

# Northern California DX Club DXer



Volume XLIV - Number 6

June, 1991

## RON'S COMMENTS

Ron (bless his heart) declined to comment this month, citing the 5th amendment.

However, he wanted to remind folks that at the next meeting the floor will be thrown open for discussion of the WB6WKM letter, and where the use of the club repeater might go.

On a personal note, this editor spoke briefly with Ted, W6BJH as the XYL and I were passing through Redding. He seems to be doing well, and was heard to discuss those things dear to the hearts of DXers, DX and the packet cluster, with locals. Sort of missionary work, I would guess. Anyhow, he was hanging out on the 146.64 repeater there, and should you pass that way, give a call.

Lloyd and Iris dropped by and left some literature concerning their annual July 4 get together. A copy is included with this issue. This is one of those "dont miss if you can help it" type of things. Lots of fun.

This issue grew to considerable size, rather quickly, so please bear with me. The DX ladder, very neatly formatted I might add, is in there, the rules for the marathon, better late than never, plus the ARRL DX Contest scores and the W6KG/W6QL July 4 bash info. This issue is also formatted a bit differently than those in the past. Just tinkering. 73 de K6ZX

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## NEXT MEETING

The next meeting, due to a quirk of the calander is on June the 14 th. The location due to a quirk of scheduling will be at Harry's Hofbrau in MOUNTAIN VIEW. The program will be Jim, W6CF discussing the internals of the DXAC. Substance abuse lecture at 6pm, dinner at 7:30. Come early, stay late. Enjoy

## CLUB INFORMATION

THE NORTHERN CALIFORNIA DX CLUB, INC.,  
PO BOX 608, MENLO PARK, CA 94026  
The DXer is the bulletin of the NCDXC and is published monthly for the benefit of its members. Unless otherwise noted, permission to use any portion of this publication is hereby granted, provided credit is given to the DXer.

### NCDXC OFFICERS

President: Ron Rasmussen, NG6X  
Vice President: Bill Fontes, W6TEX  
Secretary: Stan Kuhl, K6MA  
Treasurer: Bob Wilson, NQ6X  
Director: Morris Brown, N6DJM  
Director: Rusty Epps W6OAT  
Director: Larry Souza, KG6GF

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Data Base: John Cronin Jr., K6LLK

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Los Altos, CA 94024  
-or- dbeck@erg.sri.com

### Send DX ladder reports to:

Larry Bloom  
2520 Heather Lane  
San Bruno, CA 94066

### NCDXC REPEATER W6TI/R

Output 147.36 Mhz, Input 147.96 MHz  
Trustee: Bob Vallio, W6RGG  
Repeater Committee Chairman:  
Ralph Hunt, AG6Q  
Suggested simplex freq.: 147.54 MHz

### NCDXC THURSDAY NIGHT NET

On W6TI/R Thursday at 8:00 PM local time.  
Operations Manager: Ralph Hunt, AG6Q  
DX News: Bob Artigo, KN6J  
Propagation: Al Lotze, W6RQ  
Contest News: Rich Hudgins, WX6M  
Westlink: Craig Smith, N6ITW  
Swap Shop: Ben Deovlet, W6FDU  
933 Robin Lane  
Campbell, CA, 95008  
408/374-0372

QSL Information: Mac McHenry, W6BSY

### NCDXC DX BULLETIN BROADCASTS

Trustee: Bob Vallio, W6RGG. General interest broadcasts at 1800Z Sunday and 0200Z Monday on 14.002 MHz and 7.016 Mhz

## MEETING MINUTES

NCDXC Board of Directors Meeting, April 24, 1991

NG6X, W6TEX, NQ6X, K6MA, N6DJM, KA6W, and AG6Q present at Harry's Hoffbrau, Mt. View

- Extensive review of proposed Procedure Manual changes (NG6X, W6TEX)
- Repeater (AG6Q); New donated standby batteries from PT&T to be installed. Work party to be assembled soon.
- Nominating committee (KA6W) upcoming officer nominations for 1991/92 discussed. Completed slate by June members meeting when election is to be held.

de K6MA

NCDXC Members Meeting, May 10, 1991

- Steve Salmon, AA6LF, presented an excellent video of his families sail boat trip from San Francisco to the Marquesas, Cook, Tahiti, Palmyra, Hawaii and return to San Francisco. Very professionally done and well edited.
- Ron, NG6X opened the meeting with regretful announcement that Guy Ottinger, K6CN recently became a silent key.
- Applications for membership (K6MA); Duane Ausherman, W6REC, was welcomed back as member.

### • First Readings

Omri Serlin, AA6TA, Los Altos  
Stan Goldstein, N6ULU, Watsonville  
Scott Townley, NX7U, Campbell  
Dave Bernstein, AA6YQ, Los Altos  
Robert Chorter, AA6VB, San Jose  
Art Gibney, KK6AV, Fairfax  
Marilyn Bagshaw, N6VAW, Mill Valley

Vote for acceptance as members will be at next meeting if one or both sponsors are present.

### Second Readings

Hershel Stansch, AA6QY  
Claude Fontaine Jr., KD4GW  
Donald Sexton, KJ6JF

All three voted into membership.

(continued page 3)

MEETING MINUTES (continued from page 2)

• Packet users group report was given by Smitty, W6JZU.

• Convention report by Steve, W6MKM. Convention very successful. Over 508 pre-registration and over 550 final count with 169 attending Friday night BBQ. Some final fills to pay. Expect some profit thanks to raffle. Final accounting next month. Next years convention at Visalia Holiday Inn, April 10, 11 & 12 hosted by SCDXC. Get your reservation in now!

• "Charlie", digital/voice report by John, K6LLK. John got the converter up and running about 2 weeks ago and his efforts were vocally praised on "Charlies" results. Lots of development and future improvements and enhancements planned. John presented handouts on current capabilities and future enhancements for members info.

• Ron, NG6X, briefly highlited Procedure Manual changes. Primarily officers duties, dues payment "grace" period reduced to end of August (instead of September) effective 1992, and SAE to be included with June DXer to encourage early dues.

de K6MA

ADDRESS CHANGES

Correction: Charles Strobel K6PBT  
P.O. Box 883  
Magalia, CA 95954

Re instatement:  
Duane Ausherman W6REC  
13827 Sargent  
Galt, Ca 95632

New Members: Herschel Stansch AA6QY  
1917 Dandini Circle  
San Jose, CA 95128  
(H) 408.295.4492

Claude R. Fontaine, Jr. KD4GW  
3880 Walnut Dr.  
Rescue, CA 95672  
(H) 916.677.1233

STILL MORE new members:

Donald B. Sexton KJ6JF  
1806 Astoria Place  
Fairfield, CA 94533  
(H) 707.425.9362  
(W) 415.825.4800

More Corrections:

Jon E. Casamajor N0DJJ  
24 Graceland Ct.  
Chico, CA 95926

Warren D. Mays K7SA  
Star Rt 2, Box 778  
Cave Creek, AZ 85331

On the move:

Jim Pratt, N6IG  
3603 Ridgeview Dr.  
El Dorado Hills, CA 95630-4412

TREASURERS REPORT

NCDXC Treasurers report April 1, 1991 to April 30, 1991.

|                           |                |
|---------------------------|----------------|
| Checking Account Activity |                |
| Mar 31, 1991 EOM Balance  | 3015.63        |
| Deposits from dues (new)  | 118.00         |
| Other incomes             | <u>161.50</u>  |
| Sub total                 | 3295.13        |
| Accounts Payable          | <u>1468.99</u> |
| Balance EOM Apr. 30, 1991 | 1826.14        |

|                        |              |
|------------------------|--------------|
| Savings Account status |              |
| (1) B of A A/O 3.19.91 | 14169.47     |
| Interest               | <u>61.14</u> |
| Balance A/O 4/18/91    | 14230.61     |

|                                  |         |
|----------------------------------|---------|
| (2) American Savings A/O 3/31/91 | 9302.50 |
|----------------------------------|---------|

|                                 |         |
|---------------------------------|---------|
| Repeater Fund A/O Mar. 31, 1991 | 1561.05 |
|---------------------------------|---------|

de NQ6X, NCDXC Treasurer.

## WE GET LETTERS

OH BOY, did we get letters!

From Rubin, WA6AHF and Merle, K6DC:

Dear OM,

I do not know why can't to get QSL's from Californian stations. W6 boys no answering to my QSL more as 5 years. I trying for "California" award. Have worked more as 400 calls of California and confirm only 144! Sorry. . .can't get confirm from NCDXC club members:

|         |        |
|---------|--------|
| W6BSY   | NY6C   |
| W6CTL   | WB6CUA |
| WW6D    | K6DR   |
| N6EK    | K3EST  |
| W6GO    | N6HR   |
| KN6J    | N6JV   |
| K6LRN   | K6MA   |
| W6MSF   | W6MTJ  |
| W6MZ    | N7NG   |
| W6NKR   | NV6O   |
| K6OZL/M | W6QHS  |
| N6RA    | W6REC  |
| W6RJ    | N6RO   |
| AK6T    | W6TEX  |
| N6VV    | K6WD   |
| K6XT    | W1YL   |
| WZ6Z    | K6ZUR  |

73! Vaidas LY2BZ (UP2BZ)

Morkunas Vaidas LY2BZ  
Kranto Str. 7A-6  
Panevzisis 235300  
Lithuanian SSR

Hope this helps, OM - Ed.

Dear DXer,

I read with interest the missive of my good friend WB6WKM regarding DX announcements on our repeater by the Contest Club. He presents one point of view, possibly seriously, perhaps maybe just to provoke a little controversy I would like to point out that there is another way of looking at it.

Agreed that the primary purpose of the repeater is to announce DX and generally further our interest in DX; however (to my mind) it serves also as a social lubricant enabling us to make exchanges perhaps only marginally concerned with DX. Sometimes these exchanges get to be overlong (I know of at least two former members with low boiling points who have left the club for this reason). Dick and his friends handle the matter beautifully. A short call and a quick QSY to another frequency. Others, including myself, are less efficient.

And that brings me to the point of this letter. One of the "alternate frequencies" used for QSY is the repeater of the Contest Club. It has been so used for years and continues to be so used. I do not know of any objection to this use by the members of the Contest Club. I foe one, much appreciate it and suggest that we continue to co-operate with them as always.

It is written. 73 de Uncle Vern, W6ERS

Editor, The DXer:

Regarding Dick Letrich's salvo in the May DXer against recent DX contest announcements on the W6TI repeater - WOW! ". . .no legitimate right. . .non approved contest activity. . .Dupe for the contest element. . .this unauthorized abuse must be policed," and so on. Again, WOW! Pretty strong language!

For years and years W6TI has been used by NCDXC members and their guests for all sorts of chit-chat, including discussing antennas, selling rigs, complaining about lousy conditions. . .and making DX announcements, many of which have been made during DX contests. Surely every transmission made on W6TI isn't to the liking of every user. But we've managed to survive very nicely over the years because most of us have come to realize that give and take is necessary in a community endeavor such as W6TI.

Come on, Dick - loosen up! There's room for all!

73, Jim W6CF

More Letters!

Editor, DXer and NCDXC Board of Directors:

I am absolutely burning with rage after reading a letter to the editor in the May issue of the DXer. Mr. Letrich wrote about the constant use of our DX CLUB REPEATER for the continued announcement of contest activities. Is contest DX not DX?

Hugh Cassidy said it all when he wrote "DX IS!" Dis you know, the shortest sermon in history was "Love!"? What a powerful sermon. The same is true for Hugh's words - power. Behold, for that is all there is to know about DX! DX IS! to me different than it is to someone else. DX IS! undefinable but by the individual himself. Why should one individual shout "I know what DX IS! and you should see the light"? DX, by the way, means distance, not a country, nor a DXCC counter. DX on 1.2 GHz is not the same as DX on 20 meters, but nonetheless DX IS! . . .DX, still!

The question of whether a DX club repeater should be used during all contests is a good one. But, every contest call that I've heard announced on W6TI was a DX call. Mr Letrich stated the repeater's intended purpose of announcing DX is being abused. What is a Eupropan in a contest, but DX. DX IS! He continues to worry for the DXer listening for rare announcement when all he ehars in not rare to semi-rare at best announcements. Again DX IS!

What is the problem with quoting DX contest callouts from the packet screen? Not everyone has packet and this helps everyone locate the DX, which is the intended purpose of the repeater. In fact, several members missed contest announcements when they were not called out from the packet screen. And, Oh by the way, a few contesters ("real contesters") don't use packet. They search and pounce on their own. The DX Alert is a superb addition to the repeater and thankfully, Mr. Letrich will never again have to hear "from the packet screen". To use Mr. Letrich's words, "the time has come for the club to evaluate its true purpose . . . we are a club that promotes DX activity". Well once again, DX IS! in the mind of the beholder. Let us not determine what DX IS! for each individual member, but let us be open to an individuals interpretation of what is meant by DX IS!

I refuse to contribute to the proliferation of one person's onw DX goals and lose sight of the individualistic nature of DX, and the rest of the membership. I think coming down on contest DX announcements is short sighted and does not support the club's goal of encouraging DXer participation. The NCDXC summer DX Marathon encourages our members to contact as many DXCC countries as possible during the

summer months, undoubtedly there will be a few not rare to semi-rare announcements.

In the May issue of the DXer there was an article about Bob Vallio, W6RGG, DXer of the year. After reading Bob's qualifications I wondered why he wasn't nominated sooner. I would like to highlight three of the qualifications for DXer of the year: 1) Helping other members work DX. 2) Sportsmanship and 3) Bringing in new members. It seems to me that we as a club should remember that DX IS! and assist other members and possible new members by making DX announcements, regardless if it is during a contest and regardless how rare, semi-rare, or not rare the DX IS!. As a county hunter, I'm often asked what is a rare county to operate from. The answer is whatever county someone else needs. In other words, DX IS! rare until you work it (and confirm it), then it suddenly becomes semi-rare or not rare.

The NCDXC obviously does not agree with Mr Letrich or they would have never decided to give DX Alert a trial. I think after 3 months we will be so used to DX Alert, we won't want to be without it. We as a club need to focus on promoting DX IS! to whomever we can reach, and not limit ourselves to our own individual pursuits and definitions of DX IS! 73 Ace, N3AHA

Der NCDXC Members;

I wish to reply to the protest printed in the last DXer by WB6WKM concerning DX announcements during contests. His first question was by whose authority does this take place? I would say that since the purpose of the DX Club is to promote and enhance DX activity, then the aurhority to make DX announcements during a contest or noncontest time is thus granted by NCDXC. Dick points out that in his opinion since there were no (ET2's or S2's) or other very rare countries called out that these DX announcements were thereby unauthorized. Unauthorized, by who? I further suggest that many members, as well as nonmembers, derived a lot of good from these announcements whether it be an all time new country, a new band country, a new mode country, etc.

Dick says the time has come to evaluate the true purpose of the DX Club. I suggest that the purpose is quite clear as stated previously in this letter. I have always been of the impression that if one wanted to hear up-to-date and immediate DX information and announcements, the place to listed in 147.36. Perhaps if someone does not wish to hear this type of activity, then they should not listen to 147.36.

73 Rich WX6M Contest Chairman NCDXC  
(edited from a longer contribution - Ed)

## DXAC COMMENT

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### Penguin Islands - Approved . . .

The big news this month is that the DXAC has voted in favor of new country status for the Penguin Islands. The recommendation now goes to the ARRL Awards Committee at Hq. for a final decision. No timetable has been set for Hq. decision, but it is likely to come out very soon, possibly even before you receive this bulletin. The DXAC vote was split: 9 in favor of new country status, 5 opposed and 2 abstaining. A single favorable vote going the other way would have resulted in only 8 yes votes which, by DXAC rules, would not have been enough for approval.

Hq. is by no means bound to agree with the DXAC's recommendation, so the last word is not yet in. Assuming that Hq. agrees with the DXAC, a timetable for submission of QSL's will probably accompany their announcement. Meanwhile, those who have the Penguin Islands in the log should polish up their cards. . .

### North Korea . . .

No action has yet been taken on the petition prepared in behalf of the NCDXC by Rusty, W6OAT, calling for new country status for North Korea. Although a vote was tentatively scheduled for early June, it is not at all certain that the vote will actually take place. QRX!

### Tatar Republic . . .

Lithuania and Latvia and other Russian Republics have been getting a lot of press recently on their attempts to achieve independence from the Soviet Union. A slightly different effort is underway in the Tatar Autonomous Soviet Socialist Republic. The Tatar Autonomous Republic, currently a part of the Russian Republic (under Yeltsin), with UA4 callsigns, is trying to break away from the Russian Republic and become a Union Republic. this would elevate them to the same status as the other 15 U.S.S.R. Republics, all of which are separate DXCC countries. The Tatars have declared their independence and are agitating to be recognized by the central government as the Republic of Tatarstan. UA4RZ of the Zilan DX Club, has asked the ARRL to make the Tatar Republic a new DXCC country. What's to happen? Well, it's not likely that they will show up on the DXCC list until a lot more water has poured over the dam. Although the Tatars have declared their independence, neither the Russian nor Soviet governments have recognized the change. QRX, don't hold your breath. 73 de W6CF

## ANNOUNCEMENT

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A group of EA will try to go to Annobon (3C0) from August 4 to 18. 5R8AL is coming back and he will be there again on June 10 for 2 or 3 weeks. FP5DX will be active on 80m CW for the CQWPX Contest. JI6KVR and JR6LRQ will be active from Kusagaki (IOTA AS67) on May 26 to 28. They will go to Amakusa (AS12) on July 13. Some F operators will use FQ2M for CQWPX CW (QSL to F5IN). For the Winter Olympics Games in 1992, F stations from department 73 will use the prefix HX from February 8 to 23, 1992 and the special station F92JO will be on the air. . . . Les Nouvelles DX

## FYI

The Electronics Museum ARC (EMARC) is maintaining weekly schedules with Bendigo, Australia and Syktyvkar, USSR, both Los Altos sister cities. Bendigo (90 Miles north of Melbourne) is at 0300Z and/or 0400Z Sundays (2000-2100 PDT Saturdays) on 28.490 MHz plus/minus QRM; we typically talk to Doug, VK3DJY. Syktyvkar attempt is at 0500Z Sunday (2200 PDT Saturday) on 14.3 MHz Plus QRM for 15 minutes, then 21.3 MHz plus QRM for 15 minutes and then repeat once more 14.3, 21.3 (total 1 hour). We try to raise club station UZ9XWG or club president Andrei Pervacov, UA9XC. Syktyvkar, 600 miles northeast of Moscow, so far has proven a very tough nut to crack. All NCDXC members are invited to join the fun. WA6UUT Arv is typically the QSO coordinator. de Omri, AA6TA

## HAWAII SOLAR ECLIPSE SPECIAL EVENT STATION

On July 11, 1991, the Big Island of Hawaii will experience a partial and total solar eclipse from 1630Z to 1837Z. Members of the Big Island ARC will man NH6ES from 0001Z to 2400Z on July 11. The station will be set up in the path of the eclipse at Puako, Hawaii. Look for NH6ES "Eclipse Station" in the novice part of the 10-meter band and in the general segments of the other HF bands. Special QSL cards to those contacting NH6ES. QSL to: BIARC, P.O. Box 1938, Hilo, HI 96721-1938.

Aloha from Paradise, KH6IJ

## More FYI

Notice: The FCC has announced that Amateurs must vacate the 220-222 MHz band on 0000 UTC on 28 August 1991. This follows the adoption of the Final Report and Order in PR Docket 89-552.

Money may not talk, but it sure occupies a lot of spectrum space. - Ed.

## CLASSIFIED

### WANTED (Standing Order)

Ideas for future club programs. Provide topic, contact name and telephone number. Forward to any club officer. Thank you. de W6TEX

### WANTED

Feature items for future DXer issues. One to two pages of text plus illustrations is the best size. If you don't come through, you will be faced with more ARRL Letter reprints. de K6ZX

AS YOU ARE AWARE, International Reply Coupons are not accepted in RSA. Please advise if you are interested in purchasing from me in lots of 200 and what price you would offer. Roger Davis ZS5L, Caldwell House, Caldwell Road, Durban 4001, South Africa.

## TRIVIA

An item that has nothing to do with radio, and you probably didn't really want to know anyway, but for what it is worth, the Chron reports that Dr. Mark McMahon, the Union St. dentist who doubles as a standup comic, performs at the National Sexuality Symposium at the Airport Hilton this weekend. He'll discuss nasal gratification: "Sneezing is better than sex. It's a mini-instant orgasm. You keep your clothes on, you don't get involved, you can do it in public and when you're done, perfect strangers bless you."

NORTHERN CALIFORNIA DX CLUB  
1991 ARRL INTERNATIONAL DX CONTEST RESULTS - FINAL  
SSB

SINGLE OPERATOR - NOT ASSISTED

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> | <u>BAND</u> |
|-------------|-------------|--------------|--------------------|--------------|-------------|
| KA6BIM      | 852         | 220          | 562,320            | OVER 200     |             |
| N6EK        | 973         | 168          | 490,392            | OVER 200     |             |
| K6HNZ       | 779         | 133          | 310,821            | OVER 200     |             |
| K6ITL       | 540         | 178          | 288,360            | OVER 200     |             |
| K6XV        | 541         | 138          | 223,974            | OVER 200     |             |
| K6HIH       | 531         | 117          | 186,381            | OVER 200     |             |
| AJ6V        | 26          | 17           | 1,326              | OVER 200     |             |

SINGLE OPERATOR - ASSISTED

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> |    |
|-------------|-------------|--------------|--------------------|--------------|----|
| N3AHA       | 2,133       | 313          | 2,002,887          | OVER 200     |    |
| W6BSY       | 1,076       | 249          | 830,772            | OVER 200     |    |
| N6CCL       | 676         | 267          | 541,476            | OVER 200     |    |
| AA6KX       | 648         | 233          | 452,952            | OVER 200     |    |
| N6ST        | 604         | 238          | 431,256            | OVER 200     |    |
| W6ISQ       | 750         | 190          | 427,500            | OVER 200     |    |
| N6JM        | 608         | 170          | 310,080            | 11-200       |    |
| N6IP        | 603         | 168          | 303,912            | OVER 200     |    |
| WX6M        | 952         | 100          | 285,300            | OVER 200     |    |
| K6DR        | 458         | 140          | 192,360            | OVER 200     |    |
| K6MA        | 310         | 117          | 108,810            | OVER 200     |    |
| NI6T        | 193         | 161          | 93,219             | OVER 200     |    |
| W6FAH       | 211         | 126          | 79,758             | OVER 200     |    |
| W6ZKM       | 197         | 92           | 54,372             | OVER 200     |    |
| KA6ING      | 160         | 62           | 29,760             | 11-200       | 28 |
| W6OAT       | 106         | 78           | 24,804             | OVER 200     |    |

MULTI OPERATOR SINGLE TRANSMITTER

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u>     |
|-------------|-------------|--------------|--------------------|------------------|
| W6QHS       | 2,244       | 349          | 2,349,468          | OVER 200+WN4KKN, |

MULTI OPERATOR TWO TRANSMITTERS

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> |
|-------------|-------------|--------------|--------------------|--------------|
| N6RO        | 3,620       | 419          | 4,550,340          | OVER 200     |

|                         |            |
|-------------------------|------------|
| TOTAL SSB CLUB SCORE    | 15,132,600 |
| TOTAL CW CLUB SCORE     | 12,451,755 |
| TOTAL CW/SSB CLUB SCORE | 27,584,355 |



NORTHERN CALIFORNIA DX CLUB  
1991 ARRL INTERNATIONAL DX CONTEST RESULTS - FINAL  
CW

SINGLE OPERATOR - NOT ASSISTED

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> | <u>BAND</u> |
|-------------|-------------|--------------|--------------------|--------------|-------------|
| N6TV        | 1,848       | 306          | 1,696,464          | OVER 200     |             |
| N6EK        | 1,165       | 210          | 733,950            | OVER 200     |             |
| W6NKR       | 534         | 169          | 270,738            | OVER 200     |             |
| KA6BIM      | 307         | 174          | 160,254            | OVER 200     |             |

SINGLE OPERATOR - ASSISTED

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> |    |
|-------------|-------------|--------------|--------------------|--------------|----|
| AD6E        | 620         | 222          | 412,920            | OVER 200     |    |
| N6IP        | 559         | 203          | 340,431            |              |    |
| K6MA        | 526         | 192          | 302,976            | OVER 200     |    |
| N6ST        | 402         | 245          | 295,470            | OVER 200     |    |
| W6BIP       | 422         | 222          | 281,052            | OVER 200     |    |
| W6ISQ       | 439         | 169          | 222,573            | OVER 200     |    |
| W6BSY       | 554         | 89           | 147,918            | OVER 200     | 21 |
| W6WB        | 339         | 130          | 132,210            | OVER 200     |    |
| K6DR        | 303         | 112          | 101,808            | OVER 200     |    |
| N3AHA/6     | 191         | 102          | 58,446             | OVER 200     |    |
| W6FAH       | 125         | 84           | 31,500             | OVER 200     |    |
| KD6AZ       | 127         | 72           | 27,432             |              |    |
| NI6T        | 77          | 64           | 14,784             |              |    |
| WX6M        | 77          | 47           | 10,857             | OVER 200     |    |
| KI6YE       | 40          | 14           | 1,680              | OVER 200     |    |

MULTI OPERATOR SINGLE TRANSMITTER

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u>   |
|-------------|-------------|--------------|--------------------|----------------|
| W6QHS       | 2,232       | 384          | 2,571,264          | OVER 200       |
| N6RO        | 2,075       | 329          | 2,048,025          | OVER 200       |
| W6OAT       | 479         | 229          | 329,073            | OVER 200+W6SZN |

MULTI OPERATOR TWO TRANSMITTERS

| <u>CALL</u> | <u>QSOs</u> | <u>MULTs</u> | <u>TOTAL SCORE</u> | <u>POWER</u> |
|-------------|-------------|--------------|--------------------|--------------|
| WZ6Z        | 2,122       | 355          | 2,259,930          | OVER 200     |

TOTAL CW CLUB SCORE 12,451,755



# NCDXC WAZ-LADDER

| CALL   | WAZ |     | 5 BAND WAZ |      |     |     |     |     |      | OTHER ZONES |     |     |     | WPX   |       |     |
|--------|-----|-----|------------|------|-----|-----|-----|-----|------|-------------|-----|-----|-----|-------|-------|-----|
|        | MIX | PH. | CW.        | -10m | 15m | 20m | 40m | 80m | 160m | 12m         | 17m | 30m | 06m | -MIX- | -PH.- | -C- |
| W6TUI  |     | 40  |            | 30   | 33  | 40  | 29  | 26  |      |             |     |     |     |       |       |     |
| K6UD   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| WB6UOM | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| AJ6V   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| K6WD   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| KI6WF  | 40  | 40  | 2          | 39   | 40  | 40  | 27  | 22  | 2    |             |     |     |     |       |       |     |
| WB6WKM | 40  | 40  |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| KE6WL  | 39  | 38  |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| K6WR   | 40  | 40  |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| K6XM   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| K6XT   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| KD6XY  | 40  | 40  | 24         | 28   | 34  | 37  | 6   | 2   |      |             |     |     |     |       |       |     |
| KR7Y   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| W6YVK  | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| AA6Z   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| WZ6Z   | 40  | 40  |            | 35   | 37  | 39  | 37  | 30  |      |             |     |     |     |       |       |     |
| W6ZKM  |     | 40  |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| W6ZM   | 40  | 40  |            |      |     |     |     |     |      |             |     |     |     |       |       |     |
| K6ZX   | 40  |     |            |      |     |     |     |     |      |             |     |     |     |       |       |     |

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de Larry, KD6XY (06-91)

# NCDXC DX-LADDER

| CALL     | HONOR ROLL |     |     | DXCC |     |     | 5 BAND DXCC |     |     |     |     | OTHER BANDS |     |     |     |     |
|----------|------------|-----|-----|------|-----|-----|-------------|-----|-----|-----|-----|-------------|-----|-----|-----|-----|
|          | -MIX       | PH. | CW. | -MIX | PH. | CW. | -10m        | 15m | 20m | 40m | 80m | 160m        | -6m | 12m | 17m | 30m |
| 6AD      |            |     |     | 271  | 181 | 252 | 109         | 176 | 258 | 54  |     |             |     |     |     |     |
| W6AED    |            |     |     |      | 325 |     |             | 100 | 100 |     |     |             |     |     |     |     |
| W6AEO    |            |     |     |      | 241 |     |             |     |     |     |     |             |     |     |     |     |
| N3AHA    |            |     |     | 238  | 217 | 111 | 91          | 133 | 168 | 39  | 14  |             |     |     |     |     |
| WA6AHF   |            | 319 |     |      | 338 |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| WG6AM    |            |     |     | 300  | 282 | 194 | 168         | 223 | 253 | 45  | 27  |             |     |     |     |     |
| N6AN     | 318        |     |     | 339  | 288 | 287 | 281         | 281 | 307 | 177 | 118 |             | 68  | 100 | 41  |     |
| K6ANP    |            |     |     | 316  | 199 | 211 | 133         | 144 | 199 | 110 | 105 |             |     |     |     |     |
| KA6BIM   |            |     |     | 196  | 190 | 59  | 108         | 131 | 141 | 33  | 8   |             |     |     |     |     |
| W6BJH    | 311        |     |     | 327  | 192 | 282 | 120         | 117 | 187 | 117 | 100 |             |     |     |     |     |
| WA6BSS   |            |     |     | 290  | 290 | 2   | 131         | 164 | 241 | 52  | 21  |             |     |     |     |     |
| W6BSY    | 321        | 321 |     | 365  | 359 |     |             |     |     |     |     |             |     |     |     |     |
| KB6BW    |            |     |     |      | 251 | 2   | 89          | 89  | 151 | 26  | 2   |             |     |     |     |     |
| K6BWX    |            |     |     | 225  | 1   | 224 |             |     |     |     |     |             |     |     |     |     |
| W6CF     | 315        |     |     | 342  | 294 | 185 | 204         | 239 | 306 | 178 | 138 |             |     |     |     |     |
| W6CTL    |            |     |     | 330  | 3   | 266 | 190         | 182 | 327 | 93  | 11  |             |     |     |     |     |
| WB6CUA   | 319        | 315 | 308 | 327  | 304 | 294 | 100         | 100 | 100 | 100 | 96  |             |     |     |     |     |
| WW6D     |            |     |     | 215  | 108 | 193 | 62          | 118 | 165 | 83  | 37  |             |     |     |     |     |
| K6DC     | 315        |     |     | 359  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6DPD    |            |     |     | 317  | 317 |     |             |     |     |     |     |             |     |     |     |     |
| K6DR     |            |     |     | 248  |     |     |             |     |     |     |     |             |     |     |     |     |
| K6DT     | 312        | 307 |     | 340  | 320 | 293 | 229         | 251 | 328 | 153 | 121 |             |     |     |     |     |
| W6DU     | 312        |     |     | 331  | 282 | 302 | 212         | 237 | 302 | 152 | 103 |             |     |     |     |     |
| NQ6E     |            |     |     | 240  |     | 207 | 116         | 127 | 196 | 136 | 118 |             |     |     |     |     |
| WD6EKR   |            |     |     |      | 308 |     | 190         | 250 | 298 | 95  | 76  |             |     |     |     |     |
| WD6EKR/M |            |     |     |      | 248 |     | 81          | 199 | 153 | 2   | 2   |             |     |     |     |     |
| W6ERS    | 321        |     |     | 351  |     |     |             |     |     |     |     |             |     |     |     |     |
| KC6ESL   |            |     |     | 141  | 141 |     | 141         |     |     |     |     |             |     |     |     |     |
| W6ETR    |            |     |     |      |     | 237 |             |     |     |     |     |             |     |     |     |     |
| WB6EXW   |            |     |     | 303  |     |     | 100         | 100 | 100 | 50  | 11  |             |     |     |     |     |
| W6FAH    |            |     |     |      | 307 | 249 | 208         | 224 | 209 | 150 | 141 |             |     |     |     |     |
| K6FD     |            |     |     | 296  | 271 |     |             |     |     |     |     |             |     |     |     |     |
| W6FGD    |            |     |     | 330  | 275 | 289 |             |     |     |     |     |             |     |     |     |     |
| K6FO     |            |     |     | 277  | 185 | 239 | 134         | 164 | 235 | 125 | 102 |             |     |     |     |     |
| KB6G     |            |     |     | 253  |     | 229 |             |     |     |     |     |             |     |     |     |     |
| W6GC     |            |     |     | 225  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6GF     | 314        |     |     | 319  |     |     | 70          | 120 | 210 | 293 | 170 |             |     |     |     |     |
| WB6GFJ   |            |     |     | 101  | 300 | 70  | 161         | 192 | 246 | 105 | 50  |             |     |     |     |     |
| N6GG     |            |     |     | 301  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6GO     | 320        | 320 | 314 | 332  | 332 | 319 | 262         | 292 | 317 | 245 | 210 |             |     |     |     |     |
| K5GOE    |            |     |     | 315  | 307 |     | 194         | 100 | 100 | 100 | 90  |             |     |     |     |     |
| WA6HAT   | 312        |     |     | 320  |     | 243 |             |     |     |     |     |             |     |     |     |     |
| K6HHD    | 312        |     |     | 316  | 311 | 23  | 209         | 176 | 223 | 43  | 40  |             |     |     |     |     |
| K6HNZ    |            |     |     |      | 290 |     | 209         | 242 | 254 | 125 | 107 |             |     |     |     |     |
| N6HR     | 308        |     |     | 329  | 315 |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| W6HXW    |            | 323 |     |      | 323 |     |             |     |     |     |     |             |     |     |     |     |
| WC6I     |            |     |     | 305  |     |     | 173         | 181 | 236 | 175 | 74  |             |     |     |     |     |
| W1ICU    |            | 316 |     |      | 335 |     |             |     |     |     |     |             |     |     |     |     |
| KA6ING   |            |     |     | 229  |     |     | 228         |     |     |     |     |             | 43  |     |     |     |
| W6ISQ    | 315        | 312 |     | 348  | 331 | 207 | 279         | 189 | 219 | 122 | 254 |             |     |     |     |     |
| KN6J     |            |     |     |      |     |     |             |     |     |     | 100 |             |     |     |     |     |
| W6JD     |            |     |     | 322  | 218 | 298 |             |     |     | 184 |     |             |     |     |     |     |
| N6JM     |            |     |     | 298  | 287 | 242 | 204         | 228 | 263 | 120 | 87  | 17          |     |     |     |     |
| N6JV     | 322        |     |     | 330  | 298 | 320 | 257         | 248 | 298 | 251 | 204 | 71          |     | 94  | 112 | 101 |
| W6JZU    | 312        |     |     | 328  |     |     | 75          | 115 | 255 | 22  | 12  |             |     |     |     |     |
| W6KG     | 314        |     |     | 352  | 290 | 108 | 161         | 193 | 210 | 169 | 105 |             |     |     |     |     |
| W6KH     | 323        |     |     | 362  |     |     |             |     |     |     |     |             |     |     |     |     |
| K6KLY    |            |     |     | 306  | 306 | 9   | 198         | 183 | 190 | 125 | 90  |             |     |     |     |     |
| W6KNH    | 319        | 319 |     | 339  | 339 |     |             |     |     |     |     |             | 61  |     |     |     |
| W6KOE    |            | 322 |     |      | 341 |     |             |     |     |     |     |             |     |     |     |     |
| W6KQK    |            |     |     | 310  | 295 | 287 | 243         | 278 | 299 | 152 | 118 |             |     |     |     |     |
| K6KON    |            |     |     | 265  | 260 |     |             |     |     |     |     |             |     |     |     |     |
| AI6L     |            |     |     | 304  |     |     |             |     |     |     |     |             |     |     |     |     |
| NB6L     |            |     |     | 322  | 227 | 181 | 108         | 114 | 191 | 69  | 73  |             |     |     |     |     |
| WA8LLY   |            |     |     | 270  | 252 | 225 | 204         | 224 | 223 | 80  | 18  |             | 47  | 59  |     |     |
| K6LM     | 316        | 312 | 307 | 321  | 316 | 309 | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| K6LOA    | 320        |     |     | 338  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6LOC    | 320        | 320 |     | 337  | 337 | 67  | 100         | 100 | 100 | 51  | 87  |             |     |     |     |     |
| K6LRN    |            |     |     | 290  | 180 | 204 |             |     |     |     |     |             |     |     |     |     |
| WX6M     | 314        | 314 |     | 318  | 318 | 119 | 154         | 158 | 196 | 115 | 103 | 17          |     |     |     |     |
| WX6M     | 321        | 321 |     | 326  | 326 | 137 | 164         | 165 | 204 | 127 | 108 | 17          |     |     |     |     |
| MA       | 322        | 314 |     | 353  | 330 | 306 | 230         | 235 | 255 | 135 | 50  |             |     |     |     |     |
| W8MEP    |            |     |     | 311  |     |     | 100         | 100 | 100 | 41  | 27  |             |     |     |     |     |
| W6MUR    | 324        |     |     | 361  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6NA     |            |     |     |      |     | 271 | 140         | 190 | 251 | 192 | 109 |             |     |     |     |     |

# NCDXC DX-LADDER

| CALL   | HONOR ROLL |     |     | DXCC |     |     | 5 BAND DXCC |     |     |     |     | OTHER BANDS |     |     |     |     |
|--------|------------|-----|-----|------|-----|-----|-------------|-----|-----|-----|-----|-------------|-----|-----|-----|-----|
|        | -MIX       | PH. | CW. | -MIX | PH. | CW. | -10m        | 15m | 20m | 40m | 80m | 160m        | -6m | 12m | 17m | 30m |
| W6NKR  |            |     |     | 289  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6NLG  | 318        | 318 |     | 322  | 311 | 100 | 100         | 100 | 26  | 6   |     |             |     |     |     |     |
| K6NM   |            |     |     | 300  | 200 | 191 | 100         | 135 | 258 | 152 | 34  |             |     |     |     |     |
| W6NPY  |            |     |     | 324  | 200 | 265 | 200         | 200 | 200 | 178 | 139 |             |     |     |     |     |
| N6NXV  |            |     |     | 258  | 258 | 29  | 140         | 152 | 166 | 45  | 10  |             |     |     |     |     |
| WA6O   |            |     |     | 217  |     |     | 88          | 50  | 123 | 2   | 16  |             |     |     |     |     |
| W6OAT  |            |     |     | 341  | 314 | 308 | 249         | 280 | 316 | 255 | 184 |             |     |     |     |     |
| N6OC   |            |     |     | 303  | 300 |     |             |     |     |     |     |             |     |     |     |     |
| WA6OEY |            |     |     | 227  |     |     | 71          | 60  | 170 | 20  | 8   |             |     |     |     |     |
| N6OJ   |            |     |     | 329  | 275 | 105 |             |     |     |     |     |             |     |     |     |     |
| K6OJO  | 312        | 311 |     | 328  | 327 |     | 187         | 250 | 309 | 17  | 12  |             |     |     |     |     |
| W6OSP  | 321        |     |     | 321  |     |     |             |     |     |     |     |             |     |     |     |     |
| WB6OTB |            |     |     | 291  |     |     |             |     |     |     |     |             |     |     |     |     |
| K6OZL  |            |     |     | 332  |     |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| WG6P   |            |     |     | 306  | 317 | 305 | 184         | 210 | 303 | 207 | 118 | 12          |     | 3   | 6   | 1   |
| W6PHF  | 350        | 336 |     | 318  |     |     |             |     |     |     |     |             |     |     |     |     |
| K6PKO  |            |     |     | 308  | 301 |     | 270         | 175 | 185 | 97  | 112 |             |     |     |     |     |
| K6PU   | 321        | 320 |     | 351  | 336 | 290 | 200         | 200 | 300 | 200 | 100 |             |     |     |     |     |
| AG6Q   |            |     |     | 318  | 299 | 222 | 141         | 172 | 229 | 129 | 110 |             |     |     |     |     |
| KB6Q   |            |     |     | 294  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6QL   | 315        |     |     | 337  | 263 | 69  | 114         | 161 | 201 | 111 | 103 |             |     |     |     |     |
| WN6R   |            |     |     |      | 317 | 167 |             |     | 1   | 130 | 130 |             |     |     |     |     |
| WR6R   |            |     |     | 303  | 293 |     |             |     |     |     |     |             |     |     |     |     |
| N6RC   |            |     |     | 213  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6RJ   | 316        |     |     | 345  |     |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| K6RK   | 320        |     |     | 332  | 319 | 303 | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| K6RQ   | 317        |     |     | 354  |     |     | 91          | 182 | 285 | 126 | 71  |             |     |     |     |     |
| N6RR   |            |     |     | 289  |     |     | 116         | 210 | 176 | 129 | 88  |             |     |     |     |     |
| K6RUW  |            |     |     | 270  | 242 | 120 | 100         | 100 | 100 |     |     |             |     |     |     |     |
| DJ6RX  | 315        |     |     | 336  |     |     | 215         | 271 | 303 | 227 | 185 |             |     |     |     |     |
| AF6S   |            |     |     | 312  |     | 301 | 247         | 262 | 286 | 192 | 128 |             |     |     |     |     |
| K6SIK  |            |     |     | 286  | 282 | 140 | 183         | 186 | 262 | 128 | 120 |             |     |     |     |     |
| WA6SLO |            | 314 |     |      | 319 |     | 270         | 292 | 318 | 211 | 208 | 6           |     |     |     |     |
| N6ST   | 319        |     |     | 327  | 304 | 244 | 192         | 217 | 289 | 137 | 68  | 2           |     |     |     | 2   |
| W6SYL  |            |     |     |      |     | 245 |             |     |     |     |     |             |     |     |     |     |
| W6TC   | 324        |     | 321 | 336  |     | 321 | 225         | 225 | 270 | 240 | 170 |             |     |     |     |     |
| W6TER  |            |     |     | 269  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6TEX  |            |     |     | 314  |     | 284 | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| K6TMB  |            |     |     | 308  | 304 | 248 | 215         | 245 | 292 | 140 | 116 |             |     |     |     |     |
| WA6TOO |            |     |     | 251  |     |     | 58          | 84  | 167 | 6   | 6   |             |     |     |     |     |
| W6TPH  |            |     |     | 272  | 238 | 187 | 141         | 181 | 172 | 110 | 100 |             |     |     |     |     |
| W6TSQ  |            |     |     | 350  |     |     | 277         | 300 | 300 | 307 | 254 |             |     |     |     |     |
| W6TUI  |            |     |     | 275  | 274 |     | 109         | 125 | 187 | 125 | 116 |             |     |     |     |     |
| K6UD   | 308        |     |     | 318  | 306 | 207 | 240         | 244 | 244 | 176 | 147 |             |     |     |     |     |
| WB6UOM |            |     |     | 300  |     |     |             |     |     |     |     |             |     |     |     |     |
| W6UR   |            |     |     | 264  | 159 | 158 |             |     |     |     |     |             |     |     |     |     |
| K4UVT  |            |     |     | 287  | 208 | 97  | 31          | 70  | 275 | 53  | 7   |             |     |     |     |     |
| AJ6V   | 315        |     |     | 322  | 232 | 263 | 151         | 168 | 255 | 135 | 62  | 6           |     |     |     |     |
| K6WD   | 312        |     |     | 325  |     | 272 | 100         | 100 | 100 | 100 | 65  |             |     |     |     |     |
| KI6WF  |            |     |     | 300  | 300 | 2   | 225         | 270 | 294 | 143 | 62  | 2           |     |     |     |     |
| WB6WKM |            |     |     | 311  | 100 | 100 | 100         | 100 | 100 | 100 | 63  |             |     | 10  |     |     |
| KE6WL  |            |     |     | 219  | 211 | 153 | 120         | 166 | 185 | 83  | 32  | 4           |     |     |     |     |
| K6WR   | 322        | 322 |     | 354  | 354 |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| WA9WYB |            |     |     | 310  | 298 | 174 | 100         | 100 | 100 | 100 | 76  |             |     |     |     |     |
| KK6X   |            |     |     | 281  | 227 | 255 |             |     |     |     |     |             |     |     |     |     |
| NG6X   |            |     |     | 250  |     |     |             |     |     |     |     |             |     |     |     |     |
| NQ6X   |            |     |     | 312  | 309 |     | 100         | 100 | 100 | 94  | 96  |             |     |     |     |     |
| W7XA   |            |     |     | 325  |     |     | 277         | 298 | 309 | 174 | 137 |             |     |     |     |     |
| K6XM   |            |     |     | 267  | 209 | 222 | 163         | 179 | 246 | 144 | 68  |             |     |     |     |     |
| W6XP   | 321        | 321 |     | 337  | 337 |     |             |     |     |     |     |             |     |     |     |     |
| K6XT   | 312        |     |     | 327  |     | 160 | 100         | 100 | 100 | 100 | 99  |             |     |     |     |     |
| KD6XY  |            |     |     | 306  | 289 | 54  | 124         | 137 | 226 | 8   | 3   |             |     |     |     |     |
| KR7Y   |            |     |     | 301  | 271 | 267 | 149         | 184 | 249 | 142 | 126 |             |     |     |     |     |
| W6YVK  |            |     |     |      | 251 |     | 160         | 198 | 173 | 56  | 42  |             |     |     |     |     |
| AA6Z   |            |     |     | 317  |     |     |             |     |     |     |     |             |     |     |     |     |
| WZ6Z   |            |     |     | 305  |     |     | 202         | 217 | 277 | 204 | 124 | 14          |     |     |     |     |
| W6ZKM  |            | 311 |     |      | 333 |     | 100         | 100 | 100 | 100 | 100 |             |     |     |     |     |
| W6ZM   | 322        | 322 |     | 357  | 352 |     | 130         | 142 | 317 | 52  | 111 |             |     |     |     |     |
| WB6ZUC |            |     | 314 | 326  |     | 325 | 187         | 248 | 301 | 158 | 107 |             |     |     |     |     |
| K6ZX   | 316        |     | 307 | 328  |     | 312 |             |     |     |     |     |             |     |     |     |     |

de Larry, KD6XY (06-91)

## 7-101 NCDXC Marathon DX Contest

a. Annually, the club will sponsor a marathon DX contest. The objective is for the participants to work as many different DX countries as possible during the contest period.

b. The contest is limited to club members residing within the club geographical boundaries defined as Northern California, from the Oregon border to the Tehachapis.

c. The honor system will be used to report countries worked. No QSLs or other written verification will be required.

d. The contest categories are PHONE, CW and MIXED mode. Members may submit for only one category. To qualify for the mixed mode, the entrant must work at least 25% of the countries on either phone or cw. A country may only be counted once, regardless of band.

e. A member is eligible to win a given category only once every three years.

f. The contest will commence at 0001 UTC, 1 June and end at 2359 UTC, 31 August.

g. Call signs representing stations worked during the Marathon DX Contest period and other required information shall be compiled on NCDXC Form B-105C, and submitted to the contest chairman before October 1st.

h. The contest chairman shall check contest logs to assure:

1. Compliance with the rules as set forth herein.

2. Countries claimed are valid in accordance with the ARRL countries list.

3. Duplicate countries are not claimed.

i. The contest chairman will advise the editor of the club publication the scores and standings of all participants.

j. The editor, upon receipt, will publish the contest results in the next available issue of the club publication.

k. Winners in each category will be awarded a plaque. Second and third place entrants will be awarded a special certificate. Other entrants who work 100 or more countries will receive a participation certificate.

1. Plaques and certificates shall be presented at the next scheduled club meeting immediately after the contest results are known.

NORTHERN CALIFORNIA DX CLUB MARATHON CONTEST JUNE 1 TO AUG 31 19\_\_\_.  
 MODE: PHONE \_\_\_ CW \_\_\_ MIXED \_\_\_ circle or highlight phone Q80s

|       |         |       |            |       |  |
|-------|---------|-------|------------|-------|--|
| A2    | FW      | KP1   | TN         | XU    | 4X   |
| A3    | FY      | KP2   | TR         | XW    | 5A   |
| A4    | G       | KP4   | TT         | XX9   | 5B   |
| A5    | GD      | KP5   | TU         | XZ    | 5H   |
| A6    | GI      | KX6   | TY         | Y     | 5N   |
| A7    | GJ      | LA    | TZ         | YA    | 5R   |
| A9    | GM      | LU    | UAED       | YB    | 5T   |
| AP    | GU      | LX    | UAFJL      | YI    | 5U   |
| BV    | GW      | LZ    | UA2F       | YJ    | 5V   |
| BY    | H4      | OA    | UAAS       | YK    | 5W   |
| C2    | HA      | OD    | UB         | YN    | 5X   |
| C3    | HB      | OE    | UC         | YO    | 5Z   |
| C5    | HBO     | OH    | UD         | YS    | 6W   |
| C6    | HC      | OH0   | UF         | YU    | 6Y   |
| C9    | HCB     | OJO   | UG         | YV    | 70   |
| ANT   | HH      | OK    | UH         | YVO   | 7P   |
| CEOEI | HI      | OM    | UI         | Z2    | 7Q   |
| CEOSF | HK      | OX    | UJ         | ZA    | 7X   |
| CEOJF | HKOM    | OY    | UL         | ZB    | 8P   |
| CM    | HKOSA   | OZ    | UM         | ZC4   | 8Q   |
| CN    | HL      | P2    | UO         | ZD7   | 8R   |
| CP    | HP      | P4    | UP         | ZD8   | 9G   |
| CT    | HR      | PA    | UQ         | ZD9   | 9H   |
| CT8   | HS      | PJ2   | UR         | ZF    | 9J   |
| CU    | HV      | PJ5   | V2         | ZK1S  | 9K   |
| CX    | HZ      | PY    | V8         | ZK1M  | 9L   |
| CYOS  | I       | PYOF  | V4         | ZK2   | 9M2  |
| CYOSP | IS      | PYOSP | V8         | ZK3   | 9M6  |
| D2    | J2      | PYOT  | VE         | ZL    | 9N   |
| D4    | J3      | PZ    | VK         | ZL7   | 9Q   |
| D6    | J5      | S2    | VKLHI      | ZL8   | 9U   |
| DL    | J6      | S7    | VK9WI      | ZL9   | 9V   |
| DU    | J7      | S9    | VK9CK      | ZP    | 9X   |
| EA    | J8      | S0    | VK9MR      | Z9    | ZS1- 9Y  |
| EA6   | JA      | SM    | VK9CI      | ZS2M  | J2/A   |
| EA8   | JDMT    | SP    | VK9MI      | ZS8   |  |
| EA9   | JDO     | ST    | VK0HI      | 1A0   |  |
| EI    | JT      | 8T0   | VK0MI      | 1S    |  |
| EL    | JW      | 8U    | VP2E       | 3A    |  |
| EP    | JX      | SV    | VP2M       | 3B6   |  |
| ET    | JY      | SV5   | VP2V       | 3B8   |  |
| F     | K, W, N | SV9   | VP5        | 3B9   | COUNTRIES WORKED:                                |
| FT8W  | KC6E    | SV/A  | VP8F       | 3C    |  |
| FT8X  | KC6W    | T2    | VP8G       | 3C0   | PHONE: _____                                     |
| FT8Z  | KG4     | T30   | VP80       | 3D2   | 3D2CR-   |
| FG    | KH1     | T31   | VP8SA      | 3D2RI | CW: _____  |
| F8    | KH2     | T32   | T33- VP8SH | 3D6   |  |
| FH    | KH3     | T5    | VP9        | 3V    | MIXED: _____                                     |
| FK    | KH4     | T7    | VQ9        | 8W    |  |
| FM    | KH5     | TA    | VR6        | 8X    | SUBMITTED BY: _____                              |
| FOC   | KH5K    | TF    | VS6        | 3YB   |  |
| FO    | KH6     | TG    | VU         | 3YP   | NAME: _____                                      |
| FP    | KH7     | TI    | VU4A       | 4J    |  |
| FRG   | KH8     | T19   | VU7L       | 4S    | CALL: _____                                      |
| FRJ   | KH9     | TJ    | XE         | 4U1TU |  |
| FRR   | KH0     | TK    | XF4        | 4U1UN | MAIL RESULTS TO CONTEST CHAIRMAN BEFORE OCT. 1ST |
| FRT   | KL7     | TL    | XT         | 4W    |  |

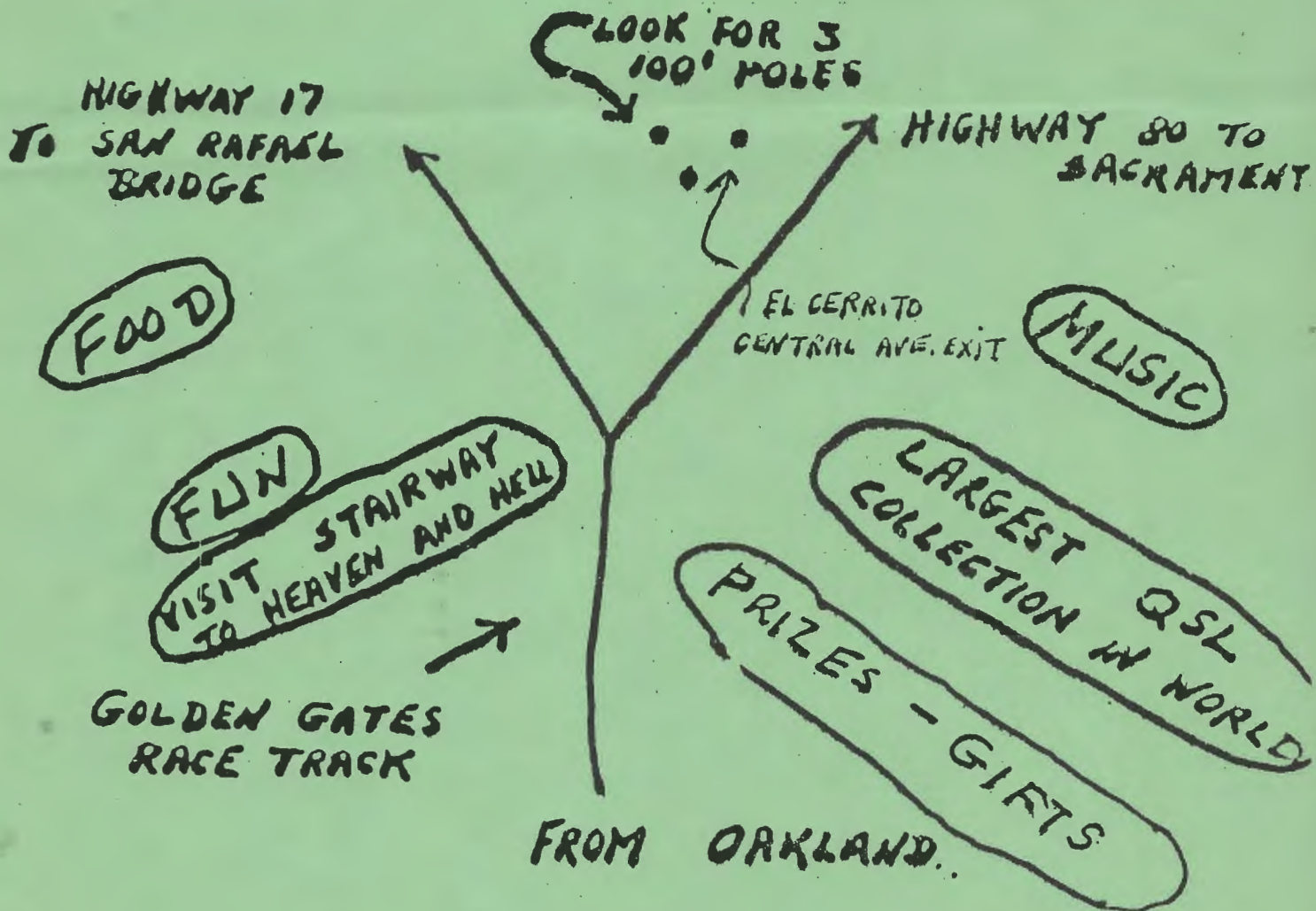
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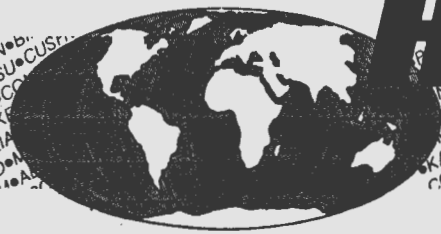
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