

Results, 1983 ARRL International DX Contest

By Mark J. Wilson,* AA2Z and Bill Jennings,** K1WJ

If it wasn't obvious before that the sunspot cycle is on the down side, this year's ARRL International DX Contest brought it into focus with crystal clarity. The ole reliable 10-meter band — which was so outstanding last year and good even during the December 1982 10-Meter Contest — finally went flatter than a pancake. However, the low bands are showing signs of life. Guess it's time to take down the monster 10-meter stacks and put up a big band-stompin' 40-meter Yagi, some Beverages and a bobtail curtain for 80.

Of course, 10 meters wasn't totally dead. The JAs were plentiful on phone; good multipliers from Africa, Oceania, North America and South America abounded on both modes; the Europeans worked some W/VE types (especially W4s and W5s); and the South American and Caribbean stations had the undivided attention of most of the U.S. amateur population on the band those weekends.

With declining sunspots, the number of logs received is also declining. This year marked the first time since 1977 that the number of entrants dropped below 3000. This year, we received a grand total of 2942 — 1463 for code and 1479 for phone. Not quite last year's 3705, this total is nevertheless respectable in light of punk conditions.

W/VE Highlights

This year's W/VE single-op cw plaque turned out to be one of the most hotly contested awards of the contest. Veteran N2LT, who says he's been trying to win this event for 20 years, fought off some stiff competition from Greg, W1KM, to win with an outstanding multiplier total. Congratulations, Lew. Does this mean you have an antenna farm for sale? Most of the other Top-Ten call signs are familiar. Note that N4AR and N8II are the only non-Northeasters on the list.

Compared to the cw results, the phone single-op Top-Ten is a mixed bag. Rich, N6KT, operated AI6V to top position, beating second-place finisher Jeff, K1ZM, at W1ZM by a healthy 350K. This is the first time since 1976 that a West Coast station has won this event. Rich played the game by the books, winning by sheer QSO totals, while Jeff came close to breaking the 400 mark in multipliers. Only four of the Top Ten phone finishers came from the Northeast, as the Midwest and West Coast ops turned in outstanding scores.

N5AW and W2TZ set the pace in the low-power competition this year. These two guys show up every year and usually share top honors. This year, N5AW came in first on cw, while W2TZ grabbed the phone plaque. Looking at the single-op QRP scores, it's apparent that the south was the place to be. AA4AK led the small but dedicated pack on cw, while WB4BBH cleaned up on phone. With declining sunspots, the low-power and QRP categories will require more and more patience. It's refreshing to see that some people still know how to work DX without a kilowatt amplifier.

This year, for the first time since the introduction of single-band categories, we have included

1984 ARRL International DX Contest	
CW	Phone
February 18-19	March 3-4

a table showing the top single-band scores. These single-band listings give clues about how the various bands were in different parts of the country. For instance, the top 160- and 80-meter scores generally come from the East because of the plentiful European contacts and multipliers. The top scores by VE1YX and W8LRL (160) and K1PT and KR2N (80) show that this year in no exception. On 40-meter phone, the big Eastern multiplier totals are no match for the barrage of West Coast JA QSOs, as demonstrated by N6BV. Down at 7.001, however, it's a different story. The close race between N5EA at NA5R and K1UO in Maine was decided by a modest number of QSOs; the multiplier totals are virtually identical. As usual, 20 was anybody's guess. N2PP and KI3P/1 showed a slight Eastern advantage on phone, while K8NA and other Midwesterners showed an advantage on cw. On 15, what can we say? W0ZV moved down a band after last year's 10-meter phone win. Bill spent this year's time wisely and brought home not one, but two 15-meter plaques. Of course 10-meter scores are down dramatically. WB4TDH's winning cw score is but a fifth of last year's top score (not that Andy didn't work as hard), while WA6DBC's winning total, great for this year, is a far cry from last year's 676K.

The multioperator classes underwent a major reorganization this year. Based on extensive membership input, the ARRL Contest Advisory Committee voted to return the multi-single class to one transmitter only and to create a new intermediate multiop class that allows the use of

two transmitters simultaneously. Comments received with the multiop, single transmitter and multiop, two transmitter logs were positive. Frankford Radio Club's very own W3BGN pulled a neat trick this year and won the multi-single class on both modes. Nice job, Steve! K5RC, the former multi-single wizard, orchestrated the top two-transmitter multi cw effort this year. The competition wasn't even close. W4QAW narrowly squeezed past K2TR for the two-transmitter phone award; both stations submitted outstanding scores. Monster-multi N2AA turned the unlimited multi-multi competition into a rout, taking both modes by about 600K. K1OX finished second and K2UA took third on both modes. How's that for consistency?

DX Highlights

North and South America dominated the DX single op competition this year. On cw, N6TJ operated as 8P6J, cleanly whipping all comers.

These four members of the Guernsey ARS helped to operate station GU3HFN in a multi-single phone effort (l-r): GU6JSC, GU6TDE, GU6RIS and GU6SYK.



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DX Plaque Winners

Phone

Category

Single Operator	Winner	Donor
World	ZF2FL (N6RJ)	North Jersey DX Assn.
Africa	CN8CO (W3EMH)	John Shinall, K4BYK
Asia	J11QPU	Acadiana DX Assn.
Europe	EA2QU	Murphy's Marauders
North America	V3CH (K8GU)	Chod Harris, VP2ML
Oceania	KH6ND	Ray Stone, W5RBO
South America	P42J (W1BIH)	ARRL
1.8 MHz	T32AF (KH6UR)	Dana Atchley, W1CF
3.5 MHz	FM7WS	Robert Peterson, W3YY
7 MHz	FM7CD	Alfredo H. Caviedes Vega, HC1HC
14 MHz	YT3A (YU3SO)	Don C. Wallace, W6AM
21 MHz	VP2MKD (K9MK)	ARRL
28 MHz	CP6EL	Mike Badolato, W5MYA
QRP	TG9GI	Gerry Griffen, W8MEP

Multioperator

Single Transmitter

World	KP4BZ	Delta DX Assn.
Africa	ED9EA	David Vogel, NL7P
Asia	JG1ZUY	ARRL
Europe	I5MPN	Metro DX Club
North America	XE1MDX	Nick Lash, K9KLR and Phil Buzolitz, W9SC
Oceania	H44SH	Carl L. Smith, W0BWJ
South America	OA8CW	Hamfesters Radio Club

Multioperator

Two Transmitter

World	VP5KMX	ARRL
Africa	CN8CX	ARRL
Asia	JH7YJF	ARRL
Europe	4N9YU	ARRL
North America	KL7RA	ARRL
South America	YV3BRF	ARRL

Multioperator

Unlimited

World	VK2WU	Gloucester County ARC
Africa	ZS6WB	Dan Robbins, KL7Y
Asia	JA2YKA	ARRL
Europe	I3EVK	Tom and Joy Middleton, WB4CKY
North America	—	Megahertz Manor Maniacs
Oceania	—	Dale Meyers, W4BIM/3D2DM

DX Plaque Winners

CW

Category

Single Operator	Winner	Donor
World	8P6J (N6TJ)	North Jersey DX Assn.
Africa	SM0GMG/CT3	San Diego DX Club
Asia	JA7FWR	Alamo DX Amigos
Europe	I2UBI	Clarke Greene, K1JX
North America	VP2EU (K8MR)	Peter Grillo, KN0E
Oceania	KH6ND	Ray Stone, W5RBO
South America	P42J (W1BIH)	Herb Twitchell, W6BL
1.8 MHz	F8VJ	Jim Dionne, K1MEM and Bill Poellnitz, K1MM
3.5 MHz	CT2AK	Columbus ARA
7 MHz	9Y4VU	Kansas DX Assn.
14 MHz	OH8AV (OH8PF)	Bencher, Inc.
21 MHz	ZY5XFR	Southern New England DX Assn.
28 MHz	LU5DVO	ARRL
QRP	JA1MCU	ARRL

Multioperator

Single Transmitter

World	AH6BK	George Schultz, W0UA and John Brosnahan, W0UN
Africa	5Z4CM	Red Stick DX Assn.
Asia	UK0CAA	Red Stick DX Assn.
Europe	I0MGM	Mile Hi DX Assn.
North America	T12BEV	Tom Taormina, K5RC
Oceania	ZL2AH	ARRL
South America	4K1D	ARRL

Multioperator

Two Transmitter

World	VP5FUX	Tom Frenaye, K1KI
Asia	JA3YKC	ARRL
Europe	SM8AJU	ARRL
North America	KL7RA	ARRL

Multioperator

Unlimited

World	YU1EXY	QRZ DX
Asia	JA7YAA	Dr. and Mrs. Charles J. Ellis
Europe	YU7BCD	W2PV Memorial — Schenectady ARA
North America	—	Williamette Valley DX Club

United States and Canadian Plaque Winners

Phone

Single Operator

All Band	A16V (N6KT)	Frankford Radio Club
1.8 MHz	VE1YX	ARRL
3.5 MHz	KR2N	Lance Johnson Engineering — K0CS
7 MHz	N6BV	Dave Thompson, K4JRB/K5MDX
14 MHz	N2PP	Mark Michel, W9OP and Richard Loehning, N9ACP
21 MHz	W8ZV	John Allyn, W7XR
28 MHz	W4BDBC	Larry Emery, K1UO
QRP	WB4BBH	Rochester DX Assn. — AJ7S

Multioperator

Single Transmitter

World	W3BGN	The VP2E Contest Operators
Two Transmitter	W4QAW	George Taft, W8UVZ and Donald Lenard, W8LDH

Unlimited

World	N2AA	Buffalo Area DX Club — W2RR
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CW

Single Operator

Single Operator	Winner	Donor
All Band	N2LT	Frankford Radio Club
1.8 MHz	W8LRL	W1TX Memorial Trophy
3.5 MHz	K1PT	Northern Illinois DX Assn.
7 MHz	NA5R (N5EA)	Chuck Cullian, K0RF and George Schultz, W0UA
14 MHz	K8NA	Neeah-Menasha ARC
21 MHz	W8ZV	Carl Luetzelschwab, K9LA
28 MHz	WB4TDH	Mike Badolato, W5MYA
QRP	AA4AK	Hollywood ARC

Multioperator

Single Transmitter

World	W3BGN	The VP2E Contest Operators
Two Transmitter	K5RC	George Taft, W8UVZ
Unlimited	N2AA	Colorado Contest Conspiracy

Special Plaque Winners

Category

Single Operator

Single Operator	Winner	Donor
World Combined Score	8P6J (N6TJ)	Yankee Clipper Contest Club
WVE Highest Combined	W12M (K12M)	<i>The DX Bulletin</i>
Total Multiplier (both modes)		
Japan Combined Score	J11QPU	Northern California Contest Club
WVE Operator	K12M	<i>National Contest Journal</i>
Combined Score		
WVE Low Power (cw)	N5AW	Wireless Institute of the Northeast
WVE Low Power (phone)	W2TZ	Rochester DX Assn.
Great Lakes Division (phone)	W8YVR	Livonia ARC
Fifth Call Area (cw)	KZ5M	W5GO Memorial - Red Stick DX Assn.
California (phone)	A16V (N6KT)	Dave Bell, W6AQ
Texas (cw)	—	Dennis Motschenbacher, KZ5M
Texas (phone)	N5JJ	North Texas Contest Club
Caribbean Resident (phone)	NP4P	Arturo Gigante, H18GB
Australia (cw)	VK3DXI	Jay Carr, W6FAY
Japan (cw)	J11QPU	Tom Morrison, K5TM and Randy Thompson, K5ZD
Japan (phone)	JA1ELY	Western Washington DX Club
Israel (cw)	4Z4AB	Martin Hartstein, N6WWW
Israel (phone)	4Z4AB	Martin Hartstein, N6WWW
Scandinavia (either mode)	OZ1LO	John Lindholm, W1XX

Multioperator

Caribbean Multi-single (cw)	T12BEV	The YASME Foundation
Caribbean Multi-single (phone)	KP4BZ	Mike Badolato, W5MYA
West Coast Unlimited Multi-multi (phone)	W7RM	Morris J. Young, KN6M
California Multiop, Two Transmitter (cw)	N6TR	Southern California Contest Club
Most Improved Club (points per entry)	Southern California Contest Club	Steve Place, WB1EYI

K8MR, operating as VP2EU, took second, while perennials HH2VP and P42J battled it out for third. SM0GMG/CT3 is the lone African on the list, while KH6ND upheld Oceania's honor and I2UBI represented Europe.

On phone, we witnessed one of the closest races in a long time. N6RJ piloted ZF2FL to the top of the heap again, followed very closely by K0GU a.k.a. V3CH. 'CH had a couple of hun-

dred more QSOs, but experience paid off as 'FL won it on multipliers. 8P6J (N6TJ) also turned in an excellent 6-meg-plus effort. Congratulations to all in the Top Ten boxes.

The single-band DX scores show that, while all continents can be competitive, North or South America is again the place to be. Note that the five 160-meter cw scores listed represent five different continents, and that most bands have big

scorers from at least three continents.

Multi-single action on cw was hot and heavy between AH6BK and T12BEV, while I0MGM managed a respectable score from Europe. On phone, North America swept this class, with ED9EA being the only across-the-pond station to break 3 million points. Turks and Caicos Islands must be the place to set up a two-transmitter, multiop effort, as both expeditions

Affiliated Club Program

Unlimited Category	Score	Entries	CW Winner	Phone Winner
Frankford Radio Club	52,636,200	96	N2LT	N2LT
Yankee Clipper Contest Club	43,914,834	96	W1KM	W12M
Potomac Valley Radio Club	26,188,287	62	N8II	N4MO

Medium Category

North Texas Contest Club	15,899,430	35	N5TP	K5RX
Mad River Radio Club	14,786,434	33	K3LR	W8BYVR
Texas DX Society	8,507,493	18	KZ5M	N5JJ
Northern California DX Club	8,251,410	46	N6GG	K8HNZ
Rubber Circle Contest Club	6,492,120	12	N7TT	N7TT
Murphy's Marauders	6,434,739	27	K1TO	K1TO
Dixie DXers	2,716,008	10	NQ4I	NQ4I
Southeastern DX Club	2,686,167	7	KX4R	KX4R
Eastern Iowa DX Assn.	2,678,052	25	W0WP	K0CF
Southern California DX Club	2,474,273	17	N6AR	KM6B
Southern California Contest Club	2,315,046	6	—	—
Red Stick DX Assn.	1,900,791	7	W5XZ	W5XZ
Kansas DX Assn.	1,551,261	14	WA0TKJ	WA0TKJ
Western Washington DX Club	1,550,097	17	W6RR	W7BUN
Sheboygan Co. DX Assn.	1,473,816	3	—	—
Order of Boiled Owls of NY	1,313,510	3	K2LE/1	—
Ohio Valley ARA	1,239,984	14	W8JIN	W8JIN
Columbus ARA	1,086,033	18	W8LNO	W8LNO
Mile Hi DX Assn.	1,061,832	12	W0ZV	W0ZV
Rochester DX Assn.	1,043,742	8	—	—
South Jersey Radio Assn.	866,802	16	W2PAU	K2JLA
Mississippi Valley DX/Contest Club	830,138	5	—	—
South Florida DX Assn.	822,045	12	AA4CM	WB4MAI
Northern Ohio ARS	783,768	11	K8NA	W8ANM
Grand Mesa Contesters	781,515	10	KJ0G	K0UK
Eastern Michigan ARC	289,095	13	K8JLB	K8DD
Long Island DX Assn.	144,537	7	W2AYJ	K2MFY

Local Category

Central Virginia Contest Club	9,950,022	7	—	—
Kansas City DX Club	2,827,770	9	KB0G	—
Meriden ARC	1,646,058	10	KA1FGH	N1API
Greater Milwaukee DX Assn.	1,638,180	4	—	—
Ashtabula Co. ARC	1,296,570	9	N3BJ	—
Fraser Valley DX Club	1,265,196	8	VE7IN	VE7IN
Morton Area DX Assn.	1,216,101	9	K9ZO	K9MFI
Central Arizona DX Assn.	1,159,398	5	N7IR	—
Redwood Empire DX Assn.	871,746	5	K6ZUR	—
San Diego DX Club	815,658	7	N6ND	—
Gloucester County ARC	768,869	4	—	—
Grumman ARC	719,922	9	—	WB2FMP
Reading Radio Club	715,206	4	—	—
Four Lakes ARC	702,483	3	—	—
Southwest Ohio DX Assn.	593,048	3	—	—
Dauberville DX Assn.	520,176	9	—	KA3DSW
Williamette Valley DX Club	464,782	3	—	—
Chaut. Co. Amateur FM Assn.	430,548	3	—	WA2ETU
Hollywood ARC	422,265	4	K8UNP	—
Stu Rockafellow ARC	355,113	4	—	KB8IO
Delta DX Assn.	351,409	10	N5JR	W5OB
Northern Illinois DX Assn.	346,130	6	K9AB	—
Central Kentucky DX Assn.	355,247	4	—	—
Point Radio Operating Society	330,687	4	—	—
Ill Wind Contesters	283,266	5	—	WB9POH
Flyweight DX Group	261,225	4	W4VBH	—
Sevier Co. ARC	256,401	4	—	—
Ventura Co. ARC	233,073	8	—	K6VMN
Fox River Radio League	229,341	8	—	K9BQL
Split Rock ARA	212,022	5	WA4PFN/2	—
Alamo DX Amigos	208,386	6	N5HB	N5DDO
Northern Ohio DX Assn.	188,043	4	—	AD8O
Rappahannock Valley RC	153,972	5	WB4LNT	—
University of Pennsylvania ARC	99,233	3	—	—
Lynchburg ARC	79,461	6	AA4FF	—
Utica ARC	77,037	6	WB2SZY	KK2B
Fort Wayne RC	58,320	4	—	W8LT
Hampden County Radio Assn.	55,923	3	—	W1DQJ
Boeing Employees ARS	55,647	3	—	—
West Park Radiops	29,928	4	—	W8IMF



It took a Snow Cat tractor to get KL7RA and AL7CQ to the KL7RA multioperator-two transmitter station site.

Top WVE Single Band Scores — Phone

160	20
VE1YX 3276	N2PP 272,934
AB1A 1848	KI3P/1 248,133
N4SU 912	K5GA 224,352
WB3GCG 810	NA5C 186,660
	KC0AT (K0CL) 176,085
80	15
KR2N 44,091	W0ZV 410,958
WA4SVO 25,137	K3LR 384,129
W4PZV 18,645	NA5R (K5GN) 335,712
NE4G 16,800	K1UO 314,253
WB2VFT 16,380	WB9POH 231,210
40	10
N6BV 105,672	WA6DBC 201,762
W6AQ 72,828	WA5IHS 153,510
(WA6OTU)	K5RC (KN5H) 149,436
W9ZRX 64,638	W0ASM 127,617
K1XA 43,875	W8GOR 83,055
K3LR (K8CX) 37,674	

Top WVE Single Band Scores — CW

160	20
W8LRL 6300	K8NA 119,520
WA2SPL 4350	W1YN 110,946
N4IN 2112	WA9ZPR 104,400
N4SU 1932	K7ZA 100,800
	K9AB 87,822
80	15
K1PT 83,877	W0ZV 184,500
KM1H 43,740	W5VX 185,438
K0RF 26,700	K6LL/7 151,731
N7DF 18,762	N2PP 140,220
W4OO 17,787	VE3KZ 135,351
40	10
NA5R (N5EA) 135,900	WB4TDH 34,608
K1UO 126,084	W8WPC 29,574
AD8C (AD8P) 92,430	(N9AG)
W5JW 84,822	K5TSQ 24,336
N3BJ 83,250	KM9P 10,767
	N0JR 9477

Top WVE QRP Scores (Less than 10 W)

Phone Call	Score	CW Call	Score
WB4BBH	103,680	AA4AK	90,420
WD4AVY	91,524	WB4BBH	84,582
K7BTB	87,042	W9OA	54,126
W6CN	63,600	W9PNE	47,025
W6YVK	61,104	NN4Q	43,884

WVE Division Leaders — Single Operator

Phone	Division	CW
K3NZ	Atlantic	N3BB
W9RE	Central	W9RE
K0CQ	Dakota	W0UO
W5XZ	Delta	W4XJ
W8BYVR	Great Lakes	N4AR
N2LT	Hudson	N2LT
WA0TKJ	Midwest	K4VX/0
W12M	New England	W1KM
N7TT	Northwestern	W6RR
A16V	Pacific	N6GG
N4UH	Roanoke	N8II
W0ZV	Rocky Mountain	W0ZV
NQ4I	Southeastern	W8ZF/4
KM6B	Southwestern	W7IR
N5JJ	West Gulf	KZ5M
VE6OU	Canadian	VE2AYU

to that spot turned in terrific scores. YU1EXY netted top spot on cw in the multi-multi unlimited category on cw, while VK2WU won phone from the other side of the globe. The VK2WU effort came as a big surprise, as did ZS6WB's African multi-multi. We hope that they will be back next year.

Club Competition

Frankford Radio Club flexed its muscles again this year and captured the Unlimited Category gavel. The Yankee Clipper Contest Club finished second again, even though they found 16 more logs than last year. Is it time to concede that Frankford is unbeatable? In the Medium Category, the North Texas Contest Club finally won the gavel that has eluded them for several years. Despite some close competition from the reborn Mad River Radio Club, NTCC pulled ahead by a million points. In Local Category competition, there was no comparison between the Central Virginia Contest Club and the others.

The good ole Southern boys pulled the coup by fielding their usual assortment of multiop entries. Nice job!

Thanks to everyone who operated for making the most of the declining sunspots to make this contest fun. There are still a few months to prepare for the '84 contest, so start working on those 6-element 20-meter Yagis and hope for the best.

SOAPBOX

I just spent a few days going back over my logs and old QSTs to see how many ARRL DX Competitions I have been in, and was quite surprised by my findings: 39 of the 49. My first was in the second Trans-Atlantic Test in 1922. I was issued a five letter code by the ARRL. Considering my small antenna system and the fact that I missed two of the 10 scheduled nights, I did quite well. I had no idea that my signals were being heard in Europe; otherwise, I would have transmitted on those other two nights. The Test ran from December 12 through 31. On the first 10 nights, U.S. and Canadian stations transmitted; on the other 10 nights, we listened for European stations . . . In 1932, it was called

Top Ten — W/VE Phone

Call	Score	160	80	40	20	15	10
A16V (N6KT)	1,998,975	2/2	54/24	375/49	293/73	1244/70	455/57
W1ZM (K1ZM)	1,641,027	22/20	95/52	127/54	538/105	465/104	152/56
K1AR	1,466,934	11/10	66/45	95/51	616/108	394/98	136/59
W9RE	1,414,584	12/10	49/37	124/59	349/96	484/94	314/58
WA8YVR	1,310,520	8/7	68/43	101/44	465/99	482/83	216/50
W1RR	1,294,380	20/18	121/55	152/54	532/80	326/74	118/74
N2LT	1,292,508	4/4	50/31	93/53	575/96	441/78	173/60
KM6B	1,211,760	0/0	72/21	360/44	124/53	1031/59	249/43
K6HNZ	1,196,910	2/2	86/26	276/23	196/45	779/51	707/48
N1GL	1,094,112	10/10	64/42	81/49	255/95	440/97	198/55

Top Ten — W/VE CW

Call	Score	160	80	40	20	15	10
N2LT	1,521,330	13/11	117/51	370/70	649/82	339/67	82/42
W1KM	1,491,543	5/5	241/63	360/66	586/79	353/62	64/34
W1ZM (K1ZM)	1,377,513	27/19	134/52	343/59	596/77	306/69	61/37
N4AR	1,335,756	7/7	92/51	286/72	456/76	509/72	68/37
K1JX	1,289,700	11/11	150/49	374/64	528/76	305/60	68/40
K1TO	1,286,637	12/11	107/51	278/59	561/81	375/69	64/36
N3BB	1,123,620	4/4	91/49	248/65	399/73	414/73	64/43
K1BW	1,109,016	11/10	101/40	245/62	527/83	329/65	53/32
W1RR	1,047,696	15/12	187/52	181/57	405/69	314/60	94/42
N8II	1,026,160	2/2	100/47	242/57	447/78	376/64	57/32

Top Ten W/VE Low-Power Scores (Less than 200 W)

Phone

Call	Score	160	80	40	20	15	10
W2TZ	358,545	0/0	14/12	25/19	188/64	227/69	129/41
KA2AEV	267,330	0/0	6/6	10/9	166/58	173/67	114/50
KB3WX	196,392	0/0	34/25	59/42	103/57	96/44	42/28
N8CXX	161,634	0/0	3/5	18/13	103/56	154/56	63/28
WA4PFN/2	153,984	0/0	0/0	0/0	220/62	115/35	66/31

CW

Call	Score	160	80	40	20	15	10
N5AW	445,680	4/3	35/25	154/48	158/63	164/58	104/43
W2TZ	335,775	0/0	23/22	98/40	200/53	261/52	23/18
KC2FV	244,296	0/0	45/27	55/32	240/42	163/43	19/12
W7XN	230,400	0/0	4/2	130/30	131/38	345/34	29/16
WA1FCN	205,587	0/0	18/12	53/29	201/60	138/43	21/15

Top W/VE Multioperator Scores — Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
W3BGN	1,569,726	6/9	90/48	127/69	580/97	428/95	187/51
K6XT	1,362,240	3/3	45/24	264/40	238/65	867/59	475/49
W3MA	1,089,360	6/6	55/35	86/53	423/103	382/91	116/52
K3TUP	1,081,590	8/7	37/28	120/52	357/86	455/85	186/52
K2VV	997,542	11/10	50/32	69/39	406/82	422/75	73/56

Two Transmitter

Call	Score	160	80	40	20	15	10
W4QAW	2,791,068	14/13	93/49	154/75	629/126	887/109	309/74
K2TR	2,768,112	27/23	85/50	106/57	997/112	833/107	208/60
K4CG	2,078,505	14/14	112/53	155/75	512/114	617/103	205/70
K4VX/0	1,967,640	6/6	65/36	186/60	497/107	653/101	319/70
AB0A	1,932,066	3/3	46/28	176/49	554/104	885/89	270/60

Unlimited

Call	Score	160	80	40	20	15	10
N2AA	5,602,131	37/29	255/77	347/86	1175/129	1172/133	453/89
K1OX	5,053,020	30/23	184/68	262/88	1362/140	924/122	416/90
K2UA	4,846,815	33/26	278/82	274/88	1194/143	797/126	335/80
N5AU	4,727,712	7/7	96/49	509/79	723/142	1231/114	690/93
W7RM	4,222,125	7/5	125/36	476/60	931/118	1757/88	472/68

Top W/VE Multioperator Scores — CW

Single Transmitter

Call	Score	160	80	40	20	15	10
W3BGN	1,460,916	20/19	164/58	266/63	581/79	391/65	81/40
N4UM	1,137,063	3/3	102/50	249/57	413/67	540/58	122/34
K8ND	1,031,429	11/13	48/32	176/64	448/72	540/69	41/22
K5LZO	1,026,207	2/2	36/20	364/63	310/77	469/66	72/45
W3GRF	993,240	5/5	91/46	213/62	435/71	457/62	39/22

Two Transmitter

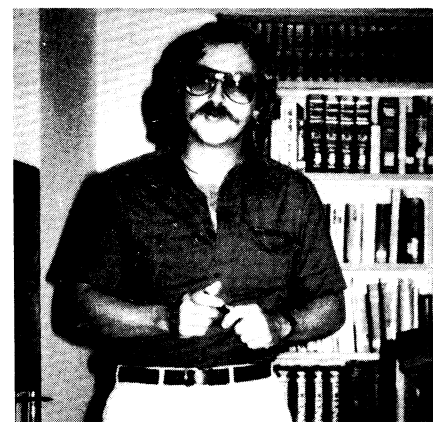
Call	Score	160	80	40	20	15	10
K5RC	2,600,169	14/12	126/51	685/83	425/92	764/81	284/58
K4CG	2,107,314	28/21	173/60	408/77	672/92	555/73	82/44
K3VV	1,844,780	12/12	180/60	210/66	586/83	508/79	84/47
K2VV	1,463,629	7/7	132/44	223/64	731/82	500/74	49/30
W8BJM	1,266,143	4/4	101/48	229/67	446/83	504/68	78/40

Unlimited

Call	Score	160	80	40	20	15	10
N2AA	4,294,695	28/21	387/79	738/92	1110/105	769/86	185/62
K1OX	3,687,648	31/24	331/66	697/89	962/101	679/90	172/58
K2UA	3,245,436	35/26	345/72	707/76	840/100	674/84	160/56
W3LPL	3,151,548	45/30	191/60	644/98	839/98	695/81	138/54
N5AU	2,749,680	12/10	111/52	698/73	553/97	787/88	251/60



Bill, W0ZV, used this HP desktop computer to dupe his 15-meter single-band entries on both modes. By the way, Bill turned in the top single-band 15-meter scores for W/VE stations on both modes.



Budding contester Mike, K3UOC, went portable from YV4-land and took home top honors on both modes as the all-band single operator in Venezuela.

the International Goodwill Test — B.B. (before beams). I was the cw winner for ENY (in 1947, '48 and '49). No chance after that, as I was using my little 66-ft flat-top antenna, which was fed with open-wire line. I still enjoy the tests and consider myself old-fashioned, as I have yet to send a "CQ TEST," but I may break down yet (Hi!) (W2AWF since 1920). I remembered half way through the contest that the rare U.S. multipliers were more likely to be worked outside the U.S. Extra-only frequencies . . . more Ws could have picked up DX multipliers by listening instead of calling CQ (7P8CG/KB3R). I thought that this was the best cw contest yet, as there was excellent cooperation by everyone in the pileups (K6DR). I must tell you that I didn't have much luck during the contest because propagation was not all that great for QRP. Other signals from Europe were much too strong into the U.S. and Canada for my 1 W to be heard well (EA8EY). Activity was surprising on 10 and 40 meters. We held the frequencies for as long as we wanted with high QSO rates. Things were a little tougher on 15 and 75 meters, especially on 75 the first night. We were grateful for each 75-meter QSO (VK2WU). I operated from Goot-frontier in the northeast part of Namibia (ZS3) while I was there on a project for the South African Government (ZS6BPJ/ZS3). Many thanks for the new two transmitter multi-multi class. It's just the thing that a small club like ours needed. Many thanks for proper rules to avoid violations and other pigholes. Propaga-

Top DX Single Band Scores — Phone

160		20	
T32AF	1749	YT3A	145,179
(KH6UR)		(YU3SO)	
YV2IF	405	ZY5OC	144,372
		KH7AA	115,056
80		YV7QP	82,350
FM7WS	106,704	ON5FS	72,200
HC1HC	99,954		
CT2AK	66,435	VP2MKD	545,661
CT4KQ	26,826	(K9MK)	
YU4BR	24,738	LU2MM	350,112
		(K1MM)	
40		F2SI	323,232
FM7CD	240,408	JA2APA	183,975
HI8GB	134,037	JA8WKE	152,595
XE1LCH	111,540		
CT1AOZ	93,000	10	
LU8DQ	74,088	CP6EL	374,880
(LU6ETB)		XE1LLS	252,054
		V3TV	202,113
		VK5ARO	172,536
		LU1VK	151,368

Top DX Single Band Scores — CW

160		20	
F8VJ	3600	OH8AV	204,003
KH6IJ	3240	(OH8PF)	
G3SZA	3168	LU9EIE	179,355
K0GVB/C6A	2394	G3FXB	151,845
JA2YEF	84	YT3A	145,800
80		(YU3TVI)	
CT2AK	66,285	KP4FV	126,360
DL1JW/HP1	65,274		
IEAT	53,520	15	
G4CNY	46,398	ZY5XFR	124,578
W9NXD/HR2	40,764	G4GIR	116,547
		OH6AM	100,650
40		(OH6LK)	
9Y4VU	200,070	JA3YQP	82,950
YU3EY	129,300	(JF3PLF)	
CT1AOZ	108,900	HA4ZZ	81,585
YU2SD	85,407	10	
UR2RRR	72,765	LU5DVO	132,888
		VK4XA	46,440
		PY2SHI	25,764
		JJ1NUB	20,160
		PY2CAR	17,082

Top DX QRP Scores — Phone and CW

Phone		CW	
TG9GI	936,144	JA1MCU	100,605
NP4FR	208,760	JR2BNF	74,046
J13BFG	30,576	HA5KD	30,240
JH3LCU/1	25,110	DF4ZL	21,624
JR2BNF	23,760	DL9CE	18,753

tion was poor, especially on 21 MHz, because of the aurora . . . The night opening on 10 meters was very unusual, and I think that many stations missed it (OH3AA/OH3RF). An example of the poor conditions was that on the first night we had three operators working for eight hours to make only 27 QSOs, and we worked *everything* that we heard. (G4BP). Please observe that this log (phone) contains the calls of some stations which were not worked. The reason is that they were listening in the cw portion of the 40-meter band. I am very sorry that they missed the extra points that I could have given them. However, what they might have lost in missing my points they obviously compensated for in working a number of other European stations. I regret that some operators on this side do not respect the band plan of the region, which recommends cw only between 7000 and 7040 kHz and phone between 7040 and 7100 kHz. Contesters should be informed of this band plan, and should not encourage this kind of "out of band" operation (LA2EG). I would like to thank all the stations who worked me, with a special "Doomo Arigatoo" to all of my JA friends (NSDDO). I found it hard to believe that this was the same 10-meter band that was so good three months ago for the 10 Meter Contest. I worked more JA stations than Europeans (N3AZS). Now that everybody has RIT on the rigs, there is an increasing tendency to call a station a few hundred hertz off, thus creating more QRM than necessary (VK4VU). What kind of credit can I get for working 27 states and 3 provinces in response to my "CQ Contest?" (N4QB). [The only credit we can give you for that, Joe, is credit for a lot of patience! — Ed.] We recorded the lowest solar flux for this contest since 1977. Ten meters was not as good as in re-

Top Ten — DX Phone

Call	Score	160	80	40	20	15	10
ZF2FL (N6RJ)	6,578,928	82/31	510/56	648/56	1451/57	1281/57	3012/57
V3CH (K0GU)	6,576,471	50/24	334/50	944/56	1112/55	1800/56	3341/56
8P6J (N6TJ)	6,079,200	86/26	361/51	378/50	1891/57	1518/57	2570/57
HH2CQ (K4JPD)	4,447,440	54/43	491/50	474/51	1447/55	1288/56	1360/55
VP2MBA (W7FP)	4,081,230	22/14	229/42	573/49	867/57	1348/57	1926/55
P42J (W1BIH)	3,485,133	0/0	427/48	187/42	854/57	1116/57	1867/57
KH6ND	3,041,595	1/1	384/48	488/52	614/53	685/53	1683/56
KH6RS (A16V)	2,699,250	10/4	251/46	321/43	614/50	1715/55	668/52
LU1BR	2,596,438	0/0	14/11	130/33	1129/57	1109/54	1704/56
K3UOC/YV4	2,170,674	0/0	52/20	198/38	1406/56	1488/55	318/40

Top Ten — DX CW

Call	Score	160	80	40	20	15	10
8P6J (N6TJ)	4,050,144	55/25	258/45	488/52	1521/56	1184/55	1198/54
VP2EU (K8MR)	3,620,535	119/33	426/47	563/51	923/53	923/56	1137/55
HH2VP	3,437,769	164/31	379/49	703/54	906/65	976/54	783/51
P42J (W1BIH)	3,420,576	85/30	370/49	647/50	840/56	939/56	971/55
SM0GMC/CT3	2,689,638	0/0	378/42	734/46	1131/53	922/53	598/44
8P6GG (N8DCJ)	2,376,360	0/0	242/45	571/48	779/51	1137/56	491/46
K8WVW/VP9	2,234,793	0/0	512/48	660/52	987/54	623/50	309/37
KH6ND	1,928,850	30/18	349/46	475/55	470/52	627/52	387/52
K3UOC/YV4	1,654,029	0/0	0/0	815/51	841/53	757/52	330/45
I2UBI	1,222,416	0/0	247/33	477/44	532/49	592/54	111/28

Top DX Multioperator Scores — Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
KP4BZ	5,363,631	6/5	371/49	495/51	1528/57	1684/55	2519/56
XE1MDX	4,114,893	0/0	468/49	451/53	923/55	956/55	2301/57
V2AXA	3,486,276	0/0	320/43	62/21	1175/51	1779/54	1806/57
ED9EA	3,000,330	28/19	331/38	502/44	1515/53	1310/56	236/45
ZF2GW	2,876,385	0/0	211/42	155/39	571/45	1007/54	2071/53

Two Transmitter

Call	Score	160	80	40	20	15	10
VP5KMX	9,954,537	196/40	849/56	1151/56	2220/57	2778/57	3079/57
YV3BRF	6,779,985	125	151	153	155	158	155
CN8CX	4,194,405	0/0	302/39	557/43	1332/56	2135/56	1289/55
KL7RA	1,729,887	0/0	33/6	101/22	360/54	1089/55	1436/54
JH7YJF	1,127,976	0/0	1/1	187/24	343/46	1002/52	653/49

Unlimited

Call	Score	160	80	40	20	15	10
VK2WU	3,261,996	0/0	22/12	515/53	1553/54	534/52	2145/57
JA2YKA	1,931,997	0/0	156/29	333/43	598/52	953/52	797/51
JA9YBA	1,695,267	0/0	109/18	308/42	451/49	998/54	787/50
JA7YAA	1,615,464	0/0	68/16	382/46	438/47	652/53	943/54
I3EVK	1,572,651	39/16	299/33	327/36	1016/55	970/50	10/7

Top DX Multioperator Scores — CW

Single Transmitter

Call	Score	160	80	40	20	15	10
AH6BK	2,813,748	8/5	420/46	800/54	785/53	928/54	585/54
TI2BEV	2,663,100	21/12	450/51	578/48	780/53	739/55	732/50
I0MGM	1,741,707	0/0	238/35	782/47	820/55	671/50	140/32
F3TV	1,597,296	0/0	384/39	494/41	765/50	623/53	222/31
YT3M	1,282,902	0/0	245/38	668/44	522/49	627/51	55/20

Two Transmitter

Call	Score	160	80	40	20	15	10
VP5FUX	6,048,456	78/25	761/52	1360/56	1704/57	1823/57	950/55
KL7RA	855,162	0/0	6/2	62/15	848/52	752/55	183/30
SM0AJU	644,412	0/0	71/25	180/38	763/55	276/47	4/3

Unlimited

Call	Score	160	80	40	20	15	10
YU1EXY	1,815,516	0/0	326/36	589/51	768/55	928/51	115/29
YU7BCD	1,405,332	2/2	146/25	554/47	748/49	609/50	215/33
EA3MM	1,275,750	0/0	316/36	452/44	677/48	356/45	225/37
JA7YAA	940,188	1/1	105/22	359/44	523/53	562/53	117/15

cent years. No strong, direct European signals were noted here. That made the intensity of the pileups on the Caribbean/Central and South American stations even rougher. JA stations provided the bulk of the activity on 10 meters here, although the opening did not last as long as in recent years (WA5IYX). I wonder if those ops who called "CQ TEST" all day actually worked anybody? They must be given credit for persistence (W0LP). Where were all the Europeans looking for Wyoming on 40 meters (WB7RGN)? I had lots of fun, but sure miss the old days of "high band/low band" entries (W9LT). It was more difficult working the contest with my QRP rig, but at least I avoided TVI problems with my neighbor (DF4ZL). We operated out of my shack (WP4BVU) and used NP4EJ's call (since I must have severely upset someone at the FCC to get such a call) (WP4BVU/NP4EJ). I did QRP

operation in both the phone and code sections of the contest, and I am glad that the stations on the other end of the QSO have good ears to pick out my signal (Hi!) (JR2BNF). With 20 meters closing early (cw) on Friday, 40 meters was impossible from the West Coast to anywhere. I made nine QSOs and went to bed (W7XN). I called 7P8CG for 20 minutes and finally worked him. I then went down the band to CQ, and 7P8CL answered right off the bat. Talk about being flabbergasted! I then worked some good multipliers up high in the band, with no competition. I guess the Big Guns' rigs don't go above 50 kHz from the bottom of the band (WD8IXE).

FEEDBACK

Please note the following corrections to the results of the 1982 ARRL International DX Contest starting on



CT2AK took top European honors on both cw and phone on 3.5 MHz.

DX Continental Leaders — Phone

	Africa	Asia	Europe	North America	Oceania	South America
All Band	CN8CO	JI1QPU	EA2QU	ZF2FL	KH6ND	P42J
1.8 MHz	—	—	—	—	T32AF	YV2IF
3.5 MHz	—	—	CT2AK	FM7WS	—	HC1HC
7 MHz	ZS6DW	JA2BAY	CT1AOZ	FM7CD	—	LU8DQ
14 MHz	W3KHQ/ZS	JH3DPB	YT3A	KP4FHX	KH7AA	ZY5OC
21 MHz	ZS6ZS	JA2APA	F2SI	VP2MKD	W7P50/KH6	LU2MM
28 MHz	ZS6OX	JJ1NUB	CT1AV	XE1LLS	VK5ARO	CP6EL
Multi-Single	ED9EA	JG12UY	OK1DKS	TG9GI	AH6EK	—
Multi-Two TX	CN8CX	JH7YJF	I5MPN	KP4BZ	H44SH	OA8CW
Multi-Unlimited	ZS6WB	JA2YKA	I3EVK	VP5KMX	VK2WU	YV3BRF

DX Continental Leaders — CW

	Africa	Asia	Europe	North America	Oceania	South America
All Band	SM0GMG/CT3	JA7FWR	I2UBI	8P6J	KN6ND	P42J
1.8 MHz	—	JA2YEF	F8VJ	K0GVB/C6A	KH6J	—
3.5 MHz	—	JA2NDQ	CT2AK	DL1JW/HP1	ZL2TX	PY1BOA
7 MHz	5N6SKD	JI1QOI	YU3EY	VP2ES	VK3AEW	9Y4YU
14 MHz	ZS8ME	UA0SAU	OH8AV	KP4FV	ZL3AGI	LU9EIE
21 MHz	EA5YU/EA8	JA3YQP	G4GIR	—	KH6WT	ZY5XFR
28 MHz	—	JJ1NUB	YU3C	W2KN/PJ7	VK4XA	LU5DVO
QRP	EA8EY	JA1MCU	HA5KD	—	W4KSF	PY2TU
Multi-Single	5Z4CM	UK0CAA	I0MGM	T12BEV	AH6BK	4K1D
Multi-Two TX	—	JA3YKC	SM0AJU	VP5FUX	—	—
Multi-Unlimited	—	JA7YAA	YU1EXY	—	—	—

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Phone: In the Santa Clara Valley section, K6HNZ is incorrectly listed as a single op. His score should be listed as the second-place sixth call area multi-single. In Kansas, WA0TKJ's multiplier should read 256, not 156. KN6M (+JE3s CYV, EPK, JF3OLF, JG3RPL, JH3DPB, KB6s YF, XN, KD6T, N6BPL, W6SZN, WA6AVS, WB6KNU, WD6DVP) 5,441,100-5182-350-C-EB should be listed as the number 7 multi-multi. CT2CE should be shown as the 3.5-MHz European continental leader. SM5DQC's first-place 14-MHz score should have been listed as the second-place phone 14-MHz score.

CW: The call sign of the number two all-band Maritime-Newfoundland entrant should read VE1CEG, not VE1AEG. KA3CRC, listed as the top EPA QRP scorer, really belongs in WPA. KO7G's 10-meter single-band score was incorrectly listed as a phone entry; he should be listed as the top WA 10-meter

cw entry. K3WGR in EPA should have been listed as a multi-single entry with second op WB3CAC. The K5WA (K5GA, opr) 25,272-162-52-C STX 40-meter single-band winner wasn't listed. We discovered his entry wrapped up in K5WA's 15-meter single-band dupe sheet. Sorry, Mr. Bill! The operator of 9U5WR was SP6BAA, not SP6FER; SP6FER is the QSL manager.

SCORES

The scores are listed by mode — phone and cw. For both W/E and DX scores, single operators are listed first, followed by multiplier, single transmitter, then multiplier, two transmitters, and then multiplier, unlimited. W/E single-operator scores are broken down by call area and ARRL Section. W/E multi-single scores are broken down by call area only. All W/E multi-op two-transmitter and unlimited scores are grouped together in descending order by score. DX single-op and multi-op scores are broken down by contingent and country. Under each ARRL

Section (and country for DX), single-op scores are listed in descending order by category. All-band scores are listed first, followed by 160, 80, 40, 20, 15 and 10-meter single-band scores. QRP scores follow single-band scores.

Each line score lists the following information: call, score, QSOs, multipliers, power input used (A = 10 W or less, B = 11-200 W; C = more than 200 W). The first station in each category has a designator following the power indicator (AB indicates all band; single-band entries are indicated by 160, 80, 40, 20, 15 or 10; QRP entries are indicated as QRP). W/E multi-op entries have their ARRL Section abbreviation after their power designator. Example: In Connecticut, the top all-band phone scorer is W1ZM. The top low-power (200 W or less) entrant is K1YRP. K1MR has the top 80-meter single-band score, K1XA the top 40 m, K8HVT/1 the top 20 m, K1RM the top 15 m, K1EM the top 10 m and KA1CZF the top QRP score.

W/E — Phone		NIRC		WB1HIH		WB2RNT		WB2YQO	
Single Operator		W1DYH		W1RED		WB2PUE		KB2SE	
1		W1FWM		K1BE		WB2CBA		K2WNN	
Connecticut		KA1EKR		KA1DNX		K2MFY		W2RKO	
W1ZM (K12M, opr.)		KA1CLV		W1BR		W2KZE		K2GZG	
K1TO		KC1X		N1XZ		K2DOD		K82NU	
K1WA		N1BTW		W1ZAM		—		KR2B	
K1KI		W1PLJ		W1DCJ		—		W2FUT	
N1API		AB1A		KA1CDC		—		W2PNT	
K1YLR		W1RX		N1BZG		—		W2LZL	
W1AW (W3AZD, opr.)		K1VUT		K1KNQ		—		K2CDE	
K1TJ		AJ1I		—		—		N2PP	
K1WA		W1AER		—		—		K2ZF	
K1KI		W1DA		—		—		K2SG	
N1API		K1RB		—		—		W2LOG	
K1YLR		—		—		—		K2VTV	
W1AW (W3AZD, opr.)		—		—		—		W2H	
K1WJL		—		—		—		W2SZY	
K1VDF		—		—		—		K2PHQ	
K3FN		—		—		—		W2JXC	
AB1U		—		—		—		W2FBE	
K1IG		—		—		—		—	
W1DO		—		—		—		—	
K1YRP		—		—		—		—	
W1VH		—		—		—		—	
W1WEF		—		—		—		—	
AA2Z		—		—		—		—	
K1BV		—		—		—		—	
W1MVM		—		—		—		—	
K1WJ (AA2Z, opr.)		—		—		—		—	
K1IUM		—		—		—		—	
K1VDSQ		—		—		—		—	
W1ATCA		—		—		—		—	
K1JFJ		—		—		—		—	
W1AB		—		—		—		—	
K1IR		—		—		—		—	
K1F		—		—		—		—	
W1EIAZ		—		—		—		—	
K1XA		—		—		—		—	
K8HVT/1		—		—		—		—	
K1RM		—		—		—		—	
K1YXG		—		—		—		—	
K1EM		—		—		—		—	
W1FCN		—		—		—		—	
K1W		—		—		—		—	
K1B1		—		—		—		—	
K1CZF		—		—		—		—	
Eastern Massachusetts		—		—		—		—	
K1AR		—		—		—		—	
K1AGG		—		—		—		—	
W1KM		—		—		—		—	

North Dakota

K9QK 116,973- 317-123-C-AB
K10R 10,881- 93- 39-C
K09CU 9450- 90- 35-C-15

South Dakota

W09BH 55,350- 225- 82-C-AB
W09AL 12,852- 84- 51-B
W09U 11,562- 82- 47-C

VE

Maritime — Newfoundland

VE1CCM 42,048- 192- 73-C-AB
VE1QU 32,688- 227- 48-B
VE1YX 3276- 39- 28-B-160
VE2CW 139,230- 546- 85-B-20

Quebec

VE2EG 44,583- 193- 77-C-20
VE2UN (VE1BHA, opr.)
VE2FJR 121,770- 495- 82-C-15
5850- 65- 30-B-10

Ontario

VE3CCO 176,670- 390-151-C-AB
VE3LD 116,280- 255-152-C
VE2WA/3 108,882- 263-138-C
VE3LAJ 58,590- 186-105-B
VE3IRF 2808- 36- 26-B
VE3YV 2178- 33- 22-C
VE3GWM 2070- 30- 23-C
VE3BN 192- 8- 8-C-160
VE3CUI 108- 6- 6-C-40
VE3JTB 360- 12- 10-B-15
VE3NBE 17,202- 122- 47-C-10
VE2AEJ/3 1890- 35- 18-A-QRP

Manitoba

VE4RP 85,707- 321- 89-C-AB
VE4CC 52,323- 163-107-B
VE4EX 4212- 54- 26-B-10

Saskatchewan

VE5RA 430,800- 718-200-C-AB
VE5AE 31,590- 135- 78-B
VE5ADA 37,830- 194- 65-C-20

Alberta

VE6OU 806,820-1190-226-C-AB

British Columbia

VE7IN 372,294- 962-129-C-AB
VE7AA 344,598- 727-158-C
VE7BSH 11,316- 92- 41-C-20

N.W.T. — Yukon

VT1DD 2394- 38- 21-B-20

W/VE — Phone

Multioperator
Single Transmitter

I

AG1C (+W1YN) 955,434- 986-323-C-EMA

KB1H (+K9ZO)

687,690- 810-283-C-CT
KG1D (+K1NYK, KAI1VC)
537,840- 747-240-C-CT
K1XM (+K1PR, KAI1GR, N1CW)
501,015- 635-263-C-EMA
N1AU (+A1J1, WAI1ZJ)
245,115- 419-195-C-EMA
KM1C (+K1BT)
137,700- 300-153-C-NH
W1IH (+KAI1FY)
136,323- 297-153-B-EMA
KM1P (KAI1AJZ)
2166- 38- 19-B-CT

2

K2VV (+N2JJ)
997,542-1131-294-C-WNY
K2FL (+W2JSH)
591,360- 704-280-C-SNJ
W2BHK (+W2NM)
566,928- 744-254-C-SNJ
W2LQO (K2s DOD, OB, UAT,
KB2UB, KC2DN, N2DYE, W2DKM, oprs.)
382,788- 588-217-C-NLI
W2AZO (+N2ECD)
367,992- 538-228-C-ENY
K2TD (+net)
266,526- 442-201-C-SNJ
W2UI (+N3KR)
242,721- 447-181-C-SNJ
N2AIF (multiop)
76,230- 210-121-C-ENY
W2BMW (N2RB, W2PPO, oprs.)
15,310- 94- 55-B-NLI

3

W3BGN (+KB3AG, K3BB)
1,369,726-1418-367-C-EPA
W3MA (+K3ZA)
1,089,360-1068-340-C-EPA
K3TUP (+A18S, K3BA, K3BIZ, K3JL,
N3BJ, W8CY)
1,081,590-1163-310-C-WPA
W3KEV (+K3IFG, W3EUL)
334,836- 524-213-B-EPA
W3SPJ (+KB3WM, N3AQL, W3KBH,
W3FPL)
329,130- 530-207-C-EPA
N3ARK (+K3BM)
286,200- 450-212-C-EPA
K3HP (+K3BIE)
225,522- 402-187-C-EPA
N3GB (+net)
223,965- 395-189-C-MDC
KC3D (multiop)
135,525- 325-139-C-MDC
K3UEI (+net)
120,012- 274-146-C-EPA
W3HYX (+W3YUD)
91,881- 249-123-B-EPA

4

AA4VK (+K4NYV, N4SF, W4B,
W4YZX, W4As J1W, TLI)
718,479- 823-291-C-NC
W4QQV (+N4AOC, W4AQM, W4MDY,
W4H)
534,936- 719-248-C-KY
K4CY (+W4ACTA, W4PRX)
651,485- 635-237-C-TN
W4VBH (+N4DU)
128,520- 280-153-C-TN

N4TX (+Net)

5700- 50- 38-C-VA
K5QY (+K5SK, K5P, N5s BQ, EG)
508,320- 706-240-C-NTX
W5TUT (+K5KAV, W5FUE)
132,660- 335-135-B-OK

6

K6XT (+N6ND)
1,362,240-1892-240-C-SDG
W6BIP (+W6As AUE, DJI)
472,935- 769-205-C-SF
W6UE (AA6RX, N6DLU, W6Bs RJH,
YTU, oprs.)
274,383- 709-129-C-LAX
K6GV (+net)
81,840- 220-124-C-SCV
K6PQ (+net)
75,828- 356- 71-B-SCV
W6OAT (+net)
65,988- 188-117-C-SCV
N6CCL (+net)
57,684- 253- 76-C-EB
K6WL (+ACOP, K6DNT)
43,092- 266- 54-B-SF
KF6AB (+net)
16,698- 121- 46-B-SCV

7

W7RO (+W7s DQM, EKM, W7ZNC,
W7CLD)
621,606- 982-211-C-WA
W7UEC (+W7W, K7YN, N7J, N7EQ,
W7s BUI, W7BSY)
319,548- 859-124-C-NV
W7DC (K7As JBW, J1W, HWE, KUE,
W7ILV, W7s PEI, UUT, oprs.)
209,880- 583-120-C-WA
W7DHC (+K7GK, N7GQ, W7FBO)
186,219- 513-121-C-WA
W7DK (K7s ETU, GYP, QLC, K7NSR,
K7V, K7UR, N7DRT, W7DWM, W7s
IVO, OII, RWK, W7QCM, oprs.)
92,796- 418- 74-C-WA
W7NCN (+K7M)
69,204- 316- 73-B-WA

8

W8JBM (K8BXX, K8WM, K8BN,
N8s ATR, DMM, EDE, W8JJP, oprs.)
851,928- 922-308-C-OH
K8CC (+N8s DET, DJI, W8RRR)
695,016- 788-294-C-MI
W8UCW (+W8BHD, W8BMC)
259,308- 441-196-C-OH
W8LT (K8BYH, W8BPH, W8LXE, oprs.)
132,696- 291-152-B-OH
N8II (+net)
122,472- 252-162-C-WV
K8US (+Net)
89,661- 249-121-C-OH
W8TMF (+W8BSGL)
51,552- 179- 96-C-OH

9

W9AII/9 (+K9s FVF, TC, KM9,
W9UC, W9RBU)
508,896- 684-248-C-WI

W9QQ (+K9BYW, N9CB, W9RGA)

441,768- 632-233-C-IL
K59W (+K9GX)
156,450- 350-149-C-IL

0

N0ST (+A0DO, N0s DV, ERM, KY0S)
604,404- 978-206-C-CO
K0JSY (+K0PR, K0DQ, W0WP)
543,864- 731-248-C-IA
K0SR (+K0P)
429,840- 597-240-C-MN
K0RB (Multiop)
422,304- 664-212-C-MN
W0QMU (+A0ESW, K0MAT, K0TH)
361,197- 599-201-C-KS
K0BV (+A0UM)
336,582- 542-207-C-IA
K0SCH (+K0DI, K0BQ, W0WR1)
313,020- 564-185-C-NE
W0UFL (+K0JUIJ)
264,228- 454-194-C-IA
W0UN (+K0RF, N0CQJ)
210,795- 611-115-C-CO
K0MR (+K0MP, W0HRH)
140,598- 321-146-C-MO
W0EAN (+K0CKX)
69,201- 233- 99-C-IA
K0WP (+W0RBI)
61,608- 302- 68-C-CO
A0OE (N0s BXM, CPC)
55,755- 177-105-C-KS
K0INR (+K0PF)
2511- 31- 27-C-IA
KJ0C (+KJAs)
900- 25- 12-B-CO

VE

VE6AO (VE6s AMR, CCL, CQ, CPT,
CQC, oprs.)
11,424- 112- 34-C-AB

W/VE Phone

Multioperator
Two Transmitter

W4QAW (+CX1EK, K3s EST, RV
N4EA, W3Z2)
2,791,068-2086-446-C-VA
K2TR (+AG2X, K2XA, N3CM, W2SPL)
2,768,112-2256-409-C-ENY
K4CG (K3s TW, WUW, K4POL, K7SV, oprs.)
2,078,505-1615-429-C-VA
K4VX/0 (+K4MD, W4NC, K4RY)
1,967,640-1726-380-C-MO
AB91 (+AB9s K8s CS, RWL, TLM, UAA,
K8Bs U, WD, K8ML, W8JLC)
1,932,066-1934-333-C-CA
K8ND (+AD8I, K3JT, K8EM, K8CNR,
K8UE, W9OBF)
1,851,048-1641-376-C-OH
K1RX (+K1CC)
1,719,903-1537-373-C-CT
N4RJ (+AA4s GA, NC, KC4GR, W8ZF)
1,707,552-1568-363-C-GA
K3EE (+K3s W, W, W3RJ)
1,661,922-1454-381-C-EPA
AA6T (+K6LAF, NS6G, W6HKKP)
1,497,195-2037-245-C-SCV
W5JW (+AA5B, K5TA, K5VW, N5s HH, RR)
1,473,714-1654-297-C-MH
K59K (+K5CJ, K5QK, K5EU, K59Z,
W5s AUK, OJE, SM7DZ)
1,376,550-1425-322-C-WI

K9GM (+KE9A, KR9R, KR9S, KO9Q, W9s MYC, RF, W9As OVU, TZR, W9Bs YX, ZBE)

1,123,332-1205-311-C-WI
N3AD (+N3DAY)
995,379- 973-341-C-EPA
K0DD (+K0KX)
950,472-1032-307-C-MN
K1EA (multiop)
912,168- 984-309-C-EMA
K6ZM (+AK6T, K4VUT, NB6L)
839,139-1289-217-C-EB
W9JZ (K9s BIL, QXY, K9s JP, LM,
N9CX, W9RNF, oprs.)
676,269- 891-253-C-WI
K8T1 (multiop)
284,622- 533-178-C-MI
K6JZ (+K3FD)
155,832- 302-172-C-WPA
W9VCF (KA9s ACL, ATV, JRY, JXQ, MFR,
MNN, KB8VE, N9s AVQ, BMW, DEZ, DUO,
W9s CYG, IYB, JML, RYX, W9s ZBG,
ZBH, W9s AGA, JDF, oprs.)
99,825- 275-121-C-IN
W9JRU (+net)
24,624- 114- 72-C-MDC

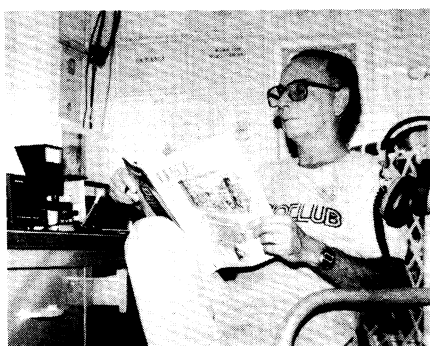
W/VE Phone

Multioperator

Unlimited
N2AA (+K2s BQ, GL, GM, NG, SS, TT, TW,
K5NA, KC2X, KR2J, KR2Q, KR2W, NIARP,
W2RQ)
5,602,131-3439-543-C-ENY
K10X (+K1s DC, CQ, XX, KAIR, KC1F,
KC4W, W1s FJ, RV, W88TB)
4,053,020-3178-530-C-MH
K2UA (+AG2S, K1PT, K2BU, K3s JLT,
J1V, KB2XZ, N2s BA, MM, N3RD, W2HGM)
4,846,815-2911-555-C-SNJ
N5AU (+K5s FUV, MM, MR, TJ, ZD, N5s
CR, TP, K5X, W5s VZL, YOT)
4,727,712-3256-484-C-NTX
W7RM (+K7s LR, QQ, K87C, N7UA, NA7P,
W7WA)
4,222,125-3753-375-C-WA
W3PL (+A13M, K3DI, KC8C, W3ABC,
W3KCY, W4GAXM)
3,715,911-2533-489-C-MDC
W4DR (+K3RZR, K4QX, K4EVH, N4ND,
N4BA, W4s PDL, RNP, W4s HOT, LZK,
W4IMC)
3,163,344-2234-472-C-VA
KX4S (+AB3P, K4WM, K4DTE, K4GAV,
N4EHJ, W44BK, W4BIV, W4Y)
3,074,640-2228-460-C-VA
W3GM (+K3s GM, ND, ZUF, N3VV, W3FV)
2,549,952-1864-456-C-EPA
N2RM (+W2YOF, K3KNH, K83TN)
2,053,134-1773-386-C-SNJ
K5LZO (+K5s IY, KC, KD5SP, KY5A,
N5DU, W5ASP, W5CXI, W5RUS, W5WNY)
1,569,696-1576-332-C-STX
K3ON (+K3ZZ, K3BGC, K3Cs EK, FL,
W3EKL)
1,143,876-1102-346-C-MDC
K3II (+KQ20, K3s JJC, J1K, NI, W3IMY)
995,880- 965-344-C-EPA
W3CU (+N3ATQ)
651,240- 810-268-C-EPA
K3JR (multiop)
598,644- 723-276-C-EPA
W8NGO (+K8s ZE, Z2U, N8DCN, W8s
KR, ONA)
495,504- 666-248-C-MI
W1AR (+W1UA, K4HIC, K4KMH, K4Es
XW, XY, W4s EBZ, HLR, W4QZR, W4P)
361,680- 548-220-C-GA



The W3BGN station won the W/VE multi-single plaque on both modes. This is the phone crew (l-r): W3BGN, N3BB and KB3AG.



HI3AMF took time out from his all-band phone operation for a little light reading and some relaxation.



The CN8CX phone gang (l-r): K4BF and WB4YFD (seated), and AA4SC, KC4CD and KU4V. The CN8CX 4.1-million point score was the top multioperator-two transmitter score from Africa.

DX — Phone

Single Operator

Africa
CN8CO (W3EMH, opr.)
1,220,550-1975-206-B-AB
CN8EU (W6AXX, opr.)
110,025- 815- 45-C-10
EABZI 840,420-2001-140-B-AB
EABADY 144,480- 560- 86-B
VQ9CI 50,232- 299- 56-C-AB
ZS6DW 32,640- 272- 40-C-40
W3KHQ/ZS6 6216- 74- 28-B-20

Asia

ZS6ZS 39,984- 272- 49-B-15
ZS6OX 151,293-1073- 47-C-10
5H3BH (SM0EAI, opr.)
229,824- 684-112-C-AB
AP2HM (K4YT, opr.)
1728- 32- 18-B-20
DU1CPL 13,566- 238- 19-B-10
HL5BGB 1749- 53- 11-B-AB
H21HZ 106,260- 460- 77-C-AB

Europe

J110PU 817,944-1576-173-C-AB
JA1EL 734,820-1324-185-C
JA1LD 311,148- 804-129-C
JF1EE 76,500- 340- 75-B
JH0LF 67,482- 326- 69-B
JA7VSO 62,100- 276- 75-B
JA1FYK 46,482- 256- 61-B
JR3BOT 40,500- 225- 60-B
JA1QZC 33,060- 190- 58-B
JA61P 31,200- 200- 52-B
JR3WXA 31,164- 212- 49-C
JA1WZM 23,184- 184- 42-B
JMLZT 19,272- 146- 44-B
JA1JGP 18,837- 161- 39-B

North America

JA1OHP 16,359- 133- 41-B
JA1ALX 13,332- 101- 44-B
JA1SGX 11,514- 101- 38-B
J11EJO 9504- 99- 32-B
JE2DOD 8928- 96- 31-C
JA1AOD 7344- 102- 24-B
JE3BPE 6300- 100- 21-B
JA4HCK 4056- 52- 26-B
JA7EDZ 3696- 56- 22-B
JE1GZB 3276- 78- 14-B
JR41SK 3060- 60- 17-B
JA3BGC 2058- 49- 14-B
JA1AAV 1998- 37- 18-B
JB6PGP 1836- 36- 17-B
JB1FJK 1080- 30- 12-B

South America

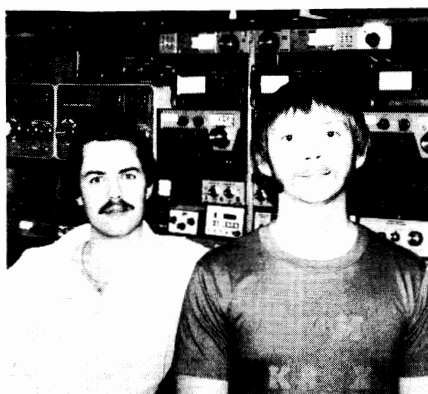
JH5IRT 870- 29- 10-5
J11VTE 513- 19- 9-B
JH0EPI 315- 15- 7-B
JA5EO 180- 12- 5-B
JA2BAY 56,070- 445- 42-C-40
JE1GNC 6138- 93- 22-C
JA6BIF 558- 31- 6-C
JR6LDI 432- 24- 6-B
JR7IVR/I 414- 23- 6-B
JA0VHI 396- 22- 6-B
JA7FFY 360- 20- 6-B
JR7DUM 306- 17- 6-B
JR7BDS 252- 14- 6-C
JH9CAV 210- 14- 5-B

JF3WNY	150-	10-	5-B	EA2QU	765,600-1595-160-C-AB	SM9CHA	840-	20-	14-B	KH6RS	(A16V,opr.)	JA0YCR	(JH9s NLB,NOS,opr.)
JAI BOK	60-	5-	4-B	EA5AMW	409,875-1093-125-C	SM6BGC	16,218-	159-	34-C-40	2,699,250-3599-250-C	2,699,250-3599-250-C	JA1YWO	(JH10s NLB,NOS,opr.)
JN1BK	48-	8-	2-B	EA1BDB	86,940-414-70-B	SM2LWU	29,565-	219-	45-C-20	KH6BZF	(K8HQ,opr.)	JA3YCT	(JH10s NLB,NOS,opr.)
JR4SRW	18-	3-	2-B	EA7CFW	40,188-197-68-B	SM5ALJ	12,543-	113-	37-C	W7PSO/KH6	5865-	85-	23-B-15
JH3DPB	78,600-	524-	50-B-20	EA4BKM	29,733-187-53-B	SM0BDS	8160-	85-	32-C	KH6LW	67,104-	466-	48-B-10
JATXRU	504-	21-	8-B	EA7BVI	20,670-130-53-B	SM5CAK	7176-	92-	26-C	AH6EK	1344-	28-	16-A-QRP
JA7ZKO	120-	8-	5-B	EA7LIM	2496-	52-	16-B-80	SM7TW	4872-	58-	28-B	UK7LAA	(UL7s LAA,LEG,LEN,LER,opr.)
JAAPA	6-	3-	2-B	EA7AZJ	21,735-	207-	35-B-80	SM5REV	3381-	49-	23-C	9K2QL	(W6s KG,QL,opr.)
JA2PA	183,975-1115-	55-B-15		EA3AOE	12,285-	117-	35-C-20	SM5AAY	1554-	22-	14-B	73,544-1556-158-C	
JARWKE	152,295-	923-	5-B	EA3VGC	9021-	97-	31-B	SK7NK	(SM7A10,opr.)	924-	22-	14-B	368,277-923-133-C
JA3YQP	(JG3VW,opr.)			EA3VGC	432-	16-	9-B	SK7PP	(SM7A10,opr.)	750-	25-	10-B	42,174-226-63-C
JK1OLT	121,338-749-	54-C		EA3VGC	67,473-	441-	51-C-15	SK7PP	(SM7A10,opr.)	750-	25-	10-B	78,183-357-73-B
JA7YAI	(JK1CYV,opr.)			EA3VGC	62,700-	410-	50-C	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JR3ISM	64,722-469-	46-C		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA2BNW	49,410-366-	45-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH6ZHF	(JH6DQC,opr.)			EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1QLB	32,832-288-	38-C		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JABUJY	30,873-251-	41-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH7NFP	19,380-170-	38-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1DBZ	16,530-145-	38-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1ELU	11,928-142-	28-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1LLD	11,658-134-	9-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1ISD	10,800-120-	30-B		EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JAI HCY	9900-	50-	23-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA7GVR	8667-	107-	27-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH8TDZ	6552-	84-	26-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JE7DOT	6336-	88-	24-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1UMU	5760-	80-	24-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JO1BNV	5016-	76-	22-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ3OKZ	4860-	81-	20-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JF2XPL	684-	28-	11-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA3FZI	2664-	74-	12-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA2YKD	(JF2NKS,opr.)			EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JE7UCO	2208-	48-	16-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1DCO	2160-	48-	15-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA7WKG	2142-	51-	14-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1JCG	1911-	49-	13-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JE7RVD	1530-	51-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1MTR	1254-	31-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1JQB	1080-	36-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1UD	990-	30-	11-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JE7GRW	960-	32-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JK1UAG	900-	30-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1AUA	729-	27-	9-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH2XTV	702-	26-	9-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1BDC	693-	21-	8-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1QWC	360-	19-	6-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA2DHL	336-	14-	8-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH7OIF	240-	16-	5-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JF1EZA	234-	13-	6-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JE7SMJ	144-	12-	4-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA8RLM	126-	11-	3-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH3NBL	63-	7-	3-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1ENK	54-	9-	2-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA9XWR	45-	5-	3-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JK3FXF	36-	4-	3-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JJ1NUB	9-	3-	1-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JF7COO	137,436-	881-	52-B-10	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1ZLO	119,700-	783-	51-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA7JWF	(JH7PKU,opr.)			EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1EVE	109,980-	705-	52-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JR6GIM	74,088-	504-	49-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1CQT	72,912-	496-	49-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1WTK	52,650-	390-	45-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH7JCN	14,322-	154-	31-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JF3KQK	12,677-	137-	12-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH1UUT	8874-	102-	29-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA6GCD	8640-	96-	30-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1LMO	7371-	117-	21-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1AAT	7098-	91-	26-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JH6MGN	6696-	124-	18-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	3192-	56-	19-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	2166-	38-	19-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1089-	12-	8-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	782-	54-	11-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1530-	30-	17-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1500-	50-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1470-	35-	14-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1440-	48-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1332-	37-	12-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1332-	37-	12-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1107-	41-	9-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	720-	30-	8-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	660-	22-	10-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	630-	30-	7-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	204-	17-	4-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	180-	20-	3-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	109-	12-	8-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	782-	54-	11-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1530-	30-	17-B	EA3VGC	59,040-	410-	48-B	SV1JG	178,020-	645-	92-C-AB	645,174-1473-146-C	
JA1BOW	1500-	50-	10-B	EA3VGC	59,040-	410-	4						

KBUNP/4	103,224-253-136-C	K5TSQ	24,336-169-48-C-10	K7MF	14,532-173-28-C	W9XD	60,420-190-106-B	VE6CWN	28,260-157-60-C
KACFE	90,906-218-139-C	N5DDO	7020-90-26-C	K7UW	7920-66-40-C	K9VQK	11,400-76-50-C		
W4YN	56,964-202-94-C			K7RS	363-11-11-C	K9W	6552-56-39-B	British Columbia	
WB4HAI	51,744-154-112-C	6		N7EA	5103-63-27-C-80	WB92CY	6264-58-36-B	VE7AAQ	191,746-507-126-C-AB
W5OC/4	11,388-73-52-C	East Bay		N7AM	1326-34-13-C	W9YDP	468-13-12-B	VE7BN	80,640-384-70-C
W4KXQ	5106-46-37-B			K7UR	28,680-239-40-C-40	Wisconsin		VE7BSM	2565-45-19-C-20
W4IN	2112-32-22-C-160			K7ZA	100,800-480-70-C-20			N.W.T. — Yukon	
W4OO	17,781-123-92-C-80	K6ATV	132,561-429-103-C-AB	W6QI	6225-83-25-B	KE9A	262,440-540-162-C-AB	VY1DD	792-22-12-B-20
W2VF	16,992-118-48-C	K5GH	125,090-390-107-C	W7RO	74,511-487-51-B-15	W9RN	182,250-405-150-C	W/Ve — CW	
W4BA	4536-56-27-C	AD6D	23,052-113-68-C	K87NV	3009-59-17-A-QRP	W9OP	171,072-396-144-C	Multioperator	
W4AW	11,088-84-44-C-40	K6GSL	8670-85-34-B	KR7L	1950-65-10-C	K9QK	88,044-253-116-C	Single Transmitter	
K5UW	10,881-93-39-B	K5GQ	108-18-2-B-15	Wyoming		K9S	77,112-204-126-C	1	
W4ALLQ	27-3-3-B-20			W7MG	120,555-285-141-C-AB	AK9Z	67,536-201-112-B		
W2SDB/4	5952-62-32-C-15	Los Angeles		K7KC	714-17-14-B	K5K	35,532-141-84-C		
W4TDR	34,608-206-56-C-10			8		W9CXR	34,868-149-78-C		
W4BDBH	84,582-222-127-A-QRP	N6AR	295,200-492-200-C-AB	Michigan		W9RRT	31,290-149-0-C		
K4AYE	21,825-97-75-A	NE6I	149,160-440-113-C			W9CBE	6903-59-39-C		
Tennessee		W9HRO/6	35,520-185-64-C			W9WAQ	46,230-230-67-B-15		
W4XJ	653,430-947-230-C-AB	AD7G	11,526-113-34-C					K1RU (+K1YR)	986,148-1191-276-C-CT
W4RC	470,004-739-212-C	N6AA	10,458-83-42-C					KE1C (+K1NYK, K1VCG, K1GD)	298,350-650-153-C-CT
W4B4FX	55,968-176-106-C	N6QA	9576-114-28-B-15					N1AU (+A1J1, Net)	461,581-407-161-C-EMA
KD4PP	34,500-125-92-B	Orange		W4STBQ	844,164-1074-262-C-AB			K1FC (+K1ZJ, K1AOT, K1AUE, K1K1, N1BPJ)	173,886-397-C-R1
AB4H	26,412-124-71-C			K8SS	221,094-426-173-C			AJ11 (+Net)	1008-21-16-B-EMA
W5RUH	6678-53-42-B	K6LEB	33,216-173-64-C-AB	K8SU	92,625-247-125-C			2	
W4AZZU	126-7-6-B	N6UH	28,860-148-65-C	K8BJ	41,325-145-95-C			N2RM (+K83TN)	892,857-1037-287-C-SNJ
N4ZZ	133,518-578-77-C-15	N6GW	26,076-106-82-C	K8HJG	40,190-174-77-C			KQ2O (+K2BK)	696,600-860-270-C-SNJ
K4KO	48,168-223-72-C	K6GLF	8400-70-40-B	N8CXX	11,322-74-51-B			K2GHV (+K2WZ, W2FSP, W2EGT)	461,559-709-217-C-SNJ
W4JD	22,308-143-52-C	W6THD	5694-73-26-C-80	W8TW	9792-68-48-B			K2FL (+W3SON)	420,354-579-242-C-SNJ
AA4AK	90,420-274-110-A-QRP	Sacramento Valley		N8CJX	5301-57-31-B			K2TD (Multiop)	313,749-491-213-C-SNJ
Virginia		K6DR	151,776-408-124-C-AB	W8SCW	1980-30-22-C			W2UI (+N3KR)	299,637-507-197-C-SNJ
K4GKD	427,800-713-200-C-AB	K6SC	134,322-367-122-C	K8BD	1170-26-16-C			W2ZLQO (+AAZJ, K2DND, K2IAT, W2ZDE, W2ZDE, W2ZDE, W2ZDE)	923,240-1029-267-C-MDC
K2NA	299,820-526-190-C	W6MNR	40,704-128-106-B	W8LIU	44,946-227-66-C-40			W2BHK (+W2NM)	112,500-300-125-C-SNJ
W4YE	253,236-449-188-C	AF6D	10,512-73-48-B	K8NA	119,520-498-80-C-20			N2AIF (Multiop)	272,186-227-106-C-ENY
K4OD	198,996-412-161-C	N6JM	4800-40-40-B	W8TWA	47,436-236-67-C			W2BMW (+N2RB, W2YOO, W2PMH, W2PMS)	11,880-72-55-B-NLI
K4RZ	148,800-400-124-C	San Diego		K8JLB	54,336-283-64-C-15			3	
W4HH	133,545-307-145-C			K8QMG	576-16-12-B			W3BGN (+K2BNI, W2ZKY)	1,460,916-1503-324-C-EPA
K2BA	112,404-123-116-C	K6MC	97,890-251-130-C-AB	K8VSK	41,736-148-94-A-QRP			W3GRF (+K2AZ, K4FJ)	993,240-1029-267-C-MDC
W4NFS	92,366-273-114-C	AA6EE	17,877-101-59-C	N8CQA	32,880-137-80-A			W3MAC (+K3ZJ, W3MAC, W3MAC)	744,642-1009-246-C-EPA
W4VBH (W4W, opr.)		K6GW	6396-52-41-C	Ohio				W3CAC (+K3WGR, W3UM)	344,565-589-195-C-EPA
K4PFP	75,555-219-115-B	W6OVO	3654-42-29-C	W8JIN	330,120-524-210-C-AB			K3HIE (+Net)	263,133-507-173-C-EPA
W4BW	69,336-216-107-C	N6MD	76,224-397-64-C-40	W8LNO	320,778-502-213-C			N3GB (+N2AW, Net)	215,670-455-158-C-MDC
W4CB	49,749-161-103-B	W6ZT	11,808-123-32-C-15	W8LEU	190,008-364-174-C			W3YFV (+K3PPI)	35,088-136-86-C-EPA
W4BLMT	36,573-167-92-C	KD6WH	20,520-152-45-A-QRP	W8LKE	180,600-400-138-C			4	
W4BA	35,604-129-92-B	W6ABT	5616-52-36-A	W8RSW	182,400-400-152-C			N4UM (+N4BP)	1,137,063-1409-269-C-SFL
W4RM	28,440-120-79-B	San Francisco		N8BC	159,396-359-148-C			N4KG (+K4CZ, W4Y, W4QHI)	641,600-765-280-C-AL
K4TH	27,264-128-71-B			W8QID	141,723-381-124-C			5	
K4RILJ	15,660-87-60-C	K6AMP	312,840-632-165-C-AB	K8BV	134,976-296-152-C			K5LZO (+K2TNO, K5YI, K5D5P, K5YA, W5DU, W5RUS, W5D5X, W5WFFY)	1,026,207-1253-73-C-STX
N4OS	7638-67-38-B	K6ZUR	10,200-136-25-B	W8QID	127,323-329-129-C			K5KG (+K5U, W5ASP, W5SG, W5G)	626,448-842-248-C-STX
W4CF	4773-43-37-C	K6LGN	864-24-12-B-15	K8BY	119,700-300-133-B			AA5Y (+K5SU, W5JQ)	603,432-986-204-C-STX
K4FAP	1200-20-C	N6GG	513,282-847-202-C-AB	W8I	90,624-226-128-C			K5RX (+K5NS)	409,404-626-218-C-NTX
W4UA	12,276-93-44-C-80	N6GA	211,479-449-157-C	W8I	70,560-210-112-B			6	
AA6F	29,241-171-57-C-20	W6SKY	51,330-290-59-C	W8ZCQ	68,808-188-122-C			N6CW (+K1LL)	712,080-1104-215-C-SDG
W4KFC	14,850-90-55-C	K6BGM	9204-58-52-B	K8JBH	66,600-200-111-C			W6WQ (+N6BY)	402,480-780-172-C-SCV
W4IQ	330-11-10-C	Santa Barbara		K8ZY	66,216-178-124-C			W6BIP (+W6ADJ1)	300,762-539-186-C-SF
W4AEMU	180-10-6-B			K8PM	51,084-182-81-C			KE6PQ (+Net)	66,990-290-77-C-SCV
KV4P	32,832-228-48-C-15	W6OUL	146,766-401-122-C-AB	K8P	48,594-182-81-C			AA6DP (+W6J1, W6TSE)	66,045-259-85-C-ORG
W4MM	29,913-169-59-C	W6GJY	16,815-95-59-C	K8P	48,082-158-93-C			7	
W4KMS	765-17-15-A-QRP	W6BYH	1275-25-17-B	K8P	42,726-168-85-B			K7LXC (K7HBN, K7WA, K7G, K7CRN, opr.)	448,800-935-160-C-WA
5		K6LGN	864-24-12-B-15	K8P	42,312-166-85-B			AS7M (+K7RG, K7WQ)	392,460-844-155-C-WA
Arkansas		W6OUL	146,766-401-122-C-AB	K8P	41,448-157-88-B			K7TT (+K7GVI)	99,360-368-90-C-MT
W5EIJ	4560-38-40-C-AB	W6GJY	1275-25-17-B	K8P	31,347-129-81-C			W7DG (K7ATCRS, K7HWE, K7JWV, W7TLC, W7PEI, W7PMS)	36,774-227-54-C-WA
W5CS	588-14-14-C	W6MJA	20,160-160-42-C-40	K8P	28,644-124-77-C			8	
Louisiana		W6MJA	3432-104-11-C	K8P	27,918-99-96-B			K8ND (+A8BI, K8BIFC, K8BE)	1,031,424-1264-272-C-OH
W5XZ	622,512-786-264-C-AB	W6MJA	3432-104-11-C	K8P	25,623-117-73-C			N8AA (+K8AZ, K8BZ, K8BML, W8CAR, W8SK)	936,768-1088-287-C-OH
W5SPOK	118,755-273-145-C	Santa Clara Valley		K8P	21,840-140-52-C			W8RRR (+K8CC)	632,730-917-230-C-MI
N5JR	90,000-250-120-C			K8P	21,624-106-68-C			W8FN (+W8A1N)	437,760-640-228-C-OH
W5DB	89,088-232-128-C	N6AN	158,364-498-106-C-AB	K8P	16,830-85-66-B			W8KKI (+K8BNUV, W8DL8)	265,299-463-191-C-OH
W5STEQ	27,216-108-84-C	N6NR	129,921-341-127-C	K8P	12,300-82-50-C			K8IIC (+K8EM, K8BEM, K8BPTT)	151,998-329-154-C-OH
K5BLV	6042-53-38-B	N6UW	44,916-197-76-C	K8P	12,126-86-47-B			K8BQ (+K8XZ)	67,392-216-104-C-WVA
W5UIH	1080-20-18-C	W6ATO	7722-78-33-C-20	K8P	9384-88-46-C			K8XQ (+W31CM)	48,594-178-91-C-OH
K5KLA	112,320-520-72-C-15	7		K8P	6042-53-38-B				
Mississippi		Arizona		K8P	4896-48-27-C				
W5OYU	58,800-175-112-C-AB	W7IR	603,216-944-213-C-AB	K8P	4590-51-30-C				
New Mexico		W7DH	162,936-438-124-B	K8P	4390-51-30-C				
W5JW	84,822-422-67-C-40	W2GCL/7	56,916-204-93-C	K8P	4390-51-30-C				
K7SX	12,690-141-30-C	K7V	34,608-206-56-C	K8P	4390-51-30-C				
W5TVX	9975-95-35-B-15	W7NXL	7344-51-48-B	K8P	4390-51-30-C				
Northern Texas		W7FDQ	19,560-163-40-C-40	K8P	4390-51-30-C				
N5TP	325,725-505-215-C-AB	K6LJF	151,731-733-69-C-15	K8P	4390-51-30-C				
N5JB	299,700-555-180-C	W7AYV	10,179-117-29-C	K8P	4390-51-30-C				
K7SN	259,248-491-176-C	K07V	3078-54-19-A-QRP	K8P	4390-51-30-C				
K5LP	222,642-434-171-C	Idaho		K8P	4390-51-30-C				
W5VZL	165,539-363-151-C	KU7Y	51,840-216-80-B-AB	K8P	4390-51-30-C				
W5P1/5	138,180-329-140-C	W7FAR	53,221-296-60-C-20	K8P	4390-51-30-C				
K5AS	123,552-396-104-C	N7W	13,545-105-43-A-QRP	K8P	4390-51-30-C				
K5DX	120,048-328-122-C	KN7W		K8P	4390-51-30-C				
AF5K	64,749-191-113-C	Montana		K8P	4390-51-30-C				
K9LA/5	41,814-138-101-C	KE7X	86,700-289-100-B-AB	K8P	4390-51-30-C				
N5UA	41,496-152-91-C	Nevada		K8P	4390-51-30-C				
K5BDX	21,312-96-74-B			K8P	4390-51-30-C				
K5LEP	21,312-96-74-B	W7UEC	163,944-552-99-C-AB	K8P	4390-51-30-C				
K5SEA	11,076-71-52-C	W7CWM	123,975-551-75-C	K8P	4390-51-30-C				
W5FO	58,164-262-74-C-20	W7UTM	51,912-206-84-B	K8P	4390-51-30-C				
W5SUDX	31,104-216-48-C-15	N7NW	432-18-8-A-QRP	K8P	4390-51-30-C				
W5AH	1188-22-18-C-10	Oregon		K8P	4390-51-				



Jim, N6RJ, used the call ZF2FL to make nearly 7000 QSOs and the top single-operator phone score from North America.



K3LR (left) and K8CX each operated K3LR on a single band on phone. 'LR went to 15 meters, while 'CX braved the QRN on 40.



PY5EG made over 2400 QSOs and nearly 1.5-million points on phone on his way to the top single-operator position in Brazil.

8 AD90 (+K9S, N9S EBM, ST) 452, 979- 883-171-C-CO KN0V (+K1HZ, W0KZV) 325, 845- 557-195-C-MN K0SR (+K0P, W0UA) 234, 972- 428-183-C-MN K0DI (+K0SCM) 135, 380- 390-114-C-NE K0MP (+W0HHH) 64, 602- 194-111-C-MO K0INR (+K0BPP) 324- 12- 9-C-IA VE VE2QV (+VE6WQ) 641, 376- 816-262-C-PQ VE2GCA (+VE2FWE) 8385- 65- 43-B-PO W/VE - CW Multipoperator Two Transmitter K5RC (+K5S GA, GN, KN5H, N5JJ, NA5R, W5VAH, W5WHR) 2, 600- 69- 229-377-C-STX K4CC (K3S TW, W4W, K4POL, K7SW, ops) 2, 107, 314-1914-367-C-VA K3VW (+K2UO, K3W, K3CEE, W3RJ) 1, 644, 780-1580-347-C-EPA K2VV (+K2XA, N2JJ) 1, 483, 629-1643-301-C-WNY WB8JB (K8US, K8CKX, K8QH, K8WN, N8S ATR, DMH, EDE, W8S AUB, IJP, ops) N6TR (+AA6RX, K861, N6AA, W6OTU) 1, 057, 665-139-245-C-SB N1GW (+W6KUT, W6GDC) 75, 849-1499-217-C-SDG K8AQM (+W5ONL, ACRW, K8S KIC, ZQZ, K8BIZJ, K8CS A, KQ, K8JA, K8MY, K8ZK, W8S WUV, YZ, W8AS BSF, MEC, YVR, W8S ATA, MEZ) 838, 500-1075-260-C-MI W9AIH (mult) 738, 204- 908-271-C-WI K3HPC (+K4JR, N3ST, W3BJRU) 734, 328- 868-282-C-MC KK9V (+KJ9D, W9SU) 596, 820- 980-203-C-IN K5EE (+KVSJ, N5WS) 560, 601- 769-243-C-NTX K83MH (+K8TE, W8ARK) 549, 810- 745-246-C-EPA K6ZM (+AK6T, K4UVT, N6BL) 491, 238- 827-198-C-EB KC3Z (+K3PD, W3KKX) 475, 875- 705-225-C-WPA K1RX (mult) 345, 762- 674-171-C-CT VE1CR (VE1S CCM, HK, ops) 43, 281- 229- 63-B-MAR W/VE - CW Multipoperator Unlimited N2AA (+K2S BQ, GL, GM, NC, SS, TT, TW, KA2KYZ, KC2X, KR2J, KR2Q, KR2W, W2RQ, K3EST, KA4YDR, K5NA) 4, 294, 695-3217-645-C-ENY K1OX (K1S EA, GQ, KAIR, KC1F, W1S FV, IHN, W8BTH, ops) 3, 687, 648-2872-428-C-NH K2UA (+N2S BA, MM, K3JLT, N3S RD, RG, 3, 245, 436-2758-414-C-SNJ W3LPL (+KA1GD, A13M, K3DI, W3FG, W4AXX, K8CG) 3, 151, 548-2556-411-C-MDC N5AU (+K5S FUV, GM, MR, ZD, N5CR, W5SJ) 2, 749, 680-2412-380-C-NTX N9MH (+K9S GL, UMA, K9A9, K9D9, KR9U, W9S NB, NC, NS, W9S LF, ZRX, W9S LTY, POW) N6RO (+N6S IG, NE, TV, XI, N16D, W6DIL) 2, 020, 011-2237-301-C-EB KX4S (+K3RZR, KA3DTE, K4WHM, W4HB, W4MYA, W44BKD, W4BVY, W4Y) 433, 008- 582-248-C-EPA W3GM (+K3S FV, GM, ND, OA, KB3YY, N3VV) 1, 798, 608-1616-371-C-EPA N4ND (+K4JM, K4GW, N4EHJ, W4S HJ, XR) 1, 396, 860-1502-310-C-VA N5RM (+N5AH, AA5C, K5HM, KM5K, KM5X, N5BQ) 1, 019, 160-1192-285-C-NTX W3GU (+W3KV) 562, 464- 756-248-C-EPA N3LR (N3S CSC, DAY, ops) 536, 733- 927-193-C-EPA K3ZUF (+K3UD, W3MM) W14R (+W1UA, K4VHC, KAAKM, KE4XY, N4EBZ, W4GWA) 270, 375- 515-175-C-GA DX - CW Single Operator Africa CN8CO (W3EMH, opr) 565, 248-1024-184-B-AB SM0GNG/CT3 2, 689, 638-3767-236-C-AB EASUY/EAS 55, 620- 412- 45-B-15 EASYU 2205- 35- 21-A-QRP ZS6BPJ/ZS3 164, 520- 457-120-B-AB ZS6ME 40, 200- 335- 40-B-20 S6GSKD 3- 1- 1-B-40 Z4CQ 180, 177- 551-109-B-AB 7P8CG (KB3R, opr.) 317, 088- 734-144-B-AB 7P8CL 189, 684- 479-132-C Asia H2LHZ 90, 300- 350- 86-C-AB JF4WR 562, 440-1090-172-C-AB J1IQU 551, 286-1107-166-C J7RHJ/J 487, 542- 979-166-B JH7DC 447, 678- 969-154-C JACUV 388, 512- 912-142-B J7YAI 210, 672- 627-112-C J4MDAI 174, 696- 502-116-C J3ESN 133, 308- 483- 92-C J6LSD 98, 400- 328-100-C J1N1X 79, 722- 309- 86-B JR3WA 55, 500- 250- 74-C J1VZM 48, 945- 251- 65-B J7JWF 43, 452- 204- 71-B JR3BOT 40, 362- 217- 62-B JF3CCN 40, 128- 209- 64-B J1E1Y 39, 900- 190- 70-C JABSW 26, 568- 164- 54-C J1S1M 23, 850- 150- 53-B JABCGJ 21, 801- 169- 43-B JH1WIX 18, 900- 140- 45-B J1BAQ 17, 325- 105- 55-B J1OHP 13, 800- 115- 40-B JH2XTV 13, 689- 97- 39-B JR8ACW 10, 767- 97- 37-B J1VZM 9579- 103- 31-B J7JEC 8019- 81- 33-B JR7DPJ 6966- 86- 27-B JAYEDZ 6474- 83- 26-B JK1VX 5676- 86- 22-B JF1EK 4320- 60- 24-B J1ICZR 4320- 60- 24-B J1VZM 4260- 71- 20-B J1AQZC 3519- 51- 23-B JR4ISK 2754- 51- 18-B JAYBE 2052- 36- 19-C J1B1R 2016- 42- 16-B J1J1VE 1944- 36- 18-B J1J1EJ 1833- 47- 13-B J1J1LS 1332- 37- 12-B J1K1PA 693- 21- 11-B JAZSAP/1 357- 17- 7-B JAYEF 84- 7- 4-C-160 J1G1TF 63- 7- 3-C J1SPY 18- 3- 2-C JAZZDQ 13, 113- 141- 31-C-80 JAYYBA 13, 020- 155- 28-C JH7LVK 12, 330- 137- 30-C JACUUI 2926- 62- 16-B JATNX 1710- 38- 15-C JH0LFE 630- 30- 7-B JAG6IF 465- 31- 5-C J11QOI 45, 276- 343- 44-B-40 J1JSCX 40, 200- 268- 50-B JEIAYU 16, 533- 167- 33-B JAZVUP 13, 300- 150- 30-B JR7BTI 4374- 81- 18-B J3BCT 3540- 59- 20-B JH3WE 2982- 71- 14-B JR80JZ 1386- 42- 11-B JG2LGM 918- 34- 9-B JATYBO 888- 37- 8-B JAOZT 792- 33- 8-B JAREJO 756- 28- 9-B JR1FMS 360- 20- 6-B J1BOK 240- 10- 8-B JAT7ARW/1 168- 14- 4-B JH1LZT 144- 12- 4-B JH7BC 120- 10- 4-B J1QXY 53, 280- 370- 48-B-20 JAG6IJ 43, 200- 360- 40-C JASJCC 27, 852- 211- 44-C J1J1JU 12, 810- 122- 35-B JG1CQJ 7440- 80- 31-B J13UMQ 6750- 90- 25-B JF1MYI 4650- 62- 25-B JAZDMC 62, 409- 62- 22-B JATRXU 3519- 51- 23-B J1J1UP 1728- 36- 16-B J1B1DI 1428- 34- 14-B J1A1AT 12- 2- 2-B JH7RZW 3- 1- 1-B JAY3QY 82, 950- 53- 50-B-15 J1H1CY 49, 572- 324- 51-B J1H1JE 48, 972- 371- 44-C JATXBC 40, 524- 307- 44-B J1L1DI 38, 400- 256- 50-B J1C5B 27, 552- 224- 41-C JH7JY 17, 670- 155- 38-B JAG6CM 16, 182- 174- 31-B J1J1MT 12, 870- 130- 33-B JAGCJY 12, 192- 127- 32-B JG6PW 11, 220- 110- 34-B J1B1BV 10, 848- 113- 32-B JF2XPL 8910- 110- 27-B J1J1LS 7575- 101- 25-B J2VUJ 7200- 100- 24-B J1J1SOL 6624- 96- 23-B J4EEN/2 5612- 82- 22-B J6LSD 5256- 73- 24-B JAZZPV 4621- 67- 23-B JG6WE 4389- 77- 19-B J1H1MF 2640- 44- 20-B JH5EVO 2193- 44- 16-B JAG6LV 2112- 44- 16-B JAZDHL 2067- 53- 13-B JAG6JP 1950- 50- 13-B J1N1EK 1287- 39- 11-B J1K1KC 16, 016- 26- 13-B J1A1JA 660- 22- 10-B JR6GHN 306- 17- 6-B JR6PCB 108- 9- 4-B JATJ7/7 72- 6- 4-B J1J1NUB 20, 160- 210- 32-B-10 JATWZ 9504- 132- 24-B J1J1ZLO 2691- 69- 13-B J1J1OP 1110- 37- 10-B J1M1CU 100, 605- 353- 95-A-QRP JR2BWF 74, 046- 287- 86-A J1N1KT 16, 080- 134- 40-B J1K1KC 12, 420- 115- 36-A J3L3CU/1 11, 124- 103- 36-A JR6KRI 10, 098- 99- 34-A JH9AUB 5346- 81- 22-A J1E1BU 4922- 64- 26-A JH7XCN 1920- 40- 16-A JAZDN 1134- 27- 14-A J01FYC 54- 6- 3-A JT1AN 12, 075- 115- 35-B-20 UD6DKW 3705- 65- 19-B-20 UF6FFF 1140- 38- 10-B-20 UL7TAY 4374- 54- 27-B-20 UA0ZBP 281, 232- 756-124-B-AB UA0JAD 3465- 55- 21-B UA0AU 106, 029- 693- 51-B-20 UA0XSQ 79, 560- 560- 52-B JH9CJ/8 63, 960- 48- 62-B UA0BT 44, 274- 314- 47-B UA9YE 29, 643- 241- 41-B UV9DO 7308- 87- 28-B UA0OCI 4644- 86- 18-B UA0ZCR 513- 19- 9-B-15 VU2JXO 15, 750- 125- 42-B-AB 424AB 220, 875- 589-125-B-AB Europe CT1CFT 81, 855- 321- 85-B-AB CT1AOZ 108, 900- 825- 44-C-40 CT2AK 66, 285- 491- 45-B-80 DL6RAI 185, 265- 537-115-C-AB DL6JAE 88, 704- 352- 84-B DL6BMS 83, 620- 340- 82-B DL7AT 46, 656- 216- 72-B DL8KC 28, 743- 143- 67-B DL3IM 12, 054- 98- 41-B DL3EF 912- 72- 32-B DL3E 513- 59- 29-B DL3E 2451- 43- 19-B DL3E 1800- 30- 20-B DL3E 198- 11- 6-B DL3E 21, 624- 136- 53-A-QRP DL3E 18, 753- 133- 47-A DL3E 48- 4- 4-A DL3E 749, 700-1428-175-C-AB DL3E 299, 754- 793-126-B DL3E 20, 550- 137- 50-B DL3E 1566- 29- 18-B DL3E 10, 440- 120- 29-B-80 DL3E 10, 302- 101- 34-C DL3E 56, 952- 452- 42-B-40 DL3E 5925- 79- 25-B-15 DL3E 1620- 36- 15-B DL3E 576- 16- 12-B E19J 199, 470- 545-122-B-AB E19J 37, 674- 182- 69-B F51N 524, 664-1041-168-C-AB F6FTB 60, 501- 301- 67-B F6ERZ 29, 829- 163- 61-B F6B 26, 928- 132- 68-B F6B 60, 302- 393-101-B F6FY 16, 626- 163- 34-C-20 F6GCVI 24, 480- 204- 40-B-15 F6GCVI 2223- 39- 19-A-QRP G3MXJ 696, 384-1248-186-B-AB G2QT 136, 884- 374-122-B G3SF 119, 032- 393-101-B G3KSH 64, 152- 243- 88-B G3HRY 36, 270- 186- 65-B G3APN 34, 128- 158- 72-B G3TFF 23, 040- 160- 48-B G5DPX 18, 600- 124- 50-B G2AJB 8190- 70- 9-B G2AKB 3705- 65- 19-B G3SZA 3168- 48- 22-A-160 G4CNY 46, 398- 407- 38-B-80 G3SKW 9750- 125- 26-B G3KXZ/A 6750- 125- 18-B G3PXB 151, 845- 955- 53-B-20 G3PVA 94, 929- 653- 48-B G4GIR 116, 547- 733- 53-B-15 G4JKS 20, 424- 184- 37-B G3JKY 7128- 72- 33-B G3VMY 15, 372- 122- 42-A-QRP G4EBO 8892- 76- 39-A G4PDC 2652- 68- 13-A G3L3Y 209, 929- 593-118-B-AB G3MRSQ 2952- 41- 24-B G3RAO 55, 695- 395- 47-B-20 G3OXC 32, 130- 255- 41-B-15 G3HFN 288, 915- 935-103-B-AB GW3JI 99, 144- 324-102-B-AB HA0MX 100, 776- 494- 68-B-AB HA1XO 92, 340- 380- 81-B HA1ZG 79, 833- 299- 89-B HA4XX 57, 645- 305- 63-B HA7BR 46, 128- 248- 62-B HA1ZN 40, 905- 303- 45-B HA3GA 8670- 85- 34-B HA8IE 17, 487- 201- 29-B-80 HA8DU 15, 456- 161- 32-B-20 HA8DT 9888- 103- 32-B HA4ZX 4680- 60- 6-C HA4ZZ 81, 585- 555- 49-B-15 HA8CH 8820- 105- 28-B HA5KMB (HA5MB, opr.) 936- 24- 13-B HA3NX 2460- 41- 20-B-10 HA5KD 30, 240- 160- 63-A-QRP HA5KF 8058- 79- 34-A HA5GN 5751- 72- 27-A HB9CSA 269, 250- 718-125-B-AB HB9KC 34, 068- 167- 68-B HB9QA 13, 158- 86- 51-B HB9AYZ 8910- 90- 33-B HB9DX 41, 844- 317- 44-C-15 I2UBI 1, 222, 416-1959-208-C-AB I4EAT 53, 520- 46- 40-C-80 I3LDS 21, 408- 223- 32-B I1XHV 18, 216- 184- 33-B I1XPQ 25, 641- 259- 33-B-40 I8RPPF 50, 568- 392- 43-C-20 I0XKR 71, 466- 554- 43-C-15 I1BAE 17, 670- 155- 38-B I2QIL 144- 31- 8-B I0VQD 10, 767- 97- 37-B JW5NM 5346- 66- 27-B-AB LA6ZV 36, 672- 191- 64-B-AB LA7SI 5130- 57- 30-B LA1ML 3276- 42- 26-B LA1EE 1998- 37- 18-C-40 LA7ZAA 4524- 58- 26-B-20 LA9DK 3450- 50- 23-B-15 LZ1IF 15, 408- 107- 48-C-AB LZ2KAD (LZ2RS, opr.) 11, 526- 113- 34-C LZ2PP 13, 608- 162- 28-C-80 LZ1KSN 4620- 70- 22-C-40 LZ1FM 9324- 111- 28-B-20 O3E3E 57, 474- 309- 62-B-AB O3E3H 27, 540- 180- 51-B O3E3WL 75- 5- 5-C-80 OH1PY 77, 610- 398- 65-C-AB OH6MM 50, 007- 211- 79-C OH1RZ 33, 735- 173- 65-B OH2BA 15, 188- 110- 46-C OH30S 14, 628- 106- 46-B OH1PS 12, 426- 109- 38-C OH9TD 5247- 53- 33-B OH6CD 5088- 53- 32-B OH7NW 540- 15- 12-C OH8AV (OH8PF, opr.) 204, 760-1193-57-C-20 OH3RF 23, 283- 199- 39-C OH6AM (OH6LK, opr.) 100, 650- 610- 55-C-15 OH2BJC 1632- 34- 16-B OH1RV 264- 11- 8-B OH6RC 1740- 29- 20-A-QRP OH0PA 2967- 43- 23-B-15 OK1ALW 976, 965-1705-191-C-AB OK2BCL 148, 770- 435-114-C OK2BWH 98, 355- 395- 83-B OK3PQ 97, 263- 321-101-B OK1ZF 348, 760- 340- 87-B OK1KZ 53, 808- 236- 76-B OK3IF 47, 088- 218- 72-B OK1KYS (OK1FRF, opr.) 41, 268- 181- 76-C OK1AXB 34, 515- 177- 65-B OK3TCF 31, 680- 176- 60-B OK1AW 30, 600- 170- 60-B OK1PN 30, 576- 182- 56-B OK3FON 30, 318- 163- 62-B OK2PBG 28, 392- 64- 26-B OK2BCJ 26, 700- 178- 50-B OK3BA 13, 287- 103- 43-B OK2PCF 8856- 82- 36-B OK1MSB 5460- 70- 26-B OK2FD 38, 280- 319- 40-C-80 OK3CEL 1116- 31- 12-B OK3CED 28, 404- 263- 36-C-40 OK3CAQ 14, 208- 148- 32-B OK3PGG 12, 936- 154- 28-B OK3CJO 3480- 58- 20-B OK1J 29- 76- 8-B OK2ABU 240- 10- 8-C	
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OK1AVD	49,392-343-48-B-20	Y06AVB	690-23-10-A-QRP	South America	HA2KRZ	(6ops.)	KJJ,SE,K0JJ,opr.s.)
OK2BGR	18,954-162-39-B	YU7AF	39,471-223-59-C-AB	OK1AMW	998,310-1555-214-C-AB	152,337-493-103-B	143,616-544-88-C
OK1TDO	17,604-163-36-B	YU7ORQ	15,300-102-50-C	OK1BAU	813,288-1316-206-B	(6ops.)	
OK2SCW	9000-100-30-B	YU7QDT	1560-40-13-B-80	OK3BWB	258,084-642-134-B	106,845-419-85-C	JA3YKC (JE3MAS,JF3RAL,
OK1OPT	6942-89-26-B	YU3EY	129,300-862-50-C-40	LU1EKL	291,096-933-104-B-AB	(HA6s NO,NW,OD,opr.s.)	JH4RHF,opr.s.)
OK3CDM	50,404-404-42-B-15	YU2SD	85,407-581-49-C	LU1CIA	205,542-601-114-B	93,906-333-94-B	172,143-617-93-C
OK1ARS	45,402-329-46-C	YU3EJL	38,406-346-37-C	LU7CW	14,553-99-49-B	74,844-308-81-B	JA6YAI (JE6s,MQW,UMI,
OK2BYW	17,427-157-37-B	YU3CAB	(YU3TVE,opr.)	LU9EIE	179,355-1087-55-C-20	(3ops.)	JH6VLF,JR6EZE,opr.s.)
OK3KEK	(OK3-26928,opr.)	YU1OVY	2016-42-16-C	LU5FCG	132,888-904-49-B-10	48,837-223-73-B	52,630-270-65-B
OK1AOV	16,872-152-37-B	YU3TJL	145,800-900-54-C-20	LU5DVO	(W181H,opr.)	31,122-182-57-B	JA7YQC (JH7UGG,JR7M2C,opr.s.)
OK2BLD	14,948-151-31-B	YU2SDX	13,362-131-34-B	P42J	3,420,576-3852-296-C-AB	(HA5RY + 2 ops.)	25,506-220-39-C
OK2BSG	14,880-160-31-B	YU2RRI	8502-109-26-B	PR7CM	578,886-1078-179-B-AB	29,640-152-65-B	
OK1DMJ	13,608-126-36-B	YU7ADA	57,450-383-50-B-15	PY2DRP	262,710-695-126-B	6693-97-23-C	
OK1AGN	11,781-119-33-C	YU3NP	13,908-122-38-B	PP2JT	45,678-331-46-B		
OK3IA	11,625-125-31-B	YU3TJL	8190-91-30-B	PY2ERA	36,000-160-75-B		
OK1DGN	9309-107-29-B	YU3C	(YU3RM/X,opr.)	PT8AVV	31,746-143-47-B		
OK1JIM	6912-72-32-B	YU7AV	10,080-120-28-C	PP2ZI	10,914-107-34-B		
OK1DZD	4248-59-24-B	YU3TJL	5082-77-22-C	PY2FRW	10,560-110-32-B		
OK2PFW	37399-153-21-B	YU3TJL	13,920-160-29-A-QRP	PY6ABZ	1140-60-19-B		
OK2BEW	6048-84-24-B-10	YU3TJL	553-131-C-AB	PY2CMS	108-6-6-B		
OK1TS	3306-58-19-B	YU3TJL	116,523-363-107-C	PY1BOA	2967-43-23-B-80		
OK1DMP	2928-61-16-A-QRP	YU3TJL	116,280-380-102-B	PV1VT	100,776-66-52-B-20		
OK2BMA	900-25-12-A	YU3TJL	64,800-270-80-B	PY2SKF	124,578-769-54-B-15		
OK3BRK	48-4-4-A	YU3TJL	41,193-199-69-C	PY2SAR	25,764-226-38-B-10		
ON7BX	29,829-163-61-B-AB	YU3TJL	21,756-148-49-B	PY2CHI	17,082-146-39-B		
ON5WL	5742-87-22-B-80	YU3TJL	17,700-118-50-B	PY2TU	11,760-80-49-A-QRP		
ON7BV	3-1-1-B	YU3TJL	11,466-98-39-B	K3UOC/YV4	1,654,029-2743-201-C-AB		
ON4XC	29,484-234-42-B-15	YU3TJL	7236-67-36-B	YV2DPJ	(YV4BOU,opr.)		
OZ1LO	704,862-1374-171-C-AB	YU3TJL	7110-79-30-B	9Y4VU	200,070-1170-57-C-40		
OZ2SWQ	56,232-213-44-B	YU3TJL	5538-71-26-B	DX - CW			
OZ1CAR	31,374-166-63-B	YU3TJL	4131-51-27-B	Multioperator			
OZ1FBS	30,672-142-72-B	YU3TJL	1596-28-19-B	Single Transmitter			
OZ2BWB	17,628-113-52-B	YU3TJL	8448-128-22-B-80	Africa			
OZ2BAE	12,852-102-42-B	YU3TJL	6552-104-21-C	5Z4CM (+5Z4C1)	266,061-677-131-C		
OZ1NF	12,519-107-39-B	YU3TJL	84-89-22-B	Asia			
OZ1W	11,450-71-26-B	YU3TJL	792-12-12-C-40	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
OZ2EIR	31,220-40-26-B	YU3TJL	390-13-10-B	opr.s.)	150,588-534-94-C		
OZ1DFT	7395-83-29-C-40	YU3TJL	24,240-202-40-B-20	JA1YCP	(JG1GUG,JH4CQ,opr.s.)		
OZ1EXZ	1638-39-14-B	YU3TJL	13,563-137-33-B	JH9NRP	(JH10H,JH1M,JH,opr.s.)		
OZ2YL	20,916-166-42-C-20	YU3TJL	9999-101-33-C	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
OZ5KU	18,144-168-36-B	YU3TJL	7998-86-31-B	opr.s.)	150,588-534-94-C		
OZ1DKG	5016-88-19-B	YU3TJL	5874-86-20-B	JA1YCP	(JG1GUG,JH4CQ,opr.s.)		
OZ6XR	1344-32-14-B-15	YU3TJL	3960-66-20-B	JH9NRP	(JH10H,JH1M,JH,opr.s.)		
OZ6KS	8-14-1-B	YU3TJL	2322-43-18-B	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
OZ1FAO	480-16-10-B-10	YU3TJL	1920-40-16-B	opr.s.)	150,588-534-94-C		
OZ1PFG	390-13-10-A-QRP	YU3TJL	16,614-142-39-C-15	JA1YCP	(JG1GUG,JH4CQ,opr.s.)		
PA0VVDV	142,380-452-105-B-AB	YU3TJL	5538-71-26-B	JH9NRP	(JH10H,JH1M,JH,opr.s.)		
PA0LOU	89,856-288-104-B	YU3TJL	4860-60-27-B	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
PA2JDB	41,712-176-79-B	YU3TJL	4860-60-27-B	opr.s.)	150,588-534-94-C		
PA3BLU	28,545-173-55-B	YU3TJL	3588-52-23-B	JA1YCP	(JG1GUG,JH4CQ,opr.s.)		
PA0INA	27,595-115-51-B	YU3TJL	1653-29-19-B	JH9NRP	(JH10H,JH1M,JH,opr.s.)		
PA3ADM	11,454-83-46-B	YU3TJL	1710-30-19-A-QRP	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
PA3AMA	9120-76-40-B	YU3TJL	12-2-2-A	opr.s.)	150,588-534-94-C		
PA0CF	4248-51-28-B	YU3TJL	107,646-466-77-B-AB	JA1YCP	(JG1GUG,JH4CQ,opr.s.)		
PA2DXY	3720-40-31-B	YU3TJL	North America	JA7YFB	(JH7MXO,JR7s,JVO,LCI		
PA0PN	1968-41-16-B	YU3TJL	K0GVB/C6A	opr.s.)	150,588-534-94-C		
PA0SOL	10018-20-11-B	YU3TJL	H2VFP	3,437,769-3911-293-C-AB	JA1YCP	(JG1GUG,JH4CQ,opr.s.)	
PA0GIN	6399-79-27-B-40	YU3TJL	HP3JRP	209,898-598-117-B-AB	JH9NRP	(JH10H,JH1M,JH,opr.s.)	
PA0ADT	9657-87-37-A-QRP	YU3TJL	HP1AC	112,200-340-110-B	JA7YFB	(JH7MXO,JR7s,JVO,LCI	
SK0LM	(SH0DR,opr.)	YU3TJL	DL1JW/HP1	65,274-473-46-B-80	opr.s.)	150,588-534-94-C	
SM5ALJ	70,686-306-77-C	YU3TJL	W9NXX/HR2	40,764-316-43-B-80	JA7YFB	(JH7MXO,JR7s,JVO,LCI	
SM0BDS	49,062-221-74-C	YU3TJL	VE3DPD/J7	(VE3DUS,opr.)	opr.s.)	150,588-534-94-C	
SM6BZE	32,119-189-57-B	YU3TJL	1,125,325-1745-215-B-AB	KG4CD	(K84CD,opr.)		
SM5RE	23,940-140-57-B	YU3TJL	KP4FV	126,360-780-54-B-20	YU3TJL	139,482-574-81-B-AB	
SM5XX	14,190-86-55-C	YU3TJL	W2BKB/PJ7	60,750-250-81-B-AB	YU3TJL	302,436-813-124-B	
SM7TV	13,158-102-43-B	YU3TJL	W2KN/PJ7	2940-49-20-B-10	YU3TJL	3,620,535-4091-295-C-AB	
SM5AFE	9159-71-43-B	YU3TJL	K8W/V9P	2,234,793-3091-241-B-AB	YU3TJL	6,200,535-4091-295-C-AB	
SK7NK	4617-57-27-B	YU3TJL	KA1GDM/V9P	302,436-813-124-B	YU3TJL	6,200,535-4091-295-C-AB	
SM6CST	2617-37-27-B	YU3TJL	VP2EU	(K8MR,opr.)	YU3TJL	6,200,535-4091-295-C-AB	
SM0BTS	1800-30-20-C	YU3TJL	VP2ES	(K8CV,opr.)	YU3TJL	6,200,535-4091-295-C-AB	
SM6CZE	1131-29-13-B	YU3TJL	K4FW/VP2K	683,640-1266-180-B-AB	YU3TJL	6,200,535-4091-295-C-AB	
SM0TFX	126-7-6-B	YU3TJL	VP2MM	112,812-476-79-B-AB	YU3TJL	6,200,535-4091-295-C-AB	
SL0DT	48,990-355-46-C-20	YU3TJL	8P6J	(N6TJ,opr.)	YU3TJL	6,200,535-4091-295-C-AB	
SM7LSU	6660-74-30-B	YU3TJL	8P6GG	(N8DCJ,opr.)	YU3TJL	6,200,535-4091-295-C-AB	
SM3KMB	5913-73-27-B	YU3TJL	OZ1NF	12,519-107-39-B	YU3TJL	6,200,535-4091-295-C-AB	
SM0KVB/0	4992-12-12-B-15	YU3TJL	OK1DGN	9309-107-29-B	YU3TJL	6,200,535-4091-295-C-AB	
SM7LAZ	1125-25-15-B	YU3TJL	OK1ARS	45,402-329-46-C	YU3TJL	6,200,535-4091-295-C-AB	
SM5DUT	864-24-12-C	YU3TJL	OK2BYW	17,427-157-37-B	YU3TJL	6,200,535-4091-295-C-AB	
SM7BNG	396-12-11-A-QRP	YU3TJL	OK3KEK	(OK3-26928,opr.)	YU3TJL	6,200,535-4091-295-C-AB	
UA3DUF	168,405-545-103-B-AB	YU3TJL	OK1AOV	16,872-152-37-B	YU3TJL	6,200,535-4091-295-C-AB	
UV3CM	9120-80-38-B	YU3TJL	OK2BLD	14,948-151-31-B	YU3TJL	6,200,535-4091-295-C-AB	
UA3EAL	101,710-665-51-B-20	YU3TJL	OK2BSG	14,880-160-31-B	YU3TJL	6,200,535-4091-295-C-AB	
UA4PNX	38,340-284-45-B	YU3TJL	OK1DMJ	13,608-126-36-B	YU3TJL	6,200,535-4091-295-C-AB	
UA6LAM	37,122-269-46-B	YU3TJL	OK1AGN	11,781-119-33-C	YU3TJL	6,200,535-4091-295-C-AB	
UA6AJF	930-31-10-B-15	YU3TJL	OK3IA	11,625-125-31-B	YU3TJL	6,200,535-4091-295-C-AB	
UA2EC	4455-55-27-B-15	YU3TJL	OK1DGN	9309-107-29-B	YU3TJL	6,200,535-4091-295-C-AB	
UC2WBJ	2376-44-18-B-20	YU3TJL	OK1JIM	6912-72-32-B	YU3TJL	6,200,535-4091-295-C-AB	
UC2ORB	1116-31-12-B	YU3TJL	OK1DZD	4248-59-24-B	YU3TJL	6,200,535-4091-295-C-AB	
UB5UBI	11,583-117-33-B-AB	YU3TJL	OK2PFW	37399-153-21-B	YU3TJL	6,200,535-4091-295-C-AB	
UY5TE	9888-103-32-B	YU3TJL	OK2BEW	6048-84-24-B-10	YU3TJL	6,200,535-4091-295-C-AB	
UY500	8892-114-26-B-80	YU3TJL	OK1TS	3306-58-19-B	YU3TJL	6,200,535-4091-295-C-AB	
UB5PBA	4560-80-19-B	YU3TJL	OK1DMP	2928-61-16-A-QRP	YU3TJL	6,200,535-4091-295-C-AB	
UB5IFN	2688-56-16-B	YU3TJL	OK2BMA	900-25-12-A	YU3TJL	6,200,535-4091-295-C-AB	
UB5IRM	4950-75-22-A-40	YU3TJL	OK3BRK	48-4-4-A	YU3TJL	6,200,535-4091-295-C-AB	
UB5SUCR	2655-59-15-B	YU3TJL	ON7BX	29,829-163-61-B-AB	YU3TJL	6,200,535-4091-295-C-AB	
UB5UKH	1755-39-15-A	YU3TJL	ON5WL	5742-87-22-B-80	YU3TJL	6,200,535-4091-295-C-AB	
UB5CBA	5832-98-24-B-20	YU3TJL	ON7BV	3-1-1-B	YU3TJL	6,200,535-4091-295-C-AB	
UB5VX	3363-59-19-B	YU3TJL	ON4XC	29,484-234-42-B-15	YU3TJL	6,200,535-4091-295-C-AB	
UB5UYR	1785-35-17-A-QRP	YU3TJL	OZ1LO	704,862-1374-171-C-AB	YU3TJL	6,200,535-4091-295-C-AB	
UO5OWC	48,990-230-71-B-AB	YU3TJL	OZ2SWQ	56,232-213-44-B	YU3TJL	6,200,535-4091-295-C-AB	
UP2BAO	110,400-400-92-B-AB	YU3TJL	OZ1CAR	31,374-166-63-B	YU3TJL	6,200,535-4091-295-C-AB	
UP2BBF	459-17-9-B-20	YU3TJL	OZ1FBS	30,672-142-72-B	YU3TJL	6,200,535-4091-295-C-AB	
UP2OU	3180-53-20-B-15	YU3TJL	OZ2BWB	17,628-113-52-B	YU3TJL	6,200,535-4091-295-C-AB	
UR2OI	26,235-159-55-B-AB	YU3TJL	OZ2BAE	12,852-102-42-B	YU3TJL	6,200,535-4091-295-C-AB	
UR2RSA	9282-91-34-B	YU3TJL	OZ1NF	12,519-107-39-B	YU3TJL	6,200,535-4091-295-C-AB	
UR2RRR	72,765-495-49-B-40	YU3TJL	OZ1W	11,450-71-26-B	YU3TJL	6,200,535-4091-295-C-AB	
Y0BBSSE	10,764-92-39-B-AB	YU3TJL	OZ2EIR	31,220-40-26-B	YU3TJL	6,200,535-4091-295-C-AB	
Y06VZ	1728-36-16-B-80	YU3TJL	OZ1DFT	7395-83-29-C-40	YU3TJL	6,200,535-4091-295-C-AB	
Y09YE	3894-59-22-B-40	YU3TJL	OZ1EXZ	1638-39-14-B	YU3TJL	6,200,535-4091-295-C-AB	
Y02BEO	19-30-1-B	YU3TJL	OZ2YL	20,916-166-42-C-20	YU3TJL	6,200,535-4091-295-C-AB	
Y03KJ	27-3-3-B-20	YU3TJL	OZ5KU	18,144-168-36-B	YU3TJL	6,200,535-4091-295-C-AB	
Y09HT	7224-86-28-B-15	YU3TJL	OZ1DKG	5016-88-19-B	YU3TJL	6,200,535-4091-295-C-AB	
Y04KRF	(Y04ATW,opr.)	YU3TJL	OZ6XR	1344-32-14-B-15	YU3TJL	6,200,535-4091-295-C-AB	
	420-14-10-B	YU3TJL	OZ6KS	8-14-1-B	YU3TJL	6,200,535-4091-295-C-AB	
		YU3TJL	OZ1FAO	480-16-10-B-10	YU3TJL	6,200,535-4091-295-C-AB	
		YU3TJL	OZ1PFG	390-13-10-A-QRP	YU3TJL	6,200,535-4091-295-C-AB	
		YU3TJL	PA0VVDV	142,380-452-105-B-AB	YU3TJL	6,200,535-4091-2	