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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXV NO. 6

P.O. BOX 3454, TUSTIN, CA 92682

JUNE, 1994

The Prez Sez

By Chris KJ6ZH

June means it's time for Field Day and this year will be a good one. The June meeting will feature our traditional program Field Days Past.

Also we will discuss final preparations for Field Day which is on the weekend of the 25th and 26th. We need every one to come out and help operate even if you can only stay for a short time.

Have you written to your Congressman to co-sponsor Ham Radio bills in Congress? Now would be a good time to do so while you are reading this. The address for your representatives can be found in the front of your phone book. Better yet, how about bringing 2 or 3 QSL cards with stamps to the June meeting and we can take 5 minutes to fill them out.

Newsline is in financial trouble! The club has sent a donation to help out but if you can spare a few bucks to keep this worthy service alive, I know they would appreciate it. I think we should pass the hat at the next meeting for donations.

Well that's all from here. See you at the meeting and at Field Day!

73 de Chris KJ6ZH
President OCARC



June Program:

FIELD DAY

— RF —

FIELD DAY GAME PLAN

Last year, we had some confusion as to setting up on Field Day. So I propose that we adhere to the following schedule and guidelines:

Place: MCAS Tustin in the corner of the Helicopter Base nearest Redhill and Barranca Ave.

Band Captains: 20/80 Phone - KJ6ZH
20/80 CW - N7AZ
15 Phone - W6HHC
15/40 CW - N6VDP
40 Phone - N6XTJ
Novice - WA6PFA
VHF/UHF - N6XTJ
Satellite - AB6KE

FRIDAY 6/24

Early afternoon, the port-a-potties will be delivered and we will need a crew to lay out the site and dig holes for towers.

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SATURDAY 6/25

6:00 Load towers and antennas on vehicle and move to site. Move generators and other equipment to site.

7:00 Assemble towers and antennas in following order: 10 m Novice
15 m Phone,
15 m CW,
20 m Phone,
20 m CW,
VHF/UHF.

Run power cable to operating positions. We need all participants to work on antennas and power until these are fully installed. (See Site Map Pg 4)

10:00 Complete the assembly of the operating stations. Issue logsheets and dupe sheets for non-computer logging. Set up PR booth.

11:00 Begin Contest Transmissions. NO STATION SHALL START CONTEST TRANSMISSIONS PRIOR TO 11:00 !!!!

5 - 6 PM Dinner.

SUNDAY 6/26

7:00 AM Breakfast.

11:00 AM Contest is Over. Go QRT. Begin tear down of stations, antennas and the site.

2 PM (Approx.) Field Day Photo. Move equipment back into storage. NEED People!

4 PM It's Miller Time!!!!

SPECIAL NOTES:

1. No more than 4 HF stations on at one time. Please do not begin transmitting on a new band until you check with KJ6ZH. KJ6ZH will monitor 146.550 (PL 100.0) simplex for site coordination.

2. **Contest Exchange** is call sign, class, and section. For us that will be **W6ZE 4A Orange Section.** WA6PFA for Novice station.

RF

FIELD DAY EQUIPMENT CHECKLIST

Shelter
Extension Cords
Lights
Pencils and scratch paper
Radio Equipment
Coax Cable
Computer
Surge protector
Power Supply
2 meter radio for site coordination
Antennas
Tools: Hammer, Screw drivers, wrenches, solder iron, solder, pliers, etc.
Volt-Ohm Meter
Ground Rod
Flash light
Refreshments
Jacket

RF

It's time for the California Classic again. This event will be at the same location this year, Ernie Howlett Park, in the City of Rolling Hills.

The dates and Events are:
Friday, August 12 - Dressage;
Saturday, August 13 - Marathon;
Sunday, August - 14 Obstacles.

If you are interested in participating call Bob, KD6XO, at 714 531-0926, for more details.

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Register now for the 1994 ARRL S.W. DIVISION CONVENTION SAN DIEGO, CA AUGUST 26 - 28, 1994 TOWN & COUNTRY CONVENTION CENTER

SITE: TOWN & COUNTRY HOTEL & CONVENTION CENTER 500 HOTEL CIRCLE NORTH, P.O. BOX 80090 SAN DIEGO, CA 92128.

PRE-REGISTRATION 12.00 EACH (MAY 16 - AUGUST 10, 1994)

REGISTRATION & AT DOOR 15.00 EACH (AUGUST 11 TO SHOW)

Friday Night Harbor Cruise 55.00 each (Bus, Dinner, Bar & Cruise) Saturday Night Banquet 35.00 each
Saturday Ladies Luncheon 21.00 each Sunday DX Breakfast 18.00 each

CHILDREN UNDER 16 FREE, MUST BE ACCOMPANIED BY AN ADULT PARKING IS \$3.00 AT TOWN & COUNTRY HOTEL.

FOR SALE

TEMPO S-1 HANDIE TALKIE,
CHARGER AND PL UNIT.
\$95.00

KENWOOD TH21-AT HANDIE
TALKIE, EXTRA BATTERIES,
CHARGER, CASE AND PL UNIT.
\$215.00

PACKET TNC, MFJ MODEL
1270 PACKET TNC WITH
POWER ADAPTER AND CABLES.
\$95.00

MACINTOSH POWERBOOK 100,
6MB, 40 MBHD.
\$950.00

ON ANY OF THE ABOVE ITEMS,
PLEASE CALL JACK, N6UC
714 544-5369

1994 Board of Directors

President Chris Breller KJ6ZH ... 310 866-2077
Vice President Jim Roberts N6XTJ
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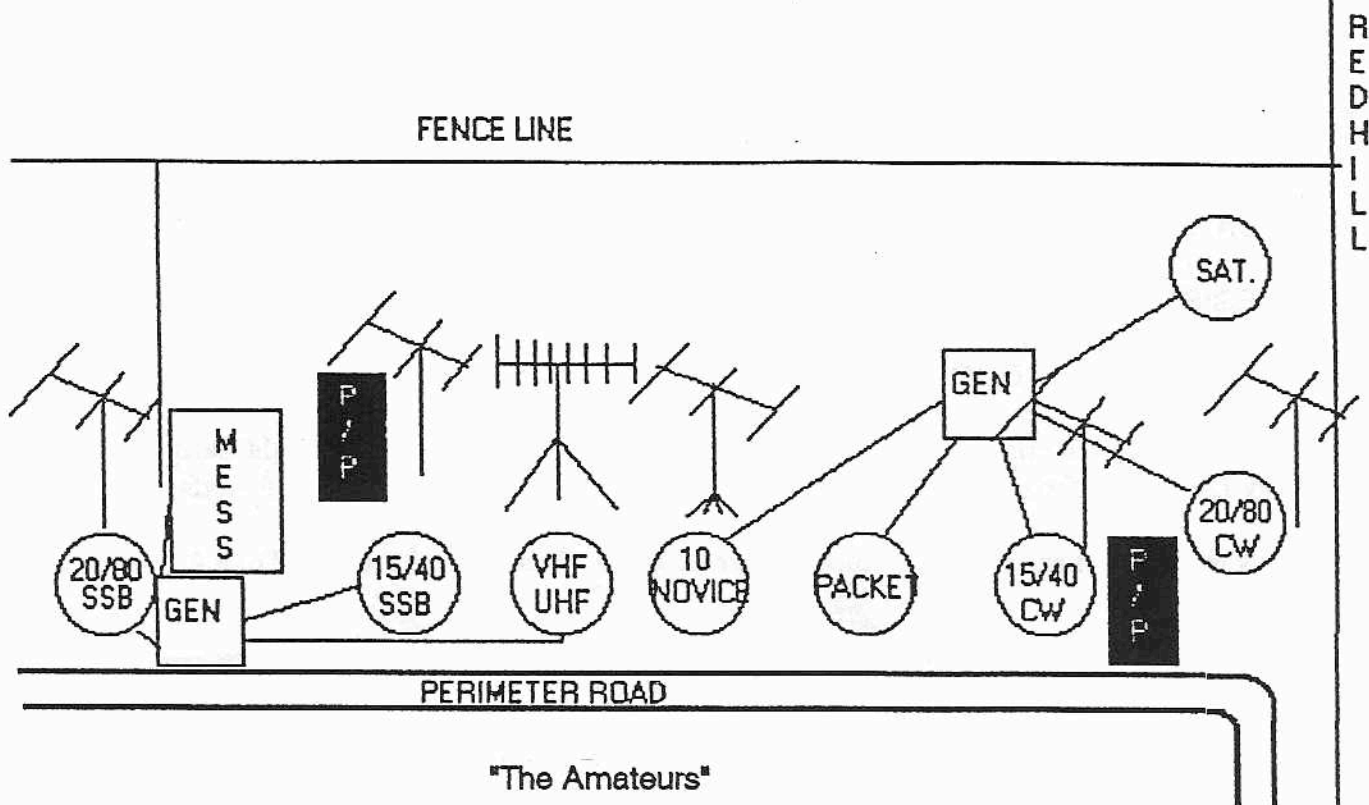
CLUB APPOINTMENTS

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.

OCARC FIELD DAY SITE MAP



There's something about them you've got to admire,
 They work for the love of the task, not for hire,
 Every one of them's blessed with the heart of a boy!
 While we to our regular schedules are keeping,
 The amateurs do without eating or sleeping.

They worry their wives—since so short is the day—
 They don't get to bed when they should, but they stay
 Sending calls on the air; catching calls from afar—
 And I think as I hear them how patient they are!
 How much better we'd work here if only we knew it
 In that amateur spirit of wanting to do it!

Professionals weary sometimes and they shirk,
 Since they're paid to perform they look on it as work,
 They begin with reluctance; they're glad when they're through—
 And they measure in money whatever they do;
 But the amateur never begrudges a minute;
 He goes to the job for the joy that is in it.

So here's to the amateurs—brave hearted throng—
 Though short be their waves, may their lives all be long
 May the wisdom they gain and the joys which they reap
 Make up for the nights when they go with out sleep
 And may we—in their spirit and deep understanding
 Of work and its joy—keep our amateur standing!

@ 1934 Edgar A. Guest

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NET NOTES

By BOB EVANS, WB6IXN

4/6 15m phone net - W6ZE/AF6C checks in XTJ, NG7D, & IXN. AF6C takes a couple days vacation over Easter to help out while his dad is recovering from a stroke. XTJ can barely hear OPs tonite..Too much QRN at the shack! Jim will wait for the 2m net! NG7D continues study for the General Radio-telephone License and tells OPs that VEs can give the exam! IXN gives location of the 4.8 event near Running Springs while monitoring a very nervous seismometer near Crystal Lake in the San Gabriels!

4/6 2m phone net - W6ZE/IXN checks in AF6C, NG7D, ZH & TAM, XTJ, JSV, RE, VDP, QW, BWH, VDV, ESD, & RND. On his mini-vacation, AF6C operates on the rig, finding a bad tube, a bad capacitor, &, an unsoldered wire in the oscillator circuit! So Bob sounded FB on 15m w/d the rig as steady as a rock! And VDP will check out the Swap Meet to see if he can find an extra tube for Bob's rig! NG7D gets more cards from the QSL Bureau, and John says New Zealand is coming in FB on 15m! TAM gets 3 more weeks vacation from her doctor, & ZH, el Presidente, says 80m is dead!..He couldn't even find the two OPs who discuss their appendix operations!..Hil And Chris enjoys having the harmonic out for a visit from Indiana! JSV & EZS wind thru rows of tomatoes, squash, lettuce, etc., cleaning up the garden. And they enjoy visitor, Steven, from Virginia, but not the snow, rain & floods he left behind him! Now EZS will investigate all the 'bells & whistles' on her new Whirlpool washer & dryer. BWH files in w/d an interesting Newslite, and files off to a traffic net. XTJ puts up a new 2m J-pole ant. for TCP/IP packet..Now for the crucial testing! RE engages a fence repair man, gives old fence wood to neighbor for the fireplace, and ends up w/d gout in his knee. IXN suggests that Alex watch eating red meat! Alex is unable to hear the low bands w/d bad DX condx. But RE reads pertinent ARRL bulletins concerning DX countries. VDP puts a 3/4 wave collapsible whip on the truck for the 2m/220 KW-621. The low SWR is great! WA6VDV checks in from Corona w/d a Radioshack HT. Dick has a 'ill white noise, but sigs are clean & readable! His ant. is a J-pole. ESD rivals EZS & JSV bending his back in the garden slaving over the Kentucky beans,

tomato, & green pepper plants! RND joins IXN on the prednisone trip! John has a rare type of pneumonia from which he has just recovered! RND now has 14 states w/d 32 contacts on the RS-12 satellite. John says nite & mornings passes are best, w/d little or no ionospheric interference! (Hmmm! Is that IQRN?!) And RND is 'champing at the bit' to be on his way to the Dayton Hamvention on Apr. 29! QW only needs 59 Counties for the WACI..But, alas, they come so painfully slow now! OPs know Rolf's frustrations as he tries to successfully install a CD ROM in the computer!

4/7 40m CW net - W6ZE/RND checks in IXN & NT. NT loses a horse to old age. IXN talks abt things seismic, and RND gets a new 5-band beam, and HF5B ant. Now John will try it out on the Russian RS-12 satellite! It will be interesting to see how it compares w/d NG7D's Butternut vertical!

4/13 15m phone net- W6ZE/AF6C checks in RND, NGO, IXN, VDP, & HHC. HHC motors over to W6ZE's QTH to show Bob his new wheels! RND plans to mount a Butternut 'Butterfly' and rotor, atop a wind-up tower, to better improve RS-12 reception. IXN hears RND better on the G5RV dipole better than the vertical ant. Other OPs hear John abt the same on both ants.! NGO jumps up quickly when he hears W6ZE's improved sigs! And Kel says his older Camarro will give Ken's 'new wheels' a gud race! Meantime, AF6C has visions of salvaging green trunk lids, hoods, etc. from HHC's new buggy...New auto parts, anyone!?? VDP asks abt Club's old Ten-Ten number. IXN can't find it, but W6ZE produces it from the Club's QSL card: # 18,000! And AF6C reveals the name of the secret contact oil that rejuvenated his rig: Army Oil!

4/13 2m phone net - W6ZE/IXN checks in NG7D, AF6C, BPX, ZH & TAM, XTJ, RE, VDP, QW, RND, & ESD. BPX measures 1/2" of rain in GG last Sat. And Wyatt & Blanche venture off to Vegas to witness a grandharmonic's marriage! While Wyatt still recovers from the trip, Blanche plans to plant tomatoes! NG7D still studies for the Commercial license, & IXN tells John to give him a landline after net to discuss potential VEs. W/d HHC still 'kicking back' at AF6C's QTH, OPs wonder if they will see Ken's 'new wheels' at Meeting Fri. eve.! AF6C tells OPs abt low band rig repairs. IXN invites OPs to join 'the crew' on 15m.! ZH checks in w/d TAM coughing in the background! Chris says Jane is a 'ill horse' w/d the laryngitis...Jane says, "No!..A ill

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Net Notes cont.

ponyl!" El Presidente reminds all abt Meeting Fri. And TAM is baking goodies & has already rounded up the raffle prizes! XTJ says Rick Fern, K6VE, will speak to us on packet setup & BBSs. And Jim has his Terminal Control Protocol Internet Protocol packet program (TCPIP) up and running! (after 'killing' many bugs in the program!) And KE gets XTJ a 9600 Baud modem! RE gets sum 'ill Brown Bombers' frm the doc, & they get rid of his gout thru the 'anal canal', says Alex one roll of TP later!! RE & XYL celebrate their 60th Anniversary tomorrow! Congrats! VDP may volunteer to run a Club 10m net!! And Larry says World Radio advertized QRP rig kits by Ten Tec! VDP says 6m am rigs are available cheap at the swapmeets! QW busies himself constructing a small packet board, since county hunting isn't very productive now! And Rolf will venture off to Big Bear this weekend to bring back a tower fer RND! RND will mount a 5 band Butterfly antenna atop the tower in an attempt to work more states on the RS-12 satellite! ESD outdoes himself, getting his taxes in one week before usual (deadline!). But taxes doesn't keep Bob frm dancing 4 times last week, & they are not stopping the garden projects either!

4/14 40m CW net - W6ZE/RND checks in IXN & NT. IXN busies himself working on ULF files to see if they might contain seismic data. RND finishes painting the patio. And between Ray's hoeing & his weed-eating horses, NT has the 'back forty' pretty well under control!

4/20 15m phone net - W6ZE/AF6C checks in IXN, VDP, RND, & ZH. IXN tells OPs abt the ULF computer program from the northern CA. Public Seismic Network. And W6ZE prepares QSL cards fer all OPs who check in on the 15m net. RND relaxes after din-din and joins us slightly later on the net. John now gets his QSLs done on a laser printer in a stationery store. RND contemplates erection of a new tower and completing a bunch of gigs this week! VDP toys wid the idea of a 220 MHz tuned ant. circuit, and ZH gets QSL cards ready fer DXCC on 40m SSB & CW.

4/20 2m phone net - BPX & Blanche try their hand at plumbing as they tackle leaking water faucets used to water the 'back 40'! And just one year behind Wyatt & Blanche, RE & XYL celebrate their 60th wedding anniversary! Alex has a busy week wid the wheel chair patients, and handles 15 messages fer Marine Corp MARS. RE has a rough time getting ARRL Bulletins wid the bad propagation..But we OPs tnx Alex fer his efforts!

BWH keeps a wary eye on the garden, making sure the crops do better than the weeds! Bob airs a vy interesting Newsline, finishes taxes off 15 min. before deadline, & waits fer the rain this weekend! NG7D & QW report that John's construction article on the TWO-FER QRP rig was published in the present issue of 'Hambrew' mag. Now the editor tells John that he's doing a write-up for John's 2nd QRP rig, the ONE-DER, a 1 watt rig! John also gets S. Dakota (W0IT) thru the RS-12 satellite. TAM kicks back reading a book, as Chris continues work on the 40M QSL cards fer CW DXCC, which makes IBR vy happy! But Chris laments the vy bad propogation on the HF freqs.! IXN moves ESD to Garden Grove, but Bob moves himself back to Costa Mesa when he reports into net! Bob listens to Newsline and comments that he thinks state & local interference in amateur regulations is 'a bunch of bunk'!..(a sentiment of many OPs!) QW brings the MS-40 U.S. Tower dwn to RND's QTH last Sun. Now RND must pour a concrete pad to mount the tower. And OPs warn John not to pour the pad around a ground rod, avoiding a lightning hazard! More on RND's struggles wid 'Butterflies up 40 Ft.' in Chapt. 2 at a later date! W6ZE skips over VDP's turn, but apologetically picks up Larry at net's end! Larry sees a problem developing wid repeater control of frequencies and present regulations as outlined in Part 97!

OPs agree! OPI, after successes in Red Cross operations in the Northridge E.Q., contemplates a Red Cross offer to go back to the midwest fer flood disaster operations! ONZ & the harmonics will miss you, Cindy! Wid DX lousy due to poor propogation, and Counties coming in next to nothing, Rolf & XYL plan a trip to Spokane, WA., to visit family. QW will be hamming mobile, ofcourse! XTJ busies himself wid work and bicycling activities, having pretty much decided that TCPIP is much over-rated in its present form! RND goes hamming in the dentist office. Taking his chrome-plated paddle to the dentist wid him, will John be able to persuade his OP dentist to give him chrome plated caps & fillings! More later in 'Butterflies up 40 Ft.'!

4/21 40m CW net - W6ZE/RND checks in IXN, NG7D & NT. Bob talks abt the 4.4 event in Coalinga earlier today, and, finishes Net News notes fer the 15 & 2m nets. RND receives a QSL card & list of RS-12 orbits frm OWD, Tim. NG7D finds answers to questions for the General Radiotelephone exam are now easier to remember! NG7D says that RND may hve a bad audio amplifier chip causing the weak audio in the HF rig. And John is on the 850, not QRP tonite! IXN hopes that NT and all the 'animules' aren't washed off the Hill in the heavy rains forecast for the weekend! Ray gives ZE & IXN 579s and NG7D a 599 fer sig rpts tonite. IXN hears all OPs 599!

4/27 15m phone net - W6ZE/AF6C checks in NGO, IXN, &

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Net Notes cont.

RND. All OPs watch funeral proceedings for former Pres. Nixon in Yorba Linda. AF6C asks NGO how the 'one wheel' tractor is doing, as Kei listens to the rain falling on the roof of the QTH. IXN plays w/d Ultra Low Freq. data, looking for any seismic clues that might be hidden in it! RND has a gud spaghetti dinner, watches a no-hitter Twins-Brewers game on TV, & then joins us on the net. RND says site location for FD at the Marine base in Tustin may be changed. And John will fly off to the Dayton Hamvention this weekend! AF6C tells OPs abt the WAJA award; worked all JA Prefectures, abt 47 prefectures in all

4/27 2m phone net - W6ZE/IXN checks in ZH & TAM, ESD, NG7D, XTJ, RE, RND, VDP, BWH, & AF6C. TAM quickly grounds all ants. during Mother Nature's electrical display! And 'CQ' displays his dislike of thunder & lightning! And Chris gets the QSLs off to ARRL for the DXCC, and goes to Jury Duty, while Jane prepares for a cruise to the Bahamas! Bad band condx. keeps ESD off the air, so Bob kicks bk and wateches the beans, peppers & tomatoes shoot up in the rain! NG7D attempts to eves-drop on Nixon funeral communications, but can't find them on the scanner. John shud take the General Radiotelephone exam in 2 or 3 weeks! Wid a hectic week at work, bicycle race officiating, and 2 more races this weekend, XTJ attempts to plan his sched. to include the VHF Conference Banquet this weekend! IXN asks BWH abt last week adventures...Bob retorts, "No news is gud news!" Then BWH airs an interesting Newsline, in which a proposal for Canadian hams to assume all duties and regulatory functions of the Canadian Govt. will be considered in the next year!...Most interesting! RE & IXN get their lawns mowed just before the rains on Mon. RE announces the need of OP volunteers for the upcoming Diabetes Bikeathon on May 14. And from the ARRL Bulletins, Alex alerts OPs abt the new Orange Section Award, given to the FD station showing most improvement in its FD scores over preceding years! VDP announces 2 changes in the FD rules for 1994! 1. Novice/Tech. stations are limited to the novice frequencies. 2. No operation in the WARC bands anymore. And Larry says W6ZE will probably operate Class 4A for FD. VDP says KE OKs the FD site, and that there were a couple of 6m openings (Utah, TX, etc.) last week! In chapt. 2 of 'Butterflies up 40 Ft.', we find RND and a neighbor completing the concrete base in the patio for the 40 ft. tower. Now John will rise much higher than that as he streaks off for the

Dayton Hamvention this weekend! And, how many calls will RND log in April? More on this continuing saga later!

4/28 40m CW net - W6ZE/RND checks in IXN, NT, KN6YD, & NG7D. RND tells YD in Fresno that he has FB sigs tonite. And RND & NT work the Contest wid RND garnering the higher score according to QST! IXN calls RND before net & tells John that YD shud be checking into net. And Bob wishes RND a gud trip bk to the Dayton Hamvention this weekend. NG7D isn't doing much hamming these days in preparation for a license exam. John asks RND to look out for 100 pfd caps, variable, for his QRP projects. NT gives all OPs gud sig reports.

5/4 15m phone net - W6ZE/AF6C checks in VDP, NGO, NG7D, IXN, VFC, RND, & ZH. AF6C has been sending Club QSL cards to all check-ins on the 15m net. And VDP confirms the Club's Ten-Ten number as 18000. Kei puts a new gasket on the fuel bowl of the lawn tractor and spends abt 3 hours doing lawn work. NG7D has been trying to get a Club QSL card since 1977! IXN welcomes John to 'the world of plastic parts' when NG7D relates the sad tale of a broken power switch on the TV! IXN alerts OPs of the Annular Solar Eclipse on the morn of May 10. Chapt. 3 of 'Butterflies up 40 Ft.' finds RND in Dayton, OH, for the Hamvention. Wid chattering teeth, after 2 days in the freezing cold, RND & friend scrape ice from the windshield before returning to the airport on Mon. morning! (cont'd. on 2m net) VFC can't hear anyone tonite! Dennis uses VDP as a relay. And ZH catches up on QSLing wid the present poor VHF band condx! Chris reminds OPs of Club Bfast on Sat.

5/4 2m phone net - W6ZE/IXN checks in ZH & TAM, RE, NG7D, RND, VDP, QW, VFC, BPX, PFA, GOS, BWH, & ESD. BPX constructs an orange picker for the grand harmonic's BD. Now Wyatt awaits some big, delicious oranges in return! TAM's gentle 'Hi' floats in over ZH's OP alert for the Club Bfast Sat. morn. And Jane says the Club QSL card is in the shack somewhere! RE has bushels of narcissus bulbs for anybody that wants 'em! Alex has trouble copying ARRL bulletins wid the poor VHF propagation, but busies himself wid Navy Marine Corps MARS traffic. He & BWH work NTS later this evening. And BWH sends an ARL 46 to RE on his Cinco de Mayo BDI! And Bob airs an interesting Newsline, keeping us abreast of the on-going VE scandal! Continuing wid 'Butterflies up 40 Ft.', VDP gives us further info. abt the Dayton Hamvention. John didn't care abt 'rolling up the sidewalks' every day at 5 pml! Not enuf time to get arnd & see everthing! Each registrant received a beautiful, well organized book, which RND said shud hve been shipped at time of enrollment! Cold rain & freezing temps. dampened

Net Notes cont.

interest in the huge, huge flea market! John attends 2 lectures, joins AMSAT, and gets sum gud satellite-tracking & other software! VDP attends the W. Coast UHF/VHF convention last weekend, hearing interesting talks on early radio, antennas, etc. Larry thinks the Dayton Hamvention cut into their attendance. IXN asks Larry if the Constitution re-write was accepted. "Affirmative", retorts Larry! QW gets bk frm the trip to Spokane, WA. Rolf was completely impressed wid the beauty and presently plans to make the area his future home! Rolf still needs 55 countries to complete

Worked-All-Counties! VFC told QW that he wud like Spokane. PFA amuses himself wid a computer flight simulator game, and VDP explains to Tom the elimination of the WARC bands fer FD. ESD watches a video tape fer 2 hours & checks into net later.

5/5 40m CW net - W6ZE/RND checks in IXN, NG7D, and NT. NG7D calls IXN landline earlier to tell Bob abt upcoming plans fer the general radio exam. RND landlines IXN and asks Bob to handle net until John finishes a steak dinner! IXN leaves net fer 'Code Is a Joke Net', so we don't hear what's happening on the Hill wid NT & the 'livestock'!

5/11 15m phone net - W6ZE/AF6C checks in IXN, RND, VDP, NGO, & HHC. HHC is in AF6C's shack tonite and Bob, AF6C and VDP discuss weighing and modifications to the new Club trailer to be used for antenna storage & transportation to FD sites. RND and Orange emergency group visit the Orange County EOC near the end of Santiago canyon. And IXN works wid ULF data looking fer seismic clues. VDP garners Oklah. in a 6m opening today! And VDP, KE & JPG meet over lunch today. And Larry gets his 'Peter 1 Is. QSL card today! NGO plays wid hydraulic pump repairs on the tractor. And Kel & AF6C discuss the base of the 15m Club ant. HHC listens to RND's EOC discussion wid interest, and Ken acts as temp. NC fer a couple of OPs., saying that the trailer is in the 1500 lb. + class.

5/11 2m phone net - W6ZE/IXN checks in BPX, VDP, RND, RE, BWH, NG7D, ESD, KB6TWA, and QW. Blanche & Wyatt, BPX, dine at the Salt & Pepper restaurant over the weekend, and Wyatt repairs sum leaky faucets in the garage. VDP says 6m band opened at 7:00 am today. And Larry says the Club trailer weighs in at 1760 lb. wid almost 300 lb on the tongue! Frames fer the

towers will go on the trailer next week. Another axle is being considered, and the present axle may have to be moved! In 'Butterflies up 40 ft.', we find RND assembling the Butternut ant., adding extra ceramic braces to re-enforce weak points against the SA winds. Rotors & cable have been added to the tower, and now, John looks fer a piece of co-ax to lengthen the feedline. In the meantime, RND moves his guitar 'to and fro' over the local area playing gigs! BWH successfully tests a new audio input, obtained frm XTJ, fer Newsline. All OPs hear Newsline armchair copy!...including the name of the dog on the old RCA record label..Nipper!! RE & XYL attend a Civil War band concert at Orange Coast College on Mother's Day, wid dinner afterwards. RE tells us that 2390-2400 MHz, and 4660-4685 MHz are up for immediate re-allocation to the private sector! If your operations are affected, the comment deadline is June 15! NG7D plans to take the General Radiotelephone license exam May 27. And IXN tells John to call the reference section of the SA Library to get the address of Newark Electronics. John also tells OPs that solar storms hve little effect on RS-12 communications! NG7D worked VA & TX last Sat. wid a 13-state total so far! ESD remembers the Newark Electronics 'Big Bash' around Christmas time each year in the Chicago area at the Blackstone Hotel! And Bob tells NG7D his Gen. Radiotel. license will be gud fer life! TWA, Charles, has been licensed since '87, operating VHF/UHF. QW's computer goes 'sour', & Rolf makes arrangements to get the payroll out! Rolf gets another County, bringing the total left to 50!

5/12 40m CW net-W6ZE/RND checks in IXN & NT. RND moves further dwn the band & sum of you may hve missed us! We avoided the QRM at our usual spot! IXN's sigs hve a 'DX ring' to them tonite. NT hears all OPs armchair copy, but Ray's family walks in from work so now it's time fer din-din! IXN & RND aren't much fer hockey games, but every once in a while, a fast championship game hold their attention! RND picks up sum steel screws & adds five braces to the 'Butterfly Up Forty Feet'! John feels that the Butterfly ant. can't 'fly' in the SA winds widout the additional bracing!

5/18 15m phone net - W6ZE/AF6C checks in IXN, RND, VDP, and NGO. IXN tells AF6C he has AC ripple on his audio. Bob fools wid a BFO tube and all is well! In the last episode of 'Butterflies up 40 Ft.', we find RND attaching the RG8-U to the ant., and wondering abt stand-offs to support the co-ax to keep the weight off the 'Butterflies'! And John now prepares to watch the D-Day ceremonies frm Europe on TV come June 6! IXN tells OPs to watch old style gel filter capacitors fer high power factor after they are 10 yrs. old! The gel dries out from heat,

Net Notes Cont.

causing the power factor to rise! VDP works a VE7 during net! And Larry tells OPs abt Gordon West article stating that Radio Shack stores now post ham radio club activities! NGO 'excites powerline noise' at ZE's QTH..Hil Ed. note:(Kel didn't mention modulation frm the on-wheel tractor!) And Kel works a 20m opening 'across the puddle' to JA land! But wid no brakes on the pickup, NGO finds the brake fluid reservoir empty. Now to bleed the brake lines of air!

5/18 2m phone net - W6ZE/IXN checks in ZH & TAM, VDP, RE, RND, QW, AZ, ESD, BWH, & CGR. IXN asks ZH abt IBR & IBP. IBP is well, but IBR is experiencing stomach pains. Now fer an MRI to determine Al's problem! TAM is looking fer work since Docs say she's OK now. And Jane has raffle prizes already fer Fri. meeting! VDP hears Corpus Christi fer 30 secs. on 6m today! And Larry works New Mexico near La Paz, to get a new grid square. RE, a former alto sax & B-flat clarinet player, enjoys a sax & clarinet player's concert at O. C. Collegel And Alex airs latest ARRL Bulletins. BWH, finishing a late supper, joins us on the net. Airing an interesting Newsline, Bob then tells us that he will try a dual input into his tape player patch to make airing Newsline much easier! "Work, work, work!", says QW, as Rolf manages time to bring the WACounties down to 43 left! And Rolf finds the new Washington state ant. legislation, mentioned in Newsline, vy interesting!! AZ, mounting most of the ant. racks on the Club trailer, says we need a license plate fer the trailer. The trailer is now usable! Bob will eyeball wid us at Fri. meeting. ESD's 'Jack-in-the-beanstalks', hving reached the tops of their poles, are abt to double back on themselves. And Bob gamers a QSL card frm Peter One Island! CGR takes the HF rig to the 'radio docs', prepares to celebrate the harmonic's 2nd BD, and congrats to Mike's XYL on passing her no-code tech licensel IXN misses RND in a double! But John gets thru and asks OPs if anyone has gud ideas fer stand-off insulators fer RG-8U coax. John shud put the new tower/ant. installation on the air next week!

5/19 40m CW net - W6ZE/RND checks in IXN & NT - IXN's 599 sigs 'blow John's ears off!' RND gets the 'Butternut up 30 ft' and makes a 20m contact! ZE & IXN don't hear NT on his 1st try at check-in!..Ray is 2 Kcs high. NG7D is probably hitting the books wid his test scheduled in less than 2 wks! RND has to maneuver the Butternut by the 40m dipole on the way up! NT's family gets

home frm work, IXN goes to another net, & RND saunters off to the restaurant fer sum take-out food!

5/25 15m phone net - W6ZE/AF6C checks in NGO, RND, IXN, VDP & ZH. IXN tells NGO his audio is greatly improved. Kel is on the 440 since the 950 is ailing! NGO looks fer a certified welder to do the welding of another axle on the Club trailer. AF6C says Jim 'Beem?' is a gud welder. RND's sigs are improved wid the 'Butterfly up 30 ft.'! And John works 4 military stations over last weekend, getting his 1st QSL frm the Navy in San Diego today! ZH gets 3Y0PI, and, Taiwan QSL cards in the mail, and Chris works a lil packet while waiting fer net. IXN asks OPs if they felt the lil 4.5 EQ this morning..nothing felt..only IXN! VDP works 6 new states on 6m, among them, MI, MN, & TX. And Larry garners 10 military stations over last weekend!

5/25 2m phone net - W6ZE/IXN checks in BPX, ZH & TAM, NG7D, RE, BWH, RND, VDP, QW, HHC, & AF6C. RE hears AF6C in a double check-in, which ZE misses! Tnx, Alex! BPX & Blanche get the QTH painted and the yard cleaned up. Wyatt misses net last week wid the bum left leg! ZH & TAM will know more abt IBR's condx when they visit Al & Dotty next weekend. TAM watches TV & is still looking fer work! Chris awaits the CW & 40m DXCC award, plus phone & mixed updates! ZH says there are 326 DXCC countries on the list at present! NG7D monitors 15m net tonite & hears all OPs well! W3PA gives John a new formula fer RS-12 satellite passes! (Let us know how it works!) NG7D is slated fer jury duty come summer, works a 1/2 doz. states on the RS-12 last week, & was in Vegas during last net! BWH tries out the new audio patch for Newsline wid magnificent success!..Newsline now sounds very professional on the net!! Tnx, Bob! RE hears Newsline well, reports 16 new operations approved fer DXCC, covering a period frm 1991-1993. 3Y0PI was approved as of 1/29/94. RVS is home, his ant. system is wrecked! RND will make sum changes on the dipole ant. John tnx RE fer ARRL Bulletins, & BWH fer Newslinel VDP reminds all OPs that FD is only 1 month away!! Larry works 10 military stations on 20m, El Toro on 40m, & NAV-8 in Hawaii! QW works KS & TX on 6m, and gets his 3Y0PI QSL card. And Rolf will take off fer a visit to Germany right after FD!

RF

EDITOR'S NOTE. Sorry about missing the May Issue of the RF. I had been released from DR 290 (Northridge Earthquake) on May 7 and had been very busy. You got a double treat on the Net Notes. April and May Net Notes are both together in this issue.

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

JUNE 17
JULY 15
AUGUST 19

GENERAL MEETING IS THE 3RD 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 2nd set of railroad tracks.
A big antenna is in front of building with a red light on top.
Major Streets: Vermont & Anaheim Blvd.

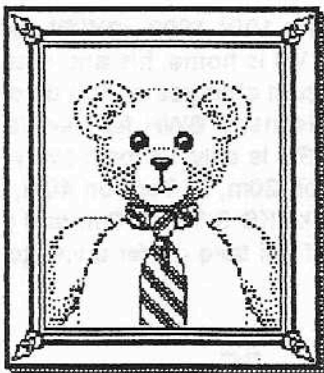
BOARD BREAKFAST

JULY 2
AUGUST 7
SEPTEMBER 4

BOARD MEETING IS THE 1ST SATURDAY OF EACH MONTH AT 8:00 AM.
Denny's Restaurant -- Members & Visitors are welcome.
2314 E. 17th Street, Santa Ana, CA (714) 543-0872
Exit the 55 freeway at 17th Street, go west. On south side of the street.

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