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ORANGE COUNTY AMATEUR RADIO CLUB

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VOL. XXXV NO. 7

P.O. BOX 3454, TUSTIN, CA 92682

JULY, 1994

## The Prez Sez

By Chris KJ6ZH

Well Field Day turned out to be hot this year, not only the weather but also the bands! 10 meters and 6 meters had stateside openings and we worked a lot of contacts. This is amazing since we are supposed to at the minimum of the sunspot cycle. We did well on all our bands except for satellite. We needed to make 1 contact to earn 100 points but we couldn't for lack of a satellite station (a medical emergency came up at the last minute and AB6KE couldn't participate). The food was excellent and I think everyone had a good time (I even got to work some DX on 20 phone).

Speaking of DX, our July meeting will feature W6EA talking on how to work DX. Art should know since he has worked every country there has been since WW II and has the QSLs for all but one. He is a long time member of the Southern California DX Club and is one of the nicest guys you'd ever want to meet. I am looking forward to his talk.

So that's about it and I'll see you at the meeting.

73.

Chris, KJ6ZH  
President



## July Program: W6EA, Art Annxon on DX

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Minutes of Board Meeting 4-2-94

Meeting called to order. All Board Members present except KJ6ZH, KC6ONZ, N6EDY, and W6HHC.

### OLD BUSINESS

1. FIELD DAY. We need to make initial inquiries about antenna/positions and class at Field Day.
2. CLUB QSL CARDS. An inquiry will be made into new QSL cards for the club for use in the 10-10 program made by N6XTJ. K6VDP will check about getting the club 10-10# reactivated.
3. TRAILER COMMITTEE. No business from trailer committee. WA6VKZ inquires about 2nd axle and cost possibility of installing surge brakes or electric brakes.

### NEW BUSINESS

1. NEWSLINE TAPE. Newsline tape fund is running

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low. Motion made by KD6BWH for \$100.00 donation. Seconded by N6XTJ.

2. FUTURE SPEAKERS. Our speaker will be K6UE, Rick Burns, on packet BBS at the April meeting. Our speaker for the May meeting will be WA6WZO, Fried Heyn, about the ARRL.

3. MEMBERSHIP. We have 60 members with paid dues.

4. TREASURER'S REPORT.

5. NO OTHER NEW BUSINESS.

6. FOR THE GOOD OF THE CLUB. The City of Tustin will be needing help setting up their EOC. See WA6VKZ for more details.

Meeting adjourned at 0940.

Respectfully submitted by Carmine, AB6KE

RF

General Meeting Minutes for May 20, 1994

Meeting called to order at 1930. Board members absent: KC6ONZ, KD6BWH, N6EDY, W6HHC.

GUEST SPEAKER this month is WA6WZO, Fried Heyn. His topic is about the ARRL, Policy and New Events.

#### TREASURER'S REPORT:

Savings Account: \$716.13  
Checking Account: \$438.25  
Total Amount \$1,154.38

#### FUTURE SPEAKERS:

June: Field Day Program. Bring your ideas, films, slides, pictures, etc.  
July: Art Annxson, on DX.

ACTIVITIES: Busy with Field Day.

TECH COMMITTEE: No reports of TVI, or other

inquires.

MEMBERSHIP: No new sign ups.

#### OLD BUSINESS

TRAILER COMMITTEE: Committee reports that the axle needs to get installed. AF6C, Bob, proposes a \$40.00 limit on installation.

FIELD DAY: The club will be operating in the 4A class again this year. The logistics are being planned and will be published in next month's RF.

QSL CARDS: We are still working on card ideas. We need to send in money to reactivate the club's 10-10 number.

#### NEW BUSINESS

GOOD OF THE CLUB: Radio Shack offers a list of clubs in the area. We will need to check their database. K6VDP, Larry inquired about it.

Armed Forces Day is May 20 - 22.

ANNOUNCEMENTS: ARRL Bulletin reports that the  
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There is still time to volunteer to help with the California Classic. This event will be held at 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.

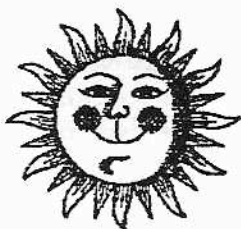
Call Bob, KD6XO, at 714 531-0926, for more details.

Minutes cont. from page 2

FCC denies permission (petition) on the expansion of the Radio Spectrum. Final say yet to be determined.

MOTION TO ADJOURN made by KJ6ZH, Chris.  
Seconded by KC6TAM, Jane. Meeting adjourned at 2150.

Respectfully submitted by AB6KE, Carmine.



### 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



June, 1946

## 1994 Board of Directors

President .....	Chris Breller .....	KJ6ZH ...	310 866-2077
Vice President ....	Jim Roberts .....	N6XTJ ....	
Secretary .....	Carmine Fiorello. AB6KE .....		837-5133
Treasurer .....	Don Hughes .....	KC6ONZ .....	971-3448
Activities .....	Jane Breller .....	KC6TAM	310 866-2077
Membership .....	Bob Buss .....	KD6BWH .....	534-2995
Public Relations...	Bill Hall .....	N6EDY .....	546-9029
Tech Committee..	Larry Beilin .....	K6VDP .....	557-7217
Member at Large .	John Dawson ....	WA6RND ....	633-7469
Member at Large .	Ken Koneohy ...	W6HHC.....	744-0217

### 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.

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## NET NOTES

BY BOB EVANS, WB6IXN

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5/26 40m CW net - W6ZE/RND checks in NG7D, NT, & IXN. IXN checks in late after fooling arnd wid the antenna tuner. NG7D visits Vegas last week and comes home breaking even! And John has 19 states worked wid 15 confirmed on the RS-12! And John tells RND that the new formula fer the RS-12 works! NT gets his ARRL pin but RND's hasn't arrived yet! NT gives sig rpts, nothing lower than 579!

6/1 15m phone net - W6ZE/AF6C checks in NGO, IXN, NG7D, N7GDL, & VDP. NGO is surprised to hear GDL, Frank, check in frm Boseman, Mont.! And Kei & IXN remember well the events of D-Day! IXN announces 2 small EQs during net! And NG7D passes his General Radio License exam today! John only missed 1 question, and may have gotten the highest score ever under VE. Nancy's test sessions fer the GRL exam! Yesterday, GDL works Pitcairn Is., armchair copy, on 15m!...It might be an interesting FD yet! VDP hears Mississippi on 6m..too much QRN..can't pull him out fer a contact! AF6C reminds all of the Club Bfast Sat.!

6/1 2m phone net - W6ZE/IXN checks in BPX, NG7D, ZH & TAM, RE, ESD, VDP, AF6C, QW, ZF/m, & BWH. BPX's left leg acts up agn Sun.! Looks like Wyatt may hve to get a walker to replace the canes! NG7D bags NH on the RS-12, gets a QSL frm Fla., & has worked close to 25 states on the RS-12! BWH tnx XTJ fer the mouse conversion push-to-talk switch, and TWF fer the switch box fer the combination microphone, all of which gives Bob a vy professional xmission of Newslin! Newslin may go off the air due to lack of funds! If you can help, contact Dr. Norm Chalfin, P.O. Box 463, Pasadena, CA. 91102! ZH reminds all of Club Bfast Sat. And TAM is on disability agn wid the back! IBR is undergoing more testing, and Jane plans gud food fer FD! RE asks ZH abt needs at LTA fer FD. Chris tells Alex that a Club roster shud be provided! And RE has a busy Memorial Day wid both harmonics at the QTH! Plus RE is

busy running errands and making minor repairs at RVS' QTH! VDP picks up a couple of new grid squares on 6m. Now Larry plans to shift the 3-element beam frm horizontal to vertical polarization. Maybe this will improve things! "15m was dynamite tonite", says Larry, "Everyone talk up FD!" AF6C inquires abt K1YZG! We haven't heard frm Lou fer ages! IXN will give Lou a call! AB6ZF/m checks in while motoring near Lake Forrest, wid 5/7 sigs at ZE' QTH. QW will help set up & tear dwn fer FD, and then Rolf is off to Germany fer a visit wid relatives! QW needs a gud termite man, OPs! Know any?! Rolf stays home Memorial Day and cuts the County list dwn to 40!

6/8 15m phone net - W6ZE/AF6C checks in NGO, ZH, IXN, RND, & VDP. ZH says plans fer loading antennas on the Club trailer fer FD will take place this weekend. And Chris hears Albania & Macao on the bands today! ZH also picks up DXCC fer 40m CW + endorsements! And Chris says some minor changes hve been made on the DXCC Certificate! NGO finishes work on the tractor, installing new 'O' rings, a new radiator cap, etc. Now Kei works on a 40m dipole and installs a 1/2 wave 75m inverted 'V'. Kei hears ZH armchair copy tonite! IXN & AF6C discuss the mag. 7.7 EQ that just took place in Bolivia. And RND & XYL fly up to Boise, ID, & Salt Lake City to visit harmonics & grand harmonics fer 4 days, plus John gets in sum more gigs after they return home! VDP garners 4 or 5 new grid squares over the weekend, and Larry decides to change the 6m beam back to horizontal polarization!

6/8 2m phone net - W6ZE/IXN checks in BPX, ZH & TAM, RE, RND, VDP, QW, HHC, BWH, AZ, & KE6EMQ. BPX's left leg improves wid the walker in place of the 4-legged canes! Wyatt's neighbor will install a new faucet on the QTH and a phone jack in the bedroom. ZH needs abt 23 countries fer 80m DXCC. Then Chris will hve the 5-band DXCC!! AZ tunes into net just in time to hear ZH say that volunteers are needed Sat. to take the Club trailer to WJJ's QTH to load ants. fer FD, & then return the trailer to AZ's QTH. Bob will be ready by 9 or 10 am, whenever the OPs arrive! TAM will hve an operation on her wrists fer carpal tunnel syndrome...No, OPs, it's not a disorder caused by working too much CW! BWH & IXN

Cont. on page 6

discuss their gardens and then Bob airs Newline. (Newline needs funding badly!) RE, RND & IXN all turn off the pilots in the furnace, and RE reads ARRL bulletins for net OPs. RE reports v. poor band condx.! RND tnx BWH for Newline & RE for Bulletins. And John & XYL arrive home on Mon. from their trip. And RND takes covers off the whirling vents atop his roof! VDP makes 40 to 50 contacts in the 6m contest over the weekend. And Larry receives word from NT that the horse trailer will again be available for FD! (Tnx, Ray!) Dennis & Larry will now work on 40-10m ants. for FD! QW comes onboard with latest news from 8 mag. EQ in Bolivia! And Rolf garners 1 new County today..39 to go! And QW works 13 new grid squares in the Contest last weekend on 6m! HHC has Mom visiting from Pittsburgh, PA. The family motors to Laughlin, NV. for some light gambling. Ken works on a new FD logging program, using a new ACCESS data base program. Sounds interesting, Ken! VDP contacts AZ after net to talk about sum ant. mounts Bob made for FD.

6/9 40m CW net - W6ZE/RND checks in IXN & NG7D. NT was probably eating din-din with the family! RND mentions the 8.2 EQ of 6/8 in Bolivia! And John asks NG7D how he's doing on the RS-12. NG7D receives cards from TX, NM, & VA today! He has worked 22 states thus far! IXN reports on Lu, YZG's condition. Lu still hasn't recuperated fully from his stroke, never having regained full use of one arm. At present, Lu still has a visiting nurse coming to the QTH. IXN 73s with the 2 Johns' to move to the 'Code is a Joke Net' on 440.

6/15 15m phone net - W6ZE/AF6C checks in RND, QW, NGO, VDP, & IXN. AF6C takes Monday off, gets the new car serviced, enjoys a Guinness Brew, and reminds OPs of Club meeting Fri. eve! QW's 5/9 sigs are clear & crisp on the band tonight! But Rolf didn't get any new Counties the past week! RND spends all afternoon reading magazines, plus reading a couple of novels on the side! And John hasn't been working the RS-12 much lately. NGO fine-tunes the generator for FD and ignores the broken one-wheel tractor! NT will loan VDP the horse trailer again for FD. And Larry changes the 3-element to a 4-element beam for higher gain! And VDP's XYL gives Larry a beer-making kit for his BD! Look out, Rolf!...Here comes the

brew!! IXN tells OPs that the Bolivian EQ was 350+ mi. below the surface!.. Thus the reason for so little damage from the 8.2 mag. event!

6/15 2m phone net - W6ZE/IXN checks in KD6ZEE, BPX, ZH & TAM, RE, VDP, TWA, PZF, QW, RND, BWH, NG7D, & AZ. BPX will send FD article in Register to IXN. Wyatt's legs are better, but walking is rough! IXN reports on YZG, Lu's, health. ZH, back from a business trip, prepares for TAM's wrist operation tomorrow. And Chris picks up a UA0AP QSL card from Russia, making 290 countries confirmed! BWH airs Newline & contemplates putting sum money into the FT-101 to improve reception! PZF compliments BWH on Newline xmission!..John says it's one of the best he's ever heard! RE banter with the low sunspot numbers trying to pick up ARRL bulletins in the poor propagation! RE relies on BWH to help him with traffic on the MARS nets! VDP works a lil' 6m, and agrees with RND & IXN that code licensing requirements ought not to be changed! TWA & fam. were in Fla. recently, with ideas of re-locating there in the future! QW hunts Counties unsuccessfully this week!..But Rolf only has 38 counties to go, with 3001 confirmed!! IXN warns OPs of camera speed traps on Grand Ave., SA, in the near future! Cameras in other SA locations are coming, too! RND & IXN can't remember any malicious interference on CW..EVER!! How about you?! RND makes a solid QSO with CT this afternoon with the 'Butterfly up 30 Ft.!' And John watches the N.Y. Rangers win the Hockey playoffs. NG7D tells RND that the RS-12 has been there every night. John picks up Nebraska, his 25th state, and now has 20 states confirmed, picking up a QSL card from NH yesterday. QW confirms name & address of AA7QV for John & gives him the particulars after net. AZ brings OPs up on Club Trailer news. VKZ pumps up a low tire, & OPs have all ants. loaded. AZ cleans, and touches up tuning, of some antennas... Tnx to all OPs who helped with the Club Trailer project!!

6/16 40m CW net - W6ZE/RND checks in IXN & NT. RND informs IXN of a 5.1 Landers aftershock at 9:30 am. IXN tells John it rocked the car slightly. He was waiting in the car for his brother. It is possible to have aftershocks for years...It seems the larger the event, the longer the period for aftershocks!! And RND plays a gig today in Anaheim at the Brookhurst Senior Center. NT breaks in for awhile! The family just got home. NT & RND discuss their ARRL pins from previously worked CW contests.

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*Net Notes cont.*

Then it's off to din-din fer Ray!

6/22 15m phone net - W6ZE/AF6C checks in NGO, NG7D, RND, ZH, IXN, & W5YDO.

IXN arrives late on the net. He was checking wid neighbors abt a Police investigation of a bullet fired into the QTH over a week ago! NGO prepares fer FD, and Kei says 20m has been open 'across the puddle'. And IXN says Kei has excellent audio on the 950-S! AF6C tnx RND fer the RS-12 info., and Bob has to get another crystal to operate separate bandfs wid the present rig. ZH drops off the FD list to the Provo Marshall at the Marine Helicopter Air Station. And Chris gets a new digital repeater fer the rig to take care of "CQ Field Day"!! NG7D has a CW memory keyer in his rig..only problem..It won't copy directly frm the air into memory! IXN 73s & misses W5YDO's name & QTH!

6/22 2m phone net - W6ZE/IXN checks in BPX, JSV, NG7D, RE, RND, QW, ZH & TAM, AZ, VDP, PZF, BWH, & ZPT. BPX puts the walker thru its paces as Wyatt says his legs are doing pretty well! BPX & Blanche celebrate Father's Day & a family BD over last weekend! And Wyatt, BWH & ZPT's gardens are all at abt the same stage of development! IXN receives the FD article in the Register frm BPX and will give it to ZH at FD. JZV & EZS return frm an extensive vacation in the Ozarks!..They go to the new Country Music Capitol, Branson, MO. There, they see country music shows daily, meeting their favorite stars, collecting autographs, etc. Then it's off to a steam train ride frm Fayetteville,AK, to Van Buren, first stopping in Fayetteville to visit an air museum. Then it's off to visit EZS' mother-in-law in Oklahoma! RE watches the basketball playoffs, says propogation reports might be an aid to FD, trims sum of neighbor's overhanging trees, & finds ARRL bulletins slim pickings these days! BWH airs another excellent Newsline, and begins to enjoy sum of the fresh produce frm the garden! NG7D becomes 43 yrs young last Sun. And John lists 26 States worked, 20 confirmed, wid abt 50 contacts on the RS-12! Now NG7D is putting the logbooks on floppy disk! RND tnx RE fer Bulletins & BWH fer Newsline! And John has a gud 20m sched bk to CT wid his friend. John watches sum soccer, & plans to visit FD site on

Sun. (wedding on Sat!) QW says there was a 'big opening' on 6m tonite!..VEs, WA, OR...And Rolf gets a new Grid Square! Garnering Madison, Ala., today, Rolf has lowered the County count to 32! QW will help set up & tear down fer FD! TAM has feeling in her fingers agn after the surgery! And ZH gets the newly painted auto bk frm the shop. ZH says the food fer FD is ready, and so are the porta-potties! Too bad their aren't FD points given fer 'messages' received by porta-potties frm the posterior ends of OPs! And ZH will try out his new D-base logging program on FD. AZ reports the Club Trailer is loaded & ready to go on Fri.! And AZ says U.S. Soccer team defeats Colombia 2-1! VDP hopes that XTJ wud check in to hear his needs fer FD! And Larry hopes fer gud 6m openings on FD! And Larry garners 3 new states on 6m..Wis., Ill. & ? (cudn't remember)! And VDP will continue work on the errant 4-element 6m beam after FD! PZF will be at the FD site Friday afternoon to help wid setup!

6/23 40m CW net- W6ZE/RND checks in IXN, NG7D, NT, & IBR. IXN tells OPs not to expect too much frm the collision of Comet Shoemaker-Levy & Jupiter starting on July 15! NG7D says he and VES won't be QRP FD as Gary has to work a security job at Irvine College. And John needs to get his wheel chair up & in running order! NT prepares the horse trailer and himself fer FD! The family is coming in frm work so Ray must run shortly...Nothing new on the Hill! At net's end, IBR checks in frm Moreno Valley! OPs enjoy hearing Al's fist once more on freq.! Al tells OPs he's still running the TS-750 wid the Butternut vertical. Al has 5/7 sigs at IXN's QTH, & all OPs hear Al well! W6ZE closes net after telling Al their last QSO was in Aug. of '91! IXN & IBR continue talking after net, wid IXN telling Al abt a bullet in the QTH frm a drive-by shooting. Al informs IXN of results frm recent tests and IBR tells IXN of an errant gall bladder as he & IXN lament 'The Golden Years'! Al will attend FD this year using the local Club call KI6GL (if IXN copied it correctly!).

6/29 15m phone net - W6ZE/AF6C checks in NGO, XO, ZBB/AA, IXN, ZH, RND, & VDP. AF6C tells FD band caps. to turn in their FD logs! NGO & AF6C talk abt the poor condx of the FD site, wid piles of blacktop to find in the dark! XO had to work Sat., & Sun. was filled wid too many activities, a bum-feeling XYL, & too much heat fer Bob to get to FD this year! And XO brushes up on LOTUS, Microsoft Works, etc., at an adult ed. computer

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Net Notes cont.

course. ZBB, Jack, works FD frm a 1A station in the Anaheim Hospital. Crescent wrench missing, FD OPs?! ZH found an unclaimed one at the FD site! And Chris picks up sum DX frm Ireland & Costa Rica on FD! RND rolls into FD at 3:00 am Sun. morning, joining VDP, NT & crew in the 40m Horse Trailer! Then RND moves to AZ's 'human microwave oven', ie: the 20m CW tent!! VDP finds 6m open, working PA & NY on the vertical! And Larry will turn over FD logs at the Club Bfast Sat. morn. IXN gets to FD site Sat. eve. fer an hour, just in time to help locate a couple of missing harmonics!

6/29 2m phone net - W6ZE/IXN checks in BPX, ZPT, RND, RE, ZH & TAM, VDP, ZBB, PZF, BWH, NG7D, and EMQ. BPX's left leg acts up agn, as Wyatt fights the heat, waters the lawn, & tells OPs that KE & OPI will be involved wid the amateur radio station at the O.C. Fair! BPX will pick up a 45 yr pin frm his Union at the upcoming picnic! ZPT enjoys FD VHF on 6m, and the great food! Wid FD still buzzing arnd in his head, RND sends 'de W6ZE' on a Monday net! John enjoyed Sun. Bfast, & helped OPs tear down the FD operation. RE turns over a copy of the FD message to ZH, and the SM message frm Joe Brown, giving the Club another 200 points! Alex helps wid FD beginnings on Sat. thru dinner Sat. eve. A vy tired BWH arrives at FD after midnight! Bob helped TL move Sat., & helped wid inventory at work! Bob looks in on VDP's operations and visits wid XTJ's packet setup. Bob airs an interesting Newsline wid the VE scandal growing in S. Cal! ZH & the 20m crew get 749 contacts on 20m, wid 114 contacts on 80m. HHC, AF6C & crew get arnd 760 contacts on 15m. Jane, Wendy, & Linda are roundly thanked by FD OPs fer the fine food layout!! TAM gets the stitches out, now Chris has to look out fer the 'heavy arm of the law'!! VDP says 15m CW not too gud..too much FD QRN! 40m CW was much more productive! VDP & crew garnered 50 to 60 6m contacts on FD! And VDP finds Industrial Metals to be a gud aluminum tubing supplier. Call Larry fer particulars! PZF helped wid FD setup on Fri. & Sat., wid a couple of 'QSTs' instead of CQs while making FD contacts! HHC cheats himself out of FD points when he thinks NG7D isn't a valid FD contact! And John has 61 contacts on the RS-12,

inc. 26 states, 21 of the 26 confirmed! EMQ busies himself visiting other FD sites!



July, 1947



February, 1940

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

JULY 1994

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

BY: Ken / W6HHC & Bob / AF6C

YEAR	80M		75M		40M		40M		20M		20M		17M		15M		15M		12M		10M		10M		6M		2M		2M		220		440		144/440		NOVICE (CW)		TOTAL						
	BOM	CW	SSB	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	PHN	CW	PHN	CW	PHN	PKT	PHN	PHN	PHN	ATV	OSCAR	80	40	15	10	OSQ's	(POINTS)					
1968	10	0	224	98	62	0	396	93	328	0	375	0	24	430	301	0	426	0	0	0	0	68	0	0	0	0	145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,780	3,938		
1969	0	0	272	0	0	0	0	0	531	0	531	0	0	426	0	0	0	0	0	0	0	0	0	0	0	0	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	993	1,986	
1970	0	0	272	0	0	0	0	0	531	0	531	0	0	426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,229	2,458		
1971	0	0	274	0	0	0	106	0	530	0	530	0	0	136	0	0	273	0	0	0	0	0	0	0	0	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,046	2,092
1972	0	0	50	0	0	0	350	0	521	0	521	0	0	530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,545	3,090	
1973	0	0	226	0	0	0	452	0	932	0	932	0	0	273	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,019	4,218	
1974	0	0	161	0	0	0	333	0	630	0	630	0	0	342	0	0	0	0	0	0	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,600	3,248	
1975	80	120	154	274	487	21	600	40	863	140	259	64	210	259	0	0	0	0	0	0	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,053	4,934		
1976	99	254	152	487	21	600	40	863	140	259	64	210	259	0	0	0	0	0	0	0	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,945	4,566	
1977	25	243	163	199	30	981	42	773	47	486	50	558	737	486	0	0	0	0	0	0	309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,610	5,812	
1978	14	196	242	170	92	843	30	981	50	558	737	486	0	558	0	0	0	0	0	0	145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	5,926	
1979	0	195	198	92	42	773	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,266	5,016		
1980	20	149	205	235	471	318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,849	7,194	
1981	0	167	200	265	60	699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,487	5,648		
1982	0	105	49	238	40	352	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,582	3,400		
1983	3	93	200	0	0	776	0	0	0	0	0	0	0	995	0	0	0	0	0	0	43	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,145	4,696	
1984	0	0	310	0	0	196	0	0	0	0	0	0	0	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	941	2,672		
1985	81	0	311	91	35	662	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,288	3,602		
1986	0	46	219	78	0	488	0	0	0	0	0	0	0	45	10	0	0	0	0	0	0	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	968	2,374	
1987	22	0	0	39	0	708	0	0	0	0	0	0	0	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	962	2,202		
1988	127	0	66	75	2	359	0	0	0	0	0	0	0	570	0	0	0	0	0	0	81	0	0	0	0	0	32	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,497	3,726	
1989	30	0	98	5	0	906	0	0	0	0	0	0	0	172	0	0	0	0	0	0	238	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,646	3,590	
1990	0	0	70	144	0	370	0	0	0	0	0	0	0	747	0	0	0	0	0	0	131	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,657	3,454	
1991	105	308	182	182	400	623	23	9	463	0	0	0	0	463	0	0	0	0	0	0	104	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,626	6,740	
1992	0	294	200	110	541	555	0	0	0	0	0	0	0	840	0	0	0	0	0	0	232	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,983	7,530	
1993	150	100	159	81	530	700	30	131	812	0	0	0	0	812	0	0	0	0	0	0	179	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,061	8,132	
1994	114	114	208	45	486	748	0	85	761	0	0	0	0	761	0	0	0	0	0	0	312	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,102	8,078

Note: These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in QST in the fall.





**1994 ARRL S.W. Division Convention**  
**San Diego, California, August 26 - 28, 1994**  
**Town & Country Convention Center**

**Sponsored by:**  
**SANDARC, INC.**

San Diego County Amateur Radio Council, Inc.  
 Convention Site: Town & Country Hotel & Convention Center  
 500 Hotel Circle North, P.O. Box 80090  
 San Diego, CA 92128

Special Hotel Rates for ARRL Convention - Call (800) 77-ATLAS  
 Parking at the Town & Country Hotel \$3.00



How Many		Cost	Amount
_____	Early Bird Registration (before May 15th, 1994)	\$10.00	_____
_____	Pre-registration (May 16th - August 10th, 1994)	\$12.00	_____
_____	Registration & At Door (August 11th to Show)	\$15.00	_____
_____	Saturday Night Banquet	\$35.00	_____
_____	Sunday DX Breakfast	\$18.00	_____
_____	Saturday Ladies Luncheon	\$21.00	_____
_____	Friday Night Harbor Cruise (Bus, Dinner, Bar & Cruise)	\$55.00	_____
_____	Total Enclosed		\$ _____

**Badge Information (Print or Type)**

Name \_\_\_\_\_ Call \_\_\_\_\_

Name \_\_\_\_\_ Call \_\_\_\_\_

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Make checks payable to: SANDARC, INC.

Free Admission to Youngsters, 16 years & under accompanied by an adult.

Mail this form and check to: 1994 ARRL S.W. Division Convention  
 Bob Boehme, W6RHV, Registration Chairman  
 10340 Everell Place  
 Santee, CA 92071

For additional information, please phone (619) 278-4284

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## CLUB NETS

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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

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### GENERAL MEETING

**JULY 15**  
**AUGUST 19**  
**SEPTEMBER 17**

GENERAL MEETING IS THE 3<sup>RD</sup> 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 2<sup>nd</sup> 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

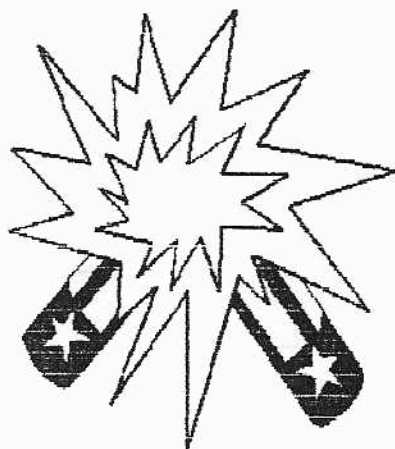
**AUGUST 7**  
**SEPTEMBER 4**  
**OCTOBER 2**

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

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