

VOL. XXXVI NO. 7

P.O.Box 3454, Tustin, CA 92682

July 1995

Prez Sez ... By Jim Roberts, N6XTJ



ANOTHER SUCCESSFUL FIELD DAY !!!!!!!
THANKS TO ALL OF THE OPERATORS AND
HELPERS WHO MADE IT ALL WORK.

AGAIN THANK'S

SPEAKER FOR JULY

Our traveling Editor of the Rf, is back home from Virginia on Thur 13th. If she is still home the following Friday she will be the speaker at our meeting. Communications role in the Red Cross. Minutes of Board Meeting - July 1, 1995

Meeting called to order by President, Jim, N6XTJ. Board Members present: President, N6XTJ, Vice President, KC6OPI, Treasurer, WA6VKZ, Membership, WA6VPP, Public Relations, KC6TAM, Tech Committee, WA6PFA, Members at Large, KJ6ZH and KD6BWH.

Vice President announced that Fried will not be speaker at July meeting due to scheduling error. She is still looking for speaker for this month. Reports that Nate Britman will be speaker for August. Fried is scheduled for November meeting.

No minutes were available from Board Meeting in June. President asked Vice President to take minutes for this board meeting as the Secretary is not present.

Treasurer reports that we are solvent. He estimates amount in bank is "around \$500.00."

Membership reports that there are 54 or 55 paid members.

Hiram Percy Maxim Birthday Celebration!

The Hiram Percy Maxim Birthday Celebration will run September 1 through 10.

A New Service

From Rosalie White, WA1STO

Do you know someone who's just recently passed that first license exam and is anxiously awaiting a brand new call sign? Recent FCC rule changes allow new hams to start operating as soon as the license is granted, and the Commission is now making licensing transactions available on a daily basis. Unfortunately, the FCC's phone lines are usually busy, so tell that eager new ham to call ARRL at 1 800 326-3942, between 8 AM and 4 PM Eastern Time, to easily and quickly get their new call sign. Best time to call is seven days after the exam. We want to get new hams active on-the-air as soon as possible, so let's help 'em.

Radio Amateurs To Observe 63rd Annual Field Day

Tens of thousands of amateur radio operators nationwide, will take to the wide open spaces this weekend, June 24, 25, to participate in the annual national event known as Field Day. The object of the event is to set up and operate on emergency power, a number of amateur radio stations; to work as many stations as possible on any or all amateur bands and in doing so learn to operate in abnormal situations under less than optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency prepardedness and to acquaint the public with the capabilities of amateur radio.

The Field Day period is Saturday, 1800 to Sunday 1800 Universal Time (Saturday 11 AM to Sunday 11 AM PDT).

The Orange County Amateur Radio Club will

observe field day at the Marine Corps Air Station in Tustin, their annual site since 1991. The club placed 1st in California and 4th in the nation in it's class for 1994.

The Orange County Amateur Radio Club meets at 7:30 PM, on the 3rd Friday of each month at the American Red Cross, Orange County Chapter Headquarters, 601 N. Golds Circle Drive, Santa Ana, CA. Guests and Welcome,

1995 Board of Directors

President Jim Roberts N6XTJ 31 36-0121
Vice President . Cindy Hughes . KC6OPI 971-3448
Secretary Don Hughes KC6ONZ 971-3448
Treasurer Frank Smith WA6VKZ 838-3180
Activities, Steve Raemussen KE6NAH . 530-3305
Membership Bud Barkhurst WA6VPP 774-6361
Public Relations Jane Breller KC6TAM . 310 866-2077
Tech Committee Tom Thomas WA6PFA 771-2917
Member At Large Chris Breller KJ6ZH . 310 868-2077
Member At Large Bob Buss KD6BWH 534-2995

Club Appointments

Club Historian	Bob	Evans	WB6IXN	543-9111
W6ZE Trustee	Bob	Eckweiler	AF6C	639-5074
RF Editor	Cind	y Hughes	KC60PI	971-3448

Dues

Regular Membership \$12.00 Teenage Members 6,00 Additional Family Members \$5.00 each Optional Club Badges5,00

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.

FIELD DAY SUMMARY FOR THE ORANGE COUNTY AMATEUR RADIO CLUB - W6ZE

BY: Ken/W6HHC & Bob/AF6C

40 SAT- NOVICE (CW)		0	0	•		0 .	9			0		0	0	0	0	0	18	4			0	۰ .		0 0		0 0 0	0	
220 4		0		0		0	0	0		0	73	. 80	36	0	27 -	-		0	0	0		24 9	14 2	23	0	12 16	33	
2M 2M 2M CW PHN PKT	145	0 169	. 0 0	0	G	. 46	0	0 0	0 2 .	4 234 -	1 164	2 124 -	0 100	0 197 -	0 155	0 16		0 22 .	0 82 0	51	0 32 14	0 121 18	114		0 74 41		94	
10M 6M		0		0	0	0	110 0	123 0	54 0	309 0	145 0		226 12		72 0	43 18	0	0	0	0	81 0	238 3		104 4	232 13	179 40		
12M 10M	1		0	۰	0	0	0	0	- 5	0	0	0	•	0	0		0	0 -	0	٠ 0	0	0	0	0		0		
15M 15M		0 301		0 136		0 273	0 342	140 259		47 486		0 737	-	717 77	0 515	0 995	0 350	75 0	0 45	0 18	0 570	21 172	0 747		0 840		85 761	
20M 17M			531 -			932 -	630	. 863	. 009	943		. 677	318	- 669	352 -	- 9//	196	. 299	488	- 802	359			623 23			748 0	
40M 20M	1		0			452 0		274 40	487 21			92 42			238 40			91 35		39 0				182 400			45 486	
75M 40M	§ &		272 0			226 0			254 152			195 198			105 49			0 311		0	99 0			308 182			114 208	
MOB		2 0	1970 0 2	c		1973 90 2	c	8	1976 99 2		1 7	1979 0 1	20	•	1982 0	1983		1985 81	1986		1988 127	30	3 -	1991 105	٥	150	1994 114	

Note; These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts,

1995 ARRL Digital Communications Conference

September 8-10, 1995 Arlington, Texas, U.S.A.

DCC 1995

Mark your calendar and start making plans to enjoy a little Texas hospitality and attend the year's premier event in digital communications. The 14th Annual American Radio Relay League (ARRL) Digital Communications Conference will be held September 8-10, 1995, in Arlington, Texas — just minutes from the Dallas/Ft. Worth Airport. Cohosts for the Conference are TAPR and the Texas Packet Radio Society (TPRS).

The ARRL Digital Communications Conference is an international forum for radio amateurs and experts in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for

Conference & Hotel

Conference presentations, meetings, and workshops, will be held at the La Quinta Inn and Conference Center, 825 N Watson Road, Arlington, Tx, (800) 531-5900, (817) 640-4142, Fax (817) 649-7864, intersection of I-30 and Texas 360. Rooms rates are \$53/single, \$58/double, \$63/triple, and \$85+ for suites. When making reservations with the hotel, be sure to indicate you are attending the conference. Six Flags (larger than Disney Land), the Texas Rangers, and several other attractions are within a few miles of the hotel. If you are planning to stay at the hotel, it is highly recommended that you book your room prior to August 25th, 1995 — a block of 100 rooms is reserved for Friday and Saturday. The hotel provides transportation to and from D/FW International Airport. You should contact the hotel to arrange airport transportation.

discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. If you are doing HF, VHF, UHF, or SHF digital communications, then the 1995 Digital Communications Conference is the place to be in September. Two workshops will be held during the conference: An APRS workshop by Keith Sproul, WU2Z, will be held Friday afternoon and on Sunday, Dewayne Hendricks, WA8DZP, will present a workshop on Survey of Personal Communications Systems (PCS) Technologies and their application and use in the Amateur Radio Service (as of 5/1/95).

Call for Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. Papers are due by July 21, 1995, and should be submitted to Maty Weinberg, ARRL, 225 Main St., Newington, CT 06111 U.S.A. or via Internet at Iweinberg@arrl.org. Please contact Maty for detailed format requirements.

For more Information

Tucson Amateur Packet Radio 8987-309 E. Tanque Verde Rd #337 Tucson, Arizona • 85749-9399 Office: (817) 383-0000 • Fax: (817) 566-2544 Non-Profit Research and Development Corporation

Net Notes

BY BOB EVANS, WB6IXN

6/7 15m phone net - W6ZE/AF6C checks in NGO, HHC, IXN & COJ. HHC, NGO, & AF6C have a go-around before net. Bob gets the ant. parts, and now to get the rotor hooked up, as Bob still needs sum cable clamps. HHC gets his daughter engaged, & AF6C says Ken will 'foot the bill' fer the harmonic's up-coming wedding! IXN is busy wid a yearly check-up and arthritis in his right leg, while HHC is busy at work wid production problems. NGO begins antibiotic treatment on a bad tooth in preparation fer an upcoming root canal! COJ drops in to tell us that Club member, Wil Galusha, WB6GDZ, 'ecame a Silent Key last Mon. eve. Dave is handling disposal of Wil's ham gear, &, COJ announced memorial service arrangements.

6/7 2m phone net - W6ZE/IXN checks in BPX, COJ, QW, PZF, VFC, VDP, UCH, & BWH. BPX gets the yard fertilized & watered, has the car lubed & oiled, and `gets his ears lowered'! COJ announces Wil Galusha, GDZ's Memorial Service on Sunday at 1:00 pm, at the Los Alamitos Naval Air Station Chapel. And, Dave suffers gamma match damage to the 2m beam which requires lov ring the 70ft tower to repair! licensed in 1: J4, was 77 yrs. old, and succumbed last Mon. eve. at 10:30pm after a lenghty battle wid bone cancer. QW now has over 500 counties worked as he goes fer a 2nd WAC award! And COJ brings bk memories of Canada for Rolf when Dave uses the word 'bloody' in his speech! PZF joins us and listens as BWH airs an interesting Newsline. New Club member Jim, KE6UCH, doesn't share JSV's rocky soil over in Tustin! VFC, finished wid physical therapy & awaiting a new leg brace, continues to work 6m skip to the East Coast. And VDP works Georgia on 6m, a new state for Larry. And VDP tells QW that he heard N7YUU ,in Spokane, a few minutes ago on 6ml. And Larry hopes we can get Wil Anderson, AA6DD, to come to Meeting to explain the intricacles of the 6m band!

6/14 15m phone net - W6ZE/HHC checks in NGO & IXN. AF6C is at the airport awaiting the arrival of his sister. NGO has a fungus infection in his feet. HHC offers to take Kei to meeting Frl., but NGO thinks he can get there OKI IXN arrives late, hving just finished a landline wid Dave, a scanner listener on the Public Selsmic Network. Wid TAM still ailing, PFA, Tom, will handle FD publicity. At HHC's urglng, IXN calls PFA

and reads him back FD newspaper announcements frm the Club History. NGO says 20m was pipeline into Asia this morning!

6/14 2m phone net - W6ZE/IXN chacks in BPX, ZH & TAM, RE, BWH, VFC, QW, VDP, ISP, & UCH, IXN has a chest & head cold. BWH checks in frm work, wid all ready to go fer Newsline! ZE holds off Newsline 'til later in the Net. BPX gets his 610 License Renewal form in the mail frm ARRL, and OPs tell Wyatt that the state code for California is CA! ZH & TAM journey to Ohio & Chloago respectively...Jane to visit in Chicago, & Chris takes care of business! TAM limps arnd wid a heel problem while ZH the VHF Contest over last weekend amassing 9000+ points in 142 QSOs on 4 bands! RE reads ARRL bulletins, and Alex reads computer commands to link OPs wid FCC on Internet! VFC gets a new brace fer the leg. It helps control sideways movement. Dennis also works the Contest on 6m. making 126 contacts, giving out points, and garnering 7 new grid squares in the process! Dennis said 6m was open all day Sunday! Wid ZE finished wid checkins. BWH airs Newsline, which gave fair warning to OP's abt CC&Rs when purchasing new QTHs! QW uses a different approach...Rolf only works OPs he needs in the Contest, garnering 18 new Grlds on 35 contacts! Rolf borrows a 2 element Quad frm VFC and it works superbly. QW agrees wid VDP that it helps to hve both vertical and horizontal polarization to pull in the weak ones in a contest! VDP & VFC both work Aruba Is., P49T, in the contest! VDP gets 63 contacts and 6+ new grid squares in the Contest. And Larry says wid 4 megs available, he can't understand why most OPs on 6m want to concentrate in abt 50KHz of the band! UCH trys different positions on the patio getting a gud 'hot spot' to work net on the HT! OPs welcome Mike, WA6ISP, to the net. He and VDP live in the same community.

6/21 15m phone net - W6ZE/AF6C checks in VDP, IXN, NGO, & HHC. AF6C & HHC are at Kei's QTH recording a digital FD message. So Bob opens the net there. IXN brings his father home from the hospital. VDP feels the earthquake this afternoon located SW of San Clementi Island. And Larry resolders all the connections in the final amplifier in the VHF rig. HHC works to get all the audio noise out of the speaker as

NGO plays arnd wid the 990.

6/21 2m phone net - W6ZE/IXN checks in BPX, VFC, ZH & TAM, RE, VDP, QW, UCH, & BWH. BPX records 3/4" of rain frm last Fri's storm, but Wyatt stays in the house & reads while the tomato & cucumber plants open their blossoms! VFC gets the truck loaded fer FD, & Dennis also feels this afternuon's shaker! And Dennis, wid the 6m QRP HT, works V:'A, MT, TX, & grid square DL98 in Mexico, during the 6 n opening last Sun. QW & VDP take the R7 ant over to RE's QTH. Alex doen't erect it yet...company this week end!...And no FD this year fer Alex! Ch 7 runs the OCARC FD announcement on their Weekly Calendar! (tnx, TAMI) And ZH & Jane will hve the motor home, wid air conditioning, at the FD site Fri. afternoon. RE & IXN don't feel the afternoon EQ, & IXN tells VDP that when the power drops in the VHF rig. his audio Improves! NT tells VDP that he has to show his driver's license & proof of insurance to get on any Marine base! QW doesn't feel the EQ elther! And Rolf says 6m hasn't opened up fer the last three days! QW enjoys listening to VFC work 6m QRP last Sun. BWH has the packet station ready fer FD. And Bob will have an aux. generator to fill in the gap during Club generator shut-down. BWH airs another interesting Newsline, wid our local Andy Jurema, N6TCQ, at the Newsline mlke! UCH enjoyed eyeball QSOs wid Club members at last Club meeting. And Jim is looking forward to his 1st FD!

6/28 15m phone net - W6ZE/HHC checks in NGO, IXN, COJ, VDP, & VFC. AF6C just got home frm work, so HHC assumes NC duties. Ken gives rough FD scores to OPs. Fer poor band condx, it looks like the Club did well! Congrats to the FD OPs!! Ken also says Marines begin leaving Tustin Marlne base next June...We might get the site one more year! NGO hears Kaz well today, but Kaz doesn't hear Kei so well! And Kel said the Club generator took the `FD beating' quite well, although it consumed sum oil! ZE tells IXN that 3 FD band scores are not yet in. COJ spent FD caring fer the XYL, and, lining up Wil Galusha's gear to sell fer the family. VDP was pleased wid FD operations. OPs gives congrats to VKZ on FD meals! Larry hopes to find a more dependable computer fer logging next FD. VFC flew in & flew out!

6/28 2m phone net - W6ZE/IXN checks in BPX, HHC, VFC, QW, RE, VDP, ZH & TAM, UCH, & BWH. BPX joins IXN wid knee problems. But Wyatt expects to attend the Club bfast Sat. HHC needs 20m CW, 80m

CW, and the Packet FD scores to complete Club totals. VFC has a busy FD, working 2m, 220, and 432 MHz bands. OWD works the RS-12 fer satellite points, and QW takes 70+ pix of FD or prations! IXN will make a montage frm these pix fer the Club History! PFA will get one of Rolf's pix published fer another 100 pts. And, Tom helps QW put a Grid Squares program on the computer. RE says WB6ESZ, Rich, is looking fer OPs to help wid amateur operations at the Orange County Fairl Alex collects the 1.3 message frm W1AW, and also formulates the FD message frm the Club to our SCM! VDP tnx Bill, BWZ & XYL K6KB, In frm Moreno Valley, fer mobile home accomodations & help wid FD operations. Larry especially enjoys VKZ's Sun. morning Bfast! Seems that OPs lived up to their usual `chow hound' habits, Frank! ZH says this was 1st time the he & TAM were set up ahead of time fer FD operations. And fer the 1st time since Chris' FDs wid the Club, 20m SSB outscored 15m SSB!! See what happens HHC & AF6C, when you don't get ZH & TAM out to the Saki party!! UCH enjoy his 1st FD! Jim does a little logging on 10m, getting his 'feet wet' wid FD operations!

Public Relations reports that Field Day publicity was published in Orange County Register, thanks to Dave, WA6COJ. A copy of the article will retrieved for the club for submission for Field Day Score and for Club Historian. Field Day article will be published in the Flight Jacket at Tustin Marine Base. This could not be published prior to Field Day due to security at the base.

Tech Committee reports no activity. Amends that to a report of interference last weekend.

No other reports from committees.

Old Business

Field Day - Scores for Field Day:

80 m phone - 272

20 m phone - 572

40 m phone - 200+

15 m phone - 401

15 m cw - 51

Novice - 129

Satillite - 6

Rough Total 1431

Expenses for Field Day \$256.38. Frank reports a surplus of \$9.62. This includes the Port-a-potties. Frank indicates that the port-a-potties were donated by his contractor. President asks that Vice President tell Secretary to write a thank you note for the donation. Frank gives Cindy details.

New Business None reported

For the Good of the Club Silent Key - KC6MPU Mickey, former member of club became a silent key about a month ago. President asks that Vice President have Secretary send a condolance card to family.

California Classic - Bob, KD6XO mentions that this annual event is scheduled for August 11 - 13. He needs operators for August 12. This is the day of Marathon and when he needs the most operators. This year's event is to held near Pacific Coast Highway and Hawthrone.

Motion to adjourn made by Frank, WA6VKZ, seconded by KC6TAM. Meeting adjorned at 0847 by N6XTJ.

Respectfully submitted, Cindy Hughes, KC6OPI Vice President

Minutes from General Meeting - June 16, 1995

Meeting called to order 0800 by Frank, WA6VKZ. Board Members present: Secretary, KC6ONZ, Treasurer, WA6VKZ, Activities, KE6NAH, Membership, WA6VPP, Public Relations, KC6TAM, Tech Committee, WA6PFA, Members at Large, KJ6ZH and KD6BWH.

Trailer Committe reports a final work party scheduled for June 17, 1995. Time is scheduled for 0900.

Old Business None reported. New Business None reported.

No correspondence reported by Secretary.

For the Good of the Club;

W6RE - Governor of New Hamsphire signs bill protect Amateur antenna rights.

Treasurer's Report: \$710.34 of which \$200.00 is a donation fund for Field Food. \$30.00 misc. exp. \$15.00 Bill for name tags

WINNER OF THE HANDHELD RADIO WAS Victor KE6EMQ

Motion to adjourn by Bob KD6BWH. Meeting adjourned 2045.

Respectfully submitted, Don Hughes, KC6ONZ Secretary

For Sale

Kenwood TS-430, "fully loaded"; Astron 35-S, Manuals included. \$685.00 OBO.

Ameriton AL80A linear, 3500Z \$650.00

> Yeasu 901P \$75.00

Yeasu Monitor YO \$100,00

Call Dave, W6COJ 714 731-2288 for more details

Club Nets

Band Mode Local Time Freq. MHz Day Net Control Wednesday 8:00 PM 15 Meters SSB 21.375* AF6C 2 Meters FM Wednesday 8:30 PM 146.550 Simplex WB6IXN 40 Meters CW Thursday 7:30 PM 7.135* WA6RND (Listen for W6ZE, Net Control) *Plus or Minue QRM

General Meeting

July 21 August 18 September 15 General Meeting is the 3rd Friday of each month at 7:30 PM. American Red Cross 601 N. Golden Circle Drive, Santa Ana, CA Talk in Frequency 146.550 simplex Major Cross Streets: Fourth St. & Tustin Ave.

Board Breakfast

August 5 September 2 October 7 Board Meeting is the 1st Saturday of each month at 8:00 AM. The Wildflower Restaurant - Members & Visitors are welcome. Grand Ave., Santa Ana, CA

Exit the 5 freeway at 17th Street, go east to Grand Ave. Go north on Grand; or exit the 22 freeway at Grand/Glasell. Go South to rectaurant

South to restaurant.

Orange County Amateur Radio Club, Inc.

P.O. Box 3454 Tustin, CA 92681

First Class Mail





Time-Dated Material. Please Rush!!