

The Contest JUG



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

August 1984

NUMBER 147

| | | | | | |
|--------------|----------------------------|---------|--------|----------------|--------|
| PRESIDENT: | AJ6V | VP/CC: | N6TV | SECTY/TREAS: | KN6K |
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| PROGRAMS: | N6ICV | | | | |

A VISIT TO OMAN

COMING EVENTS

| | | | |
|-----------------------|---|----------------------|--------------------------------------|
| AUGUST 24: | NCCC MEETING HARRY'S HOFBRAU, PALO ALTO | SEPTEMBER 22 (local) | NORTH AMERICAN SPRINT - SSB |
| AUGUST 25-26: | All ASIA CW | SEPTEMBER 24: | NCCC MEETING CWA HALL, HAYWARD |
| SEPTEMBER 5: | BOD MEETING (K6KLY's QTH) | OCTOBER 6-7: | CALIFORNIA QSO PARTY |
| SEPTEMBER 15 (local): | NORTH AMERICAN SPRINT - CW | | |

LLOYD AND IRIS TO ENTERTAIN NCCC

On Friday, August 24, Lloyd (W6KG) and Iris (W6QL) Colvin will highlight our August dinner meeting with a slide show, never before seen on the West Coast, of their operating adventure in Oman, plus high points of their recent South American DXpedition. Are you interested in Sinbad the Sailor, a palace revolt in a society that was closed for hundreds of years, the mysterious statues on Easter Island, why propagation from Robinson Crusoe Island is so bad, the mating habits of 100-year old turtles, or whether there are political prisoners on San Felix Island? Learn all about these and more in an impressive display of photography and narration presented by our very own DX Hall of Famers and contest veterans, Lloyd and Iris Colvin, August 24 at Harry's Hofbrau in Palo Alto (at the golf course near the airport; take Embarcadero east off Hwy. 101). Cocktails starting at 6:30, buffet-style food at 7:15, meeting at 8:00.

The past month has been an interesting one for NCCers. It was great fun operating Olympic Games special event station W230G. It and sister stations W840G and K840G were hugely successful, thanks in large measure to the virtuoso organizational work of Ron, N6AUV. Operator scheduler WA6VEF and large numbers of other NCCers helped get these stations on the air. International phone patches were run for Costa Rica's Olympic soccer team, novel antenna experiments were conducted, and thousands of stations around the world piled up to help us celebrate the opening of the 23rd Olympiad. Local television and the BBC were among the many press organs covering this amateur radio angle to the Olympic story. For the next Olympics, let's try to make radiosport an official Olympic sport. If archery and shooting, which require moderate technical ability and a few seconds of concentration, are Olympic sports, then radio contesting, which requires a high level of technical ability and hours of continuous concentration, deserves to be so recognized also. More significantly, ours is the only sport in which large numbers of people from all over the world can compete simultaneously from their own locations. If this doesn't further the Olympic ideal of international cooperation, what does?

July also witnessed the IARU Radiosport, with WA6VEF and N6KT battling it out from N6RO and AI6V, respectively, for the top spot in the single operator SSB category. The high claimeds show Rich slightly out in front of Gary [Rumor has it that Rich retained his lead after duping -- Ed.] Who said there are no major contests in the summer?

Many NCCers and their family members enjoyed the annual NCCC picnic on August 4. We all owe a round of applause to Lou, K6TMB, who suppressed his socialization instinct all afternoon so he could cook for 35 adults and lotsa children. Lou's chicken sauce included parsley, sage, rosemary, and thyme, but this S & G fan's other ingredients remain secret. Lou was assisted by his charming wife, Ellen. Ellen's only shortcoming is that she's studying to be a lawyer. Duane, W6REC, hurried home from his four-month Pacific odyssey, which included a stop in downtown Kermadec, so he could attend the picnic. His home made chocolate pie won first prize in the side dish contest, and Chef Louis awarded Dapper Duane a bottle of fine Italian chianti for his efforts.

[The seemingly endless Trivial Pursuit team match was finally won in a late surge by the team of Bob Wilson, Kathy Edwards and a host of ringers added to the team on a question-by-question basis. The rivalry between W6SZN and K6TMB (aka "Splish-Splash") will resume at an early date -- Ed.]

CW ops will practice running JA's at 120 per hour during the All Asian CW Contest to be conducted August 24-25, and then the Sprints will be upon us. The CW Sprint will be held September 16 and the phone version on September 23 (each Saturday evening local time). The start time for each contest has been moved up to 0000Z

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because of changing propagation. These devilishly well-conceived contests are only four hours in duration, which makes them very popular with XYL's. The thing that's really unique about the Sprints is the QSY rule, which prevents frequency hogging and was designed to give the popguns a fighting chance against the M16s. The NCCC team lineups for the CW Sprint have been published in the Jug previously. The nine people whose phone Sprint scores appear in this Jug will be on the NCCC #1 team for the phone Sprint. If you're not yet on a team, run, don't walk, to your handheld or telephone and call W6OAT (408-2468282) if your metier is CW, and K6KLY (415-5923165) if your kettle of scrod is sideband.

73, Ed, AJ6V

CONTEST HAPPENINGS

IARU Radiosport

| | | | |
|------------|-----------|-------|----|
| WB6FCR/KH6 | S/O SSB | 2,354 | 91 |
| KE23PQ | S/O Mixed | 446 | 56 |

1984 Armadillo Run

Ed, AJ6V, worked 54 counties in Arkansas, Louisiana and Mississippi, all on 20 CW. All stations worked were mobile.

NEWS FROM THE VHF FRONT

Thanks to all who helped the K6GSS June 1984 VHF crew set a new Pacific Division record. The 106K score was good for 8th nation wide.

Your fellow club members need your help again. On September 8, 1984, WB6KBZ is going to the hills with several NCCC members. The purpose: push George's Pacific Division record higher. Work WB6KBZ at 1 p.m., 3 p.m., 6 p.m., 9 p.m. on 146.490.

And what about K6GSS? I'm going it sideband, single op on 2 meters. Work K6GSS on 147.540 at 1 p.m., 3 p.m., 6 p.m., and 9 p.m. Sunday, work both stations at 9 a.m., 1 p.m. and 3 p.m.

This is a grid square contest. Basically, west of Lawrence Expressway is CM87 and east is CM97.

Your support is appreciated.

John, K6GSS

NCCC WINS OLYMPICS GOLD MEDAL

No, we didn't really get a gold medal, but the NCCC's performance certainly warranted one. Through the tireless efforts of Ron, N6AUV, four special event stations were set up to coincide with the soccer Olympics at Stanford. Through the kindness of W6OG and K6OG, W84OG (for Olympic Games, of course), W23OG and K84OG hit the airwaves with a bang at 0000Z, August 28, 1984. Yours truly made the first QSO on 20 from W84OG. NCCCs staffed W84OG and W23OG for the first weekend. About 48 hours later, over 6,100 QSO's were in the W84OG and W23OG logs.

With the last QSO nine days later, about 11,000 QSO's were made. Quite a showing! A special QSL card is available. Please send an SASE to Olympic Games, P.O. Box 9007, Stanford, CA 94305.

The following folks, listed alphabetically, operated the stations (my apologies to anyone whose call is omitted):

| | | | |
|--------|--------|--------|--------|
| AA6AD | K6GSS | K6KLY | W6SZN |
| W6ASH | KS6H | W6NLG | K6TMB |
| N6AUV | N6ICV | WA6OCV | N6TU |
| WA6AZP | N6IIU | W6PKB | K6UD |
| KA6BIM | KA6ING | KE6PQ | AJ6V |
| N6BT | K6ITL | AA6PZ | WB6VAL |
| N6BZA | N6JLJ | W6REC | WA6VEF |
| K6CSL | W6JXV | W6RGG | W6VG |
| WB6DSV | W6JZU | N6RZ | K6XD |
| W6EEN | WB6KBZ | K6SSJ | W6XX |

Look for stories on the operation and the role of amateur radio at the soccer Olympics in World Radio and November QST.

73, Kip, W6SZN

NCCC SCORES -- NORTH AMERICAN SPRINT

The following NCCCs submitted scores in the NCCC Team Competition for the Spring North American Sprint - SSB:

| | | | |
|--------|--------|-------|-------|
| WA6VEF | 11,653 | W6OAT | 3,999 |
| WA6BOB | 4,980 | NU6O | 3,654 |
| K6GSS | 4,464 | N6DA | 3,570 |
| WA6OCV | 4,368 | N6ICV | 2,622 |
| WB6KBZ | 4,321 | | |

Twenty-five NCCCs signed up to participate in the Team Competition but, as shown above, only 9 sent me their summary sheets. What happened to the rest of you guys?

The Fall Phone Sprint will be held on September 22 (local). Anyone wishing to participate should give me a call (415-592-3165) by September 13 so I can add you to an NCCC team. Those listed above are automatically on Team No. 1.

73, Russ, K6KLY

C Q Z O N E S

NLG OP AID #1

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|------------|
| A2-----38 | HK-----09 | PZ-----09 | UV-UW | YB-YD 28 | 8Q 22 & 39 | *3 *3 * |
| A3-----32 | HKØ/MI 09 | S2-----22 | 6-----16 | YI-----21 | 8R-----09 | A,K,N,W * |
| A4-----21 | HKØ/SA 07 | S7-----39 | 9-----*9 | YJ-----32 | 9G-----35 | KHØ-----27 |
| A5-----22 | HL-----25 | S9-----36 | UY-----16 | YK,YO 20 | 9H all 15 | KH1-----31 |
| A6-----21 | HP,HR 07 | SJ-SM 14 | UZ Ø---*Ø | YS-----07 | 9I,9J 36 | KH2-----27 |
| A7-----21 | HS-----26 | SO-SQ 15 | UZ 1---*1 | YU-----15 | 9K-----21 | KH3-----31 |
| A9-----21 | HT-----07 | ST,STØ 34 | UZ 2---15 | YV-----09 | 9L-----35 | KH4-----31 |
| AHØ-AL7*3 | HV-----15 | SU-----34 | UZ 3---16 | YVØ-----08 | 9M2-----28 | KH5-----31 |
| AP-----21 | HZ-----21 | SV all 20 | UZ 4---16 | Z2-----38 | 9M6,8 28 | KH6-----31 |
| BV-----24 | I-IW 15 | T2-----31 | UZ 6---16 | ZA-----15 | 9N-----22 | KH7-----31 |
| BY 23 & 24 | IA5,IBØ15 | T30-----31 | UZ 9---*9 | ZB-----14 | 9Q-----36 | KH8-----32 |
| C2-----31 | IC,IE9 15 | T31-----31 | V2-----08 | ZC4-----20 | 9U-----36 | KH9-----31 |
| C3-----14 | IF9-----15 | T32-----31 | V3-----07 | ZD7-----36 | 9V-----28 | KL7-----01 |
| C5-----35 | IG9,IH933 | T5-----37 | VEØ /MM | ZD8-----36 | 9X-----36 | KP1-----08 |
| C6-----08 | IMØ,IS 15 | T7-----15 | VE1 all 05 | ZD9-----38 | 9Y-----09 | KP2-----08 |
| C8,9 37 | IT-----15 | TA-TC 20 | VE2 02&05 | ZF-----08 | A/-----37 | KP3----- |
| CE1-8 12 | J2-----37 | TF-----40 | VE3-6 04 | ZK all 32 | ***** | KP4-----08 |
| CE9 all 13 | J20/A 37 | TG-----07 | VE7-----03 | ZL all 32 | *Ø *Ø * | KP5-----08 |
| CEØ all 12 | J3-----08 | TI,TI9 07 | VE8 W. 01 | ZL5/Ant30 | UAØ,UKØ * | KP6-----08 |
| CM-----08 | J5-----35 | TJ-----36 | VE8 E 02 | ZM7-----31 | UVØ,UWØ * | KX6-----31 |
| CN-----33 | J6-----08 | TL-----36 | VKØGM 29 | ZP-----11 | UZØ * | ***** |
| CO-----08 | J7,8-----08 | TN-----36 | VKØGW 29 | ZR-----38 | A-B 18 | *6 *6 * |
| CP-----10 | JA-JS--25 | TR-----36 | VK/LH 30 | ZS1-6 38 | C-G 19 | UK6 * |
| CR9-----24 | JD all 27 | TT-----36 | VKØ/HI 39 | 1AØ-----15 | H-----18 | A-----16 |
| CT1,2 14 | JT-----23 | TU-----35 | VKØ/MI 30 | 1S-----26 | I-M 19 | C,D 21 |
| CT3-----33 | JW,JX 40 | TY-----35 | VK1-5 30 | 3A-----14 | O-----18 | E-----16 |
| CT4-----14 | JY-----20 | TZ-----35 | VK6-----29 | 3B6-9 39 | Q-R 19 | F,G 21 |
| CX-----13 | KC4AAA | UAØ *Ø | VK7-----30 | 3C,3CØ 36 | S-W 18 | H,I,J 16 |
| D2-----36 | KC4AAC 13 | UA1-----*1 | VK8-----29 | 3D2-----32 | X-----19 | K-----21 |
| D4-----35 | KC4AAD 12 | UA2-----15 | VK9N 32 | 3D6-----38 | Y-----23 | L-----16 |
| D6-----39 | KC4AAE 29 | UA3-----16 | VK9X,Y 29 | 3V-----33 | Z-----19 | O-----21 |
| DA-DL 14 | KC4AAS 32 | UA4-----16 | VK9Z,MR30 | 3X-----35 | ***** | P-----16 |
| DU-----27 | KC4USB 30 | UA6-----16 | VK9Z,WI30 | 3Y-----38 | *1 UA1,UK1 | Q-----21 |
| EA-EH | KC4USV 30 | UA9-----*9 | V01-----05 | 3Y/Ant | UV1,UW1 * | U-----16 |
| 1-7 14 | KC4USX 30 | UB,UC 16 | V02-----02 | 4K1A 39 | UZ1 * | V-----21 |
| 8-9 33 | KC6/E/W27 | UD,UF 21 | VP2 all 08 | 4K1B,C 29 | A-O 16 | W,X,Y 16 |
| EI,EJ 14 | KG4-----08 | UG-----21 | VP5-----08 | 4K1D 38 | PAA 40 | ***** |
| EL-----35 | KHØ-KX6*3 | UH,UI 17 | VP8/Ant38 | 4K1E 29 | PAL 40 | *9 *9 * |
| EP-----21 | LA-LJ 14 | UJ-----17 | VP8ME 38 | 4S-----22 | PAM 40 | UA9,UK9 * |
| ET-----37 | LA/Ant | UKØ-----*Ø | VP8MS 13 | 4U1ITU 14 | PGO 40 | UV9,UW9 * |
| F-----14 | LU-----13 | UK1-----*1 | VP8- | 4U1UN 05 | Q-Z 16 | UZ9 * |
| FB8W,X 39 | LX-----14 | Others13 | VP9-----05 | 4W-----21 | ***** | A,C,F 17 |
| FB8Y---30 | LZ-----20 | UK2-----*2 | VQ9-----39 | 4X,4Z 20 | *2 *2 * | G-----17 |
| FB8Z---39 | N6-----03 | UK3-----16 | VR6-----32 | 5A-----34 | UK2 | H,I 18 |
| FC-----15 | NHØ-NP *1 | UK4-----16 | VS5-----28 | 5B-----20 | A,B,C 16 | J,K,L 17 |
| FG all 08 | OA-----10 | UK5-----16 | VS6-----24 | 5H-----37 | F,G-----15 | M-----17 |
| FH-----39 | OD-----20 | UK6-----*6 | VU,VU7L22 | 5N-----35 | I,L,O 16 | O,P 18 |
| FK-----32 | OE-----15 | UK7-----17 | VU7/A 26 | 5R-----39 | P-----16 | Q-----17 |
| FM-----08 | OH,OHØ 15 | UK8-----17 | VY1-----01 | 5T-5V *35 | Q,R 15 | S 16& 17 |
| FO/C 07 | OJØ-----15 | UK9-----*9 | W6-----03 | 5W-----32 | S 16 | U,V 18 |
| FO 31& 32 | OK,OL 15 | UKØ-----*Ø | WHØ-WP *3 | 5X,5Z 37 | T-----15 | W 16& 18 |
| FP-----05 | ON-----14 | UK1-----*1 | XE,XF 06 | 6T,6U 34 | W-----16 | X-----17 |
| FR all 39 | OR4/Ant | UL,UM 17 | XP-----40 | 6W-----35 | ***** | Y,Z 18 |
| FW-----32 | OX-----40 | UN,UO 16 | XQ-----12 | 6Y-----08 | | ***** |
| FY-----09 | OY-----14 | UP,UQ 15 | XT-----35 | 70-----21 | | |
| G all 14 | OZ-----14 | UR-----15 | XU-----26 | 7J1-----27 | | |
| H4-----28 | P2-----28 | UV,UV | XV-----26 | 7P-----38 | | |
| H5-----38 | PA-PI 14 | Ø-----*Ø | XW-----26 | 7Q-----37 | | |
| HA-----15 | PJ 2-4 09 | 1-----*1 | XZ-----26 | 7X-----33 | | |
| HB,HBØ 14 | 6-8 08 | 2-----15 | Y2-Y9 14 | 7Z-----21 | | |
| HC,HC8 10 | 9-----09 | 3-----16 | YA-----21 | 8J/Ant 39 | | |
| HH,HI 08 | PP-PY 11 | 4-----16 | | 8P-----08 | | |
| | PYØ all 11 | | | | | |

COMPLIMENTS OF
GORDON W6NLG 1/84

Revision # 1

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| A2-----75 | FW-----236 | OA-----130 | UA4-----11 | V02-----49 | ZM7-----235 | 9X---43 |
| A3-----231 | FY-----99 | OD-----19 | UA6-----11 | VP2E---93 | ZP-----125 | 9Y---100 |
| A4-----359 | G,GB 33 | OE-----29 | UA9-----346 | VP2K---94 | ZR-----82 | .A/---19 |
| A5-----330 | GD-----33 | OH-----16 | UB,UC 17 | VP2M---94 | ZS/Ant 156 | |
| A6-----3 | GI-----33 | OHØ-----18 | UD,UF 6 | VP2V---94 | ZS-----82 | ***** |
| A7-----7 | GJ-----33 | OJØ-----19 | UG-----10 | VP5-----95 | ZS2/Edw128 | *2 *2 |
| A9-----7 | GM-----31 | OK,OL 26 | UH-----0 | VP8/Ant157 | ZS2/Mar128 | |
| AHØ-AL7 *3 | GU-----35 | ON-----31 | UI-----351 | VP8/Fal145 | ZS3-----79 | UK2 |
| AP-----345 | GW-----34 | OR4-----162 | UJ-----351 | VP8/Geo139 | 1AØ-----32 | A,B 17 |
| BV-----306 | H4-----255 | OX-----33 | UKØ-----346 | VP8/Ork148 | 1S-----300 | C-- 17 |
| BY-----319 | H5-----82 | OY-----27 | UK1-----11 | VP8/San140 | 3A-----34 | F 21 |
| C2-----258 | HA-----25 | OZ-----25 | UK1/FJL 1 | VP8/She154 | 3B6,7 4 | G---18 |
| C3-----38 | HB-----32 | P2-----263 | UK2-----*2 | VP9-----78 | 3B8-----2 | I,L 17 |
| C5-----70 | HBØ-----31 | PA-PI 30 | UK3-----11 | VQ9/Cha333 | 3B9-----343 | O---17 |
| C6-----95 | HC-----125 | PJ 2-4 104 | UK4-----11 | VQ9/Far 15 | 3C-----60 | P----17 |
| C8,9---70 | HC8-----135 | 6-8 94 | UK5-----17 | VQ9/Ile 9 | 3CØ-----66 | Q----18 |
| CE1-8 139 | HH-----99 | 9 104 | UK6-----11 | VQ9/Ald 24 | 3D2-----237 | R----17 |
| CE9all 155 | HI-----98 | PP-PY--112 | UK7-----350 | VR6-----188 | 3D6-----72 | S,T 17 |
| CEØA---168 | HK-----115 | PYØ/F 93 | UK8-----351 | VS5-----296 | 3V-----36 | W---17 |
| CEØX---141 | HKØ/MI 122 | PYØ/T 105 | UK8H---0 | VS6-----308 | 3X-----71 | ***** |
| CEØZ---145 | HKØ/SA 114 | PZ-----100 | UK9-----346 | VU-----337 | 3Y-----133 | *3 *3 |
| CM-----101 | HL-----311 | S2-----328 | UL-----350 | VU7/L 341 | 4K1-----180 | |
| CN-----49 | HP-----116 | S4-----82 | UM-----348 | VU7/A 319 | 4S-----330 | A,K,N,W |
| CO-----101 | HR-----117 | S7-----5 | UN-----19 | VY1-----338 | 4U1ITU 33 | KHØ--283 |
| CP-----126 | HS-----313 | S8-----82 | UO-----18 | WHØ-WP *3 | 4U1UN 70 | KH1--241 |
| CR9-----309 | HT-----119 | S9-----64 | UP-----18 | XE-----125 | 4W-----16 | KH2--283 |
| CT1-----47 | HV-----32 | SJ-SM 20 | UQ-----18 | XF4-----150 | 4X,4Z 21 | KH3--257 |
| CT2-----54 | HZ-----12 | SO-SQ 22 | UR-----17 | XP-----33 | 5A-----37 | KH4--276 |
| CT3-----55 | I-----32 | ST-----29 | UT-----17 | XQ-----139 | 5B-----21 | KH5--239 |
| CT4-----47 | IA-----30 | STØ-----33 | UV,UW | XT-----61 | 5H-----34 | KH6--253 |
| CX-----129 | IC-----32 | SU-----24 | Ø-----346 | XU-----308 | 5N-----58 | KH7--276 |
| D2-----68 | IG9-----36 | SV/D 24 | 1-6 11 | XV-----306 | 5R-----29 | KH8--231 |
| D4-----73 | IH-----35 | SV/G 27 | 9-----346 | XW-----314 | 5T-5V 66 | KH9--275 |
| D6-----31 | IM-----34 | SV/C 27 | UY-----17 | XZ-----322 | 5W-----232 | KL7--333 |
| DA-DL 29 | IS-----35 | SV/MA 25 | UZØ-----346 | Y2-Y9 27 | 5X-----38 | KL9--275 |
| DU-----298 | IT-----34 | T2-----243 | UZ1-6 11 | YA-----350 | 5Z-----33 | KP1--101 |
| EA-EH | J2-----19 | T3Ø-----256 | UZ9-----346 | YB-YD 292 | 60-----20 | KP2--94 |
| 1-5 42 | J3-----99 | T31-----239 | V2-----94 | YI-----12 | 6T-----29 | KP3-- |
| 6 39 | J5-----71 | T32-----229 | V3-----114 | YJ-----244 | 6W-----70 | KP4--95 |
| 8-9 58 | J6-----96 | T4-----82 | VEØ-----MM | YK-----19 | 6Y-----103 | KP5--95 |
| EI,EJ 34 | J7-----95 | T5-----20 | VE1/SP 57 | YO-----22 | 70-----11 | KP6-- |
| EL-----72 | J8-----97 | T7-----31 | VE1/SI 61 | YS-----120 | 7J1-----290 | KX6--266 |
| EP-----6 | JA-JS 303 | TA-TC 22 | VE2-----59 | YU-----26 | 7P-----82 | ***** |
| ET-----25 | JD/MT 286 | TF-----29 | VE3-----62 | YV-----104 | 7Q-----50 | TNX to |
| F-----33 | JD/O 295 | TG-----121 | VE4-----65 | YVØ-----103 | 7X-----41 | W6TPH |
| FB8W---157 | JT-----329 | TI-----119 | VE5-----47 | Z2-----82 | 7Z-----12 | Bill & |
| FB8X---211 | JW-----8 | TI9-----126 | VE6-----31 | ZA-----28 | 8J/Ant 168 | |
| FB8Y---210 | JX-----20 | TJ-----57 | VE7-----17 | ZB-----46 | 8P-----96 | W6NLG |
| FB8Z---258 | JY-----20 | TL-----50 | VE8-----357 | ZC4-----20 | 8Q-----337 | Gordon |
| FC-----34 | KC4-----180 | TN-----60 | VE8-----345 | ZD7-----87 | 8R-----101 | |
| FG all 94 | KC6/E 269 | TR-----62 | VKØ/Ant209 | ZD8-----86 | 9G-----65 | |
| FH-----28 | KC6/W 283 | TT-----70 | VKØ/MI 208 | ZD9-----116 | 9H-----34 | 2/84 |
| FK-----241 | KG4-----100 | TU-----68 | VKØ/MI 219 | ZF-----106 | 9I,9J 58 | REV. Ø |
| FM-----96 | KHØ-KX6 *3 | TY-----62 | VK-----245 | ZK1/N 219 | 9K-----9 | |
| FO/C---154 | LA-LJ 22 | TZ-----65 | VK/LHI 239 | ZK1/S 218 | 9L-----72 | |
| FO-----210 | LA/Ant 180 | UA/Ant 192 | VK9/Nor235 | ZK2-----228 | 9M2-----305 | |
| FP-----57 | LU-----132 | UAØ-----346 | VK9/Coc295 | ZL-----223 | 9M6,8 296 | |
| FR/R 8 | LX-----31 | UA1-----11 | VK9/Chr289 | ZL/Chat216 | 9N-----301 | 37.20 N |
| FR/T---9 | LZ-----24 | UA1/FJL 1 | VK9/Mel252 | ZL/Kerm226 | 9Q-----60 | 122.01 W |
| FR/G---23 | NHØ-NP *3 | UA2-----21 | VK9/Wil256 | ZL/Auck219 | 9U-----45 | |
| FR/J---38 | | UA3-----11 | VO1-----54 | ZL/Camp219 | 9V-----301 | |

CLASSIFIED

DON'T RENEW WITH ARRL!

When you get your annual renewal notice from the ARRL, DON'T send your check to ARRL. Rather, send a check in the requested amount to our Secretary/Treasurer, Keith, KN6K, made payable to the Northern California Contest Club. Why? Since we are an ARRL affiliated club, we're entitled to keep \$2 of the annual dues amount (currently \$25) for our club treasury before forwarding the rest to ARRL.

DUES ARE NOW DUE

If you haven't yet paid your NCCC dues for the current fiscal year, send your \$12 check ASAP to the Secretary/Treasurer, Keith Butts, KN6K, 802 Ticonderoga Drive, Sunnyvale, CA 94087.

New from Top Value Duping Service:

- * Complete computerized log ready for mailing
- * Log includes all QSO information plus multipliers, dupes and QSO points
- * Prefixes identified for WPX
- * Countries identified for major DX contests
- * Cross-check sheet sorted by country
- * Calls sorted in Callbook order within country
- * Hour-by-hour QSO statistics ("rate sheet")
- * Final score calculation

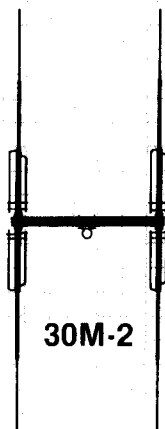
You get all this for just 4¢ per QSO. Customized pressure-sensitive QSL labels are available for an additional 1¢ per QSO.

For complete information, call (408) 629-9480 or write Bob Wilson, N6TV, 51 Cheltenham Way, San Jose, CA 95139. I'll send you a flyer by return mail.

Top Value Duping Service

Call (408) 629-9480

***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

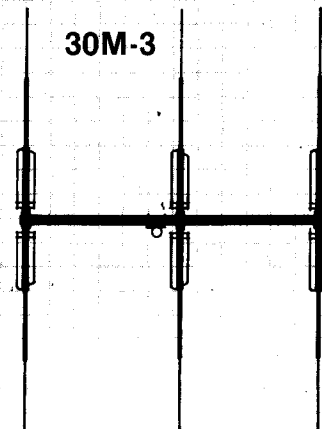
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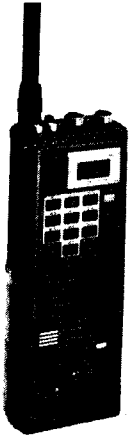
KLM Electronics, Inc.
P.O. Box 816,
Morgan Hill, CA 95037
(408) 779-7363



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



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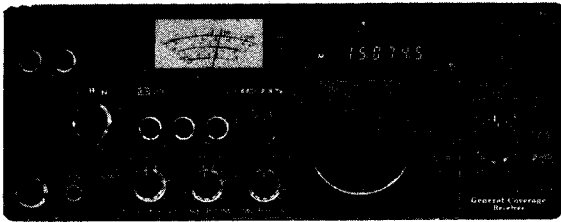


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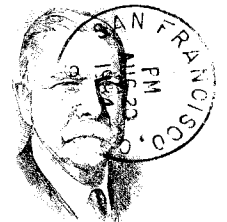
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