

The Contest JUG



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

MAY 1983

NUMBER 133

PRESIDENT: K6HNZ VP/CC: NR61 SECTY/TREAS: KC6D
DIRECTORS: K6KLY, W6OAT, W6SZN, K6TMB JUG POST-PROD: K6HNZ JUG EDITOR: K6RU
COMMITTEES: CQP-K6XO AWARDS-KA6ING PROGRAM- MEMBERSHIP- FINANCE-

NEW OFFICERS-NCCC PICNIC

COMING EVENTS

MAY MEETING PROGRAM

" 4T40 - ADVENTURES IN THE ANDES" BY WA6VEF, N6BT AND N6KT

MAY 21: ARMED FORCES DAY AT NPG

JUNE 4: NCCC PICNIC - HOSTED BY N6RO

MAY 23: NCCC MEETING, CWA HALL,
HAYWARD. 7:30 PM.

JUNE 18-19: ALL ASIAN DX CONTEST - SSB

MAY 28-29: CQWW WPX CONTEST - CW

JUNE 25-26: ARRL FIELD DAY

JULY 9-10: IARU RADIOSPORT CONTEST

PRESIDENT KEN SAYS

MANY THANKS KIP. THAT'S ON BEHALF OF THE WHOLE NCCC FOR THE SUPER JOB YOU DID AS CLUB PRESIDENT OVER THE PAST YEAR. I KNOW IT TOOK A TREMENDOUS PERSONAL EFFORT ON YOUR PART TO COVER SO MANY AREAS SO WELL AND AGAIN WE THANK YOU.

AS WE CLOSE OUT THE 1982-83 CONTEST SEASON IT IS TIME TO TAKE A GOOD LOOK AHEAD TO THE 1983-84 SEASON. IN THE NEXT COUPLE OF MONTHS WE SHOULD COLLECT ALL OF OUR IDEAS FOR CLUB ACTIVITIES IN THE COMING YEAR AND SET THE CLUB OBJECTIVES. IN MY OPINION OUR PROGRAM SHOULD ENCOURAGE PARTICIPATION BY ALL MEMBERS AND SHOULD BE FUN FOR ALL. PLEASE LET US HAVE YOUR SUGGESTIONS. SEVERAL IDEAS HAVE ALREADY BEEN PUT FORWARD. SOME FAVOR TRYING FOR ANOTHER SS CHAMPIONSHIP. OTHERS SUGGEST ANOTHER BIG RUN AT THE CQ WW CLUB CHAMPIONSHIP. ANOTHER POSSIBILITY WOULD BE A SUPER BIG CLUB EXPEDITION TO A CENTRAL AMERICAN COUNTRY, COVERING BOTH MODES, PROBABLY IN THE ARRL DX CONTEST. ANOTHER SUGGESTION WAS FOR A BIG CLUB EFFORT IN THE CQ WW WPX CONTEST. AND OF COURSE WE HAVE OUR OWN SUPER CQP TO SUPPORT. CLEARLY, THE MOST IMPORTANT FUNCTION OF THE BOARD OF DIRECTORS IS THE PLANNING OF THE CLUB CONTEST ACTIVITIES FOR THE COMING YEAR. WE WILL HAVE BEEN SUCCESSFUL IF AT THIS TIME NEXT YEAR WE CAN LOOK BACK AND SAY IT WAS A SUPER YEAR FOR NCCC.

I AM WRITING THIS JUST AFTER RETURNING FROM THE DX CONVENTION IN VISALIA SO THAT OUR EDITOR, K6RU, CAN HAVE THE JUG READY FOR THE PRINTER BEFORE HE ENTERS THE HOSPITAL ON APRIL 28 FOR A HIP OPERATION. BEST WISHES FROM ALL OF US CAM FOR A SPEEDY AND TOTALLY SUCCESSFUL RECOVERY (TNX VY-ED.). YOU HAVE TO BE ON THE FIRING LINE FOR FIELD DAY. CONGRATULATIONS ARE DUE TO THE NCDXC AND THE CONVENTION CHAIRMAN, W6TPH, FOR THE GOOD SHOW THEY PUT ON IN VISALIA.

(CON'T)

PRESIDENT KEN SAYS
(CON'T)

IT WAS WELL ORGANIZED, FEATURED INTERESTING SPEAKERS, THE FOOD WAS GREAT AND I THINK A GOOD TIME WAS HAD BY ALL.

WE ALL HAVE BEEN INVITED TO THE N6RO ANTENNA FARM FOR OUR ANNUAL PICNIC ON SATURDAY, JUNE 4. FULL DETAILS, MAP, ETC. ARE ON A FULL PAGE SPREAD IN THIS ISSUE OF THE JUG. DENNIS EGAN, N6QW, IS THE FOOD COORDINATOR, SO CHECK WITH HIM ON WHAT YOU PLAN TO BRING. THOSE WHO CAN HELP KEN WITH PREPARATIONS PLEASE CONTACT HIM. HE NEEDS PLENTY OF HELP!

TERRIBLE WEATHER AND THE FINAL M*A*S*H* EPISODE LIMITED ATTENDANCE WHEN THE 4T40 STORY WAS TOLD AT THE FEBRUARY NCCC MEETING. WE HAVE PREVAILED UPON GARY, TOM AND RICH FOR A REPEAT SHOWING AT OUR MAY MEETING. DON'T MISS THIS EXCITING ADVENTURE. AT THIS MEETING WE WILL ALSO WELCOME IDEAS FOR CLUB ACTIVITIES IN THE COMING YEAR. I HOPE TO SEE YOU THERE.

73,
KEN, K6HNZ

NCCC 1982 CQWW DX AWARDS

PLAQUES - DOMESTIC

<u>CLASS</u>	<u>SSB</u>	<u>CW</u>
SINGLE OPERATOR	N6BV	N6BV
MULTI/SINGLE	W6BH	N6RZ
2 XMTR. MULTI/MULTI	N6VV	
MULTI/MULTI(UNLIM)	N6RO	N6RO

PLAQUES - DXPEDITIONS

SINGLE OPERATOR	VP5KP (W6SZN)	G5CFJ (K6PU)
MULTI/SINGLE	4T40 (N6BT, N6KT, WA6VEF)	T32AL (AA6DX, KN6Q)
MULTI/MULTI		P42E (N6TU, WB6SHD)

OPERATOR AWARDS - ENGRAVED PAPERWEIGHTS

MULTI/SINGLE	WA6IQM (W6BH)	WA6OCV (N6RZ)
2 XMTR. MULTI/MULTI	K6XV, K6PJY (N6VV)	
MULTI/MULTI(UNLIM)	N6AUV, N6IG, K6TMB, N6NE, N6QW, K9LBQ, N16D, N4ID, KT7W, KN6K, WA6DIL, AA6G.ALL AT (N6RO)	WA6DIL, N6XI, KT7W, N16D, N6DA, K6KM, N6NE.ALL AT (N6RO)

DXPEDITION APPRECIATION AWARDS
ENGRAVED PAPERWEIGHTS

SINGLE OPERATOR	8P6KX (K6KLY), FOØJO (W6GO), G5CFJ (K6PU)	N6HR/KH6 (N6HR), AHØC (N6BT)
MULTI/SINGLE	J2ØDU (W6KG, W6QL), 5W5DM (KB6JK)	
MULTI/MULTI		ZK2RU (K6RU, ZK2BGD)

NCCC PICNIC AND RADIO OAKLEY OPEN HOUSE

SATURDAY, JUNE 4 1:00 PM TIL FADEOUT

FOOD AND DRINK

BEER - COURTESY NCCC

FOOD - COUPLES BRING POTLUCK DISHES SUCH AS CASSEROLE, BEANS, POTATO SALAD, SPAGHETTI AND MEAT BALLS OR OTHER HOT DISHES.

SINGLES BRING SNACKS SUCH AS CHIPS AND DIP, CHEESE, CRACKERS, DESERT, SOFT DRINKS, HOT DOGS, ETC.

IF YOU WANT WINE THEN BRING IT

BAY AREA FOOD COORDINATOR

YOU BAY AREA FOLKS CALL:

DENNIS, N6QW
408)267-7883

HE WILL SORT OUT THE FOOD REQUIREMENTS FOR YOU.

NCDXC MEMBERS INVITED TOO

Son of Return of Dear Ol' Aunt Tenna



ATTRACTIONS

HORSESHOES

BADMINTON
(BRING NET AND EQUIPMENT)

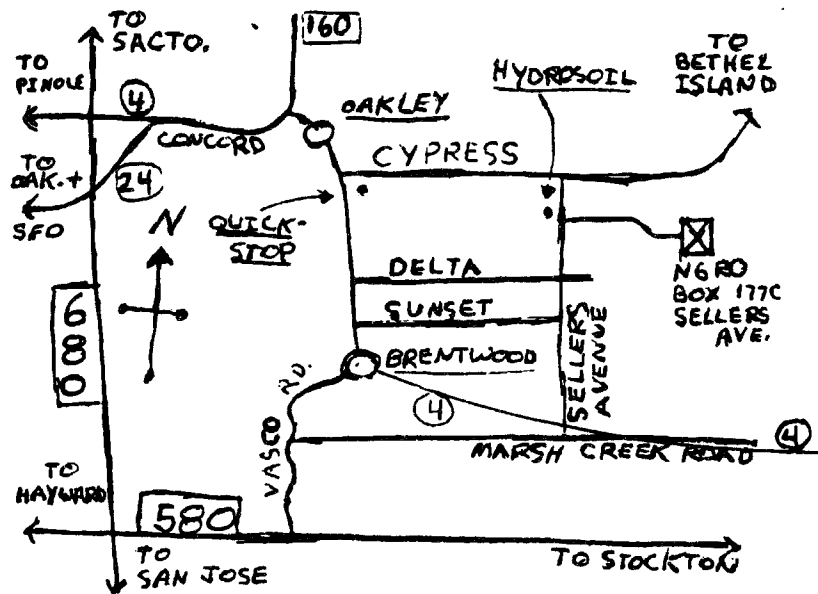
SOFTBALL
(IN SOFT SAND!)

TRACTOR RIDES
FOR THE KIDS.
N6RO DRIVER.

ANTENNA SPECULATING
WHICH KLM IS WHICH?

WATCH THE TRAINS

MAP



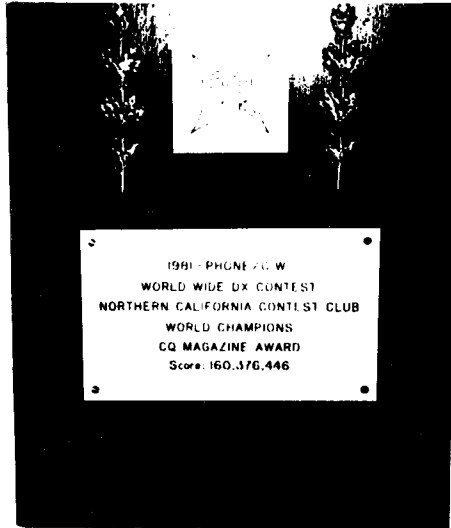
TALK-IN

146.52 SIMPLEX

147.165 REPEATER



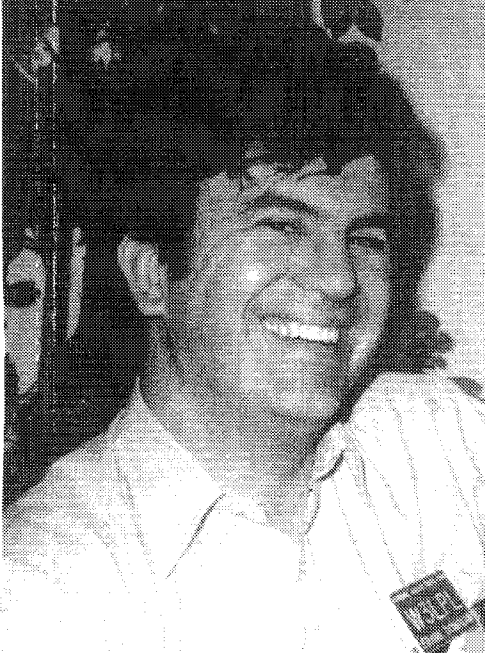
NCCC ACCEPTANCE BY RICH, N6KT AND GARY, WA6VEF



NCCC CQWW WORLD CHAMPIONS



PRESENTED BY LARRY, N6AR OF CQ MAGAZINE



THE NCCC AT VISALIA

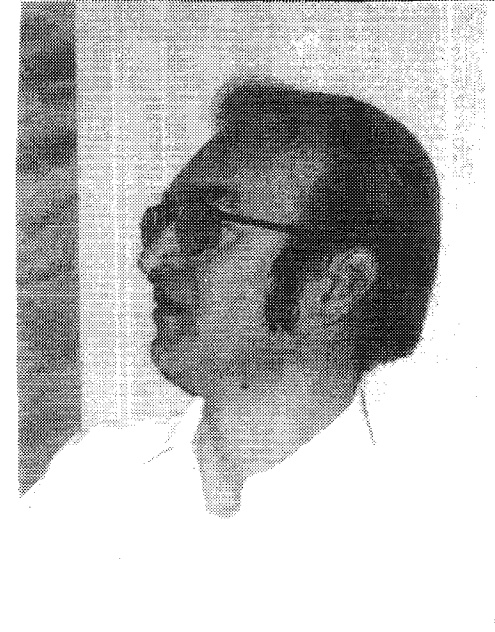
This year's Visalia DX Convention was widely acclaimed as "the best ever." The efforts of several NCCC members contributed significantly to the success of the convention. For those who were not in attendance, here's a not so brief account of the activities.

I. The 1981 CQWW Trophy

It's difficult to choose one thing that happened and call it the highlight of the convention. My choice was the award of the 1981 CQWW Club Competition trophy at the Saturday night banquet. It was quite a thrill to watch Gary, WA6VEF and Rich, N6KT receive the trophy on behalf of the club in front of about 600 of the most active DX'ers and contesters around. N6AR did a good job of describing the significance of the NCCC's victory, noting that this was the first time ever that a West Coast club had won.

II. The People Who Did All the Work

NCCC'ers figured prominently in the convention planning effort. Jay, W6GO, was the program co-chairman (along with his better half, Jan, K6HHD). Lou, K6TMB, handled the food and "refreshments" and distributed aspirin and Alka-Seltzer Sunday morning. Bruno, AA6AD, put together a spectacular lineup of prizes (none of which left Visalia in my car). The many hours of work before the convention began obviously paid off. The programs were all superb and, for the first time, you could see them all with the use of a



V. Awards

"single track" schedule that eliminated overlapping and concurrent sessions.

Easily the best move W6GO made as program co-chairman was to persuade WA6VEF to serve as chairman of the contest forum. Everyone I talked to agreed that the contest forum was the best and most entertaining session of the convention. Martti, OH2BH, described his slides of the OH0W extravaganza, complete with 60 operators and a worldwide, direct telephone installation used for multiplier "spotting." Even N6RO was impressed. I suspect Ken's reaction turned to envy as Tom, K5RC, presented slides and a very entertaining narrative of the contest super station under construction in Texas, including the 11,000 feet of tower disassembled at W7KW's QTH in Arizona and transported back to Texas. Dave, AA6RX, closed the forum with his slides of the record-breaking P42E multi-multi operation during the 1982 CQWW CW weekend, including some shots of and kind words about Bruce, N6TU.

III. "Meet the NCDXC"

Probably the most talked-about item at the convention was an audio-visual tape presentation entitled "Meet the NCDXC." Filmed, narrated and produced entirely by Gary, WA6VEF (doesn't he ever sleep?), the film was a 30 minute series of interviews with and scenes of the stations of various NCDXC members: W6BIP, WA6DJI, W6QHS, W6KH, W6DU, N6RO, W6RGG, WB6ZUC, K6ANP/N6DCJ, W6GO/K6HHD, K6FO, KB6OZ, AI6V, W6ERS and W6RQ. You could watch the film at your leisure, as it was played continuously starting Friday evening. (You could even watch it at the NCCC hospitality suite sitting next to SMOAGD, as I did). Gary spent many weekends travelling all over Northern California to do the photography. He then spent many more weekends flying to Los Angeles where the production facilities were located. Everyone at the convention owes a big thanks to Gary, as his Herculean efforts produced a first class professional presentation.

IV. Dits and Dahs

All the CW hotshots found out that it's not always so easy when they sat down for the code copying test. Gary, WA6VEF and Bob, N6TV produced a four minute tape with 110 calls that were active during the 1982 CQWW CW weekend. Was it tough? Certainly the results indicate that it was. The winner was Dick Norton, N6AA (no slouch when it comes to CW) who got 42 calls correct.

As usual, NCCC'ers walked off with the lion's share of the awards. A very special award was presented to Bob, W6RGG. Don Wallace, W6AM, rose at the conclusion of the DX forum to present Bob with the Dick Spenceley, KV4AA Memorial Award on behalf of the Yasme Foundation for Bob's "outstanding personal contributions to DXing and to the amateur fraternity." The award was not known about in advance and even the usually unflappable Bob Vallio looked surprised. A standing ovation and ringing applause made clear that those in the audience highly approved.

The NCDXC DX'er of the Year was presented to Bip, W6BIP. N6AR presented CQ Awards to N6BT for N6BT/AH0 and to K6RU for ZK2RU. NCDXC awards for achievement in the 1982 ARRL DX Test and the 1981 CQWW were presented at the banquet to NCCC'ers N6RO, AI6V, KN6M, K6ZM, K6HNZ, W6BIP, AJ6V, N6RA, K6RU, AA6AD, W6VG, W6QL, W6KG, N6GG, K6HIH, K5SSJ, W6TPH, WB6EXW, WA6AHF, KB5JK, W6BH, W6GO, NG6T, W6OKK, N6JV, K6DC, W6ISQ, K6KLY and W6SZN.

The biggest "award" of the convention -- the TS 930S grand prize -- was presented to Lew, N6VV, who held the lucky raffle ticket.

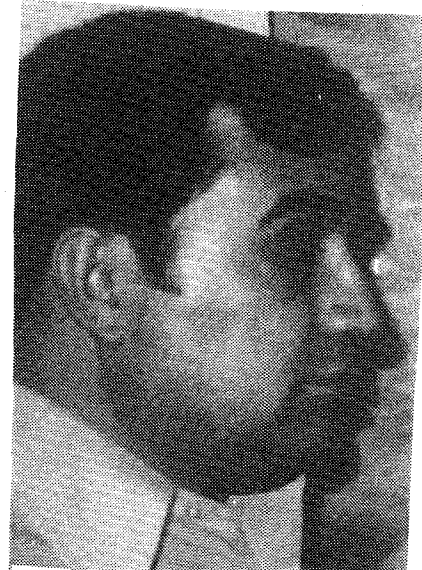
VI. The NCCC Hospitality Suite

Last but not least was the NCCC Hospitality Suite following the banquet. Some 200 folks dropped by long enough to consume 9 cases of beer and lots of soft drinks. The notables, in addition to NCCC'ers, included OH2BH, SMOAGD, VK9NS, K8CW(VK0CW), W1YL, G4LJF, JH1UNS and N6TR, who kicked in \$20 for the beer. The festivities continued long after I left, and so it was that I missed W6CF and his musical and sometimes obscene limericks, accompanied on the banjo by the old plucker himself, N6RO.

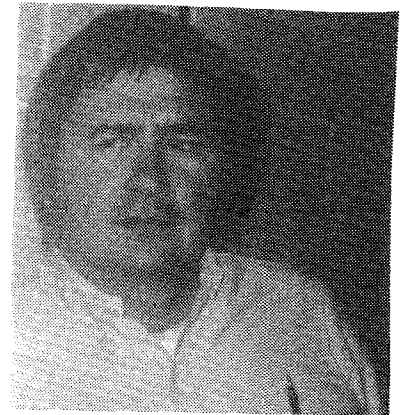
All in all, this year's Visalia was the best I've attended. The NCCC was conspicuous by its presence and by the efforts of those NCCC'ers who contributed their time and talents to the convention effort. Don't miss it next year -- you'll regret it if you do.

73,
Kip, W6SZN

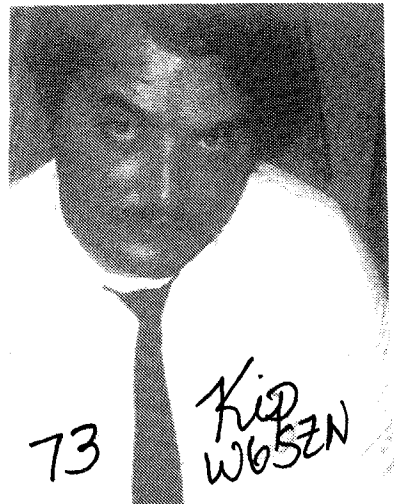
ALL PHOTOS TAKEN AFTER 1 AM SUNDAY, APRIL 24 IN NCCC SUITE BY K6RU.



KV4AA MEMORIAL AWARD WINNER, Bob, W6RGG



Ed, AJ6V, AUTHOR OF "HOW THE NCCC WON THE CQ WW". COMING SOON IN CQ MAGAZINE.



JUNE BoD AT W6OAT 6/2.
JUG DEADLINE JUNE 14

YASME Foundation

P.O. Box 2025 Castro Valley, California 94546

Ammen, Jordan
5 April 1983

THE CONTEST JUG NUMBER 133 MAY 1983

7

Dear Friends,
We have now completed our operation as JY8KG in Jordan. We made 8,500 QSOs with amateurs in 131 countries.

We have also now completed one-half year of operation in East Africa and the Middle East, and, this month, we are returning to the USA to be on the program at the Joint Meeting of the Northern and Southern California DX Clubs at Visalia, Calif and at the Dayton Hamvention in Dayton, Ohio. We made approximately 50,000 QSOs during the last half year's operation as J20DU, G5ACI/AA, W6KG/A4, W6KG/A7, HZ1AB, 9K2QL, and JY8KG.

We have visited all of the Arab countries of the world except Iraq. Without exception, the top communication officials in the Arab countries have an understanding of amateur radio and are favorable toward it. When amateur radio operation is not permitted it is usually due to objection on the part of the security officials. If, and when, fighting and political tensions diminish, we can expect more amateur radio operation.

Before we departed the USA last year, we planned our last stop to be in Jordan. We have His Majesty King Hussein I, and a group of dedicated radio amateurs in Jordan, there is a very active Royal Jordanian Radio Amateur Society in Jordan. They have a beautiful club house and a first-class amateur station. Qualified visiting radio amateurs may apply for permission to operate the club station.

We plan to remain in the USA for several months, and then resume our travels and operation as the YASME World Wide DXpedition later this year. We will be pleased to show slides and talk about the YASME DXpeditions at any meetings or radio clubs desiring our appearance.

73 es 88

Lloyd Colvin W6QL
Iris Colvin W6QL

YOUR SUPPER'S GETTING COLD, STRANGER.



VE7AAG - TNX!

6 AM SUNDAY - CQWW - THIS IS WHEN A LOT OF KB IS NEEDED!!

Minutes -- NCCC Board of Directors Meeting -- 6 May, 1983

The meeting was held at the home of K6HNZ. Attendees were K6HNZ, NR6I, KC6D, W6OAT, K6TMB, K6KLY, K6ZM, WA6VEF, W6RGG, and K6XO.

Results of the 1982/83 budget (a surplus of \$200, tentatively) and parameters of the 1938/84 budget (to be presented in June) were discussed.

It was moved/seconded/approved that the club 1981 CQWW trophy be permanently awarded to WA6VEF in recognition of his inspiration and dedication.

After discussion, it was moved/seconded/approved that the September and December, 1983, and February and April, 1984, membership meetings be dinner events, to be held on the Peninsula. All other membership meetings will be held at the present meeting place in Hayward, except for the July meeting, which will be dropped.

Interest was expressed in availability of the current club roster; KC6D will investigate.

A lively, extended discussion of club goals, directions, interests, expeditions, and other activities followed. A number of exciting proposals for major 1983/84 contest efforts were set forth, including both new ideas and some intriguing new variations on old ways of K'ing B (KB'ing?). It was decided to sense the will of the club at the May membership meeting (BE THERE !) to select the best from the alternatives available.

The June Board of Directors meeting will be held at the QTH of Rusty, W6OAT.

Bob Ehr, KC6D SECRETARY/TREASURER

Minutes -- NCCC Membership Meeting -- 15 April, 1983

An orderly crowd of 45 members and guests intermittently ate, drank, cheered, applauded, and voted. The results included the election of the following 1983/84 NCCC officers: K6HNZ, President; NR6I, VP/CC; KC6D, Secty/Treas; and W6SZN, W6OAT, K6TMB, and K6KLY, Board of Directors.

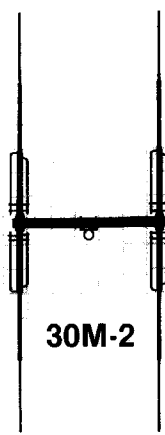
The presentation of 1982 contest awards was masterfully ceremonied by N6BT, with acknowledgements to KA6ING for a well-done job of selection and preparation.

Well-deserved votes of thanks were accorded to the 1982/83 officers and in particular to N6AUV for arranging the occasion.

The formal program ended with a surprise presentation of memorabilia of great personal importance to Lloyd and Iris, W6KG and W6QL, by Bob, W6RGG.

Bob Ehr, KC6D SECRETARY/TREASURER

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

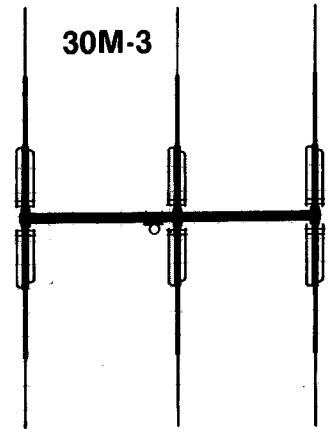
KLM is proud to announce two new high performance monobanders for 30 meters. The KLM 30M-2 and 30M-3 are carefully designed to combine moderate size with superior performance. Either of these compact powerhouses can be a valuable addition to your antenna system without overloading the tower or rotator.

■ 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



The Key Element

SSB clarity starts at the microphone...

Heil Sound, the company that pioneered proper audio equalization techniques for major performing groups and communicators, invites you to be part of one of the biggest advancements in Single Sideband transmission since the 'Donald Duck' vs. AM days.

If you are not satisfied with the "sound of your station"—it's no wonder—most "communications" microphones used today were designed for "public address" use, not for sophisticated SSB techniques.

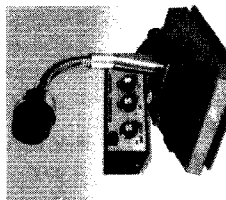
No one microphone can be all things to all Hams, so this new HC-3 element and HM-5 mic were developed only for maximum clarity on SSB transmissions.

The response of this tiny ceramic element rolls off sharply under 350 Hz and above 3100 Hz with a peak at 2400 Hz for high articulation in the speech range.

Hams who care about maximum results in getting over, around and through DX pile-ups now have another weapon in their arsenal... The Key Element!

You can easily install this small, advanced HC-3 element, with its broad-range impedance-matching characteristics, into virtually any microphone case you own, or purchase the custom HM-5 mic with HC-3 installed.

"...Have not yet heard an FT-101 sound any better than when used with The Key Element..." —Paul, G3AWP
 "...I now have a comfortable feeling that my audio is better than the rig was originally capable of..." —Ken, W9UBS
 "...During the Sprint contest we had reports of the best and clearest audio on the band!" —Denny, K8DB



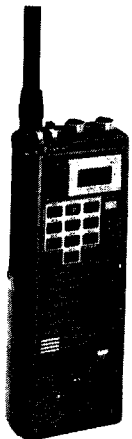
For those who desire the ultimate audio into and out of your transmitter/transceiver, consider the ideal combination of the Heil EQ-200 audio equalizer and HM-5 microphone.

For more information, or to order the HC-3 cartridge element at \$19.95 the HM-5 SSB microphone at \$54.95, or the EQ-200P at \$59.95, contact Heil Ltd., Marissa, IL 62257. 618-295-3000.



Hearing Is Believing...





TR-2500

KENWOOD

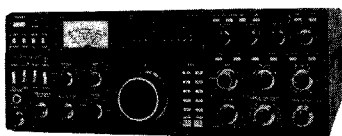
Save substantially!
Call now for
your price.



TR-7950
2 METERS, 45 WATTS,
21 CHANNEL MEMORY

NEW

TS-930S



TS-430S



ETD ALPHA
ALL ALPHA AMPLIFIERS
IN STOCK FOR FAST DELIVERY
CALL FOR SPECIAL PRICES

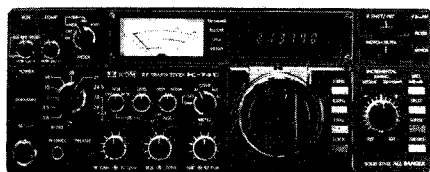


ONE EXAMPLE:
76PA
REGULAR \$2395

SALE! \$1699



**BUY IC-740 NOW
AND GET YOUR
\$50 REBATE!**
DIRECT FROM THE FACTORY



IC-R70



GENERAL COVERAGE
RECEIVER

KLM/TRI-EX

KLM KT-34A
4 element tri-bander
Regular \$389.95 **\$299**

KLM KT-34XA
6 element tri-bander
Regular \$569.95 **\$459**

KLM 7.2-1 40M rotatable dipole.
Regular \$199.95 Special \$159.00

KLM 7.2-2 40M, 2 element beam.
Regular \$349.95 Special \$299.00

KLM 7.2-3 40M, 3 element beam.
Regular \$529.95 Special \$449.00

KLM 7.0-7.3 4A 40M, 4 element beam.
Regular \$749.95 Special \$629.00

TRI-EX W51, 51 foot tower.
Regular \$999.95 Special \$829.95

W51 TOWER w/ KT-34A
\$1099

W51 TOWER w/ KT-34XA
\$1239



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



W6OAT EXPIRES: 0683
EPPS, CHARLES K
948-H KIELY BLVD
SANTA CLARA CA 95051