

NCDXC

NORTHERN CALIFORNIA DX CLUB

THE DXer



THE DX'ER
THE NORTHERN CALIFORNIA DX CLUB, INC.
P.O. BOX 608, MENLO PARK, CA 94025

The meeting was held at Sabella's in Marin County on Friday February 7th 1975.

Published Monthly for the Benefit
and interest of its members

Guests were introduced by their host members.

FOUNDED 1946

The Secretary read the minutes of the January meeting.

- OFFICERS -

President	Jack Troster	W6ISQ
Vice Pres.	Ken Anderson	K6CQF
Secretary	E. Howard Hale	W6SC
Treasurer	John Brand	K6RXZ
Directors	Bob Thompson	K6SSJ
	Robt. Smithwick	W6JZU
	Don Schliesser	W6MAV

Two new members were voted into membership following the second reading of their applications. They were George S. Varvitsiotes, WB6DSV, and Klaus Heintzenberg, DJ6RX/W6. A first reading of the application of William K. Ault, WB6BKN, of Moraga, was made to the members.

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Following dinner, Pres. Troster introduced Carter B. Smith, K6CWM, a well known Bay Area radio personality whose afternoon program on KNBR is heard by thousands. Carter gave a short history of his career in broadcasting and a resume' of his amateur radio activities. He emphasized methods to use to reach media news directors and radio/TV program directors with amateur radio publicity. He answered many questions regarding his 20 years in Radio including his 10 years with Don Sherwood on KSFO.

CLUB REPEATER WR6ACZ

Input Freq. 147.96 MHz
Output Freq. 147.36 MHz
Suggested Simplex Fr. 147.54 MHz

After the program, Pres. Troster announced the appointments of Ken, W6TWT, of Vallejo and Jim, W6UZX, of Livermore, as area advisors to the board of directors as provided for in the By-Laws.

The NCDXC NET meets on the repeater at 8:00 P.M. on Thursdays to pass DX and other information of interest to its members. W6TTS is Net Control Station.

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W6TI BULLETINS are sent Sundays at 1800 GMT or on Monday at 0200 GMT on a frequency of 14.002 MHz. The W6TI Trustee is Bob Vallio, W6RGG.

Phil, K6ZM, reporting on the California Award said that he has issued award number 249. JA's lead with DL second in the number of recipients.

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Please send all contributions to the DX'ER so that they will be received no later than the 1st of the Month.

Gary, W6NJU, reported on a number of activities and proposals of the ARRL DX Advisory Committee of which he is a member.

Bob Thompson - K6SSJ
14703 Eastview Drive
Los Gatos, CA 95030

Don, W6MAV, Fresno DX Convention Chairman reported the price of the convention is \$19. Pre-registration closes April 10th and the pre-reg

Dear Charlie,

Funny how we never seem to be able to get away from ham radio, no matter how long we put it aside. About a week or so ago while rummaging through one of the closets I ran across my old 20 meter Swan Monobander. It immediately brought back memories of the days when we started out together in ham radio. You've stayed with the hobby all these years and probably worked up a fine list of rare DX Countries by now. Two or three years ago I got busy with other things and set everything aside, but after seeing the ole Swan I think I might just get back on the air again. Well, Charlie, after dusting it off, I dug a piece of wire out of the junk box and jury rigged an antenna across the kitchen from Mabel's old Westinghouse Fridge to the screen on the back porch.....Bless my sole, that Turkey works as good as it did the day I won it at the Pheonix Hamfest, the year you and I got blasted with old Gerhardt Gutrocks, the kid with the high power jugs across town.....boy we had quite a time! I'll never forget how old loudmouth Gerhardt got his tounge stuck on the tab in the beer can from trying to suck out the very last drop! I thought the Doc would split a gut laughing when we took him to get it cut off. Old "Ger" really looked funny walking around with that can stuck in his face....Any-way the receiver of the Swan works pretty good and I'm spending a couple of days listening around the band. Probably have to put out a couple of bux and stick a new bottle in the final of the Swan so's I can get on and talk to you fellas. Suppose that means getting a pair of "Shoes" for the Swan and puttin up a beam if I'm going to compete with you Turkey's.

Well, Charlie, I can see that things ain't the way they was back when we was younger.....I cranked that old Swan up on the low end of the band and there's this "NUT" taking a list for some joker in "Lower Slobovia".. ...I never heard such a ruckus in all my years of goofing around in ham radio. This guy was the "MC"....and there was a real "Pile-up" trying to get on this guy's list. I thought a couple of these bums was going to committ mayhem right there on the band.....you could hear damn near every district calling to get "Listed". Meantime here's this "cat" from "Lower Slobovia" about 20 kcs up the band rag chewing with another slob. Seventeen minutes later this here MC Type finally manages to get the mob calmed down enough to start the show....next he passes along the first 6 calls to the "Lower Slobovia Cat" who is now back on frequency and who then stands by for "numero uno" and it's bedlam.....wouldn't you know it... five other bums come back with numero uno.....anyway twenty minutes later this DX type manages to wade thru these first six and he's on to the next half-dozen poor slobs...and this is how it goes.

This whole week I'm tuning around the band and it's one LIST deal after another, you guys sure have it easy these days. One of these MC types is real serious though (apparently on some kind of an EGO trip..... really flipped out) and trying to be the first MC who handles 100 DX List operations. He's finishing up on 77 and looking for number 78. Only 22 more to go! Now ain't that sumpthin! I never heard of an award for this but some turkey is sure to figure out some dad-blasted way to get this here guy a certificate. I've been thinking, Charlie, they ought to give out a DXCC LIST CERTIFICATE....maybe the same guy could work up both awards. Think ole Bob White would go for that one???.Maybe someone could suggest it to the DXAC Gang.

Tuesday I buzzed on down to the local Ham Radio Emporium and picked up a new final bottle for the Swan, plugged er in and the dag-nabbed thing worked right off the first time. So I decided to give her a try with the junk box antenna I rigged in the kitchen. I tunes her up and

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fried three spiders on the porch screen and singed the cat's tail but the SWR came right on down after that and I'm ready to go! First thing I do is to call this "high power list type cat" and he puts me on his list for a XYØ operation. (I don't even know where this yahoo is but I'm on the list to work him, when he shows.) Well, about three hours later they stand by for me and sure enuf the XYØ hears me and with the MC's help I manage a 3 by 4 out of the DX. Somehow, Charlie, it just don't seem like it used to be! The MC also handles the QSL's for this cat and 9 others so it's a cinch to get if cmf'd.....All this time I'm waiting to be call^d ed I'm sucking on a cool six pack of 807's so it can't be all bad.....

What luck!.....Mable just got a call from her sister across town, Charlie, and plans to spend the night so that's why I got some more wire from the junk box and brought the Swan on into the den where it's cozy and comfortable here by the open fire. I'm half listening to the radio, and slowly sipping a nice, very dry double Martini. I only wish you were here, instead of out there on the coast, but since you're not the least I can do is to toast your health and happiness, so time out old pal- - - while I bend my elbow to you. Nuts! Just as I thought I was getting all settled down there's a knock at the door....sooo I'll see who that is and be back to finish this later.....

Well, Chas baby, it's only four short hours now since I left the mill to check the door. Guess who dropped by to chew the fat with me??? No use stringing you along.....it was our old pal Gerhardt Gutrocks, who heard me on the list the other day and decided to renew our acquaintance.. ..boy! what a guy.....he just got his extra class recently and has been sharking the bands in the extra parts picking up some of the ones he couldn't get before.....we had a couple of drinks together and reminisced about old times.... Remember that field day trip back in the fifties..... that was the time you put the dead skunk in my sleeping bag....hi hi..... boy how we laughed about that didn't we..... While he was here I showed Gerhardt my silly set-up with the Swan and we tuned across the band.... I couldn't believe my ears, Charley OB.....Ger picked you out first....there you were in the low end.....stronger than the field day skunk and running the darndest list operation I've heard all week.....sorry we couldn't break guess we need a good beam or a lot of power like you're running! Ole "Ger" and I had a big laugh listening to you handle that mob but he's gone now and I can settle back down to finishing this letter.....

I just took time out to mix another Martini, and while I was out in the kitchen I thought of all the time I would waste this evening if I wnet out to mix another drink every once in awhile, so I just made up a big pitcher of Martinis and brought it back inw ith me so I'd have it right here besideme and wouldn't hav to waste time making more of them. So now I'm all set and here goes.

When he was hir ol Gerhar and me was talkn bout them ther lsit operations and he kame upp wid a helluva deel.....member those ther chane letttrs few yrs aggo??? Ol GER tinks we cud start a reel swelll List diel by maleing out chane letttrs to git on yur list.....boy a gy culd realee cum upp wiith amile loongg gang ov fallers lukking fer them rar cuntries.....Parn me pard whil i tak nuthur siip on my mortoony.... surr's guud stufff thos timarnis...wha teh hek!!.....i sure wsich you weer here ol pal to hulpme drink these maotionis becuz theyre simply deliuccius...wait nuthur minit.....darn dooor agan.....

Bak again, Charlie sweetie! that waz the AVON lady tihs time. Darn

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innerupssions!!! Hey, ol pal tha reminded me of teh ole Holiday Mgaic Club.....member that??.....Howw bout a LsST PyRamid CLUB..... you find a cupl ov gys to be on yur pyrmid and evry gy on the list cut hve five of his own....mybee we culd evn git the Dx gudes to get 5 ecah dXers & ve culd wrk alll kinsd of neue countries.....

Dam picher is impty so i just wentout an ma de anotherone and i lif my flass to you good helahth oncemor becaz you ar bal i go toff cours why a pal wood do a dirty ting lick puting a skink in nother pals sleping bagi' m damb if i kno. That was a lousi think for anybodydy todo an only a first clas hele woul d i it. Wasna adm bit funny. Still stinks. Ad if you thinkit(s funey your a dritty lous are ad fare as i (concerened you ocn go plum to hell and stya ther you dirty lous. To hel with ouy,. you Tirkey.

Insinsoerly ouyrs,

P.s. Lstin you LID!)turkey. tink i'll star a martini chian lttr..... LIst... B sur an sen mi 5 maritins or yull realee be onn my list..gooby!

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SOME ARRL SWEEPSTAKES SCORES CLAIMED

CW SINGLE	
Op.	
W6RR/W6RTT	172,350 Points
W7RM/K7VPF	168,150 "
W6MAR	163,800 "
K7NHV	161,550 "
WA7NIN/W6OAT	160,800 "
K4PUZ	156,074 "
W9YT/K9ZSE	154,800 "
W6HX	154,500 "
W6NUT	153,750 "
K4GSU	153,446 "
W3LPL	152,884 "
K6CQF/W6PAA	152,850 "

MULTI CW

W6BIP	104,700 "
W6OKK	102,960 "

MULTI-PHONE

W6BIP	122,248 "
W6DOD	111,836 "

SINGLE OP PHONE

W6HX	256,800 Points
WA0CVS	249,300 "
W6RR	237,244 "
WB2OEU	226,200 "
WA7NIN	219,000 "
K7NHV	218,700 "

SCORES - Continued (Single PH)

WB5DTX	218,250 Points
W5MYA	216,000 "
WA5JMK	215,700 "
K6EBB	198,750 "
W6OKK/WB6DSV	174,300 "

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LITTLE KNOWN FACTS: Did you know that one of our NCDXC Members was the FIRST in the Nation to break 100,000 Points in a SWEEPSTAKES CONTEST. We're not certain of the year but it was approximately 1962.

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NCDXC "BIG GUN" SCORES HIT

The San Jose Mercury recently carried a feature that "Mountain View Big Hit in Japanese Sister City". Roy Ozawa, W6FOJ, made a DX contact with Iwata, Japan, Mt. View's Sister City and managed to stimulate so much interest in the affiliation of the two Cities that the spin off produced some good PR for Amateur Radio. A great Photo of Roy and his station appeared along with the story. An article was also written in the Japanese press. We really should hang the press photo up at the next club meeting so all those can see what Roy is really like.

GUTROCKS PUBLICATIONS ANNOUNCES

DX LIST OF THE MONTH CLUB

JOIN NOW AND BECOME A CHARTER MEMBER IN THIS NEW ORGANIZATION! Send \$5.95 Initiation Fee Plus Postage or 3 IRC. There is no obligation if you are not completely satisfied. Simply return the LIST & your money will be cheerfully refunded.

WE GUARANTEE A MINIMUM OF 25 NEW LISTS PER MONTH!

Be the First in your Club to Subscribe to this New Service and astound your Fellow DX'ers with the number of new countries you can achieve in the shortest possible time.

SPECIAL RATES FOR NOVICES! Write for special discounts.

RARE DX COUNTRY OPERATORS MAY QUALIFY FOR AS MUCH AS HALF-OFF!

Send in a list and let us list them on our LIST OF THE MONTH BULLETIN! Those with 25 or more current lists may be qualified for a ONE MONTH FREE SUBSCRIPTION.

Anyone with a valid CLIPPERTON ISL. LIST may have already qualified for an entire One Year Free Subscription!

NOTE: JA & W/K LISTS ARE NOT BEING SOLICITED AT THIS TIME.

Remember if you are selected to be on a LIST you can get thru with as little as 10 watts! OUR SUBSCRIPTION and a QRP RIG is all you need. Try it FREE for one month and if not completely satisfied simply return the LIST and wait for your money to be refunded (less postage).

JOIN OUR LIST OF THE MONTH CLUB AND YOU MAY QUALIFY FOR OUR DXCC QSL SERVICE for only a few cents more per month.

TO SUBSCRIBE merely send us your BANKAMERICARD, MASTER CHARGE, DINERS CLUB, AMERICAN EXPRESS, CARTE BLANCHE or STANDARD OIL, credit card number (or \$5.95 Check or M.O.), along with 3 IRC's (for Postage & Handling) and you will Qualify to Become an Honored CHARTER MEMBER. Remember this offer may not be repeated and is subject to cancellation at any time, so be sure to send in your money or credit card number today.

ATTN: Rigs are not necessary to get on a list. Contact us for information on our confidential surrogate station & phone patch service.

SPECIAL INTRODUCTORY OFFER: Send \$1.00 more for a set of LOM Cuff Links or an LOM Tie Tack. Please specify!

SEND FOR YOUR SUBSCRIPTION TO: GUTROCKS PUBLICATIONS
Stoneyford Acres, ME 11011

Minutes (cont.)

prize is an FT-101-B. Main banquet speaker will be Fred Laun, LU5HFI. Banquet main prize to be an Atlas 180 Transceiver. Don also reported on the breakfast plans and a beer-bust for Fresno.

The meeting was adjourned.

Respectfully submitted
E. Howard Hale, W6SC
Secretary

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MINUTES OF THE BOARD OF DIRECTORS JANUARY 1975

The Board meeting was held at Manzella's Loft Restaurant adjacent to the airport at Hayward on Thursday evening, January 9, 1975. The meeting was called to order by President Troster with all members present at 7:25 PM.

Plans formulated to date for the Fresno DX convention were reported by W6ISQ as per his talks with convention chairman Don, W6MAV.

W6ISQ reported that ARRL will soon be giving special boost to Sister Cities programs.

Secretary, W6SC, reported that several dollars a month appeared to be wasted by sending monthly meeting notices to Associate and Honorary members. After some discussion a motion was made by W6RGG that only full members be sent monthly meeting notices. It was seconded by K6SSJ. Passed Unanimously.

W6ISQ and W6JZU reported for the Repeater Committee. This committee consists of the following members: W6ZYC, Chairman; W6JZU, K6DC, WB600L and WA6CVU. New housing facilities for the College FM station together with our repeater are in the planning stages it was reported. The committee desires to remain at pre-

sent location and work with the College people in the new building program. The feasibility of obtaining a gasoline or deisel generator, capable of keeping both KFJC-FM and WR6ACZ on the air during power outages, is being investigated. The action, taken earlier, with respect to obtaining a more modern and updated repeater system as discussed with Intech Corp., was tabled for present. The secretary was instructed to send a copy of the Nov. 6, 74, Board Resolution re the Repeater Committee to the new committee chairman, W6ZYC. Club members will be asked to contribute any extra 2 mtr. gear to the committee to be worked up into a "loaner rig" for new members use when their own systems are out of service for short periods. W6JZU moved that up to \$50. be allocated to purchasing any items needed to help in making up the loaner type rig. Seconded by K6SSJ. Passed with vote of 5 to 1. A short discussion of the feasibility of using windpower for the repeater was held but deemed not feasible at this time.

The treasurer reported that the following were over 6 months in arrears in dues and the Board approved that they be dropped from the membership rolls as per the By-Laws: WB6BGQ-W6CNA-W6EJ-WA6EWI-WA6IUM-and K6QPE.

The new FCC docket 20282 was briefly discussed. W6ISQ will discuss with K6BR the possibility of conducting a club opinion survey via questionnaire.

A number of ideas for improving the club and its services to members was the next order of discussion. Such things as seeking younger members. A speakers bureau. A special DX brochure explaining the thrills and techniques of DX to the uninitiated. Special meetings in areas such as Sacramento and Fresno to be attended by those from the Bay-area that wish to attend but specifically set up for the outlying - area members. Stickers on membership certificates for

BOARD MINUTES (cont.)

special achievements. Club insignia cloth patches for use on coats, sweaters, blazers, etc.

Pres. Troster will investigate the cost of obtaining special issues of Dial-a-Prop for release to members just prior to the CQ and ARRL DX contests.

The DX'er of the Year Award was next up for discussion. Pres. Troster does not want to serve on the selection committee of the last 3 recipients and wishes to appoint somebody else in his place. W6RGG insisted that award rules as originally designed and used requires that the selection committee be made up of the last 3 recipients. K6SSJ said that he will reprint the original rules in the next issue of the DX'er.

The Board voted their appreciation to outgoing director, Bob Vallio, W6RGG for his dedication and good service as a member of the Board of Directors for the past several years.

The meeting was adjourned.

Respectfully submitted,
E. Howard Hale, Sec.

I am indebted to Frank Anzalone, W1WY, for sending me an advance copy of the CQ Contest Column, which he edits for CQ Magazine. Because I am late in getting out the DX'ER some of this information may be already known to some of you, however, there is some information which is of interest to our members and it follows here.

Easter Week WAS Contest

From 0001 March 29 to 2359 April 6. (GMT) The Radio Society of Greater Brooklyn organized this one. The object being to work all states during the contest period. You can use all bands and modes. Exchange: Signal report, state and name. Scoring

Only the number of states you work count as your score. AWARDS: Station working WAS in the shortest time is the overall winner. Those making WAS during the contest period will also receive certificates. Special recognition will be given if it is accomplished on a single band, RTTY, SSTV, QRP and etc. Send your log indicating states worked, equipment used and etc. to: Frank Grossman, WB2BXO, 9519 Avenue M, Brooklyn, N.Y. 11236.

Polish C.W. DX Contest

Starts: 1500 GMT Saturday, Apr. 5
Ends: 2400 GMT Sunday, Apr. 6

There are a number of rules & regs. in this contest and space does not permit publishing them all here. See March CQ (not out yet)

Swiss H-22 Contest

Starts: 1500 GMT Sat. Apr. 12
Ends: 1700 GMT Sun. Apr/ 13

Many of the rare Cantons are activated for this contest offering an excellent opportunity for the attractive H-22 certificate. See March CQ.

County Hunters SSB Contest

Starts: 0001 GMT Sat. Apr. 12
Ends: 2400 GMT Sun. Apr. 13

This is the 4th annual contest sponsored by the Mobile Amateur Radio Awards Club to increase activity for the County Awards program. Agn. see March CQ if interested in this one.

Bermuda Contest

Phone: Apr. 19-20 CW: May 3-4
Starts: 0001 GMT Saturday
Ends: 0200 GMT Sunday

This is one of the most exciting of the upcoming contests. Unfortunately the Phone section comes on the same weekend as the Fresno DX Convention. Winners receive free Trans. and Accodations to Bermuda to receive Award. See March CQ for rules & regs.

DX CLUBS:

The DX Advisory Committee has set up a special sub-committee to study Rule 9 of the DXCC Rules. It is expected that a recommendation can be made to the ARRL Board in May. In order to guide my representation I request input from your Club as soon as possible. I would also request your members individually let me know how they feel.

Rule 9 currently states: "All stations must be contacted from the same call area, where such areas exist, or from the same country in cases where there are no call areas. One exception is allowed to this rule: where a station is moved from one call area to another, or from one country to another, all contacts must be made from within a radius of 150 miles of the initial location."

Those that have moved feel a great injustice in that due to the bigness of certain call areas this rule does not equally apply to all.

Alternatives suggested are:

1. Change the 150 mile limit to 1,000 or 1,500 miles.
2. Delete mileage and limit moves only to the same country.
3. Delete mileage and country limits and allow moves anywhere within a continental boundry (IARU standards).

Number 3 would thus allow W's to move anywhere within North America and keep DXCC credits.

Number 2 might be a bit unfair due to the various sizes of countries, especially in Europe.

Please let me know which alternative your Club supports as soon as possible.

73, Gary, W6NJU

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The Oakland Radio Club will be holding its annual White Elephant sale on April 4 this year.

In addition to the sale of equipment, there will also be a raffle, in which we will have gift certificates from M-Tron, and other gifts.

Don't miss it. The meeting starts at 8 p.m. on the night of the fourth. We will keep the meeting short, so that we can get right into the Sale and Raffle.

The club is located at 2111 east Fourteenth St., at the Oakland Red Cross Building. There is parking in the rear.

73, Jethro Busch,
O. R. C. President

FOR SALE: 63 Ft. Aermotor (3-Post Self Supporting Hurricane-Style) Tower including Telrex 10-15-20 Meter Beam, C-D Rotator, with Coax and Control Cables but no Control Box. Buyer responsible for removal from hillside site. Will accept best offer around \$500. Contact Rev. Daniel Dolan at Maryknoll, Box 4278, Mountain View, CA 94040. Phone (415) 967-3822.

Mint HT-37 \$135.00
Aerotron 500AM 2 Mtr. Xcvr \$35.00
Johnson Viking KW Pedestal (No Desk) \$225.00
Call Stan - W6JKJ (408) 736-8358

IRC's 20¢ each. Minimum Lot 15 each.
They may be ordered from Don Schliesser, W6MAV
1900 Powell Street - Suite 500
Emeryville, CA 94608 MAKE CHECKS PAYABLE TO NCDX FOUNDATION

De Aldo Diener - HB9AQM
P. O. Box 48
8406 Winterthur
Switzerland

I have the pleasure to inform you herewith about our DXpedition to Cocos Island (TI9). If you find the following notice worthwhile we would recommend it to publish in your DX bulletin.

HB9AQM/TI9 This DXpedition will activate Cocos Island from 22th April 75. The OP's intend to stay there for about a week. QSL's to HB9AQM, POB 48, 8406 Winterthur.

Frequencies preferred:

CW: 1802-3525-7025-14025-21025-28025

SSB: 3795-7095-14195-21295-28595

Sincerely yours,

A. Diener HB9AQM

- [X] - [X] - [X] - [X] - [X] - [X] - [X] - [X] - [X] -

The following Club Members participated in the ARRL DX Phone Contest February 1st & 2nd also some listed for March 1st & 2nd:

W6ISQ	K6CQF	VE3DXV/6	WA6AHF	K6AN	K6DYQ	W6OKK
W6NUT	K6QX	W6AMG	WB6OOL	W6TSQ	W6BH	W6NJU
W6BIP	K6AO	WB6KKB	K6RK	K6SSJ/MUR		W6RFK
W6OAT	W6YVK	K6QW	W6KG	K6QZ	W6MAV	K6OZL
K6UJS	WA6IQM	W6MUR	W6TTS	K6RXZ	K6AQ	
K6HIH	W6WB	WB6YLG	K6WD	W6LQC	W6MZ	

YHPRUM'S law? Yhprum, of course is Murphy spelled backwards, and his law is the converse of Murphy's, which postulates that anything that can go wrong will. Yhprum's law holds that anything that should go wrong won't.

And the same to you!

ATTENTION ALL CLUB MEMBERS

FRESNO ANNUAL DX CONVENTION FRESNO

In order to upgrade the standards of the NCDXC why not consider a Club Project to build the new CURTIS C/MOS KEYER. This would help to encourage more of our members to get their EXTRA Class Tickets and would benefit the entire membership. It so happens that Jack Curtis is offering his Kits at a fantastic price to Clubs who wish to undertake building a quantity of them as a project. In order to qualify for the best price we would have to have a minimum of 50 people who want to purchase. For example: We could get the 8043-1 Kit which consists of the C/MOS IC Chip, Glass-Epoxy PC Board drilled and silk screened, a Socket for the IC, 9 Gold plated pins for pluggable jumpers and a Sixteen page information and assembly manual, all for \$13.00/kit. This is 1/2 price! The additional parts could be purchased by the Club from a distributor (the same one as Curtis buys from) for a very attractive price, when buying in this quantity. Chassis, cabinets etc., could also be purchased in the same manner and it is quite possible to assemble the entire Keyer for under \$50. This is an extremely attractive deal. We could also have a special silk screen made so that the front panel would indicate NCDXC Club Project Keyer. It would be identical when finished to Jack's newest and latest keyer. Anyone Interested????? Please let us know and if there is sufficient interest we'll go on from there. We may also be able to get someone to do the assembly for a slight additional price for those who do not wish to build the kit. Please drop a note to John Brand, K6RXZ, Club Secretary. GET ON THE KEYER LIST!!!

Don Schliesser, W6MAV, has announced that everything for the BIG EVENT of the year is coming along just fine. By the time you receive the DX'ER you should have received your announcement regarding the CONVENTION. The main speaker, Fred Laun, LU5HFI, will speak here on the Coast for the first time. A tremendous program is in the offing and this should be better and bigger than last year's meeting. Don has lined up an FT-101B Transceiver as the PRE-REGISTRATION Prize. You are eligible for this prize only if you register prior to April 10th. To qualify your \$19.00 Registration Fee must be postmarked no later than the 10th of April. Registration at the Door will cost you \$21.00 so best you send in your do-re-me prior to the 10 April deadline. An ATLAS 180 Solid State Transceiver will be the Main Banquet Prize Saturday Night. Don plans a big beer bust following the Banquet Saturday Night and a Champagne Breakfast will be served on Sunday morning. The usual Cocktail Party will be held Saturday afternoon so there will be plenty of liquid refreshment so take care. We will have a number of visiting DXers as usual, with YV5AGP, VS6DR, HC2YL (heard on the air announcing that she will be there). Ellen White will be an honored guest and will be featured at the DX Forum. The bus has filled up and we are working on a second bus. 52 are presently signed and an additional 20 or more are needed to charter a second bus. Get your reservation in for the bus to Orm, K6QX, who is the bus chairman this year. As things now stand we should comfortably fill a second bus in time for the meeting. This is one of the Highlights of the weekend so get with it and call ole Orm. SEND YOUR PRE-REGISTRATION MONEY TO THE FOLLOWING ADDRESS:

Don Schliesser, W6MAV
1900 Powell Street - Suite 500
Emeryville, CA 94608

Make checks payable to the Northern California DX Club.

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CONGRATULATIONS TO W6BIP FOR HIS MULTI-OP SCORE OF 16,308 POINTS IN THE WAEDC CONTEST. HE IS THE ONLY W6 LISTED IN THAT CATEGORY AND THE ONLY CLUB MEMBER TO PARTICIPATE.

ROUND TRIP BUS TO FRESNO IS \$16.
Make payable to NCDXC-Send K6QX ASAP

23 February 1975

Dear NCDXC Members:

I was hopeful that we could raise enough money for the NCDXC Repeater Fund to make some worth while improvements, but now I am quite discouraged.

This summer Foothill College expects to build a cement block house on the mountain. We would share it as a guest of KPJC the College FM station on 89.6 MHz. As you know, most all repeater groups pay a monthly rent for the privilege of using a mountain-top location. We pay them nothing, not even for electricity, thanks to one of our Club members. For payment, the repeater committee had hoped to raise enough \$\$\$ to come up with a power generator that would start automatically during a power failure in times of emergency or disaster. A totally automatic reliable unit would cost \$1385.00 plus a battery and propane tank.

A solid state, battery operated repeater could be used instead of the generator. This would do nothing to repay Foothill for their favor. A PROVEN reliable, solid state repeater would cost about \$1200. It would be nice, but not much of a dollar difference.

Even more urgent is the purchase of a duplexer, allowing us to use our top antenna for transmit and receive, increasing reliability and coverage to more members. The cost is \$425. This brings our needs to about \$1810.

The Repeater Fund has \$309. \$200 of this was received in the last 2 mo. These donors should not be asked to give again, so soon. Support has been from the DX Foundation and 32 others. Some of the 32 were not even NCDXC members. The freeloaders are not going to give, and to be realistic I don't see how much more can be squeezed from the members. Very discouraging.

The DX Foundation gave us \$100 last April, included in the \$309. At the time they gave there was some question about giving to a small group, where relatively few would benefit. Even though all trustees of the NCDXFoundation are NCDXC members it hopeless to expect help from them, except as individual donors.

If any of you have any suggestions or donations please send them in, or I am going to abandon ship. This is URGENT. We must make a decision. All of you with hundreds of \$\$\$ in 2M gear....we need to raise \$1500 more if we do it right.

Merle B. Parten-K6DC 341 Laurel St. San Carlos, CA 94070

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DX-PEDITION OF THE MONTH
15 February 1975

CURRENTLY ACTIVE AND RECENTLY ACTIVE STATIONS QSL'd VIA W2GHK

C6ANY/VP7NY	KV4FZ	VK9XI
CN8HD	LA1H	VK9XK
CR5SP	OY7ML	VK9XX
CX2CO	P29JK/VK9JK	VK9XW
C21DC	PA9AFZ	VP9GR
C21DR	PJ8GQN	VS6DR
FM7WQ	PJ7VL	XE1IIJ
HKØAI	PJ9GQN	ZD8NC
HM1AJ	PJ8HS	ZS6IW
HP1IE	PJ9JR	4C5AA
HS2AGP	PY2PA	4C9AA
I1MOL	PY2PE	4U1ITU (NA only)
I1RB	VE8CV	6Y5RS
I1RBJ	VE8RCS	8P6CW
JW1EE	VK3BM	9Y4VT

A more detailed list with log dates, etc. is available by sending a self addressed stamped envelope (4 x 9-1/2") to Box 7388, Newark, NJ Z.C. 07107. Ask for bulletin #174 VK9XX now QRT Complete Logs at W2GHK

- [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] [X] -

The DX'ER received a NOTICE too late for publication from the QUITO RADIO CLUB regarding a DXpedition by the Quito Radio Club members to the summit of MT. PANECILLO on the Ecuadorian mainland. The callsign used was HD1QRC. This DX-pedition was to give special attention to the "1975 SSB REF CONTEST".

The NOTICE describes MT. PANECILLO as being located at 0°12'0" North of the Equator. The Inca Indians used the summit as a Sacrificial Killing Ground to the Sun God "RA". The mountainpeak has 100% sunlight during daylight hours and for that reason the Inca's made the mountain top sacred.

All QSL's should go to WA8TDY, John Kroll, 3528 Craig Drive, Flint, MI 48506. Please SASE or SAE + 3 IRC's. The QSL will be of Special Photo Design.

If you had a contact with this station a Special Historical Diploma will be offered. A letter of application giving date and time of the QSO should be sent to WA8TDY ONLY! The Diploma fee is \$2.00 US or equivalent in any foreign currency, or 12 IRC's. The diploma will be returned via AIR MAIL.

The above Notice was not received in our P. O. Box until the operation was completed. They were active on 23 February 1975. If you did work them you may wish to have the QSL or Diploma. (Ed.)

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Gary Stilwell, W6NJU, operated YJ8GS during the CQ WW DX CW CONTEST Using an FT-101 Transceiver, TH6 Antenna and Dipoles he scored as follows: 1726 QSO's 92 Zone Mult., + 146 Country Mult., 5097 Pts. for 1,213,086 Score. 3.5 thru 28 MHz. Congrats Gary!

REPORTED WAZ, WPX & 5 BAND DXCC STATUS

M = Mixed, S = SSB & Blank = Unknown

CALL	WAZ	WPX	10	15	20	40	80
WA6AHF	40S	692	100	100	100	100	74
W6AM	40MS	470M	148	176	355	139	126
W6BH	---	---	0	199	269	164	0
W6DOD	40	---	100	107	117	49	30
VE3DXV	40M	---	100	100	100	100	82
W6EYY	- -	- -	127	183	226	58	11
W6ISQ	-	847M	157	189	219	122	110
W6JKJ	40MS	-	100	100	100	100	70
W6LQC	40S	400/454	-	-	-	-	-
W6KG	40	718/732	-	-	-	-	-
W6MZ	40M	-	-	-	-	-	-
W6NJU	40MS	855	189	235	341	196	141
W6OAT	39/40MS	-	120	150	220	120	110
K6OJO	40MS	-	-	-	-	-	-
W6QDE	40M	-	-	-	-	-	-
K6QX	39/39MS	-	-	-	-	-	-
W6RGG	40MS	-	-	-	-	-	-
WB6RIU	39/39MS	-	84	120	226	35	46
W6TSQ	40MS	-	147	100	100	195	164
W6TTS	40S	665/760	116	154	186	76/8	71/8
K6TZX	40M	498	-	-	-	-	-
WB6UJO	40MS	-	-	-	-	-	-
WB6UOM	40MS	-	-	-	-	-	-
W6VQD	40S	-	44	144	262	36	44
K6WD	40M	-	-	-	-	-	-
K6WR	40MS	-	100	100	100	100	100
WB6YLG	40MS	-	-	-	-	-	-
W6YVK	38/39S	497/731S	101	171	122	39	17
W6ZBS	40	-	-	-	-	-	-
W6ZTJ	37/38	-	-	-	-	-	-
W6ZYC	40MS	-	-	-	-	-	-

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COMMENTS: Calls Heard or Worked - Band conditions etc.

W6AM - In the 1975 CQ 160 Meter Contest, I worked 27 stations and remember when that was the only band amateurs were on!

W6RGG - Would once again like to request a return to the standard listing format last seen in "Members Standings" for Dec. 1973 as printed in what appears to be the January 1974 issue of the DXer.

W6VQD - I wonder whether the usual countries worked and confirmed on any band are as interesting today as 5BDXCC because of the low solar activity. With so little action of new countries on 20 and 15, I have found that the challenge of 5BDXCC has added new interest to DX chasing. I note that the "member standings" are down - playing the 5BDXCC effort. Keep the usual country list of course, but would anyone else be interested in the gang's progress toward 5BDXCC?

K6RXZ - We list countries DXCC one month, then 5BDXCC the following month, then countries DXCC the third month and so forth - - Perhaps this is not enough. I am willing to change the listings but only after someone grabs the banner and comes up with a format that passes by vote at any upcoming club meeting.

IR2BIG--Who is W6LQF Recently heard on 2 meters?

K6TZX - Stations worked

GI3OQR	0927	12-1-74	7.0	CW	S-9+ Using 3 El Quad at 100 Ft.
CR4BV	0841	12-22-74	7.0	CW	QSL Octavio Quental, CTT Sao Vincente, Cape Verde Isl. Africa

W6YVK - Stations Worked

CG3GCO	1732	1-12-75	21.0	SSB	QSL VE3GCO
FY7AN	1731	1-13-75	21.0	"	"
VP2VZ	1749	"	21.0	"	QSL WA5QYR
"	1759	"	28.0	"	"
VP8NY	0052	1-15-75	14.0	"	"Maud"
EL4D	0107	"	"	"	"Ashley" - QSL WA3ZWC
VP2LBX	1652	1-16-75	21.0	"	"
"	1803	"	28.0	"	"
CY6AMR	1908	"	21.0	"	"Ted"
ZD7SD	1957	"	"	"	"Bill" P. O. Box 16, St. Helena
PJ9GQN	2005	"	"	"	"Shelly" QSL W2GHK
VP2EEB	0850	1-18-75	3.8	"	"John" QSL K6SE/2
8R1AG	0936	"	"	"	"Ivan"
VP1FF	0937	"	"	"	"John" Hunting for Cal. Award
6Y5DE	2139	1-25-75	21.0	"	"Dave"
HR6SWA	0017	1-26-75	14.0	"	QSL K3LLL
XE2FY	0824	"	3.8	"	"Joe" 1st QSO Since July 37
ZL1BIL	0857	"	"	"	"Mike"
ZL2RP	0858	"	"	"	"Graham"
UAØFGM	1312	1-27-75	"	"	"Walt"
VS6DO	1551	"	"	"	"Paul"

EV says all these contacts "Barefoot as usual"

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The DX Bulletin for Philip E. Deaver, WB6QLZ continues to be returned each month. Can someone provide us with Phil's latest address????

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You may wish to get on the mailing list for the Weekly Radio Telecommunications Forecasts. This is a free service and you may subscribe by writing and asking to be placed on the list. This is where Gene, W6TTS gets all of that hot advance info on condx. Write: U. S. Department of Commerce, Office of Telecommunications, Institute for Telecommunications Sciences, TELECOMMUNICATION SERVICES CENTER, Boulder, Colorado 80302. They are mailed via air weekly and seem to be well worth receiving. You can't go wrong.

Dear Fellow Club Members:

This may be the last DXer that I will be able to get out for awhile, I simply don't have the time to devote to doing the paper right now. It has taken me the better part of two days away from business running around getting things done and it is valuable time that I just don't have for this sort of thing. In addition I have spent part of last weekend and several nights this week working on the typing of the DXer. We need a volunteer to do the typing and gathering of DX info from the Club members. Running the paper off on the mimeograph machine is perhaps the simplest chore of all and one which I can take the time to do as it merely requires about 1 hour or less, which can be done during the lunch hour. Collating and stapling takes a fair amount of time too and I would just as soon give up that part of the processing.

I have purchased 3000 new and permanent front Covers for the DXer. The one you see now will be used for approximately 4 months and when used up we will go to another cover, which will be a slightly different scene of San Francisco, and so forth. I obtained 3 pictures which I thought were good and ordered slightly more than a 1 year supply, thus getting a price break on the quantity. This alleviates the problem of having to make one up each time. The present cover does not have a month on it and I do not have time to run it thru the machine to put it on, since it requires cutting a stencil and running it thru the mimeo machine. I picked up these covers at noon this Friday March 7th, 1975.

I would also like to apologize for some of the sloppy workmanship in typing the DXer. Due to limited space and the magnitude of information I have for the DXer I am trying to utilize all the space possible and therefore I have hyphenated words at the ends of sentences in places in the word where it ain't done properly and correctly. In as many cases as possible I try to break the word correctly so I simply wanted you to know that it isn't due to stupidity but to expediency. If I misspell a word now and then it is because I am too tired or too lazy to look it up so be patient. At other times I print a letter from a member and in that case I spell the word exactly as he puts it in his letter to the DXer. If any of the Minutes are incorrect it's E. Howard and not your's truly.

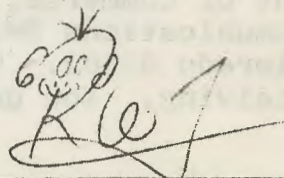
I had a great deal of information this time that I was unable to get in due to time. I would liked to have printed the scores from the PHONE Contest but time and space ran out. I suggest that you send your scores to John Brand and we will try to print them in the April issue if we are able to get one out.

We desperately need a volunteer for the DXer and with 190 odd members in this club I see no reason why we can't find one. The Club is getting larger as well and we need new blood, fresh as Dracula might put it so it is time the younger fellas stepped forward for some of these chores. How about it kids??

Many thanks for your patience and good DXing.

73,

Bob - K6SSJ





This listing is published as a service to amateur FM operators by the CARC. Contact the person listed as "SOURCE" for details on a specific repeater; contact Jay O'Brien, W6GO, the CARC Vice-chairman at 6606 Fifth Street, Rio Linda, CA 95673 (phone 916 991-2010) for details on northern California CARC operations. This listing was prepared as a result of "Concord '74", a meeting of northern California repeater users held on September 21, 1974 and updated as a result of a draft listing issued on that date. The CARC or Concord '74 are not responsible for data listed herein. This listing may be reproduced further without CARC permission provided both sheets are reproduced in their entirety.

NORTHERN CALIFORNIA (Bakersfield & North)

TWO METER LISTING

OCTOBER 12, 1974

LOCATION	AREA	CALL	INPUT	OUTPUT	MOD	ACCESS	REF	SPONSOR	SOURCE	DATE	USERS
Rescue	Sac. Vly	WR6ACW	146.01	146.61	5-5	C		NYLIC Radio Club	K6AUU	9/74	15
Meadow Lakes	SJ Vly	WR6AFO	146.01	146.61	5-5	C		WA6YDI	WA6YDI	9/74	20
Marin Co.	SF Bay	WR6AGG	146.01	146.61	5-5	C		UHF Engr. Society	WA6JYU	10/74	20
Mt Loma Prieta	SF Bay	WR6ABD	146.04	146.64	5-5	C		Pioneer RC of SJC	K6LLK	9/74	200
Clear Lake	Lake Co.	W6CPK	146.04	146.64	5-5	C		W6GCG	W6GCG	10/74	10
Shingle Springs	Sac. Vly	WR6ABK*	146.07	146.67	5-5	C		Shingle Springs Radio Network	W6JYB	9/74	30
Bakersfield	Cent. Vly South	WA6ZSR	146.07	146.67	5-5	C		Kern Co. ARC	WA6ONI	9/74	25
Mt San Bruno	SF Bay	WA6ZUB*	146.07	146.67	5-5	C		Shingle Springs RN	W6BUR	9/74	20
Mt Tamalpais	SF Bay	WR6AGS	146.10	146.70	5-5	C		Amateur Comm Soc	W6EJY	9/74	300
Meadow Lakes	SJ Vly	W6JPU	146.12	147.71	5-5	C		Repeater Associates	WB6GVQ	9/74	33
Montebello Rdg	SF Bay	WR6AEE	146.13	146.73	5-5	C	U	Bay Area Radio Fellowship & SPARK	WA6UEW	9/74	30
Sonoma Mtn	SF Bay	WR6AES	146.13	146.73	5-5	C/B		Sonoma Co. ARS	WB6MYG	9/74	30
Mt Chual	SF Bay	WR6ADE	146.16	146.76	5-5	C/B1800	A	Santa Clara Vly VHF Relay Society	K6HLE	10/74	60
Auburn	Sac. Vly	WR6ADI	146.16	146.76	5-5	C		Sierra Foothills ARC	K6ARR	9/74	30
Luis Obispo	Cent. Coast	WR6ADS	146.16	146.76	15-15	C		Cal Poly ARC	WA6APW	9/74	5
...ding	No Sac. Vly	WR6AFZ	146.16	146.76	5-5	C		W6QWN	W6QWN	9/74	10
Stockton	Stockton	WR6AGI	146.16	146.76	5-5	C		W6YKS	W6YKS	9/74	5
Arcata	Eureka	WB6NHF	146.16	146.76	5-5	C	I	WB6NHF	WA6ICB	9/74	5
San Francisco	SF Bay	WR6ACI	146.19	146.79	5-5	C		G.S.Ladd Pioneer RC	WA6PEO	9/74	30
Sacramento	Sac'to	WR6ADU	146.19	146.79	5-5	C		RAMS, Inc.	WA6IQL	9/74	125
Meadow Lakes	SJ Vly	WR6AFS	146.19	146.79	5-5	C	A	Cent. Cal. Am. Comm	WB6HYL	9/74	65
Santa Cruz	Monterey	WA6DVY	146.19	146.79	5-5	C	U	Santa Cruz Rptr Grp	WA6TVN	9/74	20
Yreka	No. Cent. Cal.	K6GZV	146.19	146.79	5-5	C	U	Siskiyou Co. RACES	W6QWN	9/74	5
Oakland	SF Bay, Sac Vly	WR6ABM	146.22	146.82	5-5	C		Grizzly Pk VHF ARC	WA6JLJ	9/74	300
Cuesta Peak	Cent. Coast	WR6AEL	146.22	146.82	7-7	C	A	Central Coast ARS	WA6APW	9/74	30
Meadow Lakes	SJ Vly	W6JPU	146.22	146.82	5-5	C		Repeater Associates	WB6GVQ	9/74	200
Fresno	Fresno	WB6TJJ	146.22	146.82	5-5	C	U	Repeater Associates	WB6TJJ	9/74	1
San Mateo Co.	SF Bay	WR6ADY	146.25	146.85	5-5	C/B1950		RACES Club, S Mateo	WB6BDD	9/74	60
San Mateo Co.	SF Bay	WR6ADZ	146.25	146.85	5-5	C/B1800		RACES Club, S Mateo	WB6BDD	9/74	-
San Mateo Co.	SF Bay	WR6AEA	146.25	146.85	5-5	C/B2100		RACES Club, S Mateo	WB6BDD	9/74	-
Chico	No. Sac. Vly	W6ICO	146.25	146.85	5-5	C	U	Golden Emp. ARS	WB6LIN	9/74	25
Meadow Lakes	SJ Vly	WR6AFH	146.25	147.84	5-5	C	M	WA6OIB	WA6EUZ	9/74	7
Mt Oso	SJ Vly, Sac Vly	WR6ACV	146.28	146.88	5-5	C		Central Valley VHF FM Club, Inc.	WA6ZHT	9/74	80
Oakland	SF Bay	WR6AFP	146.28	146.88	5-5	C/B1800/PL		VHF Repeaters, Inc.	WB6GON	10/74	20
Blue Ridge L.O.	So SJ Vly	WB6OPG	146.28	146.88	5-5	W2200		Tulare Co ARC	W6ARE	9/74	20
McKittrick	So SJ Vly	WR6ACE	146.31	146.91	5-5	C		WA6QFJ	WA6QFJ	9/74	75
Folsom	Sac Vly	WR6AEN	146.31	146.91	5-5	C		Sac'to Area Amateur Emergency Network	K6PWA	9/74	50
Mt St Helena	SF Bay, Sac Vly	WR6AEO	146.31	146.91	5-5	B		Sonoma Mt Rptr Soc	WA6QFP	9/74	20
Sonoma Mtn	SF Bay	WB6SXC	146.31	146.91	5-5	B		Sonoma Mt Rptr Soc	WA6QFP	9/74	-
Bishop	E. Central	WR6ACG	146.34	146.94	5-5	C		Gronk Radio Network	K6BDI	3/74	-
Meadow Lakes	SJ Vly	WR6ACU	146.34	146.94	5-5	C		Fresno Am RC, Inc.	W6YEP	9/74	250
Oakland	SF Bay	WR6ADF	146.34	146.94	5-5	B1800	I	K6SWS	K6SWS	2/73	-
Cohasset	No Sac Vly	WR6AGL	146.34	146.94	5-5	C/B1950		Mt. Vaca RC, Inc.	WB6FKV	9/74	200
Humboldt Hill	Eureka	WR6ACT	146.34	146.94	5-5	C	A	Far West Rptrs	WA6ICB	9/74	30
Mt Pierce	No Coast	WR6AGU	146.34	146.94	5-5	B1800		Far West Rptrs	WA6ICB	9/74	-
...y	Sac'to	WA6IOK	146.34	146.94	5-5	C	U	Jeff Hilliard Memorial Comm. Inc.	WA6IOK	9/74	0
Berryessa Pk	Sac Vly	WR6ABX	146.37	146.97	5-5	C		Berryessa AR Klub	WB6VKH	9/74	200
Monterey	Monterey	WR6AEZ	146.37	146.97	5-5	W1336	A	Naval Postgrad. ARC	W7EYF	10/74	25
Piedmont	SF Bay	WA6HHQ	146.385	146.985	5-5	C		Piedmont ARC	WA6HHQ	9/74	20
Cohasset	No Sac Vly	WR6AGL*	146.40	147.00	5-5	C/B1950		Mt. Vaca RC, Inc.	WB6FKV	9/74	100
Rio Linda	Sac'to	WR6AGM*	146.40	147.00	5-5	C, T	I	Mt. Vaca RC, Inc.	WB6FKV	9/74	-
Mt Vaca	Sac Vly, SF Bay	WR6AGN*	146.40	147.00	5-5	C, T		Mt. Vaca RC, Inc.	WB6FKV	9/74	-
Mt Vaca	Sac Vly, SF Bay	WR6ACM	146.55	147.57	5-5	C		NORCAL	WB6CUM	9/74	70

LOCATION	AREA	CALL	INPUT	OUTPUT	MOD	ACCESS	REF	SPONSOR	SOURCE	DATE	USERS
Berkeley	SF Bay	WR6AEV	147.63	147.03	5-5	C/B/PL		AMCOM Repeater & Alameda Co. RACES	WA6SBJ	10/74	18
Mt Bullion	SJ Vly	W6BXN	147.63	147.03	5-5	C	U	Turlock ARC, Inc.	K6IXA	9/74	30
Mt Diablo	Sac Vly, SF Bay	WR6ACP	147.66	147.06	10-10	C	U	Mt. Diablo Rptr Grp	K6POU	9/74	-
Alamo	Sac Vly, SF Bay	W6CX	147.66	147.06	10-10	C	A	Rocky Ridge Rptr Grp	W6HOF	9/74	40
Belmont	SF Bay	WR6ABY	147.69	147.09	5-5	C		WB6CKT	WB6CKT	9/74	45
Meadow Lakes	SJ Vly	WR6ACU	147.69	147.09	5-5	C		Fresno ARC, Inc.	WB6AIE	9/74	100
Woodland	Sac Vly	WR6AFF	147.72	147.12	5-5	C	U	Yolo Co CD ARC	WA6UWB	9/74	9
Livermore	Livermore	WA6ODP	147.72	147.12	5-5	C		Livermore ARK(RACES)	WA6SDA	9/74	20
Mt Umunhum	SF Bay	WR6ABH*	147.75	147.15	5-5	C		BAYCOM	K6GSJ	9/74	40
Mt St Helena	SF Bay, Sac Vly	WR6AFU	147.78	147.18	5-5	B1800		Mt St Helena ARS	WA6BIS	9/74	15
Madera	SJ Vly	WA6HMP	147.78	147.18	5-5	C	U	Madera ARC	W6WWT	9/74	20
Mt Umunhum	SF Bay	WR6AHB	147.795	147.195	5-5	C	A,U	Comex Park Rptr Assn	WB6USH	10/74	20
Oakland	SF Bay	WR6ABF*	147.81	147.21	5-5	C	A	Pacific Services RC	WA6TKP	9/74	9
Marin	SF Bay	WR6ADC	147.84	147.24	5-5	C		Wolf Back Ridge R.N.	WA6EUZ	9/74	65
Mt Vaca	SF Bay, Sac Vly	WR6AEI	147.87	147.27	5-5	C		S.A.R.O.	K6FO	9/74	43
Mt San Bruno	SF Bay	WR6ADR	147.90	147.30	5-5	C		WB6VIG	WB6TXD	9/74	40
Meadow Lakes	SJ Vly	WR6AFA	147.90	147.30	5-5	C		WA6SEM	WA6SBM	9/74	10
Sacramento	Sac'to	WR6AGK	147.90	147.30	5-5	C		J.I.Sabin Pioneer RC	K6FO	9/74	15
Marin	SF Bay	WR6ABG	147.93	147.33	5-5	RTTY		CA AR Teletype Soc	WB6IMP	9/74	24
Los Altos	SF Bay, Sac Vly	WR6ACZ*	147.96	147.36	5-5	C		No Cal DX Club	W6ZYC	10/74	60
Rio Linda	Sac'to	WR6ABZ*	147.99	147.39	5-5	C		W6GO	W6GO	9/74	20
Paradise	No Sac Vly	WR6ACH*	147.99	147.39	5-5	C		W6ECE	W6GO	9/74	5
Los Gatos	SF Bay	WR6ADX	147.99	147.39	5-5	C		Las Cumbres ARC	K6ESC	10/74	10
Mt Vaca	Sac Vly, SF Bay	WR6AGJ*	147.99	147.39	5-5	B	U	W6GO	W6GO	9/74	20

* Indicates closed (private) repeater. All others are open.

ACCESS: C = Carrier operation R = Burst PL = Private Line T = Touchtone W = Whistle

REF: A = Autopatch U = Under construction I = Inactive M = Output to move to 147.855

LOCATION	AREA	CALL	INPUT	OUTPUT	MOD	ACCESS	SPONSOR	SOURCE	DATE
Mt Umunhum	SF Bay	WR6ABH**	222.02	223.62	5-5	C	Bay Area Comm Soc	K6GSJ	10/74
Marin	SF Bay	WR6ADC	222.10	223.70	5-5	C	Wolf Back Ridge R Net.	WA6EUZ	9/74
Mt Vaca	SF Bay, Sac Vly	WR6AGJ*	222.18	223.78	5-5	C	Mt Vaca RC & W6GO	W6GO	9/74
Auburn	Sac Vly	WR6ADI	222.26	223.86	5-5	C	Sierra Foothills ARC	K6ARR	9/74
Mt Vaca	SF Bay, Sac Vly	WR6AGO	222.34	223.94	5-5	C	Mt Vaca RC, Inc.	W6GO	9/74
Mt St Helena	SF Bay, Sac Vly	WR6AFU	222.42	223.02	5-5	C	Mt St Helena ARA	WA6BIS	9/74
Folsom	Sac Vly	WR6AEN	222.50	224.10	5-5	C	Sac Am Emerg Network	K6FWA	9/74
Folsom	Sac Vly	K6IS	222.98	224.58	5-5	C	North Hills Radio Club	WA6WOX	9/74
Mt San Bruno	SF Bay	WA6ZUB	223.06	224.66	5-5	C	Shingle Spr Radio Net.	W6BUR	9/74
Shingle Springs	Sac Vly	WB6ZGT*	223.14	224.74	5-5	C	Shingle Spr Radio Net.	WB6ZGT	10/74
Berryessa Pk	Sac Vly	WR6ABX	223.22	224.82	5-5	C	Berryessa Am Rad Klub	WB6VKH	9/74
Kensington	SF Bay	WR6AFN	223.26	224.86	5-5	C	Kensington Rptr Assn.	WA6ZTY	9.74
Montebello Rdg	SF Bay	WR6AEE	223.34	224.94	5-5	C	Bay Area Comm Soc	K6GSJ	10/74

* Indicates closed (private) repeater. All others are open.

** Indicates on the air repeater. All others are under construction.

CARC-NORTH BAND PLANS
AS DIRECTED BY CONCORD '74

TWO METERS:

30 KHz channels 146.01 through 147.99 MHz. 15 KHz splits only where agreed to by adjacent channel users. Repeater inputs 146.01 through 146.40 and 147.63 through 147.99, plus 146.55. Repeater outputs 146.61 through 147.39, plus 147.57. Repeater input/output spacing 600 KHz except 146.55--147.57 special case repeater. Simplex channels 146.43 through 146.52 plus 146.58, and 147.42 through 147.54 plus 147.60. 146.52 non remote base (low level) simplex, 146.46 remote base (high level) simplex.

220 MHz:

40 KHz channels 222.02 through 224.98 MHz. 20 KHz splits available. Repeater inputs 222.02 through 223.38. Repeater outputs 223.62 through 224.98. Repeater input/output spacing 1.6 MHz. Simplex channels 223.42 through 223.58. National Calling Channel 223.50 MHz.