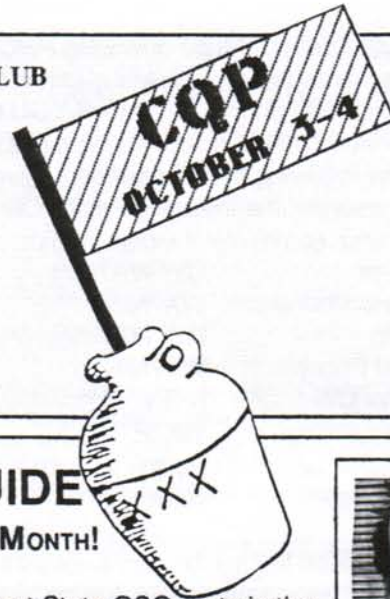


# THE NCCC JUG



NUMBER 244  
SEPTEMBER 1992

## UPCOMING CONTESTS

### September

- 12-13 Eu DX (WAE), Ph ..... (QST, July, p. 98)
- 12-14 ARRL Sept. VHF QSO ..... (QST, Aug. p. 90)
- 13 N.A. Sprint, Ph ..... (QST, Aug. p. 83)
- 19-20 ARRL 10GHz Cumltv ..... (QST, June p. 78)
- 26-27 CQWW RTTY ..... (QST, Aug. p. 83)

### October

- 3-4 California QSO Party ..... (JUG, this issue)
- UCWC Contest ..... (QST, Sept. p. 125)
- 10-11 Pennsylvania QSO Pty ..... (QST, October)
- 11-12 Illinois QSO Pty ..... (QST, Sept. p. 125)
- 17-18 ARCI CW QSO Pty ..... (QST, Sept. p. 125)
- W.A. Germany ..... (QST, Sept. p. 125)
- ARRL EME ..... (QST, Sept. p. 124)
- Boy Scout JOTA ..... (QST, Sept. p.61)
- 24-25 CQWW, Phone ..... (CQ, Sept. p. 128)

### November

- 7-8 SS, CW ..... THE year's event.  
100,000 Point quota! Let's KB!
- 21-22 SS, Phone ..... THE year's event.  
100,000 Point quota! Let's KB!
- 28-29 CQWW, CW ..... (CQ, Sept. p. 128)

**GET SET, GET READY  
CQP OCTOBER 3 & 4**

**NEXT MEETING  
SEPT 18**

CALIFORNIA MICROWAVE CO, SUNNYVALE  
BE THERE 7 P.M.  
PIZZA AND EXTRAS 7:30 P.M.

SPECIAL GUEST SPEAKER  
**LARRY MURDOCK K6AAW**  
FOR DIRECTIONS SEE MAP PAGE 9

## THE TV GUIDE

OCTOBER IS CQP MONTH!

Don't miss the best State QSO party in the country. What QSO party is that? Why, the California QSO Party, of course, sponsored by our very own NCCC. At our meeting this month we hope to have a special guest, Larry Murdoch, K6AAW. Larry has been going on county expeditions almost every year for the last decade. He holds more county records than anyone else in the state. Larry will be driving down all the way from Red Bluff just to give us a talk, so let's have a good turnout for him! Learn the tricks of successful county DXpeditioning from one of the masters.



Our next meeting will also feature a new meeting location, courtesy of Dr. Dave Leeson, W6QHS. We will meet at the California Microwave Company in Sunnyvale, just off 101 (see map elsewhere in this issue). Meeting will start at 7:30 p.m. Per NCCC tradition, Round Table Pizza will be served at the meeting (we will ask for delivery by 7:30 p.m.) Come join the fun and check out the new meeting place!

Our publicity campaign for the California QSO party has begun in earnest. First, Al, AD6E, mailed party invitations to over 550 stations in and out of state. Al also lined up sponsors for a new CQP T-shirt to be awarded to the top finishers. Plans are for a handsome new design featuring a county map of California. Second, W6QHS has sponsored yet another T-shirt to encourage more JA activity in contests: the WASABE award. See article elsewhere in this issue. This award could really make DX contesting more fun for us poor DX-starved West Coast contesters. What a neat idea!

And finally Ace, N3AHA, will be coordinating all county DXpeditions for this year's CQP. Ace's job is to make sure we have coverage in all 58 California Counties this year, as in the past. But we need your help (he can't drive to all the counties himself)! Ace will have a map at the meeting so we can see where we still need stations. Come to the meeting and check it out.

Last month we had a super picnic at the beautiful home of Jack Morgan, W1FEA, near Auburn. Thanks Jack! It was especially fun working Jim Neiger, N6TJ/ZD8Z, using a 2000' Rhombic at 220' on Ascension Island. At one point Jim was saying "standing by for NCCC picnic only!" What a kick

What about SWEEPSTAKES?! The NCCC is Number 1. 100K is all we ask. N6IP has done some calculations. We can win this, but we  
(Guide Cont Page 2, col 1)

( Guide Cont; from page 1 )

all need to make a serious effort. I'll be operating PHONE (really) all out from my home station (you know I must be serious if I'm going to operate phone). What will YOU be doing in the 1992 SS? The ARRL is sponsoring a plaque program this year. The following NCCC members have generously agreed to sponsor the following Pacific Division SS award plaques:

High Power	CW WA7NIN
High Power Phone	WA7NIN
Multi-multi	CW WA7NIN
Multi-multi Phone	WA7NIN
Low Power CW	N6TV
Low Power Phone	WX7P
QRP CW	(open)
QRP Phone	(open)

These awards are in addition to the other ARRL awards: SS participation pins, clean-sweep mugs, and section certificates. Plus our own NCCC will be issuing KB-1000 and KB-2000 awards and other SS participation awards. Let's KB!

Directors are new and will try  
 To work with new pres by and by.  
 Just hope our actions  
 Ain't such distractions  
 To give TV Bob TVI!  
 de AE6Y

## BULLETIN BOARD

### CHALLENGE

In order to assure a huge showing in the CQP, the editor, myself, of YE JUGGE, herewith and hereby challenges all NCCCers to a scoring duel in the Main Event of CQP. Correct: the OT himself with his QRP, stubby pencil and zepp will take on the YSs with their 486's, max power, plus rigs and BIG ONES. A DUB to any NCCCer possibly lucky enough to outscore the OT—unless, of course, the OT has a good excuse for a poor to moderate performance, in which case the duel deal is off. Wa-wa-wait! What are the wimps that the OT whips gonna present to the OT? Get it ready.

### CQP SPECIAL

Thanks to the outstanding generosity of  
 HAM RADIO OUTLET  
 kenwood ETO Alpha and M2 Antennas  
 The NCCC will award T-Shirts to the highest scoring  
 operators (as long the supply lasts)  
 T-Shirts will be divided 50% to non-CA, and 50% to CA ops  
 trophy and wine winners will not be eligible.

### FROM ALAN, AD6E

"Just at the last minute, we received funding to go ahead with the CQP tee shirt award. We will be handing out 200 special CQP tee shirts to those who put out the effort for a good score."

### YO GANG

We want to see all of you at the great meeting this month, on the 18th, at, courtesy of **DAVE, W6QHS**, California Microwave in Sunnyvale. There'll be pizza, and soft drinks ordered up from Round Table, DUB awards, aaaaaand a very special guest speaker, **LARRY MURDOCH, K6AAW**, who's coming all the way from Red Bluff to tell you "How to Succeed in CQP With the Right Kind of County DXpeditioning." See MAP, p. 9

**GET A MIKE, GET A KEY!**  
**THE DATE'S OCTOBER 4 & 3.**  
**BE THE BEST THAT YOU CAN BE,**  
**BE THE BEST FOR CQP!**

### NCCC SCORES, SEPTEMBER, 1992

DE N6IP

KEY: S/O = Single Operator	S/O-CW= Single Op, CW			
AA (CW)	QSO	MULT	TOTAL	CLASS
WX7P	501	124	60,150	S/O

IARU "HF World Championship" (RadioSport)				
WA6AUE	1073	132	571,692	S/O-CW

## NORTHERN CALIFORNIA CONTEST CLUB

### OFFICERS

PRESIDENT ..... BOB WILSON, N6TV  
 VICE-PRESIDENT/CONTEST CHR ..... BOB WOLPERT, N6IP  
 SEC/TREAS ..... JIM HOLLENBACK, W6SDM  
 DIRECTOR ..... LOUESE BLOOM, KA6ING  
 DIRECTOR ..... TREY GARLOUGH, WN4KKN  
 DIRECTOR ..... HENRY STEWART, KJ6LD  
 DIRECTOR ..... ANDY FABER, AE6Y

JUG EDITOR ..... JOHN TROSTER, W6ISQ

ASSISTANT TO EDITOR ..... MAGGIE TROSTER, KC6NFE

THE JUG IS PUBLISHED MONTHLY BY THE NCCCC AND IS ITS OFFICAL JOURNAL. COPIES ARE MAILED TO MEMBERS WHOSE DUES ARE UP-TO-DATE.

# OBSERVATIONS

## THE AUGUST PICNIC

de Dave Barton, AF6S

Jack Morgan has five acres on a hilltop above Auburn with a 360-degree-azimuth downslope. He has a guyed tower with a 4-element KLM 40-meter monobander, a small tribander, and a halfwave sloper for 80 meters. A second tower, a 71-foot triangular crank-up, has a TH7.

The house, a multi-car garage with a finished workshop, and a third building enclosed a U-shape interior courtyard where we had the picnic. A pool sits in the corner formed by the house and garage, and a horse corral closes the "top" of the U. The third building is where the ham shack is.

Jack's operating position contains the usual array of HF equipment—except at the right-hand end of the operating table, where his unique and beautiful homebrew linear amplifier stands. It's built in a Hon four-drawer filing cabinet. An overlarge color monitor dominates the left side of the operating position, then flaunting the graphic grandeur of a computer golf game.

A Tektronix screen-storage oscilloscope with a spectrum analyzer plug-in on a scope cart was the most prominent among the other expensive toys. Jack's latest pride, an MFJ-9020 20-meter QRP CW transceiver, was connected to one of the beams. After listening to the signals it brought in, Howard, WZ6Z, eagerly sat down, found someone CQing, and gave a call. The guy, a W2 I think, came right back. In about 15 minutes Howard worked several more stations on the East Coast, in the South, and a mobile in Texas. We were impressed.

An OMs-only group in the shack discussed DOS and OS/2 while Bob, N6TV, installed software on his IBM notebook. Judging by how long it took, must have been difficult. Meanwhile, out on a picnic table, Susan, KA6SEH, gave Howard and Marsha a demonstration of the bed & breakfast inn data-base she is compiling on her technically unchallenging Mac Powerbook.

Outdoors there were pony-cart rides around a small track Jack built. The miniature horse, Candyman, pulled the cart, Jack's daughter Carrie held the reins, and various members rode. Bob, N6IP's little daughter Sarah enjoyed the rides—for a while. Jack explained that this miniature horse breed once provided motive power in California mines. Small of stature they could go into mine shafts having little height.

There was a short meeting, in which 3 new members were voted in: N6IP's wife, Mickey; WZ6Z's wife, Marsha; and Bob Brown, N7STU.

# WOLBERT'S WORDS

DE N6IP

**OPEN SEASON** The fall contest season opens the FIRST weekend of October with the "California SS", a.k.a. the California QSO Party (CQP). Widely recognized as the best state contest, the NCCC sponsored CQP runs from 1800Z Saturday, October 3 until 2200Z, Sunday, October 4. Rules, records, and sample log and summary sheets are in this JUG.

**FLEAS OF 1000 MEGACAMELS** are not sufficient punishment for my blunder in the August JUG. Many of you caught the error on p. 1, showing the wrong date for CQP. My chalkboard is filled with hundreds of hand-scrawled lines stating: CQP IS 3 TO 4 October, 1992; CQP IS 3 TO 4 October, 1992; CQP IS 3 TO 4 October, 1992; Sincere apologies.

**ACE TO THE RESCUE** Ace, N3AHA, is coordinating our effort to activate all 58 California counties. Please help by calling him and "registering" your county of operation. There are still plenty of counties without firm commitments: Ace has the latest list. Packet radio and Ace don't seem to get along much of the time, so his phone and address are: Ace Jansen 51 Kenbrook Circle, San Jose CA 95111 (408) 224-3017

**SWEEPSTAKES** Need motivation to KB in SS? NCCC is offering the KB-500, KB-1000, KB-2000, and the "Jughead" awards. Stay tuned.

**CLASSIFIED PERSONALS** Stations looking for Operators. Golden voiced crew wanted for SS Phone. Check out my N6BT-designed suburban aluminum forest! —N6TV

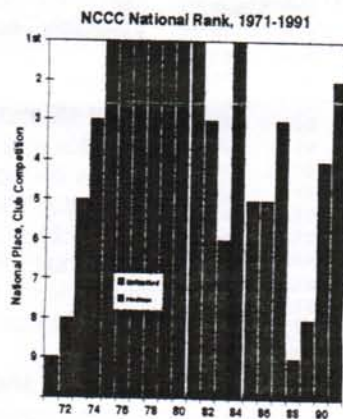
Operators looking for Stations. Need a seat for SS CW and 'Phone —WN4KKN, —N1EE I wanna win SS CW from the West Coast. Help! —AE0M Need a seat for SS Phone —N7STU VP/CC looking for Help. Wanted: area coordinators. Need five or so volunteers to help organize the SS effort. NCCC NEEDS YOU! —N6IP

Please send your contest results via:

1. Packet: N6IP via DXPSN
2. Tel: (408) 258-1015
3. Mail: Bob Wolbert, 10028 Bon Vista Ct., San Jose, CA 95127

Next Month: Sweepstakes Sadistics; What We Have Done, What We Must Do.

**PREVIEW** NCCC's SS Dominance. Six consecutive years of NCCC #1 in SS. You truly sadistical types with good memories will note the 100% correlation between NCCC emphasizing SS and NCCC winning SS.73 & KB



**1992 California(CA) QSO Party (CQP)  
Sponsored by the Northern California Contest Club**

Begins: 1600 UTC - 3 October 1992

Ends: 2200 UTC - 4 October 1992

- OBJECT:** Stations outside of California work as many California stations in as many CA counties as possible. Stations in California work anyone.
- EXCHANGE:** California stations send QSO number and county. Stations outside of California send QSO number and State, Province, or Country.
- QSO POINTS:** Each complete non-duplicate Phone contact is worth 2 points. Each complete non-duplicate CW contact is worth 3 points. No partial contact credit. Duplicate contacts must be clearly identified in log.
- MULTIPLIERS:** California stations count states (50) and Canadian Provinces (VO/VE1-7 and VY1/VE8) for a possible total of 58. All others use California counties for a maximum of 58. CA stations on a county line may be claimed as a multiplier for any or all of the counties they give in their exchange. Number each multiplier as worked.
- SCORE:** The total score is the total number of QSO points multiplied by the total number of multipliers (58 Maximum).
- FREQUENCIES:** 160, 80, 40, 20, 15, 10, 6, and 2 Meters. WARC band contacts do not count. CW on 1805 and 40 KHz up from band edge. Phone on 1815, 3850, 7230, 14250, 21300, and 28450 KHz. Novices 10 KHz up from band edge and 28450.  
Try CW on the half hour.  
Try 160 meters at 0500 UTC; 80/75 meters at 0300 and 0700 UTC.  
Try 147.54 MHz at 2000, 0000, and 0400 UTC.
- ENTRY CLASS:** Single Operator, Multi-Single, Multi-Multi, California County Expedition, Mobile, and Novice/Technician.

- Single Operator entries limited to 24 hours maximum; off times must be clearly marked in the log and be a minimum of 15 minutes.
- Multi-Operator entries may operate the full 30 hours.
- Stations may be worked once on CW and once on Phone per band.
- Single Operator and Multi-Singles entries are allowed only one transmitting signal.
- All CW contacts must be made in the CW sub-band except for 160 Meters. MCW is not permitted.
- All contacts must be simplex.
- California stations that change counties are considered to be a new station and may be contacted again for point and multiplier credit. California stations operating on a county line may be counted only as one QSO.

**ENTRIES:** All logs and signed summary sheets must be submitted to NCCC, c/o Ken Anderson, K6PU, Box 853, Pine Grove, CA 95665. Entries may be submitted in CT Version 8 format with .BIN, .SUM, and .ALL files on 5 1/4 or 3 1/2 diskettes (no 2.88M diskettes) with a signed hardcopy summary sheet. Label each diskette with call, entry category and state/county/province/country. All entries must be postmarked no later than 15 November 1992. Please include \$1.00 for results if desired. Entries of 200 or more QSOs must include duplicate check lists. For a CQP paperwork package containing log and summary sheets, county abbreviations, and contest records, send a business size SASE to the above address.

**AWARDS:** Certificates - To top Single Op entry in each CA county, state, province, country, and stations with 100 or more QSOs.

Trophies - To top three non CA Single-Op entries, top three CA Single-Op, top CA Multi-Single, top CA Multi-Multi, top Single and Multi-Op CA County expeditions.

Special CQP Wine Award - The top 20 CA and top 20 Non-CA Single-Op operators will receive a personalized bottle of NCCC Private Reserve California Wine. Winners under the age of 21 will receive a non-alcoholic personalized award.

Special Trophies - To the CA and non-CA Single-Ops with the most CW QSOs, to the Mobile Single-Op or Team with most total QSOs, to the top CA and non-CA Single-Op low power entries (200 watts or less), to the top CA and non-CA Single-Op Novice/Technician entries, to the top scorer outside of the USA and Canada, and to the top club in California (5 entries minimum - NCCC and SCCC are ineligible).



CALLSIGN \_\_\_\_\_

COUNTY/STATE/PROV/CNTRY \_\_\_\_\_

DATE	BAND	MODE	UTC	STATION	SENT	RECEIVED		MULT	PTS
					NR + ↓	NR	CTY/ST/PROV/CNTRY		
					1				
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					0				
					1				
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					0				
					1				
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					0				
					1				
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					0				
					1				
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					0				

Number each multiplier as worked

CW QSOs = 2 Points Phone QSOs = 2 Points

CALIFORNIA QSO PARTY (CQP) Sponsored by the Northern California Contest Club (NCCC)

Call \_\_\_\_\_ County/State/Province/Country \_\_\_\_\_

QSO s

BAND	CW	PHONE	
160			
80			
40			
20			
15			
10			
6			
2			
TOTAL			TOTAL
MODE QSOs			COMBINED
			QSOs

CLASS (check all that apply)

- Single Operator
- Multi-Single
- Multi-Multi
- California County Expedition
- Mobile
- Novice/Technician

Operator(s) \_\_\_\_\_

Power level \_\_\_\_\_

Club Competition(5 logs minimum)

	X3	X2
MODE QSO POINTS		

TOTAL POINTS

\$1.00 Enclosed for results

TOTAL MULTIPLIER  X  =  Maximum 58

FINAL SCORE

California Counties and their Abbreviations  
(Non-CA stations please check off counties as worked and submit with your log.)

Alameda	Ala	Marin	Marn	San Mateo	SM
Alpine	Alp	Maniposa	Marp	Santa Barbara	SBar
Amador	Ama	Mendocino	Mend	Santa Clara	SCla
Butte	Butt	Merced	Mer	Santa Cruz	SCrz
Calaveras	Cala	Modoc	Modo	Shasta	Shas
Colusa	Col	Mono	Mono	Sierra	Sie
Contra Costa	CCos	Monterey	Mont	Siskiyou	Sisk
Del Norte	DelN	Napa	Napa	Solano	Sol
El Dorado	Eld	Nevada	Nev	Sonoma	Son
Fresno	Fres	Orange	Org	Stanislaus	Stan
Glenn	Glen	Placer	Pla	Sutter	Sut
Humboldt	Humb	Plumas	Plu	Tehama	Teh
Imperial	Imp	Riverside	Riv	Trinity	Trin
Inyo	Inyo	Sacramento	Sac	Tulare	Tul
Kern	Kern	San Benito	SBen	Tuolumne	Tuol
Kings	King	San Bernardino	SBer	Ventura	Vent
Lake	Lake	San Diego	SDgo	Yolo	Yolo
Lassen	Las	San Francisco	SF	Yuba	Yuba
Los Angeles	LAX	San Joaquin	SJoa		
Madera	Mad	San Luis Obispo	SLO		

Multiplier Abbreviations for California Entries  
(CA Stations - Please check off multipliers worked and submit with your log)

Alabama	AL	Massachusetts	MA	South Dakota	SD
Alaska	AK	Michigan	MI	Tennessee	TN
Arizona	AZ	Minnesota	MN	Texas	TX
Arkansas	AR	Mississippi	MS	Utah	UT
California	CA	Missouri	MO	Vermont	VT
Colorado	CO	Montana	MT	Virginia	VA
Connecticut	CT	Nebraska	NE	Washington	WA
Delaware	DE	Nevada	NV	West Virginia	WV
Florida	FL	New Hampshire	NH	Wisconsin	WI
Georgia	GA	New Jersey	NJ	Wyoming	WY
Hawaii	HI	New Mexico	NM	VO-VE1	
Idaho	ID	New York	NY	Maritime	MAR
Illinois	IL	North Carolina	NC	Quebec	Que
Indiana	IN	North Dakota	ND	Ontario	ONT
Iowa	IA	Ohio	OH	Manitoba	MAN
Kansas	KS	Oklahoma	OK	Saskatchewan	SK
Kentucky	KY	Oregon	OR	Alberta	ALTA
Louisiana	LA	Pennsylvania	PA	British Col.	BC
Maine	ME	Rhode Island	RI	NWT/Yukon	NWT/Yu
Maryland/DC	MDC	South Carolina	SC		

Name \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Tel # \_\_\_\_\_

Age \_\_\_\_\_ T-Shirt size LG XLG

Signature \_\_\_\_\_ Date \_\_\_\_\_

## California QSO Party All Time Records

### California

	Call	Year	Score	QSOs	Mult
Alameda	W6S2M	80	232,788	1939	57
Alpine	W6XB	79	70,700	707	50
Amador	N6TIB	89	183,222	1469	38
Butte	K6AAW	89	184,556	1451	58
Calaveras	K6RK	88	184,804	1210	58
Colusa	K6AAW	88	171,854	1353	58
Contra Costa	N6RO (WA6VEF op)	91	336,699	2725	57
Del Norte	K6HY	89	80,920	641	56
El Dorado	W6TPH	79	193,820	1762	49
Fresno	N6GJI	91	138,738	1217	57
Glenn	K6AAW	89	184,556	1451	58
Humboldt	W6JTI	89	181,134	1323	58
Imperial	AA6PC	91	84,311	425	51
Inyo	WA6DZM	79	128,336	1234	52
Kern	N5FA/6	85	218,254	1788	38
Kings	N6BT (WA6VEF op)	86	258,738	2046	58
Lake	K6HNE	81	189,128	1659	37
Lesser	K6AAW	86	131,254	1017	58
Los Angeles	W6AQ (WA6OTU op)	88	286,452	2065	38
Madera	K6GFW	89	201,492	1737	58
Marin	K6LRH	89	137,655	1036	57
Mariposa	K6HNE	82	199,288	1718	58
Mendocino	NA6T	82	135,945	1116	57
Merced	W6TPH	82	180,512	1434	38
Modoc	W6REC	91	298,623	2438	37
Mono	WA6ZBX	87	111,216	993	56
Monterey	K6CG	89	145,000	1250	38
Napa	W6F5J	90	105,393	735	57
Nevada	A16V	89	288,318	2278	58
Orange	N6GU	91	275,310	2195	57
Piacar	W1FEA/6	91	251,769	1955	57
Plumas	K6AAW	87	126,266	920	58
Riverside	W6TKV	91	188,278	1634	57
Sacramento	W6GO (N6IG op)	91	373,122	3011	57
San Benito	K6GCF	88	189,534	1294	58
San Bernardino	WA6PGV	91	184,509	1479	57
San Diego	K6NA (N6TR op)	89	366,818	2928	58
San Francisco	N6BV	79	232,560	2040	57
San Joaquin	KJ6DL	91	136,059	1157	57
San Luis Obispo	W7CB/6	91	234,612	1960	57
San Mateo	N6BV	82	270,454	2245	58
Santa Barbara	AC6T	91	219,222	1761	57
Santa Clara	N6BT (WA6VEF op)	88	326,830	2585	58
Santa Cruz	N6RZ (WA6SHD op)	80	276,892	2338	58
Shasta	AA6DX	79	168,378	1619	52
Sierra	K6AAW	91	153,294	1200	58
Siakiyou	K6AAW	90	123,519	1020	57
Solano	W6XM	91	230,394	2017	57
Sonoma	K66ZA	81	136,287	1194	57
Stanislaus	WA6ZBX	90	154,926	1359	57
Sutter	W6XB/6	89	156,465	1231	57
Tehama	AA6DX	88	216,514	1685	58
Trinity	K6AAW	90	123,519	1020	57
Tulare	K16CG	87	89,552	772	58
Tuolumne	N6IP	91	191,888	1491	36
Ventura	N6VR (KA6SAR op)	91	316,158	2465	58
Yolo	N6YKL	91	101,248	901	56
Yuba	W6BSY	90	182,849	1364	57
Multi-Single	N6CW	89	296,438	2390	58
Multi-Multi	N6KT	79	493,928	4238	58
County Expeditions					
Single Op	N6BT (WA6VEF op)	86	258,738	2046	58
Multi-Op	N6KT/6	78	306,356	2641	58
Novice/Tech	N6ZJM	91	59,576	677	44
Mobile QSOs	N6BT, WA6VEF & VE7NKI	82		1508	
Most CW QSOs	N6TV	91		1131	
Low Power	W6AB (N6GC op)	89	197,838	1492	58

### State/Province/Continental

	Call	Year	Score	QSOs	Mult
Alabama	KK4TE	90	48,345	430	55
Alaska	KL7AF	88	21,574	176	46
Arizona	K7GM	81	34,522	342	41
Arkansas	WA6SOG	91	47,025	379	57
California	W6GO (N6IG op)	91	373,122	3011	57
Colorado	WA6DTK	91	47,800	357	56
Connecticut	WA1FCM	90	61,389	429	57
Delaware	NX3A	90	55,746	489	57
Florida	K4XS	90	138,968	1106	58
Georgia	WX4G	88	125,106	981	58
Hawaii	K6QSS/KH6	89	36,828	341	54
Idaho	WA1PID/7	79	54,172	467	58
Illinois	K9Z0	89	107,938	850	58
Indiana	KE9I	91	126,848	1028	58
Iowa	W0GEWO	82	91,190	750	35
Kansas	WB0YJT	90	41,776	373	56
Kentucky	KM4FO	90	53,808	412	37
Louisiana	KZ5D	87	38,988	310	54
Maine	WB1GLH	81	25,757	257	37
Maryland-DC	KM3T	88	80,541	606	57
Massachusetts	NB1B	90	93,496	711	58
Michigan	AA8AV	91	63,441	473	57
Minnesota	WA6QIT (KF0FC op)	89	76,676	583	58
Mississippi	N5OYV	90	73,312	631	58
Missouri	W3HDH/3	89	59,070	426	56
Montana	K0PP/7	91	58,408	449	56
Nebraska	KV0I	88	132,124	1039	58
Nevada	WA7NIN (W6OAT op)	83	73,776	606	53
New Hampshire	N1HEO	91	37,128	357	52
New Jersey	W2GD	88	49,452	372	52
New Mexico	K5IID	91	37,620	295	55
New York	N1CC	89	80,245	625	55
North Carolina	AA4NC	88	68,264	524	56
North Dakota	W600	89	51,092	450	53
Ohio	N8LYS	91	66,220	477	55
Oklahoma	N6CL/5	91	55,888	433	56
Oregon	N6TR/7	88	130,500	1030	58
Pennsylvania	N6CQ/3	87	64,314	483	54
Rhode Island	KA1QQW	88	28,764	245	47
South Carolina	W6OKX/4	88	15,540	138	42
South Dakota	K6ERM	91	51,728	373	53
Tennessee	K4LTA	91	94,304	717	56
Texas	W5ASP	91	139,722	1178	58
Utah	K6XO/7	90	73,304	543	56
Vermont	WA1JYV	88	63,918	477	53
Virginia	WA4PGM	91	67,106	507	58
Washington	K7QG	91	95,294	717	58
West Virginia	KC8FS	91	37,476	342	54
Wisconsin	N8BSH/9	90	160,060	1280	58
Wyoming	N7NG (WA6AUE op)	89	66,096	518	51
Maritime-Newfoundland	VE1BNN	81	27,520	212	46
Quebec	VE2MS	89	22,568	217	32
Ontario	VE3BQL	88	30,550	232	47
Manitoba	VE4GV	91	100,920	789	58
Saskatchewan	VE5FN	88	31,200	325	48
Alberta	VE6DZ	88	17,511	159	39
British Columbia	VE7NTT	90	114,956	878	58
NWT-Yukon	VE8CM	89	39,208	338	58
Africa	9L1US	91	13,410	139	43
Asia	JH4CLU	91	24,908	232	52
Europe	4U1TU (N6TR op)	90	57,772	467	52
Oceania	YB2CTW	88	2,425	40	33
South America	PY5ZBA	88	23,920	225	46
N. America DX	XE1/AA6RX	91	9,348	95	38
Novice/Tech	N1HEO	91	37,128	357	52
Most CW QSOs	N6CQ/3	88		340	
Low Power	N8BSH/9	89	109,272	888	58

## JUGOLOGY WINNERS

The last two months involved questions about the famous lines:

"Half a league, half a league  
Half a league onward, etc etc."

The only clue was, for those of you who do not read, that Errol Flynn was in the movie.

Here are correct answers from two scholars.

First from **Garry, N16T**.

"The fellows who rode were: Gs and presumably other G WPXs

Fellows who got rode against: TAs

Where the riding was: UB

Who wrote it: Alfred, Lord Tennyson, or—as an innocent classmate in high school once said, Alfred L Tennyson.

The question you shoulda asked for all us geography-oriented testers and DXers is" how the hell long is a league? 73 de Garry, N16T"

Answer from **Peter, UE6SUN**:

" 'Half a league, half a league  
Half a league onward...."

Ours is not to make reply'

Lord Tennyson did tell us why—  
NCCCs didn't try.

'Ours is not to question why,  
Ours is but to do, or die.'

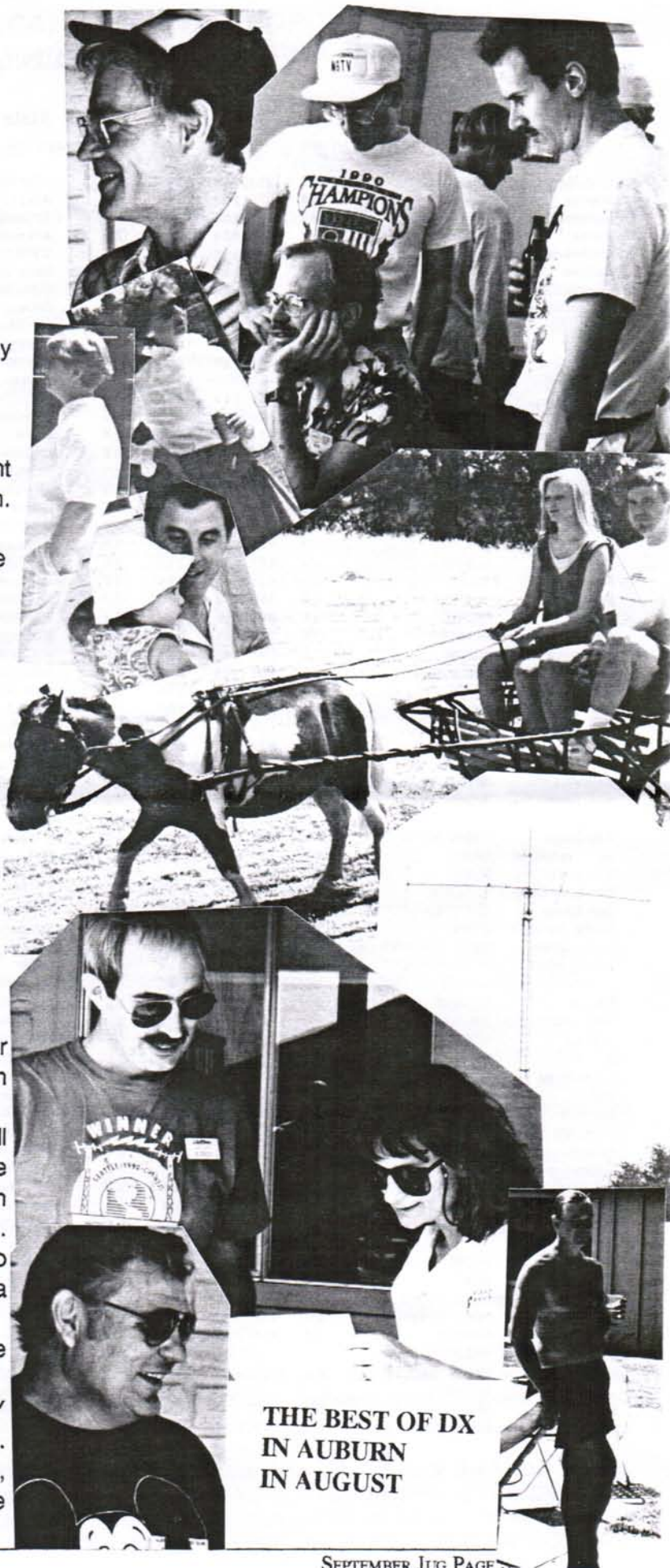
"James Brudenell, Earl of Cardigan,  
To fight invaders from UA-land  
Led the stalwart troops of G-land  
To UB5, and a lucky few, back again."

"The pocket guide to World History, by June and Peter Jennings, tells us: Balaklava, Battle. 1854. Crimean War. Indecisive British Victory at high cost.

Charge of the Light Brigade, Cardigan, James Brudenell Earl of, 1797-1868. British General, led charge of the Light Brigade, Tennyson, Alfred, Lord, 1809-92. English Poet Laureate. Charge of the Light Brigade, 1855. Enoch Arden ,1864 Crossing the Bar. P.S. I have no reason to believe that General Brudenell wore either a cardigan or a balaklava at the battle."

Ed. note. And in real Hollywood life, Errol Flynn led the Light Brigade to immortality.

Anyone have a JUGOLOGY or JUGOGRAPHY question? Send it in and we'll use it in the next JUG. Note: Please send answer with question. The editors, of course, *know* all the answers, they just want to be sure the answer fits the question correctly. Right.





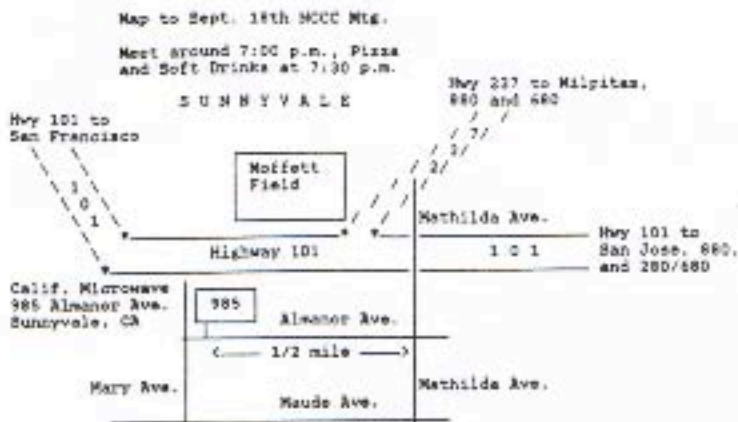
TREASURER'S REPORT  
July 1, 1992 to June 30, 1993

Balance forward		\$1,546.27
Encumbered funds (est.)		360.00
(May, June JUG expense.)		-----
		\$1,186.27
	BUDGET	TO DATE
Membership Dues	\$3,468.00	\$2,513.00
Donnation		\$ 557.00
Jug & Roster Ads	\$270.00	\$ 40.00
Jug Publishing	(\$2,160.00)	(\$0)
CQP	(\$ 900.00)	(\$0)
Membership awards	(\$ 600.00)	(\$0)
Visalia Hospitality	(\$ 200.00)	(\$0)
Self-funding events	\$ 0.00	\$ 1.50
Sponsored awards	(\$ 150.00)	(\$0)
Contingency fund	(\$ 200.00)	(\$ 10.00)
	-----	-----
Total	(\$ 472.00)	\$4,655.77

Notes:

As of Sept. 1 1992 the balance in our Wells Fargo checking account is \$4,655.77, of which \$8.00 is allocated for badge expenses. As usual, the repeater fund is not accounted for in the Treasurer's report. To date 35 members have not paid their dues. Submitted by Jim Hollenback, WA6SDM, Sec./Tres. Sept. 1, 1992

Now N Triple C-ers are grievin'  
The JA's, it seems, are all leavin'.  
If they'll only come back  
And take up the slack  
We'll give them a T-shirt short-sleevin'.  
de AE6Y



Alvanor is frontage road on 101 just west of Mathilda, on Sunnyvale side of 101 opposite Moffett Field. Exit 101 at Mathilda Ave., Sunnyvale direction. Immediately right at first traffic light onto Alvanor, go 1/2 mile to end of Alvanor at Mary, building is last on right, entrance is on farthest side at front, park anywhere.

# WASABE

STAND BY FOR JILLIONS OF JAS,  
AND PRINT MORE QSLs

To: JEICKA

De: W6QHS @ FAX 01-408-353-3402

Re: WASABE!

Hello Tack...

Your W6 friends in the Northern California Contest Club have missed the great participation in the past of many JA stations in the CQWW contest. In order to encourage more JA stations to take part in this year's CQWW (October 24/25 and November 28/29), we will be offering a bonus award, the "Worked All Sixth Area Bonus Event" (WASABE) award.

The WASABE award will be a certificate for 50 U.S. Sixth Area QSO's and an imprinted award t-shirt for 500 Sixth Area QSO's. Valid QSO's are as defined in CQWW rules—one QSO for each band/mode. We will also work with our members to get better QSL response to JA stations.

Lists or logs should include only U.S. Sixth Area stations worked in both modes (disk or paper lists copied from CQWW logs ok), and should be mailed to WASABE, W6QHS @ callbook address. We hope to make this a yearly award. Details are being finalized this week with W26Z, W6OAT, N6IP and N6TV, but I wanted to let you know about WASABE for your JA magazine columns and newsletters.

More to come...

73, Dave W6QHS

W6QHS

de JEICKA

81-423-93-4449.

Hello Dave.

'92 - Sept-3.

I already forwarded 'WASABE' to all 3 major ham magazines (CQ Ham Radio, Mobile Ham & FiveNine) editors. It will be published together with CQ WW DX rules. I also broadcast the info through Nifty Serve (Brother Net of Compu-Serve) Ham Forum. I hope many JAs will be interested your program. Magazine Fax Nr. CQ Ham Radio; Attn. TK17FK 81-3-5295-2100 Mobile Ham; Attn. JF1GLUQ 3-3418-4702 Five Nine; Attn. JAMELY 3-3733-0234

~~See you~~ See you from KH6AM

— 11 STORE BUYING POWER —



# HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

**Phone Hours:**

9:30 AM to 5:30 PM

**Store Walk-In Hours:**

10:00 AM - 5:30 PM

Closed Sundays

**NOW TOLL FREE IN CALIFORNIA!**

**CALL TOLL FREE:**

West ..... 1-800-854-6046

ICOM

**IC-765**



100W HF Transceiver  
General Coverage Receiver  
Maximum Operation Flexibility  
**SALE! CALL FOR PRICE**

DAKLAND, CA 94606  
2210 Livingston St.  
(510) 534-5757  
(800) 854-6046  
Pch. WA9WYB, Mgr.  
1890 at 23rd Ave. ramp

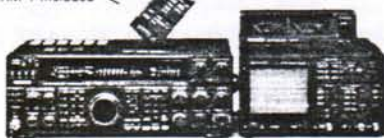
**-NEW ADDRESS-**

SUNNYVALE, CA 94086  
510 Lawrence Expwy #102  
(408) 736-9496  
(800) 854-6046  
Ipn: KB6LUC, Mgr.  
Lawrence Expwy  
So. from Hwy 101

KENWOOD

**TS-950SDX**

RM-1 Included



(Shown with optional SM-230 & SW-2100)

**NEW** 150W MOSFET Finals • Voice Keyer Optional

**NEW** DSP on BX + TX • **NEW** CW Memory Keyer

**NEW** CW Filter in Sub-Band Receiver

**NEW** RM-1 Included • **NEW** S Meter for Sub-Band  
General Coverage RX • Built-In AC Supply

KENWOOD

YAESU

**FT-990**



100W HF Gen Cov Transceiver  
DDS, QSK • 500Hz CW Filter included  
**CALL FOR LOW PRICE**

**CALL FOR SPECIAL  
ICOM AND KENWOOD PRICING  
EFFECTIVE FROM  
SEPTEMBER 15 TO OCTOBER 31**

— **NEW LOCATION! NOW IN SUNNYVALE** —

**ACROSS EXPRESSWAY FROM FRY'S ELECTRONICS**

September 1992

NCCC

44 Toyon Terrace

Danville, CA 94526

FIRST CLASS



Membership paid thru: June 1993  
Charles Epps, W6OAT  
651 Handley Trail  
Redwood City, CA 94062

FIRST CLASS

FIRST CLASS