

# The Contest JUG



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

MAY 1984

NUMBER 144

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

## NEW OFFICERS

### COMING EVENTS

May 26-27:	CQ WW WPX-CW (SEE THIS JUG)	June 6:	NCCC BOARD OF DIRECTORS MEETING (N6AUV's QTH)
May 28:	INFORMAL GET-TOGETHER AT AN AUTHENTIC SAN JOSE ENGLISH PUB (SEE N6XI REPORT IN THIS JUG)	June 16-17:	ALL ASIA PHONE
		June 25:	NCCC MEETING, HAYWARD

### WE'RE OFF AND RUNNING!

Each year the merry month of May signals the start of a new contest season as the new NCCC Board takes over from the old. The new officers and Board wish to thank President Ken, K6HNZ and his team for the great job they did in 1983-1984.

The annual awards banquet was a real treat, with Master of Ceremonies Tom, N6BT his usual comedic self, and CQP Chairman Alan, K6XO and Awards Chairman Louese, KA6ING pitching in to present a fine set of trophies and certificates to many well-deserving recipients.

Last month's CQ magazine had exciting news for NCCC'ers: members of our humble organization are on top in three of the most important categories in the 1983 CQWW phone high claimed scores list: NUMBER ONE multi-multi in the WORLD was TI1C, manned by K6HNZ, W6SZN, AE6U, and W6TPH, plus non-club members TI2CF, TI2CC, and TI2JVA. PJ2FR, known in the Baylands as Rich Smith, N6KT, was the NUMBER ONE all-band single op in the WORLD. Gary Caldwell, WA6VEF, drove himself and AI6V nonstop to be the NUMBER ONE all-band single op in the USA, the first time this has ever been achieved from the West Coast. All three of these score were miles ahead of their competition. Plenty of other NCCC'ers made the high-claimed list as well. FB!

At its first meeting, your new Board of Directors voted to focus the club's efforts this fall on the ARRL Sweepstakes. Corollary votes were taken to not submit a club

THE CONTEST JUG Number 144 May 1984

score in the 1984 CQWW and not to award any dedicated trophies for members' efforts in the 1984 CQWW per se , so as not to dilute our SS effort. Elsewhere in this JUG is VPCC Bob, N6TV's daring SS challenge to those rascallions from the East Coast (i.e., anything east of Carson City). Let's go all out and win!

The Board feels that trying to win the SS in the unlimited category this year will bring new blood into the club and reinvigorate the non-big guns and non-globetrotters. We are confident that those members who plan to operate in the CQWW will also contribute to our SS effort and provide good examples for newer members and those having less powerful stations. We won the WW in 1981, we almost came in second in 1982, and we may have won again in 1983, so we don't have anything to prove in that arena. Let's demonstrate our versatility by switching to the SS and clobbering those unfortunate souls who don't belong to the world's greatest contest club.

The Board voted its support to the special event station to be set up at the Palo Alto Red Cross during this year's Olympic Games. Find out elsewhere in the JUG how you can participate in this interesting and unusual event.

The club needs chairmen for the membership and finance committees. The membership chairman attracts new members by, e.g., reviewing NR scores and attending meetings of local radio clubs. The finance chairman raises money by holding raffles, selling T-shirts and QSL cards, etc. Ron, N6AUV has promised to share his expertise with the new finance chairman. If you're interested in either of those important positions, please contact any member of the Board.

CU at the informal club meeting in Saratoga on May 28.

-- 73, Ed AJ6V

#### WHISKEY 84 OLYMPIC GAMES?

Through the tireless efforts of Ron, N6AUV, we all have a chance to be part of the 1984 Olympics. As you may know, the soccer games for the Olympics will be held at Stanford. During the period July 28 -- August 9, 1984, a special events station will be operating (hopefully 'round-the-clock) from the Palo Alto Red Cross Headquarters. The call sign will be W6OG which, thanks to the FCC, will become W84OG. The NCCC has been asked to help staff the station (KW, TH6DXX, etc.). If you're interested in operating, contact N6AUV or Louese, KA6ING. We'll have more details in the June JUG.

-- W6SZN

A NIGHT AT THE PUB

In lieu of the May meeting, NCCC'ers will gather at the Britannia Arms pub on Monday, May 28 at 8:00 p.m. (or earlier if you're so inclined) for an informal get-together. Here's your chance to swap WPX war stories and sample some fine English and U.S. firewater.

The Britannia Arms is a pretty authentic English pub. It has about ten tables, a sizeable bar, lots of floor space, two dart boards, and an outdoor patio. They have Bass, Courage, Watney's Guinness and a few other British beers ON TAP plus many bottled beers. They also have draft Anchor Steam from San Francisco and Real London Ale from Palo Alto, a very respectable local imitation of an English bitter. It may well be the best English beer drinking establishment in town.

The pub is located in The Courtyard shopping center on the West side of Saratoga-Sunnyvale Road in the little piece of San Jose that sticks in between Cupertino and Saratoga. It is next door to a dairy bar called The Licks (or something like that), in the southern of two portions of The Courtyard. There is a Byte Shop in the northern portion (separate parking).

Members who already know the joys of English beer drinking won't want to miss it. Others will need to attend in order to understand this sublime pleasure. It should be an excellent warmup for Field Day, VHF SS, and other summer activities.

For those who are sampling English beer for the first time, here is a glossary:

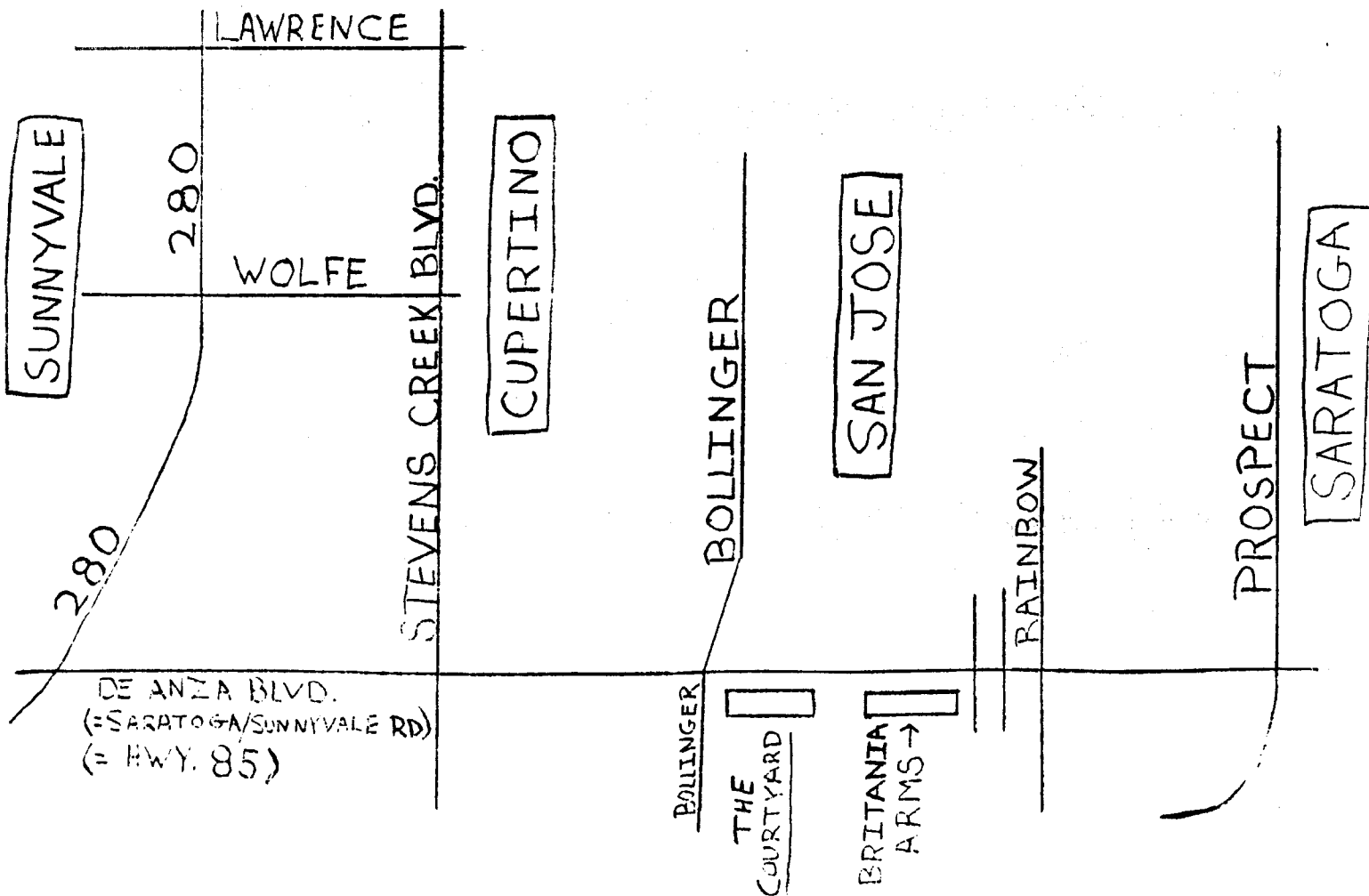
- PINT:           the quantity you order, as in "Give me a pint of bitter, mate." There are also HALVES, but don't bother.
- LAGER:         light colored beer you can see through; looks like American beer but has flavor.
- BITTER:        dark colored ale you can't see through; the best.
- STOUT:         black stuff you can walk on; good for you according to Guinness; tastes like it.

A map of how to get to the Britannia Arms is on the reverse side of this page.

1983 CQWW WPX -- CW RESULTS

The May 1984 issue of CQ contains the results of the dits and dahs weekend of the 1984 CQ WPX. Congratulations to the following NCCC'ers:

K6XO	High score, all band -- 6th call area
W6BIP	High score, 15 meters, 6th call area -- 2nd high U.S.A.
WA6VEF (KI6P)	High score, 20 meters, 6th call area -- 3rd place U.S.A.
N6QR	High score, 40 meters, 6th call area -- 1st U.S.A. -- 1st North America (NEW NORTH AMERICA ALL-TIME RECORD)
N6HR/NH6	High score, 15 meters, KH6 -- 1st Oceania (NEW ALL-TIME RECORD)



THE CONTEST JUG Number 144 May 1984

OPEN LETTER

TO: Members of PVRC, YCCC, Murphy's Marauders, TXDXS,  
NTXCC, MRRC, and any other contest club

FROM: N6TV, Vice President/Contest Chairman, NCCC

"Maybe it's time to whip up a little enthusiasm for club participation in th 1984 SS . . ." -- N1CZC and K1WJ, May 1984 QST

Dear Friends:

Last year, for the second year in a row, PVRC won the "Unlimited Club" competition in the ARRL SS. Fine job. Each year they were the only entrant.

The Northern California Contest Club, after achieving great success in the past three CQ World-Wide contests, has decided to return some dignity to the Unlimited Club competition in the 1984 SS.

The Northern California Contest Club hereby announces that it will ship one case of fine California champagne to any club which wins the Unlimited Club competition in the 1984 SS, provided that club also offers, in an open letter, to ship a native food or drink of similar value to the NCCC if we win. The open letter should be published prior to September 30th, 1984, and the offer must be formally accepted by the NCCC.

We will accept any offer provided: (1) the food or drink is deemed of equal value, and (2) the challenging club agrees to ship the prize within thirty days of publication of the results in QST. Accepted offers will be published in the October 1984 issue of THE CONTEST JUG.

The food or drink should be appropriate for consumption at a club party, so that all members of the club can share in the spoils of victory.

We're looking forward to hearing from you.

73,  
Robert A. Wilson, N6TV  
VP/CC, NCCC

**THE 28TH ANNUAL CQ  
WORLD WIDE WPX CONTEST**

**S.S.B.:** March 24-25, 1984  
**C.W.:** May 26-27, 1984

**Starts:** 0000 GMT Saturday  
**Ends:** 2400 GMT Sunday

**VIII. Scoring:** 1. Single Operator (a) All Band score, total QSO points from all bands multiplied by the number of different Prefixes worked. (b) Single Band score, QSO points on the band multiplied by the number of different Prefixes worked. See VII.

2. Multi-Operated stations. Scoring in both these categories is the same as the All Band scoring for Single Operator.

3. A station may be worked once on each band for QSO point credit. However, prefix credit can be taken only **once** regardless of the number of different bands on which the same station and/or prefix has been worked during the entire contest.

**IX. QRPp Section:** (Single Operator Only). Power must not exceed 5 watts output to qualify for QRPp section competition. You must denote QRPp on the summary sheet and state the actual maximum power output used for all claimed contacts. Results will be listed in a separate QRPp section and certificates will be awarded to each top scoring QRPp station in the order indicated in Section X. These certificates will be marked QRPp and will show your power output. QRPp stations will be competing only with other QRPp stations for awards. All other information contained in these rules is applicable to this section.

**X. Awards:** Certificates will be awarded to the highest scoring station in each category listed under Section IV.

1. In every participating country.

2. In each call area of the United States, Canada, Australia, and Asiatic USSR.

All scores will be published. However, to be eligible for an award, a Single Operator station must show a minimum of 12 hours of operation. Multi-operator stations must show a minimum of 24 hours.

A single band log is eligible for a single award only. If a log contains more than one band, it will be judged as an all band entry, unless specified otherwise. However, a 12 hour minimum is required on the single band.

In countries or sections where the returns justify, 2nd and 3rd place awards will be made.

**XI. Trophies, Plaques and Donors:**

**S.S.B.**

**Single Operator, All Band**

WORLD - North Florida DX Assn.  
U.S.A. - Bob Epstein, K8IA  
CANADA - Garth Hamilton, VE2VY  
CARIB./C.A. - Ray Alea, KC4OV  
EUROPE - Bernie Welch, W8IMZ  
JAPAN - Palm Garden Radio Club  
SO. AMERICA - Ron Moorefield, W8ILC  
WORLD QRPp - Dayton A.R.A.

**Single Operator, Single Band**

WORLD - John N. Reichert, N4RV  
U.S.A. - Richardson Wireless Klub.  
(Joe Johnson, W5QBM Memorial)  
U.S.A. - 7 MHz - William Diggins, WA8LXJ  
U.S.A. - 21 MHz - Ted Pauck, Jr., K8NA  
CANADA - Gene Krehbiel, VE7KB  
EUROPE - Myron E. Crofoot, WB4VQO  
JAPAN - Ken Ruddock, K6HNZ  
WORLD - 21 MHz - Lee Wical, KH6BZF  
WORLD - 7 MHz - William Diggins, WA8LXJ  
WORLD - 1.8 MHz - Arch Doty, Jr., K8CFU/4  
**Multi-Operator, Single Xmtr.**  
WORLD - Mike Badolato, W5MYA

**Multi-Operator, Multi-Xmtr.**

WORLD - Henry Thel, VE7WJ  
U.S.A. - Bert Curwen, KL7IRT

**Contest Expedition**

WORLD - Northern Ohio DX Assn.

• • •  
**C.W.**

**Single Operator, All Band**

WORLD - Canadian DX Assn.  
U.S.A. - Steve Bolia, N8BJQ  
CANADA - Canadian A.R.F.  
EUROPE - Sig. Jakobsson, TF3CW  
JAPAN - Palm Gardens Contest Club  
WORLD QRPp - Nevada A.R.A.  
(George Hewitt WB7OOQ Memorial)

**Single Operator, Single Band**

WORLD - Pedro Piza, Jr., NP4A  
(Pedro Piza, Sr., KP4ES Memorial)  
ASIA - Bruce Frahm, K0BJ  
WORLD - 3.5 MHz - Lance Johnson Eng.  
**Multi-Operator, Single Xmtr.**  
WORLD - Ron Blake, N4KE  
CANADA - Tehrahedral Contest Circle  
EUROPE - Jonas Bjarnason, TF3JB  
**Multi-Operator, Multi-Xmtr.**

WORLD - North Florida DX Assn.  
NORTH AMERICA - Dick Weber, K5IU  
**Contest Expedition**

WORLD - Northern Ohio DX Assn.

**Club (S.S.B. & C.W.)**

WORLD - Canadian DX Assn.  
(Bud Abraham, VE1VR Memorial)  
U.S.A. - Northern Ohio A.R.S.

Trophy and Plaque winners may win the same award *only once* within a **TWO** year period. This does not apply to any QRPp, Club, Expedition or CQ Special Awards. A station winning a World Trophy will not be considered for a sub-area award. That Trophy will be awarded to the runner-up for that area.

**XII. Club Competition:** A trophy will be awarded each year to the club or group that has the highest aggregate score from logs submitted by members. The club must be a local group and not a national organization. Participation is limited to members operating within a local geographical area. (**Exception: DXpeditions especially organized for operation in the contest and manned by members.**) Indicate your club affiliation. To be listed, a minimum of three logs must be received from a club.

**XIII. Log Instructions:** 1. All times must be in GMT. The 18 hour non-operating periods must be clearly shown.

2. Prefix multipliers should be entered only the **FIRST TIME** they are contacted.

**I. Contest Period:** Only 30 hours of the 48 hour contest period permitted for Single Operator stations. The 18 hours of non-operating time may be taken in up to 5 periods anytime during the contest, and must be clearly indicated on the log. Multi-operator stations may operate the full 48 hours.

**II. Objective:** Object of the contest is for amateurs around the world to contact as many amateurs in other parts of the world as possible during the contest period.

**III. Bands:** The 1.8, 3.5, 7, 14, 21, and 28 MHz bands may be used.

**IV. Type of Competition:** 1. Single Operator (a) All Band, (b) Single Band. 2. Multi-operator, All Band *only*. (a) Single Transmitter (only one transmitter and one band permitted during the same time period, defined as 10 minutes, no exception), (b) Multi-Transmitter (one signal per band permitted). **NOTE:** All transmitters must be located within a 500 meter diameter or within the property limits of the station licensee's address, whichever is greater. The antennas must be physically connected by wires to the transmitter.

**V. Exchange:** RS(T) report plus a progressive three-digit contact number starting with 001 for the first contact. (Continue to four digits if past 1000.) Multi-transmitter stations use separate numbers for each band.

**VI. Points:** Contacts between stations:

**1. North America Only**

A) Contacts outside of North America count 3 points on 28, 21, 14 MHz, and 6 points on 7, 3.5, 1.8 MHz.

B) Contacts with other North American countries count 2 points on 28, 21, 14 MHz, and 4 points on 7, 3.5, 1.8 MHz.

C) Contacts within own country count 0 points but are permitted for prefix multiplier credit.

**2. Europe, Asia, Africa, Oceania, S. America**

A) Contacts outside of own continent count 3 points on 28, 21, 14 MHz, and 6 points on 7, 3.5, 1.8 MHz.

B) Contacts with other countries on own cc 8, 21, 14 MHz, and 2 points on 7, 3.5, 1.8 MHz.

C) Contacts within own country count 0 points but are permitted for prefix multiplier credit.

**VII. Multiplier:** The multiplier is determined by the number of different prefixes worked. A "PREFIX" is counted once during the entire contest regardless of how many times the same prefix is worked.

A "PREFIX" is considered to be the three letter/number combination which forms the first part of an amateur radio call (N1, W2, WB3, K4, AA6, WD8, 4X4, DL7, G3, IT9, KH2, AL7, NP2, WP4, 9M2, CT9, 4J9, PY7, VK4, JE3, VE3, Y32, Y33, Y45, AN8, AB8, H44, KT4, etc.). A station in a call area different than that indicated by its call sign is required to sign portable. The portable prefix would be the multiplier. Example: W8IMZ/4 would count for prefix W4 only and W8IMZ/LX would count for prefix LX0 only.

Special event, commemorative, and other unique prefix stations are also encouraged to participate.

3. Logs must be checked for duplicate contacts and prefix multipliers. Recopied logs must be in their original form, with corrections clearly indicated.

4. An alphabetical/numerical check list of claimed PREFIX multipliers must be sent along with your contest log. (A prefix is counted one time only.)

5. Each entry must be accompanied by a Summary Sheet listing all scoring information, the category of competition, and the contestant's name and mailing address in BLOCK LETTERS.

Also submit a signed declaration that all contest rules and regulations for amateur radio in the country of the contestant have been observed.

6. Official log and sample summary sheets are available from CQ. A large self-addressed envelope with sufficient postage or IRCs must accompany your request.

If official forms are not available, you can make your own with 40 contacts to the page.

**XIV. Disqualification:** Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct, taking credit for excessive duplicate contacts, unverifiable QSO's or multipliers will be deemed sufficient cause for disqualification. Actions and decisions of the **CQ WPX Contest Committee** are official and final.

Your support is appreciated.  
 Logs go to: CQ Magazine, WPX Contest, 76 N. Broadway, Hicksville, NY 11801 or to the new WPX Contest Director:  
 Steve Bolla, N8BJQ,  
 7659 Stonesboro Dr.,  
 Huber Heights, OH 45424 U.S.A.

**XV. Deadline:** All entries must be post-marked no later than May 10, 1984 for the S.S.B. section and July 10, 1984 for the C.W. section. Indicate S.S.B. or C.W. on the envelope. From rare isolated areas the deadlines will be made more flexible.

CLASSIFIED

**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

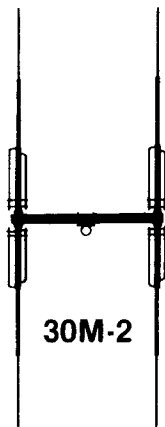
You get all this for just 4¢ per QSO. Customized pressure-sensitive QSL labels are available for an additional 1¢ per QSO.

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

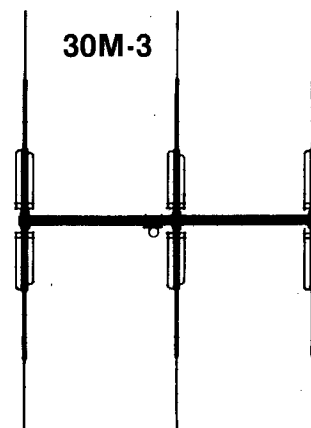
KLM is proud to announce two new high performance monobanders for 30 meters. The KLM 30M-2 and 30M-3 are carefully designed to combine moderate size with superior performance. Either of these compact power-houses can be a valuable addition to your antenna system without overloading the tower or rotator.

- Construction materials feature strong 6063-T832 alloy aluminum element and boom tubing, massive Lexan insulators, and stainless steel hardware for years of reliable service.

- A DC grounded Beta match and KLM's proven 4:1 DC grounded Balun make the 30M-2 and 30M-3 as lightning/static proof as possible. The unique linear loading system keeps element lengths manageable without sacrificing performance.

- The adventure of a new band awaits you. Double your pleasure with the great gain and broadband response of the KLM 30M-2 or 30M-3. See your KLM dealer now!

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

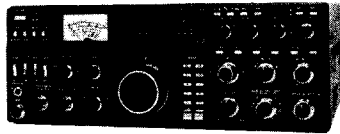
# KENWOOD

TS-930 S

**NEW!!**



**TW-4000A**  
FM "Dual Bander"  
2m and 70cm in a  
single package!



TS-430S



# ETD ALPHA

ALL ALPHA AMPLIFIERS  
IN STOCK FOR FAST DELIVERY

CALL FOR SPECIAL PRICES

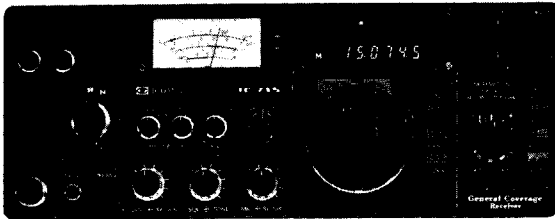


ONE EXAMPLE: **76PA**  
REGULAR \$2395

**SALE! \$1699**



## NEW!! IC-745



## NEW!! IC-751



**NEW!!**

# YAESU

## 757GX

CALL US  
FOR DETAILS

## IC-730 Mobile Transceiver



**SUPER PRICE  
SALE!  
\$599.95**



**Call now for  
your price.**

**BURLINGAME, CA 94010**  
999 Howard Ave., (415) 342-5757  
5 miles south on 101 from S.F. Airport.

**OAKLAND, CA 94609**  
2811 Telegraph Ave., (415) 451-5757  
Hwy 24 Downtown. Left 27th off-ramp.

THE CONTEST JUG-PUBLISHED MONTHLY BY  
THE NORTHERN CALIFORNIA CONTEST CLUB  
34456 COLEVILLE PLACE  
FREMONT, CA 94536



FIRST CLASS  
FIRST CLASS  
FIRST CLASS

W6DAT  
EPPS, CHARLES K  
948-H KIELY BLVD  
SANTA CLARA, CA 95051

EXPIRES: 0684

