

NCDXC

NORTHERN CALIFORNIA DX CLUB

THE DXer

JANUARY 1976

VOL. XXX. NO.1.



THE DX'ER

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

Published monthly for the benefit and interest of NCDXC members.

FOUNDED 1946

OFFICERS

President	Bill Johnson	W6MUR
Vice Pres.	Orm Meyer	K6QX
Secretary	Dave Palmer	W6PHF
Treasurer	E. Howard Hale	W6SC
Directors	Merle Parten	K6DC
	Robert Smithwick	W6JZU

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Club repeater - WR6ACZ

Input frequency	147.96 MHz
Output frequency	147.36 MHz
Suggested SIMPLEX freq.	147.54 MHz

The NCDXC NET meets on the repeater at 08:00 PM Thursdays for the purpose of exchanging DX and other information of interest for the mutual benefit of its members. WA6AHF is net control station.

W6TI BULLETINS are sent Sundays at 18:00 GMT or on Monday at 2:00 GMT on a frequency of 14.002 MHz. The W6TI Trustee is Bob Vallio, W6RGG.

Please send member report forms by 28th of month to John Brand, K6RXZ.

Deadline for all other contributions is the first day of the month, to :

Adam A. Mentés, VE3DXV/W6
P.O. Box 951,
Mountain View, CA 94042

MINUTES OF THE DECEMBER 12, 1975 MEETING OF THE NCDXC INC.

The meeting was held at the San Francisco Airport Hilton Hotel.

After an excellent meal, President Johnson called the meeting to order to elect two directors. Those nominated were:

K6DC	Merle Parten, 23 votes, elected.
W6JZU	Bob Smithwick, 14 votes, elected.
K6TXR	Bill Vette, 11 votes.
W6EYY	Hal Godfrey, 8 votes.

Accordingly, W6JZU and K6DC were elected to the Board of Directors.

Cam Pierce, K6RU showed a few slides of an incredible Southern California mountain top contest station, which elicited sighs of exultation and moans of envy from those assembled members with less.

Second reading of K6ILM, Elliot Pisor, who was voted to full member.

Arrival of Whiskey Six Santa Claus with a gift for practically everyone.

Scintillating musical entertainment then followed by Ken Keeler, W6PAA with his swinging banjo, Rubin, WA6AHF and his dulcet, pear shaped SSB tones and XYL electric piano continuo.

Many guests were present; XYLs of members and Armond Noble, W6AJY, publisher of "The World Radio News".

A good time was enjoyed by all.

Respectfully submitted,
David Palmer, W6PHF,
Secretary.

MINUTES OF THE BOARD OF DIRECTORS MEETING DECEMBER 7, 1975.

The meeting was held at the QTH of K6SSJ.

Those in attendance were:

President	Bill Johnson, W6MUR
Vice president	Orm Meyer, K6QX
Secretary	Dave Palmer, W6PHF
Treasurer	Howard Hale, W6SC
Director	Bob Thompson, K6SSJ
DXer editor	Adam Mentés, VE3DXV/W6

(continued next page)

(minutes, BoD meeting, cont.)

Adam mentioned that slightly more than 200 copies of the DX'ER are mailed out each month, and that with the increase of postage rates and cost of reproduction a more effective method of financing should be devised. Bob suggested that advertising be solicited from various firms in this area who sell amateur related equipment or services. If a more practical source of funding of the DX'ER cannot be found, then an increase of dues may become necessary.

Orm Meyer, who is responsible for the bus to Fresno each year, moved that the club underwrite the bus to assure its continuance. Seconded by those present.

As a quorum was not present at the November meeting, the mail ballots on the by-laws changes were counted with the following results:

For 100 votes (81.3 %)
Against 23 votes (18.7 %)

The return of 74.5 % is indicative of the interest of the members in this matter. A copy of the amended by-laws will be mailed to the California Secretary of State.

Orm Meyer, the Treasurer presented the following club financial status:

For the end of November 1975
Checking account 735.12
Savings account \$1500.00 plus interest

Meeting adjourned.

Respectfully submitted,
David H. Palmer, W6PHF,
Secretary, NCDXC.

FRESNO NEWS

The word from SCDXC Prexy John, W6KNC is that the 1976 Fresno DX Convention will be held on the weekend of May 15-16.

Mark the date on your calendar, and if you plan to take the NCDXC bus this year Orm Meyer, K6QX has just announced that he will be ready to book reservations starting at the January meeting. If the experience of previous years is a good indicator, the wise will book early.

FROM THE PRESIDENT'S SHACK

With the dawn of our nation's bicentennial year it is appropriate to reflect on the accomplishments and achievements in amateur radio communications. Even counting the spark days, radio is a mere youngster, and radio as we know it best is barely 40 years old.

Technologically, the developments of the past 20 years have been perhaps the most startling : solid-state electronics, single sideband, NBFM, repeaters, mobile equipment, digital systems of many kinds and a plethora of commercial equipment at prices making it hardly worthwhile to "build your own".

But have we kept up our technological skills and knowledge ? Have we maintained the spirit of "try it and see" experimentation and interest in the untried ? Have we maintained our standards of courtesy and helpfulness which help justify our existence ? Do we still aspire to be creative achievers ? Or have we, as some suggest, lapsed into a generation of "appliance operators", unable to understand the inner workings of our equipment, modify or repair it, or even, in some cases, unable to tune it and operate it properly ? Are we destructively competitive, discourteous and disparaging ? Do we welcome and help newcomers to amateur radio and strive for the highest class of license ?

These are questions each of us should answer for ourselves, and in this season for New Year's resolutions, maybe some changes would be in order during the bicentennial year.

I want to thank all of those who supported the board of directors in passing the new by-laws, and to reassure those that did not vote for them that we will continue to do our best to improve upon the management areas where weaknesses still exist.

And especially, a very Happy New Year to the Northern California DX Club and to DXers everywhere.

Bill, W6MUR

CALIFORNIA AWARD UPDATE

The following stations have qualified for the California Award since the last report about two years ago:

#	Call	Name
238	OK1FF	Vladimir Kott
239	KG4CS	Herbert W. Merrill
240	ZL1QW	Alec G. Binnie
241	CR4BC	Julio Vera Cruz
242	UW9PT	Vik A. Shugam
243	JALWVK	Yoshiaki Hasegawa
244	JALRUJ	Seitaro Orii
245	VK4VU	R. Martin Luther
246	DJ2RE	Walter Eichenauer
247	JALVE	Takamasa Namba
248	JA7JW	Akira Sato
249	JALJKG	Teruharu Tel Hosogai
250	DJ6RX	Klaus Heitzenberg
251	KP6KR	Charles K. Epps Robert G. Ferrero Peter S. Grabosky James T. Rafferty
252	JA2HGA	Shigeto Kayano
253	UR2QD	Vello Priiman
254	9H4G	Eric Rogers
255	JALGTF	Koichi Ishida
256	9Q5QR	Tony Jeuken

The up-to-date list shows that the NCDXC California Award has at last made DXCC, with winners in 100 different countries!

The countries leading in winners are:

Japan	30 award winners
W. Germany	21
Australia	14
As. USSR	12
England	10

There are three double winners :

172	VU2KV	K. Venkataramanan
200	VU9KV	"-"
199	DL7AH	H. Lilienthall
211	7XØAH	"-"
147	VR1L	R.I.B. Lusk
226	YJ8BL	"-"

There are only two YLs who have won the award:

114	PY2SO	Sonia Rotenberg
133	ZELJE	Molly Henderson

Maybe W6DOD can do something about this! How about it Iris ?

Phil, K6ZM
California Award Manager

TUNING THE BANDS

* A4XVI says he leaves Muscat for home in G-land on Dec. 14/75, but Tony, A4XVK will be carrying on. A4XVI QSLs go to GM4DLG who is not in the call book, so cards will have to go via bureau. WA6CXX

* ZK2AO (Niue) has schedule weekly at 0800 Z on Mondays and Tuesdays around 3.775 MHz. He will work stations around 0900 Z after schedule. WB6EXW

* Will be on from 6Y5BF Jan. 16 to 25, mostly CW; however, emphasis is on vacationing. DJ6RX

* Starting with January 18, Tom, ZD8TM will be operating from ZD7, mostly near low end of CW bands. W6MUR

IT HAD TO HAPPEN....

A couple of weeks ago the editor received a letter seeking publicity for "Ecuador's new DEHC diploma" from the "DEHC Manager", HC5EE/WB8ABN. This seems to be a tough one... Takes 1 (one) QSO, with any HC station, any band, any mode, "SWLs are OK also", plus \$1.00 US or if you prefer 8 IRCs.

Soooo ! HOW WAS YOUR MONTH ?

* Got a lot of new ones for the CW DXCC and 5BDXCC in CQ WW Test. W6YKS.

* I'm still trying to catch up with Tony SVØWKK before he leaves Crete. W6ZYC

* Had fun in 10 meter contest. 28 K points. Band still holds intrigue for me ! W6BH

* For those who wonder who W6RDF is, its the Point Loma ARC, usually with me at the mike or key. WA6CXX

* Input for WB6YLG survey - 2 meter net: I always listen. Rig is Wilson HT with rubber duckie ant., 2 W out. Missed EA9FG, got caught in LSB position ! Guess I'll share the "Boob of the Year" award with Merle, K6DC who was recently contesting split when he thought he was transceive... WB6EXW
(ed. note) You didn't really do a thing like that Merle did you ? And all the time I thought that you and I were the only ones left who never make a missteak.

(...Your Month.. cont.)

* Need FR7ZL/G, but so far Ø on this will-o-the-wisp ! Still looking for a QTH for opr. of MP4TAA in 1956 who may have logs. W6MUR

* Received my Mellish Reef card after 3 yrs. of waiting, also one from VS6DO. Santa did not come across with 96/36 xtals, had to order them myself. Should have them in a couple of weeks. My 1976 new year's resolution : to attend the club meetings again frequently. Vern, K6UGS (Great! Welcome back. ed.)

TRIALS AND TRIBULATIONS....

Some time ago a member wrote to suggest an article idea entitled "The Trials and Tribulations of the DX'ER Editor". Around this time of the month I find it difficult to resist that heading, in spite of its obviously self-pitying implication.

Perhaps you may be interested in a brief look "behind the scene" to get a better feel of what it takes to get this "fish wrapper" to your mailbox each month, who does what, and last but not least, what it costs you.

Twenty days out of the month, in rain or shine, the U.S. Postal Service does most of the work on the DX'ER. In addition to your individual inputs to the editor and the various columnists, we have some exchange arrangements with other clubs (SCDXC, CARA), as well as with other organizations, such as VERON. Some mail arrives at the Menlo Park post office. John, W6AOI sorts and forwards pertinent material to the editor. By the end of the month, things begin to hum. John, K6RXZ compiles the member standings and other inputs from the cards you sent in. Hal, W6EYY condenses the story of your life into short data-packed mini-biogs. Dave, W6PHF tries to recollect just what may or may not have happened at the last meeting, then puts it into lucid words on his trusty TTY.

The first of the month, your editor goes treasure-hunting in his PO Box, separating bills, collector's notices and other trivia from DX'ER material. During the next few days the papers get

sorted, organized (?) and the 2 meter box gets a workout : "...its 5 days after the deadline, where is the stuff you promised for this issue...? " The weekend before the meeting the hum of activity roars into a T3 AC buzz. The XYL is ordered to bring home an IBM Selectric from the office. Saturday morning the editorial office (kitchen table) begins to sound like a typing pool in a porno movie, the clanking of the machine frequently interrupted by non-removable expletives. By early afternoon the editor curses the day he accepted the job. At a relatively error-free 5-10 WPM the hours roll by and by the time evening falls, it is entirely clear that typing alone will take two more weeks.

On the seventh day, the Lord rested, but not the editor. More typing, proofreading re-typing, a quick trip to the post office ("..maybe he mailed the stuff late!") All the while the repeater is buzzing with all kinds of choice DX reports. The editor's mind wanders. "Could I get a special DXCC for missing a hundred countries while typing the DX'ER ?" But all good things, and even trying ones must come to an end, and by midnight the issue is ready for the printer.

Monday morning the copy goes to the printer, Tuesday after work it is ready to be picked up, printed, collated and stapled. That evening is spent with folding, card inserting, stapling, addressing and stamping. This used to go into the wee hours but now with Gary, WB6EXW's help it seems more like a pleasant social evening. Either that nite, or the next morning, deliver the bundles to the U.S. mails, so you will get it in time before the meeting. The job is done for another month. Feels good.

All is not well, however. In addition to an estimated total of about 75 man-hours of volunteer work, the DX'ER represents an actual cash expenditure of about \$100 per issue. With a timely and relevant photo-cover in the future, this figure may climb to as much as \$125.00 a month. That adds up to a budget of \$1500.00 per year, or on a per capita basis, \$7.50 for each and every one of us. Considering that our annual dues are currently that

(Trials and Tribulations.. cont.)

exact amount, it is easy to see why our Treasurer hopes to reduce his role as Santa Claus.

Where do these monies go ? Postage cost currently hovers around the \$30.00 mark. Each issue cost approx. \$70-75 to have offset printed, collated and stapled by a commercial printer. (The printer was selected by the editor, having the lowest of the 30 or so quotes solicited). Obviously, this is a big bite, so perhaps it warrants some further examination. Why use a commercial printer, when mimeograph printing is available at a much reduced cost, courtesy of K6SSJ's Gestetner ? This could reduce the monthly cash layout by about \$50.00.

There are two advantages in using offset printing. One is a matter of quality in reproduction and the capability to reproduce drawings, schematics or halftone photographs. It may be said, that for typewritten copy this makes little difference. (For an actual comparison look at the October 1975 issue of the DX'ER). The other advantage is a matter of trade-off in cost to labor hours. Typing mimeo stencils is more time-consuming as well as more error-prone than preparing camera-ready copy. Collating and stapling can consume many hours of additional work that is now done by the printer at a cost of about \$15. (This is included in the previous figure quoted).

The last October issue, using the mimeo route took about 47 hours of your editor's time to get in the mails. This level of contribution, on a regular, monthly basis is well beyond not only my means, but desire as well. Using commercial printing (as well as some volunteer help) we were able to reduce that figure to about 25-30 hours. Still quite a load.

Several possible alternatives aimed at reducing costs are available:

- 1., Go back to mimeo printing, using Bob's machine. This would require additional volunteer help with legwork, collating, stapling, etc.
- 2., Reduce the number of pages in the bulletin to save on printing costs.
- 3., Solicit advertising in order to reduce the burden on the club treasury.

As you can glance from the board of directors' meeting minutes, the board has in fact elected to try the ad route. W6MUR has contacted prospective advertisers and as of this writing the first ads are in and will run starting with the February issue. We are selling space at the rate of \$20 per one third page and will carry a maximum of five ads per issue. If this approach succeeds, we will be able to further improve the quality of the bulletin, perhaps regularly run cover and inside photos, etc., without taxing the treasury too heavily.

This may be the ideal solution to the financial problem. Whether it succeeds will entirely depend on you. Whenever a choice exists, you should make an effort to support our advertisers, and further, let them know that their ad in the DX'ER has influenced your choice. I can not overemphasise the importance of this. It does not take too many additional sales for an advertiser to justify a \$20 ad, but he has to know that his ad works.

Before closing this lengthy tirade, let me touch upon the editorial content of the bulletin. Unquestionably, there is much room for improvement in this area. But, without your feedback, critical or otherwise, it is difficult to know what you may want to see in these pages. Should we carry more hard DX info ? Or is it futile to try to compete with the excellent weekly West Coast DX Bulletin ? Should we solicit and run technical articles of interest to DXers ? And I suppose the bottom-line question is : Do you care ? Is this just another piece of junk-mail for you ? If that is the case, still, let us know. Spending your money and our time is foolish unless you get something out of it in return.

Adam, VE3DXV/W6

HAM-M BIBLIOGRAPHY by W6EYY

Delayed Braking in the Ham-M Rotator, QST, May 1974, page 49.

Improving the Ham-M Rotator Indicator, CQ, Dec. 1970, page 57.

Further Improvements of the Ham-M Rotator Indicator, CQ, June 1971, page 46.

Enclosed with this issue of the DX'ER is a Mini-Biog Information Card. All members are requested to fill in the data and forward the card to this columnist. This column will serve as a means for knowing a little more about each fellow club member and in time may develop into a historical file of membership information. Support the Mini-Biog Program. Send your card in today.

WB6ZHD, Mike, Novato. Printer, Composing room foreman with Industrial City Publication Co. First licensed 1960. Holds Advanced Class Amateur and Class C 72 MHz radio control model aircraft licenses. Operates CW 65% and SSB 35%. Has ICOM-22A on 2 meters, with 11 ele. beam, but can't make WR6ACZ from Novato. Rig is Drake twins, R4B/T4X with SB220 linear. Antennas: TH6DXX at 55' and inverted Vees for 40 and 80. Worked 212 countries, 198 cfd. WAZ 39 zones on both CW and SSB. Holds DXCC, WAS, WAC and WAC-SSB. Won S.F. Sec. ARRL 10 M contest in 1974. Belongs to ARRL and is a member of WR6ACS repeater group. Enjoys building and flying radio control model airplanes and sailplanes.

W6MUR, Bill, Ben Lomond. Self employed, Mobile Communications Consulting Engr. Graduate of Univ. of Calif., BSEE. First licensed in 1935. Holds Extra class Amateur, 1st class Radiotelephone and 2nd class Radiotelegraph commercial licenses. Has Drake TR22 & ML2 on 2 meters and has at his QTH a 2 meter repeater under construction to service the San Lorenzo Valley/Santa Cruz area. Rigs are a variety of equipment with KW capability. Antennas 80 m dipole at 100', 3 el 40 m Yagi at 125', 5 el 20 m Yagi at 133', LP1007 log periodic at 140', 6 db 2 m colinear at 140'. Currently President, NCDXC. Past President SCDXC and Orange County DX Club. Past Chairman, Orange Co. Sec. IEEE. Section/Division winner in several contests. Division winner 1975 ARRL DX Contest, CW, Single op. Life member National Rifle Assn. & California Pistol and Rifle Assn., member Eagle Rock Gun Club, Assoc. Public Safety Comm. Officers Assn., and South Bay Jazz Club. Enjoys guns, high performance cars and Dixieland Jazz.

K6RXZ, John, San Jose. Senior Engineer, FCC Compliance Specialist, Pacific Telephone & Telegraph Co. Attended several colleges and received AA degree from Foothill College. First licensed in 1955 as WN7ZUC/W7ZUC in Wyoming. Holds amateur Extra class and commercial 1st class Radiotelephone licenses. Operates CW 5% and SSB 95%. Has Drake ML2 on 2 meters. Rig is Heath SB-102, SB-103 with SB-200 linear. Hy-Gain quad at 38' and Hustler 4BTV for 40 and 80 m. DXCC 295 workwd, 290 cfd. XYL Carolyn is WA6AKK. Past Treasurer, NCDXC. Member ARRL, Pacific DX Net, INDXA and the Pioneer Radio Club. Enjoys philately and herbaceous horticulture.

K6QZ, Rich, San Jose. Lab Specialist, IBM Systems Communications Div. Attended Univ. of Calif. 1 yr and the Navy Electronics School. First licensed in 1935 as W6MVQ. Holds extra class amateur, 2nd class Radiotelegraph and Radiotelephone commercial licenses. Operates CW 90% & SSB 10%. Has Swan FM2X on 2 meters. Rigs are Kenwood twins with Henry 2K linear, and FT-101 with SB-200 linear. Has TH6DXX up 57' & Inv. Vee trap for 40/80. DXCC 290 wkd; 280 cfd. WAZ. First QSO was J2KO in 1935 & is still wkg Js 40 years later. Awarded NCDXC trophy 1950, 1951, 1952 for ARRL CW DX Contests. Feb. 1952 CQ Magazine has Rich's article on Phased Ground Planes for 7 MHz. Member of NCCC. Operates contests from remote retreat high in the Santa Cruz Mts. There rig is powered by 3 KW generator laboriously hauled by trailer over three miles of rough dirt roads.

CONTEST CALENDAR

Feb 7-8 ARRL DX Phone Contest
Feb 21-22 ARRL DX CW Contest
Mar 6-7 ARRL DX Phone Contest
Mar 20-21 ARRL DX CW Contest
Mar 27-28 CQ WW WPX SSB Contest

ARRL DX CONTEST MARATHON

Only a few weeks left to prepare for what for us DXers is probably the biggest contest event of the year, the 4 weekend long ARRL marathon.

This will be the 42nd year for this contest. The new rules, first used in last year's contest worked out well, and the same rules will be used in this year's competition. Single operator stations can now compete in one of three categories: All Band, High Band (10/15/20) and Low Band (40/80/160). Multi op stations All Band only.

As you know, this year the club is going to mount an all out effort to turn out an aggregate score and hopefully recapture the perpetual trophy from the South at Fresno. However, all the hoping and well wishing wont turn the trick. If we can do it, - and we certainly can if we really want to -, it will be the result of a lot of members pitching in to the full ability of themselves and their stations.

Let us play a numbers game for a minute. Last year, the Southern California DX Club had an aggregate score of 13,242,000 from 29 entries. That figures out to an average of more than 456,000 points per entry. Very respectable to say the least. Same year, we ended up with a club total of 6,214,000 points from 35 entries, an average of 177,000 per entry. Not bad, but certainly not spectacular. So you say, we have a lot of members with small antennas, etc. versus a bunch of big contest-oriented stations down south. That is probably correct. However, there is another, easier, and certainly much cheaper way to beat the SCDXC than building a few big contest stations. And that is the numbers game. Numbers in participation, in the number of entries.

Our club, at the moment, has about 200 members. A number of our members live

outside the 175 mile radius of Menlo Park rendering their scores ineligible for club participation under the ARRL rules. Others are temporarily inactive, have no station on the air. Still, I would venture to guess, that we have probably more than 140 members in the area, who are active and have able stations capable of competing in the event.

We have very few members, whose stations are not capable of a 100,000 point score. I have done more than that with a bare-foot T4XB and a Hustler vertical and without staying up for 48 hours. What does it take to make 100 K ? Not that much. 350 QSOs and 100 multipliers. And that may include 250 JAs, for which you dont even have to fight a pile-up. You have 96 hours to do it. If you don't sleep much, that works out to 4 QSOs per hour. For Pete's sake, you do more than that in casual rag-chewing !!

Just consider : if we had a 100 K effort on each mode by just 100 members (allowing for 40 people who just hate CW, or can't stand sideband) we could produce an aggregate club score of more than 20 MILLION POINTS ! Of course, some of our members have much greater ambitions and capabilities, and will produce scores in the several hundred thousand range. All the better. But even without them, us little guys alone could turn the magic stone.

Perhaps you have a station good enough to shoot for one of the trophies to be given out at Fresno. Perhaps not. But without any doubt you have a station that is good enough to shoot for 100 K, and your share of the Perpetual Trophy, which, with an effort from each and every one of us, could be perpetually NCDXC property.

Ultimately, it all boils down to this. Even if you are not a "contester", even if you feel you can't beat anybody with your station, donate four weekends of your time and effort for the Club's benefit. Who knows, you just may have a grand ole time doing it, and pick up some new ones as a bonus.

Let's Beat the South !

Adam, VE3DXV/W6

NCDXC MEMBERS' STANDINGS

CALL	DXCC HONOR ROLL			DXCC INCL. DEL.			5 BAND DXCC					WAZ		WPX	
	MIX	PH.	CW	MIX	PH.	CW	10	15	20	40	80	MIX	PH.	MIX	PH.
WA6AHF					313		100	100	100	100	100		40		800
K6AHV	313			330			100	100	100	100		40			
K6AN	317			351								40			
K6AO	305			317	247		45	41	106	29	53	40			
W6BH				308	302		20	201	271	155	1				
W6BJB					268		68	100	100	35	4		40		
WB6CAB				303	303								40		
K6CQF	310			324			100	100	100	100	100	40			
WA6CXK				269			42	125	205	54	24	40			
W6DOD	315			323	245		110	120	132	101	64	40	40		
K6DC	320			345	200							40			
WB6EXW				121											
W6EYY				274			125	118	172	29	17	40		550	
W6FOZ	318			345											
W6GPB	317			347								40	40		
WA6HRS				295			100	100	100	76	32	40		753	
W6ISQ				333	311		157	189	219	122	110	40	40	847	
W6JHN					146										
W6KG	318			342	251		118	159	182	122	92	40	40	731	
W6KOE					310								40		
W6LQC		293			299		65	100	100	13	47		40		500
K6LU					337										
W6LV				207											
K6MA	313			327	290		100	100	100	100	90				
W6MUR				330								40			
W6MZ				277								40			
W6NKR				289								40			
K6OJO				296	294							40	40		
W6OKK							72	100	100	85	55				
W6OWL				200											
K6OZL				308	100		5	100	100	100	96	40			
W6RGG	317			327	311							40	40	x	x
WB6RIU				254	254		84	119	227	36	70	39	39		
K6RK				223	223		55	92	100	48	87				
K6RU				300	250		100	100	100	100	97	40	38		
DJ6RX				301			100	100	100	100	100	40			
W6TSQ				321			148	100	100	213	180	40			
K6TXR					311								40		
K6TZX				222	84	42						40		533	
K6UGS				125								40			
WB6UJO					294								40		
WB6UOM		284			288								40		
W6VQD					290		25	130	252	51	54		40		
K6VY						124						35			
K6WD				262								40			
PA9WRR				149	145	149	12	18	121	38	55	38	38		
WA6WXP					304							40			
W6YKS				166	53	86	26	48	116	35	25	39		331	
WB6ZHD				196	101							39	39		
W6ZM	322	321					126	137	315	41	99	40	40		
WB6ZUC				249		100						40			
W6ZYC				279	275								40		