

# THE



# DXer

NOVEMBER 1986

VOL. XXXIX - NUMBER 11

## CALENDAR

- Nov. 14 - NCDXC meeting, Harry's Hofbrau, Embarcadero Rd., Palo Alto.
- Nov. 26 - Deadline for inputs to the Dec. issue of the *DXer*.
- Nov. 28-30- CQ WW DX Contest, CW.
- Dec. 10-20- NCDXC 40 zone mini-marathon. Details this issue.
- Dec. 21 - NCDXC Christmas meeting. Location to be announced.
- April 3-5, 1987 - 38th International DX Convention, Visalia, Gosvenor Hotel (formerly the Visalia Holiday Inn). Call (209) 651-5000 for reservations.

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## NEXT MEETING - FRIDAY, NOV. 14 HARRY'S HOFBRAU, PALO ALTO

The next meeting will follow the usual pattern of cocktails at 6:00, dinner at 7:00, meeting at 8:00, all PM. Entertainment will consist of a round table, tied in with a slide show-and-tell. Bring as many as five of your favorite radio/DX slides - shacks, contests, or whatever your heart desires. Projectors will be furnished.

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## FROM THE PREZ

CQ NCDXC. That was a call that was heard time and again during the first weekend of the club's 40th anniversary celebration award program. UA6HZ, DA2ER, G4SDJ, and others all calling for the NCDXC. The members who went out and participated in the Alviso Sun Stomp were rewarded with outstanding propagation during the first week of the celebration. Everything from 10 meters to 75/80 meter long path was open to just about any place in the world. It was great!! Club

participation was super! I heard members on the air that I haven't heard on for some time.

I have had several letters from DXers in Europe reminding me of the difficulty they have in working California, and also in getting QSL cards from Californians in general, and our club members in particular. Please, please QSL 100%. The DX stations want to share in our celebration and the least we can do is to show our appreciation by sending them the QSL cards.

Hal, N6AN, and his helpers have cooked up another fun event for December. The NCDXC Work 40 (CQ) Zones in Ten Days Award. Work 40 band zones during a 10 day period in December and win a nice award (more coffee cups, if we have enough). Further information will appear in this month's *DXer*.

The November meeting will be held at Harry's Hofbrau in Palo Alto on November 14, 1986. The attendees are going to be the entertainment. We will be having an old-fashioned round table (can you top this?) and slide show. Please bring your favorite radio/DX slides (maximum 5) showing your ham shack old and new, a DXpedition, old Visalia/Fresno meetings, etc.

Many thanks to W6CF, KA6W, Hans (DK9KX), and Anne (DF3KX) for providing us with an outstanding 40th Anniversary party.

73 es DX.

Lou, K6TMB

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## MINUTES OF THE OCTOBER 1986 MEETING OF THE NCDXC

Meeting held at Harry's Hofbrau in Palo Alto on October 10, 1986. 40th Anniversary meeting. At 8:00 PM, after happy hour Rich Lawton, N6GG, cut the large beautiful anniversary cake. Meeting called to order at 8:21 PM by president K6TMB, Lou Beaudet. Ted Algren, KA6W, introduced our

## The DXer - November 1986

### THE NORTHERN CALIFORNIA DX CLUB, INC.

P.O. BOX 608, Menlo Park, CA 94026

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#### NCDXC OFFICERS

President	Lou Beaudet	K6TMB
Vice Pres.	Ted Algren	KA6W
Secretary	Ron Panton	W6VG
Treasurer	Jim Knochenhauer	K6ITL
Director	Kip Edwards	W6SZN
Director	Bill Fontes	W6TEX
Director	Hal Godfrey	N6AN

#### NCDXC STAFF

Editor	Jim Maxwell	W6CF
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Contributing	Hal Godfrey	N6AN
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Production	Dave Hillman	N6AUS
Production	Ron Panton	W6VG

#### Send DXer contributions to

Jim Maxwell, W6CF  
PO Box 473, Redwood Estates, CA 95044

#### Send DX ladder reports to

Jim Hicks, KK6X  
2260 Santa Fe Dr., Santa Rosa, CA 95405

#### NCDXC REPEATER W6T1/R

Input 147.96 MHz; Output 147.36 MHz;  
Simplex 147.54 MHz

Trustee	Bob Vallio	W6RGG
Repeater Committee chairman	Smitty Smithwick	W6JZU

#### NCDXC THURSDAY NIGHT NET

On W6T1/R Thursday at 8:00PM local time.  
Operations Manager

DX News	Ralph Hunt	AG6Q
DX News	Phil Garrahan	W6LQC
Propagation	Al Lotze	W6RQ
Westlink	Chuck Vaughn	AA6G
Contest News	Steve Brunt	WC6I
Swap Shop	Steve Munro	KZ6Z
QSL info	Jan O'Brien	K6HHD

#### NCDXC DX BULLETIN BROADCASTS

Trustee	Bob Vallio	W6RGG
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W6T1, the NCDXC memorial station, broadcasts DX bulletins each Sunday at 1800 PST (Monday at 0200 GMT) on 14.002 MHz.

guests, including Hans & Anne Hannappel, DK9KX, DF3KX. The NCDXC has beaten the SCDXC for the 23rd time in the ARRL DX contest. Dec. 21 is the date for our Xmas party, Bob Thompson, K6SSJ, in charge, and president K6TMB will be Santa Claus. Our anniversary program was a very interesting, well thought out retrospect of the last 40 years of the NCDXC. Viewgraphs of club members and their stations, a picture of our very first *DXer* magazine, correspondence re the first meeting, etc. Excellent presentation. Hans, DK9KX, spoke on his DX-pedition to Sao Thome. The club gave a round of applause to Jim Maxwell, W6CF, for the excellent 40th anniversary *DXer* publication. After a brief intermission a poll on Westlink showed the majority of members present wished to have it continued. Treasurer Jim Knochenhauer, K6ITL, gave his report. We are solvent, but 72 members have not yet paid their dues. Secretary Ron Panton, W6VG, gave first readings to prospective members W6HXW and N6LTN. Second readings were given to K6ZUR and WD6AFC, both of whom unanimously voted into membership. Life member

applications for W6MUR and K6WD were approved, but the application of WA6TKT was sent back to the board of directors for further study. California Award #467 was presented to AJ6V, Ed Radlo, by award manager K6ZM, Phil Frazier. Marv, W6FGD, suggested that the board consider updating the procedures manual to include a proper procedure for the election of Life Members. Morris Brown, N6DJM, mentioned excessive repeater delay time, and Adam Mentis, N6QR, suggested that it might be a receiver pickup time problem. Meeting adjourned at 9:53 PM.

Respectfully submitted,  
Ron Panton, W6VG  
Secretary

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### MINUTES OF THE OCTOBER 1986 MEETING OF THE NCDXC BOARD OF DIRECTORS

Meeting held at home of W6VG on October 15, 1986. Present: K6TMB, K6ITL, KA6W, W6SZN, N6AN, W6VG. Guests W6FGD, K6FD. Meeting called to order at 7:16 PM. Congratulations were given to Hal, N6AN, for the fine job on the 40th Anniversary mini-marathon, and the award to DX stations. The board would like to see further mini type monthly contests during the balance of the anniversary year. Details will be worked out. Suggestions will be welcomed by the board. The board unanimously denied the life membership application of WA6TKT on the basis of the procedures manual paragraphs 1-105a(1), and 1-107e. Suggested changes to the procedures manual in re voting applicants into membership and life membership were proposed by W6FGD and K6FD. A pro tem committee of W6FGD, K6FD, and KA6W will draw up the new procedures. A motion was seconded and passed to donate \$50 to Westlink to reinforce the decision of the membership to continue Westlink. The convention committee notifies us that everything is proceeding on schedule. K6ITL gave a treasurer's report and noted that 66 members have not paid their dues. The board voted to ban smoking in the dinner/meeting room at Harry's Hofbrau in Palo Alto. Two smoking breaks will be given to allow the smokers to adjourn to adjacent rooms or the bar. Hal, N6AN, proposed certain changes to the procedures manual, and approval was unanimous. Changes will be implemented and published in the *DXer*. Meeting adjourned at 10:32 PM.

Respectfully submitted,  
Ron Panton, W6VG  
Secretary

**NCDXC MARATHON RESULTS, 1986**

Following are the final country totals for all participants in the NCDXC marathon for 1986, according to marathon chairman Steve, WC6I. Prizes for the winners will be awarded at the Christmas meeting this December. As can be seen, competition was tough, especially in the mixed mode class in which W6GO and K6RQ finished in a dead heat! Thanks to all the participants, and congratulations to the winners!

Mixed Mode	CW Only
174 - W6GO & K6RQ (Tie)	165 - N6QR
126 - W6BIP	117 - N6JV
113 - NW6P	116 - N6DJM
110 - W6MZQ	115 - N6EA
83 - W6FAH	105 - N6AN
	98 - W6DU
	59 - WC6I
<b>SSB Only</b>	52 - K6ZX
	21 - W6ISQ
147 - WA6AHF	
128 - WD6EKR	
105 - K6FD	

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**BOARD VOTES TO RESTRICT SMOKING AT HARRY'S HOFBRAU**

The following item appears in the Minutes of the October meeting of the NCDXC board, and deserves repeating in order to avoid future misunderstandings. "The board voted to ban smoking in the dinner/meeting room at Harry's Hofbrau in Palo Alto. Two smoking breaks will be given to allow the smokers to adjourn to adjacent rooms or the bar."

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**WORK 40 ZONES IN TEN DAYS!  
NEW NCDXC MINI-MARATHON**

The kick-off for the NCDXC 40 Year Award met with a great deal of success. The 40/10 mini-marathon was enthusiastically received and participation was at the highest level since the peak of the last sunspot cycle.

Now that we have all this enthusiasm generated and to provide further impetus for the cause of the NCDXC 40 Year Award, another intra-NCDXC contest seems appropriate. So let's try this one for size.

Starting December 10th at 0000Z and ending

December 20th 1986 at 2359Z, NCDXC members will try to work 40 (CQ) zones - band zones, that is. Examples: If you work zone 23 on 20, 40 and 80 meters it will count for three zones. If you work stations in zone 32 on 10, 15, 20, 40, and 80 meters it will count for five zones. The possibilities are unlimited. All contacts must be made using the generally accepted DXCC Bands, i.e., 10, 15, 20, 40, 80 and 160 meters. Submit your list of 40 zones to Steve, WC6I, PO Box 62344, Sunnyvale, CA 94088 prior to December 31, 1986. An award, not yet determined, will be given to qualifying members.

Lou, K6TMB & Hal, N6AN

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**NCDXC REPEATER LINKS SHARE COMMON FREQUENCY**

On October 19th the Santa Rosa simplex link moved frequency. Now, both the Santa Rosa link and the Sacramento link share the frequency 144.95 MHz. Pressures for additional frequencies from the expanding packet radio group caused Len, K6ANP, representing the Santa Rosa link, and Jay, W6GO, representing the Sacramento link, to conclude that the two links could now share the same frequency, thus releasing one frequency for other use, such as packet. Frequency sharing was not possible before both of the links converted to full-time continuous tone squelch (PL) to conform with the W6TI repeater operation. The frequency change has been coordinated with the Northern Amateur Relay Council of California (NARCC).

All NCDXC members are invited to use the links. To operate on either link (when in its area), operate on 144.950 MHz simplex and use the same PL as used on the W6TI repeater. The link will pick you up on 144.95 and retransmit you to the W6TI repeater on 147.96 MHz. The link will receive the W6TI repeater on 147.36 and retransmit it to you on 144.95.

Regular users of the links are requested to send copies of their licenses to K6ANP (Santa Rosa link users) and to W6GO (Sacramento link users).

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**CODE PRACTICE**

I recently heard someone on W6TI ask if there is any 2m or 70 cm code practice being transmitted at 20wpm. The answer is "yes," and the details may be of interest to others in the club.

For the club member looking to upgrade, there are excellent code practice sessions available every

week. The N6ITW machine carries the practice, run by Scott, N7FSP, on 440.1/445.1MHz and 147.555 MHz simplex beginning at 8:00PM each Thursday. It starts at 5wpm. By about 8:30 they are up to 13wpm. By about 8:45 when the NCDXC net is usually over they are at 15-18wpm. Scott is more than happy to speed things up if someone wants 20wpm +.

The repeater is on Crystal Peak in Los Gatos and has wide coverage on 70cm from Santa Rosa in the North Bay to King City in the South. The 2 meter coverage goes from about SFO to Salinas. Both 70cm and 2m cover Santa Cruz and Monterey Bay as well. If you want more particulars feel free to call N6ITW, Craig Smith, at (415) 326-8637. The repeater is an open system. Additional info is also available from N6ITW at P.O. Box 4105, Menlo Park, CA 94025-4105.

Tom McShane, NW6P

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### IT'S A GAMBLE

(Editor's note: The following article appeared in Alexander Beshers' Pacific Rim column in the *San Francisco Chronicle* for Monday, October 6. No source for the information presented in the article was given by the *Chronicle*. Thanks to Brad, K6WR, for bringing it to our attention.)

The Aussies are developing Christmas Island, an Australian dependency in the Indian Ocean, into a casino resort. They hope to lure an estimated 300,000 high rollers a year from Indonesia, Singapore and Malaysia. Since Indonesia closed down all its gambling joints in deference to Islamic law, there's only one casino left in the region in Malaysia. Christmas Island is only 45 minutes away by air from Jakarta, 1 hour 40 minutes from Singapore.

Meanwhile, they'll have competition from India, which is also planning to develop its remote and unspoilt Andaman and Nicobar islands in the Indian Ocean into resorts and casinos.

Even China recently dropped a political bombshell at the baccarat table when it announced that it would extend the casino franchise in Macao to the Macao Tourism and Amusement monopoly until the year 2012, The Portuguese colony is scheduled to revert to China sometime after Hong Kong is returned to Chinese rule in 1997.

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### LETTERS LETTERS LETTERS

de K6SMH/G0CLY --

I've been here in England for a year now, and may stay for a few more years. Wish I had a "big gun" set up so I could hear/work the West Coast - only a FT-301 (100w) and low-to-the-ground G5RV dipole, 6 meters high. Kind of tough from a rental house where they don't allow antennas, not even TV! Oh well --

I am also active as GB2RIP, a special event station in RIPON, North Yorkshire, England - we are celebrating the 1100 year birthday of our city. We'll be active with that call until Dec. 31, 1986. QSL via RSGB or to me, G0CLY. HF, SSB/CW.

My regards to all the gang at NCDXC and NCDXF!

73.

Gerry Bliss, G0CLY, K6SMH  
Box 219, Menwith Hill Station  
APO New York, NY 09210-5360

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de W1JR --

Been over 12 years now since I left SCV, but still miss it - especially in the humid summer and in the snow season.

Anyhow - a strange request. About 1963 (Feb.?) till about 1964 (Feb.?) I was editor of the *DXer*. Somehow all my copies went astray. I'd love to get a copy of the ones I edited. Can anyone help me?

Thanks and hi to the DXers!

73.

Joe Reisert, W1JR  
17 Mansfield Drive  
Chelmsford, MA 01824

(Editor's note: Anyone able to help Joe out? The NCDXC archive copies show that Joe was editor of the *DXer* from Feb. 1963 to Jan. 1964, inclusive.)

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### MORE FROM THE NCDXC OLD-TIMERS

de W6SQ --

My passion has always been DX on CW, since my modest experience as a shipboard operator. In November 1947 I had just returned to Oakland from an 18 month sojourn in Connecticut where I signed as W6SQ/1. I don't think the Europeans and

Africans ever listened past W6SQ and I worked everything. It was almost like being on a DX-pedition.

I can't remember who introduced me to NCDXC, but BUY, DUB and TT were old friends of mine and I relished the association. I did work something over 100 countries from my location in the Montclair district. However, I traveled much of the time and had to spend much of my at-home time with my growing family. In 1952 I moved to Lafayette and never seemed to find time to put up an antenna.

Here in San Jose, our community will not allow outdoor antennae, so I am content with 4-band dipoles in the attic. Have worked all continents except Europe with 60 watts output.

My biggest DX was last summer when I was licensed as DL1/W6SQ in Heidelberg, Germany, and I amused myself working the nearby repeaters on 144MHz, using English, of course.

Thank you for jogging my memory. It brought back many memories of good times long forgotten.  
73.

Ken Morrison, W6SQ  
(Joined NCDXC in Nov. 1947.)

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de W6RCC --

Have been in the U.K. (G0/W6RCC) this past month and just returned home --

Oh boy, do I remember those early DX Contests. My QTH in Oakland was in a horrible location. I could look out my window and see Dan's (W6PB) home, Ed's (W6LDD/K6AN) and over the hill to Horace's house about a mile away. Good old Dan, when he keyed his rig and my beam was anywhere towards him he would shift the front end of my receiver about 5kHz. What a way to run a contest. All real great competitors and good friends.

One other funny story was when Ed Peck and I operated "multi-operator" one year. I had placed a ventilator fan in the wall to move the air in the room. During those extended rat races Ed would place his cigarette in the ash tray along side him. That fan would smoke it while there and so many times Ed would retrieve only a butt.

One last thing. Jack Homes, W6BUY, in the letter published in the October DXer told about our 2 meter project. Being a "pack rat" of sorts, I still have my rig and would love to donate it as early DX Club memorabilia.

Bill Cryer, W6RCC  
(Joined NCDXC Dec. 1947)

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WOULD YOU ELECT THIS PERSON TO OFFICE?



No? Then you lose. About 400 members of NCDXC unanimously voted to take a chance on Louis J. Beudet and elected him president of the club during its 40th anniversary year. Lou, an immigrant from Oakland, currently is Manager of Information Services for IBM - which happens to be across the street from SLAC where this annual picnic photo was taken. What is good for IBM is good for NCDXC.

You will notice that you cannot see his face features in this photo. That was done on purpose. We will first wait and see how Lou comes through his term. If all goes well, as we expect, we will let you see what he looks like next summer. We will also get a better photographer who knows how to pose subjects so you can see them.

W6ISQ

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## 80 M ROTATABLE DIPOLE

A rotatable 80M dipole can be constructed from a KLM 40M dipole. The dipole is 60 ft. long with an estimated windload of 3 sq. ft.

**Construction:** Each section of the 40M dipole on each side of the fiberglass spacers has been lengthened by 3 ft. The diagram shows the placement of the extension tubing. Tubing overlap is 3". The 7/8" x 9" tubing pieces go inside of the 1" tubing for support at point "C". Cut the linear loading jumper straps in half and connect the loading coils to each half of the straps. Black dots on the diagram indicate screw hole positions. The only holes that are drilled in the original pieces are at the ends of the 1/2" element tips. The coils are placed between points "A" and "B" at the ends of the linear loading. The 3/8" x 2" tubing is placed on the ends of the extended linear loading to make the diameter correct for the straps.

**Matching:** This half-size dipole's input impedance is near 25 ohms. A quarterwave matching section can be made with two 45 ft. pieces of RG-59 in parallel. Use the solid polyethylene dielectric for the correct velocity factor. The coax can be wound into a coil to save space. The KLM balun may or may not be used. Little difference was noted.

**Adjustment:** The two coils will put the resonant frequency below 3.5 MHz. Short out equal amounts of each coil to move the resonant point up the band. About 21 turns is close to 3.5 MHz and 18 turns is close to 3.8 MHz. The exact amount must be determined experimentally. The dipole is resonant

at 5.2 MHz if no coil is used.

**80/75M Operation.** Two vacuum relays can be used to bring the resonant frequency up in the band by shorting out a few turns. Non-vacuum relays cannot be used as they will arc. All tuning must be performed with the relays in place as they will change the lower frequency.

**Operation:** The SWR at the resonant frequency was 1.5:1 or better. The 2:1 SWR bandwidth was 75 KHz and the 3:1 SWR bandwidth was 135 KHz. These measurements were made with the dipole mounted at 55 ft. Performance is very similar to the 40M dipole. Stations and noise can be nulled off the ends. It was a noticeable improvement over an inverted V.

Credit for the initial idea for this antenna goes to WB6RLE from whom I first heard about it. If anyone is going to build this antenna I am available for more detailed information. The next step would be to build two of these on a 30 ft. boom for a two element beam! The turning radius is only 33.5 ft.

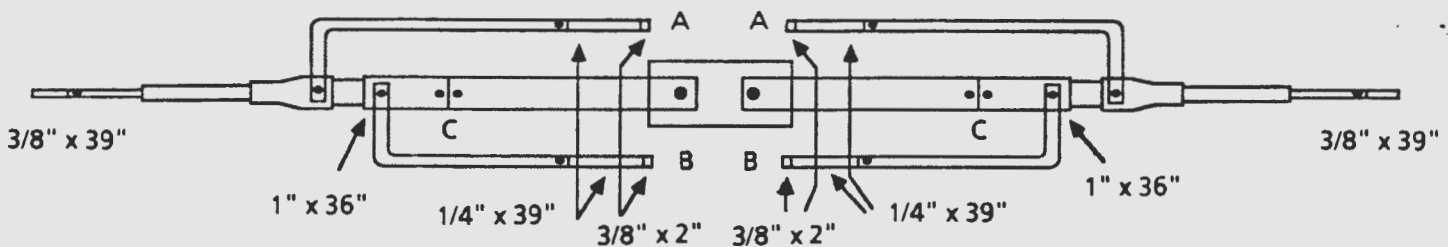
Chuck Vaughn, AA6G

**Parts list:**

2-Coils 24 turns of B&W 3029 (2-1/2" dia., 6TPI, #12 AWG)

**Tubing:**

- 2 - 1" dia. x 36" long
- 2 - 7/8" dia. x 9" long
- 2 - 3/8" dia. x 39" long
- 4 - 3/8" dia. x 39" long
- 4 - 1/4" dia. x 39" long



## RUSSIAN QSLs

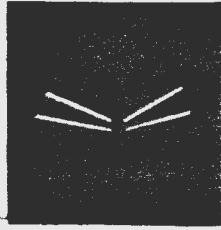
A number of people have commented recently about the slow turnaround time for Russian QSLs. There are few ways to improve things. The *Callbook* relies upon a 1971 USSR directory of Russian calls - it hasn't been updated since then! In the last year several direct addresses have begun to appear, mostly in the Moscow area (see the 1986 *Callbook* supplement for example). Not sure if there has been a change in policy but in the past direct QSLing has been strictly discouraged. Some

Russians receiving large quantities of mail from western countries have had their licenses suspended, etc.

There is one shortcut you might want to try and that is sending your cards to the oblast-level bureau in the USSR. Send an SASE to Ed, KA2MXO, for information on the oblast-level QSL bureau list he has compiled. It may cut six months off the total [time required for a reply].

K1KI in USSR TIDBITS #35  
October, 1986

(Editor's note: Catperson came through again this month! What is most important is that Catperson, after stroking, agreed to pose for a picture so that all CATS Net members will know what they are dealing with. Just as my flash went off in the dark, Catperson shrieked and dashed behind a garbage can. The photo therefore lacks some definition and is slightly underexposed. It reminds me of someone I know, but I just can't quite place the whiskers - - any ideas?)



Catperson

Catperson has promised to sit still for the next photo if you CATS out there cooperate and send in some material. How about it?)

## YEOOOWWLLLS HEARD ON THE CATS NET

by Catperson

- Oct. 2. Norm, N6JV, tells CATS Net he bought Audiotron tube at antique radio flea market for his old tube collection. Explains the Audiotron has 2 filaments. When one burned out, use the other. Them OTs not so dumb. New Kitty Kat on net asks what is a filament. K6WD explains that the OTs used a filament to tell if the tube was working or not.
- Oct. 4. WA6AHF getting aggressive. Heard on 14050 using his sounder and Dad Ratted Dumb Turkey Turkey Shoot 940. Called NN MA for 11 minutes. Signed 17 different calls. Most popular call was JWTHA5IN. No response.
- Oct. 6. W6GO did not check into net at all today. 42 people sent "get well" cards to the local hospital. 14 others notified the Rio Linda missing persons bureau.
- Oct. 8. WA6AHF called NN MA 23 minutes. Signed 9 different calls. Getting more familiar with the sounder. No answer.
- Oct. 10. Big 40th anniversary club meeting. Lot of CATS turned out for the back fence prowl. Spectacular slides, projections and commentary of the OT founders of NCDXC. Really wonderful pix of the ops and equipment. Much work by Chicken Feathers.
- Attending meeting: reknown DXpeditioners DK9KX and XYL DF3KX. Mr. San Francisco DX Ambassador, W6BIP and XYL Elsie, requested pleasure of giving the guests their famous San Fran tour. Done. Thanks, BIP and Elsie!
- Oct. 11. CATS Net fellas who attended meeting last night agree the DXer should publish the old fotos (few at a time) that were shown last night. The other 300 members who did not attend the meeting would enjoy seeing and reading the info. W6VG's hair seems to have slipped from his head to his chin. W6DUB's hair must have evaporated.
- Oct. 12. WA6AHF calls NN MA all day on 14050. No answers. Finally calls W6P5F requesting his presence on 14050 for another fantastic sounder QSO. Good old P5F.
- Oct. 15. W6TSQ continues to insist he beats all challengers into Far Away DX Land because of his experience and good operating procedure. Silence on CATS Net. They let him get away with it today because it is his birthday. So OK, HBD, Sam. QRX until tomorrow.
- Oct. 16. N6JV building a breadboard receiver around his new, old Audiotron. Somebody asks if he tested the tube by the OT method. Yes, both filaments burned out. CATS begin scurrying for answers: solder in a transistor, buy a new old tube, solder in 4 transistors, solder in a whole new receiver, forget the whole project, buy an old set, go fishing. JV listens.
- Oct. 17. W6GO QSLs the nice get well cards. He had been in High Sierras looking at mountain top locations. Also announces he had been apprehended 27 times by various Sheriff posses from from the lost persons department.
- Oct. 18. JWTHA5IN and W6P5F had a 5 hour QSO on 14050. JWTHA5IN took 87 minutes to send his name and 94 minutes to get San Leandro correct. P5F a very patient fella.
- Oct. 20. Unflappable and creative N6JV announces another hobby is repairing old tubes. He is a glass blower, he has a good soldering iron and bunsen burner, and he can inhale real strong. And he has asbestos lips for when he reseals the tube with the bunsen burner.

CATS are QRX and anxious to hear new tube and set play over the net.

Oct. 22. All The Big Guns are working Z23JO on 40 CW -- KG6GF, W6TSQ, W6GO, AA6Z, Southern California fellas, etc. Everybody getting 589. W6CF called for 45 minutes. Finally worked him when no one else left. He got a 559, followed by the comment, "guess the band is going out," and Z23JO then QRTed. Oh well, Jim. At least Z23JO did not know the ugly truth.

Oct. 23. W6TSQ trying to get the CATS to talk to him again on 2 meters. As goodwill gesture, he announces he will lower his dipole to the roof and only use his exciter. He will only sign his call once and then only after 7 other fellas have worked the DX station. He will let everybody beat him in the pileups. CATS comment: If you believe that you believe bagels do not have holes. Stay tuned.

Oct. 24. Rubin, JWITHASIN (ex-WA6AHF) announces he has changed his name to Ed and he now lives in Oz.

Meeeeooooowww!!!

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### CHANGES TO NCDXC PROCEDURES MANUAL

The following changes to the NCDXC Procedures Manual were approved by the board of directors on October 15, 1986. Club members are requested to make these changes in their copies of the Procedures Manual.

2-101 Notification of payment of dues.

Subparagraph a. CHANGE: July to June DELETE: the July meeting notice

Subparagraph b. CHANGE: October 31 to September 30 DELETE: notified by the secretary that they have been

3-104 Duties of the Treasurer

Subparagraph c. CHANGE: at the end of sentence, the period (.) to a comma (,) DELETE: (2-101), ADD to sentence: and immediately after the dues deadline, notifies the secretary the names of club members who have not renewed their membership. (2-101)

3-111 Club Roster

Subparagraph a. CHANGE: the first and second lines of the first sentence to READ: During the first week of October of each year the secretary shall publish a new roster....

Subparagraph b. DELETE the first sentence in its entirety ADD: a new first sentence to read: The secretary shall distribute the club rosters to club members by the most economical means, hand delivery or by mail.

3-116 NCDXC Contest Awards

Subpragraph h. (awards charts)

NCDXC Million Point Award CW - ARRL Int'l DX Contest CHANGE: Plaque to Paperweight.

NCDXC Million Point Award phone - ARRL Int'l DX Contest CHANGE: Plaque to Paperweight.

NCDXC 800,000 Point Award Combined score, CW & Phone, ARRL Int'l DX Contest CHANGE: Paperweight to Certificate.

NCDXC Million Point Award CW - CQ World-Wide DX Contest CHANGE: Plaque to Paperweight.

NCDXC Million Point Award phone - CQ World-Wide DX Contest CHANGE: Plaque to Paperweight.

NCDXC 800,000 Point Award combined score, CW & phone, CQ World-Wide DX Contest CHANGE: Paperweight to Certificate.

ADD: (two new categories)

Award: NCDXC Million Point Award Combined score, CW & phone - ARRL Int'l DX Contest - Trophy: Paperweight - Remarks: Every qualifying NCDXC station, single or multi-operator.

Award: NCDXC Million Point Award Combined score, CW & phone - CQ World-Wide DX Contest - Trophy: Paperweight - Remarks: Every qualifying NCDXC station, single or multi-operator.

Hal, N6AN

+ = + = +

### ROSTER CHANGES

WD6AFC New Member - William W. Schmall, Sr. (Bill), 4076 N. Hammel Way, Fresno, CA 93727. Phone 209-292-7414 (H), 209-292-7414 (W).

WA6AUE Delete bus. phone.

N6DYS Change address to 356 Stanford Ave., Menlo Park, CA 94025.

WB6FEF Change call to WX6W. Change address to 5727 LaSalle Ave., Oakland, CA 94611. Phone 415-339-3598(H). Delete bus. phone.

KB6G Change bus. phone to 415-857-6443.

KB6JK Change call to WX6M.

WA0JRB Change call to WW6D. Bus. phone is 707-577-3845.

WB6OKX Change phone number to 408-365-8389.

KE6OT Delete bus. phone.

N6ST Change bus. phone to 415-857-8167.

AK6T Change bus. phone to 415-866-0600.

KD6XY Delete business phone.



# The DXer - November 1986

## NORTHERN CALIFORNIA DX CLUB (NCDXC) 40th BIRTHDAY CALIFORNIA AWARD 1986-1987

<b>A=KF6A</b> Phil <b>NS6A</b> Duane <b>K6AAW</b> Larry <b>AA6AD</b> Bruno <b>W6AED</b> Bud <b>W6AEO</b> David <b>WD6AFC</b> Bill <b>SMØAGD</b> Eric <b>WA6AHF</b> Rubin <b>W4AI</b> John <b>KG6AM</b> Dewey <b>N6AN</b> Hal <b>K6ANP</b> Len <b>VE2AQS</b> Bob <b>K6ASI</b> Bill <b>W6ATO</b> Dick <b>WA6AUD</b> Cass <b>WA6AUE</b> Jim <b>N6AUS</b> Dave <b>N6AUV</b> Ron <b>HB9AW</b> Gerard <b>K6AYA</b> Pat <b>KD6AZ</b> Dave <b>B=NA6B</b> Bob <b>WM6B</b> Ed <b>N6BFM</b> Bob <b>OH2BH</b> Martti <b>W6BH</b> Lee <b>KA6BIM</b> Dave <b>W6BIP</b> Bip <b>W6BJH</b> Ted <b>A1BK</b> Kan <b>KE6BN</b> Ed <b>W4BPD</b> Gus <b>K6BQN</b> Bill <b>K6BR</b> John <b>WA6BSS</b> Bill <b>W6BSY</b> Mac <b>W6BUY</b> Jack <b>K6BW</b> Lou <b>KB6BW</b> Martin <b>K6BWX</b> Dick <b>C=KX6C</b> Harry <b>K6CBL</b> Jack <b>N6CCL</b> Larry <b>SMØCC</b> Lars <b>W6CEI</b> John <b>W6CF</b> Jim <b>W6CFK</b> Dick <b>W6CGI</b> Rudy <b>GØCLY</b> Jerry <b>N6CM</b> Bob <b>K6CN</b> Guy <b>W6CSI</b> Norm <b>WB6CUA</b> Randy <b>W1CW</b> Bob <b>W6CYO</b> Clyde <b>W6CYX</b> Bob	<b>D=AG6D</b> Al <b>WW6D</b> Doug <b>W6DB</b> Lee <b>K6DC</b> Merle <b>N6DCJ</b> Alan <b>W6DD</b> Phil <b>WB6DFX</b> Joe <b>KB6DJ</b> Jim <b>N6DJM</b> Morris <b>W6DNY</b> Mac <b>WB6DOQ</b> Pete <b>W6DOT</b> Gene <b>W6DPD</b> Chuck <b>WB6DQP</b> George <b>K6DR</b> Tony <b>VS6DR</b> Phil <b>K6DT</b> Ed <b>W6DU</b> Eric <b>W6DUB</b> Mario <b>KA6DXY</b> Jim <b>N6DYS</b> Taylor <b>E=NQ6E</b> Bob <b>NR7E</b> Rod <b>N6EA</b> Bob <b>KB6EI</b> Neal <b>WD6EKR</b> Walt <b>KD6EM</b> Tom <b>KF6EN</b> Ed <b>K1ER</b> John <b>W6ERS</b> Uncle Vern <b>W6ETR</b> Kenny <b>KA6EUD</b> Tom <b>WB6EXW</b> Gary <b>F=WW6F</b> Lyle <b>W6FAH</b> Bob <b>K6FD</b> Ray <b>WB6FDQ</b> Dan <b>W6FGD</b> Marv <b>KB6FM</b> Sharon <b>K6FO</b> Norm <b>W6FOJ</b> Roy <b>W6FWX</b> Kim <b>G=AA6G</b> Chuck <b>KB6G</b> Tom <b>KD6GC</b> Steve <b>KG6GF</b> Larry <b>WB6GFJ</b> Ross <b>N6GG</b> Rich <b>N6GK</b> Greg <b>W6GMQ</b> Ted <b>W6GO</b> Jay <b>K5GOE</b> Woody <b>W6GQK</b> Hal <b>WA6GTU</b> Joe <b>KB6GV</b> Vince	<b>H=AE6H</b> Paul <b>NK6H</b> Bill <b>WA6HAT</b> Chris <b>K6HHD</b> Jan <b>K6HIH</b> Cliff <b>K6HNZ</b> Ken <b>KB6HP</b> Lou Ann <b>N6HR</b> Hillar <b>KA6HSM</b> Barbara <b>KB6HT</b> Ray <b>W6HUA</b> Jim <b>K6HXY</b> Chuck <b>I=WC6I</b> Steve <b>W6IAE</b> Sandy <b>W11CU</b> Norm <b>K4II</b> Bill <b>W6IKQ</b> Phil <b>K6ILM</b> Elliot <b>WA6IME</b> Lee <b>WA6IQM</b> Ken <b>W6ISQ</b> Jack <b>W6ITH</b> Reg <b>K6ITL</b> Knock <b>WA6ITR</b> Vic <b>N6ITY</b> Dennis <b>WA6IUM</b> Ed <b>J=KT6J</b> Joel <b>W6JD</b> Doug <b>WA6JDB</b> Jay <b>W6JHN</b> Al <b>N6JM</b> John <b>W6JNF</b> Chuck <b>W6JRY</b> Jerry <b>N6JV</b> Norm <b>WB6JXU</b> Roger <b>W6JZU</b> Smitty <b>K=KN6K</b> Keith <b>WY6K</b> Mike <b>W6KG</b> Lloyd <b>W6KH</b> Dick <b>WB6KJE</b> Mike <b>K6KLY</b> Russ <b>W6KNH</b> Clyde <b>W6KOE</b> Dave <b>WB6KQI</b> Virg <b>W6KQK</b> Andy <b>K6KQN</b> Vince <b>W6KXG</b> Jim <b>L=NB6L</b> Don <b>W6LD</b> Jack <b>WA6LFD</b> Bernie <b>WA6LIJ</b> Jerry <b>WA6LKM</b> John <b>K6LM</b> Jim <b>W6LPM</b> Andy <b>K6LQA</b> Bill <b>W6LQC</b> Phil <b>K6LRN</b> Dick <b>KB6LT</b> Nolan <b>KE6LT</b> Gene <b>W6LVY</b> Dennis	<b>M=KKØM</b> Dave <b>WX6M</b> Rich <b>K6MA</b> Stan <b>W7MAP</b> Chuck <b>KB6MD</b> Dennis <b>W6MKM</b> Steve <b>W6MTJ</b> Bob <b>W6MUR</b> Bill <b>W6MZ</b> Jack <b>W6MZQ</b> Walt <b>WB6MZQ</b> Steve <b>N=KM6N</b> Jim <b>KW6N</b> Ed <b>W6NA</b> Fred <b>WB6NBR</b> Ron <b>W6NEQ</b> Bep <b>N7NG</b> Wayne <b>W6NKR</b> Marion <b>W6NLG</b> Gordon <b>K6NM</b> John <b>W6NPY</b> Dave <b>O=KR6O</b> Steve <b>NU6O</b> Dennis <b>WA6O</b> George <b>W6OAT</b> Rusty <b>N6OC</b> Cab <b>W6OCY</b> Chuck <b>WA6OEC</b> Denny <b>WA6OEY</b> Jim <b>WB6OFM</b> Martin <b>W6OG</b> Clint <b>WB6OIP</b> Pete <b>N6OJ</b> Chuck <b>K6OJO</b> Steve <b>WB6OKX</b> Art <b>W6OL</b> Howard <b>N6OM</b> John <b>W6OMR</b> Irv <b>N6OO</b> Claude <b>WB6OOL</b> Pete <b>K5OS</b> Joe <b>KE6OT</b> AL <b>WB6OTB</b> Dick <b>WB6OTC</b> Ernie <b>W6OWM</b> Leo <b>KB6OZ</b> Dick <b>K6OZL</b> Ron <b>K6OZV</b> John <b>P=KR6P</b> Fuat <b>NW6P</b> Tom <b>K6PBT</b> Chuck <b>W6PHF</b> Dave <b>W6PKB</b> Roger <b>K6PKO</b> Jerry <b>W6PML</b> Lindy <b>W6PNV</b> Bob <b>K6PU</b> Ken <b>W6PVE</b> Gerry	<b>Q=AG6Q</b> Ralph <b>AK5Q</b> Mickey <b>KB6Q</b> Al <b>KR6Q</b> Tom <b>WB6QDC</b> Jack <b>W6QDE</b> Vince <b>W6QEU</b> Pete <b>W6QHS</b> Dave <b>W6QL</b> Iris <b>WB6QMD</b> Linda <b>KF6QO</b> Karl <b>N6QP</b> Tudor <b>N6QR</b> Adam <b>K6QW</b> Norm <b>W6QW</b> Nels <b>R=WR6R</b> Al <b>N6RA</b> Tom <b>N6RC</b> Dick <b>W6REC</b> Duane <b>WB6RFI</b> Warren <b>W6RGG</b> Bob <b>W6RJ</b> Bob <b>K6RK</b> Chuck <b>WA6RLE</b> Curt <b>N6RO</b> Ken <b>K6RQ</b> Frank <b>N6RQ</b> Bob <b>W6RQ</b> Al <b>N6RR</b> Ron <b>W6RRF</b> Bill <b>WB6RSU</b> Bob <b>K6RUW</b> Tak <b>W6RVS</b> Dick <b>DJ6RX</b> Klaus <b>S=AF6S</b> Dave <b>KD6S</b> Sam <b>KG6S</b> Terry <b>KW6S</b> Len <b>NC6S</b> Ken <b>K7SA</b> Warren <b>WA6SGQ</b> Jim <b>K6SIK</b> Bill <b>WA6SLO</b> Dick <b>K6SOL</b> Bill <b>W6SSA</b> Shig <b>K6SSJ</b> Bob <b>N6ST</b> Steve <b>W6SUJ</b> Pat <b>W6SYL</b> Paul <b>W6SZ</b> John <b>W6SZN</b> Kip <b>T=AA6T</b> Lloyd <b>AK6T</b> Pat <b>KD6T</b> Jim <b>NG6T</b> Bob <b>W6TC</b> George <b>W6TER</b> Gerry <b>W6TEX</b> Bill <b>WA6TJM</b> Dave <b>WA6TKT</b> Gary <b>K6TMB</b> Lou <b>WA6TOO</b> Harry <b>K1TOY</b> Ron <b>W6TPH</b> Bill <b>W6TSQ</b> Sam <b>W6TT</b> Elvin <b>N6TV</b> Bob <b>W6TWO</b> Rolph	<b>U=AE6U</b> Scotty <b>K6UD</b> Stan <b>K6UFT</b> Gordon <b>K6UJG</b> Ron <b>WB6UOM</b> Ernie <b>W6UR</b> Joe <b>K4UVT</b> Bob <b>N6UW</b> Bill <b>K6UWD</b> Mason <b>KF6UZ</b> Al <b>V=AI6V</b> Carl <b>AJ6V</b> Ed <b>KJ6V</b> Frank <b>WA6VEF</b> Gary <b>W6VG</b> Ron <b>W6VQD</b> Win <b>KD6VS</b> Chuck <b>N6VT</b> Ralph <b>OH5VT</b> Heimo <b>N6VV</b> Lew <b>W=KA6W</b> Ted <b>WX6W</b> Fred <b>W6WAK</b> Ken <b>W6WB</b> Bud <b>K6WC</b> John <b>K6WD</b> Pres <b>WB6WKM</b> Dick <b>KE6WL</b> Brain <b>K6WR</b> Brad <b>KH6WT</b> Cherry <b>W6WU</b> Ken <b>WA9WYB</b> Rich <b>X=KK6X</b> Jim <b>NG6X</b> Ron <b>NQ6X</b> Bob <b>NT6X</b> Jim <b>W7XA</b> Al <b>KG6XF</b> John <b>N6XF</b> Walt <b>N6XH</b> Dave <b>N6XI</b> Rick <b>K6XJ</b> Perry <b>K6XM</b> Greg <b>K6XN</b> Ted <b>W6XP</b> Stan <b>W6XR</b> Natan <b>K6XT</b> Art <b>K6XV</b> Bob <b>KD6XY</b> Larry <b>W6XY</b> Ron <b>Y=KR7Y</b> Hugh <b>K6YK</b> John <b>W1YL</b> Ellen <b>W6YQ</b> Mike <b>W6YVK</b> Ev <b>K5YY</b> San <b>Z=AA6Z</b> Paul <b>KR6Z</b> Jon <b>KZ6Z</b> Steve <b>NZ6Z</b> Steve <b>KE6ZE</b> Dave <b>WB6ZHD</b> Mike <b>K6ZJV</b> Moe <b>W6ZKM</b> Frank <b>K6ZM</b> Phil <b>KBZTT</b> Dick <b>WB6ZUC</b> Jo <b>K6ZUR</b> Chuck <b>K6ZX</b> Doug <b>N6ZX</b> Jim
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