# The Northern California DX Club, Inc. The DXer

JULY 1983

VOLUME XXVII

NUMBER 7

#### THE JULY MEETING

DATE:

Friday, July 8, 1983

TIME:

6:30 Cocktails

7:30 DINNER

PLACE:

Harry's Hofbrau, in PALO ALTO -- take the

Embarcadero turn-off toward Palo Alto Airport.

PROGRAM:

David Hillman, N6AUS - Slide show and talk on

his South East Asia and Singapore trip.

SUPER RAFFLE

IC-2AT, Daiwa SWR/Power Meter & Daiwa Coax Switch

#### FINAL WORDS

As this is the last DXer during my term as President, I'D very much like to thank the great many people who did all the work. I started to mention names and calls in a previous version of this column and due to its length gave it up. The list is almost as long as the roster. That in itself is significant. It shows that many of the members are active participants in club affairs and give freely of their time and talents to help maintain our position as the "Top DX Club in the World." - As we sometimes wistfully and euphemistically categorize it. My thanks to you all for what has been a good year for the club and a pleasant, interesting, and busy year for me.

When I talked to N6BLN about the DXer I told him he would not want for interesting, timely, DX oriented articles. In recent discussions with Lyle he mentioned that he had some concern that there was a lack of topical DX information in our publication. If you have information about impending DXpeditions; perhaps even planning one yourself; have interesting scuttlebutt or have novel ideas or theories on DX related matters or topics, PLEASE PASS THEM ON TO HIM.

73 de W6DU

## ANNOUNCING

NEW 1983-1984 NCDXC OFFICERS

This year's officers:

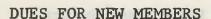
PRESIDENT VICE PRES SECRETARY TREASURER CHUCK PATTERSON K6RK
LOU BEAUDET K6TMB
JOSEPHINE CLARKE WB6ZUC
DICK LETRICH WB6WKM

#### DUES ARE DUE

Coffer replenishment time is here again. Keeper of the coins WB6WKM, reminds us all that a mere \$12.50 will renew your full membership in the number one DX Club. All NEW members are also reminded to pay the \$12.50 as their initial dues payment was pro-rated. Absentee membership is \$6.25.

Mail to:

Dick Letrich WB6WKM 3686 Kirk Road San Jose, CA 95124



Many of our new members submit the wrong amount of money with their membership application. Note the following when assisting or advising prospective members.

| Quarter | Init Fee | Badge | Dues  | Total |
|---------|----------|-------|-------|-------|
| Jul-Sep | 5.00     | 6.00  | 12.50 | 23.50 |
| Oct-Dec | 5.00     | 6.00  | 9.38  | 20.38 |
| Jan-Mar | 5.00     | 6.00  | 6.25  | 17.25 |
| Apr-Jun | 5.00     | 6.00  | 3.13  | 14.13 |

#### SPECIAL BULLETIN

The Oakland Police Department ask that all Radio Amateurs be on the look out for the following stolen transceivers:

2 - TS-930S Serial numbers 3090176 & 3090187

9 - TS-430S Serial numbers 3100530, 3100476, 3100462, 3100548 3100577, 3100664, 3100675, 3100727, & 3100620 These transceivers were stolen from HRO in Oakland between May 28 & 29.

These transceivers were stolen from HRO in Oakland between May 28 & 29 Anyone having information regarding these items are asked to contact; Sgt Bill Holmes, Burglary Section, Oakland PD, (415) 273-3373. BEWARE of the "ONE TIME GOOD DEAL" on any of these types of units.

#### HONORARY MEMBERSHIP

The NCDXC is please to announce the following Honorary Memberships:

JA1BK

Kan Mizoguchi Central PO Box 231 Tokyo 100-91 Japan K5YY

Dr San Hutson P.O. Box 5299 Little Rock, Ark. 72215

#### MINUTES OF THE BOD MEETING - JUNE 7, 1983

The meeting was convened at W6VG's home, with W6VG, K6DC, K6UD, K6RK, W6TPH, W6DU, and WB6ZUC attending. W6DU, Eric, opened the meeting at 7:15pm, June 7, 1983 with W6TPH presenting his final report as Chairman of the 1983 DX convention. The bottom line is that we made \$2515 after expenses for a super convention. Bill prepared an itemized balance sheet compiled from reports from each of his committee members and this will be a great help in planning the 1985 convention. Kudos to K6FO for publicity; K6TMB for food & drink; W6GO & K6HHD for speakers; AA6AD for prizes; N6ST for registration; K6ANP for the Redwood Empire DX Assoc's help; WA6VEF for video tape; and W6ZYC for audio-visual. We are proud to have that kind of talented help in the club.

There was agreement that the awards part of the convention program drags, so it was recommended that only the club award for DXer of the Year and the 3 perpetual trophies be handed out at the convention in

the future.

Eric, W6DU, said there will be a final meeting of the BoD on 11

July to clean up details of his presidential year.

K6UD gave a brief report on jamming. We need more logs for records. Please contribute and do your part. The board voted to allocate \$2100 to RF equipment and private detective work and this amount will be reduced by any contributions marked for the jamming fund. This requires the authorization from membership to spend \$1600.

K6DC presented the logo design in various colors for our choice. It was voted that 300 be ordered. They will be sold to members to recover

the costs.

After discussion it was recommended we give the money for the Dave Baker award to CQ (CQ WW award) and not buy our own plaque since they supply the logo and we would be duplicating the plaque.

It was decided that the meeting Friday evening that ballots be handed out to each member of the club if there is more than 1 candidate for

that office.

W6VG declined to serve on the ethics committee for HF.

W6GO's report on the ethics committee for VHF will be held over to

the next meeting due to his absence.

K6RK presented a forecast for the 1983/84 budget. Operating income does not quite cover operating expenses. A short fall of several hundred dollars is expected. Due to the healthy surplus in the treasury augmented by the convention income it was decided not to recommend a dues increase at this time. Recent increase in badge costs make it necessary to again raise the price of a badge to \$6.00 at this time.

It is estimated that new rosters this fall will cost \$250.

Merle, K6DC, has agreed to write a solicitation letter for funds to

be used for the jamming fund.

Fred Laum's offer to submit ideas for the W6's and JA's to get through to Malpelo was noted. K6UD has already sent a letter to them from the foundation. KR6O and W6QHS were appointed to a committee to recommend ideas and W6TPH was appointed to suggest propagation ideas.

W6NLG was approved for Life Membership. The meeting was adjourned

at 9:30pm.

Respectfully submitted, Josephine Clarke, WB6ZUC

#### MINUTES OF THE JUNE NCDXC MEETING

The June meeting of the NCDXC was held in Palo Alto at Harry's Hof Brau on June 10 and called to order by W6DU, at 7:40pm.

Guests this evening were F6EPN, KE6ZE, KA6PKW, K6EWM and W6DSL.

The slate of officers submitted by the nominating committee headed by W6SC was: Pres. K6RK, Vice Pres. K6TMB, Sec. WB6ZUC, and Treas. WB6WKM. KR6O was nominated from the floor for Treasurer. The following officers were elected: President, K6RK - Vice President, K6TMB - Secretary, WB6ZUC Treasurer, WB6WKM

Eric announced that W6ISQ has been told by JA1BK that XU, Kampuchea,

may get on the air soon.

K6DC announced that logo pins have been ordered and will take about six

weeks for deliver.

AA6AD requested and it was approved that we send a thank you letter to SRG (Radio Club of Yugoslavia) for their aid in putting 9N1MM and BY1PK on the air.

K6SSJ proposed JA1BK and K5YY for honorary membership (which costs the club about \$10 a year to mail the bulletin). Both were approved. W6MUR suggested the Board of Directors consider at the next meeting how many of these per year might be allowed in view of the cost. The board will research and come up with a procedure. KR60 suggested DJ6SI for honorary membership and was requested to write a supporting letter which will be

considered after the above research is accomplished.

WA6VEF, Gary Caldwell, gave a talk on "Meet the NCDXC People", the video film he made for the convention. He got permission from the George Slaughter labe in Hollywood where his father produces "Real People", to use their lab and equipment. It took him 14 weeks to shoot the film showing the stations and antennas of the following members: W6BIP, W6QHS, and KA6HSM, W6KH (who simulated a contact with Albania and put it on 2 meters for the club!), W6DU, N6RO, W6RGG, WB6ZUC, K6ANP and N6DCJ, W6GO and K6HHD, K6FO, KB6OZ, A16V, K6ERS and W6RQ. Gary's explanation of the special effects techniques and the work which went into this video tape was most interesting. A viewing of the tape followed.

Eric announced that the annual dues of \$12.50 are due as of 1 July. K6UD spoke of the need for more money for various purposes in the jamming program. After discussion \$1600 was unanimously authorized for this purpose (to be paid back from contributions received). K6DC is

drafting a letter requesting such contributions.

W6TPH, chairman of the Visalia convention, said \$2515 revenues over expenses was received from the convention. Data from that meeting will be given to N6AN who is collating this information as a help to the next committee to run our convention.

W6RC, Dick, said he is checking out Deer Park Farm in Rancho San Antonio

at W6SC's suggestion and that it looks good for the picnic site.

N6RC and K6LM of the Convention Site Committee reported they met and are soliciting ideas for the 1985 convention site. Some wild suggestions have been heard on 2 meters for the site. Hawaii?

Eric announced that the BoD voted to limit the number of awards at the next convention to the 3 perpetual awards (as listed in the Procedures Manual) and to the DXer of the Year Award: this in an effort to speed up the action Saturday evening at the convention. The meeting was adjourned at 10pm.

Respectfully submitted, Josephine Clarke, WB6ZUC Secretary

#### WELCOME NEW MEMBERS

| K6SG (E)<br>George | George R Leone, 3631 Kiekebusch Ct, Carmichael, CA. 95608, Home Phone (916) 944-3838                      |
|--------------------|---|
| K6AAW (E)<br>Larry | Larry D. Murdoch, Rt 3, Box 7, Brian Rd, Red Bluff, CA 96080, Home Phone (916) 529-3523                   |
| WA6AUE (E)<br>Jim  | Jim Duffy, 1966 26th Ave, San Francisco, CA 94122, Home Phone (415) 665-3974, Bus Phone (415) 665-3974.   |
| N6CM (E)<br>Bob    | Bob Friess, 12316 Skyline Blvd, Los Gatos, CA 95030, Home Phone (408) 741-1972, Bus Phone (415) 594-3539. |
| K6DR (E)<br>Tony   | A W "Tony" Borgia, 1800 Lambeth Way, Carmichael, CA. 95608, Home Phone (916) 482-8147.                    |

#### CHANGES OF ADDRESS

(E)

KW6N

Ed

| W6LQC | Phil Garrahan, | 22135 Paseo | de los | Portales, |
|-------|----------------|-------------|--------|-----------|
|       | Sonora, CA 953 | 370         |        |           |

W7XA Alan N Koblinski, 1568 Minnesota Ave, San Jose, CA. 95125, Home Phone (408) 978-3211

CA. 95825, Home Phone (916) 489-6185

KB6G Tom Moyer, 20232 North Cove Sq, Ckpertino, CA 95014

#### TELEPHONE CHANGES:

W6TEX Bus: (415) 774-1324 W6SP Bus: (213) 544-2543

#### ZIP CODE CORRECTION:

W6MZ from 93593 TO 93953

#### LIFE MEMBERSHIP:

Gordon Girton W6NLG (E) PO Box 60031 Sunnyvale, CA (408) 253-8688

#### UP GRADE:

WA6LFN to Extra

Edward A. Anselmo, 770 Coronado Blvd, Sacramento,

#### REINSTATEMENT:

Linda H Sumida WB6QMD 344 N. Atwood Street Visalia, CA 93291 Home Phone (209) 734-4433 Bus Phone (209) 732-8674

#### DEADLINE FOR THE AUGUST DXer:

Articles for the August DXer must reach the editor NO LATER THAN July 29th. Please give us a hand and keep us posted on the DX rumors and anything that would be of interest to the average DXer.

#### DX HAPPENINGS:

DJ6SI (The following is reprint from The ARRL LETTER, Vol 2, No. 12, June 9, 1983)...."In Vol 2, No. 9, we reported that according to press reports the survivors of the DJ6SI DXpedition to Spratly had been rescued by the <u>Linden</u>. From the beginning of this story, there have been some intriguing incongruities. Thanks to KB2FS we've been able to obtain a translation of a story appearing on pages 212 and 214 of <u>Der Spiegel</u>, No. 19, 1983.

Der Spiegel takes cognizance of the fact that DJ6SI is a counter-espionage agent for the German government, and the other members of the crew seem to have ties to the intelligence community. According to DJ6SI, the survivors drifted in a 14 foot dinghy without food, water, shelter or protective clothing for 10 days. During the time adrift, there was no rain and few clouds. Temperatures reached 104°F. Medical experts cited by Der Spiegel felt the maximum survival time under such conditions to be three or four days. Not only did the group survive 10 days, but they required little medical attention.

Der Spiegel also notes that in spite of the fact that the wind was blowing north and the currents were constant to the northeast, the boat drifted 230 nautical miles in the opposite direction during the 10 days. Apparently, the agency employing DJ6SI has refused to comment to Der Spiegel. "This has to be a 'mysterious miracle'" is the conclusion reached by Der Spiegel. (Editor's note: Der Spiegel is a popular middle of the road German news magazine.).."

TTSAD (The following received from Chris, WA6HAT)

TT8AD fixed schedules:

Monday: Particular skeds; No DX Tuesday: Particular skeds; No DX

Wednesday: CQ DX America starting 2100 UTC around 21.060.

Thursday: No activity

Friday: before 0600 UTC on 7005 (not every week) CQ DX Europe starting 1800 UTC around 14075; 1700 UTC 21060.

Saturday & Sunday: in the afternoon on 21Mhz (not every week) CQ DX various directions, starting 1000 UTC on 28060.

100 watts output into 3 element yagi for 10-15-20 and dipole for 40 meters.

Othmar also states that his TH3jr is defective on 20 meters and that is why very little activity there. One thing that should make us smile is the following: "....the bigger problem than shortwave propagations are perhaps the pile-ups that are growing up from several continents as soon as I come on the air. Impossible to tell a european station that I'm looking for american west coast. They don't listen, and don't ask me why they call me every week again on the same band???? Thats why I enjoy the 21 MHz during the night.... It's almost relaxing to work a disciplined, co-operative North American pile up...." He also states that the best way to QSL is direct to PO Box 815, in N'Djamena. 2 IRC's are CK for one card airmail. You can QSL via the bureau to HB9CLA (home call) BUT".....please don't write to my home address." Othmar will be QRV until September or even longer.

|                   | J                | UNE        | 198  | 3   |            | NCDX              | C          | MEMB      | ers s             | TANDI      | NGS              | -(              | COMPI     | LED B | у кы         | RK   |    | CALL                     | MIX |     | CW  | DXCC              |            |            | 10M        | 15M        | 20M        | 40M        | 80M        | WA 2 |       | MIX | PX<br>PH |
|-------------------|------------------|------------|------|-----|------------|-------------------|------------|-----------|-------------------|------------|------------------|-----------------|-----------|-------|--------------|------|----|--------------------------|-----|-----|-----|-------------------|------------|------------|------------|------------|------------|------------|------------|------|-------|-----|----------|
| CAI               |                  | DXCC       |      |     | DXCC       |                   |            | 2011      | 2514              | 001        | 1.004            | Ome             |           | Z     | WP           |      |    | KR60<br>KS60             |     |     |     | 100<br>259        | 175        | 237        |            |            |            |            |            | 40-0 |       |     |          |
|                   | AD<br>AED/7      | MIX        | PH   | CW  | 271<br>271 | 181<br>320        |            | 109       |                   | 258<br>100 | 40M<br>54        | 80M             | 40        | PH 40 | MIX          | PH   |    | N60C<br>WA60EY<br>WB60IP |     |     |     | 303<br>227<br>303 | 300        |            | 71<br>152  | 60<br>160  |            | 20<br>85   | 8<br>20    | 40   | 40    |     |          |
|                   | AHF              |            | 311  |     | 329        | 329               |            |           |                   | 100        |                  |                 | 40        | L.,   |              |      |    | N60J<br>K60J0            | 310 | 310 |     | 301<br>326        | 275<br>325 | 105        | 137        | 231        | 295        | 12         | 12         | 40   | 40    |     |          |
| W6A<br>N6A<br>K6A | AN               | 315        | 315  |     |            | 363<br>276<br>183 | 255<br>185 |           | 180<br>260<br>134 |            | 144<br>143<br>78 | 131<br>66<br>68 | 40        | 40    |              |      |    | W60MR<br>K50S<br>WB60TC  | 311 | 309 |     |                   | 292<br>326 |            | 88         | 76         | 285        | 146        | 216        | 40   | 40    |     |          |
|                   | ato<br>Aus       |            |      |     | 260<br>258 |                   |            |           |                   |            |                  |                 |           |       |              |      |    | K60ZL                    |     |     |     | 348<br>332        |            |            | 100        | 100        | 100        | 100        | 100        |      |       |     |          |
| w61               | DH<br>JH         | 308        |      |     | 294<br>323 | 286               |            |           | 245               | 297<br>187 | 183              | 100             | 40        |       |              |      |    | ak6P<br>k6Pu             | 315 |     |     | 250               | 250<br>321 |            | 100        | 100        | 100        | 100        | 100        | 40   | 40    |     |          |
|                   | BLN              | 314        | 311  |     | 228<br>356 |                   |            |           |                   |            | 5                | 28              | 40        |       |              |      |    | AG6Q<br>KB6Q             |     |     |     | 286<br>284        |            |            |            |            |            |            |            |      |       |     |          |
| W60               |                  | 315        |      |     |            | 251               | 185        | 89<br>204 | 239               | 306        | 26<br>178        | 138             | 40        | 40    | 893          |      |    | W6QDE<br>W6QL            | 315 |     |     |                   | 138<br>263 |            | 114        | 161        | 201        | 111        | 103        | 40   | 40    |     |          |
| <b>K</b> 60       | CIV              |            |      |     | 240        |                   |            |           |                   |            |                  |                 |           |       |              |      |    | negr<br>nerc             |     |     |     | 313<br>213        |            |            | 100        | 100        | 100        | 100        | 100        | 40   | 40    |     |          |
| AD                |                  |            |      |     | 304        | 258               | 216        |           | 89<br>142         |            | 36<br>93         | 40              | 40<br>39- | CW    |              |      |    | W6RFX<br>W6RGG           | 315 | 313 |     | 309<br>340        | 306<br>336 |            |            |            |            |            |            | 40   | 40    |     |          |
| k61               |                  | 315        |      |     | 359        | 126               |            |           |                   |            |                  |                 |           |       |              |      |    | WB6RIU<br>W6RJ           | 315 |     |     | 311<br>343        | 311        |            |            |            | 260<br>100 |            |            | 40   | 40    |     |          |
| K61               |                  | 310        | 306  | 5 . | 271<br>336 | 271<br>310        | 266        | 229       | 251               | 328        | 153              | 121             | 40        | 40    |              |      |    | K6RK<br>N6RR             |     |     |     | 318<br>289        | 293        | 257        |            | 100<br>201 | 100<br>176 | 100        | 100<br>88  | 40   | 40    |     |          |
|                   | ERS              | 310        |      |     | 312        |                   |            |           |                   |            |                  |                 | 40        |       |              |      |    | WINGRSU<br>KGRU          |     |     |     | 235               | 250        |            | 100        | 100        | 100        | 100        | 97         | 40   | 38    |     |          |
| WH                | etr<br>6exw      |            |      |     | 303        |                   |            |           | 92<br>100         |            | 50               | 11              | 40        |       |              |      |    | K6RUW<br>WA6RVR          |     |     |     | 270<br>223        | 242        | 120        | 100        | 100        | 100        | -          | -          |      |       |     |          |
|                   | 6FBN             |            |      |     | 211        |                   |            |           |                   |            |                  |                 |           |       |              |      |    | DJ6RX<br>AF6S            |     |     |     | 301<br>303        |            | 294        |            | 100<br>261 | 100<br>288 | 100<br>188 | 100<br>123 | 39   |       |     |          |
| K61               |                  |            |      |     | 226        | 250               | 1          |           |                   |            |                  | 0-              |           |       |              |      |    | w6sc<br>w6sjc            | 308 |     |     | 334<br>231        | 101        | 101        | 100        | 100        | 100        | 100        | 48         | 40   | 40    |     |          |
|                   | FSJ              | 315        |      |     | 267<br>354 | 209               | 227        |           |                   | 100        |                  |                 | 40-       | CW    |              |      |    | K6SMH<br>N6ST            |     |     |     |                   | 197<br>281 |            |            |            |            | 81         | 39<br>41   | 40   | 40    |     |          |
| AG6               | 6G               |            |      |     | 247<br>253 |                   | 229        |           |                   | -1.0       |                  |                 | 1.0       | ١.    | 0            |      |    | W6SYL<br>W6TC            | 308 |     |     | 127<br>323        | 116        | 297        | 100        | 100        | 100        | 100        | 100        | 40   |       |     |          |
| N60               |                  |            |      |     | 301        | 300               | 70         |           |                   | 246        | 105              | 50              | 40        | 40    | 837          |      |    | WASTER<br>WASTET         |     |     |     | 269               | 160        |            |            |            | 100        | 100        | -          | 40   | 40    |     |          |
|                   | GOE              |            |      |     | 313        | 309<br>260        | 284        |           | 253<br>100        |            | 200<br>87        | 165             | 40        | 40    | 833          | 738  |    | KOTMB<br>WAOTOO          |     |     |     | 269               | 264        |            | 58         | 176        | 226<br>167 | 53         | 39         | 39   |       |     |          |
| KIN               | 6HAT<br>6HP      |            |      |     | 283        | 161               |            |           |                   | . Orr      | -                | .,              | 1.0       |       |              |      |    | W6TPH<br>W6TSQ           |     |     |     | 272<br>343        | 238        | 7          | 271        | 300        | 172<br>300 | 110<br>279 | 100<br>236 |      | 5 ban | d   |          |
| <b>11</b> 61      |                  |            | 22.5 |     | 291<br>324 | 287<br>315        | 15         |           | 153               | 100        | 100              | 100             | 40        |       | 863          |      |    | K6UD                     |     |     |     | 302               |            | 272<br>199 |            | 200        | 200        |            | 133        | 40   |       |     |          |
| W6:               | icu<br>Isq<br>JD | 315        | 312  |     | 348        | 332<br>331<br>188 |            | 157       | 189               | 219        | 122              | 110             | 40        | 40    | 869          |      |    | WEUR<br>WOUR             |     |     |     | 264<br>288        |            | 158        | 036        | 106        | 000        | 00         | l.         | 1.0  | 40    | 652 |          |
| W6.               | JHN<br>6Jk       |            |      |     | 500        | 146               |            | 129       | 116               | 144        | 29               | 11              | 40        |       |              |      |    | ac6v<br>aj6v<br>kp6v     |     |     |     |                   | 189        |            | 216<br>128 |            |            | 91         | 36         | 40   | 40    | 653 |          |
| N6.               | JM               |            |      |     |            | 244               |            |           | 184               |            | 75<br>100        | 46<br>100       | 40        |       | 1063<br>1579 |      | CW | M6VF<br>W6VQD            |     |     |     | 280<br>320        | 135<br>319 | 1          | 90<br>134  |            | 100        | 100        | 95<br>106  | 40   | 40    |     |          |
| KH                | 6JWK<br>JZU      | 311        |      |     | 327        | 20,               | 175        |           | 115               |            | 22               | 12              | 40        | 40    | ->1>         | -/3. |    | KD6VS<br>K6WD            |     |     |     | 304               | 319        |            | 100        |            |            |            | 44         | 40   | 40    |     |          |
| W71               |                  |            |      |     | 252<br>254 | 14                | 240        | .,        |                   |            |                  |                 | 40        | 40    |              |      |    | WB6WKM<br>K6WR           | 315 | 315 | 5 - |                   | 100<br>346 |            | 100        | 100        |            | 35         | 3          | 40   | 40    |     |          |
| w61               | KG               | 314<br>313 |      |     | 352<br>351 | 290               | 108        | 161       | 193               | 210        | 169              | 105             | 40        | 40    | 911          |      |    | KK6X<br>NG6X             | 3-7 | 3-7 |     | 264<br>250        | 194        | 229        | ,          |            |            |            |            |      |       |     |          |
| W61               | KNH              | 315        | 311  |     | 336<br>327 | 335               |            |           |                   |            |                  |                 | 40        | 40    |              |      |    | W7XA<br>K6XM             |     |     |     | 319               | 209        | 222        | 163        | 179        | 246        | 144        | 68         | 40   |       |     |          |
| W61               | KQK<br>KQN       |            |      |     | 307<br>265 | 291<br>260        | 274        | 239       | 275               | 298        | 124              | 101             | 40        | 40    |              |      |    | K6XN<br>W6XP             | 310 | 310 | 0   |                   |            |            | 131        |            |            |            | 108        |      | 40    |     |          |
| K6                | LQA<br>LQC       | 307<br>310 | 309  | 9   | 327<br>327 | 326               |            | 100       | 100               | 100        | 46               | 83              | 40        | 40    | 653          |      |    | K6XT<br>N6XU             | 306 | 3   |     | 320               | 180        | 8          | 41         | 125        | 200        | 55         | 27         | 40   | 39    |     |          |
| K6                | MA<br>6MD        | 312        |      |     | 340<br>240 | 305               | 167        | 110       | 100               | 100        | 102              | 108             | 40        | 40    |              |      |    | KD6XY<br>K6YK            |     |     |     | 280<br>308        | 258        | 21 265     |            | 100        | 204<br>276 | 178        | 3<br>88    | 40   | 40    | 726 | - CW     |
| N6                | MUR<br>MQ        | 313        |      |     | 351        | 290               | 281        |           |                   |            |                  |                 | 40        |       |              |      |    | W6YVK                    | 313 |     |     | 356               | 251        |            |            | 198        | 173        | 56         | 42         | 40   |       | 659 |          |
| W6                | MZ<br>6N         |            |      |     | 324<br>255 | 202               | 210        | 100       |                   |            | 55               | 30              | 40        |       |              |      |    | WING ZHD<br>KGZM         | 315 |     |     | 265<br>345        |            | 100<br>261 | 100        | 100        | 150<br>100 | 32<br>100  | 73         | 40   | 40    |     |          |
| W6                | NCO<br>NKR       |            |      |     | 326<br>289 |                   |            | 137       |                   | 294        | 181              | 114             | 40        |       |              |      |    | W6ZM<br>K8ZTT            | 315 | 315 |     | 350<br>255        | 345<br>248 | 70         |            | 142        |            |            | 111        | 40   | 40    |     |          |
|                   | NLG<br>NPY       |            |      |     | 292<br>311 |                   | 100<br>260 |           |                   |            | 16<br>178        | 139             | 40        | 40    | 450          |      |    | WB6ZUC<br>W6ZYC          | 308 | 307 |     | 306<br>326        | 320        | 297        |            |            |            |            |            | 40   |       |     |          |
|                   |                  |            |      |     |            |                   |            |           |                   |            |                  |                 |           |       |              |      |    | K6ZX                     |     |     |     | 300               |            | 276        |            |            |            |            |            | 40   |       |     |          |

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|--------------------|-------------|------------------|-------------------|--------------------|----------------|------|-----------------|----------------|-----------------|--------------|-----------------|-----------------|----|
| A-C                |             | D-               | ·G                | H-                 | -M             |      | N-6             | }              | R-              | Ū            | ν-              | Z               |    |
| A*KF6A F           | Phil        | D#AD6D           | Jim               | H*KN6H             | Bill           | 1    | N*KM6N          | Jim            | R*N6RA          | Tom          | V*AC6V          | Rod             |    |
|                    | Duane       | AG6D             | Al                | WAGHAT             |                |      | KW6N            | Ed             | KB7RC           | Chuck        | AI6V            | Carl            | 1  |
|                    | Larry       | W6DB             | Lee               | K6HHD              | Jan            |      | WONA            | Fred           | N6RC            | Dick         | AJ6V            | Ed              |    |
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| WAGAHF R<br>W4AI J |             | WB6DFX           |                   | KB6HT              | Barbara<br>Ray |      | N6NK            | Rod            | N6RJ            | Jim          | K 5VNF          | Alan            |    |
|                    | Tohn<br>Tim |                  | Bob               | W6HUA              | Jim            |      | WONKR           | Marion         | w6RJ            | Bob          | 9V1 VP          | Bob             |    |
|                    | on          | KB6DJ            | Jim               | ** /*****          | Chuck          |      | WENLG           | Gordon         | K6RK            | Chuck        | WEVOD           | Win             |    |
|                    | Ial         | WAODJI           | Hensley<br>Morris | ,                  |                |      | WENLZ           | Pete           | WERLB           | Jim          | KD6VS           | Chuck           |    |
|                    | en          | WA6DJO           | MOTTIS            | I*NR6I             | Andy           |      | K6NM            | John           | WAGRLE          | Curt         | N6VT            | Ralph           |    |
| VEZAQS B           | Bob         | WB6D0Q           | Pete              | WEIAE              | Sandy          |      | WENPY           | Dave           | N6R0            | Ken          | OH 5VT          | Heimo           |    |
| K6ASI B            | Bill        | W6DOT            | Gene              | Wilcu              | Norm           |      | WENTQ           | Bob            | WERON           | Mark         | NEVV            | Lew             |    |
| WEATK B            | Bill        | W6DPD            | Chuck             | Meika              | Phil           |      | Wenv            | Oliver         | K6RPH           | Larry        | WALL & CLI      | Mad             |    |
| W6ATO D            | ick         | WB6DQP           | George            | KETLM              | Eliot          | (    | 0*KA60          | John           | K6RQ            | Frank        | W#KA6W<br>KS6W  | Ted<br>George   |    |
| WA6AUD C           |             | K6DR             | Tony              | WA6IQM<br>W6ISQ    |                | ,    | KR60            | Steve          | N6RQ<br>W6RQ    | Bob          | W 6WB           | Bud             |    |
| N6AUS D            |             |                  | Phil              | WEITH              | Jack<br>Reg    |      | WOOAT           | Rusty          | NORR            | Ron          | K6WC            | John            |    |
| WAGAVS R           | 1199        | K6DT             | Ed                | KOITL              | Knock          |      | N60C            | Cab            | WERRF           | Bill         | K6WD            | Pres            |    |
|                    | erard       | W6DUB            | Eric              | WAGITR             |                |      | WA60EC          | Denny          | WB6RST          |              | WB7WIM          | Bill            |    |
|                    | at          | WB6DUG           | Mario             | WAGIUM             |                |      | WA60EY          | Jim            | K6RU            | Cam          | WBGWKM          |                 |    |
| K6AYL L            | eo          |                  | Dennis            | W6IZU              | Ken            |      | WB60FM          |                | K6RUW           | Tak          | 4X 4MN          | David           |    |
|                    |             | KA6DXY           |                   | -2                 |                |      | W60G            | Clint          | K6RV            | Don          | K6WR            | Brad            |    |
|                    | ob          | N6DYS            | Taylor            | J*KT6J             | Joel           |      | WB60IP<br>N60J  |                | W6RVS           | Dick         | NOWR            | Armond          |    |
|                    | lartti      | KH6DZB           | Tom               | W6JD               | Doug           |      | K60J0           | Chuck<br>Steve | DJ6RX           | Klaus        | KH 6WT<br>W 6WU | Cherry<br>Ken   |    |
| W6BH L<br>KA6BIM D | ee          |                  |                   | WA6JDB<br>W6JHN    | Jay<br>Al      |      | W60KK           | Pat            | S#AF6S          | Dave         | MONO            | Vett            |    |
|                    | IP          | E*NSEA           | Bob               | KB6JK              | Rich           |      | WB60KX          | Art            | KD6S            | Sam          | X*KK6X          | Jim             |    |
|                    | ed          | N6EFB            | Jeff              | NGJM               | John           |      | WOOL            | Howard         | KG6S            | Terry        | NG6X            | Ron             |    |
| _0/0/0/0           | an          | KB6EI<br>W6EJA   | Neal              | W6JNF              | Chuck          |      | N60M            | John           | KW6S            | Len          | W7XA            | Al              |    |
|                    | yle         | WD6EKO           | Chaz              | W6JRY              | Jerry          |      |                 | Irv            | NC6S            | Ken          | N6XG            | Walt            |    |
| KE6BN E            | d           |                  | Warren            | N6JV               | Norm           |      | N600            | CLYDE          | K7SA            | Warren       | N6XH            | Dave            |    |
| W4BPD G            | us          | WD6EKR           | Walt              | w6JXH              | Ron            |      | WB600L          |                | W6SC            | Howard       | AA6XI           | Mike            |    |
|                    | ill         | KD6EM            | Tom               | WB6JXU             | Roger          |      |                 | Joe<br>Al      | K6SG            | George       | NEXI            | Rick            |    |
| K6BR J             | ohn         | W6EMD            | Dave              | W6JZU              | Smitty         | -    | WB60TC          | Emia           | WA6SIX<br>W6SJC | Frank        | K6XJ<br>K6XM    | Greg            |    |
| WA6BSS B           | ac          | KD6EO            | Jim               | K*KN6K             | Keith          |      |                 | Paul           | WA6SLO          |              | K6XN            | Ted             |    |
|                    | ack         | K1 ER/4          |                   | WC 6T              | Casey          |      |                 | Leo            | K6SMH           | Jerry        | W6XN            | John            |    |
|                    | ou          | W6ERS            | Uncle V           | ern N7KA           | Arne           |      | M 60M Q         | Bill           | W6SP            | John         | W6XP            | Stan            |    |
|                    | artin       | W6ETR<br>KA6EUD  | Kenny             | K6KCM              | Stan           |      | WB60WT          |                | K6SSJ           | Bob          | W6XR            | Natan           |    |
| K6BWX D            | ick         | WB6EXW           |                   | W6KG               | Lloyd          |      |                 | Dick           | N6ST            | Steve        | K6XT            | Art             |    |
| 08V/07V -          |             | H DODAN          | age 3             | W6KH               | Dick           |      |                 | Ron            | W6SYL           | Pat          | n6xu<br>k6xv    | Les             |    |
|                    | ack         | F*AF6F           | Dick              | WB6KJE<br>K6KLY    | Russ           | P    | *AK6P           | Bob            | W6SZ            | Paul<br>John | KD6XY           | Larry           |    |
| SMØCCM L           | arry        | NA6F             | Don               | WEKNH              | Clyde          |      |                 | Chuck          | W6SZN           | Kip          | WEXY            | Ron             |    |
|                    | Om          | WB6FBN           |                   | W6K0E              | Dave           |      | WB6PCF<br>W6PGQ |                | T*AA6T          |              | Y*AF6Y          | Dave            |    |
|                    | ohn         | WB6FCR           |                   | WB6KQI             | Virg           |      |                 | Dave<br>Dave   | AK6T            | Lloyd        |                 | Hugh            |    |
| W6CF J             | im          | K6FD             | Ray               | W6KQK              | Andy           |      |                 | Roger          | KD6T            | Pat<br>Jim   | KR7Y<br>K6YK    | John            |    |
| G5CFJ K            | en          | WB6FDQ<br>WB6FEF |                   | K6KQN              | Vince          |      |                 | Jerry          | NG6T            | Bob          | W6YK            | Ken             |    |
|                    | ick         |                  | Marv              | e Arrene           |                |      | W6PM            | Rolf           | WOTC            | George       | W1YL            | Ellen           |    |
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|                    | teve        | WA6FKK           |                   | NB6L<br>W6LD       | Don<br>John    |      | N6PO            | Greg           | WOTEX           | Bill         | W6YVK           | Ev              |    |
|                    | uy          | KB6FM            | Sharon            | WAGLEN             | Bernie         |      | GM3POK<br>KE6PQ |                | NOTH            | Tim          | K5YY            | San             |    |
|                    | im          | K6F0             | Norm              | WA6LIJ             | Jerry          |      |                 | Steve<br>Gerry | NOTJ            | Jim          | Z*AA6Z          | Paul            |    |
| KE6CS L            | arry        | W6F0J<br>W6FSJ   | Roy<br>Wendel     | K6LM               | Jim            |      | HOLVE           | 40117          | WA6TKT<br>K6TMB | Lou          | KR6Z            | Jon             |    |
| W6CSI N            | orm         | W6FWX            | Kim               | MOTLW              | Verne          | 0    | *AG6Q           | Ralph          | WA6TOO          | Harms        |                 | Mike            |    |
| WB6CUA R           |             | HOLMY            | VTIII.            | K6LQA              | Bill           |      | KB6Q            | Al             | K1 TOY          | Ron          | K6ZJV           |                 |    |
| W1CW B             | ob          | G#AA6G           | Chuck             | W6LQC              | Phil           |      |                 | Tom            | WETPH           | Bill         | w6zkm           | Frank           |    |
| W6CWY A            | WITE        | KB6G             | Tom               | KB6LT<br>KE6LT     | Nolan<br>Gene  |      | W6QBY           | Paul           | W6TSQ           | Sam          | K6ZM            | Phil            |    |
|                    | lyde<br>ob  | WB6GFJ           |                   | REOUT              | dene           |      | WB6QDC          |                | WETT            | Elvin        | W6ZM            | Bill            |    |
| NOOLK D            | 00          | N6GG             | Rich              | M*AJ6M             | Bill           |      |                 | Vince          | WETUI           | Bill         | K8ZTT<br>WB6ZU  | Dick            |    |
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|                    |             | K5G0E            | Woody             | w 6m Jm<br>w 6m km | Stew<br>Steve  |      | KF6Q0           | Karl           | KOUD            | Stan         | W6ZZC           |                 |    |
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| N6AUS Da           | ive         |                  |                   | W6MZQ              | Walt           |      |                 |                | K6UWD           | Mason        |                 |                 |    |
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TO YOU AND THE NCDXC MEMBERS I WISH THE BEST IN CONTINUED SUCCESS. AS WE ALWAYS STRIVE TO MAKE THIS DX GAME A FAIR AND REWARDING SEGMENT OF OUR HOBBY. THANK EACH OF YOU AGAIN FOR THE CONFIDENCE YOU HAVE PLACED IN ME.

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