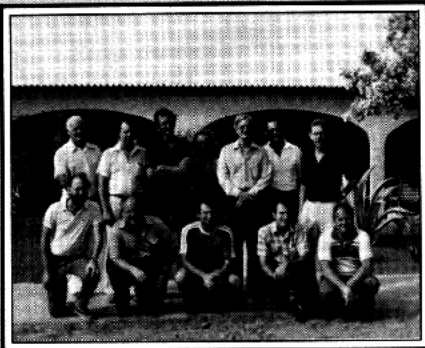
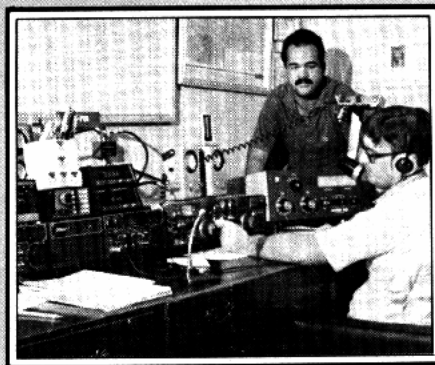




Second in the World in the MS category was this happy group at I3MAU. The Italians really know how to celebrate!



Here they are, the whole P41C crew who just set the new all-time high score ever in a contest. In the back left to right are Chet, PJ9EE; Dave, K3JLT; Hans, PJ2GM; XYL of PJ2GM; Ed, N3ED; Bill, KB2XZ; and Stu, N7ZZ. In the front are Bill, W3XU; Tom, AD3V; Walt, WA3LRO; Jeff, N8II; and Wally, W8LRL. Missing from the photo are Frank, KA3E; Brooke, N2BA; and Neil, AE6E.



The number three Single Op, All Band entrant was Bill, N1GL, who operated HI8PGG (shown in background). What a fantastic score for North America at 9 M!

1981 CQ WORLD-WIDE DX CONTEST PHONE RESULTS

BY LARRY BROCKMAN*, N6AR, AND BOB COX**, K3EST

The dust has settled, and all the shouting is over. Yet 1981 may well be remembered as the year of the unbeatable record, as 5 of the 8 most coveted all-time phone records fell by the wayside. For the first time ever, a single operator station has bested the 10 million mark. Dick Norton, N6AA, still smarting over losing his previous World record last year to Fernando, EA8AK, has scored a phenomenal 11,085,529 points to demolish the old record and set what has to be a standard in DX contesting—a standard like the 4-minute mile. But alas, two others posted phenomenal scores as well, with Fernando, EA8AK, breaking his own one-year-old record to finish second at 9.9 M, and Bill, N1GL, coming in a close third with 9.0 M from HI8PGG. In the end, it was Dick's 20 and 10 meter QSO's that proved to be the difference, overcoming a substantial multiplier edge that Fernando held on the low bands. All in all, new World, North American, South American, and African records have been set in the Single Operator, All Band category, all of which may last for some time to come.

*7164 Rock Ridge Terrace, Canoga Park, CA 91307

**6548 Spring Valley Drive, Alexandria, VA 22312

The second major record broken was the all-time Single Band World record, one that was very hotly contested this year, too. Paul, N4PN, operating his VP2KAA call, managed to squeak by the 2 million mark on 14 MHz, the first time that number has ever been achieved on any band or mode, and that proved to be just enough to nose out Jim, N6RJ, who amassed 1.94 M from nearby ZF2FL. Paul's extra 8 countries and higher point ratio overcame Jim's fine 250 QSO edge, proving that one can work too many W's!

And then, of course, the largest score ever achieved in a contest (42 M) has been posted by the crew at P41C. Those guys were just absolutely determined after narrowly losing out last year from PJ2CC at a run for the record set by VP2KC in 1979.

In the U.S.A. arena, John Dorr, K1AR, has captured N7DD's old U.S.A. phone record with a fine 3.5 million points. John now holds both the phone and c.w. U.S.A. records! Congratulations are in order. In the Single Band category, Larry Pace, N7DD, abandoned his chance to stave off K1AR's assault at his record. Instead, Larry set an all-time record for the U.S.A. in the Single Band category with an unbelievable 920 K on 15 meters. Larry holds the U.S.A. record now for both 10 and 15 meters. WOW!

Other Multi-Operator Highlights

Things were a bit quiet this year in the Multi-Single category, with no records of any kind being set! The guys at VP2MFW took World high in the MS category with 8.3 M in a very tight race with the crew at I3MAU, who were just 42 K behind. U.S.A. high MS was K3LR with 3.87 M, just a tad above KX4S. In a Jim Lawson led comeback, W2PV edged out recent perennial Multi-Multi winner N2AA with a fine 10.6 M point score. We are pleased to report that Jim's trophy made it to him before he passed on in mid-May. W2PV's loss will be felt by all of us in contesting.

Other Single-Operator Highlights

This year's Single Operator, Single Band winners included ZZ5EG on 10 meters with a great 1.8 M score, and a new South American mark for that band. On 15 meters, VP2KAC, operated by Val, N4RJ, took World high and set a new North American record. Rounding out the trio of North American single-band records set this year, all three of which were from the VP2KC location of 1979, was Bob, K4UEE, at VP2KAE with a new 40 meter North American Record effort of 432 K. Not enough, though, for World high, as Mike, ZL1BIL, narrowly edged

him out with 443 K to snag a new all-time World high and Oceania high mark for 40 meters. On 80 meters, YV3AZC ran away with his second World high in a row, almost double the nearest score. The 160 meter band was tough, but UP2BAW accumulated a fantastic 20,000 points amidst all the static crashes. Congratulations on a terrific job!

Meanwhile stateside, Bill, W0ZV, took top 10 meter honors; Bob, K2HFX, took the top spot on 20 meters; and Roy, W7IVX, led a field of 3 U.S.A. contenders separated by less than 1,000 points on 80 meters. Chuck, K0RF, continued his fine work on 40 meters with a fabulous 150 K, a new all-time U.S.A. 40 meter mark. WB3GCG captured 160 meter honors with 1280 hard-to-get points.

Other Records

In other fine record-setting performances, 4X0U set a new Asian Single Operator, All Band mark at 3.5 M, while Randy, KH6XX, did the same for Oceania at 5.7 M. That's new records for all continents except Europe in the All Band category. Single Band records include Africa 21 MHz, EL2AV; Asia 1.8 MHz, 4X4NJ; Asia 7 MHz, 4Z4DX (what a signal here on the West Coast long path, too); Europe 7 MHz, I6NOA; Europe 21 MHz, YU3TU; Europe 28 MHz, 9H1EL; Oceania 14 MHz, KG6DX; Oceania 21 MHz, KP4KK/DU2; and South America 21 MHz, YV3BJL. Congratulations to all.

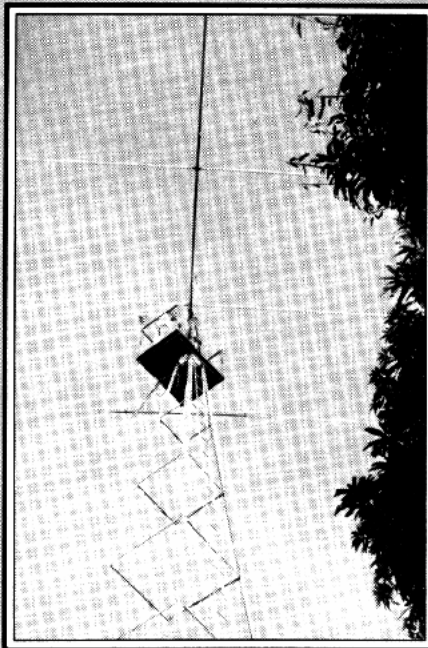
Some Off-Hand Comments

Each year when we compile the QRM section of the results, we are amazed at the variety of opinions that we get. Some guys comment on how wretched conditions were or activity was; other comment that things have never been better. There are the usual visits by Murphy, but judging from some of the pictures and scores that we get, sometimes things go just right, too. Anyway, your comments generally reflect the fact that you are having a good time, and that's what it's really all about. Please, let's not forget that point as you scan the incredible record-breaking results. It's still very easy to make a lot of good DX contacts and have a good time.

For those of you who think you don't have a chance to win anything, just scan over the results a little closer. There's hardly a call area or a country where some type of certificate wasn't available in one or more categories for those who put in an effort. For example, in W2 and W6 lands, there were no 80 meter entrants at all, nor were there any really competitive entries on either 14 MHz or 7 MHz from W4 land. So next year, why not give it a try yourself. Bet the contest bug will really bite you if you do!

Rules Comments

Each year we get a little static from the

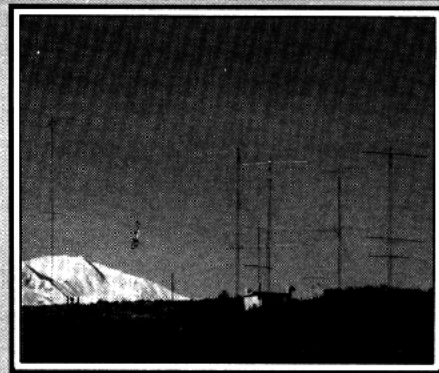


The first-ever 2 million point single band effort was achieved by N4PN at VP2KAA with this 5-element Yagi. Paul, N4PN, is shown making some adjustments.

sea lawyers over some aspect of the rules. This year three rule areas in particular were in contention. We sent out warning postcards to some guys who didn't fill in the "sent" and "received" serial numbers (report and zone) in their logs for their contacts. One indignant fellow claimed that the rules didn't require logging the exchange! We thought about that and read the rules closely. Even though there are columns on our log forms for all sent and received exchanges, the logging data rule is not very clear. Come on guys, those columns on the log pages are there for a reason. Nevertheless, if we have to change the rule to make it more specific, we will. For the record, though, the committee feels that you are required to log or otherwise call out the complete exchange sent and received.

The second rules issue is club competition rules. As we've said at some of the conventions, we'd like to avoid having to enact explicit rules to cover every conceivable contingency. Yet, we are continually being hit with questions about mileage rules to meet club eligibility, meeting requirements, what constitutes a DXpedition, etc. One airline pilot has vociferously objected to our ruling that his Georgia state score can't be counted for the Frankford Radio Club's effort. Yet he hardly can be considered as part of the suburban Philadelphia scene under any stretch of the imagination. W4 land does not qualify as a DXpedition to us either.

The thing that makes it difficult for us here is that we don't feel that explicit rules are fair due to the wide differences in what constitutes local clubs across the country, and for that matter, over different parts of the world. Also, we don't feel



The annual battle for the most impressive QTH goes to K0UK, who sports this fantastic location.

we have any right to tell participating clubs how many meetings they must hold.

So, like it or not, we plan to continue to rule on a case-by-case basis. By the way, the situation in New England with the YCCC is beginning to catch our eyes. We're not too sure that a New York City to Boston and beyond geographical area ought to be allowed as a "local club." There do have to be limits to the "local area."

The third area concerns the Multi-Single category. One station sent us a letter accusing another entrant of going through his Multi-Multi log and "converting" it into Multi-Single by deleting some contacts. Sorry, but we really take a dim view of that. Let's be fair about it. The category you begin in is the one you must claim. It may be hard for us to prove, but we'll do our best to catch anyone who tries that kind of nonsense.

Good News

The good news this year was all those African multipliers we heard. It looks like our appeal to the rank and file to drum up third world participation in the contest has worked. But heavens, don't relax. Keep up the good work for the benefit of us all in the 1982 test.

Other good news relates to some special log checks we ran this year. A substantial number of QSO's in the top four W Single Operator All-Band logs were cross-checked on a random basis. We're delighted (and amazed) to report that only one QSO could not be completely confirmed in all four logs, and that one QSO was a case in which the U.S.A. station's call was in the DX station's log, but was crossed out for some reason. Our congratulations to K1AR, W1ZM, K2TR, and K2BU on phenomenal logging accuracy, a real shot in the arm to us after some sad experiences in recent years.

C.W. Contest Results

The C.W. Contest conditions were the best we've ever heard. Stay tuned in next month's issue for all the exciting results.

73, Larry, N6AR, and Bob, K3EST



From far-off Mongolia, we were honored to have Bator, JT1BG, participate in the WW test. Sure wish my JT1BG card would come through the bureau!

U.S.A. QRM

QRM was tremendous on 28.5-28.8 ... N4CT. Try saying WB0YJC portable four one thousand times in a weekend ... WB0YJC/J4. Biggest thrill was having UK1PGO answer my CQ ... AA4M. Learned new propagation paths—the contest is a great teacher ... K4PI. Working TYA11 and beating N2AA, W3BGN, and W3LPL on 6W8DY—Wow! ... WA4SVO. A good warm-up for C.W.—it makes one mean ... W4NL. Sure wish DX stations would listen up on 40 ... KB4CD. Wish DX stations would identify more frequently ... W4KMS. Mom screaming "go to bed," Dad screaming "do your homework," me screaming "CQ contest!"—what a mess ... N5DDO. Amplifier broke, rotor broke, and operator failed all on the first day ... K5NW. Stopped to eat dinner (you had better print it) ... W6BH (Opr. WA6IQM). I've had this call for 2 years and half the U.S. still thinks I'm on Midway ... KM6K. Picked up country number 250 QRP ... WA2JOC/8.

Biggest thrill was AH8A answering on second try—very hard to work on 2 watts ... WD8IDD. My friends told me that working 20 M QRP would be crazy. They were right ... KB2NU. Amazed at the number of stations with the call sign QRZ ... KC2P. Our 20 M op got so excited that he asked Y11BGD to repeat his call six times ... K1UO. Worked HZ1HZ, 4S7AAG, and 3X1Z all on 2-3 calls—the antenna must be working ... KA1EIV. Ten meter op went into shock after A6XTH called ... KE2C. Well, we tried and had fun ... N2BNC. When K8MR worked Y11BGD, he started calling CQ in foreign tongues ... K3LR. Someday I'd like to get into a contest and not have a transmitter go or an antenna break ... KB3HE. I need to master the split control on the IC-730 ... W6GO. Going into this contest without an amplifier is like being fed to the crocodiles ... N6WR. Biggest thrill was when the line noise disappeared for a few hours ... WA7KLK. Had a great time. Will be back next year ... KJ9D.

Hard to have sympathy for DX stations I duped when some of them didn't give their own calls for 20 QSOs or more ... N7DF. Missed EU multipliers by sleeping through the alarm clock both mornings ... KG5W/7. Ten meter QSOs to Europe from the Pacific Northwest were rare this year ... KC7EI. Smoke clouds from the gear meant plenty of rebuilding during the test ... K7LZJ. In this contest you didn't need giant antennas to work lots of new countries ... K17F. I set a goal of 100 countries in less than 24 hours on one band—made it, too! ... W7IL. Got my new tower up one day before the test—whew! ... W3HKK/8.

Very helpful using CQ's propagation forecasts to plan this one ... K8PUJ. Biggest thrill? Just plain fun! ... K8CV. Fun breaking pileups with my modest station (100 watts and trapped vertical)! ... WB8UGI. Being a YL in the test was extra fun! ... N8CNT. Enjoyed s.w.l.'ing the test as much as working stations ... K8PSR. Two rotors died. Wait 'til next year! ... A19J. Wish DX stations would ID more ... Sheboygan County DXA. Pinched nerves in left arm due to resting arm on desk all weekend. Fingers still numb, weeks later. My doctor says it's a case of Contest Elbow! ... N9AFV.

Team competition within your DX club sure boosts the enthusiasm ... K9RN. True love—my wife did the dupe sheet ... WA9MAG. Fun until the cops showed up with a t.v.i. complaint ... N9ACP. Best part of the phone test is looking forward to the c.w.! ... K9QVB. Always enjoy running with the Big Guns ... W9MYG. Great contest—no t.v.i. reports! ... WD0FSJ. Still pruning my monster quad at start of test—exhausted ... AG0M. Always enjoy the Big One—CQ WW ... WB0CMN.

DX QRM

Very good activity ... HA4XX. Worst propagation since 1970 on 80 ... HA8KQX. Particularly happy to work XZ9A and 3X1Z ... HA4XH. Homemade 4-element 40 meter Vee beam broke in wind 2 hours into the contest ... I6NOA. I have been a ham since 1953 and say that the CQ WW contest is the best contest in the world ... IT9ZGY. I hope to go multi-operator here next year ... SV0BP/SV9. Smattering of long-path opening to JA/YB at about 1800Z on 10 meters was pleasant surprise ... 9H1EL. Called CQ zone 40 and OX3JF answered ... VE5AE. Great contest, fantastic conditions, will be back next year ... VO2WL (fantastic—ed.). Static on ungrounded antenna took out receiver front end ... ZS6BPL. We had many problems with the electricity—7 rigs failed ... HK4RCA. You never print our comments anyway ... VE1DXA. My 10 meter log looks like the German callbook ... VE3PCA.

Need bigger antenna, more operators, and better propagation ... VE5DX. Our first contest. Quite an experience ... 8P6MH. Very enjoyable. Who says missionaries only run phone patches? ... WB5SNA/HR1. Biggest thrill was working 160 M from Mexico ... XE2BC. We operated only 46 hours because I fell asleep at the mike ... VP5IW. Azores Island stations are always with you ... CT2CE. This time I actually managed to hold a channel for awhile and get a stream of W's to call me ... G3ZAL. 40 M is really tough going from Europe ... G3UKS. The ZK2 called me through a JA pileup ... DK8NG. Looking forward to the next one ... EI5DP. Could not talk for 3 days afterward ... GD5DZP. The mother-in-law visited during the contest! ... PA3ADJ. I always look forward to this contest because of all the termites that come out of the woodwork ... KH6NO.

First time on DX side proved most enjoyable ... WA1UZH/KH6. Enjoyed it even though t.v.i. severely limits my operating hours ... VK1JN. The "Yanks" were kind to me ... VK2NHV. S9 noise on all bands the first day ... VK3SM. Next year the whole weekend is booked for the contest ... VK5OU. Bloody woodpecker—curtains ... VK6FS. Very difficult to get a pile-up; no one is looking for zone 28 ... YB2CR. Difficult to sort out countries from all the strange prefixes ... ZL3ABC. My thanks to the most well-mannered operators—the JA8's ... S83W. Could not be on the air longer because of my UN duties ... OH1TD/4U. Only worked a half day; got sick from virus, but still enjoyed the contest ... 9Q5FL. I will be back next year ... ZL1BPK. Will be on from CT2 next year for all the contests ... KP4KK/DU2. Well pleased with a solid run of 1539 QSOs in 8 hours last day on 28 MHz ... GU3HFN (sorry, but you counted 100 per page instead of 80!—ed.).

We put up a new 6 element log Yagi on 20 and it was very successful ... HG5A. Last year the QSOs; this year the multipliers; next year both and a good score ... F3TV. Plenty of snow and heavy winds ... HB0BHA. Great fun ... YU4FRS. We understood the multi-single 10-minute rule clearly 3 days after the contest ... EA7TH. Never had such a cold shack ... GD5DLW. Finished our 3 element 40 M monobander on Friday; it was a great help ... SP9PDF. One hour after the contest we blew up the linear ... SV0BV/SV5. Tried sloping dipoles for the first time after inverted Vees (for 80) ... UA9CBO. I lost electricity during the second night ... UA6AAM. Made DXCC this weekend with 101 countries ... UB5PBA. With only 2 watts worked 6 continents in 90 minutes ... OE1SBA. Could not get up early in the morning ... VE3MFA.

Good conditions on the long path on 40 M to W6 ... 4Z4DX. Buying a beam and hiring a babysitter will improve the score next year ... VE6BEO. Great fun—next year I won't have a throat virus ... ZS6YO. Tried hard, but 40 and 80 M antennas didn't work ... ZS3HL. 10 M opened to the east coast at 2354 the last day; they were glad to see me ... HL9DX. Conditions were either feast or famine throughout the weekend ... VK4LX. Sure wish the 10 M band had opened to Europe just once ... VE7BT. Lots of fun but hard on the constitution ... VE2EVO. What a weekend to discover I had t.v.i. ... VE2DUN. I even got 10 hours sleep ... VE3GCO. Didn't Alaska participate? ... VE3IPR. Fell asleep Sunday morning and woke up 5 minutes after the contest ended ... VE3EEW. I found that I spent four times the actual operating time preparing the log ... TE1C (TI2CF). Fantastic host, country, and contest. Wait till next year ... HIBPGG (N1GL). Unfortunately, I could not finish the contest because of physical collapse ... 4M2AMM.

STATION OPERATORS

Multi-Operator Single-Transmitter

AB1C & W1YN. AA4FF & N4FMW. N4UA. N14R. N14Q. W4VP. W4WWQ. W4ARTS. W4ZPF. W4ELJ. AA6T & KA6LAF. N6BSU. AD8P & K8NZ. N8ABL. W8ASAC. W8BWB. A10Z & W8SEN. N0AN. AK0M & N0CAY. CE2AA. CE2BMV. CE2BNT. CE2BXN. CE2CC. CE2CZM. CE2DAM. CE2DOR. CE2HF. CE2MM. DF8SI. DF6CZ. DK8MO. DL1MAR. DL8MBS. DJ0VZ. DK6E. DK8KL. DL0PE. DF30E. DF6AU. DL4AAE. DL8JK. DF22N. DF2ZO. DF6ZH. DK2XX. DK6FT. DK8Z. DL9AFX. DL0WW. DB9FB. DF1ZE. DF5ZF. DF7ZP. DJ0DU. DJ0SU. DK8WD. DL3ZA. DL5FAV. EA1DX. EA1QF. EA2AFZ. EA2AJH. EA2IA. EA2JG. EA2OP. EA3APV & Guest Op. EA7TH & EA7CEC. EA7CFW. EA7UH. EA7WC. Jose Angel. EA8ND & EA8MO. EA8SB. F2LY & F6BDN. F6DBH. F6DFQ. F6DYK. F6EDM. F6FIO. F6HBK. F3TV & F6ARC. F6BEE. F9IE. 8BJC &

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PHONE TROPHY WINNERS AND DONORS

SINGLE OPERATOR, ALL BAND World

9Y4VT (Opr. Richard J. Norton, N8AA)

Donor: Bill Leonard, W2SKE

World—QRPP

Sergio S. Nestl, I5NSR

Donor: Adrian Weiss, K8EEG/0

U.S.A.

John Dorr, K1AR

Donor: Potomac Valley Radio Club

Canada

Garry V. Hammond, VE3GCO

Donor: Jack Baldwin, VE7RG

Carib./C. A.

Charles L. Clayton, VP2MBA (W7FP)

Donor: Jim Nelger, N6TJ

Europe

Roland Mensch, DK3GI

Donor: Thomas J. Peruzzi, Jr., W4BVV

Africa

Fernando Fernandez, EA8AK

Donor: Gordon S. Marshall, W6RR

Asia

David Goldstein, 4X0U (4X4UH)

Donor: Japan CQ Magazine

Japan

Toshikazu Kusano, JA1ELY

Donor: Palm Garden Contest Club

Oceania

Randall F. Sobol, KH6XX

Donor: Northern California DX Club

South America

Sergio Pontoni, 4M2AMM (YV2AMM)

Donor: David Novoa, KP4AM

SINGLE OPERATOR, SINGLE BAND

World—14 MHz

Paul H. Newberry, Jr., VP2KAA (N4PN)

Donor: K2HLB Memorial

(No. Jersey DX Assoc.)

World—21 MHz

Hugh S. Valentine, VP2KAC (N4RJ)

Donor: Lee Wical, KH6BZF

World—3.8 MHz

David B. Perrier, C6ADV

Donor: Fred Capossela, K8SSS

U.S.A.—21 MHz

Larry Pace, N7DD

Donor: Southern California DX Club

U.S.A.—28 MHz

William R. Tippett II, W0ZV

Donor: Donald Thomas, N6DT

U.S.A.—3.8 MHz

Raymond N. Hopplins, W7IVX

Donor: Arnold Tamchin, W2HCW

Canada—21 MHz

Yuri Bianarovich, VE3BMV

Donor: Gene Krehbiel, VE7KB

Carib./C.A.—21 MHz

Carlos Fonseca, TE1C

Donor: KP4ES Memorial

(Pedro Piza, Jr., NP4A)

Europe—28 MHz (Zone 14)

Jose Miguel Sintes Pujol, EA6ET

Donor: A.G. Anderson, GM3BCL

Japan—21 MHz

Ichizo Kitade, JA2APA

Donor: DX Family Foundation

South America—28 MHz

Atilano De Oms, ZZ5EG

Donor: Rafael Ponce De Leon, CX3BR

MULTI-OPERATOR, SINGLE TRANSMITTER World

VP2MFW (Oprs. KP4BZ, NP4CC, K000)

Donor: Don Wallace, W6AM

U.S.A.

K3LR (Oprs. K3LR, K8MR, K8CX, AF3P,
WB3EUB, WB3EVB, WD8ALG, KB8EI,
KA3DRR, W3HV, N3CGI, N3CGK, WA3WIK)

Donor: Theodore Pauck, Jr., K8NA

Canada

VE3PCA (Oprs. VE3KKB, VE2ZP, VE3CXL,
VE3FQX, VE3MHI, VE3CRG)

Donor: Calgary Amateur Radio Assoc.

MULTI-OPERATOR, MULTI-TRANSMITTER

World

P41C (Oprs. N3ED, WA3LRO, N7ZZ, N8II,
KA3E, W8LRL, K3JLT, AD3V, N2BA, W3XU,
KB2XZ, AE6E)

Donor: Radio Club Venezolano

U.S.A.

W2PV (Oprs. W2PV, K1DG, K1GQ, K1JX,
W1OD, W2IB, N2NT, WB2PUH, WA2SPL,
K2TR, AG2X, K2XA, AA2Z W3AZD)

Donor: Dale Hoppe, K6UA

Europe

YT0R (Oprs. YU1EW, YU1PKC, YU1UU,
YU7BB, YU7ODS, YU7OQI, YU7OQZ,
YU7QBC)

Donor: Bob Cox, K3EST

CONTEST EXPEDITIONS

World—Single Operator

HI8PGG (Opr. Bill J. Ovca, Jr., N1GL)

Donor: Stuart Meyer, W2GHK

World—Multi-Operator

KG6RE (Oprs. N6BT, N6TU, KC4BH,
JA2VUP, JA5GZB)

Donor: The YASME Foundation

TOP SCORES

WORLD		USA	
Single Op All Band		Single Op All Band	
9Y4VT	11,085,529	K1AR	3,554,880
EA8AK	9,974,811	W1ZM	3,206,348
H18PGG	9,009,721	K2TR	3,153,664
N6KT/HK0	6,823,008	K2BU	2,646,098
4M2AMM	5,770,310	W3BGN	2,493,900
KH6XX	5,713,434	K8LX	2,185,528
DK3GI	4,461,908	N2LT	2,056,912
DK8NG	4,127,424	N3AD	2,008,800
DJ4PT	3,986,400	N7DF	1,920,192
VP2MBA	3,628,944	W9RE	1,867,278

Single Op Single Band 28 MHz		Single Op Single Band 28 MHz	
ZZ5EG	1,760,130	W0ZV	663,170
KB7IJ/KH2	1,442,480	K5RC	623,729
9H1EL	1,355,760	W1WEF	535,382
I8UDB/IC8	1,355,648	W5XZ	498,170
YO1K	1,143,625	W6RR/7	479,360
EA6ET	1,107,358	WB4DWD	457,530

21 MHz		21 MHz	
VP2KAC	1,783,500	N7DD	923,945
JE1C	1,449,805	K7RI	630,136
KP4KK/DU2	1,413,042	W9ZRX	549,696
EL2AV	1,404,936	KM6B	527,150
YU3TU	1,312,793	K9DX	514,098
YV3BJL	1,231,630	WB0CMM	422,280

14 MHz		14 MHz	
VP2KAA	2,011,185	K2HFX	484,449
ZF2FL	1,940,539	W0UA	305,610
OE6MBG	1,018,818	K1NG	284,170
KG6DX	923,510	W6YA	283,936
VO2CW	898,720	W7IL	282,408
YV1DQU	882,735	K2RD	269,439

7 MHz		7 MHz	
ZL1BIL	443,646	K0RF	150,810
VP2KAE	432,942	K7UR	97,478
ZL1AZV	332,508	K6QEH	93,930
I6NOA	292,152	K9KA	58,860
YV3BQS	287,850	K2IGW	57,810
CT2CE	257,580	KB0U	53,636

3.8 MHz		3.8 MHz	
YV3AZC	160,740	W7IVX	24,603
C6ADV	85,666	WA4SVO	23,779
YU4VBR	79,524	N7RK	23,595
YU3APR	79,390	AB1A	20,976
DF9QO	70,551	W4NL	20,448
HA5KDB	58,422	K9WZB	6,840

1.8 MHz		1.8 MHz	
UP2BAW	20,091	WB3GCG	1,280
YU3EF	7,611	N4IN	1,173
VE3MFA	5,180	K5UR	1,008
OK1KPU	4,740	W4PZV	738
4X4NJ	3,942	AA1K/3	645
SP9DH	3,904	KB8AC	598

Multi-Op Single Transmitter		Multi-Op Single Transmitter	
VP2MFW	8,321,040	K3LR	3,867,840
I3MAU	8,279,232	KX4S	3,837,896
HP1XRK	7,932,712	WB2FZO	3,755,350
Y23EK	7,247,100	N4ZC	3,749,108
GU3HFN	7,234,392	W4QAW	3,722,928
R5I	6,742,879	K0UK	3,522,168

Multi-Op Multi-Transmitter		Multi-Op Multi-Transmitter	
P41C	41,957,244	W2PV	10,618,352
KG6RE	18,781,080	N2AA	10,399,208
YT0R	13,462,620	N5AU	10,003,840
VP9AD	13,338,000	K1OX	8,016,197
K6HNZ/		KN6M	7,300,170
CT3	13,149,240	W3LPL	7,260,708
OH1AA	10,840,617		

COMPUTERIZED MORSE KEYERS

AEA, the first company to introduce microcomputerized products to the Amateur Radio market, is proud to announce the second generation of computerized electronic keyers. Each keyer is pre-programmed, no computer language is required of the operator. The easy to use keypads eliminate up to 75 switches or potentiometers, thereby greatly simplifying the operation of such sophisticated keying systems. We invite you to compare the features of our keyers (shown below) to ANY others.

IMPORTANT KEYS AND/OR TRAINER FEATURES	AEA MM-2	AEA KT-2	AEA CK-2
Speed Range (WPM)	2-99	1-99	1-99
Memory Capacity (Total Characters)	500	N/A	500
Message Partitioning	Soft	N/A	Soft
Automatic Contest Serial Number	Yes	N/A	Yes
Selectable Dot and Dash Memory	Yes	Yes	Yes
Independent Dot & Dash (Full) Weighting	Yes	Yes	Yes
Calibrated Speed, 1 WPM Resolution	Yes	Yes	Yes
Calibrated Beacon Mode	Yes	N/A	No
Repeat Message Mode	Yes	N/A	Yes
Front Panel Variable Monitor Frequency	Yes	Yes	Yes
Message Resume After Paddle Interrupt	Yes	N/A	Yes
Semi-Automatic (Bug) Mode	Yes	Yes	Yes
Real-Time Memory Loading Mode	Yes	N/A	Yes
Automatic Word Space Memory Load	Yes	N/A	Yes
Instant Start From Memory	Yes	N/A	Yes
Message Editing	Yes	N/A	Yes
Automatic Stepped Variable Speed	No	No	Yes
2 Presettable Speeds, Instant Recall	No	No	Yes
Automatic Trainer Speed Increase	Yes	Yes	N/A
Five Letter or Random Word Length	Yes	Yes	N/A
Test Mode With Answers	Yes	Yes	N/A
Random Practice Mode	Yes	Yes	N/A
Standard Letters, Numbers, Punctuation	Yes	Yes	N/A
All Morse Characters	Yes	Yes	N/A

For more information write AEA, or better yet see your favorite dealer for a demonstration.

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P.O. Box C-2160,
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(206) 775-7373
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MM-2



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KT-2



Keyer Trainer

CK-2



Contest Keyer

AEA
Brings you the breakthrough!

BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSO's/Zones/Countries on each band.

WORLD TOP SINGLE OPERATOR—ALL BAND

Station	160	80	40	20	15	10
9Y4VT	50/6/10	257/14/32	363/22/63	800/34/110	1130/33/88	3107/31/104
EA8AK	44/9/22	220/19/63	371/30/80	1034/30/88	1542/33/99	2295/31/104
HI8PGG	35/5/9	226/12/39	550/21/70	1170/31/89	1869/31/86	3337/31/99
N6KT/HK0	9/4/4	310/11/25	470/16/34	1306/27/76	1957/31/78	2756/28/90
4M2AMM	210/13/28	582/22/66	1003/30/72	1112/28/88	1495/22/73	W3BGN
KH6XX	37/6/6	232/18/26	286/20/38	499/27/62	1436/30/65	2422/30/65
DK3GI	51/4/26	112/14/41	680/38/109	1027/37/102	1280/33/102	N2LT
DK9NG	22/4/14	141/10/47	133/16/58	405/27/84	383/26/78	1972/33/111
DJ4PT	16/2/10	191/10/43	437/18/65	396/28/72	810/32/67	1695/34/72
VP2MBA	4/2/4	111/6/13	247/17/52	796/28/80	1240/24/77	1271/23/70

USA TOP SINGLE OPERATOR—ALL BAND

Station	160	80	40	20	15	10
K1AR	5/2/3	55/13/33	80/20/50	487/35/111	590/34/107	977/36/116
W1ZM	11/5/6	86/18/45	102/22/55	329/33/92	640/31/103	860/30/108
K2TR	5/2/2	59/14/33	100/19/51	321/30/89	671/35/99	991/29/105
K2BU	5/9/10	59/10/38	88/18/44	478/29/87	464/27/84	865/31/101
W3BGN	14/6/8	55/13/35	85/18/43	366/33/96	464/29/90	711/30/107
K8LX	7/4/4	64/15/40	114/21/62	249/32/83	359/30/92	713/30/101
N2LT	5/3/3	26/8/18	79/20/42	323/29/89	370/31/92	737/29/100
N3AD	42/12/28	38/12/26	363/29/89	378/29/87	730/30/108	
N7DF	12/4/3	79/15/24	95/18/27	194/33/82	739/33/77	512/30/92
W9RE	8/5/6	36/9/21	82/23/49	240/32/90	364/32/89	615/28/99

WORLD TOP MULTI-OPERATOR SINGLE TRANSMITTER

Station	160	80	40	20	15	10
VP2MFW	213/12/28	326/20/67	1640/28/102	1541/28/91	2927/32/96	K3LR
I3MAU	225/16/61	379/26/80	1175/38/125	1548/36/105	1479/36/103	KK4S
HP1XRK	9/7/6	32/12/25	610/21/59	1593/34/102	1746/34/100	WB2FZO
Y23EK	184/7/41	253/18/52	985/32/104	2168/32/98	1867/31/95	N4ZC
GU3HFN	34/3/15	285/11/53	246/13/64	827/29/95	1301/34/103	2630/30/86
RS1	26/6/22	275/18/58	534/31/85	936/39/127	1764/36/109	1386/31/109

USA TOP MULTI-OPERATOR SINGLE TRANSMITTER

Station	160	80	40	20	15	10
K3LR	13/6/11	50/15/44	103/26/69	843/36/128	336/33/110	792/32/122
KK4S	6/4/5	35/14/32	85/23/70	474/36/112	729/35/109	919/32/121
WB2FZO	7/3/4	81/19/56	58/18/53	662/35/116	617/34/103	808/32/117
N4ZC	10/7/9	35/15/33	90/26/65	497/35/120	505/34/107	1019/34/128
W4QAW	11/6/9	54/17/42	120/27/72	263/34/109	565/35/124	1005/34/132
K0UK	13/8/12	60/20/39	403/28/72	278/36/102	669/35/90	768/33/108

WORLD TOP MULTI-OPERATOR MULTI-TRANSMITTER

Station	160	80	40	20	15	10
P4IC	261/9/21	861/22/69	1752/30/98	4837/38/156	5790/39/143	4813/35/138
KG6RE	2/2/2	217/12/23	934/27/48	2207/38/116	4147/36/96	4552/35/95
YT0R	136/7/31	411/11/55	901/27/87	2556/39/144	2144/35/127	2178/35/110
VP9AD	82/4/6	459/15/37	413/19/64	2868/36/127	2732/35/106	3096/34/102
K6HNZ/CT3	185/11/39	378/13/48	1675/32/106	3038/36/106	3193/31/98	
OH1AA	79/4/23	415/12/57	719/28/179	1835/40/144	2082/39/126	1460/37/122

USA TOP MULTI-OPERATOR MULTI-TRANSMITTER

Station	160	80	40	20	15	10
W2PV	48/7/10	348/19/61	357/28/84	1112/37/149	1735/37/157	1524/34/146
N2AA	39/7/10	263/20/60	342/28/88	1364/36/141	1496/36/135	1730/32/146
N5AU	115/8/12	109/22/48	425/31/87	1079/37/147	1393/38/133	1751/35/147
K1OX	41/5/8	138/18/52	229/24/72	905/36/145	1286/34/128	1478/36/138
KN6M	16/4/4	243/18/36	803/28/64	475/35/109	974/37/104	1941/34/117
W3LPL	80/6/9	156/18/56	231/28/87	783/35/138	1297/37/144	969/35/139

WORLD TOP 10 QRPP

(5w input)

1. I5NSR 670,133
2. OA8V 545,400
3. WB2ULI 505,997
4. K3ZL 434,720
5. DF4RD 407,313
6. ON6NL 344,268
7. OK3CGP 299,446
8. N2US 171,264
9. G3FTQ 163,344
10. AJ7S 148,144

AB2E	393,108	576	67	179	W33CIW	530,726	584	98	236	AI2C/4	717,641	717	94	260
N2ATD	293,066	365	77	200	W3ICM	527,553	553	99	252	K4GFH	646,722	704	100	242
W2BTU	291,116	450	71	188	K3ZZ	489,223	543	93	236	KD4UH	646,212	692	105	238
K2SNK	281,880	405	62	181	W3IQS	474,275	561	81	224	NQ4I	646,050	635	108	257
K2PA	272,406	411	78	171	KC3H	459,096	624	73	191	N4AJZ	643,670	678	101	236
K2ZSY	260,775	407	53	172	K3TC	439,110	551	75	242	N4MO	622,336	642	98	254
W2KI	215,878	320	70	177	W3MHO	429,828	602	60	178	KC4UQ	563,760	568	103	257
N2BIN	183,008	369	44	128	K3OX	426,590	529	76	214	W4RW	498,464	590	85	211
W4WYR	176,436	255	51	146	W3ARK	401,349	565	61	190	W4NT	494,262	532	103	236
N2BZK	164,889	321	54	140	W3GL	369,117	480	74	205	KB4C	466,057	537	92	221
K2SHL	154,036	284	54	146	K3MVV	366,124	441	93	221	W4YE	433,260	589	66	195
W2HG	136,080	237	64	146	K3HP	351,392	447	86	192	N4MX	431,288	491	91	228
W2NC	127,908	228	58	124	W3JPT	343,910	523	61	117	N4CD	410,564	506	89	212
W4DPU	127,218	256	56	122	W3KIL	327,771	497	68	169	K4IOH	401,202	509	79	200
W4CYQ	126,243	269	47	122	W3QHF	307,112	413	70	192	W4BGT	391,776	433	94	242
KB2SE	116,219	270	52	111	W3DHM	267,840	331	79	209	N4PB	345,054	468	72	190
K20Y	115,857	239	67	122	K3JH	220,324	348	61	162	W4CEB	325,407	438	85	206
KB2WN	113,103	232	53	124	N3W	208,488	343	63	156	W4BV	306,290	407	82	199
W4LJM	107,085	229	47	118	W3EVW	200,925	328	61	154	KB4YG	259,598	321	82	211
KE2M	105,860	240	49	109	W3JKT	198,202	311	60	166	KA4NCZ	257,760	399	67	173
AG2S	99,792	240	49	113	AF3E	190,180	280	58	188	WD4IXE	239,148	330	71	181
KA2HAR	93,578	293	45	97	K3IE	188,587	343	59	144	WD4IKI	231,812	359	72	166
N2AIF	84,854	199	45	109	W3GN	180,994	316	55	154	K4PHE	154,475	297	57	128
WB2THN	72,615	254	28	78	AI3Q	179,010	273	59	176	W4NTI	147,472	260	66	142
WB2PKA	66,411	174	43	98	N3CHE	173,844	331	54	144	K4BAI	130,203	300	45	108
W2GKZ	62,282	163	44	105	W3YHE	171,840	322	56	136	K4IR	128,640	231	70	131
K4ZEA	49,500	179	34	76	W3GRS	158,010	251	67	163	W4AMT	127,246	306	38	111
W2PHY	49,042	152	33	80	W3IMY	158,004	287	58	140	WD4PVI	106,930	213	59	126
WB2CJL	48,720	148	39	77	AD3Z	140,580	236	57	156	K4DPA	103,827	249	50	109
KF1R	42,000	169	31	74	W3HVM	133,407	267	52	131	K4YXJ	88,068	193	49	115
W4EEQ	38,340	102	48	87	K3KP	124,733	287	53	120	K4XLX	63,832	152	54	104
W2TZ	37,884	116	43	80	KB3BW	120,704	245	53	131	K4WHN	51,337	179	43	90
W2FY	36,418	98	48	91	AI3E	97,088	213	47	117	W4KMS	49,005	139	45	91
KK2A	19,110	117	17	48	K3WX	95,142	257	52	105	W4KLS	48,789	126	45	94
W42IMH	18,105	86	27	58	K3NL	86,019	198	46	133	K4JLD	47,736	120	55	98
W2DSE	16,750	170	48	96	K3JG	81,708	200	41	88	W4FC	47,560	150	33	83
K2HPV	12,900	75	14	46	KA3DSW	62,853	180	39	84	W4WJ	45,765	126	41	94
N2BCF	5,736	46	18	31	W3ETB	51,729	156	41	88	W4JRU	45,240	163	41	94
KB2SE	21,074	543	28	110	KA3FLG	48,561	163	27	74	KB4YV	41,580	119	41	94
K2SPD	104,478	276	28	101	KB3QD	41,838	127	32	82	W4YV	39,510	157	27	63
KJ2N	80,190	281	23	76	W3CZK	35,380	117	41	75	W4AETL	37,430	139	30	65
WB2NFB	70,560	252	23	75	W3BJRU	28,476	91	35	78	N4FGF	28,405			

W4ZTW	98,340	330	32	78	KJ6Z	62,518	230	58	73	W8IMZ	150,150	282	68	142	WA9ETR	17,340	106	25	43	VE1TG	21	170,040	565	29	91			
W4JD	36,034	156	24	62	AC6V	58,050	159	46	89	K8TMM	119,493	229	57	130	W9L	8,832	96	6	26	VE1CAN		49,248	248	21	60			
N4TZ	15,498	90	18	45	NEEZN	52,550	244	38	52	KC8JH	112,723	249	54	115	W9AMRU	6,042	50	11	27	VE2AY	A	762,560	941	89	231			
AC4X	14	11,946	62	23	43	W6DNN	50,794	166	40	69	N8RHQ	101,840	244	54	104	W9ZRX	21	549,696	1170	39	129	VE2DUN		135,000	586	36	72	
W4UUY	7.0	4,752	46	17	27	W6DGC	46,250	137	50	75	W8JPH	99,330	234	46	108	(Opr. N9NC)					VE2VU		22,018	90	35	66		
WA4SV0	A	23,779	141	21	58	W60G	38,307	140	44	69	W8CBR	80,631	187	50	103	K9DX		514,098	1063	38	131	VE2DY	28	110,052	363	24	84	
W4NL	20,448	123	19	52	W6AQ	35,984	112	45	68	W8BBSX	74,196	173	53	109	K9BGL	181,016	434	36	100	VE2EVO		52,207	241	23	60			
N4IN	1.8	1,173	26	8	15	K6ASL	35,520	111	44	76	K8CMM	67,340	176	45	95	W9NGA	177,826	456	36	101	VE2WA	14	51,300	203	29	71		
W4PZV		738	3	7	11	AF6S	32,248	89	55	84	N8AHH	58,828	147	58	96	K9QVB	130,944	369	32	96	VE3GTO	A	2,108,922	1865	112	320		
KA4S		558	15	8	10	NETR	27,456	120	44	60	W8SQ	27,456	120	44	60	KE9U	120,048	324	33	90	VE3UOT		934,908	1096	95	242		
K8CFU/4		345	26	7	8	NC6Q	16,925	70	35	56	K8BWB	45,696	138	50	86	N9ER	90,828	278	29	87	(Opr. VE1BCZ)							
K5OX	A	837,668	799	105	257	K6ASL	15,744	68	25	57	K8BRT	45,105	110	52	103	K19U	36,378	139	25	69	VE3ABR		272,731	396	82	181		
N5JB		661,440	748	96	224	AA6EE	14,824	88	32	37	N8CLR	42,848	152	34	69	W9MYG	29,475	106	22	53	VE3GP		201,749	365	71	158		
N5DD0		569,160	775	87	183	W60VO	9,272	58	29	32	W8DXT	37,632	139	37	75	W89CX	6,811	51	16	33	VE3MV		163,542	333	59	135		
K5LP		547,305	618	97	224	KAGUJU	9,000	67	32	28	AD80	36,442	100	51	86	WA9ZPR	14	233,532	517	35	121	VE3CKR		95,760	564	25	58	
K5SA		520,995	926	77	158	KD6AZ	4,330	39	18	25	N8AKF	35,640	125	36	74	W9HIC	148,190	360	35	110	VE3GCE		87,824	186	62	114		
N5BA		486,990	570	96	219	W6SX	3,192	32	21	21	K8KUH	35,616	124	33	73	K9GRJL	83,205	229	34	95	VE3EZU		63,048	186	43	99		
K5JW		446,213	686	74	165	W6KBD	1,250	21	12	13	N8TUN	35,096	120	34	73	W9JUV	78,324	230	32	90	VE3NBW		54,400	160	47	89		
K5WV		379,764	516	86	188	KM6K	28	254,520	691	31	95	N8BT7	27,552	126	26	58	K9SD	71,250	265	32	82	VE3NBY		37,030	128	40	75	
W5D		331,932	438	92	186	W6EUF	214,104	577	33	99	W8GV	214,104	577	33	99	W9NUD	66,788	204	29	89	VE3LNV	28	571,608	1338	33	120		
K5QY		235,585	327	89	176	K6V1	160,544	580	29	87	W8BCEA	22,570	107	21	53	K9YNF	31,242	139	25	57	VE3MKJ		14,628	118	14	39		
K5SCP		230,640	355	75	163	KD6DY	137,494	470	26	72	W8BJZW	19,215	70	40	65	W9RKP	2,100	25	12	23	VE3BMV	21	1,130,206	2376	38	141		
W50SJ		223,560	362	82	161	W8BMT	120,288	440	27	69	KC8JE	15,660	66	36	54	K9KA	7	58,860	198	29	80	VE3EEV	14	314,145	1066	34	101	
N5UA		214,120	368	68	144	W8TMD	75,458	275	26	70	W8DHC	14,616	70	29	55	W9CH	50,295	180	29	76	VE3DYB		17,520	89	19	54		
W5LME		149,730	272	69	141	W8AKS/6	31,021	202	21	46	W8BUI	14,535	69	29	66	W89HX	29,744	129	23	65	VE3LJL		13,286	70	23	53		
W5BE		130,248	233	65	136	A16Z	30,494	138	22	57	W8BWM	11,304	57	28	44	W9NB	23,085	111	25	56	VE3IPR	3.8	30,544	344	15	31		
W5DFE		125,121	253	61	118	K8BDSW	18,868	127	20	33	K8HF	8,662	58	26	35	AG9S	22,356	108	24	57	VE3CPU		11,930	207	1	66		
K5J0V		119,184	237	63	128	K8UFT	16,775	99	14	43	W8BMDG	6,854	52	14	32	W89WN	264	9	5	7	VE3MFA	1.8	5,184	207	6	8		
N5KT		79,430	217	43	87	W6OJL	10,365	58	15	46	N8MK	6,498	43	24	33	K9WZB	3.8	6,840	70	13	32	VE3BVB		3,553	169	5	6	
AB5P		70,700	181	44	96	W6ATL	6,323	47	16	27	W8BVPQ	2,656	30	9	23	W89AHJ	6,292	75	14	30	VE4IV	A	128,954	487	38	84		
W5UR		54,621	164	39	80	KM6B	21	527,150	1422	36	94	K8EIO	2,600	27	16	24	K9AJ	4,488	44	15	29	VE4RP	28	112,409	386	39	82	
W5YR		51,788	155	39	82	W6XJ	337,688	880	37	99	(Opr. W8BOKK)	1,696	19	15	17	N8GA	A	635,256	667	104	242	VE4AX		12,852	106	17	34	
W5JC		45,816	125	54	84	N6UC	167,440	502	31	84	N8CNT	28	219,726	721	29	88	W8EWD	A	490,320	786	66	150	VE4RA	28	319,451	1268	30	83
K8SUW		39,663	135	41	76	N6UC	167,440	502	31	84	W8BCL	119,310	341	29	94	W8EWD		490,320	786	66	150	VE4YE	28	113,661	705	24	49	
W5YH		31,008	114	33	69	W8B5Y	148,155	444	33	86	W8DXB	80,738	198	32	114	K8RWL		441,870	487	100	230	VE6BE		12,300	129	19	22	
W5GVP		29,295	108	41	64	N6TO	124,960	407	30	80	W8WVO	80,615	246	26	89	AC8N	405,216	586	79	173	VE7WJ	A	3,303,990	3482	131	274		
W5JWM		26,631	103	39	67	W6AVNR	67,296	254	30	66	W8DIE	62,699	258	22	69	K8BV	301,530	397	86	199	(Opr. W6VEF)							
K5DEC		15,834	95	37	41	K8SMH	26,796	120	29	55	K8BPL	45,838	189	22	64	W8GML	273,182	399	76	171	VE7BSM		533,200	800	89	159		
W5EJL		14,608	75	34	49	W6YA	14	283,936	667	36	116	K8BCCA	32,204	145	22	61	W8ECN	258,990	351	88	179	VE7IQ		31,977	137	45	54	
W5ELN		5,304	42	22	30	(Opr. N6N1)					N8CXX	17,812	101	18	43	K8BPP	200,074	336	80	137	VE7BTB	28	422,484	1742	31	71		
W5AE		4,048	34	20	26	W6HXW	52,965	179	28	29	W8KUK	11,368	69	17	41	W8FF	167,085	264	75	160	VE7AWT		271,710	1210	29	61		
K5SH0		736	16	12	11	W6OK	44,700	159	29	71	W8BYCV	4,370	42	11	27	K8VBU	128,575	256	62	123	VE7E0A		69,714	540	24	30		
K5RC	28	623,729	1385	37	132	W8BMS	41,405	170	29	62	K8PSR	3,706	40	11	23	W8BWS	127,866	247	64	138	VE7IN	21	731,372	2058	37	97		
(Opr. K5GN)						W8BPD	12,648	69	24	44	N8DAX	1,400	23	11	14	W8BFSJ	115,634	245	67	112	VE7AVU		128,380	756	23	47		
W5XZ		498,170	1191	32	123	W6QDE	5,208	23	15	13	K8SS	21	218,933	543	34	109	K8BLY/0	101,569	204	57	112	VE7AZC	14	8,479	53	24	37	
K5KLA		404,400	929	35	117	K6BIA	1,305	19	11	18	K8BLH	150,156	416	37	97	W8PPF	94,200	223	47	110	COSTA RICA							
K5JL		322,200	744	33	117	K6QEH	7	93,930	322	31	70	N8AJF	126,360	341	33	97	W8OSK	93,297	247	49	88	T1210	A	12,282	65	29	40	
K8TD/5		277,836	772	32	105	(Opr. N6AW)					W3I/WG/B	116,501	353	30	89	W8ODC	93,264	204	56	118	TE1C	21	1,449,805	3670	37	124		
W5V6G		266,110	729	32	98	W6AKM	37,500	179	24	51	AC8C	73,600	268	26	74	KA8D	89,011	198	51	116	DOMINICAN REPUBLIC							
K5IID		235,884	631	30	102	AA6AA	21,216	77	33	71	K8EF	73,188	248	28	79	W8BMT	82,584	205	47	101	H18PGG	A	9,009,721	7190	131	392		
W5ASP		73,034	240	27	79	N6QR	21,140	116	22	48	W8BKKI	34,830	151	23	56	W8RU	80,070	198	54	103	(Opr. N1GL)							
K5RF		69,576	239	26	78	KE8E	1.8	480	38	8	K8CMQ	23,652	117	22	51	N9BD/0	65,026	192	38	84	H18BC	28	437,580	1955	26	72		
K8SKS		47,120	182	24	71	N7DF	A	1,920,192	1631	133	305	K8RWL	8,800	55	20	35	W8FV/0	60,741	141	61	92	H18C	21	253,000	1100	30	85	
N5CEM		20,274	122	20	42	K7CEH	717,457	1054	83	158	W8BTRW	14	61,950	188	29	89	W8BZL/0	47,656	124	53	95	FRENCH ST. MARTIN						
AK5E		14,381	73	23	50	K7CZ	520,591	680	92	179	W8BZV	7	50,796	209	29	73	KM8P	46,112	136	44	87	FG7AR/	A	584,915	2027	42	89	
K5GA	21	334,734	858	37	104	K7ZA																						

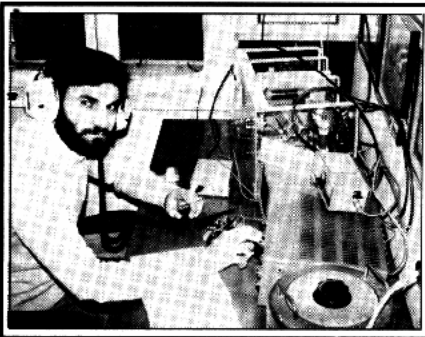
CANARY ISLANDS				ASIATIC U.S.S.R.				CZECHOSLOVAKIA				FAEROS ISLANDS			
EA8AK	A	9,974,811	5506 152 457	J13DLX	1,701	23	11 16	DK2BLG	A	1,297,440	1366 120 360	OY1A	A	24,320	247 19 61
EA8TY	28	57,424	261 18 56	J14JIT	819	15	10 11	DK2PBM	589,024	1864 83 233	FINLAND				
CAPE VERDE				ARMENIA				FINLAND				OH2PM			
D4C8C	A	2,326,454	2301 96 242	J11AGU	735,165	1648 35 118	UG6GAT	A	441	21 3 4	OH2BPE	A	865,928	1177 96 233	
CUETA AND MELILLA				ASIA TIC RUSSIA				OH2BPN				OH2BPN			
EA9GD	28	8,715	83 7 28	J11RNB	312,144	983 31 81	UG6GAF	28	381,203	870 34 99	OH2BPN	187,658	465 62 140		
DJIBOUTI				AZERBAIJAN				OH2BPN				OH2BPN			
J28DM	A	302,750	582 50 125	J11NRR	224,808	686 34 82	UG6LQ	14	303,372	1397 26 77	OH2BPN	87,954	337 100		
LIBERIA				GEORGIA				OH2BPN				OH2BPN			
EL2AV	21	1,404,936	3087 35 117	J17UMT	206,430	684 29 76	OH2BPN				OH2BPN				
MADEIRA ISLANDS				KAZAKH				OH2BPN				OH2BPN			
CT3AF	28	2,912	38 8 20	J11NUB	193,860	610 30 78	OH2BPN				OH2BPN				
CT38M	21	349,830	1029 29 86	J12YKR	188,570	605 30 79	OH2BPN				OH2BPN				
CT38D	7	142,978	499 20 77	J11ARC	152,286	521 30 72	OH2BPN				OH2BPN				
MOROCCO				KIRGHIZ				OH2BPN				OH2BPN			
CN8CD	A	1,776,054	2022 74 220	J11ARC	150,500	524 31 69	OH2BPN				OH2BPN				
NAMIBIA				KIRGHIZ				OH2BPN				OH2BPN			
ZS3HL	A	1,768,704	2116 80 202	J11ARC	99,388	408 26 58	OH2BPN				OH2BPN				
SENEGAL				KIRGHIZ				OH2BPN				OH2BPN			
6W8JU	A	101,336	339 29 77	J11ARC	81,360	356 25 55	OH2BPN				OH2BPN				
SOUTH AFRICA				KIRGHIZ				OH2BPN				OH2BPN			
S83W	A	800,792	1092 83 165	J11ARC	78,715	302 25 66	OH2BPN				OH2BPN				
ZS6YO	21	354,093	515 56 103	J11ARC	69,040	333 24 53	OH2BPN				OH2BPN				
ZS4SP	14	90,440	237 43 90	J11ARC	59,013	246 26 57	OH2BPN				OH2BPN				
ZS6A00	14	552,704	1371 34 102	J11ARC	58,764	318 29 54	OH2BPN				OH2BPN				
SWAZILAND				KIRGHIZ				OH2BPN				OH2BPN			
3D6BA	A	117,478	268 55 96	J11ARC	55,554	217 29 65	OH2BPN				OH2BPN				
ZAIRE				KIRGHIZ				OH2BPN				OH2BPN			
9Q5FL	28	15,624	217 10 14	J11ARC	52,800	229 21 59	OH2BPN				OH2BPN				
ZIMBABWE				KIRGHIZ				OH2BPN				OH2BPN			
ZE3JO	A	49,496	184 29 63	J11ARC	45,084	207 24 54	OH2BPN				OH2BPN				
ASIA				KIRGHIZ				OH2BPN				OH2BPN			
BAHRAIN				KIRGHIZ				OH2BPN				OH2BPN			
A9XDD	A	254,166	444 53 150	J11ARC	40,725	192 24 51	OH2BPN				OH2BPN				
ISRAEL				KIRGHIZ				OH2BPN				OH2BPN			
4X8U	A	3,497,208	2774 116 313	J11ARC	34,444	153 25 54	OH2BPN				OH2BPN				
4X6FY	28	42,768	182 21 60	J11ARC	29,098	173 19 39	OH2BPN				OH2BPN				
4Z4AB	28	887,404	1910 38 126	J11ARC	25,389	139 24 39	OH2BPN				OH2BPN				
4X6DK	21	31,293	189 15 46	J11ARC	25,368	155 20 36	OH2BPN				OH2BPN				
4X6EJ	21	602,184	1556 32 100	J11ARC	22,794	142 22 36	OH2BPN				OH2BPN				
4X6SD	14	677,100	1588 35 113	J11ARC	20,970	159 18 27	OH2BPN				OH2BPN				
4X6BYB	14	571,119	1571 35 92	J11ARC	17,014	134 19 28	OH2BPN				OH2BPN				
4Z4DX	7	241,368	721 26 87	J11ARC	13,468	122 15 22	OH2BPN				OH2BPN				
4Z4XJ	3.8	2,730	50 4 17	J11ARC	10,030	63 18 41	OH2BPN				OH2BPN				
4X4NK	1.8	3,942	55 6 21	J11ARC	6,579	56 17 26	OH2BPN				OH2BPN				
JAPAN				KIRGHIZ				OH2BPN				OH2BPN			
JA1E1Y	A	2,090,680	1672 139 293	J11ARC	4,725	38 15 30	OH2BPN				OH2BPN				
JR1A1B	1,191,456	1064 127 267	J11ARC	4,544	55 13 19	OH2BPN				OH2BPN					
JR1A1C	1,723,752	1670 123 233	J11ARC	1,549	41 5 8	OH2BPN				OH2BPN					
JF1SEK	525,525	776 82 149	J11ARC	1,525	21 10 15	OH2BPN				OH2BPN					
JA6CNL	501,270	611 101 193	J11ARC	1,121	21 9 10	OH2BPN				OH2BPN					
JA6ESR	217,125	402 78 115	J11ARC	860	19 9 11	OH2BPN				OH2BPN					
JE3DYW	175,062	338 67 112	J11ARC	584,789	1343 39 112	OH2BPN				OH2BPN					
JA1ALX	147,900	353 47 98	J11ARC	476,721	1098 39 108	OH2BPN				OH2BPN					
JA6QZ	146,720	325 50 110	J11ARC	302,016	853 36 85	OH2BPN				OH2BPN					
JF1MQ	142,044	433 41 73	J11ARC	297,838	746 37 100	OH2BPN				OH2BPN					
JF3CCN	132,759	307 52 97	J11ARC	266,600	742 35 89	OH2BPN				OH2BPN					
JA6CN	114,954	250 52 109	J11ARC	222,860	703 35 75	OH2BPN				OH2BPN					
JA7JND	109,356	241 45 111	J11ARC	220,750	643 35 90	OH2BPN				OH2BPN					
JA6WWW	107,663	251 60 91	J11ARC	131,760	421 31 77	OH2BPN				OH2BPN					
JR1PQW	96,142	310 43 63	J11ARC	106,636	337 32 74	OH2BPN				OH2BPN					
JA7KCD/1	92,345	277 47 88	J11ARC	101,970	345 32 71	OH2BPN				OH2BPN					
JA2QJ	78,338	210 47 64	J11ARC	66,187	152 33 88	OH2BPN				OH2BPN					
JR3XEX	77,851	215 47 80	J11ARC	45,448	212 27 49	OH2BPN				OH2BPN					
JA6ODU	65,392	197 47 75	J11ARC	45,192	192 28 56	OH2BPN				OH2BPN					
JA7BAL	55,328	150 50 83	J11ARC	45,192	192 28 56	OH2BPN				OH2BPN					
JA7KM	54,970	172 41 74	J11ARC	37,125	170 26 49	OH2BPN				OH2BPN					
JA7CUK	53,805	251 27 58	J11ARC	36,725	202 24 41	OH2BPN				OH2BPN					
JA6AKV	52,569	185 38 61	J11ARC	27,600	147 25 44	OH2BPN				OH2BPN					
JA6PL	36,972	166 20 59	J11ARC	20,176	130 22 30	OH2BPN				OH2BPN					
JA11Z	36,260	130 35 63	J11ARC	15,438	89 21 41	OH2BPN				OH2BPN					
JL1DBI	28,350	141 25 45	J11ARC	15,087	110 19 28	OH2BPN				OH2BPN					
JH4QJT	27,720	104 34 65	J11ARC	14,016	105 18 30	OH2BPN				OH2BPN					
JA1A0D	27,413	123 33 46	J11ARC	10,188	96 13 23	OH2BPN				OH2BPN					
JH6TYD	26,477	113 34 49	J11ARC	9,354	50 16 29	OH2BPN				OH2BPN					
JA3COA	9,027	56 22 29	J11ARC	6,762	56 17 29	OH2BPN				OH2BPN					
JJ1SOE	5,700	64 14 16	J11ARC	5,934	50 16 29	OH2BPN				OH2BPN					
JA1BNW	1,896	29 9 15	J11ARC	3,822	53 8 18	OH2BPN				OH2BPN					
			J11ARC	3,720	48 15 16	OH2BPN				OH2BPN					
			J11ARC	2,106	27 13 13	OH2BPN				OH2BPN					
			J11ARC	940	18 11 9	OH2BPN				OH2BPN					
			J11ARC	920	18 8 12	OH2BPN				OH2BPN					
			J11ARC	24	3 3 3	OH2BPN				OH2BPN					
			J11ARC	373,996	967 35 98	OH2BPN				OH2BPN					
			J11ARC	189,074	505 39 95	OH2BPN				OH2BPN					
			J11ARC	143,766	406 33 93	OH2BPN				OH2BPN					
			J11ARC	111,936	307 36 96	OH2BPN				OH2BPN					
			J11ARC	75,012	243 33 81	OH2BPN				OH2BPN					
			J11ARC	41,076	185 25 59	OH2BPN				OH2BPN					
			J11ARC	3,959	42 15 22	OH2BPN				OH2BPN					
			J11ARC	2,077	25 11 20	OH2BPN				OH2BPN					
			J11ARC	1,620	20 12 15	OH2BPN				OH2BPN					
			J11ARC	1,344	22 9 15	OH2BPN				OH2BPN					
			J11ARC	1,326	19 13 13	OH2BPN				OH2BPN					
			J11ARC	600	16 13 7	OH2BPN				OH2BPN					
			J11ARC	406	13 8 6	OH2BPN				OH2BPN					
			J11ARC	147,114	533 32 67	OH2BPN				OH2BPN					
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			J11ARC	453,123	858 73 134	OH2BPN				OH2BPN					
			J11ARC	228,351	851 29 74	OH2BPN				OH2BPN					
			J11ARC	112,575	466 25 70	OH2BPN				OH2BPN					
			J11ARC	118,496	799 29 63	OH2BPN				OH2BPN					
			J11ARC	1,808	101 7 9	OH2BPN				OH2BPN					
			J11ARC	159,123	759 27 66	OH2BPN				OH2BPN					
			J11ARC	337,584	1405 64 92	OH2BPN				OH2BPN					
			J11ARC	19,456	154 31 45	OH2BPN				OH2BPN					
			J11ARC	453,123	858 73 134	OH2BPN				OH2BPN					
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			J11ARC	112,575	466 25 70	OH2BPN				OH2BPN					
			J11ARC	118,496	799 29 63	OH2BPN				OH2BPN					
			J11ARC	1,808	101 7 9	OH2BPN				OH2BPN					
			J11ARC	159,123	759 27 66	OH2BPN				OH2BPN					
			J11ARC	337,584	1405 64 92	OH2BPN				OH2BPN					
			J11ARC	19,456	154 31 45	OH2BPN				OH2BPN					
			J11ARC	453,123	858 73 134	OH2BPN				OH2BPN					
			J11ARC	228,351	851 29 74	OH2BPN				OH2BPN					
			J11ARC	112,575	466 25 70	OH2BPN				OH2BPN					
			J11ARC	118,496	799 29 63	OH2BPN				OH2BPN					
			J11ARC	1,808	101 7 9	OH2BPN				OH2BPN					
			J11ARC	159,123	759 27 66	OH2BPN				OH2BPN					
			J11ARC	337,584	1405 64 92	OH2BPN				OH2BPN					
			J11ARC	19,456	154 31 45	OH2BPN				OH2BPN					
			J11ARC	453,123	858 73 134	OH2BPN				OH2BPN					
			J11ARC	228,351	851 29 74	OH2BPN				OH2BPN					
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			J11ARC	118,496	799 29 63	OH2BPN				OH2BPN					
			J11ARC	1,808	101 7 9	OH2BPN				OH2BPN					
			J11ARC												

Y22WF .. 125,136 296 62 136 Y41ZH .. 121,095 331 54 141 Y47KF .. 120,351 257 64 167 Y47VN .. 102,784 368 45 101 Y31ZE .. 97,900 269 53 125 Y44XF .. 93,186 416 37 130 Y31SC .. 90,285 331 48 147 Y33TA .. 71,685 205 49 128 Y46XF .. 71,485 198 42 103 Y32ZF .. 59,486 256 31 67 Y230G .. 57,900 222 39 61 Y48YA .. 48,384 287 31 81 Y36UE .. 47,545 245 44 145 Y31SK .. 33,280 166 35 93 Y32SA .. 30,015 140 31 56 Y45SA .. 24,480 100 37 59 Y35XA .. 23,832 144 29 40 Y22HF .. 16,815 143 25 73 Y34YF .. 16,218 103 35 67 Y31XF .. 7,936 128 20 42 Y51WH .. 7,605 79 14 31 Y35ZB .. 3,996 39 18 36 Y23EE .. 3,808 40 12 22 Y21HB .. 2,806 43 12 11 Y44WA .. 2,806 50 16 30 Y35YA .. 741 13 7 12 Y54ZI .. 28 159,644 631 30 77 Y22TO .. 69,006 394 20 42 Y51VF .. 61,572 304 24 60 Y37ZE .. 31,488 160 23 59 Y32UG .. 24,174 136 23 56 Y51XO .. 19,649 153 17 32 Y56YF .. 16,897 112 19 42 Y35WL .. 15,120 206 11 19 Y34XF .. 5,852 91 10 12 Y22YF/A .. 4,018 38 14 27 Y22KG .. 3,024 55 10 14 Y21CF/A .. 864 13 11 13 Y32UC .. 21 211,560 734 31 98 Y78XL .. 148,571 684 26 75 Y24SG .. 46,366 198 29 68 Y55UG .. 14 57,760 458 22 73 Y43YF .. 29,600 250 18 62 Y22PF .. 14,195 80 24 61 Y24DF .. 8,760 112 14 46 Y23VB .. 3,225 37 15 28 Y52XF .. 3,007 106 4 27 Y26HO .. 2,738 34 14 23	MALTA 9H1EL 28 1,355,760 3662 36 132	NETHERLANDS PA2TMS A 2,272,424 2351 94 298 PABGAM .. 947,940 1190 88 217 PABPO .. 744,120 1104 77 235 PABINE .. 204,618 557 57 144 PABKHS .. 173,889 533 39 100 PASADJ .. 120,560 254 64 154 PASADG .. 60,900 225 44 141 PASAIR .. 48,906 205 38 61 PABLIR .. 47,946 297 30 92 PABCOR .. 28,850 145 20 75 PASAXN .. 17,250 123 27 48 PABKDM .. 16,500 112 26 40 PA2ATX .. 5,796 60 24 45 P3AIAK 28 74,336 323 25 67 P1P1T .. 9,699 75 19 42 PABFWF .. 4,477 47 12 25 PABIJM 3.8 29,214 501 7 47	ROMANIA Y06KEA A 317,490 1087 32 82 (Opr. Y06AWR) Y02BEH .. 161,557 509 52 156 Y02ARV .. 94,185 327 43 118 Y07ARY .. 15,735 310 40 125 Y07ARZ .. 55,485 203 38 97 Y07APA .. 33,813 164 35 82 Y02CEO .. 33,562 223 28 69 Y03RFF .. 32,964 104 45 78 Y0600 .. 27,434 196 24 62 Y09C8Z .. 16,100 216 14 56 Y08BDA .. 14,850 177 17 58 Y06AHP .. 6,144 78 16 32 Y020Y .. 5,723 45 21 38 Y030K .. 1,296 8 10 17 Y02VA .. 22,560 176 19 42 Y04BXX .. 5,643 92 8 25 Y03JUI .. 1,518 26 9 24 Y03JUI .. 6 1 1 1 Y09HH 21 12,915 123 20 43 Y09HT 14 17,367 431 27 84 Y08FR .. 73,830 454 29 86 Y05BKZ .. 49,664 403 25 74 Y02PF .. 7,056 122 13 35 Y06AVB .. 3,564 47 13 23 Y06BTY 3.8 684 40 4 14 Y07BXC .. 405 24 5 12	RUSSIA SM6HCJ .. 11,596 106 15 37 SM7HSP .. 8,874 79 20 31 SM2CEV 14 338,136 1100 36 110 SM4CQY .. 54,384 240 30 73 SM8AJU 7 131,000 680 28 86 SM0ARR/5 .. 374 28 4 13 SM6ECC 3.8 19,152 323 8 49 SM6BXC .. 5,203 118 7 36	SWITZERLAND HB9AAA A 646,881 1120 62 151 HB9ASJ 28 52,975 305 20 45 HB9IK .. 21,280 95 26 69 HB9DX 21 27,216 99 30 96	WALES GW4BLE 28 947,223 2220 36 117	YUGOSLAVIA YU2CZA A 709,200 997 92 258 YU20M .. 185,673 449 56 121 YU70CZ .. 137,700 473 53 127 YU1NZW .. 125,085 355 47 108 YU1RNY .. 112,648 263 49 119 YU7NZR .. 37,476 133 41 67 YU7JTF .. 29,820 140 36 69 YU4VEF .. 23,129 146 27 74 Y26G 28 971,380 2411 36 134 YU4BD .. 934,040 2256 35 117 YU20U .. 231,715 729 33 88 4N7MS .. 50,996 348 20 41 YU5XAF .. 15,688 151 15 38 YU70RO .. 777 13 10 11 YU3TU 21 1,312,793 2644 40 141 (Opr. YU3ZV) YU70CV .. 935,040 2212 39 121 YU4EGZ .. 259,644 925 31 101 YU2FB .. 46,410 217 28 77 YU7DWW .. 5,968 68 13 24 YU1KQ 14 435,670 1237 33 106 YU7ECD .. 305,540 981 35 114 YU10VZ .. 26,400 136 25 71 YU3T0J .. 11,628 154 13 38 YU3AJ 7 13,356 155 13 50 YU4JOP .. 4,173 91 9 30 YU4VBR 3.8 79,524 562 21 73 YU3APR .. 79,390 934 15 70 (Opr. YU3DM) YZ4Z .. 23,184 344 12 51 YU3EF 1.8 7,611 170 9 43	LATVIA UQ28DQ A 2,833,152 2676 118 358 RQ2GG .. 29,925 186 22 53 UQ2MF .. 22,680 104 34 71 UQ28CN 28 63,300 341 25 75 UQ26CP .. 37,018 190 23 60 RQ2GAI .. 25,110 198 29 83	LITHUANIA UP28AO A 827,266 1243 85 256 UP2BAS .. 514,404 1222 69 228 UP2BAR .. 454,261 738 83 234 UP2NA .. 312,300 608 62 163 UP28FB .. 229,596 727 60 168 UP28BF .. 213,962 764 53 164 UP2PEW .. 211,926 546 63 189 UP200 .. 139,518 440 51 156 UP20Q .. 90,646 348 28 94 UP2PW .. 27,380 255 23 57 UP28BD .. 9,594 118 9 30 UP28DX .. 3,975 49 17 36 UP2DM 28 244,760 797 32 84 UP2BEX .. 104,104 425 28 76 UP2BIS .. 24,076 202 15 37 RP2BFG .. 8,440 97 14 26 RP2BDI .. 7,134 107 12 17 UP28DO .. 4,284 57 13 21 UP2PAB 21 30,378 208 22 61 UP2PAE 14 68,377 480 28 73 UP2PAE .. 35,354 287 20 64 UP2PCX .. 9,605 103 12 40 UP2PKY 7 206,584 1025 31 93 UP2PAY 3.8 15,849 415 7 34 UP2BAW 1.8 20,091 525 7 30	MOLDAVIA U050AK 14 9,487 91 15 38 U05GR 3.8 6,804 125 9 33	UKRAINE UY500 A 2,539,569 2451 114 297 UT5HP .. 590,450 913 85 285 U85MDI .. 390,730 876 57 148 U85MFY .. 319,381 772 68 209 U85CE .. 275,644 556 76 218 U85UKO .. 245,495 423 82 212 UY5TE .. 148,680 598 49 81 U85MFR .. 49,532 239 27 69 U85GBN .. 41,107 245 27 74 U85VAZ 28 482,594 1569 32 97 R85I2H .. 390,728 1178 34 102 U85PBA .. 151,800 494 31 101 R85CCO .. 113,314 501 26 80 U85MBP .. 111,825 500 26 79 U85KAN .. 110,238 423 30 84 U85UGD .. 96,208 359 27 85 U85DAG .. 82,110 320 30 89 R85UDG .. 67,320 331 26 73 R85MHY .. 63,525 335 25 80 R85FL .. 31,482 299 20 33 U85MLP .. 8,820 71 16 47 U85UKU .. 8,601 91 13 34 U85DFD 21 612,304 1703 39 115 U85UAL .. 474,932 1410 37 111 UY5XE .. 51,214 392 33 85 U85WCW .. 92,266 304 25 68 U85ICS .. 34,650 227 25 65 U85DBG .. 27,864 200 23 63 U85UCJ 14 263,082 767 37 126 U85LAN .. 227,182 835 36 102 U85JQ .. 16,027 222 14 17 U85IFN 7 78,320 559 22 67 U85MBN .. 5,187 110 8 31 U85EKG 3.8 12,804 241 7 37	EUROPEAN U.S.S.R. BYELO-RUSSIA UC2AFA 21 109,667 580 30 81 UC2ACF 3.8 40,188 339 8 51 UC2ACA 1.8 1,342 59 5 17	ESTONIA UR2RER A 54,516 136 57 120 UR2RHF .. 36,920 110 49 93 UR20I .. 1,664 26 12 20 UR2RAM 28 116,736 471 29 85 UR2RKB .. 102,740 450 26 84 UR2TGB .. 64,390 324 25 69 UR2RGG .. 11,590 97 15 46 UR2RFL .. 384 10 7 9 UR2FQ 14 553,711 1566 38 125 UR2QD 7 115,080 882 24 81 UR2FU .. 19,710 208 17 53	EUROPEAN RUSSIA UA30DW A 518,112 1143 69 183 UV3DN .. 408,618 892 75 207 UA3TN .. 263,480 523 70 210 UW6LC .. 136,413 417 58 149 UA4NAA .. 98,088 322 48 153 UA1TBP .. 6,665 69 28 49 UA4WAF 28 142,952 615 26 79 UA4HCN .. 115,329 1039 26 74 RA30KE .. 108,885 500 29 90 UA3DRB .. 75,195 257 30 105 UA3TFY .. 25,506 219 19 59 UA4WBX .. 9,744 155 15 41 UA4ADA .. 2,871 56 12 21 UA3TEP .. 2,110 99 3 7 UW6MA .. 1,027 27 5 8 UA10Z 21 581,385 1676 37 110 UA6APP .. 290,284 1175 33 91 UW3HY .. 132,209 532 29 72 UA3BSW .. 91,530 438 30 83 UA6LHB .. 80,504 365 29 87 UA1MU 14 45,816 280 23 69 UA1AET .. 36,635 296 25 69 UA4UBC 3.8 19,720 243 11 47 UA6AAM .. 16,218 236 9 44	FRANZ JOZEF LAND UK1PGO A 175,228 610 45 97 UA1PAM 28 288 8 3 4	HAWAII KH6XX A 5,713,434 4912 131 262 AH6J .. 364,452 1022 56 85 WA1UZH/ KH6 .. 173,731 871 33 34 KH6J .. 2,052 36 9 10 KH6DX 28 134,820 552 26 58 KH6KV .. 64,218 512 18 24 KH6MD 21 475,760 1689 32 63 KH6NO 14 421,322 1209 34 87	SCOTLAND GM3RAD A 516,479 972 55 174 GM3BCL .. 436,817 907 48 143 GM4CHX 28 33,701 203 20 47	SHETLAND ISLANDS GM4GPN A 495,264 1080 72 192	SICILY IT92MJ A 18,648 114 27 57 IT92GY 28 716,128 2148 34 105	SPAIN EA3JE A 2,133,189 2290 109 360 EF7TV .. 1,628,998 2310 78 244 ED20Q .. 1,259,766 1483 98 271 EA1AGN .. 439,008 871 64 140 EA3NA .. 251,636 445 77 224 EA3AIN .. 160,125 535 48 127 EA7BVI .. 45,762 227 29 58 EA2CR .. 27,864 183 28 80 EA5ANR .. 20,405 182 22 55 EA5TX .. 5,185 56 23 38 EA5BVR 28 51,350 359 24 85 EA3AB .. 39,675 305 22 53 EA3CBA .. 14,238 130 16 47 EA2ZE .. 8,575 120 13 36 EA5CDE .. 2,408 38 10 18 EA7LM 21 103,064 471 26 78 EA7BE .. 29,754 194 23 64 EA1PJ 14 443,688 1603 33 100 EA1UJ .. 54,208 322 16 61 EA3FE .. 4,662 82 9 28 EA7BDL 7 94,484 455 22 70	SWEDEN SM5GNG A 2,610,972 2115 115 353 SM3BIZ .. 903,870 1117 91 272 SM6BGG .. 365,400 790 35 125 SM5ARG .. 99,792 306 44 124 SM6JOG .. 87,584 294 56 128 SM5CMT .. 66,066 247 40 81 SM3DXC .. 63,543 164 35 124 SM5AAH .. 57,348 184 52 125 SM5AAY .. 28,260 136 34 56 SM6CHA .. 13,416 189 10 14 SM6JY .. 8,015 92 19 40 SM5ALJ .. 1,470 35 12 18 SM6LGG 28 304,920 1063 33 77 SM5EOW .. 118,800 435 26 84 SM6KQK .. 106,248 403 29 85 SM6DRB .. 91,485 405 29 78 SM2JUR .. 67,400 353 26 74 SM6JNS .. 53,946 280 26 55 SM6BDA .. 51,875 260 22 61 SM5AQJ .. 32,238 155 24 57 SM6LFF .. 32,024 197 19 45 SM2JAA .. 30,476 190 22 54 SM6LJF .. 20,740 111 24 61 SM6LRR .. 18,821 156 16 45 SM3DXX .. 15,680 108 19 45 SM5FYM .. 13,260 78 20 47 SM6FM .. 8,177 85 14 23 SM4BTF .. 7,992 88 13 24 SM6F0F 21 244,647 796 33 90 (Opr. SM2KUZ) SL2ZZU .. 90,013 534 28 49 SM7TV .. 18,042 159 19 43
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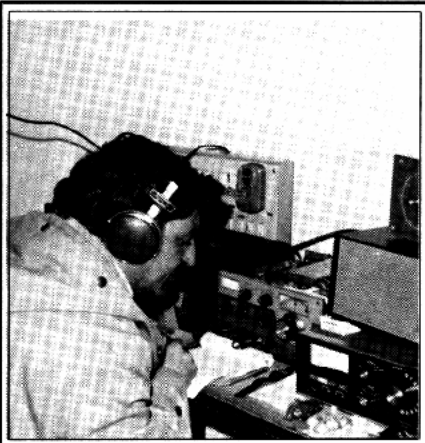
INDONESIA			
Y8AEG	A	720,252	1035 91 156
Y8ZCR	B	298,469	1026 30 67
Y80GF	21	34,544	177 25 43
MARSHALL ISLANDS			
KX6PI	14	720,652	1838 35 99
NEW ZEALAND			
ZL3AAX	A	266,604	584 62 94
ZL3ABC	"	56,373	281 25 44
ZL480	28	387,002	1333 30 68
ZL18PK	"	172,124	786 23 51
ZL18IL	7	443,646	1245 33 90
ZL1AZV	"	332,508	959 33 88
PHILIPPINES			
DU1CPL	28	315,920	1341 27 53
KP4KK/			
DU2	21	1,413,042	3675 38 104
DU1EFZ	"	197,088	700 33 63
SOUTH AMERICA			
ARGENTINA			
LU1BR	A	3,134,040	3386 98 214
LU2DSL	"	1,725,440	2332 61 139
LU8FEU	28	1,021,750	2711 32 93
LU5FGG	"	775,067	2296 31 64
LU1VK	"	220,023	856 23 82
LU7DGM	"	92,204	370 27 62
LU1ABT	"	11,050	130 15 19
BOLIVIA			
WSKNA/			
CP5	A	213,330	382 66 129
CP5MP	28	4,959	87 7 12
BRAZIL			
PP2ZDD	A	1,424,110	1825 75 190
PY1NEZ	"	611,200	1033 61 139
ZY5CIG	"	571,200	1126 56 119
PY3CB	"	549,360	1027 60 120
PY2BZD	"	514,418	829 66 145
PS7KM	"	133,764	294 43 114
PT7WP	"	25,330	106 31 54
PP5JB	"	15,745	80 22 42
PY4KB	"	14,924	65 31 51
ZY3HMC	"	7,564	42 23 38
PY2RHL	"	2,065	30 15 20
ZY5EG	28	1,760,130	3760 37 125
PY1ZFO	"	231,610	743 26 80
PY2JUC	"	151,932	750 21 45
PY7ZZ	"	111,983	340 30 83
PY1DFF	"	69,630	364 18 48
PY2FT	"	14,994	102 20 31
PT7RNP	21	312,761	957 28 79
PT7VOP	"	140,400	861 21 51
PY1VT	"	66,531	337 20 47
PY2ESK	"	56,580	272 23 46
PY3BC	"	40,870	208 22 45
PY1ACY	"	7,656	64 20 24
PY2AJK	7	52,632	259 20 52
ZY5XFR	3.8	3,438	48 14 20
PY2TTV	"	1,127	26 10 13
CHILE			
CE5CN	A	383,669	617 47 96
CE4DPV	21	458,780	1400 29 84
CE7BJJ	14	37,791	324 14 25
EASTER ISLAND			
CE8AE	28	505,605	1537 30 81
ECUADOR			
HC1HC	7	183,120	767 23 61
PERU			
DA4AWD	A	2,989,840	2688 111 269
DA8CW	3.8	10,206	135 11 16
TRINIDAD			
BY4VT	A	11,085,529	6680 140 419
			(Opr. N6AA)
URUGUAY			
KABISE/			
CX	A	210,552	768 22 71
CX3BBH	21	1,107,312	2704 35 103
CX5BT	14	156,938	416 34 97
VENEZUELA			
4M2AMM	A	5,770,310	4402 115 327
YV30S	28	42,130	260 21 34
YV3BJL	21	1,231,630	3100 35 102
YV1DQU	14	862,735	2028 35 115
YV4CB	"	840,924	2040 32 110
YV2FY	"	573,870	1360 32 109
YV3BQS	7	287,850	1020 25 70
YV3AZC	3.8	160,740	730 20 56

QRP			
IS5MR	A	670,133	959 83 230
DA8V	"	545,400	838 76 149
WB2ULJ	"	505,997	560 93 218
K3ZR	"	434,720	541 80 206
DF4RD	"	407,313	684 67 204
ON6NL	"	344,268	707 57 162
OK3CGP	"	299,446	634 77 216
N2US	"	171,264	329 51 141
G3FTQ	"	163,344	582 37 129
JA1TS	"	148,144	296 69 119
UP2NV	"	146,076	314 69 153
JA1CBF	"	142,800	308 71 99
K7HBN	"	140,454	313 65 97
WA4FHO	"	130,720	252 54 136
N2GC	"	121,752	254 50 128
WA2JOC/B	"	90,117	201 52 119
W6YVK	"	89,473	250 53 78
WA3FNK	"	74,382	189 44 94
DK6AO	"	69,058	231 43 103
JA1KFX	"	48,789	154 48 89
KL7BT	"	47,346	252 29 42
JAGVZB	"	42,300	233 25 50
JH4MVQ	"	20,400	125 23 37
WB2BGA	"	19,380	104 27 49
SP2FA	"	17,716	90 26 60
UL7LBM	"	16,994	123 17 41
OE1SBA	"	9,928	68 26 42
Y24TG	"	9,585	119 13 58
Y07BKT	"	8,892	110 17 40
JA1HGY	"	4,230	57 13 17
Y26TG	"	195	9 6 9
IS1JHW	28	102,588	346 29 86
JA1EFC	"	100,386	363 28 71
W6CUN	"	63,875	256 24 63
SP6EY	"	41,535	252 24 41
K8BWA	"	38,315	178 24 55
UP2BIM	"	33,180	195 21 58
K87VD	"	33,110	211 17 38
I4BFY	"	29,484	177 23 40
WB8IDD	"	26,640	137 16 58
G3WFL	"	26,314	203 17 42
FB7XX	"	19,446	187 18 24
UP2BBX	"	14,728	146 17 39
UB5WAR	"	9,240	91 12 28
PA3ADK	"	5,175	103 8 23
UB5MNO	"	4,320	98 7 15
K8BX	"	2,912	38 6 20
UP2BHI	"	1,875	42 10 15
D2BKW	"	1,812	21 11 15
WB9URA	"	459	10 7 10
KH8CP/W3	"	185	8 5 6
SP1OT	21	31,950	215 20 55
KJ1DLH	"	16,950	117 22 28
K8ZNU	14	66,935	257 32 89
I1RBJ	"	23,700	209 17 58
JAZ3F	"	9,284	80 27 27
PA0NRD	"	4,656	80 9 39
OU2AA	"	4,644	49 9 37
OK1AJ	3.8	6,755	196 5 43
SP6FKW	"	6,096	117 5 30
OK1MNV	"	2,045	66 4 27
OK3IAG	1.8	450	27 4 14
MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA UNITED STATES			
N1TZ		2,987,088	1716 153 476
K1RO		2,353,783	1633 131 368
K1RQ		1,947,816	1447 118 350
AG1C		1,937,306	1368 127 370
K1SA		1,195,524	1086 97 249
KA1GG		1,031,125	1006 92 273
WB1HN		842,270	708 109 309
W1BK		671,606	724 94 244
K1FVW		564,408	574 99 252
N1BWM		394,980	507 78 212
N1AUV		303,831	399 81 198
WA1EIV		248,676	422 62 150
WA1ZAM		214,931	292 82 187
KB1O		13,462	89 11 42
WB2FZO		3,755,350	2233 141 451
N2RM		2,957,565	1985 125 398
KE2C		2,256,478	1631 129 370
K2VY		1,884,700	1691 105 296
WB2TCQ		1,058,400	942 107 293
K2BK		939,720	821 109 301
W1GD/2		933,232	879 97 279
K2ITG		849,816	766 115 292
KB2MG		830,148	912 90 241
W2VJN		780,450	759 99 264
K2QF		532,180	649 81 214
K2TD		524,805	620 79 216
W2UJ		485,450	532 86 235
K2HR		432,846	549 87 191
N2BNC		256,100	371 70 190
N2BNC		256,100	371 70 190
KD2T		177,928	349 60 174
K3LR		3,867,840	2137 148 484
KB3AG		2,366,740	1919 126 318
K2PLF/3		1,275,855	1083 115 304
K3TV		1,018,164	1001 105 267
WA3EKL		973,226	811 122 341
W3GU		881,842	951 88 250
W3NX		804,321	813 96 261
WB3DJF		649,296	705 97 235
W3GNG		613,868	657 97 212
W3HRD		577,133	709 97 222
WA3JVG		476,452	564 89 222
N3ARK		427,182	517 82 212
KB3HE		383,136	448 88 222
K3FN		364,504	414 95 227
KB3KE		229,390	401 56 147

WA3SFJ	208,008	325	63	180
KX4S	3,837,896	2248	144	449
N4ZC	3,749,108	2156	151	462
W4QAW	3,722,928	2021	153	488
N4RV	2,305,457	1511	134	419
N4KG	2,182,275	1467	136	413
WA4QOV	1,028,034	1000	99	270
N4BS	973,504	917	117	307
AA4FF	794,466	855	94	248
KD4RH	526,473	574	98	235
KC4BG	482,474	687	92	225
KB4YS	284,550	480	60	150
KC4TJ	129,350	240	68	131
WD4RCO	111,315	214	65	140
KD4ZI	71,133	202	37	94
K5TA	2,605,024	1883	139	369
WA5SOG	383,688	501	91	201
K9MK/5	135,388	277	60	121
W6RDF	3,154,782	2163	142	367
K6MYC	2,737,026	2038	134	343
NC6T	2,415,420	2045	129	297
K6XV	1,893,970	1477	131	311
N6MG	1,506,776	1261	129	308
W6GO	1,485,375	1274	126	299
KV6H	1,297,803	1527	102	219
KGANP	971,740	889	110	275
AA6T	833,310	1067	98	184
K6HH	825,392	894	109	207
W6YX	611,556	871	92	154
W6OKK	605,206	771	93	185
W6BPI	512,354	659	92	186
WB6GFJ	457,773	502	101	230
KB6ST	441,336	647	101	158
W6VLD	423,549	604	79	170
KD6KM	412,528	635	77	159
W6UE	385,910	550	84	175
AJ6V	313,052	467	85	159
N6WR	243,800	426	75	137
W6ERS	96,839	214	73	106
KD6XY	81,366	210	53	89
K6OP	49,795	165	49	66
N6QC	35,728	109	39	73
K6FO	28,392	108	45	59
W6ZYC	8,514	46	29	37
W7EJ	1,617,412	1349	129	299
K7SS	1,580,672	1387	131	293
WA7KLN	1,556,352	1634	122	262
N7RO	1,542,325	1230	133	292
K7WQD	1,116,794	1211	118	213
K7MX	911,880	955	110	230
K7BG	627,080	786	100	205



Vojo, YU7OCV (ex-YU1OCV), sent us this shot of his station.



One of the top Single Band 10 M entries for this year was Dom, I8UDB/IC8, shown here in the heat of battle.



Here's a welcome addition to the contest at just 15 years—4X6DX.

Attention DX Stations

Starting with the January 1983 issue, the subscription rates for CQ will increase to the following amounts (payable in U.S. funds):

U.S.A. (Domestic)	Canada/Mexico	Foreign
1 Year \$16.00	\$18.00	\$20.00
2 Years \$29.00	\$33.00	\$37.00
3 Years \$42.00	\$48.00	\$54.00

This is just an early notice to allow you time to make your subscription plans accordingly.

LIECHTENSTEIN

H80BHA 4,661,180 4290 117 343

NETHERLANDS

PA8RCA 164,352 515 56 136

EUROPEAN U.S.S.R.

BYELO-RUSSIA

UK2AAX 416,206 1246 51 166
UK2TAF 4,366 104 9 28

ESTONIA

UK2RDX 3,591,537 2727 146 433
UK2RAC 468,430 880 78 200
UK2RAQ 59,472 371 42 102

EUROPEAN RUSSIA

UK6LAZ 5,007,970 3825 142 441
UK6LEZ 3,610,800 2909 128 382
UK4FAV 3,133,490 2916 122 348
UK3XAA 2,433,858 2109 130 371
UK3WAF 570,050 1129 80 245
UK3ABO 390,494 936 86 183
UK1TBB 295,382 649 59 167
UK3ABC 222,306 587 56 145
UK6HCZ 115,560 395 44 9
UK3DBV 36,864 186 28 68
UK3TBF 21,384 131 27 54
UK3TBY 465 26 23 28

KARELIA-FINNISH

UK1NAP 23,875 126 10 28

LATVIA

UK2GKO 1,334,116 1701 136 270
UK2GAB 945,554 1240 101 233

LITHUANIA

UK2PCR 4,750,800 3227 140 452
UK2BBB 3,575,178 2872 125 397
UK2PAP 2,432,480 2273 121 358
UK2PRC 1,563,726 1841 117 357
UK2RA6 1,111,877 1430 103 300
UK2PA0 884,224 1222 88 264
UK2PAT 755,185 1047 91 274
UK2PBR 688,989 1027 83 218
UK2BCM 188,188 551 48 134
UK2BBX 142,614 516 42 129
UK2BCC 44,512 256 25 82

UKRAINE

RSI 6,742,879 4886 161 510
UK5MAF 5,066,982 3400 145 473
UK5MAZ 2,635,397 2319 129 394
UK5MCO 886,470 1214 102 288
UK5MCP 530,271 852 75 203
UK5OBE 443,610 895 52 153
UK5WBG 248,589 508 62 181
UK5MDI 150,117 487 51 152
UK5MBF 126,112 346 54 170
UK5WBF 83,984 564 32 61
UK5HAB 57,000 246 33 92
UK5UDX 44,642 162 39 62
UK5EAE 31,410 215 21 69
UK5LAS 6,825 193 12 17

OCEANIA

HAWAII

KH6N 3,516,480 3677 118 202

SOUTH AMERICA

ARGENTINA

LU1MA 5,004,850 4244 116 282
LU1EQ 176,358 1049 24 54

BRAZIL

PP5JD 2,324,131 2866 81 182

CHILE

CE2AA 1,986,864 2392 97 187

COLOMBIA

HK3A 6,428,100 4965 111 325
HK4RCA 1,590,994 1932 86 192

MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA

UNITES STATES

W2PV 10,618,352 5124 162 607
N2AA 10,399,208 4937 159 580
N5AU 10,003,860 4872 171 574
K10X 8,016,197 4077 153 543
KN6M 7,300,070 4446 156 434
W3LPL 7,260,708 3455 159 573
K9GL 6,651,088 3392 162 539
K3WW 6,123,408 3309 151 513
K1CC 5,794,722 3172 154 499
N2SS 5,447,362 2949 154 507
N6RO 5,325,320 3332 157 415
K4VX/Ø 5,315,058 2946 164 430
A16V 4,848,260 2842 158 422
K6RU 4,270,050 2762 151 425
K1K1 3,951,377 2266 143 468
K3ND 3,833,421 2296 143 473
K3ZJ/4 3,410,904 1930 147 485
K6MEP 3,179,754 2384 147 335
K6RR 3,040,886 2284 149 358
K2BA/4 2,942,380 1757 144 446
N3RL 2,101,581 1416 133 394
N7GM 1,519,220 1491 118 270
WB7TAZ 1,498,720 1801 91 199
N6RZ 1,479,444 1354 121 267
K6ZM 1,454,222 1233 125 293
W6W0W 1,391,069 1243 119 282
K1XM 1,103,088 999 102 290
N4KE 887,678 654 144 370
WB6KBZ 667,980 910 88 182
K11K 541,748 583 91 243
W9AMM 398,431 451 100 219
W3YFV 336,815 453 77 188
W6FPS 96,839 214 73 106
KD4ZI 71,133 213 37 94

ALASKA

KL7RA 5,789,300 5784 121 281
KL7IRT 4,856,005 4907 119 266

BERMUDA

VP9AD 13,338,000 9650 143 442

AFRICA

MADEIRA ISLANDS

K6HNZ/CT3 13,149,240 8469 123 397

ASIA

JAPAN

JA2YKA 5,116,621 3467 145 366
JA2YEF 5,061,654 3956 139 307
JA7YRR 4,110,648 3058 134 333
JA3YBF 4,076,336 2869 139 367
JA3YKC 3,645,972 2612 142 344
JH7YJF 3,030,100 2848 120 265
JA4ZQA 1,366,394 1436 107 227
JA6YCU 1,217,115 1303 116 217
JA4YQ0 250,647 460 74 127

SAUDI ARABIA

HZ1AB 5,565,170 4316 123 358

EUROPE

BELGIUM

ON6AH 2,236,125 2484 94 261

CZECHOSLOVAKIA

OK1KSO 3,565,354 2762 122 360

DENMARK

OZ500 1,309,280 1813 84 250

FINLAND

OH1AA 10,840,617 6585 160 551

LUXEMBOURG

DA1WA/LX/P 2,538,970 3194 108 329

NORWAY

LA9K 362,439 507 63 168

SPAIN

EA7RCC 237,840 562 66 174

SWITZERLAND

H89H 5,937,585 4908 139 426

YUGOSLAVIA

Y7ØR 13,462,620 8226 154 554
YZ7R 5,144,280 5160 115 374

OCEANIA

AUSTRALIA

VK2DZZ 125,100 556 34 41

NIUE

ZK2ZZ 3,003,000 3779 99 174

SAIPAN

K66RE 18,781,080 12,059 150 380

SOUTH AMERICA

BRAZIL

ZY3ZZ 987,940 1750 56 132

NETHERLANDS ANTILLES

P41C 41,957,244 17,718 173 625

CHECK LOGS

We are grateful to the following stations for submitting check logs:

C02GB, CT2EE, DL4NAC, EA7HG, F6CCI, H89QA, H1CAK, JH7PWS, KA1DSQ, KAZI, K5VYT, K6FM, LA2LV, LA3JT, LA4HH, LA4RQ, LA9LO, LA9U, LA9ZV, LZ2CC, M40CC, NS5DY, OH1EB, OH1PN, OH1XX, OH2BBM, OH2BQG, OH2MM, OH3YI, OH8TU, OK1AD, OK1AKD, OK1AVG, OK1DIB, OK1DJD, OK1KPA, OK2BNK, OK2BSG, OK2BUY, OK2SWD, OK5FV, OZ1EKZ, OZ2DM, OZ5LR, OZ6VO, OZ7BW, OZ7TH, PA3AAV, PA3AMA, PA3ASE, PA8DUO, PA8LEG, PA8LRK, PA8RRS, PA8TV, PA8UV, PT7AE, PY1DFJ, PY1HE, PY2TM, PY3JC, RA3DDU, RA3DPD, RA3DPO, RA3DQ, RB5AD, RB5GCJ, RJ8JC, SM2BUW, SM2LKW/Ø, SM5ARL, SM5BDV, SM5FTH, SM5IR, SM5LI, SM5UF, SM7DMV, SM7GKG, SM7IDF, SM7KVZ, SM7LVE, SM8HOW/Ø, SM8LEA, SM8MLZ, SP2CYK, SP2PHS, SP3CDR, SP3CZY, SP3IBX, SP3XR, SP4AW, SP4EDV, SP4JSD, SP5ALV, SP5CFD, SP5DFG, SP5DRH, SP5EAG, SP5EYK, SP5GMM, SP5GPA, SP5ILO/5, SP5LM, SP5XD, SP6DYO, SP6ECA, SP6KCS, SP6PDT, SP7AW, SP7EJ, SP7KTE, SP8FA, SP9DST, SP9JPA, SP9U, UA1AWO, UA1CIG, UA1NB, UA1ZCZ, UA2FBZ, UA3AEW, UA3AHA, UA3ALE, UA3AMV, UA3AT, UA3DDC, UA3DNU, UA3DUA, UA3DUF, UA3AH, UA3EAH, UA3EAL, UA3EAT, UA3PBY, UA3PDA, UA3QJK, UA3TAG, UA3TAM, UA3TDK, UA3TEP, UA3VAS, UA4ACA, UA4CDC, UA4CD, UA4HJA, UA4PWW, UA4WBJ, UA6AJ, UA6AKT, UA6HFO, UA6LIA, UA6LXZ, UA6PCL, UA6RB, UA9AGC, UA9OS, UA9UJQ, UA9UK, UA9UOF, UAØLF, UAØFN, UAØSK, UB5CDF, UB5ICD, UB5IHR, UB5MD, UB5IPJ, UB5LAW, UB5MDE, UB5ML, UB5UCF, UB5UEV, UB5VCK, UB5WBF, UB5XBY, UC2AG, UC2BE, UC2SLF, UF6FER, UK2BAS, UK2GJT, UK3APV, UK3DAM, UK3DAU, UK3DAM, UK3DDE, UK3HCB, UK3TAG, UK3XAM, UK4ABW, UK4ANA, UK4NBM, UK4WAK, UK5DAS, UK5FAD, UK4ICX, UK5QCD, UK5UBC, UK5VAV, UK6HBA, UK6LGT, UK7LAF, UK7NAV, UK9FET, UK9FEI, UK9HAC, UK9SAD, UK9SAV, UK9AAB, UK9QBG, UK9SAW, UL7ØPB, UL7PBI, UM80AN, UP2BEL, UP2BHT, UP2BV, UP2NO, UQ2MU, UQ2OP, UY3TE, UY3FW, UY3RR, UY3WZ, UY4NH, UY4NIV, UY4ØD, VES3WF, VES3EA, VE7DZR, VE7NI, VS6CT, W1PWK, W1TJO, W85ZKN, W8MB, Y02H, Y03LX, Y02NU, Y06LV, Y06VZ, YU101Y, YU7AJ, YU7PT, Y21XC, Y22F, Y22L, Y22LO, Y22NU, Y23IL/A, Y23L, Y23MF/A, Y23TF, Y23ZF, Y24GF/A, Y24LA, Y24HF, Y25B, Y25BN, Y26N, Y26L, Y26KN, Y26LN, Y27DL, Y27FN, Y27MA/A, Y278A/E, Y28AL, Y32WC, Y33VB, Y33VL, Y36ZM, Y3BT, Y38WA, Y38WI, Y39WS, Y41ZM, Y43ZB, Y44X, Y46WF, Y47VM, Y49RO, Y51VE, Y51YF, Y54ZL, Y56MD, Y56YN, Y57TH, Y59YM, Y62XG, Y64DL, Y66ZN, Y67ZG, Y75DL, Y75YL/P, Y79WN, ZL3GG, ZP5CC, ZS3AG, ZY3ASN, 4U36UN.

Disqualified: UF6DZ (unverifiable contacts and excess duplicates).