

The Contest JUG



NEWSLETTER OF THE
NORTHERN CALIFORNIA CONTEST CLUB
34456 COLEVILLE PLACE
FREMONT CA 94546

JUNE 1984

NUMBER 145

PRESIDENT: AJ6V	VP/CC: N6TV	SECTY/TREAS: KN6K
DIRECTORS: K6HNZ, K6KLY, W6RGG, K6TMB	CQP: K6XO	JUG POST PORD: K6HNZ
JUG EDITORS: K6RU/W6SZN	AWARDS: KA6ING	FINANCE: WA6AUE
PROGRAMS: N6ICV		

KB FIELD DAY!

COMING EVENTS

JUNE 23-24:	FIELD DAY	JULY 5:	NCCC BOD AT K6TMB'S QTH
JUNE 25:	NCCC MEETING, HAYWARD	JULY 14-15:	IARU RADIOSPORT

LET'S ERECT THOSE ANTENNAS

Now that the weather is pleasant, let's all go out and erect some big antennas in preparation for the fall contest season: the September Sprints, the October California QSO Party, and the major club effort in the November ARRL Sweepstakes. I'll be busy with antennas because I've recently moved. For those of you sending me written material, my new address is 25811 Estacada Drive, Los Altos Hills, CA 94022. My new home telephone number is (415) 941-6515. My work number remains (415) 852-5379.

While we're preparing for the fall tests, let's not forget the late spring/early summer contests: check out the All Asia phone contest June 16-17, the ARRL Field Day June 23-24, and the IARU Radiosport July 14-15. Field Day is particularly noteworthy because it attracts the largest participation of any domestic contest, and, more importantly, because it tests our readiness for emergencies in which amateur radio might be the major means of communication. During Field Day, people who are primarily contesters intermingle with people who are primarily interested in emergency communications. Both groups benefit. If you don't know of a local club that's sponsoring a Field Day effort, form one of your own.

Thanks to Rick, N6XI, for arranging our May meeting at the British pub. A small but thirsty group of NCCers met to plot strategy for future contests. The upcoming June meeting is an important one, as the membership will be asked to approve the club budget for the coming fiscal year. The board has voted to hold the line on dues at \$12. The June meeting will feature two Carribean DXpedition slide shows from the 1982 and 1983 CQWW.

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All four of the recently proposed amendments to the club bylaws passed by wide margins.

Those of you who don't subscribe to the National Contest Journal are missing out on an informative, lively publication of interest to all contesters. A sampling of article titles from the latest issue includes "Modification of the Hygain HDR300 Rotator", "Kenwood TS-930S & Separate RX Antennas", "Cassette Loops in Phone Contests", "NCJ Operator Referral System", plus letters to the editor, high claimed scores for the CW Sprint, WPX SSB score rumors, etc., etc. \$8 to Editor and Publisher Randy Thompson K5ZD gets you six issues a year.

CU June 25 in Hayward.

73, Ed, AJ6V

MINUTES OF THE
JUNE 1984 BOD MEETING

1. Meeting was held 6-6-84 at the QTH of N6AUV.
Attendees: W6RGG, W6SZN, K6TMB, N6TV, N6ICV, AJ6V, KN6K.
2. General discussion of membership qualifications and reinstatements.
3. W6RGG to investigate contest rules to determine whether a bylaws change is necessary to move the club center for contest area determination. Bob will be assisted by WA6VEF and K6KLY. They will report at the July board meeting.
4. An effort will be made to collect and publish in the JUG scores from contests in which NCCC members participate.
5. The Board voted to submit a NCCC club entry in the CQ WPX contest.
6. A discussion was held on the problem of low check-ins on the Wednesday 2-meter net.
7. Moved by KN6K and seconded by W6RGG that the proposed budget be approved by the BOARD and submitted to the membership at the June membership meeting.
8. Kip, W6SZN, will maintain the JUG mailing list using data from AA4KB and updates from forms returned with dues payments.
9. W6SZN will update the bylaws showing recent amendments and distribute copies to interested members.
10. Discussion of PHONE Sprint contest was deferred to a later meeting.
11. N6ICV will be the program committee chairman for the coming year.
12. Next board meeting will be at the QTH of K6TMB on July 5th at 7:30 p.m.

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THE THRILL OF VICTORY

Congratulations to John Hultquist, K6GSS, winner of the single-op category in the Pacific Division of the 1983 ARRL VHF Sweepstakes. Not content to rest on his laurels, John set out this year to lead a whole crew of VHF nuts (WB6KBZ, NU6S, WA6VEF, NU6P, KE6D, KA6IRT and WA6AZP) in an effort to break the all time Pacific Division record in the multi-op category. They succeeded handily, scoring 1,122 QSO's and 76 multipliers. Congratulations!

Yours truly (rarely heard on VHF or even on phone for that matter) somehow managed to work the group, thanks to a radio lent by good old Alan "So Anyway" Brubaker, K6XO. Working that "Good Strong Signal" was a snap. All I did was push the button and talk.

Congratulations are also due to Mike, N6ICV, who won the East Bay section in last year's contest, and Louese (yes, I spelled it correctly) Bloom, KA6ING, who participated from the Santa Clara Valley section.

Now, as far as the other Sweepstakes is concerned, I have yet to receive a single reply to my open challenge to any contest club to take us on in the 1984 ARRL SS. Be that as it may, it is now June (groan). We must be prepared to take on any of those "rapscallions" from the East Coast. (I asked Rusty what a "rapscallion" was. He told me they're those long green things you buy in the super market.)

Yes folks, "I Want You!" to be an area coordinator (imagine a poster of Uncle Sam). "So what am I supposed to do, buy bonds?" No! All you have to do is invest in the future of the NCCC. Specifically, an Area Coordinator is given a list of about a dozen NCCC'ers to contact, by phone, radio, or two coffee cans with a string. Find out what each member is planning for the 1984 SS. Remind them that the NCCC is going all out this year to win. That's it.

Area coordinators are desperately needed. I just can't call everyone myself, and I don't have enough string. If you'd like to serve as an Area Coordinator, and receive a special award at the December banquet, please drop me a note or see me at the next NCCC meeting. My address is 51 Cheltenham Way, San Jose, CA 95139.

"Ask not what your club can do for you. Ask what can you do for your club."

-- 73, Bob, N6TV

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NCCC RESULTS
February North American Sprint
CW

At our January meeting, the NCCC decided to enter a number of teams in the February cw and phone North American Sprints to see if we couldn't create a bit of intra-club competition. Twenty-one members on four teams sent scores to the National Contest Journal for the cw contest. The results are listed below.

<u>Call</u>	<u>Name</u>	<u>20</u>	<u>40</u>	<u>80</u>	<u>QSOs</u>	<u>Mu</u>	<u>Score</u>	<u>Team</u>	<u>Area</u>
N6XI	Rick	56	90	76	222	39	8,658	NCCC #1	CA
N7NG	Wayne	34	70	114	218	39	8,502	NCCC #1	WY
AJ6V	Ed	53	97	61	211	39	8,229	NCCC #1	CA
W6CF	Jim	56	78	79	213	35	7,455	NCCC #1	CA
WA7NIN*	Rus	35	74	84	193	36	6,948	NCCC #1	NV
W6TI*	Bob	58	89	57	204	34	6,936	NCCC #1	CA
K6XO	Al	50	92	32	174	34	5,916	NCCC #1	CA
K6RU	Ron	32	51	11	94	23	2,162	NCCC #1	CA
					Total		54,806		
N6RZ	Stu	52	47	53	152	31	4,712	NCCC #2	CA
W6SZN	Kip	52	54	52	164	25	4,100	NCCC #2	CA
W6OKK	Pat	36	70	21	127	29	3,683	NCCC #2	CA
AL7H	Al	29	19	9	57	7	399	NCCC #2	AK
					Total		12,894		
W6YX*	Ken	38	50	43	131	29	3,799	NCCC #3	CA
K6LRN	Dick	18	41	26	85	29	2,465	NCCC #3	CA
W6GO	Jay	30	29	36	95	25	2,375	NCCC #3	CA
N6ICV	Mike	23	50	22	95	22	2,090	NCCC #3	CA
NU6O	Dennis	18	39	12	69	21	1,449	NCCC #3	CA
WB6CUA	Randy	12	26	0	38	16	608	NCCC #3	CA
					Total		12,786		
WB6DSV	Geo	32	56	47	135	32	4,320	NCCC #4	CA
N6DA	Don	35	55	33	123	27	3,321	NCCC #4	CA
WA6OCV	Sue	2	7	9	18	7	126	NCCC #4	CA
					Total		7,767		

*WA7NIN op by W6OAT, W6TI by W6RGG, and W6YX by SMØDRD.

The next cw Sprint will be Saturday night, September 15, local time (starting at 00:00 UTC, September 16). This is where the competition really starts, because the NCCC team you are on for this one depends on how well you did in February. The top ten scores will make up September's NCCC #1, the next ten NCCC #2, etc. The only way to move to a higher team or to a higher position within a team is to knock off someone ahead of you!

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Our first three September teams are:

<u>NCCC #1</u>	<u>NCCC #2</u>	<u>NCCC #3</u>
N6XI	SMØDPD	WA6OCV
N7NG	W6OKK	
AJ6V	N6DA	
W6CF	K6LPN	
W6OAT	W6GO	
W6RGG	K6RU	
K6XO	N6ICV	
N6RZ	NU6O	
WB6DSV	WB6CUA	
W6SZN	AL7H	

If you are not on one of these teams and want to jump into the fray, notify W6OAT. The next nine people we hear from will fill out NCCC #3. Then we'll start on #4 and #5.

If you are on one of the seeded teams and discover you will be unable to participate in September, and if you notify W6OAT at least 48 hours before the start of the Sprint that you won't be on, then we'll advance everyone below you one position in order to fill your place. However, we'll also "hold your place" for one Sprint by permitting you to use your February '84 score again to determine your position on the team for February '85. If you don't get on and we don't hear from you, or if you get on but don't send in your score, then you go to the bottom of the pile and have to work your way back up!

1984-85 NCCC BUDGET PROPOSAL

<u>Account</u>	<u>Income</u>	<u>Expense</u>	<u>Net</u>
Membership Dues/Badges Donations	2160	60	2110
Self-Funded Events & Raffles	500	200	300
Publications	650	1250	-600
Hospitality	50	200	-150
Member Awards	0	1000	-1000
Sponsored Awards	0	150	-150
Programs/Entertainment	0	300	-300
Room Rent	0	120	-120
Contingency	0	90	-90
	<u>3360</u>	<u>3360</u>	<u>0</u>

Valid 1983-1999

S U N R I S E A N D S U N S E T

UTC/GMT

Day/Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1512 0132	1440 0202	1354 0231	1313 0258	1249 0323	1251 0333	1312 0316	1338 0237	1403 0152	1433 0110	1504 0051
2	1511 0133	1438 0203	1353 0232	1312 0259	1249 0324	1251 0333	1313 0315	1339 0236	1404 0150	1434 0109	1505 0050
3	1510 0135	1437 0204	1351 0232	1311 0300	1248 0325	1252 0333	1314 0314	1340 0234	1405 0149	1435 0108	1506 0050
4	1509 0136	1436 0205	1350 0233	1310 0300	1248 0326	1252 0333	1315 0313	1341 0233	1406 0147	1436 0107	1507 0050
5	1508 0137	1434 0206	1348 0234	1309 0301	1247 0326	1253 0332	1315 0312	1342 0232	1407 0146	1437 0106	1507 0050
6	1507 0138	1433 0207	1347 0235	1308 0302	1247 0327	1253 0332	1316 0311	1342 0230	1408 0144	1438 0105	1508 0050
7	1506 0139	1431 0208	1345 0236	1307 0303	1247 0327	1254 0332	1317 0310	1343 0229	1409 0143	1439 0104	1509 0050
8	1505 0140	1430 0209	1344 0237	1306 0304	1247 0327	1254 0332	1318 0309	1344 0227	1410 0141	1440 0103	1510 0050
9	1504 0141	1429 0210	1342 0238	1305 0305	1247 0328	1255 0331	1319 0308	1345 0225	1410 0140	1441 0103	1511 0050
10	1503 0142	1427 0211	1341 0239	1304 0306	1247 0328	1256 0331	1320 0307	1346 0224	1411 0138	1442 0102	1512 0050
11	1502 0143	1426 0212	1339 0240	1303 0307	1247 0329	1256 0331	1321 0306	1347 0222	1412 0137	1443 0101	1512 0050
12	1501 0144	1424 0213	1338 0241	1302 0308	1247 0329	1257 0330	1321 0304	1347 0221	1413 0136	1444 0100	1513 0051
13	1500 0145	1423 0213	1337 0241	1301 0308	1247 0330	1258 0330	1322 0303	1348 0219	1414 0134	1445 0059	1514 0051
14	1459 0147	1421 0214	1335 0242	1300 0309	1247 0330	1258 0329	1323 0302	1349 0218	1415 0133	1446 0059	1515 0051
15	1458 0148	1420 0215	1334 0243	1259 0310	1247 0331	1259 0329	1324 0301	1350 0216	1416 0131	1447 0058	1515 0051
16	1457 0149	1418 0216	1332 0244	1259 0311	1247 0331	1300 0328	1325 0259	1351 0215	1417 0130	1449 0057	1516 0052
17	1455 0150	1417 0217	1331 0245	1258 0312	1247 0331	1300 0328	1326 0258	1352 0213	1418 0129	1450 0056	1517 0052
18	1454 0151	1415 0218	1330 0246	1257 0313	1247 0332	1301 0327	1327 0257	1352 0212	1419 0127	1451 0056	1517 0052
19	1453 0152	1414 0219	1328 0247	1256 0313	1247 0332	1302 0327	1327 0256	1353 0210	1420 0126	1452 0055	1518 0053
20	1452 0153	1412 0220	1327 0248	1255 0314	1247 0332	1303 0326	1328 0254	1354 0209	1421 0125	1453 0055	1518 0053
21	1450 0154	1411 0221	1326 0249	1255 0315	1247 0332	1303 0325	1329 0253	1355 0207	1422 0123	1454 0054	1519 0054
22	1449 0155	1409 0222	1324 0250	1254 0316	1248 0332	1304 0325	1330 0252	1356 0205	1423 0122	1455 0054	1519 0054
23	1448 0156	1408 0223	1323 0250	1253 0317	1248 0333	1305 0324	1331 0250	1357 0204	1424 0121	1456 0053	1520 0055
24	1447 0157	1406 0224	1322 0251	1253 0317	1248 0333	1306 0323	1332 0249	1357 0202	1425 0120	1457 0053	1520 0055
25	1445 0158	1405 0224	1321 0252	1252 0318	1248 0333	1306 0322	1332 0247	1358 0202	1426 0118	1458 0052	1521 0056
26	1444 0159	1403 0225	1319 0253	1252 0319	1249 0333	1307 0322	1333 0246	1359 0159	1427 0117	1459 0052	1521 0057
27	1443 0200	1402 0226	1318 0254	1251 0320	1249 0333	1308 0321	1334 0245	1400 0158	1428 0116	1500 0052	1521 0057
28	1441 0201	1400 0227	1317 0255	1251 0320	1249 0333	1309 0320	1335 0243	1401 0156	1429 0115	1501 0051	1522 0058
29	1441 0201	1359 0228	1316 0256	1250 0321	1250 0333	1310 0319	1336 0242	1402 0155	1430 0114	1502 0051	1522 0059
30	1441 0201	1357 0229	1315 0257	1250 0322	1250 0333	1310 0318	1337 0240	1403 0153	1431 0113	1503 0051	1522 0059
31	1441 0201	1356 0230	1315 0257	1249 0323	1249 0333	1311 0317	1337 0239	1403 0153	1432 0111	1503 0051	1523 0100

Latitude 37 25 N Sunnyvale

Longitude 122 03 W

COMPLIMENTS OF W6NLG
May 13, 1983

CLASSIFIED

K6GSS CREW BREAKS RECORD

As noted elsewhere in this Jug, the K6GSS crew set a new Pacific Division multi-op record in the 1984 ARRL VHF Sweepstakes. The band-by-band was as follows:

Band	Q's	Mults
6	262	48
2	587	9
220	99	8
450	150	7
1296	24	4
	<u>1,122</u>	<u>76</u>

The operators wish to express their thanks to the members of NCCC and NDCXC, without whose support the new record would not have been established.

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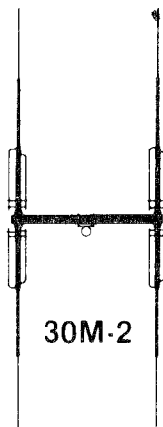
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***KLM* 30 Meter Monoband Yagis**



30M-2

30M-2: SPECIFICATIONS

- Bandwidth: 10.1 to 10.150 MHz
- Gain
- VSWR: less than 1.5:1
- F/B:
- Feed Impedance: 50 ohms
- Element length: 35'3"
- Boom: 3"O.D. x 12'
- Turn Radius: 18'6"
- Weight: 35 lbs
- Windload: 4 sq ft

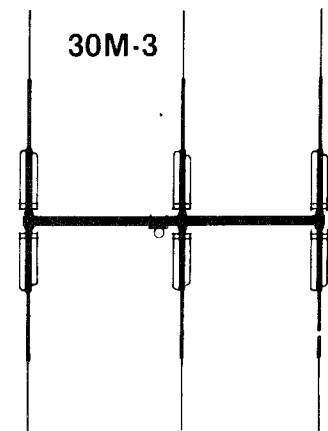
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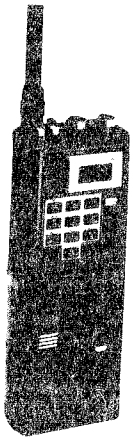
KLM Electronics, Inc.
P.O. Box 816,
Morgan Hill, CA 95037
(408) 779-7363



30M-3

30M-3: SPECIFICATIONS

- Bandwidth: 10.1 to 10.150 MHz
- Gain
- VSWR: less than 1.5:1
- F/B:
- Feed Impedance: 50 ohms
- Element length: 35'3"
- Boom: 3"O.D. x 24'
- Turn Radius: 21'5"
- Weight: 50 lbs
- Windload: 7 sq ft

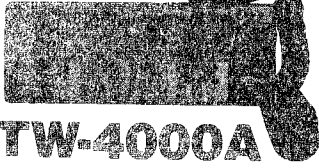


TR-2500

KENWOOD

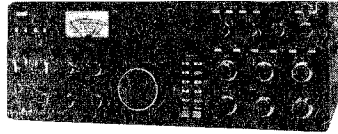
TS-930S

NEW!!



TW-4000A

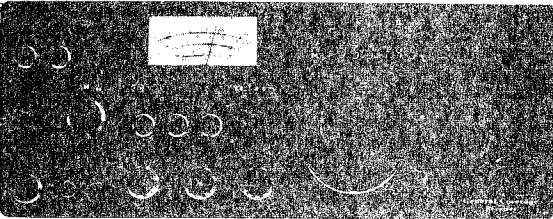
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single package!



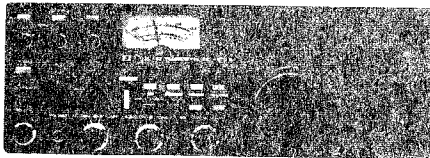
TS-430S



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