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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXI NO. 2

P.O. BOX 3454, TUSTIN, CA 92681

FEBRUARY 1990

COME HEAR ABOUT

"REPEATERS AND ADVANCED REMOTE BASE STATIONS"

BY DAVE CORSIGLIA - WA6TWF

AT THE NEXT OCARC MEETING - FEB 16, 1990

The program for the next meeting of the O.C.A.R.C. will feature Dave Corsiglia/WA6TWF, Anaheim who will put on a slide show and demonstration describing the capabilities of advanced remote base stations systems he has built. Dave has six different remote base station systems installed in the Los Angeles basin area to allow control of low band operation via hand held rigs via repeaters. The demonstration that is planned will use 440 Mhz from the club meeting thru a repeater on Santiago Peak to his low band station at home in Anaheim to operate 20 meters.

The meeting begins at 7:30 PM on Friday, February 16, 1990. Contact Program Chairman, Ken/W6HHC, at 541-6249 for more information.

LOOKING FOR A CLUB TO JOIN ???

The Orange County Amateur Radio Club would like to extend a welcome to all that have an interest in Amateur Radio, to join our organization. Dues are only \$12.00 a year. If interested, see the Treasurer, Bob, AF6C, at the next meeting. Information on the club can be obtained by writing to us in care of the post office box listed above.

YOUR 1990 DUES ARE DUE.
PAY BY MAIL OR MEETING
TO BOB ECKWEILER (AF6C)

CLUB BOARD OF DIRECTORS

President	Chris Breller	KJ6ZH	213-866-2077
Vice President	Ken Konechy	W6HHC	541-6249
Secretary	Bob Tegel	KD6XD	531-0926
Treasurer	Bob Eckweiler	AF6C	639-5074
Activities	John Meacham.....	KJ6TK	842-4702
Refreshments	Jane Breller	nDne	213-866-2077
Membership	Tom Thomas	WA6PFA	771-2917
Public Relations	Mark Stanford	KJ6JC	991-7398
T.V.I. Chairman	OPEN		
Member at Large	Frank Smith	WA6VKZ	
Member at Large	John Roberts	WA6LAB	540-7368

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Act.) ..	Mark Stanford	KJ6JC	991-7398

CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:
MERCURY SAVINGS & LOAN TUSTIN, CA.
Feb 16th 1095 Irvine Blvd. (4th St. becomes Irvine)
Talk-in on 146.55 MHz
Mar 16th (Take the 4th St. exit of the 55 FREEWAY
Apr 20th and head east. Continue about two blocks
past Newport Blvd. It's on the left.)

CLUB BREAKFAST: 1st. Saturday of each month, 8:00AM at:
DENNY'S RESTURANT
Mar 3rd 2314 E. 17TH Street
Santa Ana, CA. (714) 543-0872
Apr 7th (Second building west of the Newport (55) Freeway)

CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2100 hrs.	146.550	smplx	na	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	smplx	na	KD6XD
15 Meters	CW	Thu	2000 hrs.	21.175*	smplx	na	WB6IXN

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

ARES DISTRICT NETS

2 Meters	FM	Mon	1900 hrs.	146.220	-600	1A	N6HQI	1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	WA6VKZ	2
2 Meters	FM	Mon	1930 hrs.	noted	smplx	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: 146.565, N6OWF; Tustin: 146.505, WA6VKZ; Santa Ana: 147.585, W6HHC

Well it's a new decade for the club and I hope all of you had a good holiday season. I didn't get that new FT-1000 for XMAS but maybe next year. In your travels around, keep an eye open for a good field day site for this year. Let me know if you have any ideas in mind for a FD location. Looks like we are off to a good year. At the breakfast a lot of good ideas for programs and activities were discussed. Again, let me know what you want to see for programs and activities.

73 and see you at the meeting this Friday!

Chris -- KJ6ZH

*****FEBRUARY BOARD MINUTES*****

The February Board Meeting was held at Denny's restaurant on Feb. 3, 1990. Meeting was called to order at 8:50 A.M. Officers present were: KJ6ZH, W6HHC, AF6C, WA6VKZ, and WA6PFA. The treasurer 's audit was completed on Jan. 31st. No discrepancies were found. P.O. box and liability insurance have been paid to date. The club has \$167.23 in checking account and \$851.72 in the savings account. Field Day sites were discussed. Possible sites include Orange Hill Restaurant (W6COJ to advise by club meeting), Camp Pendleton (WA6VKZ to check this out), El Toro MCAS, Los Alimitos Naval Air Station, Yorba Linda Regional Park, Tri-City Park, and Prospect Park in Tustin. It was suggested that a basic letter be written and once approved by the club, be sent to the Mayors of local cities to locate other possible sites. W6PFA to contact W6IXN regarding interface with Orange County Astronomy Club for O.C. Fair project. No new business was discussed. Meeting adjourned at 9:10 A.M.

QST DE W1AW
PROPAGATION FORECAST BULLETIN 6 ARLP006
FROM ARRL HEADQUARTERS
NEWINGTON CT FEBRUARY 5, 1990
TO ALL RADIO AMATEURS

WHETHER IT IS SIGNIFICANT OR NOT, THE DAILY SOLAR FLUX AS GIVEN BY WWV HAS BEEN MORE LIKE THE SAME DATA FOR LAST MONTH THAN WE HAVE SEEN IN SOME TIME. NOW THE SOLAR FLUX IS DOWN TO 160, ITS LOWEST FOR MONTHS. VISUAL OBSERVATION OF THE SUN YIELDED THE SMALLEST NUMBER OF SPOTS IN A LONG TIME, BUT RADIO PROPAGATION WAS STILL GENERALLY GOOD. A SOLAR FLUX OF 160 IS NOT BAD, THOUGH IF THE DOWNSLIDE CONTINUES MUCH FARTHER THE USEFULNESS OF THE 10 METER BAND FOR DX MIGHT BRIEFLY SUFFER.

THE EASTERN HALF OF THE SUN WAS DEVOID OF SPOTS ON SUNDAY, BUT NEW ACTIVITY SHOULD BE SHOWING EARLY THIS WEEK. IF THIS HAPPENS IN A RUSH, WE MIGHT HAVE DEGRADED CONDITIONS ON PATHS TRAVERSING THE HIGHER LATITUDES. LOW LATITUDE AND TRANSEQUATORIAL CIRCUITS SHOULD NOT BE AFFECTED APPRECIATIVELY UNLESS THE INCREASE IS OF UNUSUAL PROPORTIONS.

AS THE RISE IS GRADUAL, PROPAGATION SHOULD BE GENERALLY GOOD FOR ALL LATITUDES AND THE MUF MAY RISE SUFFICIENTLY FOR THE 6 METER BAND TO BE OPEN FOR DX AGAIN.

AMERICAN SUNSPOT NUMBERS FOR JANUARY 25 THROUGH 31 WERE BETWEEN 144 AND 162 WITH A MEAN OF 155.

MINUTES OF
OCARC MEETING OF 1/19/90

- * ALL OFFICERS WERE PRESENT EXCEPT BOB/KD6XO.
- * MARK/KJ6JC, THE 1989 TREASURER, REPORTED THAT THE AUDIT OF THE CLUBS TREASURY BOOKS, WAS SCHEDULED FOR 1/24/90.
- * THE SPEAKER FOR THE EVENING WAS CLUB MEMBER, TIM GOEPPINGER - WB6OWD, WHO SPOKE ABOUT EARTHQUAKE PREDICTIONS. TIM SPOKE ABOUT RADIO LINKED SEISMOMETERS IN SOUTHERN CALIFORNIA, AND THE "PRE-CURSOR" NET THAT MEETS ON THE W6FNX/R REPEATER, 145.46-. THAT MEETS EACH WEDNESDAY EVENING AT 10:30 PM, LOCAL TIME. IN ADDITION TO SETTING UP HIS OWN HOME-BREW SEISMOMETER FOR THE PRESENTATION, TIM DESCRIBED THE CORRELATIONS HE HAS OBSERVED BETWEEN LOCAL EARTHQUAKES AND THE NEWSPAPER REPORTS OF LOST ANIMALS.
- * OUR MEMBERSHIP CHAIRMAN, TOM/WA6PFA, INTRODUCED TWO NEW MEMBERS:
 - JIM PRUITT - N6NWV - SANTA ANA
 - JOHN MILES - (HASN'T RCVD CALL YET) - ORANGE

WE HAD 28 PEOPLE PRESENT AT THE MEETING, INCLUDING THE FOLLOWING FOUR VISITORS:

- GEORGE THOMPSON - N6WJZ - ORANGE
- JAMES BARBA - (NO CALL) - LAGUNA HILLS
- MARILYN FIRMAN - (NO CALL) - SANTA ANA
- GEORGE FIRMAN - (NO CALL) - SANTA ANA

- * JIM/N6JSV REPORTED THAT OUR RECENT VISITOR FROM ENGLAND, LEW G4BHQ, WILL BE LISTENING DAILY FOR ANY OCARC MEMBERS ON 28.357 FROM 1700 TO 1900 ZULU.
- * PRESIDENT, CHRIS/KJ6ZH, REPORTED THAT THE OCARC HAS AN OPENING ON THE BOARD FOR THE POSITION OF "TVI CHAIRMAN". ANY MEMBER WILLING TO HELP OUT SHOULD CONTACT CHRIS.

MANNED HAM RADIO RETURNING TO SPACE IN 1990

Manned amateur radio operations from earth orbit will resume in 1990 with two missions now approved by NASA. The first of these is scheduled to begin on April 26 when Astronaut Ron Parise, WA4SIR will take 2 meter FM voice and packet into space as part of mission STS-35. If all goes as expected, the commencement of his operation from the orbiter could coincide with the opening of the 1990 Dayton Hamvention(tm) although no effort is underway at this time to link the two events.

*** ON THE NETS ***

1/3 2m phone net - W6ZE/IXN checks in BPX,ZH,JSV,RE,YZG,VPP,DLA,TK, & ULU(wid the flu)! ULU passes Coast Guard Aux. test wid an A+! BPX refuses flu shot, gets avocado trees trimmed for a gud price, & gets trap replaced on bathtub drain. ZH & nØne recuperate frm the Holidays, & rejoice in the short work-week! IXN & Chris discuss the swarm of small EQs along the San Jacinto Fault near Borrego, San Bern. & Palm Springs. RE flips to & fro amongst the football games on NY Day; & the 'Red Onion' blood drive is a flop; & Alex asks IXN abt Jupiter's position as he readies 'Newsline' tapes. YZG had to wean the dogs off 'people food' after the Holidays! And Lu & Chris discuss the upcoming Club breakfast this Sat. morn. YZG also asks JSV abt the upcoming AMA meeting(aviation). JSV & EZS cut up the Xmas tree, pour H₂SO₄ down the kitchen sink, & Jim ventures under the QTH to see if the acid ate up the pipes! All OPs override QRM at VVP's QTH! Bud will have a tree removed & one trimmed fer \$140! DLA will ferget QTH maintenance: dishwashers, washing machines, leaking toilets...as he tours arnd So. Ca. wid his sister! TK gives the old IBM PC to the harmonic after Santa upgrades John's computing capabilities! 1/17 2m phone net- W6ZE/IXN checks in BPX,UJD,PFA,RE,ZH,JSV,VPP,DLA,NG7D,HHC,LAB,YZG, & AF6C!...fine check-in, OPs! The rain gods shower 'BPX-Land' wid rain fer Wyatt's upcoming 84th BD! RE gets bk frm a Rec Cross communications meet, & plays the 'Newsline tapes'. UJD discovers the additional work of QSL cards as he DXes wid the new beam on 20m. PFA measures 3" of rain frm 1st storm, & 3/4" frm the 2nd...& mails out 94 'RF's! Tom also hears the 'Bouvay Isle' pileup on 10m, but will NOT receive one of the FCC greetings, mentioned on Newsline, fer improper mode operation. The rains 'free' ZH's rotor...Chris will now apply alternative lubrication..will nØne climb the tower?! HHC announces that Tim, WB6OWD, will present the meeting program on the 'Seismic Precursor Net'. JSV announces new novice, John Miles, will attend meeting & join Club..congrats on new ticket, John! VPP & XYL stay in-out of the rain, recuperate frm colds, & listen to the thunder! DLA wrks the net frm his chilly auto. He & IXN's roofs both pass the 'leaking' test! NG7D links the TM-231 to the Butternut, gets FB rpts frm the OPs, talks to Vic,RNA, mobile, & wrks some QRP. AF6C feels sharp jolt, 3.5 EQ, near Compton, arnd 3:27 pm today...& announces that an official audit of the books needs to be completed. See you at meeting! 1/24 15m phone net- XO busy..net informal. IXN & ULU discuss code practice fer a Tech OP who wants to upgrade. 1/24 2m phone net- W6ZE/IXN checks in VKZ/m,BPX,RE,NG7D,CEA(gordon),VPP,DLA,ZH,AF6C,HHC,TK. BPX has a FB BD party last Sun., & may soon be sporting a new hearing aid. VKZ checks in frm the 5 Frwy & reads us dwn to the El Toro 'Y'! RE announces responsibilities of some of the new ARRL Board of Directors; ARRL dues will increase \$5/yr; national HAMCON '92 will be in LA; RE plays 'Newsline' tapes, & asks OPs interested in working BSA Food Drive to contact Gene Thorp, WB6CMO on 145.40. NG7D sends out 125 QSL cards & repairs Butternut ant. We welcome Gordon,N6CEA, to the net, after eyeballs at last meeting! VPP suffers QRN at the shack & has difficulty hearing everone. DLA replaces leaking, cracked commode in the harmonic's bathroom. And CPA UJD hosts AF6C & the finance crew to clear the Club books! We thank HHC fer arranging WB6OWD's interesting talk on the Seismic Precursor Net, & seismology, at last meeting. And TK announces SCDC meeting on Sat. at 11:30 am, just north of TRW Swapmeet, at ? JHS! ZH hasn't persuaded nØne to climb the tower to lubricate the rotor as yet! 1/31 2m phone net- W6ZE/IXN checks in BPX,ZH,JSV,PFA,NG7D,AF6C,RE,YZG,VPP,LAB,ULU,DLA,OUE, & XO..14 OPs in all..nice check-in OPs!! IXN talks wid ULU & YZG earlier on 15m. Lloyd has a family reunion wid relatives frm Minn. & N. Dak., & Lu solves his TVI problem wid a new 32" TV! BPX is waiting on his new hearing aid. ZH,IBR,IBP, & nØne all dine out this eve! JSV tells OPs abt a T-hunting article in the 'Register' involving April Moell & OM. PFA doesn't like to hear himself 'eat & talk' while wearing his hearing aid. Tom also helps repair 18 tape & record players fer the blind!

RF

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February 1990

(on the nets - cont'd)...

NG7D & family get caught in the rain on the way home frm Simi Valley, & John has 19 QSLs toward his 12m WAS. AF6C 'flies in & flies out'! RE can't decipher 'computer watch' instructions, he takes watch to company tech who presses a button, & puts Alex 'back on time' to play 'Newslines' tapes fer us! VPP has a big '?' overhead as his VFO A&B, on the 440, give different SWR readings! DLA survived the 'Rockwell Quake' this afternoon, after leaving quake instructions on his desk! OUE reports on GGUSD news to IXN & BPX, & LAB reports that COJ's wife, Pearl, W6COM, had surgery fer a spot on her lung. (Tnx, John!) COJ & COM are giving up smoking!! XO discusses horse shipping problems wid IXN, & tells the group abt Club OPs who helped out wid the 'TET Festival' in Westminster.

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FIRST CLASS MAIL