

The Northern California DX Club, Inc.



The DXer

FEBRUARY 1981

VOL. XXXV

NR. 2

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- PLACE: HARRY'S HOFBRAU, at the Palo Alto airport/golf course
- DATE: FRIDAY, 13 February, 1981
- TIME: Cocktails --- 6:30 P.M. 7:30 P.M. --- Munchies
- MENU: Cafeteria style dinner plates, same as last month. Inflation fighting specials --- good food at a good price. If you didn't attend last month you'd better show up this month and see what you missed!
- PROGRAM: Smorgasbord. First, for an appetizer, there will be a videotape covering everything you ever wanted to know about spectrum analyzers but were too bashful to ask about. Next will be a demonstration, showing the practical approaches to measure noise figure, bandwidth, skirts, spectral purity, etc., i.e., a spectrum analyzer workshop. Bring your handhelds and see how clean they are. Bring your 30S1 or Alpha 77 and see how linear it is. Please bring your own dummy load for this part!
- Last but not least, we will finally get down to some serious discussion on the proposed club DXpedition. A committee will be selected to make the final plans, so bring your ideas. ZA? BY? ???

DXER OF THE YEAR AWARD

To be named the "DXer of the Year" is the most prestigious honor that the NCDXC can offer any member.

This award, not necessarily given every year, is presented at the annual NCDXC/SCDXC bash in Visalia. Any club member can be nominate any other club member for the award. The nominations should be accompanied by a brief summary of the accomplishments of the nominee.

Among the criteria that the awards committee will use are the following: 1) Cooperation and assistance with DX efforts. 2) Standards of operating practices and ethics. (Fair play, sportsmanship, etc.) 3) Participation in club activities. Achievements, such as winning DX contests, service to amateur radio, ARRL appointments, service to the general public in emergencies, promoting goodwill internationally, etc.

Nominations will be accepted only through March 31, 1981. Please send your award nominations to the chairman:

W6JZU R.C. Smithwick
25215 La Loma Drive
Los Altos Hills, CA. 94022
Attn: Awards Committee

Nominations will be opened and judged by the committee after the deadline.

MINUTES OF MEETING OF BoD NCDXC Jan 19, 1981

Present were Steve N6ST, Hal N6AN, Ted K6XN, Ted W6BJH, Gene WD6DLK, Bruno AA6AD, and Ron W6VG. Meeting called to order at 815 PM by Bruno. Hal, N6AN presented a summary of changes that have been made to the procedures manual. The PM currently in the members hands will be updated by an enclosure in the Feb. 1981 DXer. All other PM will be up-dated before being given out. PM will be available at no charge at the Feb. meeting, and subsequent meetings. Pick up a copy if you wish, any mail orders must contain an SASE. All new members will receive a copy with their membership certificate and by-laws. Rev. #5 to the PM was adopted unan- imously by the board and will be sent to the DXer. Hal, N6AN volunteered to research the preamble to the Thursday net meeting, and will report to the board. The membership application was discussed and the composite of the application submitted by Bob Thompson, K6SSJ, and Ron Panton W6VG was examined. With certain deletions, and changes, the revised application as reviewed by the board was adopted.

The suggestion by W6JZU, Smitty for changes in the procedures manual was given a lengthy discussion but failed to pass. The vote was 6 nays, 0 ayes, and 1 abstention. A letter from Stan Kaisel, K6UD was read, the subject being the partisanship shown during the meetings by the officers of the club. It was agreed that Stan is correct, and the officers and board members will not let their partisan views influence the meetings. A letter to this effect was sent to Stan Kaisel. The Visalia DX Convention plans as mentioned by Bob Thompson at the January meeting brought out various suggestions for guest speakers. All suggestions will have to be researched. DXpedition plans were once again gone over, with nothing concrete on the agenda yet. Plans for the ARRL DX Test discussed, and the fact that we must attempt to beat Southern Calif. DX Club for the trophy. Repeater jammers were brought up, and the club direction finders must be located and put into use. We have approximately 15 boards and components, but where are they? Once again we beg you: ignore the jammers.

The board unanimously recommended acceptance of the life membership application of Ron Panton W6VG, subject to membership approval at the regular February meeting. It has been suggested that we make a concerted effort to greet any new faces who show up at meetings. The NCDXC has been remiss in exuding friendliness to newcomers at meetings.

A club logo has been taken under advisement, and a possible contest for club members to suggest a logo.

Meeting adjourned at 0005 AM, January 20, 1981.

Respectfully submitted,

Ron Panton

Ron Panton, W6VG
Secretary, NCDXC

MINUTES NCDXC MEETING OF JAN. 9, 1981

Meeting held at Harry's Hof Brau in Palo Alto, in the Palo Alto Golf Club building. Cocktails started around 6 PM and dinner between 730 PM and 830PM. Meeting per se got under way at 830PM. Introductory words from Bruno before presenting Tom Gallagher, N6RA. 62 voting members present, plus guests and XYLs. Tom presented a very interesting and informative talk with view-graph slides on low frequency antennas. With sun spots declining, this subject is dear to our hearts.

Secretary W6VG gave a report on statistics of club membership, and the inventory. The NCDXC now has a total member list in the roster of 315. Of these, 233 are full voting members. 7 are associates, (however 2 of the associates have since up-graded) Congratulations to WD6CMT Leonard Cutler, and K6KLY Russ Bentson. There are 20 absentee members 8 charter members listed, and 5 honorary members. We gained 31 new members in 1980, and lost 26. Of the 26, 24 were dropped for non payment of dues, and silent keys N6OV, and W6LP have left us.

Guests included N6BLN, KM6N, K6VVA our esteemed former member Rick, W6LVY, W2TDQ, N6GK, AJ6V, W6RUE, W6CYX.

First readings were given for W2TDQ, AJ6V, KM6N, W6LVY, N6BLN, and N6GK. Congratulations to new members KR60 Steve, W6CSI Norm, N6TV Bob, W6AEO Dave. Welcome to all of you and looking forward to meeting again at the February meeting.

Our President Bruno Bienenfeld welcomed and honored Charter Member Mario Chirone, W6DUB. It was hoped that our very active Charter Member Reg Tibbetts W6ITH would be present, but he couldn't make it. It would be nice to make an effort to get W6TT Elvin, Charles W6EJA, Reg W6ITH, Mario W6DUB, Jack W6BUY, W6IKQ Phil, W6QLH Bud, all together at one meeting. Perhaps in the East Bay, as most of them now reside in the East side of the bay. Our remaining Charter Member W6AED Bud Walton now resides in Idaho.

W6QDE Vince Wright has suffered a heart attack, and the club sends our best wishes for a speedy recovery.

W6RCG acted as our competent parliamentarian in his usual fashion. President Bruno Bienenfeld reported on the club activities during the first six months of the present executives, the goals and achievements. The picnic celebrating the 34th birthday of the club was a resounding success. Our members out did them selves in the Cq WW DX contest with over 40 million points. Still in the planning stages is the NCDXC DXpedition, and the history of the club.

Treasurer Gene Spinelli WD6DLK gave a very clear and concise report on the status of our bank accounts. Also he projected the anticipated budget for the next six months.

K6TXR Bill Vette proposed a thank you for the excellent facilities and food which we enjoyed during our meeting. Apparently Harry's Hof Brau met with the approval of most if not all the members present. Congratulations Harry. However our vote of gratitude must go also to W6NLG Gordon Girton for his suggesting the Hof Brau and making all the arrangements.

KS6O moved and it was seconded, that the club send a letter of apology to KR6O. W6TER moved to amend the motion, that the board of directors send the letter from them, apologizing for the boards actions at the December meeting. W6CF moved for tabling the motion and moved for a unified action on the part of the club and have the board of directors write a letter welcoming KR6O. The ayes carried, and it was so ordered.

Bruno announced that Smitty, W6JZU is chairman for the DXer of the year award. Ken Ruddick, K6HNZ is second member, and the third member remains anonymous. Nominations for the award are now open, please send to either Smitty or Ken. Deadline is the 31st of March, 1981.

Bruno has the excellent abilities of Jan, K6HHD as the new contest chairman. Bob Thompson, K6SSJ spoke on the Visalia Convention plans. Notices of announcement have gone out. Bob needs a chairman for the bus, or there will be no bus. Also a prize chairman and an advertising chairman. Tom Schiller will handle the contest forum, and Rubin and Fern will co-handle the registration. Also appointed/volunteered were N6AUS Dave Hillman and K6XN Ted Park to assist Bob. Volunteer bartenders for the relaxation hour were W6CF, WD6DLK, and W6VG.

Our congratulations to Len Geraldi, K6ANP on upgrading to Extra class license. Welcome back to Bob, W6CYX who we re-instated.

The life membership dues as approved by the board of directors was unanimously approved by the assembled members. The sliding scale of dues appeared in the January DXer. This will amend Procedures Manual Part 2, 2-100 d. - to show the new graduated scale of dues depending upon age.

The petition to change the by-laws Article II Section 3 submitted by Dave Hillman N6AUS, was properly signed by 18 members. Discussion pro and con brought out arguments by Dave Hillman, Smitty Smithwick, Doug Westover, Ted Park, Stan Kaisal, Adam Mentis, Ted Davis and others. With 59 voting members present, 2 more than a quorum, Bruno called for the secret ballot. The vote was 30 noes and 28 ayes, so the petition failed to pass.

Jay O'Brien presented a short talk on Westlink and its need for money. We also heard a tape on Westlink played by Jay. It was moved and seconded that the NCDXC donate \$100 to Westlink. The motion failed to pass.

Meeting adjourned at 1144PM

Respectfully submitted,

Ron Pantou

Ron Pantou, W6VG
Secretary, NCDXC

SHAVER RADIO, INC.

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New! AZDEN® PCS 3000 BLAZING THE FRONTIER OF MICROCOMPUTER COMMUNICATIONS



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- **8 CHANNEL MEMORY:** Each memory channel is reprogrammable and stores the frequency and offset. Memory is backed up by a NICAD battery when power is removed.
- **INSTANT MEMORY 1 RECALL:** By pressing a button on the microphone or front panel, memory channel 1 may be accessed immediately.
- **MEMORY SCAN:** Memory channels may be continuously scanned for quick location of a busy or vacant frequency.
- **PROGRAMMABLE BAND SCAN:** Any section of the band may be scanned in steps of 5 or 10 kHz. Scan limits are easily reprogrammed.
- **DISCRIMINATOR SCAN CONTROL (AZDEN EXCLUSIVE PATENT):** The scanner stops by sensing the channel center, so the unit always lands on the correct frequency. **COMPARE!** this with other units that claim to scan in 5-kHz steps!
- **THREE SCAN MODES WITH AUTO RESUME:** "Sampling" mode pauses at busy channels, then resumes. "Busy" mode stops at a busy channel, then resumes shortly after frequency clears. "Vacant" mode stops at a vacant channel and resumes when signal appears. If desired, auto resume may be prevented by pressing one button. **COMPARE!**
- **REMOVABLE HEAD:** The control head may be located as much as 15 feet away from the main unit using the optional connecting cable. **COMPARE!**
- **PL TONE OSCILLATOR BUILT IN:** Frequency is adjustable to access PL repeaters.
- **MICROPHONE VOLUME/FREQ. CONTROL:** Both functions may be adjusted from either the microphone or front panel.
- **NON-STANDARD OFFSETS:** Three accessory offsets can be obtained for CAP/MARS or unusual repeater splits. CAP and Air Force MARS splits are **BUILT IN!** **COMPARE!**
- **25 WATTS OUTPUT:** Also 5 watts low power to conserve batteries in portable use.
- **GREEN FREQUENCY DISPLAY:** Frequency numerals are green LEDs for superior visibility.
- **RECEIVER OFFSET:** A channel lock switch allows monitoring of the repeater input frequency. **COMPARE!**
- **SUPERIOR RECEIVER:** Sensitivity is better than 0.28 uV for 20-dB quieting and 0.19 uV for 12-dB SINAD. The squelch sensitivity is superb, requiring less than 0.1 uV to open. The receiver audio circuits are designed for maximum intelligibility and fidelity. **COMPARE!**
- **ILLUMINATED KEYBOARD:** Keyboard backlighting allows it to be seen at night.
- **TRUE FM, NOT PHASE MODULATION:** Transmitted audio quality is optimized by the same high standard of design and construction as is found in the receiver. The microphone amplifier and compression circuits offer intelligibility second to none.
- **OTHER FEATURES:** Dynamic microphone, built-in speaker, mobile mounting bracket, external remote speaker jack (head and radio) and much, much more. All cords, plugs, fuses, microphone hanger etc. included. Weight: 6 lbs.
- **ACCESSORIES:** CS-ECK 15-foot remote cable ... \$35.00. CS-6R 6-amp ac power supply ... \$59.95. CS-AS remote speaker ... \$18.00. CS-TTK touch-tone® microphone kit (wired and tested) ... \$39.95.

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- 10 Memory Channels with Auto Memory Initialize Digital Display—Reliable Long-Life, Rugged LED's
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- 800 Channels plus MARS (143.0 — 149.995)
- Keyboard Entry of All Frequencies, All Digits plus Autotone
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When is a handheld a radio module? When it is designed from the start to be part of a complete 25 or 50W mobile system. Not only can the Santec HT-1200 operate on its own Ni-Cd battery, but also it can function respectably as the center of a modular synthesized high power mobile.

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10 programmable memories, the microprocessor programs 10 different popular frequencies into the memory on initial start-up. These may be overwritten by the user when programming his favorites. This added convenience is standard in the Santec.

Compare the features and functions that come with the competition's popular 25 watt mobile units and you will find the HT-1200 system has them all beat! This dream of a radio is more than a dream, it's a reality. See us at the Dayton Hamvention for a hands-on demonstration of all the capabilities of the Santec HT-1200.

REVISION No.5 to NCDXC PROCEDURES MANUAL - Manual holders shall include these revisions in the appropriate paragraphs of the Procedures Manual.

Paragraph 2-100 Dues, page 6. - subparagraph d. delete in its entirety. Add a new subparagraph d. as follows: Life members dues shall be according to age and by making a one-time single payment, in accordance with the following table:

<u>age interval</u>	<u>average life expectancy</u>	<u>*60% of 1980-81 dues rate</u>
20-25.....	55.5.....	\$335
26-30.....	50.8.....	305
31-35.....	46.0.....	275
36-40.....	41.5.....	250
41-45.....	36.8.....	220
46-50.....	32.3.....	195
51-55.....	28.0.....	170
56-60.....	23.9.....	145
61-65.....	20.1.....	120
66-70.....	16.7.....	100
71-75.....	13.5.....	80
76-80.....	10.6.....	65
81-85.....	8.5.....	50

*Subject to change with increases or decreases in annual membership dues rate. Adjusted to nearest five dollar increment.

Paragraph 3-111 Club Roster, page 19. - Subparagraph a. delete the words 'In January' insert in lieu thereof the words, 'During October and November'. Change the word 'compile to 'issue'. Subparagraph b. change the two references to 'March' to 'December'.

INTRODUCTION, page 1 - Delete the fifth and sixth paragraphs in entirety. Insert in lieu thereof the following: Members shall be provided, without cost, a copy of the procedures manual. Approved revisions will be printed in the club publication and disseminated to all club members. It shall be the responsibility of each member to maintain his copy in an up-to-date manner.

Paragraph 1-103 Voting into Membership, page 3 - Subparagraph e., last sentence, add: the words 'procedures manual' between the words by-laws and roster.

Paragraph 3-103 Duties of the Secretary, page 9 - Subparagraphs b. and c. delete in entirety.

NCDXC CONTEST CALENDAR

FEBRUARY 21-22: ARRL INTERNATIONAL DX CONTEST-CW
NCDXC vs SCDXC, let's keep the trophy in the north for the fifth consecutive year.
(Phone contest: March 7-8)

FEBRUARY 28-MAR 1: French DX Contest-Phone. Opportunity to fill needs for French countries & territories details in Jan. QST p. 90 and Jan. CQ p. 75.

INTERNATIONAL POSTAL RATES - Effective January 1, 1981

	U.S. & Possessions Canada, Mexico	Central America Columbia, Vene- zuela, Caribbean	South America, Europe, Africa, Asia, Oceania
Surface Postcard (QSL)	\$0.10	\$0.19	\$0.19
Surface letter-1 oz.	\$0.15	\$0.30*	\$0.30*
Additional oz. to 13	\$0.13		
Air Postcard (QSL)		\$0.28	\$0.28
Air Letter (each 1/2 oz.)		\$0.35**	\$0.40***
Aerogramme		\$0.30	\$0.30

- * Over 1 up to 2 oz., \$0.47; over 2 up to 3 oz., \$0.64
 ** Over 2 oz., \$0.30 each additional half ounce
 *** Over 2 oz., \$0.35 each additional half ounce

 SUGGESTION: Cut out the above and paste in your Callbook on page 25.

This information is from the Postal Bulletin (PB 21277) and is printed for your convenience by Jay and Jan O'Brien, W6GO and K6HHD

FREE AWARD

Here's a little something that caught my eye in QST recently, which you may have overlooked. It is free, though it isn't really an award as such. However, it isn't available to just anyone, so it does give some recognition to those of you who haven't quite made the honor roll and aren't likely to score 10M in a DX contest. And it will probably impress non-hams much more anyway. What is it, you ask? It's an Extra Class License certificate. And all you have to do to get one is to send a copy of your license to the FCC Engineer in Charge for the district in which you live, which is the San Francisco District for those of us in the NCDXC. Try 555 Battery St., San Francisco, CA. 94111.

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Dear Members of the Northern California DX Club:

We are an old (since 1940) established supplier of amateur equipment. We would like the opportunity of serving your needs. We handle and inventory most products. We promise competitive prices and prompt, courteous service.

Please call me personally,
 Don Busick - K5AAD
 Owner

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NCDXC BIOGRAPHICAL INFORMATION

CALL N 6 A N PREVIOUS CALLS HELD W6EYY AGE 68
 NAME Hal Godfrey CITY San Carlos COUNTY San Mateo
 OCCUPATION Quality Control Director (retired)
 YEAR FIRST LICENSED 1931 YEAR JOINED NCDXC 1969
 AWARDS 5BWAS, CP35, wpm, SSTV WAS #4, DXCC, WAS, WAC, SS winner 48, 52 & others
 GEAR/ANTENNAS TS-520, SB-220 linear, TH6DXX, dipoles 40 & 80 all 38' high.
 CLUB AFFILIATIONS NCDXC, 10-10 Intl. DXCC FONE _____ CW 120 MIXED 322
 OTHER HOBBIES AND INTERESTS woodworking, genealogy
 DO YOU WORK CONTESTS? yes WHICH ONES? ARRL & CQ WW DX & other DX contests
 FUNNIEST MOMENT/BIGGEST MOMENT IN DX? everytime a new one is worked it is a big moment.
 CURRENT PROJECTS/GOALS IN HAM RADIO Eliminate TVI - build some test equipment
 TEN MOST WANTED COUNTRIES 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
A6 70 5A 2A 4W 5V VU7 VS9K 824 all Ts
 TEN EASY ONES THAT I 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
 HAVEN'T WORKED YET CEØX FR/G HKØ Baja Malpelo S2 FR/Ju an de nova
 ANYTHING YOU'D LIKE TO SEE IN THE DXER, COMMENTS? more on contests info on dxpeditions

NCDXC BIOGRAPHICAL INFORMATION

CALL N6ST PREVIOUS CALLS HELD WN6BRN, WB6BRN AGE 33
 NAME STEVE THOMAS CITY CUPERTINO COUNTY SANTA CLARA
 OCCUPATION PRODUCT SUPPORT ENGINEER
 YEAR FIRST LICENSED 1962 YEAR JOINED NCDXC 1979
 AWARDS DXCC (PHONE, CW, MIXED), WAS, WAC
 GEAR/ANTENNAS TR-7, ALPHA 76PA, KT-34 AT 18 METERS, 40 METER DIPOLE
 CLUB AFFILIATIONS FARS, LAS CUMBRES DXCC FONE 242 CW 125 MIXED 267
 OTHER HOBBIES AND INTERESTS PHOTOGRAPHY, GUITAR, READING
 DO YOU WORK CONTESTS? YES WHICH ONES? CQ WW, ARRL DX, FIELD DAY, S.S.
 FUNNIEST MOMENT/BIGGEST MOMENT IN DX? WORKED SPRTLY ON THE FIRST CALL
 CURRENT PROJECTS/GOALS IN HAM RADIO 300 MIXED TOTAL, INSTALL 80 METER ANTENNA
 TEN MOST WANTED COUNTRIES 1. A6 2. KY 3. CEØX 4. HKØ 5. PYØ 6. VKØ 7. VS9K 8. VU7 9. VU7 10. XZ
Malpelo St. Peter Heard
 TEN EASY ONES THAT I 1. KP1 2. TT 3. 3C 4. 5R 5. 5U 6. 9L 7. ZL 8. CEØZ 9. VK9 10. FO
Kermadec Mellish Clipperton
 ANYTHING YOU'D LIKE TO SEE IN THE DXER, COMMENTS? Information on the use of world globes to determine sunrise and sunset times

