo to pick up the harmonica tomorrow, wid his 'ivy' eye healing nicely! BWH is busily involved in decorating the QTH for Christmas!

12/12 15m CW net - W6ZE/RND checks in IXN, & XQR. RND works on the new beam & gets ready to read his new World Radio Magazine. IXN spent the whole day at the church 'cussing the old plumbing! And XQR comes 'buzzing' into the net as she discovers computer QRN for the first time! After net, IXN & RND call XQR to discuss her 'buzzing' problem!

12/18 15m phone net - NG7D reports RND, NGO, & QW were on frequency, but no net!

12/21 2m phone net - W6ZE/IXN checks in NG7D, ZH & TAM, RE, VPP, XTL, PFA, RND, WTY, XQR, QW, VDP, ULO, BWH, OP1, QUE, & BUY. John edits hours of video tape & QRP's Costa Rica & Mississippi plus QSOing wid WTY on 17m tonite! TAM plans her baking attack on the Christmas cookies while ZL tallies 154 countries worked, 73 confirmed, on 10m! RE finds a new home for a wheelchair patient, airs an excellent Newsletter, & prepares for company on Christmas. VPP gets the ATV station on the air & now his computer is mad at him! Seems that Bud fed it too many bites & it burped up a full hard drive on him! NJT enjoys the 10m contest & PFA will host family on Christmas day, & Tom does live an FCC Class C certified computer! RND has saved the Dec. 4 Register article on Walt Henry, works the 10m contest for abt 6.5 hrs. & plans for the Straight Key contest beginning at 7 PM on the 31st, & John reminds OPs to use SKN instead of RST for sig reports! WTY enjoys the 'Icebreaker' Club exercise in the 10m contest, working wid XQR, YLQ, BWZ, & VDP, to name a few!

---Continued on Page 4---
On the Nets - December, 1991 (Continued)

And Carmine also investigates 12 & 17m, while sporting a new Cushcraft R5 in the yard! XQR gets herself taped in a VE session, & Nancy may have to ‘paddle her way around’ if she can’t find a straight key for the SK contest! QW moves the vertical in full view of his offending neighbor at Big Bear, & plans a 60 ft crane-up tower on the lot next door. Will QW camouflage the new tower & antenna, or, will he paint it with phosphorescent paint so that his neighbor can enjoy it 24 hrs/day! Stay tuned for further developments as Rolf prepares for Christmas company! VDF enjoys XTJ’s memory keyer at the 10m contest, and Larry prepares for family at the QTH on Christmas. ULU takes time from preparing VE questions to tell OPs that he worked VY1AQE using ANTOR. BWH enjoyed the club ‘Icebreaker’ contest on 10m & prepares for family at Christmas. OPI’s harmonious passes the novice element, now the code! OUE will spend Christmas with the kids, and plans a trip to Laughlin, NV for New Years. BUT will ski at Mammoth over the Holidays & plans to take the Gen. exam 1st Sun in Jan!

12/19 15m CW net - W6ZE/RND checks in on XIN, XQR, & OUE. RND tries out the new beam & then the dipole for a sig check. XIN receives 599 sigs from both Mike, OUE, running 20W, lives in Orange. And XQR tells OPs that RE gave her a hand key for the straight key contest this weekend! At net’s end, Roger, W6SQQ, checks in as XIN gets a landline from XQR.

1992 ACTIVITIES

by Bob Schnabel, KC6WWP

My name is Bob Schnabel (KC6WWP) and I am the Activities Chairman for 1992.

This year I will be planning a wide series of events such as clamping trips, club picnics and many more. Also, with your help along with any comments and suggestions, I know that this position will run smoothly for myself as well as the club.

This year, we are looking forward to some great prizes for the raffle. Some of these prizes include: special QSL cards, headsets, code tapes, meters and many more. We will also have special raffles for radios, TNCs, Quantum batteries, etc. General meeting raffle tickets will remain at the same price of $3 tickets for $1.00 and may be purchased prior to and during the meetings.

Again, I welcome all comments and suggestions and do my best to respond to them. Please do not hesitate to call me at home at (714) 776-8486.

73, Bob, KC6WWP, Activities Chairman

When checking into the Wednesday nets, when W6ZE is "bye for checkins" say your call. Net Control will acknowledge you. Net Control calls back the checkins in the order heard for each OP (operator) to share what’s new at the QTH since the last net. W6ZE is the Club's call sign.

Minutes of OCARC Board Meeting

January 4, 1992

Meeting was called to order at 8:45 AM by President Frank Smith, WA6YKZ. 1991 Board Members were all present except for Membership Chairman Bob, AF6C and Publicity Chairman John, KJ6TK. 1992 Board Members were all present except Vice-President Bob, AF6C. There were 42 members and guests.

OLD BUSINESS
- Audit Committee: Bob, AF6C; Bad, WA6VPP; Jane, KC6TAM
- Treasurer's Report: Current Checking Account balance is $359.69, savings $1,141.81. A summary report was read and will be included in the January RF.

NEW BUSINESS
- Xmas dinner 1992: Dave, WA6COJ: Does the Club want to go back to Tustin Marine Base? Dave will confirm. Moved by Mike, K6KAA. Seconded by Bob, KC6WWP. Approved by majority of the Board.
- Field Day, 1992: Dave, WA6COJ, will check with Tustin Marine Base for place.
- Start an "Elmer" Committee chaired by Larry, K6VDP: establish a "contact" point for members to gain additional knowledge. ATV "Elmers" will be Tom, WA6PFA and Bud, WA6VPP.
- Club Equipment: Ken, W6HHC, has the audit list. John, WA6LZL, will return HF rig at Club meeting.
- Meeting Site: As of 2/28/92 we can no longer meet at Republic Federal Savings Bank. It has been sold. For new meeting site we can consider a place with janitorial fee. Suggestions: Chapman College, Elks Lodge. David, WA6TWF offered the Anaheim Emergency Operations Center (EOC) for free. Cindy, KC6OPJ; Carmine, KC6WTY; and Bob, KC6WWP offered to review and advise by January meeting. Discussion: Several members have been to the EOC and recommend it. OCARC carries 1 - 2 million in liability insurance. KC6WTY suggested OCARC Board examine other sites also. K6DBWH suggested the Board accept the site as we can always change sites at a later date. Bud, WA6VPP will monitor 146.550 simplex to talk members into location. Motion: Accept EOC as meeting place without further review and begin meeting at the Anaheim EOC with the February, 1992 General meeting. Moved by Cindy, KC6OPJ. Seconded by Clark, WA3JPG. Approved by a majority of the Board.
- Adopt a YL: Carmine, KC6WTY suggested the Club do this to expand worldwide.
- Amateur Radio Awareness Day: Frank, WA6VZK stated that we need to start early. Skipper, KC6WJ will form a committee to find locations, equipment and people.
- Field Day 1992: Don, KC6ONZ and Anita, KD6BWQ will handle the food.

Meeting was adjourned at 9:40 AM.

Respectfully submitted, Jane Breiner, KC6TAM, Secretary
OCARC Annual Report 1991
by Bill Freyfogle, N6VMS, Treasurer

The year 1991 was another successful one for OCARC. We began the year with a checking account balance of $374.13 and a savings account balance of $1141.81 for a net increase/income of $272.71 on the year. Included in the financial results are our liability insurance ($260) for 1992 and Post Office Box rental ($33) prepaid in advance for 1992. We also have 8 prepaid subscriptions to WorldRadio Magazine to be auctioned off in 1992. We have one outstanding liability of $52.40 to a member for the 1992 auction. We have an outstanding receivable from the Tustin Officer's club for $76.27 dollars.

I wish to thank five people who ensured this year a financial success. The first is Elmer Thomas WA6PFA, who successfully ran the Club’s raffle and showed a profit of $180.41. The second and third are Phil Anderson and Frank Smith, who ran a super raffle on the Yaesu Model 470 HT’s (2 of them) for a profit of $223.05. The fourth is Dave Hollander, who helped get a refund from the Tustin Officer’s club on montoys overpaid. Finally, and most importantly, is Jerry Dahlin, who again helped us with the RF Printing and saved us hundreds of dollars in printing costs. Without the help of these five people, we would have posted a significant loss this year.

Back to the financial results: Dues and membership were up dramatically from last year to a total of $1088.00. Also, strong income was made from the regular raffle and the Yaesu HT raffles.

Increased expenses were incurred on our larger-than-ever Field Day event ($601.54). We also donated $100 to the 145.460 MHz earthquake repeater system. Finally, we treated members to food at our club auction this year in the amount of $67.66.

The auction this year was not a success, probably due to the poor economic conditions keeping non-members away from our event and keeping the spending spirit down. After subtracting the $67.66 food bill, we only made $46.54. I would like to suggest we evaluate the desirability of holding this event again this year.

The Holiday party this year did not cover the $50 set-up fee charged by the Officer’s Club, nor did it cover another $76.79 in awards and gifts presented at the party. I would suggest we charge $3 above the regular dinner rate next year to cover these items.

The continued success of our $12 annual dues can only be continued as long as we can keep the cost of printing our newsletter down. Next year will also require strong efforts on our raffles to maintain the $12 rate. I strongly urge we not consider lowering the dues to $10 - we only broke even this year!

I would like to thank all the members of this club for the opportunity of being Treasurer during 1991 and hope I have been worthy of your trust. If I can be of help in 1992, please let me know.

Respectfully Submitted,
William T. Freyfogle, N6VMS
Treasurer, 1991

The Rockloop Antenna
Submitted by John Christopher, NG7D

Here’s something interesting I came across in the “QRP Journal” July 1991 this past summer. I thought some of you who live in condos and other restricted commnities might be interested in Rocky’s antenna design as a possibility for getting on HF, running with low power or QRP gear. Don’t know how it works, for it defies the laws on antenna theory as far as resonate lengths go… Hi. Rocky says it works, so who knows? Maybe he has discovered something new here. Rocky states that the antenna works well from 14 MHz up on in the ham spectrum. If we were to double the size of the “Rockloop” could it then be possible to work the 30 and 40 meter amateur bands and still have the antenna small enough to fit indoors? Interesting concept, don’t you think? Anyone out there interested in building and trying one out, and getting back to me with the results? Unfortunately, the layout of my shack prevents me from building one of my own, so possibly one of you out there does have the space to give it a try? Anyway, submitted for your review is the “Rockloop” article. Enjoy!

[See article on page 6...ED.]

72 & 73 de NG7D/QRP
What the Heck Does 72 Mean?
by John Christopher, NG7D

For you CW operators in the Club who may have run across this closing statement during a QSO in recent months, be advised that the term 72 means “GOOD QRP CONTACTS TO YOU.” It has been adopted by QRP operators and clubs recently as a closing good bye statement on CW. Next time you work a station on CW but he gives no indication he is QRP, listen for the 72 and 73 statement. If he uses it, that will give you the high sign of a true QRP operator. I received this info recently from ARCI, which is a QRP operator organization.

AMATEUR RADIO INSTALLATIONS
- MARINE
- BASE
- MOBILE

Professional Custom Installations
Prompt, Courteous Service
Jerry (KK6YO) & Linda (KC6VHY) Davis
1757 D West Carson St. #365
Torrance, CA 90501
(310) 784-0979

January, 1992 - RF / 5
THE ROCKLOOP (from The QRP Quarterly July 1991)
by C. F. Rockey, W9SCH  Box 171  Albany, Wisconsin 53502

Note from Idea Exchange editor Mike Czuhojewski, WA8MCQ: C.
F. Rockey, W9SCH is a long-time QRP'er, going back to the days
of the Milliwatt and provides the following info on his miniature
antenna. While the general rule of thumb is that an outside or full
size antenna is better than an indoor or reduced size one, not
everyone can put something outside and a compromise antenna
is better than NO antenna! In sending along his article, Rock
writes: “Don’t laugh, doggone it, the silly thing really works! (I
wouldn’t believe it either if I hadn’t experienced it.) Even with my
lackadaisical DX chasing ways I have worked 37 countries on all
continents with the thing -- no more than five watts, too. I think
this might be one cheap but helpful answer to the
poor fellow enconced
in a fancy condominium where outside wires are strictly verboten.”
(This article has previously appeared in The
FiveWatter, Journal of
the Michigan QRP
Club.)

The Rockloop is an
effective, easily con-
structed, compact
antenna for the amateur
frequency bands be-
tween 21.5 and 10.1
MHz and for a max-
imum power of 5 watts CW or 10 watts PEP SSB. Since it is
compact enough to fit inside nearly any amateur shack, use it when
an outside antenna may be inadvisable. You can easily make the
Rockloop at a very small cost with ordinary hand tools.

Its performance has been proven on the air. Located in a ground
floor ham shack and supplied with 5 watts, the Rockloop has
completed contacts in 36 countries on five continents using the 21
MHz and 14 MHz bands. Other foreign contacts include Costa
Rica and Cuba on the 10, 1 MHz band. I’ve made domestic contacts
from coast to coast and from Canada to Texas using only 100
milliwatts of power, and hope to increase this DX score as time
passes.

BUILDING THE ROCKLOOP
Make the frame from two 48-inch lengths of one by two pine
mortised together at a right angle at their centers. Finish and stain
the wooden frame for neatness. Form the loop conductor itself
from 12 feet of number 12 B&S “house wiring” wire (available
from any hardware store). Fasten the wire to the frame at each
corner using insulated staples.

Wind the coupling transformer between the loop and the RG-58
coaxial cable upon a T-50-2 iron core toroid. The primary wind-
ing (connected to the coaxial cable) consists of 20 turns and the
secondary winding (connected to the loop itself) is of five turns.
Number 22 enamelled magnet wire is suggested, but the wire size
can vary within reason.

Use a 100-pf air dielectric capacitor for tuning since mica or plastic
 capacitors might not tolerate the RF voltage. Keep the leads
between transformer and loop and capacitor and loop as short as
possible.

Clip the tuning lamp out of a discarded 35 or 50 lamp miniature
Christmas tree light string and shrink it across two inches of the loop
conductor near the feed point (see diagram).

TUNING THE ROCKLOOP
Connect the coaxial cable to your transceiver to the middle of the band
of your choice, and adjust the power output to about two watts.
Rotate the tuning cap-
acitor (allowing for the
inevitable hand capaci-
ty effect) until the
loop glows at
greatest brilliancy.

Once the Rockloop is
in tune, you may in-
crease transceiver output up to 5 watts if desired.

USING THE ROCKLOOP
Keep the Rockloop as far as possible from large metal objects and
wiring which might distort its radiation distribution. For best
results, I recommend keeping the plane of the loop vertical, or
nearly vertical. Although there is a sharp radiation null on each
side of the loop plane, these are scarcely noticeable in operation,
and the loop is nearly omni-directional. Theory suggests pointing
an edge towards your favorite direction, but it’s hardly worthwhile
providing for rotation.

One final caveat: If your home uses aluminum siding or with
aluminum covered insulating board, no indoor antenna will work
well for you (radiation from within a metal-shielded box can hardly
be expected).

Gain figures for the Rockloop aren’t available, but its performance
compares quite favorably with an 80 meter, center fed Zepp
goald antenna at W9SCH, particularly in the 21 MHz band.
While performance is a bit less favorable at 10.1 MHz, the Rock-
loop still works surprisingly well. For a three foot indoor square of
wire, what more can you ask?

See introduction by John Christopher, NG7D on Page 5.
THE CLUB MEETING SITE IS MOVING IN FEBRUARY!

WE WILL BE AT THE ANAHEIM EMERGENCY OPERATIONS CENTER.

INCLUDED IN THIS MONTH'S RF IS A FLYER FROM THE WA6TWF SUPER SYSTEM WITH A MAP. THE RF THANKS DAVID, WA6TWF FOR PROVIDING THIS BECAUSE OF THE TIME CONSTRAINTS YOUR EDITOR IS UNDER TO GET THE JANUARY ISSUE OUT IN TIME.

WE WILL HAVE ANOTHER MAP AND DIRECTIONS IN THE FEBRUARY ISSUE.

ICOM SERVICE CENTER
OPEN HOUSE
SATURDAY, JANUARY 25TH
NOON - 4:00 PM
After TRW Swap Meet

18102 Skypark Circle South
Irvine, California
(714)852-8026

DIRECTIONS
405 to MacArthur
Turn Right on MacArthur
(from either North or South)
Left onto Main
2nd Light - Turn Right on Skypark Circle South
Go to Stop Sign and make a U-Turn

Last building on the right is ICOM
At the corner of Main and Skypark Circle South

Bring your ICOM for the technicians to give it a checkup that includes modulation levels, CTCSS deviation checks, frequency checks, and power output measurements.

FOR THOSE OF YOU WITH "UPGRADE" ON YOUR NEW YEAR'S RESOLUTION LIST
(OR GETTING THE REST OF THE FAMILY LICENSED)

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Pre-register for all classes. For F.V. (Fountain Valley) call AB6CH BOB GREGG at (714) 375-0387. For Irvine locations (classes taught by WB6NOA, GORDON WEST and AA6LM, DAN FORT), call GORDON WEST RADIO SCHOOL (714) 549-5000. Bring ORIGINAL and COPY OF LICENSE and ORIGINAL and COPY of ANY CSCE'S, ID and $5.40 (NOTE PRICE INCREASE FOR 1992.) ALL TESTS ARE WSYL ACCREDITED, LEAD VE: NANCY BUCHER N6XQR (714) 537-8728. BE SURE TO PRE-REGISTER WITH SITE SPONSOR IF YOU WISH TO WALK-IN TEST. Walk-ins will be tested after class testing. Multiple versions of all elements are available.

January, 1992 - RF 17
CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at REPUBLIC FEDERAL SAVINGS BANK
January 17th
February 21st - ANAHEIM EOC
March 20th - ANAHEIM EOC

February 1st
March 7th

CLUB BREAKFAST: 1st Saturday of each month, 8:00AM at DENNY'S Resturant
February 1st
March 7th

CLUB NETS

<table>
<thead>
<tr>
<th>BAND</th>
<th>MODE</th>
<th>DAY</th>
<th>LOCAL TIME</th>
<th>FREQ MHz</th>
<th>SPLIT</th>
<th>PI</th>
<th>OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Wed</td>
<td>2030 hrs.</td>
<td>146.550</td>
<td>smplx</td>
<td>na</td>
<td>WB6IXN</td>
</tr>
<tr>
<td>15 Meters</td>
<td>SSB</td>
<td>Wed</td>
<td>2000 hrs.</td>
<td>21.375*</td>
<td>smplx</td>
<td>na</td>
<td>AF6C</td>
</tr>
<tr>
<td>15 Meters</td>
<td>CW</td>
<td>Thu</td>
<td>2000 hrs.</td>
<td>21.175*</td>
<td>smplx</td>
<td>na</td>
<td>WA6RND</td>
</tr>
</tbody>
</table>

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

ARES DISTRICT NETS

<table>
<thead>
<tr>
<th>BAND</th>
<th>MODE</th>
<th>DAY</th>
<th>LOCAL TIME</th>
<th>FREQ MHz</th>
<th>SPLIT</th>
<th>PI</th>
<th>OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Mon</td>
<td>1900 hrs.</td>
<td>145.220</td>
<td>-600</td>
<td>1A</td>
<td>N6HOI 1</td>
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<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Mon</td>
<td>1915 hrs.</td>
<td>145.340</td>
<td>-600</td>
<td>4Z</td>
<td>K6KAA 2</td>
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<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Mon</td>
<td>1930 hrs.</td>
<td>noted</td>
<td>smplx</td>
<td>na</td>
<td>noted 3</td>
</tr>
</tbody>
</table>

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 KK6QE; Santa Ana - 147.585 W6HHC

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Hollywood Hills
Torrance
Fullerton Hills
Palos Verdes
Pasadena
Fountain Valley
Santa Ana