

The Northern California DX Club, Inc.

The DXer

JANUARY 1984

VOLUME XXVIII

NUMBER 1

THE JANUARY MEETING

DATE: Friday, January 13, 1984

TIME: 6:30 PM Cocktails 7:30PM Dinner

PLACE: Harry's Hofbrau, in PALO ALTO -- take the Embarcadero turnoff toward the Palo Alto Airport/Golf Course

PROGRAM: OSCAR 10 John Pronko W6XN - John Browning W6SP
Gñmn Board AMSAT

THE PREZ SPEAKS:

New Years Greetings to all DXers! The Christmans Party on Dec 9 was a roaring success thanks to Chairman Lou K6TMB, Santa Claus Howard W6SC, and the music of Ken N6RO and his wife Jean. Hiller also assisted with his squeeze box. However, the election of two Directors was a fiasco! An almost useless PA systems and an overly enthusiastic crowd made it impossible to communicate with the voters. Three members have petitioned the BoD to invalidate the election citing failure to follow the Procedures Manual and failure to properly control distribution and collection of ballots. Apparently at least three members were not given ballots for the fifth ballot.

It is true that I did not use the proper club officers to conduct the election (for reasons that seemed valid to me). An examination of the total votes cast for each of five ballots suggest some sort of irregularity or lack of control. There were 54 voting members who signed in. Two members arrived late and did not sign in. Votes cast were: 1st ballot-50 plus 9 second choices (contrary to instructions that only one choice per ballot), 2nd ballot-50, 3rd ballot-55, 4th ballot-51, and 5th ballot-44.

The Board has reviewed the situation and has unanimously agreed that the election should be re-run. Accordingly we will conduct another election for two Directors at the January 13 meeting at Harry's Hof Brau. We will start with the same slate of nominees from the December meeting i.e.

W6GO Jay O'Brien
K6ANP Len Gerald
WB600L Pete Grabosky

K6SSJ Bob Thompson
KG6S Terry Wilkin

(Continued on Next Page)

THE PREZ SPEAKS (Cont)

Incidentally, **WB600L** and **K6SSJ** were elected at the December meeting.

Everyone agrees that we should never again hold this election in conjunction with our December meeting, which is also our Christmas party. We will have to change our By-Laws to accomplish. We will also consider changing our Procedures Manual to simplify the voting procedure. With five candidates it could take six ballots to decide two winners under present procedures.

All the best for your New Year including **VU7**, **ZA**, **YA** and whatever else you still need.

73 Chuck **K6RK**



YASME Foundation

P.O. Box 2025 Castro Valley, California 94546

Dear Friends

San Andres Island Nov 21, 1983

We have just concluded operation as **W6KG/HK0**, San Andres Island. We made slightly more than 8000 QSOs with amateurs in 126 countries, operating all bands CW and SSB.

We operated from the QTH of Francisco, **HK0BKX**. We used our equipment and Francisco's antennas. We were the only active DX station on San Andres during our 2 1/2 weeks there. Being the only amateur station in the country, the pile-ups were tremendous! We had planned for over a decade, to visit Francisco and operate there. It was great to finally make it.

San Andres is a small island that caters to the tourist trade from South America. The temperature varies from 86 to 96 degrees Fahrenheit and the humidity is high. Never-the-less, it was a welcome change from the cold of Madrid, Colombia.

San Andres reminds us of some of the Caribbean Islands, but most of the people in the stores, as well as the visitors, speak Spanish. The local electric power system frequently stops for a few hours at a time. Fortunately, there was no major contest during our stay so the power interruptions did not cause too much trouble. Most of the local stores have power generators for stand-by. When the power fails, they bring their generators out on the sidewalk and let them run. During power outages, it looks unusual to see all the generators in front of the stores!

We go next to Ecuador. We hope to operate on the mainland and also on the Galapagos Islands.

*Lloyd*⁷³ es
Lloyd Colvin
W6KG

*Iris*⁸⁸
Iris Colvin
W6QL

MEET THE MEMBERSHIP - - - UP CLOSE and PERSONAL

LYLE MEEK

Wife: Pam - KA6RLU
 Sons: Michael - KA6LFC
 Steven - N6CZJ



Born and raised as an Army "Brat", Lyle was born in Little Rock, Ark and travelling all over the states before coming to rest in his pre-teens in Monterey, CA Lyle graduate from Monterey High School and immediately entered the USAF. His initial duties were those of a Military Policeman however, he spent most of his 20 yrs. as an Instructor. Four of his instructor years

were as a "Drill Sgt". Lyle retired in 1979 as a Senior NCO and went to work for the Boy Scouts of America as a District Executive. (what else would you do after 28 years as a volunteer Scout leader). He worked for the scouts for about a year and is now the Adjuster in charge of the Santa Rosa Branch of Underwriters Adjusting Company.

Lyle became interested in amateur radio during his senior year in school. Military duties and family responsibilities delayed his entry into active hamming. He was first licensed in 1964 and while stationed on Johnston Island operated KJ6BZ. Upon returning to the states it was back to family life and scouting. During this period he and his family were active in the Model A Ford Club of America and Lyle is still involved in restoring and driving Model As. His last duty assignment before retirement was as Superintendent of Police at Kingsley Field, Klamath Falls, OR. Bad weather kept the family inside a lot and thus the reentry into amateur radio. Relicensed in 1977 he has been active ever since. Lyle is also a licensed pilot and enjoys stamp collecting during the

quieter moments. He holds an Extra Class license and his previous calls have been: WN6LDE, WB7SRY, KA6CDP and N6BLN.

DX Count:
 SSB 250
 MIXED 264
 CW 94

Lyle is a member of the DXer staff

ED. NOTE
 Future articles will not be limited to members of the DXer Staff.

SANTA ROSA, CALIFORNIA U.S.A.
SONOMA COUNTY

N6BLN

	DATE	UTC	CALL	RST	MODE	BAND
WAS						
WAC	M				CW	160 80
WAZ	D				SSB	40 30
DXCC	19				FM	20 15
					RTTY	10

LYLE MEEK
1469 LUPINE DRIVE



PSE QSL TNX

NCDXC REDXA

NOSTALGIA

Twenty-five years ago there was a publication titled "Ham Register". The preface stated the register included a representative cross section of active and well known radio amateurs. Hams who made our hobby "tick". Some of our present day club members were listed in this register. Here is what was said about them a quarter of a century ago:

W6JWD, Eric, now W6DU our club president
Eric Edburg, Palo Alto..Licensed 1933, Ex W2FQW - W2GFP..Electronics Engineer - Varian Associates - Chief Test Engineer - Klystrons Eqpt. Attended City College of New York - Member: IRE, ARRL, Radio Officer Palo Alto CD..Service USNR Active duty - Married, 2 children.. Hobbies Golf, Fishing, Chess, Tennis.

W6ATR, Chuck, now K6RK, our club treasurer
Charles Patterson, LaFayette..Licensed 1930, Ex W6FCN, EKB, IMS, W2NXO, Superintendent of Production, U.S. Steel Corp., Tinsplate mill..Attended University of California, BS in EE, Stanford MBA..Club: Assoc. of Iron and Steel Eng...Service: Signal Corps and Air Force. Reserve Lt. Col. in Air Force...Married, 4 children...While on active duty at Wright Field was EO of Signal Corps Procurement District that purchased and distributed SCR 274, ART 13, BC348, BC375 and all other airborne radio and radar.

W6FYM, Howard, now W6SC, past club treasurer and secretary
E. Howard Hale, Belmont...Licensed 1931 - W6FYM, 1953 to 54 was W9YSR.. Electronic Research Technician, Eitel McCullough...Member: F.& A.M., Scottish Rite and Shrine...Service: U.S. Navy Reserve...Family: XYL Jeanne daughters, Susan and Sally and son, Ed...Hobbies: Hunting, Bowling, Golf. Also known to many on air as "Digger" due to having been Funeral Director and Embalmer for 15 years...Was ARRL SCM for San Joaquin Valley Sec. for two and a half years.

W6MVQ, Rich, now N6GG, past club president
Richard Lawton, Mountain View..Licensed 1935...Research Technician, IBM San Jose..Member Northern Calif. DX Club...Service: U.S. Navy Electronics Family: wife, 3 children...DXCC, WAZ..Wrote paper on phased ground plane antennas for 7 Mc, published in Feb. 1952 CQ Magazine.

W6MUR, Bill, past president of NCDXC
R.W. Johnson, Anaheim..Licensed 1935...Now Dir. Development, Interstate Electronics Corp, Anaheim...Attended Univ. of Calif. BSEE'43..Experience on Manhattan Project, Navy Missile and Torpedo work, mostly range instrumentation electronics consulting work...Reg. Prof. Eng., State of Calif.. Former Toastmasters Int'l...Author of many articles in technical and management magazines...All time high scorer in CD contest...Main interest: DX and supercharged cars..Active and past pres., Southern Calif. DX Club, OO..Wife Eve, 2 children...DXCC, WAC, WAS, A-1 Op.

W6BIP, Bip
Wilbur Bachman, San Francisco..Licensed 1928..W6MV from 1935 to 1941.. Field Service Supervisor, Aviation Engr Dept. GE Co...College: University of Calif...Member: Northern Calif. DX Club, The 29ers Radio Club..Married 3 children...Winner Woulf Hong Trophy'1931 for best all around amateur station 6th district USA...Winner DX contest SF Sec. 1946, 1947...Winner ARRL Sweepstakes CW 1952, 1953, 1954, 1955, 1956.

Other members and former members listed are: K6AQP, W6BIL, W6BSY, W6CTL, W6DUB, W6EJA, W6EYY, W6FSJ, W6GPB, W6HNN, W6JK, W6KG, W6LDD, W6NTQ, W6TI, W6RRG, W6UZX and W6WX.
Hal N6AN

Dear Friends

Quito, Ecuador SA December 7, 1983

We have just concluded operation as **W6QL/HC1** in Quito, Ecuador. We made nearly 5,000 QSO's with amateurs in 120 countries, working all bands, phone and CW.

Quito is located on the equator, but it is very high in the Andes Mountains. From our operating position, we can see several snow-capped volcanos. There has been two earthquakes while we have been here, they were strong enough to rock the operating table. We had our pictures taken with one foot in the Northern Hemisphere (North of the equator) and the other foot in the Southern Hemisphere. We went to our first bull-fight here. There were several thousand people attending the fight, which is something everyone should see at least once.

Both here and in Colombia, the major amateur radio clubs hold meetings every week, which is something that is not often done in the USA.

The Quito Amateur Radio Club is a very active organization with one of the finest buildings and antenna sites anywhere.

Our next operation will be in the Galapagos Islands. We already have our licenses and our call is **W6KG/HC8**.

73 es 88 - Lloyd & Iris Colvin

**DXCC HONOR ROLL MEMBERS AS
PUBLISHED IN QST DECEMBER 83**



MIXED

W6AM 365	K6LQA 326
K6DC 359	K6OJO 326
W6YK 357	W6JZU 326
W6KG 352	W6XP 326
K6WR 346	W6BJH 324
W6BSY 356	W6TC 323
W6KH 352	K6WC 321
N6EA 348	K6XT 320
W6ZM 351	N6JV 317
K6PU 342	K6UD 316
W6CF 342	

PHONE

OH2BH 343	W6AM 364
W6ISQ 348	W6BSY 348
W6MUR 351	W6ZM 346
JA1BK 348	K6WR 346
K6RQ 350	K6CCY 344
K6ZM 346	W6ISQ 338
W6RJ 344	W6RGG 337
K6MA 341	K5YY 336
W6RGG 341	W6KNH 335
W6ERS 340	W1ICU 333
K6DT 339	W6ZKM 332
W6KNH 336	WA6AHF 330
W6QL 336	K5OS 327
W6SC 336	W6LQC 326
DJ6RX 334	W6XP 326
K6OZL 332	K6OJO 325
W7NCO 330	K6XJ 321
W6ZYC 328	K6DT 319
W6LQC 327	

Calendar of Events

Jan. 27-29	CQ WW 160 M. C.W. Contest
Jan. 28-29	Michigan YL QSO Party
Jan. 28-29	U.B.A. Trophy Contest
Jan. 28-29	French C.W. Contest
Jan. 29-30	Classic Radio Exchange
Feb. 4-5	RSGB 7 MHz Phone Contest
Feb. 4-5	Vermont QSO Party
Feb. 4-5	ZERO District QSO Party
Feb. 4-5	Arizona QSO Party
Feb. 4-6	New Hampshire QSO Party
Feb. 5	North American C.W. Sprint
Feb. 11-12	QCWA C.W. QSO Party
Feb. 11-12	YL-OM Phone Contest
Feb. 11-12	TWO Land QSO Party
Feb. 11-12	Dutch PACC Contest
Feb. 12	North Amer. S.S.B. Sprint
Feb. 18-19	YL ISSB Phone QSO Party
Feb. 18-19	ARRL DX C.W. Contest
Feb. 18-20	Amer. Radio Club Contest
Feb. 18-26	Roman Castles Contest
Feb. 24-26	CQ WW 160 M. S.S.B. Contest
Feb. 25-26	YL-OM C.W. Contest
Feb. 25-26	RSGB 7 MHz C.W. Contest
Feb. 25-26	French Phone Contest
Mar. 3-4	ARRL DX Phone Contest
Mar. 3	DARC "Corona" 10 M. RTTY
Mar. 10-11	QCWA Phone QSO Party
Mar. 10-11	IARS CHC C.W. Contest
Mar. 17-18	Bermuda Contest
Mar. 17-18	QRP Spring C.W. Activity
Mar. 17-18	YL ISSB C.W. QSO Party
Mar. 17-18	IARS CHC S.S.B. Contest
Mar. 24-25	CQ WW WPX S.S.B. Contest
Mr.31 Ap.1	Connecticut QSO Party

**NO CW HONOR ROLL MEMBERS YET!
Corrections/additions to KK6X**

DECEMBER MEETING of NCDXC

The 9 December meeting of the NCDXC was held at the Elks Lodge in Palo Alto. President K6RK called the meeting to order at 8:10 PM.

Introductions of guest included KC7UU/5N6 and absentee member DJ6RX.

Chuck, KC7UU/5N6 gave a short and very interesting tape recording of the pile ups during on of his 5N6 operations.(something like when N6QR calls CQ on 40 meters.

Nominations for Board of Directors were requested by the President. Those nominated were: WB6OOL, K6SSJ, K6ANP, KG6S, and W6GO. Each nominee was given an opportunity to express their views on club issues.

Results of the 2nd ballot, WB6000 was elected to the BoD. The 5th and final balloting elected K6SSJ to the Board.

The first reading for Dick K6LRN was deferred until the January meeting due to the fact that Dick was not present for the initial reading.

The second reading was given for Bud KE6DN, and was approved for membership. Welcome Bud, to the WORLDS OUTSTANDING DX CLUB.

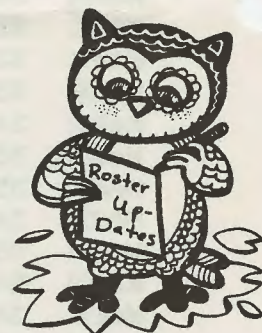
Marathon awards were distributed to the top operators.

The meeting was adjourned at 10:00 PM, with everyone enjoying the good time music provided by Ken and Jean KEELER.

Respectfully submitted
Len Gerald, K6ANP

ROSTER UPDATE: (NEW ROSTER)

NEW ADDRESS:	KR6Q	Tom Lewis 1220 Brockmere Road Pasadena, CA 91105 (213) 441-0173
	W6OWQ	William S. Jackson P.O. Box 149 Douglas City, CA 96024 95203
NEW ZIP CODE	N6OZ	
NEW ADDRESS	W6JNF	Charles M. Volkland 486 Alexandra Way Grass Valley, CA 95945 (916) 477-0148



DX NEWS

LACCADIVES - VU7

This DXpedition has come and gone and for many of us that exactly what they did "Came and Went." No Amps and only dipole antenna was our down fall. Word is out that another team is on the way and they are equipped for a DXpedition. Good Luck.

COCOS-TI9

Expect this one late in January or early February. Look for TI9CC

Hitch your beam to a star

An article on how to find true north - ridiculous - Fifty percent of the club members on the DXCC standings have worked 300 or more countries and the rest, with few exceptions have worked 200 or more. So, I guess we must know where true north is - or do we? Maybe we just align our beams in a northerly direction and since most beams are broad enough to tolerate a 20 or 25 degree error, we are close enough to work whatever DX we are chasing.

However, direction finding antennas to locate jammers require azimuth readings which are consistent and accurate to develop reliable triangulation information from two or more d/f sources.

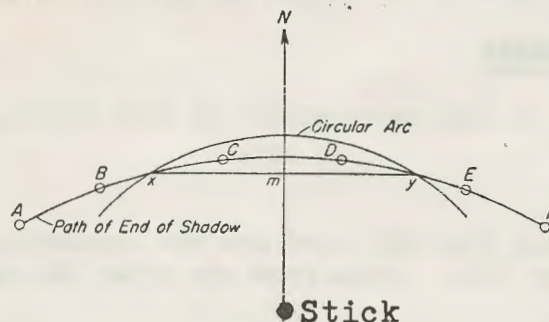
Perhaps, then, it is appropriate to review some of the methods used to determine true north.

Azimuths are angles measured clockwise from any meridian. Azimuths may be true or magnetic. Azimuths are read on a circle graduated in degrees (0° - 360°) after the circle has been properly oriented ie; 0° on true or magnetic north. There are several methods for determining azimuth. In our case we want a true north-south line which will provide true north on 0° . This can readily be done by using any of the following methods:

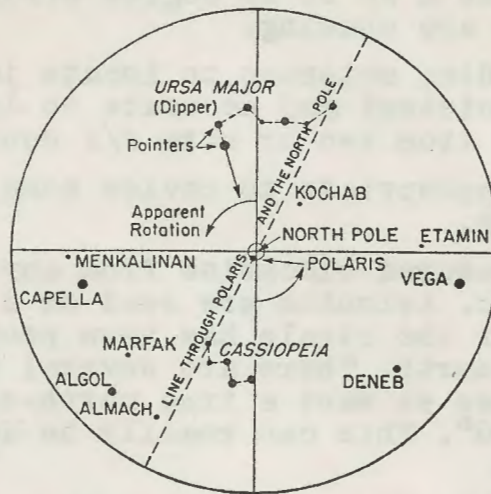
Compass Method: By definition the compass is a magnetized steel needle on a pivot at the center of a graduated circle. The needle points toward magnetic north. The magnetic lines of force of the earth, which align the needle, pull or dip one end of the needle below a horizontal position. The angle of dip varies from 0° at the equator to 90° at the magnetic poles. This dip is called the magnetic declination. An east declination is obtained if the magnetic needle points to the east of true north, and a west declination if it points to the west of true north. The U.S. Geological Survey, Chief Cartographer advised the 1980 magnetic declination is 16° east of true north from about the middle of San Francisco to Monterey and from the middle of San Francisco to Point Reyes it is 16.5° .

To align your beam heading on true north with a compass, orient its direction 16° or 16.5° , as appropriate, west of the compass needle. **Caution:** The magnetic field is affected by metallic objects and direct current electricity, both of which cause a local attraction and tend to distort the accuracy.

Shadow Method: It is possible to establish a north-south line by the shadow method without any equipment except a piece of string and a stick. In the diagram below, points A, B, C, D, E and F mark the end of the shadow of a plumb stick at intervals of time (30 to 60 minutes) throughout the period from 9 a.m. to 3 p.m.. A smooth curve is sketch through the marks. With the stick as a center, and any appropriate radius, a circular arc is swung to obtain two intersections, x and y, with the shadow curve. A line from the stick through m, the mid point of xy, approximates the north-south line.



Star Method (Polaris): The visible star nearest the north pole is Polaris, a part of the constellation URSA Minor, also called the Little Dipper. Polaris can be located in the sky by first finding the Big Dipper, in URSA Major. The two stars of the dipper farthest from the handle are the Pointers, as shown in the diagram. Polaris is the nearest bright star along the line through the Pointers and is also distinguished by its position at the end of the handle of the Little Dipper.



Position at polaris.

Map Method: A local map of your area in combination with the compass method can be used to determine true north. Find a street in your area that runs in a north-south or any known direction and align your beam accordingly.

Of further interest; most maps are oriented on true north, some on magnetic north and some show both true and magnetic north. True north is generally indicated by an arrow with a full arrowhead. Magnetic north is indicated by a half an arrowhead.

It may be well for club members, especially those involved with the d/f effort to review their antenna orientation using one or a combination of these methods to assure beam heading information is as accurate as possible.

Hal N6AN

DX NEWS

4T4WCY-PERU

Lloyd and Iris are now in Peru and are operating on all bands with the special World Communications Year call sign. Next stop for them is Bolivia.

KT6V/AH9-WAKE ISLAND

This one is very active on SSB and CW. QSL to N6CW

AZ5ZA-SOUTH ORKNEY

This one is also very active on both modes and all bands.

XU1SS

Word is out that QSL card are now appearing in the mail. This one is good for DXCC. QSLs from the other XU stations are also reported in the mail.

Simplified 1040



Latest Revision for:

1040 Federal Income Tax Form

Department of the Internal Revenue Service

1983

07

name	Your Social Security Number

1. How much money did you make last year?.....▶

() ()	()

2. Send it In.....▶

() ()	()



NORTHERN CALIFORNIA DX CLUB INC., P.O. Box 608, Menlo Park, CA 94026

The DXer is the bulletin of the NCDXC and is published monthly for the benefit of the club members. Permission to use any portion of this publication is hereby granted, provided that credit is given The DXer.

NCDXC OFFICERS

PRESIDENT	CHUCK PATTERSON	K6RK
VICE PRES	LOU BEAUDET	K6TMB
SECRETARY	JOSEPHINE CLARKE	WB6ZUC
TREASURER	DICK LETRICH	WB6WKM
DIRECTOR	ERIC EDBERG	W6DU
DIRECTOR	STAN KAISEL	K6UD
DIRECTOR	JAY O'BRIEN	W6GO

DXer STAFF

LYLE MEEK	N6BLN
LEN GERALDI	K6ANP
RON PIPES	WB6NBR
JIM HICKS	KK6X
JIM HANLON	KM6N

Send DXer contributions to: **N6BLN**
1469 Lupine Dr. Santa Rosa, CA 95401
(707) 523-1066

DX LADDER

Send report to: Jim Hicks, KK6X
2260 Santa Fe Dr. Santa Rosa, CA 95405

NCDXC REPEATER: W6TI/R

TRUSTEE Bob Vallio W6RGG

REPEATER COMMITTEE

CHAIRMAN: Charlie Kump W6ZYC
Input Frequency: 147.96 MHz
Output Frequency: 147.36 MHz
Suggested Simplex 147.54 MHz

NCDXC THURSDAY NIGHT NET

On W6TI/R Thursday at 8:00 PM
NET CONTROL: Dave Barton AF6S
DX NEWS: Phil Garrahan W6LQC
PROPAGATION: Al Lotze W6RQ
WEST LINK: Jay O'Brien W6GO
CONTEST NEWS: Len Geraldini K6ANP
SWAP SHOP: Dick Letrich WB6WKM
QSL INFO: Jay O'Brien W6GO

NCDXC DX BULLETIN BROADCASTS

W6TI, the NCDXC Memorial Station broadcasts DX bulletins each Sunday at 1800 GMT or Monday at 0200 GMT on 14.002 MHz
W6TI Trustee Bob Vallio, W6RGG

NORTHERN CALIFORNIA DX CLUB INC
P. O. Box 608
Menlo Park, California 94026



FIRST CLASS
FIRST CLASS
FIRST CLASS

Lic. exp. Jul 85
K6MA Stan L Kuhl
1149 Heatherstone Way
Sunnyvale CA 94087