

# The Northern California DX Club, Inc.

## The DXer

JANUARY 1983

VOLUME XXXVII

NUMBER 1

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JANUARY MEETING

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DATE: FRIDAY, JANUARY 14, 1983

TIME: 6:30 PM - COCKTAILS                      7:30 PM - DINNER

PLACE: HARRY'S HOFBRAU, PALO ALTO -- TAKE EMBARCADERO EAST  
TURNOFF TO PALO ALTO GOLF COURSE/AIRPORT.

PROGRAM: JAY, FOØJO/W6GO AND JAN, FOØOJ/K6HHD WILL PRESENT THE  
STORY OF THEIR RECENT DXPEDITION TO FRENCH POLYNESIA  
INCLUDING THEIR AMATEUR RADIO OPERATIONS AT BORA BORA  
AND MOOREA. THE PRESENTATION WILL BE EMBELLISHED WITH  
COLOR SLIDES AND SOME INTERESTING TAPE RECORDINGS. DON'T  
MISS THIS ONE!

### SILENT KEY

IT IS WITH DEEP REGRET WE MARK THE PASSING OF HAL SHIMOTA, W6FQF.  
A GOOD DXER, LOYAL CLUB MEMBER WHO WAS ALWAYS READY TO VOLUNTEER  
A HELPING HAND, AND A TRUE FRIEND TO ALL. HE FACED HIS ILLNESS  
WITH A CHEERFUL OUTLOOK AND A DEGREE OF FORTITUDE WE ALL ADMIRE. 73.

-- W6DU

### EDITOR WANTED

IN LATE OCTOBER CAM PIERCE TOLD ME THAT HE WOULD COMPLETE THE  
NOVEMBER AND DECEMBER ISSUES OF THE DXER BUT THAT FOR REASONS OF  
HEALTH AND OTHER RESPONSIBILITIES HE REGRETFULLY REQUESTED TO BE  
RELIEVED OF HIS EDITORIAL DUTIES. SINCE THAT TIME I HAVE BEEN LOOK-  
ING FOR A REPLACEMENT WITH A SINGULAR LACK OF SUCCESS. SURELY IN  
A CLUB OF SOME 400 MEMBERS THERE MUST BE SOMEONE WHO HAS THE NECESS-  
ARY BACKGROUND AND THE INCLINATION.

THIS IS A MOST IMPORTANT FUNCTION AND PROVIDES A VERY NEEDED SENSE  
OF COHESIVENESS WITHIN THE CLUB. IT IS ESPECIALLY IMPORTANT IN KEEP-  
ING OUR MORE REMOTE MEMBERS UP TO DATE ON WHAT IS GOING ON.

CAM HAS GENEROUSLY OFFERED TO USHER THIS ISSUE INTO THE WORLD BUT  
IT IS ABSOLUTELY THE LAST. HE GOES INTO THE HOSPITAL FOR HIP SURGERY  
NEXT MONTH. HE HAS OUR THANKS FOR A JOB WELL DONE.

(CON'T P.2)

EDITOR WANTED

(CON'T)

I CAN ASSURE ANY POSSIBLE SUCCESSOR OF LOTS OF ASSISTANCE. THE MAILING AND DISTRIBUTION SYSTEM IS IN GOOD HANDS AND ADDS NO BURDEN TO THE EDITOR'S SHOULDERS. ARTICLES OR CONTENT HAVE NOT BEEN A PROBLEM. IN THE FEW MONTHS I HAVE BEEN CLOSE TO IT AND I BELIEVE THAT WILL CONTINUE. IF NOT, I SHALL BE GLAD TO GLAD TO CONTRIBUTE AND ALSO SOLICIT COPY.

IN THE ABSENCE OF A VOLUNTEER I CAN ONLY FORECAST THAT FUTURE MONTHLY MAILINGS MAY WELL BE LIMITED TO MEETING NOTICES. CONSIDERING THE FINE PUBLICATION THE DXER HAS BEEN, THIS IS SOMETHING I AM LOATH TO DO. PLEASE HELP ME FIND AN ALTERNATIVE.

-- W6DU

AN OPEN LETTER TO ALL DXERS

FROM ARCHIE WILLIS, W6LPJ, GENERAL MANAGER, 6TH DISTRICT DX QSL BUREAU.

YOU WORKED THE UJB SIX MONTHS AGO AND STILL HAVEN'T RECEIVED THAT ELUSIVE QSL? "AH," YOU SAY, "THAT QSL BUREAU HAS IT AND IS SITTING ON MY QSL! GEE WHIZ, WHY DO THEY HOLD MY QSLs WHEN ALL OF MY BUDDIES HAVE RECEIVED THEIR QSLs MONTHS AGO?"

EVERY DXER SHOULD REMEMBER THAT QSLs SENT THROUGH THE BUREAU SYSTEM SPONSORED BY ARRL WILL TAKE LONGER TO DELIVER THAN THOSE SENT DIRECTLY TO YOU. WHEN ARRL RECEIVES A SHIPMENT OF QSLs FROM OVERSEAS THEY ARE SENT OUT TO LOCAL GROUPS TO BE SORTED BY DISTRICT 1 THROUGH 0, A LOCAL (NEWINGTON, CT) GROUP OF DISABLED PERSONS, MOST OF WHOM ARE NON-AMATEURS, DO MOST OF THE SORTING FOR ARRL. AFTER THE DISTRICT SORTING THEY ARE PACKED AND SENT TO EACH OF THE BUREAUS. THE DISTRICT BUREAUS MUST SORT THEM ACCORDING TO THEIR METHOD OF DISTRIBUTION.

IN THE 6TH DISTRICT THE QSLs RECEIVED FROM ARRL AND DIRECTLY FROM OVERSEAS ARE SORTED INTO 26 SEGMENTS, A THROUGH Z, THE LETTER AFTER THE "6" BEING THE DESIGNATION. "FIRST SORTING" IS ACCOMPLISHED BY A ROTATING GROUP OF VOLUNTEERS IN THE SAN FERNANDO VALLEY. WHEN THE QSLs HAVE BEEN SORTED THEY ARE "PIGEONHOLED" AND AT LEAST ONCE EACH MONTH ARE PICKED UP OR PACKED AND SHIPPED TO THE SEGMENT MANAGER OF EACH SEGMENT. EACH LETTER OF THE ALPHABET HAS A SEGMENT MANAGER WHO PICKS HIS OWN ASSISTANTS AND FOLLOWING GUIDELINES SET UP BY ARRL AND THE 6TH DISTRICT BUREAU, GETS THE QSLs OUT TO THOSE DXERS WHO FOLLOW THE BUREAU RULES.

ALL MAIL IS PICKED UP DAILY AT THE SUN VALLEY POST BY THE GENERAL MANAGER OR HIS WIFE, SORTED, ENVELOPES MADE AND PROPER CREDIT GIVEN AND PLACED BY CALL SIGN SEGMENT IN THE APPROPRIATE PIGEONHOLE TO PICKED UP OR PACKED WITH THE SORTED QSLs.

WHEN THE SEGMENT MANAGER RECEIVES HIS ALLOTMENT OF QSLs, CORRESPONDENCE AND ENVELOPES HE/SHE THEN MUST SORT THE QSLs, ENVELOPES AND CORRESPONDENCE ACCORDING TO HIS/HER METHOD OF FILING. NOW THE REAL FUN BEGINS: THE SEGMENT MANAGER HAS A LARGE GROUP OF AMATEURS WHO FOLLOW THE RULES OF THE BUREAU AND ARRL AND WHO ARE A CONSTANT SOURCE OF SATISFACTION TO SERVE. THESE ARE THE HAMS WHO WILL RECEIVE MONTHLY, BI-MONTHLY OR QUARTERLY MAILINGS OF QSLs THE BUREAU SYSTEM HAS RECEIVED FROM ALL OVER THE WORLD. THESE DXERS WILL RECEIVE AN UPDATE ON THEIR CURRENT STATUS WITH THE BUREAU (REMEMBER THE TIME LAG, SOMETIMES THE LATEST MONEY/ENVELOPES/STAMPS HAVEN'T HAD TIME TO REACH THE SEGMENT MANAGER!)

(CON'T)

OPEN LETTER  
(CON'T)

THE HEARTBREAK FOR THE WORKERS IN THE QSL BUREAU SYSTEM IS THE VAST NUMBER OF QSLs RECEIVED THAT WILL NEVER BE DELIVERED TO THE HAM THEY ARE SENT TO. ARRL HAS ESTABLISHED A 90 DAY MINIMUM HOLDING LIMIT FOR THE QSLs SENT TO THE BUREAUS, THE 6TH DISTRICT BUREAU REQUESTS SEGMENT MANAGERS TO HOLD ALL CARDS FOR AT LEAST 6 MONTHS, BUT MANY SEGMENT MANAGERS JUST TAKE THE ONES THEY HAVE STORED FOR A YEAR OR MORE AND PUT THEM IN AN ATTIC, BASEMENT OR STOREROOM. THE SEGMENT MANAGERS MAY "DESTROY" THESE QSLs BY PLACING THEM IN BAGS FOR TRASH PICKUP OR BURNING THEM, THEY WILL NOT BE GIVEN TO ANYONE EXCEPT THE PERSON DESIGNATED ON THE FACE OR THE BACK OF THE QSL.

AMATEURS WHO DO NOT RECEIVE THE QSLs SENT TO THEM FROM OVERSEAS ARE THOSE WHO DO NOT FOLLOW THE RULES OF ARRL AND THEIR DISTRICT BUREAU. THESE ARE THE HAMS WHO DO NOT KEEP FUNDS OR ENVELOPES CURRENT, THEY CHANGE ADDRESSES, CHANGE OR ADD CALL SIGNS AND WILL IGNORE MESSAGES OR POSTCARDS FROM THE BUREAU WITHOUT A THOUGHT OF THE QSLs THEY ARE FORCING THE VOLUNTEERS IN THE BUREAU SYSTEM TO STORE OR DESTROY. IF IT WERE POSSIBLE TO RETURN ALL THE QSLs THAT HAVE NOT BEEN DELIVERED TO THOSE ADDRESSED, IT WOULD PROBABLY STOP MOST OF THE QSLING FROM DX STATIONS AROUND THE WORLD.

ONE COMMON MISTAKE MANY HAMS MAKE SHOULD BE MENTIONED: DO NOT SEND ANY U.S.A. TO U.S.A. QSLs THROUGH THE BUREAU SYSTEM. ALL U.S.A. TO DX COUNTRIES MAY BE SENT THROUGH THE ARRL OUTGOING BUREAU, BUT HAMS MUST FOLLOW ALL THE RULES SET UP FOR THIS SERVICE TOO.

A CURRENT LISTING OF THE INCOMING DX-QSL BUREAU FOR EACH DISTRICT IS PUBLISHED IN QST BI-MONTHLY. AN SASE TO YOUR BUREAU WILL BRING YOU THE REQUIREMENTS FOR THAT BUREAU. PLEASE READ THESE CAREFULLY AND FOLLOW THE RULES AND WE WILL GET THAT ELUSIVE QSL TO YOU IF YOU DO YOUR PART.

NEW MEMBERS

<u>K4UVT</u> Bob	(E)	D.E.DORSEY, JR. P.O.Box 1 Los ALTOS CA 94022	408)744-5000
<u>WA6BSS</u> BILL	(A)	BEVERLY L. BOOTS P.O.Box 1432 WOODLAND, CA 95695	916)662-9683
<u>KD6EM</u> Tom	(A)	TOM MITCHELL 625 MALARIN AVE. SANTA CLARA, CA 95050	408)241-6298 408)554-5015
<u>WA6JDB</u> JAY	(E)	JAY YAKE 521 HEATHERWOOD DR. MADERA, CA 93637	209)674-0887 209)673-9181

## HISTORY

IN SEARCHING THROUGH SOME OLD MAGAZINES, W6JRY CAME ACROSS THE FOLLOWING ARTICLE BY HORACE GREER DESCRIBING HIS STATION, 6TI. IT CAME FROM THE APRIL 1924 ISSUE OF RADIO.

"EVERY TOWN HAS SOME ONE AMATEUR STATION THAT, BECAUSE OF ITS POWER AND CONSISTENT LONG DISTANCE WORK, BECOMES UNCONSCIOUSLY ASSOCIATED WITH IT IN THE MINDS OF US AMATEURS.

MENTION CHICAGO TO A RADIO AMATEUR AND HE IMMEDIATELY THINKS OF 9ZN. WITH MINNEAPOLIS IT IS 9ZT; LOS ANGELES, 6KA; WITH SAN FRANCISCO, 6AWT; WITH BERKELEY 6ARB. MENTION OAKLAND, CALIF., AND IT IS 6TI.

THE PRESENT TRANSMITTER WAS INSTALLED IN OCTOBER, 1922. IT CONSISTS OF 50 WATTS A.C.C.W., AND I AM PROUD TO SAY THAT I AM STILL USING THE SAME TUBE. MY DX WOULD TAKE TOO MANY PAGES TO WRITE AS I HAVE BEEN HEARD FROM THE MOST SOUTHERN PART OF THE WORLD TO THE MOST NORTHERN, AND ALMOST EVERY PLACE IN BETWEEN.

ON THE FIRST NIGHT OF OPERATION I WAS REPORTED BY THE OPERATOR ON THE KEDV WHILE 1350 MILES E.N.E. OF NEW YORK WITH 2.5 AMPS. IN THE AERIAL. AT THIS PRESENT WRITING I HAVE BEEN HEARD IN 43 STATES, ALL DISTRICTS, 4 CANADIAN, EVERY DISTRICT WORKED EXCEPT THE SECOND. 1BNL IN SACO, MAINE, WAS WORKED SOME TIME AGO. WAS ONE OF THE FIRST AMERICAN AMATEURS TO BE REPORTED IN NEW ZEALAND JANUARY, 1922, AND WAS REPORTED VERY OFTEN DURING THE MAY TRANS-PACIFIC TESTS. HAVE BEEN HEARD MANY TIMES OFF THE COASTS OF JAPAN, CHINA, ALASKA, NEW ZEALAND, AND AUSTRALIA, AS WELL AS BEING HEARD IN PANAMA, MEXICO, SAMOA ISLANDS, CANAL ZONE, ALASKA, NEW ZEALAND AND HAWAII AT 4 PM BY 6ZY DAYLITE ALL THE WAY. 8ZD REPORTS ME HEARD QSA AT 5:20 PM E.S.T. 3:20 PM P.S.T. DAYLIGHT ALL THE WAY IN PENNSYLVANIA. ONE CAN SAFELY SAY THAT THERE IS NO OTHER 50 WATTER IN THE UNITED STATES FOR A.C.C.W. THAT CAN COME UP TO 6TI'S RECORDS.

ON MY 50 WATTS I PUT ABOUT 1000 VOLTS A.C. ON PLATE, 10 VOLTS A.C. ON FILAMENT, AND DRAWS 110 MILAMPS. NORMAL ANTENNA CURRENT IS ABOUT 4 AMPERES. POWER IS SUPPLIED BY HOME-MADE TRANSFORMERS.

THE AERIAL IS A 85-FOOT CAGE ALMOST VERTICAL. THE CAGE IS 56 FEET LONG, 1.5 -FOOT HOOPS WITH TAPERING CAGE LEAD IN 1.5 FEET TO 8 INCHES. THERE IS ABOUT 35 FEET FROM ONE POLE TO MY RADIO SHACK WHERE ANOTHER 25-FOOT POLE STANDS. THE COUNTERPOISE CONSISTS OF 7 WIRE FAN 8 FEET HIGH 60 FEET LONG.

THE RECEIVER WAS A GREBE CR9, TILL JUST LATELY A SPECIAL BASKET WEAVE SET AND ONE STEP WAS PUT INTO OPERATION AND EVERY DISTRICT HAS BEEN COPIED IN LESS THAN ONE HOUR.

WOULD APPRECIATE CARDS FROM ALL THOSE HEARING ME, ALL CARDS ANSWERED. THIS IS AN A.R.R.L. STATION. ADDRESS ALL CORRESPONDENCE TO 414 FAIRMOUNT AVE., OAKLAND, CALIF."

# YASME Foundation

P.O. Box 2025 Castro Valley, California 94546

Djibouti, E. Africa  
9 December 1982

Dear Friends,

The YASME DXpedition of G5ACI/AA to Abu Ail is now history.

Everything went pretty much as planned. There were four operators: Lloyd Colvin, W6KG, Iris Colvin, W6QL, Christian Dumont, F0ECV, and Jean Michel Gabouriaud, F6GBQ. We had 3 transceivers; one amplifier. 2 generators, 1 tri-band beam, verticals and doublets, plus all of our food, beds, gasoline, etc. We had very rough seas on the trip from Djibouti to Abu Ail, but the return trip was smooth. The loading, landing, and unloading of our small dingy from the main ship, the "Fahneus", was difficult and dangerous, but was made successfully

Carrying all of our equipment almost straight up a very steep and high mountain to the lighthouse at the top was a difficult and tiring job: We first got on the air four hours after landing and operated continuously, using two stations simultaneously, for 41 hours. We made 4000 QSOs with hams in 104 different countries, and operated on 5 bands, including the new 10 MHz band.

We gave a lot of hams their first contact with Abu Ail. It was not, however, the kind of operation to be done every weekend. We all came back very tired and worn-out, but also very happy.

Abu Ail is an international island in the Red Sea. It is listed as a separate country on the ARRL countries list. On a clear day, Ethiopia can be seen to the west and North Yemen to the east.

We hope that everyone who needed us for a new country made it.

*Lloyd* 33/88,  
*Iris*

Lloyd, W6KG

Iris, W6QL

Christian, F0ECV

Jean Michel, F6GBQ

PS: All QSLs should go to YASME with self-addressed envelope and IRCs.

## ROSTER CHANGES

KT7W WAS KB7SC

ANDREW ISAR  
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OH2BH

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## SILENT KEY

ON DECEMBER 19, 1982 FREDERICK EMMONS TERMAN, VICE PRESIDENT AND PROVOST EMERITUS OF STANFORD UNIVERSITY, EX 6FT AND 6AE, BECAME A SILENT KEY AT THE AGE OF 82. HE WAS WIDELY KNOWN FOR HIS RADIO ENGINEERING TEXTBOOKS THAT WERE MARVELS OF CLARITY AND SIMPLICITY.

RELATIVELY FEW MAY BE AWARE THAT HE WAS ACTIVE, AND A PIONEER, IN HAM RADIO DURING HIS STUDENT DAYS BEFORE AND AFTER WORLD WAR I. TERMAN'S WAS THE FIFTH LICENSE ISSUED IN THE SIXTH CALL AREA WHEN FORMAL LICENSING BEGAN. HE COLLABORATED WITH HERBERT HOOVER, JR. AND JOHN C. FRANKLIN IN OPERATING 6XH AROUND 1921. A FRESHMAN AT STANFORD IN THE SPRING OF 1917, HE RECALLED HAVING BEEN IN REGULAR CONTACT WITH STATIONS UP AND DOWN THE WEST COAST AND AS FAR AWAY AS DENVER. HIS TRANSMITTER, OF COURSE, WAS SPARK, RADIATING FROM A 100-FOOT-HIGH TOWER BEHIND HIS PARENTS' HOME ON THE STANFORD CAMPUS. IN THOSE DAYS, AMATEUR WAVELENGTHS WERE SUPPOSED TO BE SHORTER THAN 200 METERS, BUT IN ACTUALITY, HE SAID, THEIR FREQUENCY WAS "INVERSELY PROPORTIONAL TO THE DISTANCE FROM THE RADIO INSPECTOR."

TERMAN WAS UNQUESTIONABLY RESPONSIBLE FOR THE PRODUCTIVE RELATIONSHIP BETWEEN STANFORD UNIVERSITY AND INDUSTRY IN THE IMMEDIATE AREA THAT LED TO THE "SILICON VALLEY" PHENOMENON. FOR EXAMPLE, HE ENCOURAGED HEWLETT AND PACKARD TO FOUND THE COMPANY WHICH BEARS THEIR NAMES. TERMAN RECEIVED THE METAL FOR MERIT, THE HIGHEST CIVILIAN AWARD OF THE UNITED STATES.

-- TNX TO W6QYT

### Portrait of the 80 meter DXer

There are two types of 80 meter DXers. One, the dedicated low band type who continually aspires to increase his 80 meter DXCC and two, the type who tolerate 80 only to achieve 5 Band DXCC. Both types react to 80 meter DX in a similar manner.

Working 80 meter DX, notwithstanding the skills and knowledge of antennas, equipment and the gray line, is somewhat a contradiction of human behavior. We generally are either night persons or day persons, but never both. To work 80 meter DX you have to be both. You stay up late for the DX sunrise and get up early for the DX sunset. This results in a phenomenon called "loss of sleep". To the avid 80 meter DXer sleep is merely the absence of wakefulness. Whenever the conditions responsible for maintaining wakefulness, such as DX, are abolished, only then is one asleep. The mechanism generally conceived by the 80 meter DXer as necessary to sustain wakefulness is intense and varied stimulus in the form of QRN incrustated weak signals from all parts of the world.

The 80 meter DXer, when not working DX, develops certain traits and characteristics which are easily recognizable:

1. He is the last to leave a party or a social event - What better time to listen for DX than at 2 or 3 o'clock in the morning.
2. He is known to drink large quantities of water before going to bed - Getting up at 3 a.m. has its advantages - The band might be jumping.
3. If he is lucky he may have prostate trouble. This is better than 2. above. He can check the band at 2, 4, and 6 a.m.
4. He suffers from a mild case of narcolepsy. He falls asleep at work meetings and conferences.
5. During the day he is generally irritable and out of sorts. This is readily curable at night or early morning by DX auditory stimulation.

From the foregoing, it may be concluded that successful working of 80 meter DX is not a case of mind over matter but rather a case of mind over mattress.

MINUTES OF NCDXC MEETING

DECEMBER 10, 1982

THE DECEMBER MEETING OF THE NCDXC WAS HELD AT THE SUN HUNG HEUNG RESTAURANT IN SAN FRANCISCO. COCKTAILS ACCOMPANIED BY FRIED WON TON AND CHINESE PORK WAS FOLLOVED BY A 10 COURSE DINNER. AT 9:05 THE PRESIDENT CALLED THE MEETING TO ORDER. TWO NEW DIRECTORS WERE ELECTED BY ACCLAMATION: K6UD AND W6GO. ERIC THANKED THE TWO RETIRING DIRECTORS, W6QHS AND W6TPH FOR THEIR WORK OF THE LAST YEAR.

A FIRST READING WAS GIVEN FOR W6WU, KEN SULGER. SECOND READINGS FOR K4UVT, WA6BSS, KD6EM AND WA6JDB RESULTED IN UNANIMOUS ACCEPTANCE AS MEMBERS OF THE CLUB AND WE HOPE THEY ENJOY THEIR MEMBERSHIP.

STEVE, N6ST, ANNOUNCED LAST SUMMER'S MARATHON WINNERS AS FOLLOWS:

	<u>MIXED</u>		<u>PHONE</u>		<u>CW</u>	
1ST	K6RK	184	KB6JK	120	WB6ZUC	162
2ND	WA6HAT	150	K6HNZ	101	N6EA	161
3RD	W6DU	146			KR60	144

PARTICIPATION CERTIFICATES WERE AWARDED AS FOLLOWS:

K6TMB	105	K6FO	132	W6GO	110
		KB6G	125	N6DJM	104
		W6BIP	113	K6KCM	103
		WB6FDQ	112	WA6DJI	101

THE TREAT FOR THE EVENING, SANTA CLAUS, IN THE GUISE OF HOWARD HALE, W6SC, HANDED OUT GIFTS TO ALL, ABLY ASSISTED BY JEAN HALE. LOU BEAUDET, K6TMB, PRESENTED A VERY FINE SLIDE SHOW OF HIS TRIP TO OHØ, ALAND ISLAND WITH VIEWS OF THE ISLAND AND MANY SHOTS OF VARIOUS HAMS HE MET ALONG THE WAY, PLUS FINE SLIDES OF THE SIDE TRIP HE TOOK TO LENINGRAD, THE VENICE OF THE NORTH.

THE MEETING WAS ADJOURNED AT 10:25 PM.

RESPECTFULLY SUBMITTED,

JOSEPHINE CLARKE, SECTY.

CONTEST CALANDER

JANUARY 15: WORLD COMMUNICATION YEAR ACTIVITY CONTEST (RULES- DEC. DXER)

JANUARY 28 - 29: CQ WW 160 METER CW CONTEST

FEBRUARY 19 - 20: ARRL DX CONTEST - CW

FEBRUARY 26 - 27: CQ WW 160 METER SSB CONTEST

MARCH 5 - 6: ARRL DX CONTEST - SSB

NARCH 26 - 27: CQ WW WPX SSB CONTEST



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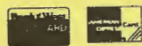
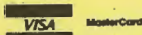
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**NORTHERN CALIFORNIA DX CLUB INC., P.O. Box 608, Menlo Park, CA 94025**

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.

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Input Frequency:		147.96 MHz
Output Frequency:		147.36 MHz
Suggested Simplex:		147.54 MHz

**NCDXC THURSDAY NIGHT NET**

On W6TI/R Thursdays at 8:00 P.M.

NET CONTROL:	Dave Barton	AF6S
DX NEWS:	Phil Garrahan	W6LQC
WEST LINK:	Jay O'Brien	W6GO
CONTEST NEWS:	STEVE THOMAS	N6ST
SWAP SHOP:	Dick Letrich	WB6WKM
QSL INFORMATION:	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

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