Results of the 1994 CQ World-Wide DX SSB Contest

BY BOB COX*, K3EST

From all over the world men and women temporarily suspended the routines of their lives to take part in a world-wide party—a party where everyone is invited and where you might talk to a king and an elementary school student in the same five minutes. This is a party without boundaries and without prejudices. As W6QD, who founded the CQ WW, said in 1939, "It is our contention that an advancing wavefront cannot recognize a political boundary even when it sees one." The essence of the CQ WW is that it is a contest in which there is lots of DX. Dozens of contesters and DXers fan out across the world to put rare and semi-rare countries on the air. Going overseas from your home QTH makes the fishing much more interesting for yourself and others.

There are so many participants in the CQ WW Contest that it is hard to know whom to acknowledge. Every now and again a few of the boys think that too much publicity is given to the high point entrants. There are a couple of ways of looking at it. In all hobbies, the person who scores the highest number of points or comes out ahead naturally attracts the most attention. We would be sadly neglectful if we did not recognize it. On the other hand, we all know it is not the high-scoring fellows who give us so many of those much sought after multipliers or QSOs and make the contest a success. The majority of entrants, for many individual reasons, are just out to have fun. This contest was dominated by greatly varying band conditions. A solar storm early in the contest—before the morning European runs to the US—put a real damper on 10 and 15 meters.

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Conditions to the east to JA were more consistent. It is amazing how some Europeans can put in a serious effort and work almost no W's on any band but 20.

All Band

The top ten all band scores were scattered all over the world. After renting AI6V's QTH, Jose, CT1BOH, spent a lot of time making his preparations to assault the #1 position. He arrived on Aruba and helped John, P40W, construct his station before concentrating on the big event. As time drew close he thought about Pekka, OH1RY, over at EA8AH. Pekka was operating from the QTH put together by OH2MM, OH2BH, and himself. When it was all over, Jose had made the second highest SSB score in the history of the contest—not bad in a sunspot minimum. He dominated the whole top ten field. EA8AH finished second.

Another traveling OH, OH6DO traveled from VS6 down to 8R1K and placed third. The top ten shows two stations from Cyprus. This seems like a great place to finish in the results. P39P was only 17 years old at the time of the contest and won the high-scoring youth trophy. Falling just outside the top ten box were XX9TZ operated by OH2BH and WR6R/KH6. Both did outstanding jobs from propagationally challenging areas.

The battle in the US was between John, K1AR, and Randy, K5ZD/1. John took top honors for the seventh time, ending up with about 50% of his previous year's top score. Randy edged out John in QSOs, but lost the multiplier battle. Third place went to Bill, KM9P, at the mic of N4RJ down in Georgia. Special mention goes to the seventh place finish of Steve, N2IC/Ø, way out in far west of zone 4, and to K5MR and W9RE. All broke into the top ten from a non-east-coast QTH.

Operating from a hilltop in northeast Slovenia, overlooking Austria, Drago, S59A, took top European honors over Steve, GW4BLE, at the western end of zone 14. Third place went to Vile, OHØMM (OH2MM), who was busy watching the auroras out his window.

The low power category continues to attract the most entrants. Making many happy, Felipe, NP4Z, spoke his way past D3X, FM5DN, and VP2EJ to win the world trophy. For single operator, low power it was Tony, K2SG, way out in front with more than 900K. Tony had a tough struggle last year, but this year the second-place score was down over 500K. Come on, guys; give this wide-open category a try. You just might win! The low power battle in Europe was located on the Iberian peninsula. Angel, EA7CEZ, was the clear winner over EA1FBU, CT1ENQ, and EA3GHQ, respectively.

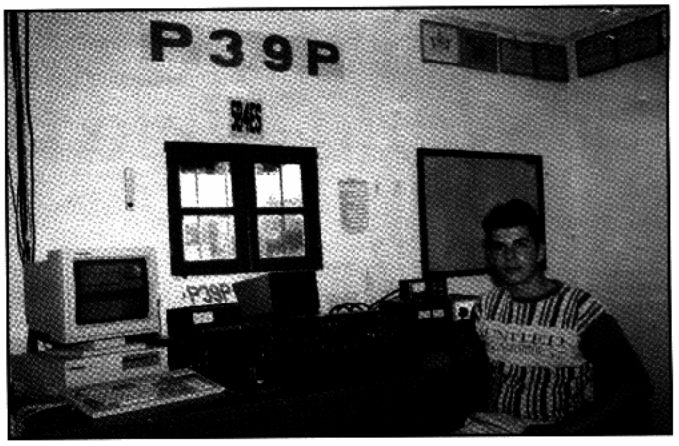
World Single Band

As one would suspect, 28 MHz was dominated by South American stations. PQØMM came out on top by barely edging out well-known contester LU6ETB. Did you know that Tokyo was due west from Buenos Aires? While piling up his frequent flyer miles, N6TJ got on the air from ZD8Z. What happened next was what contesting is all about. The countries and QSOs just kept coming and coming. When it was over, Jim had set a new world record for 21 MHz. He had just had a super radio experience. Wow! A similar event was occurring

The IR1A team.

The multi-single team from Greece, SV1AFA. (Left to right) sitting SV1CIB and SV1SN; standing SV1CIF, SV1CDN, and SV1CQG.

Eleven-year-old Nicole, N2YJQ.



Eighteen-year-old 5B4AFM operating at P39P finished in the top ten and won the Youth Trophy.

only 575 km farther west (just 4 hours driving DL-style). PYØFM piloted by PY5CC set a new 14 MHz record. Both guys made over 5000 QSOs. Bob, KW8N, put KP2A to good use by setting a new North American 14 MHz record of 2.25M points.

A real battle occurred on 7 MHz. When the ions cleared away, Seppo had edged out TI1C and 9M8R for the world title. If you wondered where N5AU has been, you probably worked him as VP2EC. This is N5AU southeast. Gordon won for the 3.7 MHz world category over Alberto, IV3TAN/IG9 just off the coast of 3V8. If you are not in Europe or the Middle East, you will have a hard time breaking into the 1.8 MHz top six. IR4T talked his way to a victory over PA3DFT.

QRP

Let's take our hats off to the these guys. The conditions were not very good, and still the diehard QRpper kept going showing that yes, you can still do it. The world QRP winner was NP2Q with more than 700K, followed by European winner EA3AX with just under 250K. Taking third place in the world and first place in the USA with 186K was perennial QRP winner Randy, AA2U. It's hard to believe that the winning USA QRP score was over 1.2 meg. We sure miss those sunspots!

Assisted

The single-operator assisted category showed a growing number of entries from outside North America this year. Running away with top honors was John Crovelli, W2GD, at P40W. John's outstanding effort was the result of a week spent building a new station from the ground up, including links to a spotting network. However, once again the top single-op assisted score was short of the top single-op unassisted entry (also from Aruba). It appears that the right strategy has not yet been found for integrating packet spotting with single-op tactics.

Second highest score in the world and highest in Europe was achieved by Jean-Claude, F6GYT, using the callsign TM2V in France. IR8A (I8QLS, operator) and OM5A (OM3LA, operator) rounded out the top three spots in Europe.

Top U.S. scorer was N3AD, followed by K5NA/2, K3WW, and K2WK, giving the Frankford Radio Club three of the top four US scores in this category. ZS94F, operated by ZS6YA in South Africa, is one of the first single-op assisted scores from Africa, and also placed in the top ten worldwide.

Multi-Single

Contesters have debated where the best QTH is for everything—DX and QSOs. One of the places that comes mind is HC8. Located due south of the Mississippi River, it certainly ranks high as an optimum contest location. The talented operators at HC8A overcame a line-noise problem to take top honors in this very competitive category. Second place went to the two-man team of Doug, K1DG, and Bob, KA1XN, at VP2E. Setting up a simple station and getting a last-minute license conversion to the VP2E callsign were no handicap to this dynamic duo. Finishing third and first in Europe was the super contest team of IQ4A. The rest of the European multi-single stations all finished close. Less than 1 million points separated the second through sixth place stations. The CT5P boys just edged out OT4T for second place.

In the US the competition for top honors was even closer. After all the checking was done, KC1XX beat out the fine effort from K4ISV and N2NU. The commendable efforts of 9G5TL, V59T, VP5Y, 6D2X, PT7CB, V7X, PJ8Z, and TK5EL put much-needed multipliers in our logs.

Multi-Multi

When you work PJ1B you might think that these guys have it easy. They walk down and just get on the air. Wrong. Only the towers are up and it takes seven guys working seven days for eight hours a day to put it all up. The PJ1B gang took the world trophy. Deciding to put in an SSB effort this year, the usually CW J6DX guys from Ohio did an outstanding job. Check out their QSO totals. EM2I held on to edge out GØKPW for the top European score. GØKPW also set up Field Day style.

In the battle of the US multi-multi monsters, all of Frank, W3LPL's hard work paid off. He has excellent antennas and assembled an excellent crew. They came out on top of N2RM this year. Out in western Pennsylvania, K3LR, located almost on Interstate 80, rounded out the top three. Tim's enthusiasm will someday swing the Europeans farther west.

Records

Even though conditions were depressed in some areas of the world, the following stations set new records and are new champions. New world records: 21 MHz ZD8Z (Opr. N6TJ), 14 MHz PYØFM (Opr. PY5CC); Low Power: 14 MHz 5L2PP, 3.7 MHz CM3ZD, 1.8 MHz HA8EK; Assisted All Band P40W (Opr. W2GD). In addition, the following stations set new continental records. See their scores in their respective categories: H20A (Opr. 5B4ADA), JS2LGN, JA2DLM, CT3DL, ZS94F, T94NE, IT9STX, DJ6TK, KP2A (Opr. KW8N), VP2EC (Opr. N5AU), XE3RKK, K4PI, 9M8R (Opr. W7EJ), LU3MAM, and PP5JD. Congratulations to all for your hard work and excellent efforts.

Comments

There are several changes to be aware of for the 1995 CQ WW Contest. First, there is a new multiplier. The CQ WW Committee has voted to clarify the country status of IG and IH. African Italy. IG and IH will count as a country multiplier in the CQ WW, the country of African Italy. The CQ WW DX Contest uses the DXCC and WAE lists as sources of country multipliers. The CQ WW Contest Committee does not make country multipliers. This action corrects an omission on our part.

Second, the rules have been clarified. For all categories: Only the entrant's callsign can be used to aid the entrant's score. No other callsign can be used to solicit QSOs for an entrant. Use of spotting nets, such as packet, can only be used passively in a non-soliciting, non-self-spotting manner. This prevents violation of the single-operator and multi-single rules. Finally, in the multi-single category the 10-minute period is defined as starting with the first logged QSO on a band.

We want your computer disk. Your disk helps construct the master data base. In addition, your disk allows us to provide you with information about your log that would not normally be available to you. Do not send us your CT.ALL file or CT.20, Band file. We want your CT .BIN file. If you use N6TR's program, we want just your N6TR.DAT file. If you use a NA, we want your .QDF file. If you do not have any

TROPHY WINNERS AND DONORS

SINGLE OPERATOR
World All Band
P4ØE
(Opr. Jose Carlos Cardoso Nunes, CT1BOH)
Donor: Dave Rosen, K2GM
WA2RAU Memorial

World Low Power
Felipe J. Hernandez, NP4Z
Donor: Slovenian Contest Club

World Assisted
P4ØW (Opr. John Crovelli, W2GD)
Donor: Snake River Contest Club

World QRP
Anthony Arnold, NP2Q
Donor: Doc Sayre, N7AVK

U.S.A
John Dorr, K1AR
Donor: Potomac Valley Radio Club
KC8C Memorial

U.S.A Low Power
Anthony A. De Biasi, K2SG
Donor: North Coast Contesters

Canada
VE2TJA (Opr. John A. Ross IV, WB2K)
Donor: Niagara Frontier Int'l DX Assn.
VE3WT Memorial

Caribbean/C.A.
Leonce Richer, FM5DN
Donor: Alex M. Kasevich, VP2MM/W4

Europe
Drago Turin, S59A
Donor: Potomac Valley Radio Club
W4BVV Memorial

Europe Low Power
Angel Martinez Claus, EA7CEZ
Donor: Scott Jones, WR3G & Tim Duffy, K3LR

Africa
EA8AH
(Opr. Pekka Kolehmainen, OH1RY)
Donor: Gordon Marshall, W6RR

Asia
H2ØA (Opr. Ivo Pezer, 5B4ADA)
Donor: Japan CQ Publishing Company Ltd.

Japan
Toshihiko Inoue, JH4UHW
Donor: Japan Crazy Contesters Club

Oceania
Olli Rissanen, OHØXX/DU1
Donor: Northern California DX Club

South America
8R1K (Opr. Marko Myllymaki, AB6NJ)
Donor: Yankee Clipper Contest Club

SINGLE OPERATOR, SINGLE BAND
World—28 MHz
Sergio Lima de Almeida, PQØMM
Donor: Joel Chalmers, KG6DX

World—21 MHz
ZD8Z (Opr. Jim Neiger, N6TJ)
Donor: French 21170 DX Net/LNDX
FY5AN Memorial

World—14 MHz
PYØFM
(Opr. Peter Zoch Sprengle, PY5EG)
Donor: North Jersey DX Assn.
K2HLB Memorial

World—7 MHz
PJ9U (Opr. Seppo Sisatto, OH1VR)
Donor: Fred Laun, K3ZO
K7ZZ Memorial

World—3.8 MHz
VP2EC (Opr. Gordon Fogg, N5AU)
Donor: Fred Capossela, K6SSS

USA—28 MHz
Charles Dietz, KE5FI
Donor: Donald Thomas, N6DT

USA—21 MHz
K4JPD (Opr. Neal Sulmeyer, AE6E)
Donor: CQ Magazine

USA—14 MHz
KM1H (Opr. Robert Shohet, KQ2M)
Donor: Southern California DX Club

USA—7 MHz
Glenn Rattmann, K6NA
Donor: Stanley Cohen, WD8QDQ

USA—3.8 MHz
Robert Ferrero, W6RJ
Donor: Arnold Tamchin, W2HCW

USA—1.8 MHz
Jeffrey Briggs, K1ZM/2
Donor: J. Bruce Siff, W2GBX

Carib./C.A.
KP2A (Opr. Robert Hayes, KW8N)
Donor: Snake River Contest Club

Europe—28 MHz
II4A (Opr. Luca Viapiano, IK4GNH)
Donor: Chod Harris, VP2ML

Europe—21 MHz
IQ4C
(Opr. Fabio Ernesto Schettino, I4UFH)
Donor: CQ Magazine

Europe—14 MHz
Guiseppe La Parola, IT9BLB
Donor: A.G. Anderson, GM3BCL

Europe—7 MHz
Tine Brajnik, S5ØA
Donor: Roger Burt, N4ZC

Japan—28 MHz
Masaki Okano, JH4UYB
Donor: Take Yokoyama, JL1BLW

Japan—21 MHz
Kazuhiko Endou, JAØQNJ
Donor: DX Family Foundation

MULTI-OPERATOR, SINGLE TRANSMITTER
World
HC8A (Ops.: HC1OT, KK6QM, N6KT, W6QHS, WN4KKN)
Donor: Southern California DX Club
W6AM Memorial

U.S.A.
KC1XX (Ops.: KC1XX, AD1C, KM3T, K1EA, WA6OTU, KD1EA)
Donor: Carolina DX Association

Europe
IQ4A (Ops.: I4VEQ, I4IND, I4LCK, I4TJE, I4IKW, I4PVP, I4EAT, I4AVG, IK4DCT, IK4QJH, IK4EWK, IK4XQH, IK4CZF, IK2NCJ, IW4ANU)
Donor: Bob Cox, K3EST

Carib./C.A.
VP2E (Ops.: K1DG, KA1XN)
Donor: Eric Scace, K3NA

Oceania
V7X
(Ops.: KH6M, KL7Y, KH6HH, AH6IO, AH8H)
Donor: Junichi Tanaka, JH4RHF

MULTI-OPERATOR, MULTI-TRANSMITTER
World
PJ1B (Ops.: K2SB, K2SS, K3EST, KB2XZ, N3ED, N7ZZ, W3UM, WA3LRO)
Donor: Dave & Barbara Leeson, W6QHS & KK6QM

U.S.A.
W3LPL (Ops.: KA1GD, K1RZ, WR3E, W3EKT, N3GB, KZ3H, N3KTV, AI3M, KF3P, K3RA, N3RR, KP4XS)
Donor: Paul Hellenberg, KS9K

Europe
EM2I (Ops.: UR3IKY, UR5IOK, UT1IA, UT2IA, UT2IB, UT2ID, UT2II, UT2IJ, UT2IM, UT2IO, UT2IZ, UY3IM)
Donor: Finnish Amateur Radio League

Japan
JH5ZJS (Ops.: JA5BJC, JA5CJZ, JA5FDJ, JA5JCC, JA5THU, JH5FXP, JR5PDX)
Donor: Ryozo Goto, JH3JYS

CONTEST EXPEDITIONS
World Single Operator
XX9TZ (Opr. Martti Laine, OH2BH)
Donor: National Capitol DX Assn.
W2GHK Memorial

World Multi-Operator
9G5TL (Ops.: AA7NO, KF7AY, WY7K, NZ7E, WA7LNW, K5VT)
Donor: The German CDXG & SDXG
DJ3NG & DJ4EI Memorial

SPECIAL SINGLE OPERATOR AWARD
World—All Band Under 21 Years Old
P39P (Opr. Stavros Tsiakkouris, 5B4AFM)
Donor: Ham Radio Bookstore

World—All Band High YL
Heather Hall, PJ8CW
Donor: Yutaka Tanaka, JH3DPB

BAND-BY BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs/Zones/Countries on each band

WORLD TOP SINGLE OPERATOR, ALL BAND

Station	160	80	40	20	15	10
P4ØE	102/11/29	502/18/61	1329/24/93	2026/33/109	1960/27/109	2031/25/102
EA8AH	36/9/27	471/22/74	623/26/84	1752/31/109	1947/31/109	1228/22/82
8R1K	84/9/19	296/13/54	717/21/78	1340/25/99	1456/27/105	950/25/101
H2ØA	37/8/24	155/11/53	379/23/80	973/31/108	932/27/97	2046/27/101
FR5DX	5/4/3	165/20/36	531/33/91	1287/34/126	840/29/98	1006/27/97
OH,XX/DU1	1/1/1	92/15/22	499/27/59	749/34/82	1704/34/95	1296/27/77
HK1HHX	4/2/4	323/14/36	1023/18/70	1429/21/95	767/21/81	883/18/54
P39P	2/2/2	14/5/12	488/15/59	1093/30/93	1205/23/79	1412/20/61
5NØGC	1/1/1	28/11/16	126/16/29	1311/27/99	1221/28/107	837/25/87
CE3F	2/3/3	56/17/25	311/25/67	926/31/90	944/28/91	988/24/84

USA TOP SINGLE OPERATOR, ALL BAND

Station	160	80	40	20	15	10
K1AR	24/10/15	246/23/73	194/25/81	997/37/146	434/24/113	87/16/40
K5ZD/1	39/13/25	245/21/71	197/21/70	1079/33/132	351/24/101	105/15/44
N4RJ	28/11/20	111/16/55	198/27/76	584/28/117	663/27/119	121/20/49
K3ZO	14/6/13	178/22/69	198/26/77	808/36/127	378/22/100	41/10/25
N6BV/1	18/4/11	295/22/79	161/21/75	781/25/113	304/21/87	77/14/33
N6AR/4	23/9/18	98/18/57	166/29/81	373/30/112	505/28/117	135/20/57
N2IC/Ø	23/9/18	103/20/47	200/29/63	825/34/117	211/27/69	88/15/36
K5MR	34/9/19	84/20/46	199/27/65	434/33/92	613/30/107	80/9/30
W9RE	24/9/16	122/20/55	143/23/71	551/33/115	348/25/102	98/11/37
N2LT	25/8/17	99/20/60	100/24/60	523/31/119	392/24/109	86/16/47

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

HC8A	89/11/20	650/23/70	977/28/93	2072/36/153	2582/26/135	2109/25/102
VP2E	156/11/25	570/18/54	951/25/85	201628/93	2670/26/113	1657/22/82
VP5Y	72/7/16	590/22/78	911/24/88	1596/31/112	2160/30/122	694/26/105
IQ4A	72/9/55	161/24/98	955/35/128	1609/38/153	1487/37/170	180/31/137
9G5TL	7/3/5	57/15/24	338/22/65	2171/36/136	1592/32/137	983/31/119
6D2X	142/9/18	700/21/57	1394/31/100	1989/36/120	1696/31/125	224/23/76

USA MULTI-OPERATOR SINGLE TRANSMITTER

KC1XX	30/12/23	425/23/91	215/28/96	890/36/159	401/25/126	89/17/58
K4ISV	27/12/25	153/23/76	161/29/97	1174/39/153	482/29/131	87/18/53
N2NU	38/13/32	277/23/81	182/30/108	964/37/157	377/27/126	70/18/69
K1NG	32/13/28	198/24/79	204/29/100	794/37/163	305/23/130	277/20/75
K5XI	29/10/20	100/22/55	255/29/85	676/36/145	626/32/130	120/20/66
N3RS	27/12/23	197/23/81	281/28/99	727/36/155	306/26/133	99/18/62

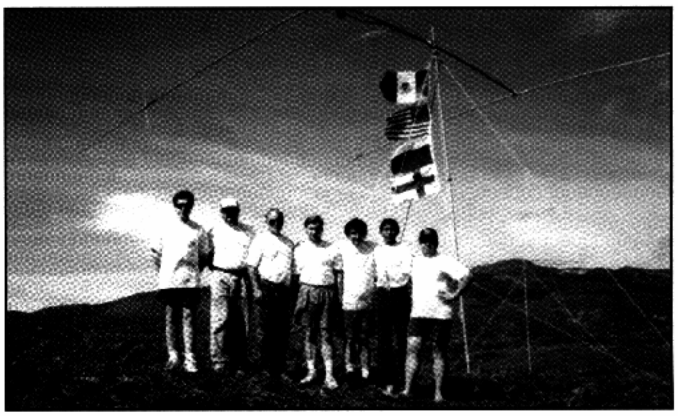
WORLD MULTI-OPERATOR MULTI-TRANSMITTER

PJ1B	401/14/40	1528/26/104	1989/29/120	4477/38/168	4012/32/148	3220/30/126
J6DX	422/11/33	1325/21/96	1811/25/117	3999/36/143	4278/32/146	2188/29/122
EA9UK	248/9/49	727/21/83	1556/31/118	2883/38/149	1287/29/107	1760/27/111
V26B	60/14/50	767/18/73	1408/20/95	2965/27/112	3009/29/131	2213/26/106
LU4FM	17/8/12	185/17/48	518/31/69	1994/36/133	2730/33/133	2499/27/117
ZF2JI	379/9/28	1070/20/70	1748/22/65	3552/34/132	2385/26/107	971/25/101

USA MULTI-OPERATOR MULTI-TRANSMITTER

W3LPL	203/17/42	754/26/105	403/30/114	1638/39/175	772/28/146	472/20/82
N2RM	61/17/36	668/27/102	495/29/117	1591/37/170	917/27/153	381/19/70
K3LR	120/19/40	562/25/86	476/31/115	1238/39/165	453/27/126	272/18/67
W4MYA	116/13/31	312/24/84	432/29/107	953/37/162	611/28/138	203/21/67
KY1H	311/13/32	586/23/77	360/27/89	1133/37/156	375/27/117	263/16/58
N4ZC	22/8/13	398/25/92	232/31/101	623/36/139	466/27/122	186/19/69

LY2BG assisted by his daughter, Milda.



The XF4M team (left to right): RA3AUU, XE1VIC, OH2LVG, UA3AB, XE1ILH, XE1IIR, and NT2X.

of these programs, here is the generic form of what we want—a continuous chronological list of calls you worked on a particular band. Save the file as a DOS (ASCII) file. Label the file properly: HS0AC.20. Every potential top-scoring station **must** submit a computer disk with their log. This means that if you think you were third high in Europe on 40 meters, you must submit a disk. If you fail to send a disk you will receive a letter requesting that you comply with the rule. If you have no computer and did not submit a log created or checked by a computer in any way, you do not have to submit a disk. What this means is that we are considering countries where computers are not common or available (a shrinking number). Also, this means that a committee member must type your log onto a disk. We do not like to do this. It wastes our time and introduces our typing errors. Almost everyone can find a computer to use for log checking. Disks **must** be accompanied by a paper log satisfying all logging instructions.

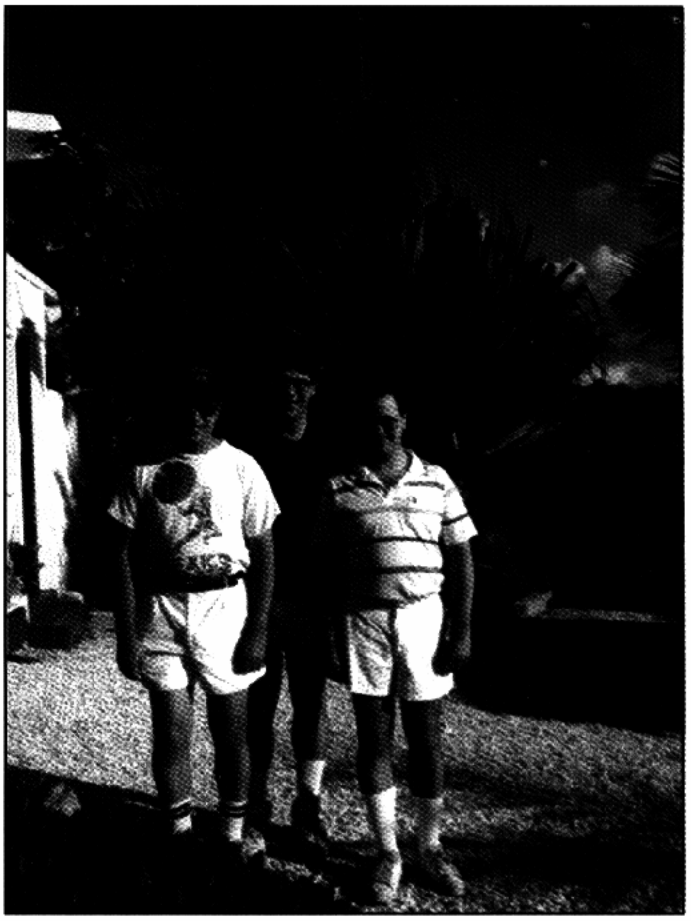
When you submit your paper log, please **put the SSB and CW logs in separate envelopes**. On the summary sheet put the QSO total, point total, and separate your multipliers into total countries and total zones. When you submit your disk, please indicate your call and mode on the disk. **Do not put both SSB and CW on the same disk.** And finally, name your files properly. Use your own callsign plus the extension. For example: 9G5TL.bin, V51T.dat or ZA1A.qdf. To recap: Name the file correctly; don't put SSB and CW on the same disk; don't mail SSB and CW in the same envelope; your paper log should not be continuous, but band-

TOP SCORES IN VERY ACTIVE ZONES

Zone 3		Zone 14	
N7AVK	1,342,752	GW4BLE	3,677,808
W7CB/6	725,912	DJ4PT	2,812,117
VE7IN	674,289	EA4KD	2,641,353
AI6V	619,200	GIØKOW	2,302,140
N6MI	462,462	F6FGZ	2,231,000
VE7KD	445,140	*EA7CEZ	2,121,693
KM6YX	385,416	DL2NBU	2,075,620
K6VX	379,988	F6HLC	2,051,348
WA7BNM/6	368,964	DJ6QT	1,462,225
K6XO/7	368,220	DL8PC	1,398,234

Zone 4		Zone 15	
N2IC/Ø	1,916,640	S59A	3,771,714
K5MR	1,865,210	OHØMM	3,262,042
W9RE	1,819,323	S53EA	3,244,956
WX3N/Ø	1,372,332	YU7AV	2,747,305
W9ZRX	1,184,309	OH5NQ	2,156,400
VX3N	741,660	OH6KIT	1,783,047
KØKX	723,792	IT9PZM	1,736,300
AB5YG	357,105	LY2IJ	1,485,348
N5QDE	344,652	LY3BH	1,196,260
K5UA	323,565	IK2VUE	1,177,470

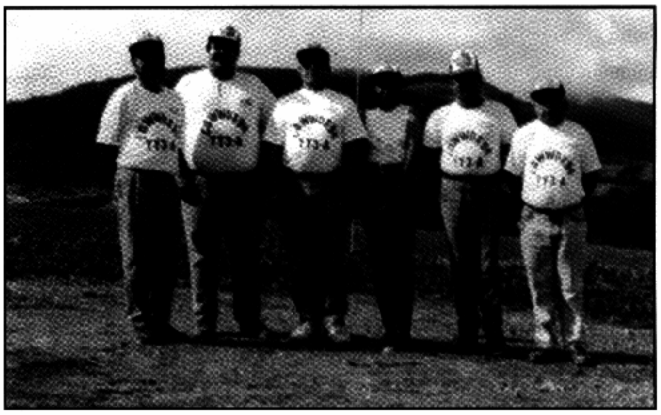
Zone 5		Zone 25	
K1AR	3,400,317	JH4UHW	1,880,307
K5ZD/1	3,254,700	JH1AEP	1,517,232
N4RJ	2,671,885	JA7BEW	699,361
K3ZO	2,397,434	JA9JFO	577,016
N6BV/1	2,216,445	JAØUMV	422,508
N6AR/4	2,016,000	*JH3CUL	303,831
N2LT	1,809,370	JS6GIM	252,705
N8II	1,794,870	*JA9XBW	226,233
N2BA	1,794,180	JH6AUS	226,137
W2SC/1	1,779,152	*JA4XRN	220,864



VP2EZA (left to right): ND3A, ND3F, and WR3Z.

ZONE LEADERS SINGLE OPERATOR

Zone	Call	Score	Zone	Call	Score
1	KL7/N7DF	65,065	21	A71CW	1,417,232
2	VE2TJA	1,392,960	22	VU2TRI	586,460
3	N7AVK	1,342,752	23	JT1BR	6,912
4	N2IC/Ø	1,916,640	24	XX9TZ	4,049,082
5	K1AR	3,400,317	25	JH4UHW	1,880,307
6	XE1L	1,245,111	26	XU7VK	601,506
7	V31JU	1,453,576	27	DU1/OHØXX	6,043,500
8	VP2EJ	3,358,929	28	YB6INU	1,094,300
9	P4ØE	15,048,757	29	VK8BE	2,616
10	HC7SK	705,812	30	VK5GN	2,066,038
11	PYØFM	3,202,242	31	WR6R/KH6	3,832,300
12	CE3F	4,554,992	32	5W1MM	2,065,661
13	LRØN	2,197,420	33	EA8AH	11,400,712
14	GW4BLE	3,677,808	34	No Entry	
15	S59A	3,771,714	35	5NØGC	4,636,284
16	UX6H	1,931,904	36	D3X	3,708,666
17	UN2O	1,819,033	37	7Q7ZZ	382,000
18	UAØWY	1,311,087	38	ZS94E	1,663,200
19	RAØFU	923,712	39	FR5DX	6,576,421
20	H2ØA	7,618,670	40	No Entry	



The YY3A team (left to right): YV3BKC, YV3FNI, YV3CFE, YV3FNE, YV5MMA/3, and YV3BXH.

by-band. Each band must be kept separately. If you operate on three bands, you must submit three separate band logs. **Do not run the bands all together.**

All entrants are required to submit cross-check sheets (an alphabetical list of calls worked) for each band on which 200 or more QSOs were made. All other entrants are encouraged to submit cross-check sheets. What is a cross-check sheet (dupe sheet)? A dupe sheet is an alphabetical list of calls you worked on a band. You need it for easy reference for QSL cards, for example. If you are not using a computer, you need one to prevent duplicate QSOs. We need it to easily check to see if you worked a particular call. The term "dupe sheet" arose out of the early days of contesting. You asked yourself, "Is the station a dupe?" So of course you looked at your "dupe sheet." The term is confusing. When we said we required a dupe sheet, many stations sent us a list of their dupes! This makes perfect sense, but it was not what we wanted.

Thanks

Congratulations to the newest members of the CQ Contest Hall of Fame: N6AA, N6TJ, S50A, and K1EA.

It's time to thank the guys who checked your logs. These committee members put in a lot of work to make sure that the winners are correct. Thanks to: K1DG, N2AA, W2RQ, KR2Q, N3ED, W3ZZ, W9RE, WA8YVR, KRØY, K6NA, K3EST/6, and W7EJ. Welcome to the following new committee members who also checked your logs: WR3G, K3UA, KZ2S, KR2J, and N6ZZ. Once again thanks to computer guru N6TR for writing the checking program; N6AA, creator of an accurate master data bank and consultant; K3ZO, special consultant; and K1AR, keeper of the certificate and trophy lists. The following DX advisors helped in many ways in committee discussions and provided disks and advice: CT1BOH, JE1CKA, ON6TT, S50A, I2UIY, DL6RAI, OH2KI, OH2MM, G3SXW, UA9BA, SM3SGP, OH2BH, OK2FD, and PY5EG.

Congratulation to all the participants and winners! CU in the next CQ WW.

73, Bob, K3EST

DX QRM

When no propagation on 75 meters towards US, my stateside locking sloper has nothing to do! . . . *UA3AGW*. The first US stations worked by us was not until Sunday when 10 meters seemed to be up . . . *GØNXL*. We had a severe shortage of ops! Still we made DXCC on three bands . . . *GB2AA*. Luckily, the homebrew 4 e Yagi did the job for me, otherwise results would have below last year . . . *VG2DR*. Our apologies to those calling on 160 we could hear through the QRN. Ten meters was amazing, 6+ hours of Europe each day . . . *J6DX*. It was a very good test. I think the best . . . *EA3FVR*. My first contest. It was super! still wonder where everybody hides during non-contest season . . . *EC5ABY*. Single 28 and only 12 US QSCs! . . . *EA8AKN*.

Incredible cndx on 10 meters. Worked BY, DU, VS6, HSØ, 5R8, and many more . . . *EA3CB*. We enjoyed the sparks from one of our amplifiers! . . . *ED4RCT*. Good propagation on 75 meters but my QRP s very small power—Hi . . . *UN9LCV*. What a big fun after 10 year break. I will be back for a lot of CQ contests . . . *F2BF*. Murphy stayed with me the whole weekend and wrote a book about antenna problems! It was great to find FR5DX booming in on 20 meters Saturday night . . . *XE1/AA6RX*. It was a lot of fun looking for countries . . . *XE1MD*. Great time from KG4 land. Would have loved an amp on 160 . . . *KG4JO*. A good contest with patchy propagation . . . *OZ2ZZZ*. Good cndx at day, not very good at night. Nothing from US, but good to Caribbean and SA . . . *IN3XUG*.

Enjoyed working the good mults in the very first contest of my life . . . *HAØUZ*. Really excited to find the 80 meter dipole erected in gale force wind/rain gave excellent results . . . *GW4BVJ/P*. Antenna broken by ghosts! . . . *LU4MEE*. The WW DX is the best contest for me in the World . . . *DL9IAI*. This year's CQWW was a fun event for the whole club. There still is no one around who takes care of food better than Ron, DL9WIZ . . . *DLØMCG*. For some of us this CQWW was the first attempt at HF contesting and we thoroughly enjoyed it! . . . *DLØTD*. First (!) foreign licenses in EX-land . . . *EX9HQ*. Thanks to CT1BOH for helping me build a station from the ground up. Cndx from South America were superb! . . . *P4ØW (Opr. W2GD)*.

Had to begin almost 20 hrs late due to blackouts, but had a lot of fun anyway . . . *YV4DSB*. Had lots of fun. Next year will be much better . . . *C6AFV*. I had to stop after 24 hrs to travel to YJ8 because of a family illness *(Hope all is well, Daniel—ed.)* . . . *FK8FU*. I did DXCC in 20 hrs . . . *9A3ZG*. I lost sum data from computer. The contest was very good . . . *V44NK*. First time in contest. Was a great sensation, and I'll be back next year or maybe on WW CW . . . *PY2XW*. Really disappointing to listen to PJ9U running W's at his sunrise on 40 without listening for DX! . . . *VS6BG*. Surprising good cndx on 10 and 15 meters. Never more an all band effort without a Yagi on 40 meters! . . . *S59A*. Really enjoyed low power contesting. My neighbors also—Hi! . . . *S57U*.

I'm ARS since 1937 and age is 81 . . . *CT1QF*. It was very fun my first WW, next time I will repeat . . . *EA5EKI*. With my 83 yrs, I could not follow the whole contest; it was nevertheless great fun . . . *DL3ME*.

TEAM CONTESTING

1. **DON'T STAY AT HOME: 41,362,844.** By 8R1K (OH6DO), EA8AH (OH1RY), P4ØE (CT1BOH), OHØMM (OH2MM), ZD8Z (N6TJ).
2. **YCCC CAPTAINS: 11,776,288.** By K1AR, N6BV/1, K5ZD/1, K1KI, W2SC.
3. **GEOGRAPHICALLY DISADVANTAGED: 6,397,228.** By N4RJ (KM9P), K4VX (WX3N), N2IC/Ø, WJ2O/VE2.
4. **THE NORTH-SOUTH CONSORTIUM: 5,525,009.** By AA4S, AB4RU, N2LT, W3BGN.
5. **TEAM MONOBANDER: 2,966,164.** By GMØECO, K3ZJ/8, IT9BLB, S56A.
6. **444 DXERS/FRANKFORD RC: 3,408,102.** By VE2TJA (WB2K), K2SG, AA2U, KD2NT, K2AZ.
7. **TuPY GANG #01: 1,288,467.** By PY2KP, PY2OU, PY2BW, PT2AW.
8. **TuPY GANG #02: 1,141,965.** By PY2NY, PY2XW, PY2XB, PY2TI.
9. **BRITISH COLUMBIA DX CLUB: 1,017,149.** By VE7CC (VG7CC), VE7IN, VE7SZ (VE7NTT), VE7VR.
10. **BAREFOOT BOYS: 752,517.** By KØEJ, VE6GK, KB1GW.
11. **TuPY GANG #03: 566,997.** By PY2APQ, PY2OZF, PY2PD, PY2DUN.
12. **ELETTRA MARCONI: 305,338.** By I5NXD, IK5MEQ, IT9ESZ, IK2QCF, IØKHP.
13. **EQUIPO DE CONCURSO: 303,659.** By EA1EXU, EA1FBO, EA1EED.

CQWW is the greatest contest and I enjoyed it very much . . . *JL7PVR/1*. Age 79 and hip surgery = limited operation. I still enjoy contesting a lot . . . *VE3ST*. As always a thoroughly enjoyable contest! Ten meters been quiet for weeks. The contest livened it up, though! . . . *EA6ZY*. The only opening to the states lasted only 90 minutes . . . *OH6NIO*. Although I didn't burn the airwaves, I enjoyed the propagation on 10 meters. Two new countries . . . *NH6YK*. Oh, God, how much people want my country. The contest is a real experience to work other countries . . . *HR1ERL*.

First time in any contest. Really enjoyed it. Look out '95—Hi! . . . *GWØNPL*. Contest #1279 . . . *OH7NW (Congratulations, Matti—ed.)*. Cndx were very fine on 10 meters, but QRP is very hard . . . *RV1CC*. It was a nice contest, my first time in a contest . . . *CT1DXA*. Never thought making 1meg pts. My first CQWW . . . *CT1ENQ*. It was very difficult to get QSO with Europe with QRM 20 dB over 9. I will be back . . . *VK3AKK*. I'm very glad to have this result. There was so QRM from Eu . . . *TA2DS*. Crazy SWR in Pro 67B, failure in tuner switch, alarm clock lost 2nd. Winner is Murphy, not I2CMA! . . . *I2CMA*. I was surprised many BY stns in every contest recently . . . *JA2IZA*. Halloween brought weird propagation to this island . . . *AH6JR*.

Propagation much better on 21 than expected. Will be nice when Eu PX's settle down! As usual lots of fun—a great contest! . . . *VK2ARJ*. The contest is a good opportunity to meet new friends, to make people come closer, and to give a word of peace in the world . . . *IK4LZH*. I drove a car 8 hours on Friday and arrive at my QTH at Tierra del Fuego at 21Z. I am very weary, but I am happy with my results . . . *XQ8ABF*. I decided to see if it is true that you can work 100 DXCC countries in a single contest weekend. On Saturday at 19Z I logged country 101 and started to relax . . . *ZS6IR/PA*. Come on cycle 23! . . . *NL7DU*. I am oldest call holder in Korea. The KARL celebrated its 40th anniversary last April . . . *HL5AP*. Frustrating to hear all the double mults on 75 who couldn't hear me (9K, OK, S5, etc.). I must compliment the JA's for their efficiency in the pile-ups . . . *N6VI/KH6*.

By the end of test our three first-time contesters were already planning a MS for the WPX. Maybe "contesters created" should count as multipliers . . . *P2ØWW*. Fantastic aurora on Sat night. Worked all VE prov at 5Z on 10 meters! . . . *VA3SK*. It was so hot I couldn't stop sweating. I had to wrap rubber bands around pencils to prevent slipping . . . *PZ5DX*. Not bad for two ops collecting social security and a third op catching up fast! . . . *VP5R*. Plenty of sigs but few QSOs. Seemed like prop. was not reciprocal . . . *VE9ST*. Never heard so much activity. If possible, I'll be there full time next year . . . *PA3DWJ*. A lot of fun! Surprised to work so many on 10 meters! It is a pity 160 did not open yet . . . *BY1QH*.

I worked NA on all but could not get a single NA on 10 meters! . . . *SV3AQR*. Unbelievable aurora both Friday and Saturday nites. Highlight was listening to JJ3YBB op calling CQ to a square dance cadence the last hour . . . *VE6JAV*. Managed to work two new countries. This has to be my favorite contest! . . . *VE8KM*. I am a brand new ham and this is my first test. It's been very exciting . . . *IK3XZX*. Ginger tea water made me duty during this enjoyable contest . . . *YC3SPS*. Boy did we miss stateside QSOs! Propagation on 10 meters was great! We thought we were the only ones assembling a station in the rain, so it's nice to see that F6BEE had same situation . . . *EI7M*. This was the first DX experience for all three ops. We really had a blast. Only 100 yards from airport runway. When planes took off, we could not hear at all . . . *PJ8Z*.

Just hear what CQWW test does to bad conditions! . . . *PA3ELD*. I broke dream 100K barrier on 10 meters! I'll never stop trying 10 even if sunspot is zero. Thank you for the best contest ever! . . . *SP5DDJ*. XYL said, "You spend 3 months preparing for the contest, 10 months waiting for results, and 48 hours complaining about propagation. Is it worth it?" YOU BETCHA!! . . . *VK3PU*.

USA QRM

The northeast USA always had a propagation advan-

tage. . . *N8II*. The cndx were so bad that the only thing worse would be pulling your own teeth! Still it was fun . . . *K9SD*. Happiness is not having your computer bump GMT by an hour morning. Great test as usual! . . . *K8GL*. Cndx bad on Saturday but came alive on Sunday. I didn't get the Worked All Neighbors award! . . . *AB6YL*. My first contest. Used my rig more this weekend than the whole time I've been a ham . . . *KE3GE*. The new 75 meter fixed quad at 110 ft. worked like gangbusters. Because of QRN I worked zero JA on any band! . . . *N6BV/1*. Never thought I would love contesting. My first and the bug has bitten . . . *N4XSE*.

Nice European/African opening on 10 was a pleasant surprise; once again a great contest . . . *K1NG*. My second contest. Getting hooked on contests . . . *N2QWR*. Contest was loads of fun and great experience for a new ham . . . *KB2PAS*. Patience is 5 watts, a dipole, and a vertical on 40 meters SSB . . . *W8QZ/V6*. I want to thank the 23 LU's who were 37% of my Saturday QSOs! . . . *WB6MZQ*. Things looked real good on Friday night. On Saturday cndx were terrible. Even the always loud ZD8Z was barely audible. It picked up on Sunday somewhat. No Europe! . . . *KC6X*. It was great to hear South America so active especially the LU's . . . *N6IC*. Just enough propagation to keep me happy . . . *W6OK*. Worked my first JA (JH5ZJS), WOW! . . . *KB3AGZ*.

We came; we saw; we almost heard. Mother Nature I—rest of us 0 . . . *KC7EM*. Biggest thrill hearing and working BY1QH . . . *WA3DMH*. Licensed 29 years. This my first contest! . . . *WA4JUK*. It's tough when one third of your two stack is connected out of phase. Hello Murphy? . . . *AA2DU/1*. So where was the rest of Europe? Got EA and CT. Okay. What a difference a year makes! . . . *KJ9C*. Saturday was a double wash out—poor cndx and in-laws. Spent some time with in-laws, finally saying "Hi, ummm, there is a radio contest on now and I, well, gotta go" . . . *KB1GW*. After 5 sinus surgeries and brain surgery, it's a joy to be able to do a full contest again . . . *W9ZRX*. This is my first real entry in a contest. I'm 12 years old and in the 7th grade. I wonder how many youngsters are working contests? I'd love to hear from them to swap operating tips! . . . *KD6EWT. (Sohrab, if you are on internet you can join <CQ-YOUTH-REQUEST@dumpty.go.jp>—ed.)*

This was my first attempt at a CQWW and WOW, was it fun! . . . *KD6LLA/2*. QRN killed me, big pile-ups but could not pull them through . . . *W4PZV (Opr. WA4SVO)*. Turkey vulture landed on 5-ele 15 meter beam and broke coax fittings on driven ele! So I used a 40 meter dipole on 15 . . . *W7CB/6*. The solar gods frowned, but I hung in there to the wonderful end! . . . *K7ABV*. God bless the DX who heard my pitiful signal . . . *WS1A*. Needed to empty one of the CL-33 traps. It was full of crispy bees! . . . *K1JKS*. We worked 87 zones, 245 DXCC, 7 TVs, 3 stereos, 1 pacemaker, 14 telephones and 1 baby room monitor! . . . *N9VHW*. Crummy cndx, but still got plenty of DX with several new countries. Love this contest! . . . *WB4OMM*. Enjoyed search and pounce DXing for a change. It's been a few years . . . *K3WW*.

K3's had terrible prop when 1's were running Europe . . . *K3ANS*. My first ever contest after ramming for 55 years! It was all I expected . . . *W7HUY*. First contest. Had a great time. Dad (KA8D) and I took turns. Age here is 15 . . . *KB8TLF*. I was able to hear lots of Europeans who could not hear me. I am now a true believer in one-way skip . . . *KA1GTR*. I always enjoy this contest, no matter how many contacts I make . . . *AJ9K*. I fell off my chair when ZD8Z came back after an hour of calling! . . . *KE6UP*.

STATION OPERATORS
Multi-Op Single Transmitter

3ZØKPN: SP3GXU, SP3SFN. **4G2X:** 4F2MD, 4F2IR, DU2RK, DU2BBH, DU2AYL, DU2BAD, DY2BRL. **4UØU:** F5OWB, F6EXV, PA3DZN. **5X1HR:** 5Z4DU, 5Z4FO, W5AHC. **5Z4RS:** 5Z4BJ, VE1BLG. **6D2X:** K5TSQ, N5RZ, NA5C, W5VX, WB5VZL. **6E2T:** XE2ZZ, XE2CM, XE2SJB, N6AZE, KD6QK, N6KI, W6UQF. **9A5D:** 9A2FK, 9A2TL, 9A3DU, 9A3VM, 9A4CB, 9A4DU, 9A4SG, Gogo. **9G5TL:** AA7ND, KF7AY, WY7K, NZ7E, WA7LNW, K5VT. **9K2ZZ &** 9K2MU, 9K2WA, 9K2ZC **AA1K/3 &** K3WJV, N3FDL. **AA4NC &** WA6DGX. **AA5UO &** K5GH. **AA8U &** K8MJZ, KF8DF, KG8CW, KT8X, N8CC, KC8EK, K8AQM, WX3M, KB8FCG, WD8MBB. **AK3Z &** K2PH. **BY4BCN:** N3NGC, others **BY4RSA:** BZ4RC, BZ4REA, BZ4RBZ, BZ4RBV, BZ4RDA, BZ1RDQ. **BY4SZ:** Zhang Yan Jun, Fu Bin, Wang Xin, Liitua Xing, Chen Qiang, Chen Mei, Hu Qi. **BY5RT:** Club. **C56DX:** C53HG, GØKLF, GØMRF, GØOHW, GØONA, GØRHB. **CT3EE &** DL3DXX, DL7UTA. **CT5P:** CT1BOP, CT1DIZ, CT1AHU, CT1EGW, CT4NH. **CT8T:** CT1AOZ, CT1CJJ, CT1CLR, CT1DVV, CT1ESV. **DFØAT:** DF6QN, DF6QV, DJ8CR, DL9NC. **DFØHQ:** DL1AUZ, DL1DTL, DL3OI, DL5ANT, DL5AOM, DL5ATD, DL5AXX. **DF7RX &** DK2OY, DK6WL. **DKØBP:** DL6CPG, DL6FCV, DL2SEN, DL1SDA. **DKØEE:** DL1MFL, DL4MCF, DL4MDO, DL4MEH. **DKØPR:** DL4XP, DL5XF, DL5XT. **DKØUB:** DL1EFD, DL1EKA, DJØMW. **DK5EZ &** DK4TP, DK8EY, DL4EBA, DL3EBX, DL9JT. **DLØDR:** DK7IH, DF1IAO, DK8IP, DF2IX, DL5IAI. **DLØDRL:** DL4DRA, LY2DM. **DLØER:** DF5EM, DL6ECA, DL6EX, DL8EAD. **DLØIU:** DJ3AK, DJ5BA, DL1LBW, DL10C3, DL2HBX, DL4AAZ. **DLØMCG:** DG2ABP, DG6OBX, DH10AH, DL6OBX, DL8OBC, DL9WIZ. **DLØTD:** DG1SDO, DG2FEF, DG4NAV, DG6IR, DH5IAF, DJ7IK, DL1FDT, DL1FDV, DL2ZBN, DL8AAU, DL8OBC.

DLØWW: DF3CB, DJ4LK, DJ5JK, DK2GZ, DK9IP, DL1IAO, DL5IAR. **DL2ARD &** DL1APW, DL1JQJ. **EA2AM &** EA2BSJ, EA2AU, EA2AW, EA2OGA, EA2COA, EC2AAR, EC2ABU. **EA3KU &** EA3AIF, EA3AKY, EA3ALV, EA3AQC, EA3CWK, EA3DJL, EA3EJI, EA3FER, EA3GFA. **EA3MT &** EA3CJ, EA3BDW, EA3FIR, EA3GEI, EA3GFK, EA3GFT, EA3GHB. **EA4DAT &** EA4AUA, EA4BCR, EA4BHK, EA4BIN, EA4XA, EC4CCE. **EA4RCU:** EA4AO, EA4AV, EA4BOU, EA4BPJ, EA4BT, EA4CQT. **EA5CA &** EA5AN, EA5AT, EA5OB, EA5SW. **EA5DCL &** EA5VN. **EA5RKV:** EA5EER, EA5EYW, EA5FID, EA5GRB, EA5SM. **EA5ZI &** EA5GKE. **EA6ARM:** EA6MS, EA9VQ, EA6KZ, EA6YP, FA6AC7. **EA8RG &** DL1YAW, DL4YBM, DL1YDI, DF8XC, FA8AFP. **EA9OB &** EA5BY, EA3GBU, EA3NY **ED1WWE:** EA1CJJ, EA1FCS, EA1FCR, EA1EZV, EA1FDI, EA1FAV, EA1FFH, EC1CFO, EA1CMF, EA1EPB.

ED5WDS: EA5SJ, EA5WX, EA5EVC, EA5FYT. **EI7M:** Club. **EW1WC:** EU4-002, EU4-411, EW1YN. **EXØHQ:** DF8WS, DL4MFM. **F5KDZ:** F5FXQ, F5PYQ, F1IXX, David. **F5KSE:** Club. **F6KCS:** F5JCB, F5PRH. **F6KLO:** F6CQU, FA1IPH. **FJ5AB &** F6GCX, FS4PL, K2IBW, K2MME, N2HIG, AA2SZ. **G3FJE &** G4LOO, G1JKF, GØBVW, G8ATD, G4VXT, G4YRF, G3EUS, G4OXD **G8ZAA:** G3GAF, G3UHU, G4TNB. **GM4DMZ:** GM3WOJ, GM4YXI, GM4TXX, GM4AFF. **GSØAEE/P:** GM4NNC, GM4TNJ, GMØAVB, GMØRJG, GM7LQR, GM7POK, GM1ZJI. **GU3HFN:** GU4WRP, GUØSUP, GU5RWD, GU4YBW, GU4EON, GU6EFB, GUØELF. **GW8GT:** GW3KYA, GWØMAW, GW3NWS, GW6TUC, G4IFB, G4VXE, G3SUH. **GXØFUN:** G4WJS, G4WVX, G4TYZ, GØBON. **HA1KRR:** HA1DRR, HA1ZN, HA1ZZ, HA1XU, HA1XO, HA1DC. **HB9CC:** HB9AUT, HB9BCK, HB9BFH, HB9CJX, HB9KOG. **HB9H:** HB9CIP, HB9CXZ, HB9CDO, HB9DGX, HB9CAT, HB9BLQ, HB9FAP, HB9SU, HB9STL, HB9SFD.

HC8A: HC1OT, KK6QM, N6KT, W6QHS, WN4KKN. **HG5M:** HA5MY, HA5WA, HA5EII, HA5OF, HA5BBC, HA5BVD. **HG6Y:** HA6DX, HA6OB, HA6OI, HA6CO, HA5BSW, HA7PO. **HLØO:** Club. **HP1XVH &** DL8SEP. HP1DTR. **HV4NAC:** IKØPYC, IØJBL. **HZ1HZ &** W9CQ. **I2ZZZ &** I2MWZ, IK2DJU, IK2OWX, IK2PTR, IK2UEC, IK2VJS, IK2XZD, IK4MED, IW4BVH, IW2DOF, IW2JQS **I3VFJ:** I3QKO, IK3CSX, IK3DVX, IW3FT. **I2I:** IK2LOL, I2FUG, IK2MLY, IK2HKL. **II4M:** I4GZV, I4MES, IK4HLQ, IK4FAQ, IK4LAI, IK4CFV. **II7I:** IK7RWD, IK7FJR, IK7YCE, IK7EES. **IK2UCK &** IK2BUF, IK2SGF, IK2SNI, IW2HFO. **IO5A:** I5NSR, I5OYY, I5NXH, I5JHW, I5XFW, IK5NAW, IK5MES, IK5PWC, IK5EKB. **IQ4A:** I4VEQ, I4IND, I4LCK, I4IJE, I4IKW, I4PVP, I4EAT, I4AVG, IK4DCT, IK4QJH, IK4EWK, IK4XQH, IK4CZF, IK2NCJ, IW4ANU. **IQ4T:** IK4HVR, IK4SXJ, I4JEK, IK4FAL, I4MNY, I4IFL, IK4EDW, IK4MXW, IW4DCT, IW4DLA.

IQ9K: IT9KWF, IT9JOF, IT9EWG, IT9THC. **IR1A:** IK1GPG, IK1QFM, K1HSR, IK1HXN, IK1TZO, IK1VDN, IW1DGL. **IR2W:** IK2EGL, IK2OHG, IK2PZC, UA3DPX, I2EOW, I2VXJ. **IT9EQO &** IT9NJE, IT9CHU, IT9LFR, IT9QCP, IT9ZEO, IT9EJO, IT9PKD. **IU2D:** IK2EKY, IK2IKT, IK2FEO, I2TZK, IK2GAU, IK2OFR, IK2OQB, IK2MMF, K2ILH, IK2RJK. **IU2X:** IK2GSN, IK2GZU, IK2WAD, IK2SAU, IK2SGO, IK2GXK, K2FYH, IK2BCP, I2CZQ, IW2JWG, SWL Severino. **IU3X:** IV3JVJ, IV3SCF, IV3NTA. **IU4U:** I4AUM, I4FYF, I4GAD I4GAS. **JAØYAK:** JK2PVL, JFØTJU, JEØETP, JRØQDC, 7M1FQD, JHØUSD JI7TDR, JF1USQ, 7M2UKR Satch, Kozawa. **JA1ZEQ:** JL2TYH, 7N2FCZ. **JA3YBF:** JL1PEI, JF3HXJ, JG3JHI, JJ3BDG, JJ3FOW, JA9TOZ. **JA6YCL:** JF4CZL, JE6UWK, JI6MYW, JJ6KOO. **JA7YFB:** JM1HBO, JL2OGZ, JF5LOE, JG7TVO, JK7GDX, JH9XZG, JIØGWQ, Nobutaka. **JA8YBY:** JO1DFG, JP1OQY, JR8GOU, JR8WJS, JI8UCI, JJ8CKS, JE9KVQ.

JA9YAA: JG2KKG, JN2QCV, JA9GAD, JH9KVH. **JA9YBA:** JRØELG, JFØEGG, JR9QNJ, JE9RPC, Nada. **JE6ZIH:** JR6GXT, JF6DEA, JI6BRB, JL6QEA, JG4KEZ. **JG2ZQZ:** JA2BY, JA2AXB, JA2BIV, JA2JSF, JA2NDQ, JH2MYN, JE2HCJ, JG2TSL, JI2KAR, JQ2B3C. **JM1YCN:** JI1SIF, JM1UWB, JP1AEQ, 7K1EWD, 7L1DGK, 7I1FTO, 7M1WGZ, 7N1WIY, JS2XHN, Ishii. **JR7YCM:** JH7NPF, JR7JPC, JR7WFC, JR7WQR, JF7KWW. **KØPP/7 &** KE7X, N7NG, W7LR, W7SE **K1CLN &** KB1XQ. **K1GW &** K1HI. **K1NG &** KI1G, WF1B, WA1G, WA1IML, KD1NG, NB1U. **K1TWF &** WO1N. **K2OWE &** N2NRD. **K2OY &** KD4IDR. **K2TR &** K2XZ, K2WR, K2ONP, NJ1F, WA4VAD. **K3CP &** KU3K, KU3X. **K3DI &** WD4IEII **K3ZNV &** WD3A. **K4ISV &** KB4HU, K4UVH, WB4FLB, WA4QCV, N1GL, KQ4DO. **K5XI &** K5RC, W5ASP, K5GA, N5RP, KB5YVT. **K8AZ &** K8NZ, WT8C, NX8R, K8BL, W8KIC, W9OCF, KD8TA, N8LXS, N8ATF.

K8DXF & N1QPO, KB8RSA, WZ8T. **K8PYD &** Others. **K9UWA &** KR9U, KR5V, KC9LA, K9LA, N9HZH. **KB1H &** KZ1M, AA1CE, K1DW, KA1ZNZ, WA1HYN, WB1AIU. **KB5RUG &** KA5QWN, KC5JPU. **KCØEI &** KRØISS, KØVBU, KØVXU, KE5BF, WKØG. **KC1SS &** AA1GC. **KC1XX &** AD1C, KM3T, K1FA, WA6CTL, KD1EA. **KD4YAR &** KD4HXT. **KD6LLA/2 &** N2WSY. **KF2ET &** KE2NL, KD2RD. **KF8Y &** K3BAUX, KA8IOD, KE8W. **KG4JO:** WI2T, N4NOZ. **KG6AR &** KF6TC, WB9UXR. **KL7/NO7F &** KL7IEI. **KQ4HC &** KO4EW. **KQ4ZP &** KD4JOA, KM6DH. **KS9K &** K9GS, NB9C, WE9V, WB9TIY, W9XT, WW1M. **KS9K &** K9GS, NB9C, WE9V, WB9TIY, W9XT, WW1M. **L4D:** LU1EYW, LU7DP, LU5EWO, LU4DFH, LU4EQP, LW2DSD, LW2EKY, LW1EQG, LW5EJJ, LW4EJJ, LW5DOA. **L4DX:** LU5DU, LU8EYE, LW1DQK, LW1EXU, LW2ELR, LW3EUQ, LW7EIC, LW9EVF, Bernardino, Gabriel, Dalmiro.

L5P: LU7PAK, LU1PAU, LU1PIT, LU1PHC, LU7PBT. **LA1K:** LA2VJA, LA3JJA, LA4OFA, LA5GIA, LA6MGA, LA7HIA, LA9NGA, LA9RGA, LA9DIA, LA9QIA. **LA4C:** Club. **LP4H:** LU1HM, LU1HOD, LU3HUJ, LU3HIP. **LT1H:** LU1HIH, LU8HSO, LU6HPH. **LU1VV &** LU1VK, LU2VD, LU4VZ, LU5VC, LU6DH, LU7VCH, LU7DIC, LU8VCC, LU9VY. **LU4AA:** LU2DBG, LU4AHV, LU6BEG, LU7AQX, LU8AQE, LU8AQX, LU9AQD, LW5EUH. **LU6FAZ &** LU1FNH, LU7FEU, LU7FJD, LU9FHF. **LVØA:** LU1ARL, LU2AQO, LU2DKT, LU7DW, LU8EWD. **LX/DL4VBS/p &** DF1VH. **LX4B:** LX1TI, LX1RA, LX1KQ. **LY1BXB:** LY1DQ, LY2BOS, LY3BHY, LY-R-1289. **LY3MR:** LY2EKF, LY-R-1220, LY2BEF, LY3NFW, LY1FFI. **LZ1KNP:** LZ3SF, LZ/N-143. **LZ5Z:** LZ3UJ, Emil, Vetci. **LZ9A:** LZ1JY, LZ1UK, LZ2CC, LZ2CL, LZ2DF, LZ2HE, LZ2II, LZ2JE, LZ2PU, LZ2PS, LZ2TT, LZ2UU, LZ2WM, LZ3SN, Ilya, Vasko.

N1AU & KC1F. **N1HRA &** K1GOX, N1RJF, KA1VMG, N1PUW, N1SXL. **N2MM &** WB2R, WN3K, AA2NS, KE3GA. **N2NU &** K2WI, N7AK, WW2Y. **N2SS &** K3GYS, W2GMA, NC3C. **N3GKY/DU2 &** KO4TS/DU2, KD4LKY/DU2. **N3RS &** N3RD, KY2T, N3NA. **N5HRG &** K9MK. **N5OLS &** AA5BL. **N6AW &** KJ6GC, K7JYE, W6HT. **N6NG &** K6AUC, K6ILG. **N7UJJ &** KC7EFP, KC7CER. **N8ATR &** WB8K, W8XD, WA8BIN, N8DMM. **N9VHW &** WD9F,

TOP SCORES

WORLD

SINGLE OPERATOR HIGH POWER All Band

P4ØE	15,048,757
EA8AH	11,400,712
8R1K	8,169,408
H20A	7,618,670
FR5DX	6,576,421
DU1/OHØXX	6,043,500
HK1HHX	5,694,080
P39P	4,829,243
5NØGC	4,636,284
CE3F	4,554,992

28 MHz

PQØMM	1,586,288
LU6ETB	1,537,008
XR3A	825,110
HC7SK	705,812
LU9MBY	687,939
ZV5A	613,664

21 MHz

ZD8Z	3,481,925
PZ5DX	1,031,316
KH6/WB6OKK	810,662
IQ4C	808,288
YZ1AU	802,692
ZP6XR	798,966

14 MHz

PYØFM	3,202,242
KP2A	2,255,250
CT3DL	1,894,165
V26AS	1,589,650
YW1A	1,498,500
P43A	1,341,920

7 MHz

PJ9U	1,120,995
TI1C	1,108,140
9M8R	1,077,440
S5ØA	680,732
HG1S	502,128
XQ8ABF	482,400

3.7 MHz

VP2EC	478,674
IG9/IV3TAN	320,235
YW5P	247,835
9A1CRT	205,308
FS/KH8AL	200,788
UN2L	189,699

1.8 MHz

IR4T	67,811
PA3DFT	64,296
F6EZV	61,460
LY1DR	56,644
DL/UA2FJ	44,870
S52CD	41,160

LOW POWER All Band

NP4Z	4,907,448
D3X	3,708,666
FM5DN	3,404,064
VP2EJ	3,358,929
LRØN	2,197,420
EA7CEZ	2,121,693
9X5/VE3MJQ	2,099,791
5U7Y	1,595,713
LU8ADX	1,574,280
V31JU	1,453,576

28 MHz

LU3MAM	608,125
4X1VF	595,500
EA8AKN	557,091
LW2DBM	542,340
EA8IN	489,818
LU4FCZ	463,478

21 MHz

EA8CAL	464,942
UA4LCQ	420,444
ZP5XYE	400,520
YC3SPS	372,240
II6I	355,586
9A5Y	331,584

14 MHz

5L2PP	1,989,144
PP5JD	692,335
XE3RKK	441,378
L20U	424,190
YV4DSB	415,811
S58FA	402,936

7 MHz

CT3BD	222,360
T99W	104,784
RW9AB	90,712
RA3WA	65,751
UTØU	61,410
S51QZ	47,488

3.7 MHz

CM3ZD	91,212
T94NE	84,372
IQ5Q	60,716
S51NM	55,692
OK1FPS	47,982
LZ1DM	46,020

1.8 MHz

HA8EK	36,780
OZ3SK	28,334
DF9LJ	12,818
UR7CA	11,070
SP5CJQ	9,810
DL5MFL	8,096

QRP All Band

NP2Q	733,164
EA3AX	247,280
AA2U	186,826
YU7ØKN	154,971
EA1GT	152,656
OK1DKS	147,800
N1AFC	121,800
N4PYD	117,300
YU1LM	114,924
EA6SK	114,075

ASSISTED All Band

P4ØW	11,224,877
TM2V	2,969,375
IR8A	2,731,908
OM5A	1,966,860
N3AD	1,915,305
ZS94F	1,890,350
K5NA/2	1,879,548
SM3JLA	1,873,400
DL6ET	1,825,084
K3WW	1,818,000

MULTI-OPERATOR SINGLE TRANSMITTER

HC8A	17,946,512
VP2E	11,284,488
IQ4A	9,589,200
VP5Y	9,455,605
9G5TL	9,438,750
6D2X	8,625,804

MULTI-OPERATOR MULTI-TRANSMITTER

PJ1B	40,278,000
J6DX	29,076,783
EA9UK	19,422,748
V26B	17,925,972
LU4FM	15,128,576
ZF2JI	14,341,716

EUROPE

SINGLE OPERATOR HIGH POWER All Band

S59A	3,771,714
GW4BLE	3,677,808
OHØMM	3,262,042
S53EA	3,244,956
DJ4PT	2,812,117
YU7AV	2,747,305
EA4KD	2,641,353
GIØKOW	2,302,140
F6FGZ	2,231,000
OH5NQ	2,156,400

28 MHz

II4A	235,790
S51AY	228,161
I8RIZ	222,456
YU1CV	193,408
Z32JA	133,630
SP5DDJ	111,792

21 MHz

IQ4C	808,288
YZ1AU	802,692
S5ØK	785,312
TM5G	715,644
YT9C	674,560
S58AB	644,004

14 MHz

IT9BLB	1,339,083
9A7A	1,148,928
S53M	955,098
9A1A	850,332
EA5GRC	811,944
SP6YAS	810,414

7 MHz

S5ØA	680,732
HG1S	502,128
S57AL	461,332
YT7A	413,316
S59WA	412,432
OM5M	294,372

3.7 MHz

9A1CRT	205,308
OM3KII	175,716
G3NLY	164,372
S57O	153,545
EMØF	146,202
S5ØC	141,600

1.8 MHz

IR4T	67,811
PA3DFT	64,296
F6EZV	61,460
LY1DR	56,644
DL/UA2FJ	44,870
S52CD	41,160

LOW POWER All Band

EA7CEZ	2,121,693
EA1FBU	1,081,262
CT1ENQ	1,054,578
EA3GHQ	1,011,275
LX1KC	1,011,275
EA6ZZ	997,787
S59ZA	935,406
EA3BOX	831,096
S56A	750,469
EA3AII	679,328

28 MHz

OM5FA	234,465
S5ØR	214,491
HAØUZ	191,400
EA7FTR	129,428
CT1ERK	96,516
LZ2RS	95,238

21 MHz

UA4LCQ	420,444
II6I	355,586
9A5Y	331,584
GI4SNA	305,383
S51QA	271,627
S57J	233,616

14 MHz

S58FA	402,936
GIØUJG	348,588
S52OT	269,080
UR4LUG	208,240
RN3QO	195,849
S57U	187,330

7 MHz

T99W	104,784
RA3WA	65,751
UTØU	61,410
S51QZ	47,488
IK5WWF	44,897
F5BEG	38,016

3.7 MHz

T94NE	84,372
IQ5Q	60,716
S51NM	55,692
OK1FPS	47,982
LZ1DM	46,020
UR7TZ	34,980

1.8 MHz

HA8EK	36,780
OZ3SK	28,334
DF9LJ	12,818
UR7CA	11,070
SP5CJQ	9,810
DL5MFL	8,096

QRP All Band

EA3AX	247,280
YU7ØKN	154,971
EA1GT	152,656
OK1DKS	147,800
YU1LM	114,924
EA6SK	114,075
SP8EEX	111,800
OH5NHI	106,106
UT1WA	96,426
UR3MP	74,104

ASSISTED All Band

TM2V	2,969,375
IR8A	2,731,908
OM5A	1,966,860
SM3JLA	1,873,400
DL6ET	1,825,084
DJ2YA	1,792,464
DL3KDV	1,751,520
OH6WZ	1,536,712
OH1AA	1,467,975
EA3BT	1,167,234

MULTI-OPERATOR SINGLE TRANSMITTER

IQ4A	9,589,200
CT5P	7,454,250
OT4T	7,408,370
TK5EL	6,981,478
LZ9A	6,965,805
TM1C	6,620,096

MULTI-OPERATOR MULTI-TRANSMITTER

EM2I	11,631,675
GØKPW	11,128,343
HG73DX	10,594,944
UU5J	9,979,003
OT4A	9,378,342
IR3R	9,128,847

USA

All Band

K1AR	3,400,317
K5ZD/1	3,254,700
N4RJ	2,671,885
K3ZO	2,397,434
N6BV/1	2,216,445
N6AR/4	2,016,000
N2IC/Ø	1,916,640
K5MR	1,865,210
W9RE	1,819,323
N2LT	1,809,370

28 MHz

KE5FI	97,300
KC2X/4	83,167
N4BP	66,833
W4YV	60,120
K9LA	25,288
KC4YM	21,808

21 MHz

K4JPD	368,596
N4CT	211,133
K3ZJ/8	193,732
WA2QNW	100,793
K8OQL	98,651
WB5UDX	87,136

14 MHz

KM1H	866,598
K2ZJ	379,674
W5WMU	312,417
K9JF/7	303,167
K6HNZ	292,446
K8GL	239,316

7 MHz

K6NA	233,105
KC7EM	187,758
N6RO	150,876
W3GH	147,015
K9RN	145,676
KVØQ	142,177

3.7 MHz

W6RJ	184,926
WE3C	122,087
KO1F	111,090
W9LT/8	98,882
W4PZV	75,319
WA4CTA	62,500

1.8 MHz

K1ZM/2	13,970
W2VO	5,160
N7DD	4,407
W2FCR	3,159
KØCS	2,820
WT8N	2,304

LOW POWER All Band

K2SG	921,714
KD2NT	523,450
AA4GA	508,014
K7GM/4	495,216
KØEJ/4	486,304
KQ3V	459,680
WS1A	414,990
N6WLX/8	399,336
KR4GJ	395,568
K2AZ	383,152

28 MHz

KD4LAN	57,288
KC3PZ	38,718
K9LA	25,288
N5OKR/3	22,814
WB2BZR/3	20,069

21 MHz

KO9Y	100,894
NI5M	99,876
AA5ZQ	56,240
NW7Q/Ø	48,960
KE2WE	46,269
K4HRB	43,575

14 MHz

N4MO	158,118
K2QMF	129,066
N7RO	118,584
W5FO	99,441
WA6KUI/4	99,384
WF1L	99,008

7 MHz

W9CH	30,702
N1XZ	19,558
AD8J/3	8,976
WW3S	7,742
WA6WPG	7,585
K4LDR	6,426

3.7 MHz

W1MK	13,664
WA2ASQ	5,040
AJ9K	364

1.8 MHz

NOØY	902

QRP All Band

AA2U	186,826
N1AFC	121,800
N4PYD	117,300
KB7VD	93,744
N8CQA	85,444
KA1CZF	68,400
KIØG	43,290
WB6JMS	39,600
NM1Q	16,200
N8AXA	15,288

ASSISTED All Band

N3AD	1,915,305
K5NA/2	1,879,548
K3WW	1,818,000
K2WK	1,647,138
KØRF	1,532,760
WX4G	1,457,132
WB2NQT/4	1,259,466
AA3B	1,168,695
W1NG	1,163,184
KS3F	1,081,164

MULTI-OPERATOR SINGLE TRANSMITTER

KC1XX	3,897,504
K4ISV	3,714,070
N2NU	3,713,150
K1NG	3,239,453
K5XI	3,135,600
N3RS	3,090,936

MULTI-OPERATOR MULTI-TRANSMITTER

W3LPL	9,106,024
N2RM	8,776,464
K3LR	6,101,142
W4MYA	4,819,885
KY1H	4,287,360
N4ZC	3,546,400

WS3V, N8WDA, WA9PMO, N9XJU, W9ZMR. **NCØP &** KZØC, KFØH, WAØETC, WAØFLS, WDØGVY, WØØV, WRØG, NØAMI. **KBØWY &** Others. **NU2W &** KB2HZ, KF5FK, KE2JR. **NXØI &** NØBIW, KØRWL, KMØL. **OE1A:** OE1TKW, OE1OPW, OE1MCU, OE4BKU. **OE2S:** OE2CHN, OE2JYL, OE2EJN, OE2GDN, OE2LCM, OE2MON, OE2MRN, OE2SCM, OE2VEL, OE2VLN. **OE3R:** OE1KYW, OE3KLU. **OE3V:** OE3GBB, OE3GEA, OE3NBW, OE5MKM, OE5VBL.

OH1BV & OH1NCE. **OH2M:** OH1JT, OH2HE, OH2IW, OH2JA, OH2MAM, OH6CT, OH6EI. **OH3NE:** OH1KAG, OH3CV, OH3LQK, OH3MMH, OH3NLP. **OH7X:** OH4LTK, OH6LNI, OH7MHL, OH7MS, OH7WV. **OH9AR:** OH9VC, OH9NL, OH9RJ, OH9MBS. **OK1KQJ:** OK1AY, OK1CM, OK1MR. **OK2KBA/p.** Club. **OK2KDS:** Club. **OK2KET:** Club. **OK2KOD:** OK2WAZ, OK2BDI, OK2BHM, OK2BGR, OK2PID. **OK2RAB:** Club. **OK5W:** OK1TA, OK1WF, OK1WT, OK1AF7, CK1ACZ, OK1JKT, OK1FUT. **OL1WW:** OK1DXW, OK1DFF, OK1ACO. **OM3A:** OM3CGN, OM3DX, OM3GI, OM3RU, OM3TZI, OM8AW, OM8DM, OM8FM, OM9WR. **OM3RDP:** OM3CDZ, OM3WWM, OM3-28773. **OM7M:** OM3PC, OM3TZW, OM3PA, OM3TPV, OM3TNU, CM3TWO. **ON6BR &** ON4ASD, ON4AYL, ON6JN, ON7HW, ON7XN. **ON7UN &** ON1AOT, ON4ACA, ON4AHV, ON4AJW, ON4ALT, ON4AMI, ON5DO, ON6MR, ON6SK, Dirk, Roxa. **OS6AH:** ON6AH, ON4GO, ON6MH, ON6QF, ON9CMB, CN6VL, ON7ZV, ON5FV.

OT4L: ON1AFN, ON4BN, ON4BR, ON4AKL, ON4AST, ON6NL, ON6ZX, ON7WK, ON7YP ON7YT **OT4O:** ON4BW, ON4TX, ON4VV, ON4ZD, ON4ZT, ON6WG, ON7JV. **OZ5EDR:** OZ1EIG, OZ5ABD, OZ5LH, OZ6VG, OZ7AAQ, OZ8NJ, OZ9CM. **OZ9EDR:** OZ1FTE, OZ1FTU, OZ1KRF. **P2ØWW:** P29AH, P29CV, P29KH, P29MO, P29NB, P29PF. **PA3DWD &** PA3AAV, PA3DCD, PA3GHP, PAØCOR, PAØCJW, PAØJMH, PE1LAU. **PA3FNE &** PA3FQK, PA3EYZ, PA3DGM, PAØERM, PE1FZK. **PI4CC:** PAØVHA, PA3BAG, PA3BSQ, PA3EJV, PA3EPD, PA3GIV, PBØAIU, PBØALB. **PI4TUE:** PA3GBV, PA3GFE, PA3GLZ PAØSHY, PE1NEX, PE1PGT, PE1MNL, PE1KEH, PE1PNQ, PE1PEB, PE1OZG, Philippens, Baken, van den Heuvel. **PJ8Z:** KI4HN, KA9FOX, NØBSH. **PT7CB &** PT7BZ, PT7WA, PT7NK. **RKØQ:** UAØQEL, UAØQAS. **RK4WWA:** UA4WA, RW4WA. **RK4YWY:** UA4YGT, UA4-97-273, UA4YJJ.

RK9CWY: RX9CAZ, RA9CJR, UA9-154-2276, RV9CDW, RV9CFY Tavapova. **RK9YXI:** UA9-99-792, RW9YW, UA9YVM. **RS3A:** RA3DUII, RX3AEV, RX3DAZ, UA3-170-79. UA3-170-196, RW5DD, UA3-170-210, RK3AXX, RV3DDZ, ER2CQ, RW3AI. **RW2F:** RAØFA, RA2FA, LA2FB, UA2FF UA2FX, UA2FZ, UA2-125-767. UA2AO, UA2CY, UA2FBR, UA2FFX **RW9OWW:** Zyukov, Natalenko, Nesterenko. **RW9UZZ:** RW9UD, UA9UST UA9UGG, RZ9HG, RZ9HT, RW9USA. **RZ1AYX:** RX1AW, FW6HJV/1, RA1APO **RZ4AYT:** UA4HL, UA4ASE, UA4AIY, UA4ALI, RA4AI. **RZ4WWB:** UA4WGU, RU4WJ, UA4WJF. **SK4AO:** SM4PEL, SM4HFI, SM4OTI, SM4MKF, SM4KSM. **SMØBGM &** SMØATN. **SM3OSM &** SM3SGP. **SM5FQQ &** SM5ACU, SM5CSS, SM5LNE, SM5FLG, SM5INC, SM5FPS, SM5IMO. **SM7PKK &** SM6CAS. **SN6F:** SP6AZT, SP6DLO, SP6DNS, SP6IXF. **SP6YFU:** SP6NVK, SP6OPE.

SP8YDJ/p: SP8DHJ, SP8UFY. **SP9KRT:** SP9ADU, SP9HNB. **SP9ZKN:** SQ9BFR, SP9MQR, SP9RVE. **SQØPKQ:** SP6FER, SP6HAO, SP6VXA. **SV1AFA:** SV1SN, SV1CIF, SC1CIB, SV1CDN, SV1CQG, SV1UK, SV1CQO, SV1CQR. **TA1KB:** TA1CEC, TA1DF, TA1ZE, TA2DJ, TA2IB. **TA2KB:** TA2BB, TA2BW, TA2YA, Oya, "Karacut" (cat). **TK5EL &** DF4RD, DF4TD, DJØMBU, DL5MAE DL5MFT, DL5RAI. **TM1C:** F5NLY, F5SNJ, F6CTT, F6EPY F6FVY. **TM2T:** F5SIH, F5PXT, F5ROP, F5NOD, F1IAP, F1SAA. **TM8A:** F5SSG, F2VX, F5RXL, F5OZF. **TU4EI &** TJ2XZ. **UN5G:** Surov, Gontcharenkc, Salikhov. **UR4PWC:** US-P-221, UT4PZ. **UT7W:** UR5WCW, UR5WAN, UT7WZ. **V31DX:** N6YRU, VE3SLN, KI6IM. **V31MF:** KC5ZT, KØECN, K5AZ. **V47Z:** KU4J, AB4JI, KQ4LC, K4ADK, N4OKX. **V59T:** WAØPUJ, AH9B, NØAFW, N9NS, NH6UY, V51GB. **V7X:** KH6M, KL7Y, KH6HH, AH6IO, AH6H.

VA3SK & VA3PC, VA3MW, KO4OF. **VE2CUA:** VE2DUB, VE2IRL, VE2JNK, VE2OME, VE2MPD, VE2MB VE2ARW. **VE2PZ:** VE2SFY, VE2ZV, VE3OZ, VE2GSX, VE2AUW, VE2JFD, VE2VLL, VE2SEU, VE2OTT, VE2KCB, VE2PFQ, VE2WPZ, VE2SNJ, VE2DZS, VE2AEI, VE2MAM, VE2RRE. **VE3RRH &** VE3FNY. **VE5SF &** VE5CPU. **VE6AO:** VE6NOD, VE6KC, VE6AMR, VE6TZY, VE6AAV, VE6NJK, VE6EX, VE6LNZ, VE6DMD. VE6CIZ, AB6DU, VE6KLO. VE6ONF, VE6GC, VE6RCI, VE6HFW. **VE6FI:** VE6LB, VE6BIC, VE6PY, VE6AQ. **VE6SV &** VE6WQ, VE6NAP, VE5LDX, VO1CV. **VG3EJ:** VA3DX, VA3NA, VE3CDX, VE3EJ. **VG7UBC:** YU4NW, YU4RW, VE7TTQ, VE6CNV, VE7JLB, VE7MSO, VE7HMI. **VK1DX:** VK1PJ, VK1FF, VK1MOJ, VK2ILK, VK2BEX. **VK4MZ &** VK4EMM. **VK4SSB &** VK4BKM, VK4GMH, VK4JV, VK4CRT, VK4STS. **VP2E:** K1DG, KA1XN. **VP5Y:** AE4UF, AC4FT, K4UTF, KQ4GC, N4KE, NF4L, NU4Y, W3ZNB.

VS6FQ & Hayashi, Hiraga, Ishide, Kawatsu, Nakatani, Oba, Tai, Takahashi. **WØOJY:** NØIGP, NSØN. **WØSOE:** NIØS, WXØU, KA8UQN, KDØAY, NØPCL, KBØJCB, WBØWVU, KCØZW, NDØT. **W1BK &** WA1UAR, K1TXH. **W1FM &** N1SOH. **W1FY:** W1/G4EZC, K1AZE, N1LOO, N1JFO, KA1USL, KC1YR, KB2RYU, N1SIIF, AA1TZ, KD1BF, N1FXE, W1EQW, WA1R, KA1HIA, N1MQG, NC1N. **W1XS:** Others. **W2AX/1 &** VE1XT, VE1AL, NA2M, K2LE, K2SX, N2UN. **W3GNQ &** W3ZZ. WR3Z, ND3A, K3SKE. **W3VPR:** KW4T, KE3PT, N3HZU, AA3DI, N3BDW. **W4NC:** N4VHK, WB4KQN, NØKTY, KD4RGB, KC4VIY. **W4NTI &** WA4UYW. **W4PRO &** KQ4MR, KC4EFM. **W6EEN &** KA6SAR, K6XC. **W6REC &** WA6TKV, KN6SO. **W7DK:** AJ7R, N7EAY, N7EPD, N7YGO, W7BUN, W7WA, WA7UQV, WB7AUJ, KA7KUZ, KB7NHD, KC7AVT, KL7BB. **WA7IIM &** WA7OFM. **WA8OSE &** N8JEC.

WB6UTY & AL7F, WL7RA. **WB8G &** ops. **WP2C &** N4FD, W5VL, NT9U, W1UA. **WU3A &** NS2K. **WXØB &** NA5Q, AA5CR, AL7CQ, KD5SP, KI5NE. **XE2DV &** XE2DU, AI7B, N2WEW. **XF4M:** XE1VIC, XE1ILH, XE1IIR, NT2X, AHØW, UA3AB, RA3AUU. **YL1XW:** YL2GNI, YL2GN, YL2GOX, Dimitry. **YO2KBB:** YO2LFP, YO2LIE, YO2LIT. **RK9MXD:** Vlad, Dim. **YO2KJI:** YO2DFA, YO2LGX **YT1AD &** YT1AU, YT1IQ, YU1AO, YU1DX. **YT7P:** Zoran, Alex, Mile, Mira. **YU7AJM:** 4N7TA, Stanislav, Miroslav. **YV5USB:** YV5KKJ, YV5NEC, YV5NQZ, YV5NYS. **ZA9A:** OK1CF, OK1TN, OK2ZW, OM3TPG, ZA1AJ **ZF2MC:** WJ7R, N7MCA. **ZS5HAM:** ZS5NK, ZS5JR, ZS5LA.

STATION OPERATORS
Multi-Op Multi-Transmitter

3DAØZ: K6MC, N6AA, N6ZZ, VK5A, W6XD, ZS6EZ, ZS6NW, ZS6RI. **AA6MC &** AA6KX, AD6E, AEØM, KD6WKX, NØBBS, NGØX NU6S. **DF3OG &** DF1QQ, DJ1FC, DL1YU, DL2YI, DL1DAS. DL1DCJ. **EA9UK:** EA1AK, Gema, EA4KR, EA4KT, EA7IL, EA7TL, EA9AI, EA9AJ, EA9EU, EA9KR, EA9UG. **ED4RCT:** EA4ABB, EA4DYN, Julian, Jose Maria, Patricia, Boajamin, Antonio, Alfonso, Jesus, Eduardo, Rafael, Alfredo, Erik. **EM2I:** UR3IKY. UR5IOK, UT1IA, UT2IA, UT2IB, JT2ID, UT2II, UT2IJ, UT2IM, UT2IO, UT2IZ, LY3IM. **F6BEE &** K3NA, GØJFX, F6BHK, F9IE. **GØKPW:** G4BAH, G3VHB, G7ABQ, G4PIQ. G4BUO, G4BWP, G4VMM, G3NKC, G3LNS, G7BKO, GØUHK, K1XX, GØAEV. GØHSS, G4WFR, G4AFH, GØTCP, GØOZS. Robbie, Adrian. **GØNXL:** GØOFD, GØMPJ, GØTZE, GØSZI, GØFOD, GØPHP. **GB2AVC:** G3RTU, GØSTU, GØRFE, GØPNL, G7KFY, 2E1AAH.

HBØ/HB9AON: DL2YE, DF1JC, DL1EIJ, DL6EAQ, DL8DAW, DL8EAQ. **HB4FG:** HB9AGC, HB9AIB, HB9AJM, HB9ALM, HB9APJ, HB9FAQ, HB9MEC, HB9RNC, I2KMG. **HCØE:** HC1BI, HC1CMN, HC1EA, HC1EVE, HC1GZ, HC1H, HC1HC, HC1HV, HC1JQ, HC6XE. **HG73DX:** HG1S, HG5A, HG6N Crews. **I02L:** I2OKW, K2PHL, IK2JUB, IK2RGT, IK2CWH, IW2HPI. **IR3R:** IK3STG, I3MAU, I3EVK, I3FIY, I3JSS, I3VKW, I3ON, I3QJZ, IK3GES, IK3LMA, IK3ORD, IK3FIT, IK2CEI, I1JQJ, IK1HSS. **J3A:** W8KKF, K6GWO, WA8LOW **J6DX:** ACØS, K9BQL, KU8E, NEBJO, N9AG, W8KTQ, W8OK, W9UI, WA2USA, WBØENR, WD8IXE, WX9E. **JA1YDU:** JHØNZN, JHØLFE, JA9VDA, JRØJFM, JK3GAD, JH5GHM, JF7TFK, JI2UYK, JL1HTK, JJ1CFQ, JJ1DYR, Okazaki, JE1KFX, JL7MYL, JP1CWU, JF1KML, 7L2DGK, JM1UWB, JS1INN. **JA3YKC:** JL3MCM, JL3HFY, JE9GMX, JM3FVL, JG4LSR, JL4CVB, JP3PZD.

JA3ZOH: JI3DPB, JH3PRR, JE3MAS, JG3JEW, JG3KIV, JG3MRT, JG3WDN, JI3OPA, JM3XKG, JH4IFF, JH4NMT, JH4RHF, JR4ISF, JF4FUF, JK4KSD. **JA7YAA:** JE1AMC, JF1CXX, JF1SXL, JJ1CVH, JJ1KQJ, JM1QPR, JQ1VUG, 7M1JAS, JH7UJR, JG7PSJ, JL7LYM, JL7MXK, JRØSPG. **JA7YRR:** JA7CLC, JA7EDY, JA7JUD, JA7LBY, JA7OZW, JH7VHZ, JR7LVA, JJ1XGF, JA7CLX. **JF3ZAK:** JA3BCT, JA3ESG, JE3VRJ, JI3QYW, JN3ILI, JL3DYW. **JH1YHS:** JF1MIA, J7FLB, JR7MZC. **JH5ZJS:** JA5RJC, JA5CJZ, JA5FDJ, JA5JCC, JA5THU, JH5FXP, JR5PDX. **JJ3YBB:** JA3CZY, JA3FHL, JA3LHL, JA3OOK, JA3PJL, JE3TXA, JH1OFL, JH3FBS, JH3FQF, JI3ERV, JJ6OAA, JP3SJH, JR3RIU, JR7OMD, 7J1AHR, Kazu. **JK1ZHH:** JA1LNA, JR3QZS, JE1HXZ, JK1SZX, JA8BGP, 7K2LMR, 7M2MKP. **JR1ZTT:** JE1ATM, JF1LWQ, 7L1XCM, 7K3RSG 7M3ERJ, JJ3PKB, JF4JYE JJ4FYH, JL6MPR, JI7OHM, JFØUUU, JEØBKI, JFØMQX. Hamano, Hiyoshi, Ishiwara, Kamiya, Yoshinaga.

K1RX & NX1F, K1XM, N1HFE, K1MNS, NW1J, K1TR. **K3ANS &** WF3H, N2EA, JH7PKU (KJ5JL), KF2BH, N3RCA, N3UWG, N3IYX, N3JGX. **K3II &** WU3M. **K3LR &** WR3G, N3BJ, VI8L, K8CX, KG8GO, NA3V, NG8D, WC4E, K3GP, N3IDG. **KY1H &** AA1AA, WM1K, KB1W. KB1KE, AA2MF, N1NQD, KM1P, N1RFE, WB1AUV, WA1ZAM. **LTØM:** CE3DPU/LU, LU5MDS, LU5VCG, LU3MM. LU6MFD. **LU4FM:** LU7FYU, LU7FN, LU6FEC, LU5FAO, LU5FDQ, LU1FMS, LU9FDG, LU1FOW, LU9FO, LU6FHL, LU8FJY, LU6FVK, LU8FVS, LU9FEC, LU4FPZ, AZ1FAC, LU1FA, LU7FPI, LU7FW, LU4FGV LU6FIL, LU3FSF. **LY7A:** LY1751, LY3BBC, LY3NDA, LY1946, LY2FN, LY1FW, LY2BMX, LY2NX, LY2UF. **N2RM &** N2AA, K2TW N2NT, KZ2S, WM2H, KA2AEV, N2BCC, W2GMA, N4HY, TG9AJR, N4HY. **N4ZC &** AA4SQ, AD4WQ, KD2LII, KD4V, N4ROL, WØZV, WA4UNZ, WB5M, WZ3Q.

NE3F & K3ATO, NT3V, NZ3G. **NK7U &** NI7T, KG6LF, N7BZ, AA7TF, W7ZRC. **NM3K &** N3HTZ, WY3F, N3ISH. **NQ4I &** WI4H, KI4XO, KS4Q, K4BAI, K4MZU, KM4HH, N4UVW. KF4CI, KA1WE, WP2A. **NY2Z &** KB2OBB, N2XTX, KB2OBF, N2UOD, N2XUC, N2LYZ. AA2KC. **OS4CLM:** ON4AGV, ON9CYL, ON7GS. **OT4A:** DL1EK, DL2HWO, DL2KMS, DL3EBM, PA3BUD, ON1AFI, ON1AFF, ON1AHC, ON1ARZ, ON1AW3, ON1BOI, ON1CIM, ON1GL, CN2ACC, ON2AIC, ON4BI, ON4D3, ON4FG, ON4FI, CN4HY, ON4MV, ON4ON, ON4QQ, ON4AID, ON4AIL, ON4AKV, ON4ALC, ON4AML, ON4ASB, ON4ATW, ON4AWU, ON4AWV, CN4BDJ, ON5CD. ON5DH, ON5OT, ON5SH, ON5SY, ON5UM, ON6DN, ON6ML, ON6MR, ON6OW, ON6PU, ON7AW, ON7LX, ON7NB, ON7SF, ON7SS, ON7TK, ON7VU, ON7YZ, ON9CGB, ONL2309, ONL4ØØ3, ONL6975, ONL9529, ONL953Ø, ONL9536.

PI4COM: PA3ALP, PA3BWD PA3DMH, PA3ERC, PA3EWP, PA3FQA, PA3GBQ, G4YSD/PA. **PJ1B:** K2SB, K2SS, K3EST, KB2XZ, N3ED, N7ZZ, W3UM, WA3LKO. **RU6L:** UA6LO, UA6LV, UA6NP, UR5IBG, UT2IW, RA6LW, UA615Ø-11Ø3, UA6-14Ø3. **SN6O:** SP6DVP, SP6TPF, SP6GCU, SP6CYX, SP6LUV, SP6IHE, SP6SNT, Bujakiewicz, SP-23Ø22-DP. **SN9T:** SP9HVV, SP9HWN, SP9IEK, SP9JZT, SP9IAR, SP9LAS, SP9MZS, SP9VEJ. **UU5J:** UB7-Ø67-2, UT7CR, UU1JA, UU2JQ, UU2JX, UU2JZ, UU3JD, UU8JJ, UU3JW, LU4JCX. UU5JR UU5JW, UUØJM, UUØJX, UY7CW. **V26B:** KA2AEV, WA2UDT, AB2E, N3ADL, N3BNA, K3MQH, WT3Q. **VE7ZZZ:** VE5FN, VE6RA, VE5WI, VE6UX, VE7CV, VE7DJS, VE7EMF, VE7MN, VE7PTT, VE7RBL, VE7SK. VE7TCP, VE7VX. **VG9DH:** K2NJ, NR2H, VE1GJ, VE2ZP, VE9BM, VE9DH, VE9DW, VE9DX, VE9IW VE9WH, VO2AC.

VP5R: N2VW, K2TD, WB2YOF. **WØAIH &** NØAXL, AAØOD, KØFVF, WB9EEA, AA9D, KØEA. **W3LPL &** KA1GD, K1RZ, WR3E, W3EKT, N3GB, KZ3H, N3KTV, AI3M, KF3P, K3RA, N3RR, KP4XS. **W3MM &** WB2P. **W4IY:** KA4RRU, KO4FM, WD4KXB, AC4XT. KJ4VG, WB4NFS, WB4RDV, KE4CWJ. **W4MYA &** W4DR, AD4TS, WU4G, N4EHJ. AD4KF. WA4PGM, KI4GM, AC4OE, KD4JXY, WB3D, WA4DAI, KD4KYS, KD4KYQ. KC4ZRH, WA4ROV, KG4W KC4AUF, KD4VOZ, Vicky. **W7RM &** AA7NX, WA6BXH, KI6FE, WB7SRW, N6TR, NV7F, K5MM. **W8IQ &** WD9INF, KF8K WA8SAE, N8AAT, N8ABL, KB8IKJ, KB8PBT. **WA2C &** N2BIM, N2TTP. **YU7ØL:** YU1ØO, YU1ML, YU1OFE, YZ1GD. **YY3A:** YV3BXH, YV3CTE, YV3FNI, YV3FNE, YV5MMA/3, YV3BXW, YV4EUJ/3, YV33KC. **ZF2JI:** K4IIF, N6DLU, N6LL, N7QQ, W9NQ, KJ6HO, KJ4WH, K1KNQ. **ZM2K:** ZL1AIZ ZL2AMI, ZL2AGY. ZL2TT, ZL2AHC, ZL2BHS, ZL2IQ ZL2IR, ZL2DX, ZL2BSJ, ZL2MF, ZL2AL, ZL2TLC, ZL2TIQ, ZL2UDF.

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk before a call indicates low power. Certificate winners are listed in boldface. (All country terminology reflects the DXCC list at the time of the 1994 contest. The 1995 contest will reflect political changes since that time.)

SSB RESULTS
SINGLE OPERATOR
NORTH AMERICA

UNITED STATES

K1AR	**A**	**3,400,317**	**1982**	**135**	**468**
K5ZD/1	**"**	**3,254,700**	**2016**	**127**	**443**
N6BV/1	**"**	**2,216,445**	**1636**	**107**	**398**
W2SC/1	"	1,779,152	1350	110	385
K1KI	"	1,125,774	961	110	332
W1WEF	"	827,970	814	93	293
KA1DWX	"	556,842	573	79	275
K1EFI	"	474,138	547	76	242
W1KRS	"	445,596	569	61	223
AK1N	"	358,020	368	89	251
KB1GW	"	260,253	404	64	179
K2AJY/1	"	208,658	276	67	222
KV1W	"	158,389	310	45	142
W1OP	"	148,780	336	77	173
			(Opr. <1PLX)		
NO1J	"	73,950	162	46	104
K1VSJ	"	59,856	174	33	95
N1QVM	"	52,526	147	42	92
K1HMO	"	30,030	111	36	69
W1FJ	"	26,100	115	30	70
KM1H	**14**	**866,598**	**1663**	**39**	**155**
			(Opr. KQ2M)		
WA1MKS	"	722	18	8	11
KT1T	"	494	16	6	12
KD1F	**3.7**	**111,090**	**445**	**23**	**82**
***WS1A**	**A**	**414,990**	**564**	**71**	**219**
***WE6G/1**	**"**	**377,907**	**533**	**78**	**231**
*KA1ILG	"	341,864	521	69	214
*K5FUV/1	"	296,055	438	65	190
*KR1KM	"	271,422	348	69	237
*WØMHK/1	"	189,429	319	60	173
*AA1EY	"	182,120	327	64	168
*WV1C	"	176,580	339	56	162
*WA1S	"	122,486	251	41	141
*N3MLW/1	"	82,597	222	39	112
*K1KJT	"	75,411	200	42	105
*K8JLF/1	"	71,360	179	50	110
*KD1BM	"	56,880	166	44	100
*WA2SCA/1	"	32,890	142	36	79
*KD1TM	"	25,198	115	23	63
*WF1H	"	21,070	98	31	67
*NZ1D	"	7,410	56	16	41
*WA1QXR	"	5,848	50	15	28
*N2LTK/1	"	882	16	8	13
*N9LYE/1	28	880	18	6	14
*WZ1QL/1	21	26,412	143	19	52
*AA1CB	"	9,520	70	16	40
***WF1L**	**14**	**99,008**	**320**	**22**	**90**
*KA1GTR	"	50,100	178	20	80
*K2MN/1	"	1,127	18	8	15
***N1XZ**	**7**	**19,558**	**96**	**20**	**57**
*N1OEG	"	2,442	30	12	21
***W1MK**	**3.7**	**13,664**	**101**	**16**	**45**
N2LT	**A**	**1,809,370**	**1225**	**123**	**412**
N2BA	**"**	**1,794,180**	**1263**	**117**	**393**
AA2GQ	"	849,816	781	90	317
W2HPF	"	762,615	726	101	304
WA2VYA	"	729,068	755	84	278
WA2ASM	"	564,318	666	76	245
N2MR	"	465,972	558	77	232
KE2VB	"	424,620	511	79	236
N1CC/2	"	404,829	535	71	208
WB2RAJ	"	330,867	444	74	217
KC2Q	"	271,432	358	78	218
KB2POP	"	254,250	394	68	182
KB2SE	"	176,364	310	61	152
WB2YQH	"	170,464	300	64	160
WB2MWW	"	167,580	323	50	140
K2DM	"	160,071	267	66	163
K2MP	"	125,772	251	52	136
AE2T	"	125,518	647	56	138
WA2ABN	"	115,000	236	60	140
WR2V	"	101,898	235	45	117
KE2WY	"	74,724	085	47	109
WA2UDT	"	56,631	160	43	43
W2FXA	"	16,653	70	35	56
N2VPI	"	10,205	64	20	45
N2LSK	"	4,230	37	17	28
W2XL	"	3,330	31	17	28
K2EEK	28	17,520	113	13	47
WA2QNW	**21**	**100,793**	**309**	**20**	**99**
W2HG	"	18,796	101	20	54
K2ZJ	**14**	**379,674**	**944**	**33**	**125**
			(Opr. WA2LCC)		
K2MGA	"	168,517	465	27	106
WA2TVS	"	10,980	69	16	44
KZ2I	**7**	**33,320**	**149**	**20**	**65**
AA2LC	"	28,056	125	21	63
K1ZM/2	**1.8**	**13,970**	**117**	**15**	**40**
W2VO	"	5,160	60	14	29
W2FCR	"	3,159	38	12	27
***K2SG**	**A**	**921,714**	**835**	**107**	**340**
***KD2NT**	**"**	**523,450**	**603**	**91**	**270**
*K2AZ	"	383,152	492	74	234
*WB2WPW	"	186,222	301	73	173
*K3FNW/2	"	181,280	330	54	152
*N2PEB	"	163,185	310	52	153
*AA7QZ/2	"	109,470	236	55	150
*NA2A	"	81,829	193	49	124
*W2KHQ	"	76,309	202	33	104
*K2BQW	"	72,000	230	39	105
*K2JF	"	69,630	173	52	113
*KA2CDJ	"	68,208	176	55	119
*NA2Q	"	35,451	132	28	73
*W2OMV	"	27,132	115	30	72
*N2NYR	"	17,177	82	28	61
*AA2TB	"	15,130	94	29	60
*KB2DQE	"	13,044	134	40	84
*W2ORA	"	12,367	64	29	54
*WA2RGK	"	11,529	70	25	36
*AA2NU	"	10,437	65	23	48
*K2SWZ	"	9,246	61	25	44
*N2LQQ	"	8,556	62	23	39
*KD2UJ	"	8,040	53	21	39
*K2RO	"	7,535	47	19	36
*AA2UA	"	6,477	54	15	36
*KB2QVJ	"	5,763	47	19	32
*W2LPO	"	4,230	55	17	28
*WB2JFP	"	943	18	10	13
*WB2DVU	"	40	4	2	2
***N2QWR**	**28**	**8,551**	**81**	**12**	**29**
*N2DEM	"	7,084	66	11	33
*N2LDU	"	6,880	67	11	32
*W2KZE	"	4,109	52	11	28
*N2OO	"	2,870	33	9	26
*N2PAE	"	2,627	37	12	25
*N2YCD	"	578	15	5	12
***KE2WE**	**21**	**46,269**	**182**	**20**	**77**
*K2MFY	"	33,672	140	19	73
***K2QMF**	**14**	**129,066**	**360**	**29**	**118**
*WB2ABD	"	13,312	78	17	47
*KA2RGI	"	9,460	67	16	39
*KB2RAS	"	5,458	55	13	28
*W2FGY	7	3,478	41	10	27
*WA2ASQ	3.7	5,040	55	12	28
K3ZO	**A**	**2,397,434**	**1617**	**122**	**411**
W3BGN	**"**	**1,569,355**	**1159**	**119**	**380**
K3MD	"	682,941	707	88	269
KB3TS	"	573,447	644	73	256
K4JLD/3	"	425,292	488	86	246
NY3Y	"	402,480	490	71	241
K3IXD	"	295,098	418	70	204
K3TFJ	"	269,340	380	66	202
AD3Z	"	224,064	292	75	213
N3KR	"	71,284	195	42	100
KB3ACZ	"	61,132	197	32	92
N3QVD	"	39,406	139	41	81
NA3K	"	36,733	135	28	81
W3EVW	"	28,696	225	47	120
N3GBP	"	18,444	81	27	60
K3ATC	"	16,767	69	30	51
KE3FG	"	14,450	76	33	52
KM3D	"	8,084	65	13	30
N3MTU	"	4,316	43	18	34
K3NL	"	2,405	27	16	21
N3HBX	**14**	**232,842**	**559**	**28**	**123**
WA3DMH	"	29,440	170	21	59
NI3I	"	23,162	115	16	42
W3FQE	"	544	14	5	11
W3GH	**7**	**147,015**	**420**	**28**	**107**
W3KHQ	"	18,696	93	20	56
N3EC	"	9,462	61	13	44
WE3C	**3.7**	**122,087**	**489**	**24**	**83**
KC3RN	"	10,290	80	14	42
***KQ3V**	**A**	**459,680**	**533**	**87**	**251**
***WT3W**	**"**	**318,378**	**478**	**77**	**205**
*K3KFD	"	243,651	375	62	179
*NY3C	"	214,368	366	64	160
*W7HKF/3	"	174,870	321	53	148
*N3RW	"	139,956	259	61	153
*N3BCA	"	119,040	252	60	132
*KE3GE	"	61,776	170	44	100
*K3OX	"	30,576	109	39	73
*AA3FY	"	25,938	101	28	71
*KA3AVB	"	14,798	78	30	68
*N3EMA	"	14,442	70	29	58
*WJ3N	"	9,360	55	21	39
*W3TWI	"	7,546	50	16	33
*WA3YTI	"	777	15	9	12
***KC3PZ**	**28**	**38,718**	**180**	**18**	**63**
*N5OKR/3	"	22,814	161	13	48
*WB2EZR/3	"	20,069	139	16	46
***AD8J/3**	**7**	**8,976**	**70**	**14**	**21**
***WW3S**	**"**	**7,742**	**66**	**14**	**35**
*NV3W	"	4,633	47	13	28
*W3CPB	"	1,586	25	10	16
N4RJ	**A**	**2,671,885**	**1705**	**129**	**436**
			(Opr. KM9P)		
N6AR/4	**"**	**2,016,000**	**1300**	**134**	**442**
WZ4F	**"**	**1,295,448**	**1061**	**112**	**350**
AA4S	"	1,077,668	942	107	316
AB4RJ	"	1,068,616	954	111	335
N4UH	"	755,550	742	84	281
K4JTA	"	600,704	636	88	273
W3VT/4	"	573,312	557	100	284
W4WTO	"	525,838	606	82	244
WB4MAI	"	436,971	477	97	242
KE3KL/4	"	405,372	480	80	252
N4XM	"	374,842	429	93	245
K7SW/4	"	188,190	270	76	194
W4ETO	"	180,635	321	69	136
KD4HYT	"	160,530	296	58	156
WB8BMW/4	"	140,298	270	56	145
KC4DWT	"	118,080	264	43	121
WB4VKW	"	95,940	204	50	130
W1ENZ/4	"	95,400	220	46	113
W4WKQ	"	93,019	210	51	116
W4BXI	"	92,939	229	59	128
AC4ZD	"	79,051	190	58	115
WF2G/4	"	58,830	157	47	66
WB4UBD	"	52,644	150	38	85
N4MM	"	39,851	142	32	71
AC4PQ	"	29,904	113	40	72
AA4WX	"	22,750	100	27	64
KR4KL	"	9,300	69	24	36
KR4XM	"	5,355	40	15	36
WB4RDV	"	2,706	30	20	21
W4OGG	"	2,365	53	25	33
KC2X/4	**28**	**83,167**	**336**	**23**	**86**
N4BP	**"**	**66,833**	**313**	**21**	**77**
W4YV	**"**	**60,120**	**275**	**21**	**69**
KC4YM	**"**	**21,808**	**151**	**14**	**44**
K4JPD	**21**	**368,596**	**809**	**29**	**143**
			(Opr. AE6E)		
N4CT	**"**	**211,133**	**532**	**28**	**121**
KR4DL	**"**	**84,196**	**251**	**26**	**99**
WA4QMQ	"	45,920	206	27	82
K4PIC	"	37,976	151	22	72
N4KW	**14**	**194,256**	**516**	**28**	**114**
KØRNZ/4	"	162,112	432	28	108
K4RZ	"	114,554	321	26	101
AC4HB	**7**	**89,789**	**268**	**28**	**99**
K4VUD	"	28,400	167	22	58
KE4BVI	"	25,760	124	20	60
W4PZV	**3.7**	**75,319**	**296**	**24**	**85**
			(Opr. WA4SVO)		
WA4CTA	**"**	**62,500**	**255**	**25**	**75**
W4TMN	"	5,760	55	10	35
W4YDD	"	3,286	52	9	22
AA4MM	**1.8**	**2,244**	**37**	**11**	**23**
W4NL	"	2,240	33	10	22
***AA4GA**	**A**	**508,014**	**604**	**83**	**251**
***K7GM/4**	**"**	**495,216**	**562**	**84**	**258**
***KØEJ/4**	**"**	**486,304**	**611**	**89**	**245**
***KR4GJ**	**"**	**395,568**	**490**	**85**	**243**
*WA4ZXA	"	356,895	444	77	232
*N4GAK	"	214,425	325	56	169
*WB4OMM	"	185,744	302	73	174
*WR4K	"	165,726	270	68	175
*W4DEC	"	103,950	213	63	126
*K4UVT	"	100,440	217	47	133
*KQ4VG	"	100,080	220	53	127
*KO4HA	"	90,720	206	56	124
*KR4IG	"	83,850	174	43	107
*WB4PLA	"	77,973	214	45	96
*KE4BXT	"	76,760	193	42	110
*WA4EMU	"	74,106	195	40	98
*WB4BBH	"	73,738	179	46	115
*W3AZD/4	"	67,156	162	49	114
*K5WTA/4	"	55,300	147	55	103
*AB4KL	"	45,184	170	39	89
*W3TB/4	"	42,681	143	40	83
*KC4JRW	"	23,644	100	27	65
*WB4VIM	"	18,236	81	37	60
*K4FPT	"	14,130	63	36	54
*KC4EJV	"	7,250	50	21	37
*K4KR	"	4,823	42	19	34
*KS4S	"	4,399	37	20	33
*KE4HHZ	"	3,528	32	13	25
*K4NY	"	2,736	25	16	22
***KD4LAN**	**28**	**57,288**	**252**	**21**	**72**
*WB4HFL	"	10,458	94	10	32
*KO4BI	"	8,140	72	10	34
*KE4GWV	"	7,525	68	11	32
*W9CNF/4	"	5,024	59	8	24
*KO4DRN	"	2,204	31	8	21
*KK4FN	"	32	5	4	5
*K2YJL/4	"	3,264	33	10	24
***K4HRB**	**21**	**43,575**	**153**	**21**	**84**
***N4MO**	**14**	**158,118**	**431**	**29**	**117**
***WA6KUI/4**	**"**	**99,384**	**303**	**27**	**96**
*N4YGY	"	84,558	315	19	83
*WA4JUK	"	53,770	205	21	74
*KL7NL/W4	"	51,704	207	22	70
*K4WLS	"	33,652	135	21	73
*WD4CNZ	"	30,240	125	22	62
*K5OTI/4	"	2,800	31	8	27
*K4LDR	7	6,426	53	16	35
K5MR	**A**	**1,865,210**	**1444**	**128**	**359**
AB5YG	"	357,105	485	77	208
N5QDE	"	344,652	429	82	226
K5UA	"	323,565	444	83	182
NJ1V/5	"	186,150	333	81	174
AB5C	"	183,750	291	84	166
KB5ZJ	"	158,598	347	54	124
W5CWQ	"	131,760	246	68	148
N5UPG	"	79,993	185	50	117
W5XD	"	78,323	187	55	112
AB5KD	"	70,844	157	58	62
AB5I	"	53,480	155	52	88
N5WIW	"	35,712	126	43	81
N5OHL	"	32,996	117	41	72
W4RTE/5	"	22,422	93	32	69
WR4NJG/5	"	11,242	66	27	46
KE5FI	**28**	**97,300**	**460**	**24**	**76**
KC5CP	**"**	**21,105**	**126**	**17**	**46**
KF7E/5	**"**	**16,907**	**117**	**15**	**38**
WB5UDX	**21**	**87,136**	**284**	**25**	**87**
W5WMU	**14**	**312,417**	**705**	**36**	**135**
			(Opr. KZ5D)		
KN6M/5	**"**	**232,458**	**559**	**36**	**123**
K5OC	"	93,980	273	28	99
W5EU	**3.7**	**28,160**	**118**	**28**	**60**
KK6IT/5	"	10,314	101	16	38
WF5E	"	2,325	38	11	20
***W5VGX**	**A**	**240,664**	**351**	**82**	**186**
***N5OZB**	**"**	**216,331**	**404**	**65**	**162**
***NN5T**	**"**	**194,886**	**311**	**73**	**170**
*KJ5YM	"	163,710	308	64	150
*AB5HD	"	135,048	266	60	144
*WØVX/5	"	110,028	242	50	123
*N5XUS	"	83,346	202	60	114
*AF5T	"	63,302	173	45	101
*K5ED	"	63,246	190	41	86
*AB5OK	"	12,528	103	30	47
*W5GAI	"	6,556	41	25	39
*KI5PA	"	2,352	29	15	24
*KB7UIS/5	"	1,550	22	13	18
*KB2HW/5	"	1,550	20	13	18
*W5YD	28	714	18	6	8
			(Opr KC5AUG)		
*KC5DUI	"	240	9	5	5
***NI5M**	**21**	**99,876**	**290**	**26**	**97**
*AA5ZQ	"	56,240	218	25	70
*KB5JJB	"	20,304	111	19	53
***W5FO**	**14**	**99,441**	**300**	**30**	**97**
*W5EIJ	"	7,567	67	15	32
W7CB/6	**A**	**725,912**	**908**	**96**	**196**
AI6V	**"**	**619,200**	**707**	**103**	**217**
N6VI	"	462,462	621	96	190
KM6YX	"	385,416	531	92	211
K6VX	"	379,388	500	89	198
W6FSJ	"	257,495	384	87	158
KB6CV	"	206,280	376	69	147
W6TKF	"	195,393	382	68	121
KG6AO	"	146,353	305	63	126
WB6NFO	"	75,040	257	42	98
AB6YL	"	72,846	209	60	82
K6DR	"	64,771	177	51	82
K6YRA	"	50,360	130	41	99
N6ATD	"	50,064	156	43	81
N6HK	"	48,276	163	31	77
N6IEP	"	42,966	134	46	80
W6MVW	"	31,040	130	37	60
KA6BIM	"	21,808	97	36	58
AJ6V	"	8,778	56	26	40
K6NY	"	5,599	53	18	23
KK6C	"	2,079	27	13	14
K6LRN	"	684	15	8	11
WR6O	28	5,735	65	16	15
KC6X	**21**	**64,428**	**374**	**22**	**69**
WB6MZO	**"**	**59,888**	**312**	**22**	**54**
W6KP	"	46,560	273	23	37
W6BSY	"	45,346	206	21	61
K6HNZ	**14**	**292,446**	**852**	**33**	**93**
N6ZS	"	115,196	338	28	96
W6UK	"	43,214	202	26	56
K6NA	**7**	**233,105**	**698**	**33**	**82**
N6RO	**"**	**150,876**	**494**	**33**	**75**
K5KT/6	"	70,455	270	32	73
KN6DV	"	46,288	190	28	60
K5GX	"	36,156	149	29	63
			(Opr. K5RR)		
W6RJ	**3.7**	**184,926**	**697**	**33**	**78**
***WA7BNM /6**	**A**	**368,964**	**522**	**89**	**188**
***WA6IET**	**"**	**366,624**	**456**	**101**	**203**
*KD7EY/6	"	110,505	235	59	100
*K6OHM	"	85,650	220	56	94
*N6JM	"	73,720	139	53	99
*KD6EWT	"	66,548	139	46	85
*AA6EW	"	45,580	156	48	58
*KK6RG	"	41,040	146	49	71
*N6AZR	"	30,652	129	43	54
*KE6UP	"	23,644	113	38	54
*KN6TU	"	18,042	84	36	57
*N6IC	"	15,563	79	31	48
*KI6PG	"	14,840	84	34	36
*W7QJ/6	"	10,764	52	25	44
*W6RFF	"	7,298	53	18	23
*WA8LLY/6	"	3,690	42	16	25
*W6HYK	"	1,953	26	15	16
*KE6AGR	28	6,860	76	13	22
*WA6FGV	"	6,688	73	14	18
*WB6MBF	"	2,538	37	12	15
*AE9F/5	21	22,500	150	19	41
*KU6T	"	16,296	109	17	39
***KN6MV**	**14**	**55,826**	**201**	**28**	**75**
*KM6ZR	"	14,088	91	17	31
*WA6WPG	7	7,585	72	13	28
*N6NF	"	2,240	29	11	21
*N2ALE/6	"	268	10	6	6
N7AVK	**A**	**1,342,752**	**1341**	**131**	**263**
K6XO/7	**"**	**368,220**	**547**	**86**	**169**
WA7KPH	"	312,961	461	72	181
W8AEF/7	"	187,055	335	65	144
WA7IVZ	"	147,805	301	72	133
KS7T	"	130,369	324	44	103
K7ABV	"	101,835	248	49	106
W7QN	"	99,752	235	54	108
KC7UP	"	89,590	226	52	103
K7NPN	"	74,880	253	51	77
N7XS	"	56,406	182	44	75
N7QNO	"	40,658	138	51	63
N7IXG	"	31,066	126	45	53
AA7FL	"	11,560	73	29	31
KI7YO	"	5,175	56	22	23
KB7OLZ	"	744	21	13	11
W7AYY	21	19,494	122	17	40
K9JF/7	**14**	**303,167**	**722**	**36**	**121**
WA7FOE	"	56,144	484	30	86
W7HUY	"	28,576	139	23	53
WG7A	"	22,304	121	21	47
KE7SW	"	13,978	89	20	38
KB7FMW	"	2,250	33	11	14
KC7EM	**7**	**187,758**	**534**	**35**	**87**
KV7S	**"**	**126,985**	**409**	**30**	**79**
AB6ZV/7	**3.7**	**62,160**	**515**	**25**	**45**
N7DD	**1.8**	**4,407**	**133**	**14**	**25**
K7IDX	"	2,728	42	13	18
***N7LOX**	**A**	**131,022**	**300**	**65**	**109**
*W7TSQ	"	83,100	215	56	94
*N7WWU	"	55,545	194	48	67
*AA7FW	"	33,936	125	38	63
*N7XCZ	"	6,893	53	28	33
*W7YS	"	2,170	30	14	17
*KB7KLT	28	882	18	10	8
***WJ7S**	**21**	**41,662**	**210**	**20**	**54**
*N9ITX/7	"	25,063	137	20	51
***N7RO**	**14**	**118,584**	**370**	**30**	**92**
*WS7V	"	25,550	135	22	48
N8II	**A**	**1,794,870**	**1341**	**118**	**377**
K8DD	"	271,950	360	85	209
W8ILC	"	268,932	355	80	212
NT8V	"	265,122	359	71	215
KE8KG	"	207,754	364	60	158
K8MR	"	162,590	278	70	159
K3LT/8	"	155,507	295	64	147
AA8GL	"	126,750	269	64	131
WD8LTM	"	11,652	211	60	146
NR8Z	"	100,093	216	56	125
N8LCU	"	85,160	207	49	111
AA8OT	"	85,440	270	50	110
WR8RUC	"	57,510	170	42	93
AC8W	"	20,868	85	32	62
WD8AUE	"	18,527	78	31	66
N8QWI	"	3,076	63	17	33
K3ZJ/8	**21**	**193,732**	**517**	**26**	**122**
K8OOL	**"**	**98,651**	**362**	**23**	**96**
WC8O	"	22,644	129	18	50
K8GL	**14**	**239,316**	**563**	**32**	**123**
W8TWA	"	142,956	395	29	103
W8SLJ	"	69,978	236	27	82
WB8VPA	**7**	**74,046**	**374**	**22**	**97**
W9LT/8	**3.7**	**98,882**	**425**	**23**	**75**
WT8N	**1.8**	**2,304**	**38**	**11**	**25**
***N6WLX/8**	**A**	**399,336**	**507**	**86**	**242**
*N8FEH	"	192,028	318	75	169
*N8LYM	"	119,416	263	54	130
*WB8UPH	"	118,880	282	47	113
*KB8MBJ	"	116,932	281	47	117
*KC8FS	"	95,025	201	47	128
*KB8IBS	"	85,386	248	37	96
*N8LIO	"	44,000	113	50	110
*K8VW	"	41,630	150	36	79
*KF8VG	"	40,828	146	41	77
*N8WAK	"	28,726	107	41	65
*W8MKO	"	25,650	106	28	67
*N8WOZ	"	24,510	100	33	62
*W8IDM	"	20,800	86	37	63
*KB8ORO	"	16,128	81	32	52
*KB8OED	"	12,489	76	24	45
*KB8OWE	"	10,488	60	26	43
*KG8AL	"	9,100	60	30	35
*KI8O	"	7,173	23	11	12
*KE8NII	28	5,694	55	9	30
*KA8WQL	"	4,719	54	9	24
***WZ8T**	**21**	**19,872**	**111**	**18**	**51**
***AA8FF**	**14**	**59,666**	**250**	**25**	**77**
*N8WML	"	21,630	119	20	50
W9RE	**A**	**1,819,323**	**1286**	**121**	**396**
W9ZRX	**"**	**1,184,309**	**965**	**115**	**346**
KBØC/9	"	300,539	415	75	196
KAØWBX	"	206,976	361	69	155
W9BCV	"	166,625	303	67	148
N9LMU	"	29,052	112	41	67
W9RN	"	28,512	114	37	62
WA9GXH	"	21,228	100	38	49
WE9A	"	20,736	75	44	64
W9BZP	"	9,894	102	17	40

K9LA	**28**	**25,288**	**171**	**13**	**45**
KG9N	"	6,384	58	11	27
KD9ST	**21**	**78,624**	**264**	**22**	**90**
K9BG	"	44,911	170	75	97
K9UQN	"	215	8	5	7
KS9W	**14**	**168,428**	**396**	**32**	**126**
K9CAN	"	140,895	354	33	105
W9OF	"	121,200	291	31	119
WI9H	"	57,860	211	30	87
K9RN	**7**	**145,676**	**335**	**36**	**122**
WA9TPO	"	15,960	90	21	49
K9HMB	**3.7**	**34,265**	**151**	**23**	**66**
KK9V	"	29,400	179	18	57
KR9C	"	8,949	65	18	39
***N9AU**	**A**	**209,271**	**342**	**73**	**164**
*KD9MS	"	36,516	188	20	48
*KJ9C	"	27,861	110	38	73
*K9USH	"	23,370	100	29	66
*WA9CCQ	"	21,230	144	35	75
*KD9WK	"	11,200	68	34	56
*N9ENA	"	6,656	52	19	53
*NØIMD/9	28	3,052	45	9	19
*N9OZM	"	2,440	46	7	13
*WØNWY	"	1,102	23	5	14
*N9THK	"	448	12	6	8
*N3LVO/9	"	280	11	4	6
***KØ9Y**	**21**	**100,894**	**305**	**24**	**98**
***W9JOO**	**14**	**37,037**	**151**	**24**	**67**
*WØCH	7	30,702	139	21	65
*AJ9K	3.7	364	12	5	9
N2IC/Ø	**A**	**1,916,640**	**1450**	**134**	**350**
WX3N/Ø	**"**	**1,372,332**	**1095**	**129**	**365**
KØKX	"	723,792	675	113	295
KØTPF	"	309,969	422	85	194
WBØISW	"	276,149	402	80	191
NØZA	"	222,640	373	72	158
KØIFL	"	200,880	348	61	155
KØGAS	"	160,590	307	65	137
W3GRW/Ø	"	118,664	270	52	111
WØRSR	"	117,808	222	59	140
KEØRO	"	94,518	209	60	117
WAØCLR	"	90,459	220	55	116
NSØB	"	68,623	170	51	112
WAØDCB	"	53,750	164	39	86
WØYA	"	51,186	176	35	79
KØBJ	"	48,068	151	38	64
WWØQ	"	31,790	121	37	73
KØTLM	"	28,987	109	38	63
WØML	"	21,760	100	27	53
WØPPF	"	21,560	109	25	52
WØRXL	"	6,664	55	21	35
WØACT	14	20,336	130	16	46
KVØQ	**7**	**142,177**	**387**	**34**	**99**
KØGT	"	41,302	145	29	78
KJ1N/Ø	"	3,220	39	14	21
KMØJ	**3.7**	**29,592**	**194**	**20**	**52**
				(Opr.	**KBØMK)**
WBØO	"	8,556	87	12	34
KØCS	**1.8**	**2,820**	**48**	**9**	**21**
KYØA	**"**	**2,624**	**46**	**10**	**22**
***ACØW**	**A**	**235,248**	**398**	**64**	**168**
*AAØSQ	"	87,856	227	51	101
*KØCOY	"	56,704	173	39	89
*KØGSV	"	49,896	146	43	89
*NØJHX	"	48,321	156	47	70
*WBØIEL	"	45,457	133	41	90
*KAØCKN	"	8,008	59	22	34
*KFØXV	"	3,888	40	24	30
*WBØGFV	28	8,241	73	12	29
*NØYYO	"	7,421	67	12	29
***NW7Q/Ø**	**21**	**48,960**	**183**	**22**	**80**
*NØØY	1.8	902	21	8	14

ALASKA

KL7IDA	14	34,290	322	14	31
WL7MA	**7**	**39,280**	**425**	**16**	**24**
AL7MX	1.8	1,080	53	5	5
***KL7**					
/N7DF	**14**	**65,065**	**508**	**23**	**32**
*NL7DJ	"	3,400	79	9	8
*AL7FAP	"	209	7	5	6

ANGUILLA

VP2EC	**3.7**	**478,674**	**1766**	**23**	**103**
				(Opr.	**N5AU)**
***VP2EJ**	**A**	**3,358,929**	**3295**	**87**	**326**
				(Opr.	**WB6CJE)**

ANTIGUA & BARBUDA

V26AS	**14**	**1,589,650**	**3685**	**36**	**145**
				(Opr.	**YU1NR)**

BAHAMAS

C6AFT	**A**	**1,647,135**	**2332**	**83**	**232**
				(Opr.	**AA5NT)**
***C6AFV**	**7**	**44,660**	**489**	**11**	**34**

BARBADOS

*8P6CV	A	34,675	217	27	46

BELIZE

***V31JU**	**A**	**1,453,576**	**2598**	**75**	**187**

BERMUDA

*VP9MZ	A	25,088	133	33	68

BRITISH VIRGIN ISLANDS

VP2VF	**28**	**409,360**	**2021**	**24**	**95**
***WA2VUY**					
/VP2V	**A**	**1,209,699**	**2172**	**68**	**189**

CANADA

VO1MP	**A**	**867,900**	**1037**	**72**	**258**
VO1LT	"	3,900	75	11	14
VE1RAA	28	28,672	174	15	49
VE9ST	**14**	**688,688**	**1815**	**31**	**123**
VE1UK	"	326,520	1153	23	97
***XO9SF**	**A**	**184,982**	**501**	**37**	**109**
				(Opr.	VO1SF)
*VE9FF	"	7,440	79	17	31
VE2TJA	**A**	**1,392,960**	**1918**	**91**	**229**
				(Opr.	**WB2K)**
VE2AYU	"	521,360	784	74	206
WJ2O/VE2	"	436,371	1265	50	117
VE2RXA	"	20,580	127	31	53
VG2DR	**7**	**189,678**	**872**	**22**	**79**
***VG2AWR**	**A**	**68,072**	**221**	**40**	**94**
*VE2BOB	"	45,373	199	38	75
*VE2JDR	14	10,600	82	14	39
VX3N	**A**	**741,660**	**1223**	**83**	**199**
VE3PN	"	446,944	413	56	118
VE3ST	"	105,616	244	42	119
VE3RM	**14**	**389,991**	**1074**	**31**	**116**
VA3MM	"	283,551	784	30	111
VE3OTL	"	136,532	505	27	89
***VA3TA**	**A**	**194,038**	**376**	**61**	**160**
*VE3FRF	"	40,000	159	29	71
*VE3DSN	"	22,278	111	37	57
*VE3WDJ	"	6,300	59	19	31
*VE3HX	28	7,760	79	10	30
***VA3WTO**	**14**	**100,366**	**397**	**23**	**84**
*VE3KUK	"	88,692	300	26	88
*VE3IOS	"	18,326	106	21	56
VE4RP	14	25,365	175	23	34
VE5CB	**A**	**138,598**	**518**	**46**	**85**
*VE5AEC	A	6,031	88	18	19
VE6JY	**A**	**237,215**	**410**	**76**	**151**
VE6BMX	"	101,370	454	47	63
***VE6JAV**	**A**	**135,880**	**344**	**65**	**107**
*VE6KRR	"	7,791	92	26	23
VE7IN	**A**	**674,289**	**1303**	**89**	**142**
VE7KD	**"**	**445,140**	**1207**	**66**	**114**
VE7BXG	"	111,500	435	47	78
VF7XO	"	94,500	350	44	82
VE7VR	"	83,200	274	54	74
VE7QO	"	79,386	216	43	88
VG7NTT	**14**	**677,856**	**2322**	**33**	**105**
VD7C	**"**	**538,272**	**1928**	**32**	**94**
				(Opr.	**VE7XR)**
VE7SZ	**3.7**	**150,088**	**1084**	**23**	**50**
VG7CC	"	109,572	827	21	48
***VG7CFD**	**A**	**129,600**	**663**	**42**	**54**
XN9JA	**A**	**45,586**	**526**	**22**	**24**
				(Opr.	**VY1JA)**
VE8KM	14	43,263	288	24	45

COSTA RICA

TI7DBS	**21**	**137,280**	**546**	**26**	**78**
TI1C	**7**	**1,108,140**	**2882**	**31**	**134**
				(Opr.	**TI2CF)**

CUBA

***CM3ZD**	**3.7**	**91,212**	**672**	**16**	**50**

DOMINICA

J73WA	**A**	**1,522,434**	**2367**	**66**	**201**

DOMINICANA

***HI8ROX**	**21**	**106,881**	**717**	**19**	**50**
*HIØA	"	82,151	277	25	88
				(Opr.	HI8LC)

FRENCH ST. MARTIN

FS/KH8AL	**3.7**	**200,788**	**935**	**19**	**82**
*FS/DJ2BW	14	1,040	16	13	13

HAITI

***N2UUX**					
/HH2	**A**	**182,410**	**1045**	**36**	**49**

HONDURAS

***HR1ERL**	**A**	**535,424**	**650**	**61**	**117**

MARTINIQUE

FM5CD	**A**	**1,769,520**	**2559**	**67**	**225**
***FM5DN**	**A**	**3,404,064**	**2847**	**107**	**365**

MEXICO

6E2Z	**A**	**1,140,269**	**2145**	**83**	**156**
				(Opr.	**XE2Z)**
XE1MD	"	126,948	243	70	143
***XE1L**	**A**	**1,228,440**	**2108**	**84**	**196**
*XE1/AA6RX	"	692,400	1355	76	164
***XE2AC**	**28**	**48,369**	**295**	**19**	**50**
***XE3RKK**	**14**	**441,378**	**1817**	**25**	**88**
*XE1BEF	"	26,650	245	19	38
*XF3IMV	"	7,752	159	11	13

MONTSERRAT

***VP2MBA**	**A**	**1,128,582**	**1777**	**71**	**202**
				(Opr.	**W7FP)**

PANAMA

***HP3**	**A**	**164,448**	**533**	**51**	**93**
/KG6UH					
*HP1BTV	"	4,186	115	15	20
***HP1BYS**	**14**	**81,792**	**320**	**24**	**72**

PUERTO RICO

KP4CZ	A	24,115	211	21	32
***NP4Z**	**A**	**4,907,448**	**4240**	**109**	**395**
*KP4RV	"	25,200	300	25	47

ST. KITTS & NEVIS

V44NK	**A**	**271,663**	**1799**	**69**	**148**
V47NS	**14**	**906,066**	**2392**	**30**	**123**
				(Opr.	**W9NSZ)**

ST. LUCIA

J68AK	21	12,296	90	17	36
				(Opr.	W8QID)

ST. MAARTEN

PJ8AD	**21**	**409,372**	**1504**	**23**	**83**
				(Opr.	**KA9A)**
***PJ8CW**	**A**	**265,350**	**866**	**45**	**100**

U.S. VIRGIN ISLANDS

KP2A	**14**	**2,255,250**	**4810**	**38**	**156**
				(Opr.	**KW8N)**

AFRICA

AFRICAN ITALY

IG9					
/IV3TAN	**3.7**	**320,235**	**1150**	**20**	**91**
***IG9**					
/KK6ZO	**A**	**160,545**	**344**	**39**	**126**

ANGOLA

***D3X**	**A**	**3,708,666**	**2679**	**120**	**365**

ASCENSION IS.

ZD8Z	**21**	**3,481,925**	**5535**	**36**	**179**
				(Opr.	**N6TJ)**

BOTSWANA

A22MN	**7**	**402,722**	**1172**	**34**	**88**
				(Opr.	**K8MN)**

CANARY ISLANDS

EA8AH	**A**	**11,400,712**	**6048**	**141**	**484**
				(Opr.	**OH1RY)**
EA8AFJ	**14**	**987,714**	**2102**	**33**	**129**
EA8AM	**"**	**940,644**	**2042**	**31**	**128**
EA8BWW	**"**	**910,910**	**1988**	**33**	**121**
EA8ZS	1.8	9,840	80	8	33
***EA8BXQ**	**A**	**209,898**	**424**	**41**	**128**
*EA8AHB	"	54,252	153	27	105
*EC8AAZ	"	12,338	72	18	44
*EA8AJO	"	5,699	48	11	30
***EA8AKN**	**28**	**557,091**	**1342**	**29**	**112**
***EA8IN**	**"**	**489,818**	**1407**	**26**	**92**
*EA8BGY	"	409,323	989	31	110
***EA8CAL**	**21**	**464,942**	**1282**	**28**	**94**

CEUTA & MELILLA

***EA9AR**	**A**	**326,770**	**551**	**47**	**158**

COMOROS

*D68TA	28	4,296	66	7	17
				(Opr.	JA1IDY)

DJIBOUTI

***J28BS**	**A**	**364,514**	**819**	**44**	**107**
				(Opr.	**F5PHW)**

GABON

TR8/F5JDG	A	22,190	117	32	38

LESOTHO

7P8EB	**A**	**187,340**	**459**	**49**	**96**
***7P8EZ**	**28**	**395,460**	**1138**	**24**	**93**

LIBERIA

***5L2PP**	**141,989,144**		**3104**	**38**	**178**
				(Opr.	**EL2PP)**

MADEIRA IS

CT3DL	**14**	**1,894,165**	**3644**	**36**	**145**
***CT3BD**	**7**	**222,360**	**733**	**21**	**81**

MALAGASAY REPUBLIC

5R8DW	**28**	**146,550**	**659**	**14**	**61**
*5R8DS	A	23,660	135	20	45

MALAWI

***7Q7ZZ**	**A**	**382,000**	**680**	**52**	**139**

MAURITANIA

5T5JC	**A**	**951,660**	**1068**	**78**	**228**

NIGER

***5U7Y**	**A**	**1,595,713**	**2097**	**51**	**206**

NIGERIA

5NØGC	**A**	**4,636,284**	**3524**	**108**	**339**
5NØMVE	**"**	**3,834,656**	**3068**	**112**	**312**
				(Opr.	**ON4AVO)**

REUNION IS

FR5DX	**A**	**6,576,421**	**3834**	**146**	**453**

RWANDA

***9X5**					
/VE3MJQ	**A**	**2,099,791**	**1996**	**90**	**269**

SOUTH AFRICA

ZS94E	**A**	**1,663,200**	**1935**	**87**	**210**
				(Opr.	**ZS6SA)**
ZS6HI	"	107,610	240	46	124
ZS4WD	"	53,312	142	40	96
*ZS4BS	A	24,541	100	33	64
***ZS6AXF**	**28**	**358,701**	**1293**	**24**	**69**

ZAMBIA

9J2HN	**A**	**1,889,170**	**1986**	**93**	**233**
9J2FR	**"**	**1,529,100**	**1762**	**83**	**217**

ASIA

ASIATIC RUSSIA

RK9CWY	**A**	**740,802**	**879**	**74**	**237**
UA9MR	**"**	**726,948**	**805**	**87**	**294**
LA9XEN	"	55,005	206	19	76
UA9MX	**21**	**140,040**	**656**	**22**	**68**
LA6XMG	"	33,000	179	15	51
LA6XL	"	12,806	117	9	29
RZ9UA	**14**	**835,572**	**1744**	**39**	**140**
LA6XCW	"	52,866	120	19	80
RU9CK	**3.7**	**126,854**	**456**	**20**	**71**
UA9CSS	**"**	**117,952**	**450**	**23**	**74**
*RK9CYA	14	25,058	143	20	47
				(Opr.	RA9CKQ)
*RA9XSL	"	13,113	102	10	37
***RW9AB**	**7**	**90,712**	**328**	**21**	**71**
UAØJQ	**A**	**1,841,228**	**2314**	**131**	**281**
UAØWY	**"**	**1,311,487**	**1709**	**91**	**220**
LAØSR	"	309,500	602	80	170
LAØWL	"	37,064	188	27	55
RA1WO/Ø	"	2,329	37	8	9
UAØSMF	**21**	**78,617**	**900**	**23**	**54**
***RAØFU**	**A**	**923,712**	**1589**	**102**	**170**
***UAØFZ**	**28**	**19,530**	**174**	**22**	**40**
***UAØSJ**	**14**	**79,002**	**390**	**30**	**69**

ASIATIC TURKEY

***TA2DS**	**A**	**1,020,624**	**1318**	**58**	**206**

AZERBAIJAN

*4K9W	A	18,094	90	25	58

BAHRAIN

A92BE	**7**	**57,360**	**277**	**20**	**60**

CHINA

BY1QH	**A**	**1,598,376**	**2510**	**100**	**212**

CYPRUS

H2ØA	**A**	**7,618,670**	**4522**	**127**	**463**
				(Opr.	**5B4ADA)**
P39P	**"**	**4,829,243**	**4212**	**95**	**306**
				(Opr.	**5B4AFM)**
5B4YX	**21**	**764,218**	**2036**	**31**	**102**

HONG KONG

VR2KF	**A**	**318,556**	**934**	**68**	**149**

INDIA

***VU2TRI**	**A**	**586,460**	**1127**	**74**	**162**

ISRAEL

4X/OK1JR	**A**	**1,387,750**	**1879**	**50**	**200**
*4X/K6KLY	A	38,036	174	17	37
***4X1VF**	**28**	**595,500**	**1632**	**24**	**101**
*4X6DK	"	193,660	718	20	72
*4X4YM	"	122,322	552	16	58

JAPAN

JH1AEP	**A**	**1,517,232**	**1292**	**138**	**295**
JA1WYQ	"	37,392	132	53	91
JR1GHF	"	12,765	69	27	42
JA1BNW	"	7,752	44	27	41
JA1STY	"	4,503	40	27	30
JH1NXU	"	1,920	28	11	19
JA1MWY	"	912	17	11	13
JA1KVT	**21**	**78,624**	**291**	**29**	**75**
JA1LZR	**14**	**166,725**	**494**	**35**	**82**
***JS1OYN**	**A**	**187,910**	**399**	**67**	**123**
***JA1BUI**	**"**	**134,017**	**305**	**67**	**102**
*JR1MRG	"	107,184	286	54	90
*7J1AQH	"	94,829	248	55	96
*7K3OWM	"	89,434	187	78	116
*7J1ABD	"	84,840	207	56	102
				(Opr.	WAEURY)
*JA1QN	"	63,797	198	46	83
*JG1JQJ	"	43,218	167	46	69
*JA1PCM	"	41,205	124	46	75
*JG1TVK	"	39,424	123	52	76
*JK1LSE	"	34,093	131	44	59
*JK1JIB	"	27,538	103	46	52
*JA7JNF/1	"	23,092	107	41	51
*JR1VLW	"	17,982	80	39	42
*JL1MWI	"	15,085	167	35	70
*JN1FRL	"	13,800	50	15	35
*JJ1NUI	"	12,775	75	26	47
*7N2IIDC	"	11,448	69	32	40
*JH1RMH	"	11,098	71	25	37
*7K2DOD	"	10,855	63	26	39
*JR1CGB	"	7,548	68	20	27
*JL7PVR/1	"	1,104	20	10	13
*JH1JGZ	"	775	18	12	13
***JG1EGG**	**28**	**97,900**	**369**	**28**	**72**
*7L1JHN	"	22,387	128	20	41
*JH1CML	"	21,438	95	23	38
*JA1VVH	"	19,530	121	20	43
*JA1MYW	"	18,837	116	20	43
*JA1AAT	"	17,980	117	23	35
*JE2IFM/1	"	4,838	50	14	27
*7N1IIFK	"	2,462	33	13	21
*JE1HXZ	"	231	11	3	4
***JE1BDC**	**21**	**168,840**	**517**	**31**	**89**
***JF1LLT**	**"**	**103,621**	**355**	**31**	**82**
*JE1VTZ	"	54,153	198	33	66
*JS1KQQ	"	52,532	228	25	67
*JE1XCZ	"	27,690	147	23	48
*JE1UFF	"	18,975	128	18	37
*JQ1BNL	"	18,736	110	19	43
*JA1EJC	"	16,864	112	20	42
*JH1TYU	"	7,446	60	19	32
*JA1JLP	"	6,833	51	16	29
*JL1WZU	"	4,128	41	12	31
*JA1XPU	"	2,610	33	12	18
*JH1AAH	"	1,150	22	11	12
*JR1VNX	"	648	12	36	9
*JD1BIA	"	546	27	6	7
*JA1LBZ	"	150	7	5	5
***JR4PMX**					
/1	**14**	**190,500**	**470**	**39**	**111**
*JA1VBW	"	33,449	144	30	53
*JM1LPN	"	24,568	137	27	47
*7K2GNK	"	18,630	112	23	46
*JE7MAY/1	"	2,816	45	11	21
*JE1LGY	"	1,512	24	11	17
*JA1POS	"	817	20	6	13
*JG1GCO	"	56	4	3	4
*JE1SPY	3.7	3,074	46	12	17
JQ2BJC	A	43,290	151	45	66
JF2PTA	"	14,480	149	33	55
JA2H3K	"	8,768	54	27	37
JE2PCY	"	6,496	46	25	31
JA2JNA	**28**	**45,494**	**212**	**25**	**61**
JA2ADH	**14**	**154,496**	**435**	**37**	**91**
JA2BNN	**"**	**152,110**	**519**	**33**	**73**
JH2HFD	**7**	**41,514**	**152**	**32**	**70**
***JN2AMD**					
/2	**A**	**136,045**	**337**	**57**	**104**
*JA2GHP	"	35,211	149	33	64
*JA2AXB	"	28,272	132	30	46
*JG2REJ	"	19,251	111	29	40
*JL2ICO	"	15,288	76	34	50
*JA2BLJ	"	13,160	70	18	42
*JA2BEY	"	6,264	52	23	31
*JH2WHS	"	3,870	34	20	25
*JA2YAF	"	2,030	23	16	19
				(Opr.	JS3VEX)
*JH2XTV	"	1,904	26	16	16
***JA2IU**	**28**	**22,072**	**137**	**20**	**42**
***JI2UNR**	**21**	**308,022**	**781**	**36**	**107**
*JA2IZA	"	11,501	91	18	35
*JF2PXB	"	3,640	21	7	13
*JA2PEI	"	792	24	11	11
*JM2RUV	"	777	14	10	11
*JM2BHI	"	165	6	3	5
*JA2OJ	14	11,660	83	19	36
***JE2UFF**	**7**	**25,382**	**133**	**25**	**49**
*JF2WXS	"	2,294	25	16	21
***JS2LGN**	**3.7**	**18,914**	**149**	**19**	**30**
JE3HVL	**A**	**180,894**	**406**	**57**	**120**
JN3SAC	**"**	**165,482**	**343**	**67**	**127**
JL3SBE	"	41,624	138	48	73
JA3RR	"	20,235	96	27	44
JF3RHR	"	9,577	69	23	38
JA3XOG	**28**	**44,030**	**191**	**25**	**60**
JR3NZC	**21**	**241,695**	**661**	**35**	**96**
JA3SSN	**7**	**36,134**	**157**	**29**	**60**
***JH3CUL**	**A**	**303,831**	**434**	**95**	**184**
*JF3IJC	"	157,528	316	71	132
*JA3UWB	"	44,067	144	41	70
*JE3UHV	"	23,409	109	35	46
*JI3MVO	"	23,220	118	31	55
*JA3TBT	"	12,450	68	26	44
*JA3IVII	"	10,437	55	27	44
***JR3RIY**	**21**	**144,536**	**467**	**31**	**85**
*JN3DRB	"	139,868	349	36	110
*JA3LEZ	"	32,558	172	21	52
*JA3BBG	"	20,286	123	19	44
*JA3FZI	"	7,693	67	16	33

*JR3CVJ	"	828	14	10	13
*JR3KAH	"	756	18	9	12
*JN3ILI	"	714	14	8	13
*JI3FTZ	14	20 618	140	24	37
*JA3AYX	"	15 753	110	24	35
*JE3KGT	"	1 100	18	10	15
*JF3NLQ	/	10 092	73	20	38
*JA3BCT	"	1 122	23	11	11
JH4UHW	**A**	**1,880,307**	**1562**	**134**	**295**
JA4ESR	"	157 785	339	72	129
JA4DHN	"	15 957	71	37	44
JH4UYB	**28**	**143,100**	**491**	**27**	**79**
JA4JJI	21	476	12	7	7
JG4AKL	**14**	**249,128**	**598**	**39**	**110**
JK4CZO	"	990	26	6	12
***JA4XRN**	**A**	**220,864**	**350**	**79**	**159**
***JL4CMT**	**"**	**114,304**	**300**	**53**	**99**
*JA1XCZ/4	"	54,384	165	48	84
*JA4CZM	"	50,874	140	59	80
*JH4LPY	"	24,104	137	37	55
*JA4HIX	"	18,330	88	40	54
*JA4DAA	"	17,513	103	35	48
*JA4AQR	"	4,141	39	16	25
*JA4ETH	28	7,800	76	15	25
***JK4DBT**	**21**	**35,112**	**146**	**28**	**60**
***JH4JNG**	**14**	**58,504**	**217**	**31**	**72**
*JR4CAU	"	34,400	166	30	56
*JR4GPA	"	32,339	186	26	47
JA5IP	**A**	**130,935**	**254**	**84**	**131**
JA5CKD	**21**	**91,960**	**321**	**32**	**78**
JA5APJ	"	48,505	239	27	62
JA5EXW	**14**	**739,428**	**1529**	**39**	**133**
JA5AF	"	1,034	20	9	13
JH5PWV	7	7,840	58	23	33
*JA5PEE	28	5,184	55	14	22
*JF5FGY	14	4,800	38	19	29
JS6GIM	**A**	**252,705**	**375**	**79**	**176**
JH6AUS	**"**	**226,137**	**654**	**33**	**96**
JA6GCE	"	191,374	349	81	125
JA6WW	"	168,064	308	74	134
JA6YDH	"	47,088	172	41	67
JO6RLB	"	36,924	149	38	64
JF6OJX	**28**	**39,228**	**182**	**25**	**59**
***JA6SRB**	**A**	**104,082**	**242**	**55**	**111**
*JA6QDU	"	39,640	129	41	79
*JF6WTY	"	20,064	91	32	56
*JA6BWH	"	12,920	72	29	39
*JL6ATQ	"	10,944	84	19	38
*JR7HOD/6	"	450	11	9	9
***JH6SQI**	**28**	**57,150**	**240**	**25**	**65**
*JA6WFM	"	55,692	223	24	67
***JH6FHJ**	**21**	**36,348**	**181**	**20**	**58**
*7K3FZU/6	"	17,424	121	23	43
*JK6ISK	"	11,232	82	19	33
*JM6EBU	"	8,688	76	16	32
***JH6EJG**	**7**	**37,350**	**160**	**29**	**61**
*JJ6DGP	"	6,370	52	22	27
*JE6GIU	"	702	21	12	14
JA7BEW	**A**	**699,361**	**881**	**98**	**201**
JR7UOL	"	51,393	179	43	68
JA7FKF	"	30,498	119	39	63
JA7BO	"	2,204	28	14	15
JH7DNO	**21**	**413,695**	**972**	**36**	**119**
JA7FTR	**"**	**286,230**	**738**	**37**	**108**
JA7MSQ	"	183,962	581	34	84
JH7QXJ	**14**	**150,202**	**505**	**35**	**74**
JH7AFR	**7**	**82,812**	**299**	**32**	**69**
***JA7UAP**	**A**	**73,353**	**197**	**57**	**90**
*JH7BMZ	"	34,505	121	38	65
*JG7AMD	"	24,384	103	40	56
*JI7CJM	"	13,284	60	29	53
*JH7FUJ	"	12,372	80	28	41
***JA7OWD**	**28**	**66,155**	**248**	**29**	**72**
*JA7VLI	"	7,224	61	15	29
*JE7DOT	"	5,280	53	16	24
*JA7DOT	21	21,324	140	21	41
*JI7SRA	"	4,000	49	14	26
***JA7DOT**	**14**	**45,356**	**188**	**32**	**60**
*JA7AXP	"	697	15	8	9
*JA7FFN	7	2,940	36	17	18
JA8SCD	**21**	**215,194**	**613**	**35**	**98**
JH8SLS	14	151,984	477	34	78
***JA8EJO**	**A**	**178,400**	**330**	**94**	**129**
*JE8KGH	"	28,100	111	57	63
*JH8UQJ	28	9,048	73	19	33
*JR8UNT	21	4,403	58	11	26
JA9JFO	**A**	**577,016**	**683**	**109**	**223**
JA9CCG	"	105,534	281	52	91
***JA9XBW**	**A**	**225,233**	**375**	**83**	**160**
***JR9NVB**	**"**	**196,168**	**359**	**76**	**141**
*JE9EMA	"	156,420	321	72	126
*JE9LLO	"	34,884	127	41	67
*JA9HDH	"	25,714	111	35	51
*JA9BLD	"	16,380	79	33	51
*JA9DDF	"	14,800	69	31	49
*JH9WSX	"	11,524	74	26	41
*JE9GWM	"	7,830	57	24	34
***JH9VSF**	**28**	**52,752**	**240**	**24**	**60**
***JE9HVF**	**21**	**34,727**	**186**	**24**	**53**
*JH9VJW	"	1,560	20	11	19
*JA9KUG	14	12,480	100	22	30
*JA9XAT	"	192	7	6	6
JA0UMV	**A**	**422,508**	**562**	**90**	**184**
JA0UMV	"	51,559	134	56	83
JA0HYU	"	40,754	129	46	83
JA0QNJ	**21**	**467,019**	**1145**	**36**	**111**
JH0FUW	**7**	**57,816**	**226**	**31**	**68**
JA0JHA	**3.7**	**115,584**	**508**	**28**	**56**
***JF0SGW**	**A**	**136,416**	**350**	**65**	**103**
*JH0HON	"	73,130	194	49	93
*JH1BXH/0	28	62,810	323	25	73
*JA0GC	"	20,538	124	22	41
*JR0BQT	"	19,411	126	19	40
***JH0EPI**	**21**	**96,192**	**366**	**27**	**69**
*JA0EMS/1	"	82,269	323	27	72
*JA0QWO	"	27,740	143	22	51
*JH0IKC	"	12,446	107	16	33
*JA0CJK	"	4,940	54	14	24
*JH0SGG	"	3,496	32	14	24
*JH0FWV	14	15,168	73	26	53
*JA0QZ	"	459	13	6	11
***JH0MXV**	**7**	**28,126**	**140**	**28**	**54**

KAMPUCHEA

XU7VK	**A**	**601,506**	**1131**	**86**	**196**
				(Opr. HA7VK)	

KAZAKHSTAN

UN2O	**A**	**1,819,033**	**1638**	**102**	**331**
UN7FBQ	21	1,720	46	7	13
UN9LX	**14**	**59,748**	**280**	**20**	**58**
UN2L	**3.7**	**189,699**	**640**	**27**	**84**
				(Opr. UA9BA)	
*UN7FBH	7	5,148	78	9	17
*UN7EFF	3.7	6,732	76	8	26

KIRGHIZIA

*EX2T	7	7,683	75	12	27

KOREA

HL9FC	**14**	**117,480**	**482**	**32**	**78**
***HL5AP**	**A**	**104,719**	**294**	**56**	**101**
*HL5YI	"	12,060	71	28	39
*HL5BXW	21	20,522	112	18	44

LEBANON

OD5PL	**A**	**150,220**	**442**	**33**	**83**
OD5 /OH1NOA	**28**	**45,210**	**476**	**9**	**33**

MACAO

XX9TZ	**A**	**4,049,082**	**4356**	**134**	**359**
				(Opr. OH2BH)	

MONGOLIA

JT1BR	7	6,912	240	10	14

PAKISTAN

***AP2MMN**	**A**	**170,482**	**408**	**55**	**111**

QATAR

A71CW	**A**	**1,417,232**	**1266**	**93**	**311**
				(Opr. SP5EXA)	

SAUDI ARABIA

7Z5OO	A	53,928	240	24	60
				(Opr. K3UOC)	
HZ1AB	**3.7**	**112,012**	**496**	**19**	**63**
				(Opr. N4KT)	

SINGAPORE

***9V1YC**	**A**	**253,099**	**705**	**68**	**141**

SYRIA

VE3UWC /4U	**A**	**1,374,312**	**1456**	**78**	**253**

TAIWAN

BV2FI	**A**	**438,669**	**1387**	**72**	**139**
***BV2CD /T**	**21**	**245,410**	**1343**	**30**	**80**

THAILAND

HSØZBI	**A**	**377,520**	**719**	**72**	**148**

EUROPE

ALAND ISLANDS

OHØMM	**A**	**3,262,042**	**3666**	**118**	**456**
				(Opr. OH2MM)	
OHØNJ	"	91,960	239	49	141

ANDORRA

C31LD	**A**	**146,142**	**312**	**58**	**149**
C31LIA	"	97,200	407	41	103

AUSTRIA

OE3DSA	**14**	**266,325**	**976**	**34**	**125**
OE8KFQ	"	64,600	451	22	78
OE8Q	**3.7**	**90,048**	**931**	**16**	**68**
				(Opr. OE8SKQ)	
OE6CLD	"	65,965	714	14	65
***OE1BKA**	**A**	**58,302**	**245**	**45**	**113**

BALEARIC ISLANDS

EA6ZY	**28**	**56,034**	**416**	**20**	**79**
EA6PZ	**21**	**96,509**	**609**	**23**	**96**
***EA6ZZ**	**A**	**997,787**	**1491**	**75**	**268**
*EA6ZS	"	28,034	179	26	81
*EA6GP	"	1,904	52	9	25
*EA6ACX	28	9,604	94	14	35
*EA6WY	21	4,888	56	12	40

BELGIUM

OS6AA	**14**	**401,187**	**1351**	**36**	**137**
***OS6CQ**	**A**	**140,400**	**587**	**39**	**169**
*OS9CCQ	"	106,920	439	44	136
*ON6CR	"	97,020	310	44	154
*OS4CU	"	32,175	121	36	107
*ON5C7	"	10,854	117	19	62
***OS7BJ**	**28**	**23,120**	**116**	**23**	**57**
***OS5GQ**	**21**	**211,914**	**628**	**36**	**147**
***ON4XG**	**14**	**42,224**	**308**	**17**	**74**
*OS4KRW	"	18,585	240	13	50
*ON4PX	"	9,699	138	11	42

BELARUS

EW4MM	**A**	**426,184**	**998**	**69**	**265**
EW6TU	**14**	**54,782**	**480**	**22**	**69**
***EV1F**	**A**	**104,304**	**460**	**39**	**125**
*EU1EU	"	5,220	82	9	49
***EW1TZ**	**14**	**82,422**	**572**	**28**	**86**

BOSNIA-HERZEGOVINIA

T93M	**14**	**260,648**	**1776**	**30**	**94**
T94DD	**1.8**	**25,850**	**453**	**7**	**48**
*T92X	28	3,565	92	10	21
***T91ENS**	**21**	**176,553**	**1100**	**26**	**91**
***T99W**	**7**	**104,784**	**704**	**27**	**84**
***T94NE**	**3.7**	**84,372**	**928**	**13**	**66**
*T95LSZ	"	3,230	94	5	29

BULGARIA

LZ1BJ	A	45,430	342	26	92
LZ1OR	21	44,352	466	19	55
LZ7G	**14**	**766,080**	**2709**	**38**	**142**
				(Opr. LZ1NK)	
LZ2VP	"	106,030	565	28	87
LZ1V	**7**	**82,700**	**573**	**23**	**77**
				(Opr. LZ3UA)	
***LZ2RS**	**28**	**95,238**	**561**	**26**	**91**
*LZ2GS	"	60,750	210	26	109
*LZ2FN	"	14,198	165	14	48
***LZ1DM**	**3.7**	**46,020**	**661**	**9**	**56**

CROATIA

9A5CW	**A**	**203,225**	**569**	**61**	**214**
				(Opr. F2CW)	
9A7A	**14**	**1,148,928**	**3059**	**39**	**148**
				(Opr. 9A3ER)	
9A1A	**"**	**850,332**	**2168**	**39**	**152**
				(Opr. 9A2EU)	
9A1BST	"	333,914	1192	35	126
				(Opr. 9A2YD)	
9A3NU	"	93,272	449	30	101
9A1CRT	**3.7**	**205,308**	**1492**	**20**	**88**
9A1CRU	**1.8**	**34,776**	**535**	**9**	**54**
				(Opr. OH6XY)	
*9A2ZT	A	12,168	66	31	47
***9A5Y**	**21**	**331,584**	**1144**	**29**	**128**
				(Opr. 9A3LG)	

CZECH REPUBLIC

OK1DIG	**A**	**1,008,159**	**1358**	**99**	**338**
OK2SG	**"**	**416,521**	**607**	**85**	**294**
OK1EP	"	351,577	454	90	293
OK2ABU	"	170,942	454	53	201
OK1AD	**28**	**92,200**	**353**	**29**	**101**
OK1RF	**21**	**597,264**	**1444**	**35**	**149**
OK4FCJ /MM	14	1,736	50	7	21
OK1MM	**3.7**	**124,670**	**1069**	**16**	**75**
OK1JDX	**1.8**	**21,060**	**343**	**8**	**52**
OK1DOT	"	14,450	264	7	49
***OK1KZ**	**A**	**289,428**	**812**	**59**	**208**
***OK1DT**	**"**	**156,240**	**374**	**61**	**179**
*OK1BMW	"	108,580	281	55	189
*OK2DR	"	101,673	260	68	169
*OK2PPM	"	100,164	320	51	157
*OK1AXB	"	69,552	309	41	143
*OK1DS	"	35,926	183	35	107
*OK2ON	"	17,472	136	25	77
*OK2EC	"	14,703	115	26	67
*OK2BXR	"	7,820	109	15	53
*OK2SWD	"	3,432	65	8	31
***OK1FHI**	**21**	**51,179**	**252**	**25**	**87**
*OL6R	"	39,474	238	23	79
				(Opr. OK2PHH)	
*OK2PCL	"	24,735	121	21	64
*OK2SAT	"	22,022	116	26	65
*OK2PTH	"	19,588	120	23	60
*OK2TH	"	14,364	85	24	52
***OK1DTP**	**14**	**67,253**	**495**	**22**	**87**
*OK2TBC	"	56,260	361	24	73
*OK2VVN	"	27,472	319	15	53
*OK1FIA	"	14,718	185	13	53
*OK2BQZ	"	10,557	167	10	41
***OK1IE**	**7**	**22,878**	**170**	**16**	**66**
***OK1FPS**	**3.7**	**47,982**	**661**	**9**	**57**
*OK2BEE	"	20,358	359	8	46
*OK2HI	"	20,176	379	6	46
*OK1UHZ	"	6,808	191	5	32

DENMARK

OZ5EV	**A**	**283,493**	**437**	**80**	**299**
OZ5SIG	"	67,360	302	35	125
				(Opr. OZ1JSH)	
OZ1AXG	"	49,298	136	47	110
OZ5WQ	"	45,423	205	30	117
OZ2RH	"	2,982	29	14	28
OZ5DX	**28**	**35,672**	**201**	**18**	**73**
OZ6AQ	"	5,351	77	15	29
OZ1INN	7	19,337	302	9	32
***OZ7HAM**	**A**	**151,532**	**512**	**52**	**164**
***OZ2ZZZ**	**"**	**145,530**	**428**	**58**	**152**
*OZ1ACB	"	131,670	419	51	159
*OZ8AE	"	37,845	154	39	106
*OZ4IF	"	4,674	40	17	24
***OZ5GF**	**28**	**32,096**	**122**	**25**	**93**
*OZ1FQY	21	2,800	52	10	30
*OZ1HMO	"	920	36	6	17
*OZ1HXC	14	17,892	202	15	48
*OZ6PI	"	13,524	149	14	55
***OZ3SK**	**1.8**	**28,334**	**452**	**9**	**53**

ENGLAND

G/OZ7SM	**28**	**84,100**	**394**	**22**	**94**
G4IUF	"	34,650	110	16	61
G4WTD	**21**	**149,472**	**550**	**36**	**108**
GØKXL	**14**	**230,879**	**971**	**32**	**107**
G3NLY	**3.7**	**164,372**	**1127**	**21**	**88**
***G4KIV**	**A**	**559,200**	**1016**	**82**	**318**
*G6QC	"	114,856	448	36	160
*G3YOG	"	44,548	266	27	121
*G3JKY	"	42,968	290	22	109
*G4NXG/m	"	31,590	161	38	97
*G3RSD	"	13,520	121	20	60
*GØTTM	"	5,184	70	15	49
*GØMRH	"	3,724	59	10	39
*G4OBK	28	864	14	10	14
*GØOXT	21	285	17	4	11
*GØATG	14	17,340	238	15	45

ESTONIA

ES5RW	A	47,593	340	19	72
ES5RY	**1.8**	**39,180**	**621**	**8**	**52**
***ES6PZ**	**A**	**345,666**	**809**	**65**	**253**

EUROPEAN RUSSIA

RA6YY	**A**	**1,639,479**	**2231**	**103**	**308**
RU1A	**"**	**1,488,580**	**1901**	**117**	**409**
				(Opr. RV1AW)	
RA3A	"	1,099,206	1511	109	365
				(Opr. KF2QX)	
RU4AA	"	711,735	1524	72	273
RX3RT	"	41,745	178	24	91
RZ1AZ	"	40,086	246	26	105
RW3QC	**21**	**221,793**	**1070**	**32**	**111**
UA6MZ	**"**	**218,736**	**1122**	**30**	**96**
UA6LAK	"	53,606	320	25	73
UA6LQ	**14**	**331,968**	**1257**	**36**	**132**
UA3PP	"	101,616	601	32	84
RA1AW	"	73,670	457	28	78
UA1CGF	"	31,688	365	12	56
RA4YX	"	27,170	214	24	86
***RU3FM**	**A**	**510,120**	**745**	**95**	**295**
*RA6ABK	"	156,954	450	55	167
*RA3DUT	"	63,240	310	32	138
*RX3DCR	"	44,824	300	30	102
***UA3XIK**	**28**	**53,000**	**305**	**24**	**82**
*UA4ACP	"	7,290	118	12	33
*RA1QEA	"	7,050	108	9	38
***UA4LCQ**	**21**	**420,444**	**1544**	**33**	**120**
*RA3DNC	"	69,743	542	22	75
***RN3QO**	**14**	**195,849**	**941**	**36**	**105**
*UA1CKC	"	59,400	437	22	68
*UA4YJE	"	5,593	88	12	35
***RA3WA**	**7**	**65,751**	**490**	**21**	**80**
*UA3XAL	"	7,242	115	11	40
***UA3AGW**	**3.7**	**17,216**	**222**	**11**	**53**
*UA3LIZ	"	9,016	181	8	38

FAROE ISLANDS

OY1A	A	43,400	285	27	113

FINLAND

OH5NQ	**A**	**2,156,400**	**2087**	**129**	**471**
				(Opr. OH1WZ)	
OH6KIT	**"**	**1,783,047**	**2333**	**92**	**339**
OH1EB	"	176,621	457	55	184
OH4OC	"	105,400	345	50	150
OH5NG	"	43,146	175	39	102
OH1PY	"	2,050	28	15	24
OH1LEG	**28**	**57,195**	**465**	**25**	**98**
OH8MIZ	"	2,490	60	10	20
OH1EH	**21**	**341,820**	**1213**	**36**	**144**
OH6NIO	**"**	**255,872**	**1024**	**33**	**121**
OH5PA	"	28,875	160	24	81
OH6QP	"	19,040	180	16	64
OH3WS	"	16,393	84	23	74
OH2PM	**14**	**520,020**	**1672**	**40**	**140**
OH6IU	"	146,224	732	29	76
OH2BCD	"	9,250	76	18	32
OH3XA	**7**	**37,345**	**280**	**24**	**73**
OH3BZY	**3.7**	**49,634**	**516**	**14**	**69**
OH1MLB	**1.8**	**19,032**	**376**	**7**	**45**
***OH6SU**	**A**	**66,246**	**199**	**48**	**135**
*OH3AD	"	45,890	250	30	100
*OH7NW	"	42,150	239	33	117
*OH3FX	"	21,252	135	22	55
*OH5TE	"	3,983	97	23	59
*OH2RL	"	945	25	11	13
***OH3MFP**	**28**	**24,138**	**207**	**21**	**60**
*OH3KCB	"	15,750	118	17	53
*OH6KTJ	"	7,344	84	13	38
*OH5LZY	"	4,545	49	13	32
*OH2LUN	"	280	28	3	7
*OH6RC	21	11,200	130	11	53
*OH6UP	"	900	27	6	19
*OH2MO	14	18,117	85	15	46

FRANCE

F6FGZ	**A**	**2,231,000**	**2068**	**124**	**451**
F6HLC	**"**	**2,051,348**	**2100**	**111**	**427**
F6AOJ	**"**	**1,015,092**	**1190**	**100**	**382**
F2AR	"	319,144	720	68	260
F6KEQ	"	277,380	518	63	213
F6HNX	"	246,708	515	61	197
F5TN	"	100,048	260	61	147
F6OIE	"	16,770	79	29	57
F5OQJ	**28**	**99,294**	**420**	**26**	**108**
F5HNQ	**"**	**95,082**	**323**	**30**	**108**
TM5G	**21**	**715,644**	**2078**	**37**	**156**
F5LBL	**14**	**337,095**	**1151**	**35**	**130**
F5OHW	"	207,323	775	32	119
F2EE	**7**	**269,000**	**1531**	**28**	**97**
TM7XX	**"**	**258,874**	**1084**	**35**	**119**
				(Opr. F5MUX)	
F5NBX	**3.7**	**53,416**	**450**	**13**	**75**
F6DSV	"	32,060	317	13	57
F5TBA	"	23,504	450	11	42
F6EZV	**1.8**	**61,460**	**785**	**11**	**59**
***F8WE**	**A**	**418,460**	**981**	**71**	**234**
*F2BF	"	182,070	317	72	243
*F6FTB	"	176,384	448	50	162
*F6FNA	"	140,286	415	52	175
*F2RO	"	115,710	364	52	158
*F5RAB	"	108,454	404	46	165
*F5HWE	"	65,248	239	37	132
*F6IJG	"	50,694	205	39	103
*F6DZD	"	50,232	174	44	112
*F5RPB	"	22,776	115	30	74
*F5OEV	"	22,746	79	40	62
***F5TDK**	**28**	**41,004**	**300**	**22**	**80**
*TM2P	"	19,006	117	19	67
				(Opr. F5TCN)	
*F2FZ/P	"	2,584	30	12	22
*FB1OMN	"	612	20	6	11
***F6BVB**	**21**	**92,256**	**438**	**29**	**95**
***F6FUN**	**14**	**38,855**	**217**	**25**	**70**
*F5IYQ	"	20,942	191	17	57
*F9DK	"	14,364	185	12	50
***F5BEG**	**7**	**38,016**	**337**	**15**	**73**

GERMANY

DJ4PT	**A**	**2,812,117**	**2219**	**135**	**484**
DL2NBU	**"**	**2,075,620**	**2088**	**124**	**466**
DJ8QT	**"**	**1,462,225**	**1446**	**113**	**462**
DL8PC	**"**	**1,398,234**	**1256**	**121**	**466**
DL2MEH	"	1,314,474	1585	107	419
DK2XX	"	1,219,942	1403	105	377
DL8UCC	"	662,850	640	113	337
DL2DXX	"	612,018	847	87	276
DL1NCT	"	561,798	860	90	324
DJ8UV	"	526,398	1037	73	281
DF5AN	"	494,145	733	91	304
DL4ABL	"	444,906	931	67	230
DL6DWF	"	441,693	808	91	306
DK5WQ	"	439,920	838	87	309
DL8QS	"	416,938	805	97	302
DL2DN	"	311,376	503	72	240
DL4YBP	"	308,355	537	70	235
DL1BFZ	"	301,940	511	70	240
DK3VV	"	230,976	490	76	212
DF3IS	"	213,348	516	58	216
DL5ZBA	"	180,310	444	59	186
DK4IO	"	172,059	452	54	195
DF9RD	"	167,258	413	56	207
DK1IT	"	150,104	449	52	180
DL6DVU	"	146,575	452	54	151
DL8U	"	143,500	361	67	183
DL6NCY	"	141,750	310	66	184
DK5MV	"	123,750	264	55	170
DJ3HJ	"	118,440	503	45	143
DF5NF	"	114,027	391	44	155
DL4DCC	"	112,996	405	48	164
DF5BX	"	105,248	413	45	163
DF3TE	"	101,970	310	44	154
DJ2UU	"	100,405	343	46	169
DL2ECZ	"	87,474	344	36	147
DL6KVB/p	"	84,822	294	53	158
DK3DM	"	83,390	272	46	109
DJ6DO	"	81,590	380	43	156
DL5KBC	"	74,108	300	45	146
DL8CTG	"	73,620	257	42	138
DL3DBY	"	72,900	338	38	124

DL2YAK	"	60,840	253	47	109
DL7ZR	"	52,548	145	42	109
DL8LEO	"	23,552	150	31	153
DL3IV	"	23,326	206	22	85
DL9XW	"	14,157	118	24	75
DF6JC	"	12,240	87	25	60
DL1GGK	"	10,626	77	18	59
DL3DCY	"	7,910	96	19	51
DF9FS	"	7,384	81	20	51
DL7UHD	"	6,063	105	22	43
DL2ASK	"	2,794	43	16	33
DK3KD	**28**	**55,328**	**225**	**19**	**93**
DL7URH	**"**	**46,410**	**200**	**23**	**82**
DK1QH	**21**	**151,670**	**607**	**31**	**114**
DL3BRA	"	63,240	265	27	93
DJ5LA	**14**	**418,110**	**1415**	**34**	**120**
DK8FO	**"**	**336,632**	**1101**	**40**	**141**
DL/UA2FM	"	222,144	856	35	121
DJ8QQ	"	199,169	774	33	118
DL3KZA	"	96,276	661	27	86
DL4DXF	"	21,321	102	20	83
DL8OH	**7**	**226,738**	**966**	**34**	**112**
DL9ZBG	**"**	**117,834**	**940**	**27**	**96**
DL9AR	"	85,644	589	23	94
DL4NAC	**3.7**	**140,184**	**1078**	**22**	**86**
DL3LAB	**"**	**107,304**	**897**	**19**	**83**
DK4QT	"	87,032	820	15	73
DL2DBH	"	20,274	249	9	53
DL1KZA	"	12,650	159	9	46
DL /UA2FJ	**1.8**	**44,870**	**637**	**12**	**58**
DJ4PI	**"**	**21,576**	**383**	**9**	**53**
DL7MAE	"	7,360	180	5	41
DL6ZFG	"	1,560	71	3	27
***DL1MGB**	**A**	**658,050**	**946**	**87**	**323**
***DL6CIA**	**"**	**386,532**	**604**	**81**	**243**
*DK7ZH	"	368,368	634	59	253
*DLØHI	"	337,134	804	54	258
					(Opr. DL2OBF)
*DL8SDC	"	226,092	527	54	185
*DF6CC	"	201,750	648	48	202
*DJ5AV	"	186,615	375	85	176
*DK5DS	"	169,323	464	60	171
*DK7LA	"	154,462	325	58	180
*DL4JYT	"	153,504	489	48	136
*DF2FM	"	144,834	426	54	185
*DL8NBJ	"	120,558	385	52	161
*DI2LSC/p	"	103,740	380	47	163
*DK8TA	"	69,762	400	49	105
*DL1ARK	"	58,233	197	48	177
*DF5BM	"	57,967	190	46	123
*DL8UVG	"	56,610	256	43	110
*DL5PW	"	55,296	196	40	104
*DL4GBA	"	52,938	246	36	117
*DL2RUG	"	51,339	278	25	128
*DL2RXB	"	45,900	194	43	103
*DL3SDN	"	44,020	204	35	107
*DL2HRA	"	38,860	200	37	108
*DL2AMM	"	37,240	215	29	104
*DL6GV	"	31,222	96	49	85
*DL3DRN	"	31,031	143	40	103
*DL1HSR	"	25,419	191	25	86
*DL3ABL	"	24,380	184	28	87
*DL3HWW	"	21,830	156	28	72
*DJ3WE	"	20,394	132	27	76
*DL3YEI	"	17,200	142	19	81
*DL8UAT	"	13,802	76	24	43
*DL3AWJ	"	10,703	72	25	52
*DL2VLA	"	9,204	103	15	63
*DJ6WC	"	6,324	52	37	25
*DL2JRM	"	4,466	50	23	35
*DL8DBA	"	4,264	61	15	82
*DL5ALU	"	2,688	47	10	38
*DL1HSH	"	330	22	5	11
*DL2AKH	"	224	14	4	12
***DLØSG**	**28**	**62,260**	**289**	**24**	**86**
					(Opr. DL6RDM)
*DL3HFA	"	28,391	131	25	63
***DJ9ZB**	**21**	**74,254**	**285**	**18**	**54**
*DL2SBY	"	56,595	296	25	80
*DL3ME	"	9,179	62	19	40
*DL7YS	"	486	15	5	13
***DF7YU**	**14**	**144,394**	**531**	**33**	**113**
*DL7UBA	"	88,960	454	28	100
*DL3AG	"	49,894	285	26	75
*DJ4JF	"	33,909	241	18	71
*DL2RIJ	"	10,712	174	10	42
*DL9ZWG	"	8,109	142	7	44
*DL1JCW	"	774	44	4	14
***DK5VO**	**7**	**25,174**	**244**	**16**	**66**
*DJØBX/p	"	2,975	80	6	29
*DL8AKA	"	2,220	54	6	31
*DHØDK	3.7	1,050	55	4	21
*DL2DRM	"	504	29	2	16
***DF9LJ**	**1.8**	**12,818**	**210**	**7**	**51**
***DL5MFL**	**"**	**8,096**	**220**	**5**	**41**
*DL2JDS	"	144	16	2	12

GREECE

SV2BFN	**A**	**1,179,221**	**1962**	**95**	**326**
SV3AQR	"	490,152	981	82	230
SV8CS	**1.8**	**23,940**	**347**	**10**	**50**
***SVØAN**	**A**	**95,939**	**347**	**51**	**146**
*SV2YC	"	43,384	191	42	96
***SV2AEL**	**21**	**105,772**	**628**	**27**	**97**
***SV1DET**	**14**	**93,100**	**716**	**21**	**79**

HUNGARY

HA /DL1MAJ	**A**	**256,453**	**432**	**76**	**241**
HA8ZO	"	85,007	242	47	122
HG1S	**7**	**502,128**	**1801**	**36**	**140**
					(Opr. HA1TJ)
***HA8XX**	**A**	**604,116**	**1200**	**86**	**260**
*HAØHW	"	377,440	674	82	255
*HA4GDO	"	199,888	701	55	153
*HA/DK5KJ /M	"	741	34	6	13
***HAØUZ**	**28**	**191,400**	**545**	**34**	**140**
*HC8QB	"	45,120	292	27	67
*HC8LVS	"	36,400	305	23	57
*HA3FT	"	30,732	203	25	53
***HA3MQ**	**21**	**221,238**	**806**	**34**	**119**
*HA6NW	"	49,042	211	27	86
***HA7RC**	**14**	**94,095**	**456**	**27**	**96**
*HA4FB	"	69,696	507	24	75
*HA4YV	"	6,660	106	13	32
***HA4XN**	**3.7**	**20,502**	**398**	**7**	**44**
*HA8AT	"	18,032	308	7	49
*HA4XG	"	13,992	253	6	47
*HA7JDV	"	1,632	72	4	20
***HA8EK**	**1.8**	**36,780**	**594**	**9**	**51**

IRELAND

EI4DW	**A**	**544,320**	**997**	**70**	**266**

ISLE OF MAN

GD4GWQ	**14**	**20,790**	**259**	**13**	**53**

ITALY

IK2VUE	**A**	**1,177,470**	**1515**	**102**	**343**
IK8CHL	**"**	**318,304**	**624**	**84**	**259**
IK8ROB	"	256,080	738	57	183
IK4RVA	"	225,148	392	74	234
II1L	"	110,110	416	55	127
I4CSP	"	105,768	234	55	171
IK3OGL	"	76,479	289	44	115
IK7TTD	"	67,068	355	32	130
II4A	**28**	**235,790**	**797**	**32**	**138**
					(Opr. IK4GNH)
I8RIZ	**"**	**222,456**	**804**	**31**	**125**
II5A	"	103,917	369	28	113
					(Opr. IK5MDF)
IN3XUG	"	47,151	177	30	87
IQ4C	**21**	**808,288**	**1833**	**38**	**178**
					(Opr. I4UFH)
IK4AUY	"	263,172	659	34	148
IKØAPR	"	88,821	280	34	105
I1QBI	"	29,072	170	27	65
IBØC	**14**	**605,556**	**1871**	**37**	**141**
					(Opr. IKØAZG)
IQ6A	**"**	**575,165**	**1652**	**39**	**146**
					(Opr. I6FLD)
I2HVE	"	351,240	1012	37	132
I8NHJ	"	265,686	1034	35	131
IK6QRH	"	63,270	518	22	73
IK7WUE	"	17,219	187	15	52
IV3YYK	**7**	**158,536**	**737**	**32**	**101**
IR4R	"	138,084	883	26	85
					(Opr. IK4ALM)
IK3SSJ	**3.7**	**92,115**	**894**	**17**	**72**
I8UZA	"	81,900	564	22	83
IR4T	**1.8**	**67,811**	**716**	**14**	**69**
					(Opr. I4JMY)
***IV3UHL**	**A**	**657,865**	**1097**	**73**	**304**
***IQ8X**	**"**	**380,328**	**741**	**75**	**243**
*IK2XYI	"	273,360	691	56	216
*I1RB	"	232,832	487	62	210
*IØKHP	"	197,537	476	58	193
*IK3OYY	"	193,550	397	60	185
*IN3KTT	"	192,278	559	58	196
*IO7G	"	189,060	410	63	211
					(Opr. IK7NXU)
*K6RHT	"	144,228	420	56	182
*IK2RVY	"	137,925	507	65	160
*IK2ULV	"	128,160	296	66	174
*IØVQV	"	112,662	262	60	138
*IØLTX	"	109,002	251	56	156
*IK2RPE	"	102,212	343	49	153
*IK2WZV	"	85,838	338	41	126
*IK5MEQ	"	67,193	166	48	155
*IK8IFW	"	64,902	252	46	128
*IK2REA	"	61,650	305	37	113
*IKØWRB	"	35,860	213	32	106
*IV3WHL	"	34,749	102	45	98
*IK3X7X	"	31,970	154	39	100
*IK1PMV	"	17,978	113	32	69
*IK2UJU	"	17,472	101	29	62
*I5NXO	"	15,838	108	31	67
*IK2QCF	"	11,850	80	29	46
*IK4CBM	"	6,204	136	16	17
*IK8VOX	"	377	11	6	5
***II6I**	**21**	**355,586**	**1278**	**35**	**119**
					(Opr. IK6GZM)
*IK2OLJ	"	28,260	160	23	67
*IK6XGS	"	6,732	75	13	38
*IK4RSK	"	1,575	42	8	17
***IK4LZH**	**14**	**186,202**	**728**	**34**	**123**
*I4AFO	"	123,352	516	32	104
*IKØWEL	"	44,590	336	19	72
*IN3IKF	"	15,772	254	10	54
*IK1DVL	"	15,050	157	19	51
***IK5WWF**	**7**	**44,897**	**323**	**45**	**94**
*IK1XHU	"	6,848	135	9	47
***IQ5Q**	**3.7**	**60,716**	**612**	**16**	**70**
					(Opr. I5VXG)

LATVIA

YL2LW	**A**	**243,846**	**620**	**61**	**218**
YLØA	"	190,988	500	61	205
					(Opr. YL2KL)
YL2PJ	"	21,939	131	30	73
YL3CW	**21**	**558,092**	**1778**	**33**	**133**
YL2GD	**14**	**71,158**	**545**	**22**	**72**
YL2JN	3.7	10,094	196	8	41
*YL2EC	A	9,396	88	25	56
***YL3GVW**	**28**	**19,096**	**148**	**21**	**56**
*YL2KF	21	774	29	5	13
***YL2GQT**	**1.8**	**4,092**	**138**	**3**	**28**

LITHUANIA

LY2IJ	**A**	**1,485,348**	**1607**	**109**	**383**
LY3BH	**"**	**1,196,260**	**1503**	**100**	**330**
LY2OU	**"**	**912,912**	**1418**	**96**	**360**
LY2OX	"	257,520	676	63	227
LY2IA	"	200,405	542	63	206
LY1FW	"	8,784	56	22	39
LY2ZZ	**21**	**486,992**	**1377**	**34**	**142**
					(Opr. LY3MM)
LY1DS	"	18,894	100	22	72
LY1DI	**14**	**87,875**	**702**	**22**	**71**
LY2KM	"	40,629	380	18	69
LY3BX	**7**	**56,472**	**638**	**15**	**63**
LY6M	**"**	**45,448**	**400**	**17**	**75**
					(Opr. LY1DS)
LY2BUU	"	27,288	331	12	60
LY2PAQ	"	3,276	86	6	30
LY6K	**3.7**	**122,696**	**1111**	**17**	**81**
LY1DR	**1.8**	**56,644**	**744**	**11**	**57**
LY2BUG	"	1,764	70	3	25
***LY3BA**	**A**	**639,711**	**1095**	**88**	**299**
*LY1DD	"	122,816	415	49	153
*LY3KB	"	47,120	300	31	124
*LY3BQ	"	11,527	140	18	59
*LY2DQ	"	10,511	127	12	69
*LY2HN	"	4,611	80	12	41
***LY2IC**	**21**	**60,480**	**311**	**28**	**92**
***LY2DM**	**14**	**87,668**	**608**	**25**	**76**
*LY2AE	"	21,056	245	13	51
*LY2BKT	"	12,800	222	11	39

LUXEMBOURG

LX1NO	**7**	**218,694**	**1494**	**26**	**101**
***LX1KC**	**A**	**1,011,275**	**1203**	**98**	**377**
*LX9CPI	"	225,244	868	52	172
					(Opr. LX1EP)
***LX9SW**	**14**	**58,491**	**435**	**20**	**77**
					(Opr. LX1RQ)
***LX1SP**	**3.7**	**21,708**	**351**	**7**	**47**

MACEDONIA

Z32JA	**28**	**133,630**	**841**	**22**	**93**
*Z32KV	3.7	867	37	5	18

MALTA

***9H1DE**	**A**	**225,492**	**769**	**49**	**179**

MOLDOVA

ER5DX	**A**	**450,344**	**914**	**77**	**251**
ER1CW	"	332,760	1113	52	193
ER3MM	28	10,260	83	19	35
ER5Z	**21**	**102,080**	**570**	**26**	**91**
					(Opr. ER5AA)
ER2WD	7	10,441	162	11	42
ER1AA	3.7	10,164	227	7	37
***ER3ED**	**A**	**204,380**	**725**	**50**	**170**
***ER3DX**	**7**	**35,350**	**362**	**15**	**55**

NETHERLANDS

PAØAGA	**A**	**605,166**	**1083**	**78**	**271**
PAØKDM	"	137,712	408	53	175
PAØLUU	"	19,110	92	25	80
PAØCX	21	6,486	66	16	30
PAØIJM	**14**	**227,584**	**1138**	**27**	**100**
PA3DFT	**1.8**	**64,296**	**841**	**12**	**60**
***PA3ELD**	**A**	**237,150**	**519**	**70**	**236**
***PA3EMN**	**"**	**228,516**	**616**	**56**	**222**
***PAØKHS**	**"**	**200,196**	**535**	**59**	**209**
*PA/ZS6IR	"	130,239	268	60	201
*PA2ALF	"	72,846	310	43	128
*PA3GAB	"	50,172	279	31	117
*PAØJNH	"	7,360	76	24	56
*PAØDJ	"	7,280	104	21	59
*PA3FDD	"	3,728	119	25	68
*PA3DWJ	14	4,164	98	10	30
***PAØMIR**	**3.7**	**22,446**	**370**	**7**	**51**
*PA2SWL	"	12,654	213	8	57

NORTHERN IRELAND

GIØKOW	**A**	**2,302,140**	**3000**	**105**	**449**
GIØCUM	"	17,765	191	21	64
***GI4SNA**	**21**	**305,383**	**1302**	**31**	**138**
***GIØUJG**	**14**	**348,588**	**1829**	**29**	**109**
*GIØSAP	"	214,426	1070	22	85

NORWAY

LA1LIA	**A**	**254,044**	**582**	**65**	**236**
LA6MP	"	58,128	236	43	130
LA/AFA	"	51,666	201	42	116
LA4EU	"	18,656	140	29	77
LA1YE	"	6,864	100	11	55
LA6VDA	"	5,304	67	13	39
LA2IR	**14**	**69,482**	**383**	**24**	**74**
LA6IHA	"	31,416	415	10	58
LA7AK	7	4,914	127	6	33
***LA2WHA**	**A**	**117,600**	**422**	**44**	**131**
***LA4MHA**	**"**	**105,343**	**410**	**42**	**107**
*LA2JR	"	62,484	299	39	125
*LA3JDHA	"	57,572	301	121	389
*LA2AD	"	41,588	244	34	114
*LA2ZFA	"	27,940	224	25	85
*LA1ABCA	"	17,721	153	23	83
*LA2GCA	"	15,438	141	23	70
*LA3WEA	"	14,616	147	20	67
*LA9IHA/p	"	8,239	100	17	60
*LA3TR	"	2,014	41	12	26
*LA6CHA	"	1,189	17	12	17
*LA4MJA	"	870	27	6	14

POLAND

SP8NR	**A**	**786,174**	**1011**	**101**	**362**
SP9HZF	"	150,501	533	51	170
SP2JMR	"	122,452	231	76	177
SP4EAK	"	55,338	183	45	93
SP9LDP	"	35,076	170	44	104
SP8GMU	"	18,604	88	29	48
SP9LDI	"	16,160	126	29	72
SP1JRF	"	13,137	64	38	49
SP2DKI	"	13,050	115	27	53
SP3JVA	"	7,296	79	20	44
SP8RQE	"	2,559	83	23	52
SP5DDJ	**28**	**111,792**	**435**	**30**	**106**
SP3EJJ	"	275	7	4	7
SP2PIK	21	5,049	33	18	33
					(Opr. SP2WKB)
SP6YAS	**14**	**810,414**	**1915**	**39**	**159**
					(Opr. SP3RBR)
SP5GRM	**"**	**660,114**	**1919**	**38**	**131**
SP9QMP	"	296,011	1243	40	121
SP5LKM	"	81,774	388	28	98
SP2GNB	"	20,022	225	16	55
SP7DZA	"	13,794	206	11	46
SP3KFI	"	10,846	147	13	45
					(Opr. SP3OEQ)
SP7GIQ	**7**	**216,160**	**1030**	**31**	**109**
SP6YAQ	"	185,103	1048	30	101
SP6CJK	"	81,191	530	29	92
SN3A	**3.7**	**115,128**	**934**	**20**	**84**
SP5ZIM	"	48,230	535	10	70
					(Opr. SP5IUK)
SP5T77	"	37,488	498	14	57
SP5BYY	"	16,820	258	10	46
SP9VFQ	"	14,196	253	9	43
SP5INQ	**1.8**	**26,846**	**419**	**9**	**53**
***SP9UOG**	**A**	**597,700**	**796**	**97**	**333**
***SP7SEW**	**"**	**290,016**	**831**	**61**	**227**
***SP6NIC**	**"**	**284,202**	**777**	**59**	**218**
*SP9HCL	"	214,675	487	63	214
*SP4EEZ	"	172,841	295	93	214
*SP9XZ	"	113,424	330	56	148
*SP9QMF	"	102,432	231	62	202
*SP8GEY	"	102,304	385	42	142
*SP6SOX	"	98,640	369	40	140
*SP7ELQ	"	88,688	259	54	130
*SP2AIID	"	87,438	388	37	140
*SP3IBM	"	69,774	267	42	132
*SP1EOI	"	68,970	264	42	123
*SP9WUF	"	67,832	369	32	107
*SP5IVC	"	59,150	383	24	106
*SP2CXH	"	55,860	260	38	102
*SP1MVG	"	53,342	319	32	117
*SP5JXC	"	47,212	304	23	125
*SP9HQC	"	40,138	273	29	93
*SP9LKS	"	38,056	205	36	106
*SP8FHJ	"	33,082	208	35	84
*SP6FJ	"	30,988	104	40	82
*SP4PBI	"	22,725	171	25	76
*SP3DAH	"	21,412	151	28	78
*SP7GSM	"	19,382	160	23	71
*SP1DSZ	"	17,542	72	37	61
*SP9MAN	"	15,560	147	20	70
*SP9DEM/a	"	15,000	87	34	66
*SP3ZLA	"	14,787	155	17	76
					(Opr. SP3RNP)
*SP9RQH/p	"	14,074	131	48	106
*SP9VEG	"	11,613	56	28	51
*SP9MDY	"	7,739	93	16	55
*SP9HZW	"	4,760	84	28	56
*SP3MY	"	4,235	162	18	63
*SP3FZN	"	4,230	45	15	52
*SP8FER	"	3,256	75	8	36
*SP7LHX	"	2,920	66	12	40
*SP3DGO/a	"	2,720	26	17	23
*SP3CQP	"	2,565	51	13	32
***SP7VCK**	**28**	**31,096**	**162**	**24**	**68**
*SP2QCH	"	24,852	165	21	55
*SP3CYY	"	8,208	64	19	35
*SP9ZD	"	3,520	43	14	26
***SP3KEY**	**21**	**153,180**	**539**	**31**	**107**
					(Opr. SP3HRN)
***SP5RZC**	**"**	**144,124**	**573**	**32**	**105**
*SP3SLA	"	33,263	375	25	83
*SP8NCJ	"	37,855	247	24	67
*SP4AS	"	36,864	225	21	75
*SP4BPH/p	"	31,680	209	22	66
*SP2DEA	"	29,574	185	21	72
*SP9JCN	"	9,514	71	20	47
*SP9FTJ	"	5,916	37	26	32
*SP9EWL	"	1,479	29	11	18
***SP9XLV**	**14**	**43,560**	**372**	**20**	**70**
*SP2WDW	"	33,453	320	19	62
*SP8QUG	"	26,208	126	25	79
*SP8HXN	"	24,614	352	10	52
*SP9MAT	"	18,576	199	14	58
*SP4CUF	"	12,750	221	11	50
*SP6DHH	"	6,432	120	8	40
*SP9EH	"	3,827	73	7	36
*SP9EMV	"	231	15	3	11
***SP5XVY**	**3.7**	**17,983**	**368**	**9**	**40**
*SP4DCR	"	17,056	315	7	45
*SP9HOF	"	11,858	240	7	42
*SP5XMV	"	10,698	189	8	44
*SP9DH	"	2	1	1	1
***SP5CJQ**	**1.8**	**9,810**	**215**	**6**	**39**
*SP3WYI	"	255	16	2	15

PORTUGAL

CT1BWU	**A**	**350,500**	**850**	**58**	**192**
CT1AJO	"	154,208	300	59	185
CT1EDJ	"	68,222	204	41	113
CT1AUW	**28**	**56,628**	**432**	**21**	**78**
CT1UO	**21**	**18,249**	**158**	**15**	**64**
CT1EEN	**3.7**	**62,578**	**624**	**14**	**53**
***CT1ENQ**	**A**	**1,054,578**	**1601**	**77**	**280**
***CT1ELP**	**"**	**554,931**	**892**	**76**	**275**
*CT1BWN	"	67,808	237	43	120
*CT1QF	"	65,440	298	31	120
*CT1AES	"	16,740	80	36	57
*CT1DXA	"	8,001	107	20	43
***CT1ERK**	**28**	**96,516**	**473**	**22**	**104**
*CT1ELF	"	7,095	74	14	29
***CT1ETE**	**21**	**85,890**	**633**	**19**	**86**
***CT1BNW**	**14**	**26,623**	**218**	**15**	**64**
*CT1ACS	"	6,248	102	10	34

RHODES

SV5 /IN3QBR	**7**	**198,592**	**1359**	**21**	**86**
SV5 /IN3ZNR	**3.7**	**126,048**	**945**	**19**	**85**

ROMANIA

YO3RU	**14**	**77,544**	**356**	**30**	**78**
***YO7LFV**	**A**	**543,312**	**1059**	**84**	**252**
*YO2LDE	"	128,843	479	48	173
*YO3JF	"	92,820	345	52	130
*YO8SMM	"	70,152	276	38	120
*YO9FNR	"	37,842	313	25	81
*YO7ARY	"	26,429	212	23	84
***YO5QAW**	**28**	**25,754**	**172**	**23**	**56**
*YO9ALY	"	7,450	91	13	37
*YO7LHR/P	"	3,330	77	7	23
*YO2AOB	"	1,830	37	8	22
***YO7DAA**	**21**	**70,840**	**570**	**27**	**65**
*YO2KJO	"	51,456	350	24	72
					(Opr. YO2ALS)
*YO3AIL	"	44,304	190	25	79

SAN MARINO

T7ØA	**A**	**646,072**	**1749**	**65**	**213**
					(Opr. IKØWIN)

SARDINIA

ISØODV	**14**	**216,820**	**907**	**33**	**115**
***ISØNHT**	**A**	**592,137**	**1005**	**73**	**278**
*ISØLLJ	"	53,960	239	45	137

SCOTLAND

GMØECO	**A**	**682,880**	**1241**	**82**	**306**
GM3BCL	"	258,509	618	54	215
GM4FDM	**14**	**633,096**	**2056**	**38**	**124**
***GMØFET**	**A**	**264,597**	**723**	**67**	**200**
*GMØTGE	"	135,946	597	62	142
*GM4CUX	"	24,921	121	36	81
*GMØSSO	21	1,178	25	7	24
*GM3CFS	14	13,038	214	11	42

SICILY

IT9PZM	**A**	**1,736,300**	**2214**	**99**	**386**
IT9YXO	**21**	**108,102**	**462**	**27**	**102**
IT9BLB	**14**	**1,339,083**	**3411**	**39**	**168**
***IT9ABY**	**A**	**233,801**	**470**	**71**	**218**
*IT9AJP	"	124,396	312	57	170
*IT9ZYT	"	74,052	340	36	117
*II9IGN	"	70,875	269	45	130
*IT9ESZ	"	12,920	83	22	73
***IT9NVA**	**28**	**25,915**	**295**	**19**	**54**
***IT9RYJ**	**21**	**201,831**	**886**	**30**	**117**
***IT9STG**	**14**	**44,737**	**461**	**17**	**66**
*IT9LTA	"	19,890	119	20	65

SLOVAK REPUBIC

OM6X	**14**	**708,216**	**2013**	**39**	**145**
					(Opr. OM5DX)

OM3CWS	'	207,900	865	34	98
OM5M	**7**	**294,372**	**1405**	**31**	**117**
OM3KII	**3.7**	**175,716**	**1444**	**21**	**87**
			(Opr. OM3EI)		
***OM3PQ**	**A**	**207,936**	**450**	**72**	**216**
***OM3YX**	**"**	**178,542**	**582**	**49**	**185**
*OM3TEW	'	164,400	525	55	185
*OM6TX	'	110,048	530	34	147
*OM3TY	'	36,300	214	23	87
***OM5FA**	**28**	**234,465**	**824**	**31**	**116**
*OM7PY	'	8,732	79	17	39
***OM6RM**	**14**	**29,082**	**322**	**15**	**59**
***OM5KM**	**3.7**	**30,566**	**485**	**9**	**53**
*OM3CAB	'	9,592	215	6	38

SLOVENIA

S59A	**A**	**3,771,714**	**2968**	**141**	**537**
S53EA	**"**	**3,244,956**	**3110**	**130**	**442**
S51AY	**28**	**228,161**	**864**	**32**	**119**
S50K	**21**	**785,312**	**1887**	**37**	**157**
S58AB	**"**	**644,004**	**1767**	**36**	**142**
S50M	'	105,732	478	26	106
S53M	**14**	**955,098**	**2284**	**39**	**168**
			(Opr. S52ZW)		
S57DX	**"**	**599,280**	**1819**	**39**	**137**
S59I	'	417,051	1515	32	117
S50A	**7**	**680,732**	**2170**	**37**	**132**
S57AL	**"**	**461,332**	**1722**	**33**	**131**
S59WA	"	412,432	1772	32	117
S57O	**3.7**	**153,545**	**1126**	**21**	**86**
S50C	**"**	**141,800**	**1202**	**16**	**84**
			(Opr. S55OO)		
S59KW	'	110,430	1004	16	74
S53DCM	'	75,680	740	16	72
			(Opr. S57AD)		
S57BZD	'	47,710	724	10	55
S52CD	**1.8**	**41,160**	**677**	**8**	**52**
***S59ZA**	**A**	**935,406**	**1200**	**101**	**370**
***S56A**	**"**	**750,469**	**925**	**105**	**362**
*S53CAB	"	468,936	863	81	270
			(Opr S53MM)		
*S59AA	"	435,435	693	89	288
*S51WA	'	310,377	555	75	262
*S51FA	'	230,139	520	65	208
***S50R**	**28**	**214,491**	**694**	**31**	**128**
*S59ZZ	'	70,672	292	28	84
***S51QA**	**21**	**271,627**	**981**	**34**	**115**
***S57J**	**"**	**233,616**	**735**	**34**	**123**
*S54A	"	219,462	754	33	125
***S58FA**	**14**	**402,936**	**1337**	**33**	**130**
*S52OT	'	269,080	1060	33	122
*S57U	'	167,330	851	32	111
*S58WW	'	179,620	849	32	108
*S57W	'	162,960	790	30	110
*S53DX	'	29,165	214	14	49
***S51QZ**	**7**	**47,488**	**332**	**24**	**82**
***S51NM**	**3.7**	**55,692**	**752**	**10**	**58**
*S51VW	1.8	3,234	99	4	29

SPAIN

EA4KD	**A**	**2,641,353**	**2343**	**132**	**479**
EA7DHP	**"**	**943,164**	**1207**	**84**	**285**
EA2KL	**"**	**513,890**	**743**	**74**	**261**
EA3CCN	'	281,808	444	74	235
EA5FDS	'	196,032	648	50	142
EA1AJQ	'	156,323	426	53	170
EA1COZ	'	120,696	323	56	158
EA5RC	'	99,302	341	35	110
EA3EMY	'	81,324	280	40	122
EA5AL	'	57,477	285	36	111
EA1CZH	'	50,562	258	34	125
EA1BLF	'	45,120	140	35	126
EA1FGJ	'	34,250	150	37	88
EA3AMS	'	28,544	101	45	79
EA7CJY	"	28,500	159	33	92
EC2BAW	"	24,947	172	24	77
EA1IF	"	22,763	206	22	81
EA1EMZ	'	16,929	142	19	62
EA1FCR	'	14,608	104	25	58
EA5ADC	'	14,294	136	18	64
EA1SP	'	4,264	60	12	40
EA1EVN	'	3,657	56	13	40
EA7GGP	'	198	7	5	6
EA7BA	**28**	**69,992**	**450**	**19**	**85**
EA7FUN	"	33,320	190	19	79
EA5BZS	"	25,560	138	24	66
EA1KW	**21**	**227,640**	**811**	**30**	**110**
EA7EBO	**"**	**129,270**	**416**	**28**	**111**
EC5ACZ	'	9,729	93	16	53
EA5GRC	**14**	**811,944**	**2221**	**37**	**142**
EA5DY	**"**	**724,178**	**2006**	**37**	**136**
EA1YO	'	270,480	955	29	109
EA5RXT	"	94,070	542	26	89
EA5GRP	"	36,248	320	19	73
EA3CUQ	**7**	**68,148**	**405**	**24**	**84**
EA3ELM	**3.7**	**23,052**	**255**	**12**	**56**
***EA7CEZ**	**A**	**2,121,693**	**2248**	**105**	**392**
***EA1FBU**	**"**	**1,081,262**	**1595**	**75**	**263**
***EA3GHQ**	**"**	**1,011,275**	**1171**	**99**	**376**
*EA3BOX	"	831,096	1203	85	303
*EA3AII	'	679,328	910	94	322
*EA1FAD	'	519,750	939	66	264
*EA3FUM	'	501,420	950	82	234
*EA7HBF	'	395,553	1296	51	186
*EA3CKX	'	380,926	656	67	271
*EA3GHZ	'	357,200	680	76	228
*EA1JO	'	353,400	620	70	230
*EA5CIO	'	320,625	475	52	154
*EA7RU	'	307,725	564	62	213
*EA3UJ	'	285,012	667	68	205
*EA7GXD	'	276,920	540	61	219
*EA5EYJ	'	273,304	564	63	205
*EA7TG	'	240,092	745	51	208
*EA1EXU	'	197,635	626	53	182
*EA5AFN	'	196,768	353	64	184
*EA3AJW	'	124,200	352	49	167
*EA1EXB	'	102,483	367	48	145
*EA1AKK	'	98,700	372	46	142
*EA1FBO	"	66,520	316	51	155
*EA1CKL	"	74,088	234	71	118
*EA1AJV	"	71,898	333	34	102
*EA3DVJ	"	70,493	299	36	121
*EA4CWN	"	68,847	242	43	116
*EA1AW	"	64,152	204	48	114
*EA3EAN	"	62,800	200	50	107
*EA3AFW	"	62,244	228	41	115
*EA5CGU	"	60,298	200	42	104
*EA5GMW	"	51,800	205	44	104
*EA7AFM	"	47,085	201	40	89
*EA1DLN	"	44,347	139	35	125
*EA7GBD	"	35,670	105	46	99
*EA1YB	"	35,100	148	33	75
*EA1JJ	"	33,750	197	29	96
*EA3CT	"	33,417	160	38	103
*EA5FWW	"	32,256	111	38	88
*EA5GRT	"	28,024	142	37	87
*EC5CWA	"	27,295	205	22	81
*EA7DVY	"	27,170	121	41	89
*EA7EBL	"	27,140	112	37	78
*EA1EYG	"	24,824	103	30	77
*ED7UCA	"	19,800	124	20	68
*EA5GJT	"	19,565	121	24	67
*EA1EED	"	19,504	125	28	78
*EA5AIK	"	19,311	92	40	83
*EA3FAJ	"	17,480	118	25	67
*EA1AIB	"	14,155	101	25	70
*EA5CRU	"	12,240	79	29	56
*EA4DRV	"	11,340	58	31	53
*EA1WE	"	11,049	115	20	67
*EC1DNG	"	8,865	117	14	48
*EA1FET	"	8,652	69	24	60
*EA3GJO	"	7,085	53	23	42
*EA7AK	"	6,572	48	16	37
*EA4EMZ	"	6,175	65	20	45
*EA3EVR	"	5,586	38	20	29
*EA5EKI	"	4,880	62	15	46
*EA3FXM	"	4,646	67	12	34
*EA4EJR	"	4,600	51	15	31
*EC2ACX	"	3,850	62	12	38
*EC1AGG	"	2,940	63	11	31
*EA3AFD	"	2,204	40	11	27
***EA7FTR**	**28**	**129,428**	**687**	**27**	**104**
***EA1AKP**	**"**	**73,290**	**460**	**21**	**84**
*EA3FCQ	"	64,995	363	23	82
*EA1FFC	"	31,772	184	19	75
*EA1US	"	8,526	90	12	46
***EA7HF**	**21**	**158,085**	**679**	**26**	**109**
***EA1KN**	**"**	**150,084**	**320**	**28**	**105**
*FA5GJW	'	136,010	427	29	116
*EA1BIM	'	58,528	307	28	90
*EC3ACC	'	54,261	370	22	81
*EC3CVA	'	30,876	284	19	64
*EA2LB	'	28,210	144	21	70
*EC3ABU	'	26,390	186	22	69
*EA2AKP	'	21,754	206	17	56
*EC1DKD	'	16,992	184	16	56
*EC4AAI	'	15,264	141	17	72
*EC7DWV	'	14,630	181	15	55
*EC7ABM	"	13,260	143	15	53
*EC2ADN	"	10,812	173	17	34
*EC5ABY	"	8,064	89	15	49
*EC3CMT	"	6,413	86	15	38
*EC1DMQ	"	4,410	65	15	34
*EC4ACS	"	3,344	48	12	32
***EA5TS**	**14**	**110,630**	**544**	**17**	**84**
*EA1AEG	'	44,634	300	18	68
*EA5FEJ	'	14,030	166	12	49
*EA1DFP	'	210	8	4	6
***EA3GJH**	**7**	**35,448**	**329**	**14**	**70**
*EA7HAE	'	3,478	61	8	39
*EA3DNC	"	3,120	60	7	33
***EC3ACW**	**3.7**	**8,084**	**158**	**7**	**40**

SWEDEN

SM5AOE	**A**	**808,535**	**1069**	**100**	**355**
SM6BJI	**"**	**489,346**	**757**	**87**	**290**
SM3BIZ	**"**	**440,340**	**746**	**76**	**282**
SM7RTF	'	50,508	330	32	106
SM7ATL	'	38,307	239	32	49
SM6BWD	'	23,766	195	25	77
SM5OK	'	8,601	81	21	40
SM5CZK	'	8,591	51	28	43
SM3PGN	'	506	20	7	16
SM7WT	**28**	**56,540**	**230**	**25**	**85**
SM5WC	'	19,313	96	23	66
SK4UW	'	3,350	62	10	25
			(Opr. SM4JHK)		
SMØKV	**21**	**179,228**	**630**	**32**	**116**
SM5KNV	**"**	**155,477**	**804**	**28**	**105**
SKØHB	**14**	**207,828**	**1139**	**37**	**101**
			(Opr. SMØTHN)		
SMØLPO	**"**	**184,500**	**1009**	**30**	**93**
SM6DER	'	105,138	651	26	92
SK3IK	'	79,440	430	17	63
			(Opr. SM3DMP)		
SM4AWF	"	11,269	95	11	48
SM7HCW	3.7	2,100	65	5	25
SM6DOI	**1.8**	**37,290**	**563**	**10**	**56**
***SM2DMU**	**A**	**119,184**	**384**	**48**	**160**
***SM7AIO**	**"**	**83,328**	**400**	**34**	**134**
*SMØBDS	"	76,650	320	39	136
*SM3CVM	"	51,100	152	50	96
*SM2IEO	"	41,236	225	30	92
*SKØFR	"	13,750	91	27	83
			(Opr SMØDZH)		
*SM7HSP	'	4,275	65	16	41
*SMØFM	'	3,584	50	37	64
***SM7BHM**	**28**	**27,412**	**173**	**20**	**69**
*SM7SEA	"	7,785	94	12	33
*SK4UW	"	3,360	53	10	25
			(Opr. SM4JHK)		
***SM5BDA**	**14**	**60,606**	**312**	**28**	**89**
*SM4TLZ	'	40,650	446	16	59
*SM6NJK	'	36,000	384	15	60
*SMØMC	'	11,184	83	9	39
*SM6AHU	'	8,413	137	9	38
*SM5GXW	'	3,936	82	6	35
***SM7 /T94BO**	**3.7**	**14,820**	**277**	**7**	**45**

SWITZERLAND

HB9KC	**A**	**132,252**	**295**	**54**	**152**
HB9AAA	**"**	**120,872**	**286**	**65**	**157**
HB9DX	**21**	**25,956**	**99**	**27**	**99**
*HB9AYZ	A	18,400	129	29	63
*HB9QA	'	296	13	7	11

UKRAINE

UX6H	**A**	**1,931,904**	**2472**	**122**	**394**
			(Opr. UX2HO)		
UR7E	**"**	**1,474,424**	**1923**	**109**	**357**
			(Opr. UR5EDU)		
UX4UM	**"**	**693,462**	**1076**	**94**	**324**
US3WO	'	235,476	545	75	204
US9LJ	'	161,400	614	60	140
UY5IE	'	133,980	532	38	172
UT8IM	'	76,446	302	49	137
UR4LCD	**28**	**88,080**	**347**	**28**	**92**
UU2JA	'	10,956	80	16	50
U5WF	**21**	**255,676**	**772**	**35**	**139**
UT7LA	**"**	**196,595**	**848**	**31**	**106**
US9QA	'	30,060	465	14	46
UY5ZZ	**14**	**261,924**	**1228**	**33**	**123**
UXØKN	**"**	**249,754**	**1219**	**35**	**116**
US7W	'	159,305	630	35	116
			(Opr. UY5XE)		
UXØHA	'	129,888	806	29	94
UY4I	'	68,908	498	26	81
			(Opr. US3IZ)		
EN6Q	**7**	**209,040**	**1054**	**38**	**100**
			(Opr. UT7QF)		
UT7ND	'	47,167	371	20	81
UT1PD	'	31,360	340	14	66
EMØF	**3.7**	**146,202**	**1011**	**25**	**93**
			(Opr. UXØFF)		
UT2QT	'	27,669	324	13	56
UT1WZ	1.8	2,482	77	4	30
***UX2VZ**	**A**	**503,170**	**1027**	**81**	**254**
***UR5EAT**	**"**	**438,340**	**940**	**78**	**232**
*UT3IQ	'	121,900	465	46	166
*UT4EA	'	69,020	196	56	147
*UR5IAE	"	14,982	206	13	53
*UR5WHT	"	12,312	141	13	63
*US4LGL	28	34,716	286	21	45
***UT3WW**	**21**	**156,262**	**531**	**33**	**125**
***UR4LCB**	**"**	**64,980**	**476**	**22**	**73**
*UT4MM	'	47,047	333	21	70
*US5ZF	'	33,936	243	24	60
*UT1IF	'	20,716	77	22	54
*UT8IA	'	13,104	146	14	49
***UR4LUG**	**14**	**208,240**	**881**	**33**	**119**
*LS7TJ	"	49,086	501	21	60
*UT1WW	"	19,584	224	15	53
***UTØU**	**7**	**61,410**	**532**	**17**	**72**
			(Opr. UT5UDX)		
*UR5DDZ	'	8,904	154	9	44
***UR7TZ**	**3.7**	**34,980**	**577**	**7**	**53**
***UX2MF**	**"**	**24,282**	**290**	**12**	**59**
*US5ZZ	"	9,071	170	8	39
***UR7CA**	**1.8**	**11,070**	**78**	**5**	**27**
***UR3PDT**	**"**	**8,034**	**229**	**5**	**34**
*UT1ZZ	"	2,016	62	5	27

WALES

GW4BLE	**A**	**3,677,808**	**2984**	**117**	**462**
GWØARK	**21**	**318,400**	**1289**	**35**	**125**
***GW4BVJ/P**	**A**	**111,830**	**420**	**46**	**165**

YUGOSLAVIA

YU7AV	**A**	**2,747,305**	**2901**	**137**	**468**
YU7SF	'	25,920	151	33	87
YU1CV	**28**	**193,408**	**779**	**28**	**100**
YZ1AU	**21**	**802,692**	**1985**	**39**	**159**
YT9C	"	674,560	2100	38	132
			(Opr. YU1IG)		
YU7YZ	"	62,400	480	28	76
YU7KM	'	32,508	235	22	64
YT7A	**7**	**413,316**	**1469**	**38**	**140**
			(Opr. YU7GW)		
4O4D	'	203,050	1076	30	100
			(Opr. YU4FA)		
YTØT	**3.7**	**135,024**	**1115**	**19**	**78**
			(Opr. YU1YV)		
4N1A	**"**	**130,189**	**1101**	**19**	**82**
			(Opr. 4N1DXX)		
4N7ZZ	**1.8**	**34,827**	**606**	**7**	**50**
YZ1MB	'	9,844	207	6	40
***YZ7ØTY**	**A**	**253,421**	**630**	**66**	**211**
			(Opr. YT7TY)		
***4N7ØAL**	**"**	**133,010**	**373**	**61**	**174**
			(Opr. YU7AL)		
*YU1JO	'	75,856	370	34	142
*YU1RA	'	17,199	114	28	63
*YU1PJ	'	14,960	170	17	63
***YU1HA**	**28**	**58,800**	**352**	**23**	**82**
***4N1N**	**14**	**120,776**	**692**	**30**	**94**
			(Opr. YU4NJ)		
*YU1QU	'	31,453	310	15	56
*YU1RE	'	17,766	218	12	51
*YU1FX	3.7	460	25	4	16

OCEANIA

AMERICAN SAMOA

AH8A	**A**	**1,937,988**	**2213**	**97**	**206**

AUSTRALIA

VK5GN	**A**	**2,066,038**	**2067**	**110**	**237**
VK3TZ	**"**	**1,133,328**	**1068**	**116**	**220**
VK2XT	'	123,414	295	46	88
VK2ARJ	**21**	**248,084**	**792**	**29**	**80**
VK5OE	14	3,266	33	17	21
VK3AKK	**7**	**201,977**	**629**	**32**	**77**
***VK3PU**	**A**	**305,136**	**531**	**70**	**138**
*VK3DXI	"	99,040	224	55	105
*VK2SXX	"	32,490	137	39	51
			(Opr. W6AXX)		
*VK4ICJ	28	20,938	130	20	38
*VK6BE	"	2,616	109	8	16
***VK2AYD**	**21**	**105,120**	**412**	**28**	**62**
*VK4QU	'	4,840	43	13	27
*VK3SM	14	9,328	77	21	32

BELAU

KC6SS	**A**	**1,358,006**	**1912**	**82**	**165**
			(Opr. WV5S)		

EASTERN MALAYSIA

9M8R	**7**	**1,077,440**	**2329**	**38**	**122**
			(Opr. W7EJ)		

FRENCH POLYNESIA

FO5IW	**14**	**188,408**	**773**	**32**	**56**

GUAM

NH2L	28	204	34	1	1
KH2V	**14**	**913,017**	**2178**	**36**	**111**
			(Opr. JA8RWU)		

HAWAII

WR6R/KH6	**A**	**3,832,300**	**3453**	**122**	**258**
KH6					
/WB6OKK	**21**	**810,662**	**2533**	**31**	**82**
AH6JR	'	356,592	1375	26	66
KH6FKG	**14**	**313,698**	**1121**	**29**	**69**
K6GSS/KH6	**7**	**95,615**	**515**	**24**	**41**
N6VI/KH6	**3.7**	**150,318**	**835**	**23**	**40**
KH6CC	**1.8**	**9,437**	**190**	**8**	**9**
***KH6**					
/N3KEG	**A**	**140,970**	**458**	**51**	**60**
***WH6COH**	**28**	**149,149**	**705**	**22**	**55**
*NH6YK	'	27,489	216	16	35
***KH6GMP**	**21**	**162,425**	**771**	**23**	**50**

INDONESIA

YB6INU	**A**	**1,094,300**	**1216**	**99**	**211**
YBØASI	'	448,950	712	63	156
			(Opr AA4U)		
YC2EWZ	**21**	**454,966**	**1411**	**29**	**80**
***YC3SPS**	**21**	**372,240**	**982**	**31**	**101**
***YB2PBX**	**"**	**328,040**	**837**	**37**	**81**
*YC3SPS	'	82,944	283	31	77
*YC3BC	'	29,070	190	20	37
*YC5GUT	'	13,224	90	19	57
*YC5JEN	"	6,764	57	17	36
*YB2LAB	14	45,212	183	28	61

NEW ZEALAND

ZL4NF	**A**	**620,379**	**900**	**89**	**154**
ZL2CD	'	176,540	487	57	83
ZL1AAS	**7**	**83,068**	**376**	**29**	**47**
*ZL2NRF	28	5,772	79	11	15

NIUE

ZK2ZE	**A**	**1,348,407**	**1961**	**90**	**153**
			(Opr. LA9GY)		

NORTHERN MARIANAS

WHØAAV	**14**	**471,974**	**1756**	**30**	**64**

PHILIPPINES

DU1					
/OHØXX	**A**	**6,043,500**	**4341**	**138**	**336**
DU1SAN	**14**	**239,772**	**807**	**31**	**75**
4F3GDX	**7**	**76,110**	**454**	**21**	**38**
***DU1SSR**	**14**	**91,924**	**331**	**32**	**66**

WESTERN SAMOA

5W1MM	**A**	**2,065,661**	**2845**	**96**	**151**
				(Opr. JR6FIP)	
***5W1GC**	**A**	**517,583**	**879**	**78**	**133**

SOUTH AMERICA

ARGENTINA

LU8FDZ	**A**	**1,111,504**	**1503**	**81**	**171**
LU8HFG	**"**	**1,017,870**	**1439**	**63**	**159**
LU6ETB		**281,537,808**	**3413**	**32**	**132**
LU9MBY	**"**	**687,939**	**1746**	**29**	**112**
LU2QC	**"**	**594,126**	**2082**	**30**	**87**
LU1WFA	"	518,752	1689	26	90
LU1IL	"	180,044	814	22	54
				(Opr. LU3HL)	
LU3VAO	'	69,384	318	22	62
LU4HKL	21	59,400	310	19	47
LU5FCI	**14**	**680,790**	**1420**	**37**	**128**
LU4MEE	"	249,569	826	29	74
LU1FZR	**7**	**226,611**	**738**	**27**	**82**
***LRØN**	**A**	**2,197,420**	**1834**	**101**	**290**
				(Opr. LU2NI)	
***LU8ADX**	**"**	**1,574,280**	**1525**	**100**	**260**
*LU6AMD	"	892,132	1166	74	194
*LU2FDN	"	489,753	905	57	130
*LU6E[illegible]	"	479,181	788	59	152
*LU2DKN	"	251,082	357	78	183
*LU9JTC	"	23,660	120	32	59
*LU7MAO	"	17,688	122	36	77
***LU3MAM**	**28**	**608,125**	**1649**	**29**	**98**
***LW2DBM**	**"**	**542,340**	**1404**	**25**	**106**
*LU4FCZ	"	463,478	1308	31	91
*LU3HYS	"	460,500	1207	27	103
*LW2DFH	"	409,706	1151	27	94
*LU8FOZ	"	284,736	1006	25	71
*LU1MA	"	265,228	767	27	95
*LR8DY	"	262,539	968	24	59
				(Opr. LU8DY)	
*LU4QJS	"	236,210	725	27	88
*LU3FMR	"	231,291	848	24	69
*LW1DIP	"	206,465	832	21	64
*LU3OJZ	"	89,205	333	22	73
*LW2EOC	"	81,720	394	23	49
*LW4DAZ	"	70,312	358	19	49
*LW8EXF	"	20,294	124	19	54
***LU5MEC**	**21**	**37,733**	**147**	**27**	**70**
*LU1ELY	"	12,936	69	15	22
*LU1OAS	"	984	27	11	13
***LZØU**	**14**	**424,190**	**1134**	**31**	**99**
*LU1ICX	"	211,090	669	27	83
*LU1AEE	7	10,440	65	18	42
*LW1ECO	"	3,168	71	13	23
*LU7ADN	"	782	31	10	13

ARUBA

P4ØE	**A**	**15,048,757**	**7950**	**138**	**503**
				(Opr. CT1BOH)	
P43A	**14**	**1,341,920**	**2841**	**32**	**128**

BRAZIL

PR2R	**A**	**1,172,888**	**1534**	**74**	**197**
				(Opr. PY2KP)	
PY2XB	**"**	**528,878**	**710**	**69**	**190**
PY1LI	"	248,022	528	64	98
PT2BW	"	26,130	101	44	75
PY1TIA	"	3,570	51	16	18
PY4BK	"	1,150	19	8	15
PØØMM	**28**	**1,586,288**	**3239**	**31**	**145**
ZV5A	**"**	**613,664**	**1465**	**30**	**121**
				(Opr. PY5EG)	
PY3OC	**21**	**619,500**	**1615**	**32**	**118**
PY3BD	"	153,884	732	20	53
PS8DX	"	52,020	229	21	64
PS8PY	14	23,660	135	18	47
PS8ET	"	1,026	20	7	12
ZY2E	7	23,086	99	24	59
				(Opr PY2ELZ)	
PY2DP	**3.7**	**40,495**	**181**	**22**	**67**
***PW2N**	**A**	**594,762**	**795**	**79**	**210**
				(Opr. PY2NY)	
***ZY2APQ**	**"**	**311,178**	**536**	**50**	**136**
*PY2PD	"	222,288	609	47	85
*ZVØW	"	125,763	451	29	74
*PY2OU	"	33,384	114	33	71
*PY2FUS	"	21,800	82	37	72
*PY2AE	"	8,110	82	25	53
*PY2DLN	28	18,411	127	15	42
*PY2XW	"	13,108	101	18	40
*PY2OZF	21	15,120	106	16	44
***PP5JD**	**14**	**692,335**	**1591**	**30**	**121**
*PT2AW	"	56,015	236	24	61
*PY6WJ	"	12,925	94	21	34
*PY2TI	"	5,217	53	16	31

CHILE

CE3F	**A**	**4,554,992**	**3277**	**128**	**360**
				(Opr. CE3FIP)	

CE5CNT	"	322,000	922	46	69
CE4ETZ	"	217,140	540	32	100
CE3BFZ	"	177,012	235	92	205
XR3A	**28**	**825,110**	**2180**	**26**	**104**
			(Opr. CE3DNP)		
CE8SFG	**21**	**226,408**	**781**	**22**	**82**
XQ8ABF	**7**	**482,400**	**1318**	**32**	**102**
CE8EIO	**3.7**	**59,340**	**258**	**24**	**62**
***CE2EZE**	**28**	**229,503**	**698**	**26**	**87**
*CE8DGO	"	10,656	82	13	35
*CE3OCF	14	98,496	380	22	59

COLOMBIA

HK1HHX	**A**	**5,694,080**	**4437**	**94**	**340**
***HK3MKQ**	**A**	**675,750**	**943**	**78**	**177**
*HK4SPC	"	134 784	305	53	103
*HK3CVX	"	57 812	164	50	99
*HK4DWY	"	34 840	107	46	88
*HJ8SWA	"	21 565	227	31	64
***HJ4SAN**	**21**	**97,622**	**262**	**27**	**96**

ECUADOR

HC7SK	**28**	**705,812**	**1697**	**28**	**120**
			(Opr. SM7BUA)		
HC2GT	**21**	**171,042**	**694**	**23**	**64**

FERNANDO DE NORONHA

PYØFM	**14**	**3,202,242**	**5109**	**38**	**175**
			(Opr. PY5CC)		

GUYANA

8R1K	**A**	**8,169,408**	**4843**	**120**	**456**
			(Opr. AB6NJ)		

NETHERLAND ANTILLES

PJ9U	**7**	**1,120,995**	**2725**	**31**	**114**
			(Opr. OH1VR)		

PARAGUAY

ZP6XR	**21**	**798,966**	**1884**	**33**	**120**
***ZP5XYE**	**21**	**400,520**	**1022**	**29**	**107**

SURINAME

PZ5DX	**21**	**1,031,316**	**2463**	**28**	**115**

TRINIDAD & TOBAGO

9Y4NZ	**14**	**961,855**	**2196**	**30**	**122**
9Y4VU	**7**	**449,592**	**1273**	**23**	**99**

URUGUAY

CX9ACU	**28**	**157,788**	**656**	**22**	**59**
CX7BY	**14**	**628,120**	**1323**	**33**	**131**
CX4SS	3.7	126	10	4	5
*CX2VG	28	11,125	89	15	35
***CX6VM**	**21**	**244,760**	**726**	**26**	**90**

VENEZUELA

YV5AMH	**A**	**2,242,645**	**2464**	**84**	**229**
YW1A	**14**	**1,498,500**	**3387**	**31**	**119**
			(Opr. YV1AVD)		
4M5R	**7**	**480,940**	**1328**	**30**	**109**
			(Opr. YV5MRR)		
YW5P	**3.7**	**247,835**	**964**	**19**	**78**
			(Opr. YV5FGL)		
YV2IF	'	174,370	692	19	75
***YV4GAC**	**A**	**141,498**	**407**	**48**	**78**
*4M4T	'	107,338	303	53	134
			(Opr. YV4EYA)		
***4M6L**	**28**	**176,816**	**742**	**24**	**62**
***YV7QP**	**21**	**72,890**	**341**	**21**	**53**
***YV4DSB**	**14**	**415,811**	**1356**	**20**	**83**
*YV1EJ	'	51,800	270	18	54

QRP

NP2Q	**A**	**733,164**	**1594**	**67**	**147**
EA3AX	**"**	**247,280**	**740**	**66**	**215**
AA2U	**"**	**186,826**	**336**	**54**	**164**
YU7ØKN	**"**	**154,971**	**624**	**42**	**159**
			(Opr. YU1KN)		
EA1GT	'	152,656	449	46	157
OK1DKS	**"**	**147,800**	**634**	**38**	**162**
N1AFC	**"**	**121,800**	**314**	**44**	**131**
N4PYD	**"**	**117,300**	**233**	**62**	**142**
YU1LM	'	114,924	516	41	142
EA6SK	**"**	**114,075**	**355**	**42**	**153**
SP8EEX	**"**	**111,800**	**313**	**53**	**162**
OH5NHI	**"**	**106,106**	**437**	**40**	**142**
UT1WA	**"**	**96,426**	**400**	**45**	**153**
KB7VD	**"**	**93,744**	**249**	**56**	**88**
N8CQA	**"**	**85,444**	**215**	**54**	**110**
UR3MP	'	74,104	384	27	130
KA1C7F	'	68,400	189	47	105
VE6SH	**"**	**61,124**	**258**	**51**	**67**
DL3FBY	**"**	**47,400**	**229**	**38**	**120**
KIØG	**"**	**43,290**	**162**	**52**	**59**
LX8IX	"	40,320	265	23	105
WB6JMS	**"**	**39,600**	**132**	**50**	**70**
EA2CMW	'	35,370	178	32	99
OS5EU	**"**	**29,525**	**245**	**23**	**88**
LA2HFA	**"**	**27,378**	**161**	**30**	**87**
SP3UIW	'	17,982	141	25	56
NM1Q	'	16,200	81	25	56
ES6RHT	**"**	**16,182**	**210**	**18**	**69**
N8AXA	"	15,288	74	25	66
WB6ITM	"	13,392	75	32	40
LY3BY	**"**	**11,360**	**128**	**18**	**62**
OM3WPP	**"**	**9,546**	**107**	**21**	**53**
SP6JOE	'	9,230	75	22	43
KV8S	'	7,800	52	25	40
W8HNI	'	7,198	54	25	34
UT5UJY	'	3,102	63	11	36
AA1GV	'	950	20	10	15
UAØKCL	**"**	**570**	**25**	**9**	**10**
7K1CFN	**"**	**64**	**4**	**4**	**4**
YS1TG	**28**	**44,895**	**268**	**20**	**53**
JF3EIU	**"**	**21,504**	**142**	**19**	**37**
RU3RR	**"**	**15,120**	**130**	**15**	**48**
KA8NRC	**"**	**7,392**	**68**	**12**	**32**
IØIKV	**"**	**6,407**	**55**	**16**	**27**
RW9QA/9	'	4,950	53	8	25
RV1CC	'	3,430	63	10	25
ES7TH	'	2,184	59	6	20
WBØIWG/3	'	1,092	21	8	13
S51RW	**21**	**45,668**	**260**	**26**	**72**
UA9UUN	**"**	**33,099**	**236**	**14**	**45**
W6CN	**"**	**24,245**	**137**	**19**	**46**
GWØESU	**"**	**23,162**	**157**	**17**	**57**
UT3UZ	**"**	**20,025**	**183**	**16**	**59**
DL9LAI	**"**	**13,650**	**143**	**19**	**46**
OK2BAT	**"**	**12,528**	**150**	**15**	**43**
IK1TWC	**"**	**8,094**	**82**	**17**	**40**
EC1AIS/m	**"**	**6,350**	**92**	**11**	**39**
EC8AAP	'	1,566	23	8	19
JR7LVK	'	160	8	3	7
HI8OMA	**14**	**88,566**	**720**	**16**	**42**
SP5SDA	**"**	**36,720**	**336**	**20**	**65**
JA2JSF	**"**	**36,375**	**190**	**26**	**49**
KD1SG	**"**	**20,580**	**112**	**19**	**51**
EA3AEL	**"**	**17,422**	**196**	**12**	**50**
N2WCQ/3	**"**	**14,340**	**100**	**16**	**44**
EA2BTO	**"**	**13,671**	**158**	**10**	**53**
WB8ORV	**"**	**12,180**	**85**	**17**	**41**
UT1WL	**"**	**10,664**	**125**	**12**	**50**
SO5TW	'	7,636	156	7	39
			(Opr. K3TW)		
OK1DLA	**"**	**6,545**	**89**	**10**	**45**
SP3TCK	'	6,072	116	10	34
VE6GK	'	5,920	90	13	19
SMØDZH	'	2,304	48	8	28
JH2AVO	'	1,235	29	8	11
HAØGK	'	720	40	15	40
JA2DLM	**7**	**12,412**	**93**	**21**	**37**
UA3RCO	**"**	**7,003**	**112**	**8**	**39**
IKØCPS	'	984	40	4	20
W6QZA/6	'	900	23	8	10
SP4GFG	**3.7**	**11,050**	**212**	**7**	**43**
SP3NGB	**"**	**3,906**	**124**	**4**	**27**
JN9LCV	'	1,896	28	7	17
YL2GUV	**1.8**	**1,944**	**75**	**3**	**24**
SP5NOG	'	80	8	3	7

ASSISTED

W1NG	**A**	**1,163,184**	**837**	**115**	**413**
AA2DU/1	**"**	**1,027,728**	**793**	**108**	**380**
AG1C	'	957,696	767	103	361
K1KP	'	947,355	877	97	314
KS9Z/1	'	850,544	730	91	333
K2TE/1	'	704,208	634	89	319
NB1B	'	562,632	553	86	308
N6RFM/1	'	391,852	456	77	249
K1DG	'	362,776	438	82	249
			(Opr. WZ1R)		
K1FWF	'	258,013	335	76	211
K1JKS	'	230,910	338	61	197
WE2CND/1	'	211,768	312	70	187
N1UN	'	130,192	250	59	147
N4XR/1	'	107,916	207	52	152
WA1G	'	103,530	192	63	147
N1KWJ	'	34,680	119	37	83
NG1J	'	27,768	100	23	81
WF1B	'	26,730	110	21	60
KB2R/1	'	10,875	67	31	44
W1BIH	14	52,398	141	34	116
K5NA/2	**A**	**1,879,548**	**1091**	**140**	**498**
K2WK	**"**	**1,647,138**	**1099**	**120**	**422**
K2PS	"	956,913	729	118	375
KF2U	"	882,720	692	102	378
N2FF	"	394,830	477	80	241
K3JGJ/2	"	256,122	390	64	179
WA2WYR	"	244,318	325	77	225
W9NGA/2	"	242,985	316	77	214
K2JLA	"	241,040	345	61	201
W1GD/2	"	226,570	305	73	212
KE2OP	"	226,188	351	57	187
KR2J	"	221,678	320	72	199
N2AIF	"	217,920	336	63	177
WA2ZGO	"	184,005	267	65	196
KE2VX	"	161,710	291	43	163
KF2O	"	156,250	251	71	179
WAØQOA/2	"	157,725	272	58	167
N2PKN	"	153,636	317	50	136
AA2PZ	"	127,920	239	59	149
N2INN	"	116,235	227	53	136
K2SB	"	106,506	214	49	145
AA2IZ	"	94,068	230	50	106
N2DB	"	44,500	132	32	93
W2XN	"	32,487	102	35	84
WA3RHW/2	"	27,032	101	38	71
KQ2O	"	26,910	107	20	70
N2YJQ	28	2,325	30	10	21
NO2R	**14**	**258,230**	**538**	**32**	**138**
WY2X	"	10,220	53	23	50
WA2MZX	**7**	**39,886**	**148**	**25**	**73**
N2C	"	39,552	140	25	78
N3AD	**A**	**1,915,305**	**1186**	**131**	**464**
K3WW	**"**	**1,818,000**	**1113**	**129**	**477**
AA3B	**"**	**1,168,695**	**872**	**103**	**392**
KS3F	**"**	**1,081,164**	**981**	**99**	**328**
NW3Y	'	1,004,300	785	107	377
K3NZ	'	984,984	640	127	445
NN3Q	'	912,876	669	107	401
K3ND	'	862,107	657	110	379
N3MKZ	'	585,597	590	90	291
K3KNH	'	571,340	573	85	286
W3FV	'	499,854	509	93	274
WA3WJD	'	427,455	481	83	262
WT3P	'	308,568	430	67	209
NK3U	'	263,718	370	70	203
K3BHX	'	207,192	297	63	201
WB3CIW	'	185,966	336	53	161
W3KV	'	173,808	315	53	151
K3OO	'	168,260	271	73	162
W3NX	'	156,330	309	58	135
WI3I	'	41,856	128	38	90
W2UP/3	'	32,409	105	39	78
N6CQ/3	'	26,924	94	35	71
K3SA	'	22,800	96	32	63
W8FJ/3	'	21,912	100	29	59
NU3Y	'	2,010	25	10	20
WR3L	**21**	**66,690**	**182**	**26**	**109**
W3OV	**14**	**130,284**	**332**	**29**	**112**
WX4G	**A**	**1,457,132**	**1024**	**134**	**414**
WB2NQT/4	**"**	**1,259,466**	**962**	**107**	**375**
KD4RH	'	636,156	558	98	333
KA2DRH/4	'	546,390	561	99	291
KB4GIC	'	401,982	436	88	269
N4KG	'	368,736	397	103	265
N4BNO	'	363,181	438	84	142
N4ONI	'	344,043	431	75	226
KJ4FW	'	275,615	424	76	201
NZ3I/4	'	225,044	354	70	184
KR4QI	'	206,745	337	57	174
K4CEF	'	139,948	234	72	164
N4XSE	'	138,885	274	56	141
K4PR	'	105,196	234	57	125
N4SLR	'	75,480	159	59	126
ND4Y	'	28,024	110	45	68
W3FTG/4	'	12,080	63	31	49
KC2KU/4	**14**	**177,900**	**436**	**31**	**119**
KØLUZ/4	**"**	**148,577**	**390**	**30**	**113**
N4HOH	**7**	**45,144**	**158**	**29**	**79**
AD4KW	"	29,382	133	22	61
K4PI	**3.7**	**56,959**	**222**	**24**	**79**
KA5W	**A**	**561,249**	**567**	**96**	**273**
K5LP	**"**	**448,216**	**466**	**98**	**260**
NA4M/5	"	365,300	427	95	230
WB5CRG	'	226,171	288	85	234
N3BB/5	'	165,976	333	73	143
KI3L/5	'	165,002	300	59	152
AB5SE	'	149,000	298	59	141
AD4FX/5	'	148,920	262	66	153
K5FC	'	27,352	139	37	67
WD5N	'	1,344	17	15	17
WT5U	**14**	**110,684**	**344**	**30**	**104**
NT5C	**7**	**69,812**	**205**	**32**	**92**
WK6V	**A**	**728,273**	**770**	**105**	**266**
NI6T	**"**	**401,636**	**480**	**100**	**216**
K6SG	'	316,065	409	87	198
N6MB	'	311,575	424	84	191
K..6ZH	'	191,526	315	82	151
AA6JJ	'	161,142	245	75	175
KT6V	'	147,560	226	80	168
WA6SDM	'	112,514	214	70	132
K6UO	'	102,790	200	69	121
KG6IP	'	53,874	145	51	95
NC6U	'	42,036	142	43	73
NI6R	'	31,209	118	37	64
WA6KHM	28	5,280	72	12	18
KA6ING	'	2,418	35	12	14
K7QQ	**A**	**925,449**	**917**	**119**	**262**
KI3V/7	**"**	**815,451**	**828**	**116**	**261**
AA7CQ	"	508,617	690	90	189
NX7K	"	320,139	557	72	141
KE7GH	"	262,140	367	80	177
KB7PDL	"	49,178	165	48	86
KC7V	**14**	**79,810**	**287**	**27**	**88**
KF8UM	**A**	**771,640**	**711**	**102**	**302**
W8FN	**"**	**382,800**	**430**	**75**	**254**
KB3X/8	"	307,872	417	82	206
K8CV	"	208,624	339	67	169
KA8D	"	90,602	200	54	124
KA8PTT	'	74,290	173	47	123
KB8SUZ	'	8,192	54	21	43
KB8TLF	28	5,811	59	10	29
KB8PK	7	1,225	25	8	17
K9SD	**A**	**772,710**	**690**	**114**	**316**
WO9Z	**"**	**660,270**	**633**	**97**	**293**
WE9R	'	326,700	470	69	201
WD9GIG	'	194,298	264	72	210
N9LCR	'	75,654	181	46	114
W9ILY	'	57,000	152	45	107
KØRF	**"**	**1,532,760**	**1120**	**139**	**391**
NØAT	'	207,360	281	83	205
KRØI	"	112,612	233	64	124
KMØL	"	57,510	169	46	89
WBØCHS	"	30,680	91	42	38

CANADA

VE3ZD	**A**	**248,130**	**357**	**72**	**198**
VE7OR	**14**	**45,600**	**242**	**24**	**56**
VE7NKI	'	21,804	123	21	48

GAUDELOUPE

FG5BP	**A**	**1,041,216**	**1780**	**61**	**171**

AFRICA

REPUBLIC OF SOUTH AFRICA

ZS94F	**A**	**1,890,350**	**1846**	**88**	**262**
			(Opr. ZS6YA)		

ASIA

HONG KONG

VS6BG	**A**	**428,640**	**752**	**107**	**197**

JAPAN

JF1SEK	**A**	**773,277**	**755**	**124**	**259**
JR4QZH	**"**	**736,665**	**808**	**109**	**226**
JF3LGC	**"**	**394,774**	**530**	**91**	**198**
JA2MNB	**"**	**149,768**	**307**	**77**	**117**
JH1UUT	'	146,256	335	62	114
JE1LFX	'	97,734	201	72	110
JK2VOC	'	71,162	242	62	99
JF1UVJ	'	13,311	57	38	49
JH2ABL	**28**	**53,680**	**234**	**26**	**62**
JQ1NGT	'	18,231	114	26	33
JK1GKG	3.7	2,190	37	12	18

EUROPE

BELGIUM

OS4MA	**A**	**176,712**	**513**	**60**	**162**

CROATIA

9A3ZG	**A**	**200,466**	**498**	**61**	**197**

CZECH REPUBLIC

OK2FD	**A**	**296,301**	**374**	**88**	**261**
OK5SAZ	"	95,702	317	50	168
			(Opr. OK2QX)		

DENMARK

OZ1ADL	21	4,845	55	18	39

ENGLAND

GB2OM	**14**	**361,261**	**1459**	**29**	**110**
			(Opr. GØOFE)		

FINLAND

OH6WZ	**A**	**1,536,712**	**1343**	**113**	**375**
OH1AA	**"**	**1,467,975**	**1807**	**117**	**412**
OH2VZ	'	27,900	121	35	89
OH1BOI	'	3,621	35	19	32
OH1KF	**21**	**115,730**	**532**	**32**	**110**

FRANCE

TM2V	**A**	**2,969,375**	**2380**	**126**	**499**
			(Opr. F6GYT)		
TM4T	**7**	**154,968**	**863**	**28**	**104**
			(Opr. F5NBU)		

GERMANY

DL6ET	**A**	**1,825,084**	**1426**	**137**	**579**
DJ2YA	**"**	**1,792,464**	**1375**	**143**	**555**
DL3KDV	**"**	**1,751,520**	**1541**	**133**	**523**
DL9YAJ	'	722,228	885	103	391
DF2RC	'	547,820	710	95	335
DL4NN	'	519,739	759	89	318
DJ9MH	'	340,943	555	84	233
DL9NCR	'	263,610	537	75	228
DL5IC	'	256,204	370	88	250
DK3GI	'	252,050	361	91	254
DL8YR	'	251,433	516	64	243
DK1RP	'	155,555	346	73	192
DL5ABI	"	64,722	187	43	118
DL7VBM	"	25,650	87	40	74
DLØQW	"	19,082	146	26	68
			(Opr. DK7ZT)		
DL3YDY	"	7,552	114	13	46
DF1IC	21	47,766	160	29	85
DJ6TK	1.8	2,730	86	4	31

IRELAND

EI9FK	**A**	**530,779**	**1127**	**85**	**288**

ITALY

IR8A	**A**	**2,731,908**	**2552**	**134**	**448**
			(Opr. I8QLS)		
IK1SLE	**"**	**879,140**	**1100**	**100**	**352**
IK4PVR	**"**	**847,872**	**1090**	**87**	**327**
I2CMA	'	719,400	659	115	435
IQ2A	'	273,260	523	65	195
			(Opr. I2UIY)		
IK6VXO	'	227,942	419	66	221
I6NOA	'	202,722	355	78	221
IL3/IK3RIZ	"	179,670	330	69	196
IKØNGI	"	152,149	393	65	168
IK3OII	"	139,656	274	76	177
I2PKF	"	136,497	248	82	181
IK2WBA	"	126,784	295	57	167
IK7VGG	'	53,960	255	36	116
IK3SCB	'	49,773	221	36	105
IKØXBX	'	43,865	164	42	113
IK4JFR	'	29,889	97	40	83
IKØDWN	**28**	**177,408**	**510**	**33**	**135**
IK5TSS	'	10,985	82	17	48
IKØQBI	**21**	**46,009**	**148**	**31**	**108**
IN3ASW	**14**	**310,242**	**925**	**38**	**136**
IO2A	'	221,298	872	34	120
			(Opr. IK2RZP)		
IK2HKT	'	127,323	642	28	107
IK5QGO	**7**	**202,320**	**710**	**33**	**111**
IC8WIC	'	78,432	712	20	76

LITHUANIA

LY2BG	A	22,366	183	25	82

NORWAY

LA4PHA	**A**	**273,735**	**834**	**51**	**186**

POLAND

SP2UUU	**A**	**101,400**	**328**	**48**	**152**
SP6CIK	'	92,000	283	54	130

SARDINIA

IS8GSR	**A**	**170,100**	**570**	**48**	**177**

SICILY

IT9LPN	**A**	**233,675**	**419**	**78**	**247**
IT9STX	**14**	**549,864**	**1701**	**33**	**135**

SLOVAK REPUBLIC

OM5A	**A**	**1,966,860**	**1959**	**129**	**501**
			(Opr. OM3LA)		

SPAIN

EA3BT	**A**	**1,167,234**	**1290**	**91**	**363**
EA3EZD	**"**	**1,145,484**	**1527**	**100**	**323**
EA5OL	'	692,244	1080	80	320
EA5YJ	'	388,700	730	71	228
EA3AET	'	251,719	445	70	219
EA5GMB	"	234,025	400	69	206
EA3CB	"	34,776	102	43	83
EA4TX	"	19,686	79	37	65
EA3APS	14	75,852	365	29	97
EA1DDO	1.8	28	5	2	5

SWEDEN

SM3JLA	**A**	**1,873,400**	**1912**	**109**	**384**
SM7DXQ	'	193,404	400	65	219

SWITZERLAND

HB9CPS	**21**	**29,192**	**192**	**19**	**70**

WALES

GWØNPL	A	22,700	111	35	65

OCEANIA

AUSTRALIA

VK2VM	A	23,718	127	23	44

SOUTH AMERICA

ARUBA

P4ØW	**A**	**11,224,877**	**6323**	**131**	**470**
			(Opr. W2GD)		

MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA

UNITED STATES

KC1XX	**3,897,504**	**2038**	**141**	**553**
K1NG	**3,239,453**	**1642**	**146**	**575**
N1AL	1,988,084	1375	110	408
W2AX/1	1,752,726	1101	128	458
KB1H	1,495,325	1020	112	423
K1GW	989,142	818	98	364
W1FY	613,040	613	84	304
W1XS	612,963	553	95	308
N1HFA	314,862	411	69	222
W1BK	248,522	313	87	226
K1CLN	224,968	355	71	173
W1FM	138,446	265	57	146
KC1SS	65,720	176	42	113
K1TWF	13,110	69	18	51
N2NU	**3,713,150**	**1900**	**148**	**573**
K2TR	**3,032,472**	**1639**	**149**	**547**
KF2ET	2,194,948	1417	131	435
N2MM	1,971,288	1170	139	488
K2QWE	1,129,428	900	102	356
NU2W	911,913	755	99	350

N2SS	823,136	674	104	360
K2OY	311,984	414	86	210
KD6LLA/2	51,013	166	43	96
N3RS	**3,090,936**	**1637**	**143**	**553**
AA1K/3	**2,171,308**	**1266**	**135**	**494**
W3GNQ	1,336,608	919	120	426
WU3A	1,110,096	881	102	366
K3DI	878,436	704	106	362
K3ZNV	546,860	562	90	280
K3CP	537,628	555	85	279
AK3Z	339,825	386	86	259
W3VPR	293,412	364	72	222
K4ISV	**3,714,070**	**2076**	**150**	**535**
AA4NC	**2,101,680**	**1355**	**119**	**441**
KD4YAR	670,440	730	86	284
KQ4HC	472,650	524	91	254
KQ4ZP	432,708	500	73	248
W4PRO	357,753	439	75	218
W4NC	197,736	320	70	194
W4NTI	58,976	235	23	74
K5XI	**3,135,600**	**1806**	**149**	**501**
WXØB/5	**2,101,005**	**1418**	**136**	**455**
N5OLS	884,166	807	120	327
N5HRG	489,555	495	115	272
KB5RUG	271,150	356	79	211
AA5UO	255,310	399	72	170
W6EEN	**1,786,212**	**1464**	**120**	**327**
N6AW	**1,238,472**	**1065**	**118**	**194**
W6REC	844,568	839	115	271
KG6AR	319,550	429	86	189
N6NG	150,060	284	86	119
WB6JTY	141,918	293	70	116
KØPP/7	**828,816**	**887**	**113**	**259**
W7DK	173,052	345	81	126
N7UJJ	61,710	169	61	104
WA7IIM	58,590	226	31	62
K8AZ	**2,291,286**	**1403**	**135**	**471**
AA8U	**1,494,836**	**1212**	**129**	**413**
N8ATR	1,377,952	987	125	419
WA8OSE	342,225	400	80	245
K8PYD	49,662	181	37	56
KF8Y	23,067	119	36	63
K8DXF	1,560	22	10	20
KS9K	**2,631,736**	**1606**	**141**	**488**
K9UWA	**1,643,733**	**1098**	**130**	**437**
N9VHW	384,124	451	87	245
NXØI	**1,636,843**	**1293**	**135**	**398**
NCØP	**1,321,659**	**1006**	**126**	**405**
KBØWY	373,015	455	88	217
WØSOE	320,650	449	79	196
KCØEI	291,100	400	83	201
WØOJY	83,993	210	57	112

ALASKA

KL7/NO7F	76,752	440	32	40

ANGUILLA

VP2E	**11,284,488**	**7957**	**130**	**452**

BELIZE

V31DX	**7,854,543**	**6983**	**125**	**388**
V31MF	264,957	1173	45	66

CANADA

VG3EJ	**6,193,010**	**4212**	**139**	**523**
VE2PZ	**1,482,880**	**2163**	**92**	**239**
VG7UBC	**884,352**	**1832**	**77**	**147**
VE6SV	**843,862**	**1634**	**86**	**165**
VE6FI	792,524	1636	83	156
VA3SK	680,050	1180	91	199
VE2CUA	377,856	964	52	140
VE3RRH	184,324	326	62	165
VE6AO	184,295	665	49	96
VE5SF	108,040	339	51	97

CAYMAN ISLANDS

ZF2MC	**1,915,373**	**2925**	**77**	**230**

FRENCH ST MARTIN

FJ5AB	**2,161,502**	**2773**	**99**	**263**

GUANTANAMO BAY

KG4JO	**2,001,840**	**2998**	**79**	**225**

MEXICO

6D2X	**8,625,804**	**6128**	**151**	**496**
XE2DV	**4,870,952**	**5694**	**120**	**268**
6E2T	1,116,957	2627	79	122

MONTSERRAT

VP2MDE	**4,078,800**	**3605**	**107**	**333**

PANAMA

HP1XVH	**1,668,282**	**2432**	**87**	**227**

REVILLA GIGEDO

XF4M	**6,339,099**	**5895**	**135**	**346**

ST KITTS & NEVIS

V47Z	**4,758,814**	**4308**	**119**	**402**

ST. MAARTEN

PJ8Z	**6,967,922**	**5747**	**114**	**412**

TURKS & CAICOS ISLANDS

VP5Y	**9,455,605**	**6023**	**140**	**521**

U.S. VIRGIN ISLANDS

WP2C	**3,030,304**	**5084**	**78**	**203**

AFRICA

BURUNDI

4U9U	**4,170,320**	**3711**	**83**	**301**

CANARY ISLANDS

EA8RG	**5,080,392**	**3485**	**102**	**390**

CEUTA & MELILLA

EA9OB	**7,807,704**	**4345**	**135**	**471**

GAMBIA

C56DX	**5,205,240**	**3850**	**95**	**361**

GHANA

9G5TL	**9,438,750**	**5148**	**139**	**486**

IVORY COAST

TU4EI	**3,890,873**	**3211**	**94**	**319**

KENYA

5Z4RS	**274,275**	**600**	**41**	**118**

MADEIRA ISLANDS

CT3EE	**7,726,176**	**4674**	**115**	**441**

NAMIBIA

V59T	**7,039,678**	**4338**	**142**	**412**

REPUBLIC OF SOUTH AFRICA

ZS5HAM	**4,110,016**	**3235**	**107**	**324**

UGANDA

5X1HR	**3,783,855**	**2912**	**116**	**331**

ASIA

ASIATIC RUSSIA

RW9UZZ	**1,234,530**	**1198**	**121**	**309**
RK9YXI	519,948	1126	55	143
RW9QWV	148,752	418	40	104
RK9MXD	34,017	176	26	43
RKØQ	**272,550**	**1045**	**51**	**99**

CHINA

BY4RSA	**1,102,574**	**2407**	**81**	**172**
BY4SZ	**692,496**	**1780**	**81**	**135**
BY5RT	207,691	1123	54	83
BY4BCN	24,705	185	31	50

HONG KONG

VS6FQ	**1,359,774**	**2293**	**110**	**241**

JAPAN

JA8YBY	**1,923,472**	**1639**	**120**	**282**
JE6ZIH	**1,812,954**	**1511**	**134**	**295**
JA6YCL	1,372,302	1345	114	273
JAØYAK	**1,218,700**	**1253**	**116**	**234**
JG2ZQZ	**1,049,427**	**1095**	**119**	**242**
JA9YAA	**894,750**	**913**	**121**	**254**
JM1YCN	**724,464**	**886**	**102**	**210**
JA3YBF	**724,178**	**844**	**102**	**220**
JA9YBA	320,250	583	75	135
JR7YCM	285,714	482	88	146
JA7YFB	260,070	537	72	109
JA1ZEQ	14,773	92	32	47

KAZAKHISTAN

UN5G	**3,492,500**	**2634**	**123**	**377**

KIRGHIZ

EX9HQ	**3,808,116**	**3281**	**114**	**360**

KOREA

HLØO	172,270	630	59	102

KUWAIT

9K2ZZ	**6,669,368**	**4076**	**139**	**465**

SAUDI ARABIA

HZ1HZ	252,993	501	69	100

ASIATIC TURKEY

TA2KB	**540,900**	**1025**	**41**	**139**

EUROPE

ALBANIA

ZA9A	**4,610,075**	**5094**	**125**	**492**

AUSTRIA

OE2S	**4,969,440**	**3507**	**152**	**613**
OE3V	**1,584,310**	**3482**	**100**	**355**
OE1A	1,366,522	1709	111	376
OE3R	559,480	1131	81	274

BALEARIC ISLANDS

EA6ARM	**887,773**	**1801**	**81**	**286**

BELGIUM

OT4T	**7,408,370**	**3886**	**168**	**715**
ON7UN	**3,179,925**	**2566**	**137**	**536**
OS6AH	**2,574,744**	**2446**	**122**	**446**
OT4L	2,099,936	2269	113	435
ON6BR	1,255,938	1811	101	378
OT4O	336,528	784	75	253

BELARUS

EW1WC	**315,791**	**1032**	**50**	**179**

BULGARIA

LZ9A	**6,965,805**	**4630**	**169**	**646**
LZ1KNP	396,464	1219	66	216
LZ5Z	63,756	359	39	99

CORSICA

TK5EL	**6,981,478**	**5555**	**143**	**599**

CROATIA

9A5D	**2,387,679**	**2957**	**106**	**363**

CZECH REPUBLIC

OK5W	**4,798,339**	**3208**	**152**	**635**
OK1KQJ	**1,343,300**	**1987**	**106**	**367**
OK2KOD	1,020,543	1309	110	379
OK2RAB	201,624	550	63	185
OK2KET	179,172	601	47	190
OK2KDS	166,290	400	52	178
OK2KBA/p	140,778	590	35	163
OL1WW	60,454	243	43	124

DENMARK

OZ9EDR	**3,025,586**	**2765**	**139**	**535**
OZ5EDR	182,054	637	49	178

ENGLAND

GB2AA	**2,800,657**	**2538**	**130**	**531**
GXØFUN	780,584	1178	95	329
G3FJE	377,010	642	79	276

EUROPEAN RUSSIA

RS3A	**3,553,200**	**3548**	**141**	**517**
RZ4WWB	**2,208,760**	**2482**	**121**	**415**
RZ1AYX	849,730	1203	93	334
RK4WWA	779,076	1381	89	313
RZ4AYT	496,860	1153	69	225
RK4YWY	139,472	532	46	138

EUROPEAN TURKEY

TA1KB	**131,542**	**586**	**37**	**141**

FINLAND

OH2M	**4,877,604**	**3609**	**149**	**535**
OH7X	**3,728,400**	**3311**	**137**	**513**
OH3NE	1,278,353	1808	99	362
OH9AR	820,260	1652	68	247
OH1BV	722,980	1456	94	276

FRANCE

TM1C	**6,620,096**	**4204**	**158**	**626**
TM2T	**3,255,425**	**2878**	**133**	**528**
TM8A	1,875,290	2150	114	440
F5KDZ	480,844	804	85	279
F6KCS	447,216	913	70	266
F5KSE	99,115	282	56	159
F6KLO	2,013	53	7	26

GERMANY

DFØHQ	**4,630,032**	**2970**	**154**	**638**
DLØWW	**3,933,712**	**2481**	**146**	**606**
DF7RX	**3,519,912**	**2295**	**152**	**644**
DKØEE	2,863,625	2213	144	595
DFØAT	2,402,649	1927	125	532
DL2ARD	1,930,608	1579	131	523
DLØTD	1,220,335	1252	110	425
DLØIU	1,189,365	1166	106	449
DKØBP	1,128,815	1075	120	443
DKØUB	582,390	949	83	322
DKØPR	380,054	700	76	220
DLØDR	256,152	746	60	213
DLØMCG	178,808	542	50	198
DLØER	175,187	516	56	183
DLØDRL	49,896	273	32	130

GREECE

SV1AFA	**129,986**	**803**	**61**	**198**

GUERNSEY

GU3HFN	**1,088,488**	**2177**	**80**	**279**

HUNGARY

HG5M	**2,434,744**	**3033**	**123**	**410**
HG6Y	**2,185,344**	**2564**	**115**	**389**
HA1KRR	1,059,184	1540	91	301

IRELAND

EI7M	**2,754,240**	**2826**	**115**	**489**

ITALY

IQ4A	**9,589,200**	**4464**	**174**	**567**
IR2W	**4,876,720**	**3271**	**151**	**601**
IU4U	**4,041,304**	**2834**	**138**	**536**
IU2X	3,426,675	2503	152	597
IO5A	2,988,401	2603	137	474
II4M	2,907,490	2778	131	434
IR1A	2,338,254	2374	137	581
I2ZZZ	2,129,538	1955	127	455
IU2D	1,807,680	1788	123	415
IQ4T	1,689,372	1773	112	389
II2I	915,456	867	111	401
IK2UCK	661,760	846	97	373
IU3DX	639,576	605	117	369
II7I	474,195	1051	73	230
I3VFJ	277,242	487	71	223

KALININGRAD

RW2F	**3,850,236**	**3328**	**154**	**587**

LATVIA

YL1XW	**414,201**	**1002**	**66**	**237**

LITHUANIA

LY1BXB	**952,070**	**1628**	**93**	**313**
LY3MR	**891,520**	**1441**	**91**	**357**

LUXEMBOURG

LX4B	**509,366**	**1210**	**79**	**259**
LX/DL4VBS/p	35,746	195	30	95

NETHERLANDS

PA3DWD	**2,212,431**	**2153**	**124**	**539**
PA3FNE	**2,003,897**	**2186**	**121**	**492**
PI4CC	1,895,333	2105	115	468
PI4TUE	900,288	1315	99	333

NORWAY

LA1K	**573,600**	**1279**	**64**	**236**
LA4C	82,404	756	23	85

POLAND

SN6F	**1,822,898**	**2021**	**120**	**419**
SP9KRT	361,063	782	75	242
SP9ZKN	70,850	403	30	103
3ZØKPN	47,736	260	38	115
SP6YFU	41,080	225	33	97
SQØPKQ	9,954	126	49	60
SP8YDJ/p	4,956	118	6	36

PORTUGAL

CT5P	**7,454,250**	**5017**	**147**	**603**
CT8T	**4,328,149**	**3575**	**138**	**491**

ROMANIA

YO2KJI	**296,626**	**900**	**62**	**216**
YC2KBE	43,023	812	36	150

SCOTLAND

GM4DMZ	**2,369,400**	**2643**	**115**	**485**
GSØAEE/P	140,352	613	42	150

SICILY

IQ9K	**1,295,365**	**1644**	**100**	**349**
IT9EQO	**1,052,572**	**1673**	**89**	**302**

SLOVAK REPUBIC

OM3A	**5,173,696**	**3815**	**152**	**552**
OM7M	**3,394,865**	**3229**	**158**	**497**
OM3RDP	81,600	440	33	137

SPAIN

EA3KU	**4,164,104**	**3023**	**146**	**596**
ED1WWE	**3,244,528**	**3327**	**102**	**389**
EA2AM	**2,208,567**	**2342**	**122**	**469**
EA5CA	1,788,520	1923	101	387
EA4RCU	1,276,208	1293	99	397
EA3MT	1,205,914	1745	105	353
EA5RKV	590,832	855	90	283
EA4DAT	467,748	762	82	284
EA5ZI	439,920	847	72	210
ED5WDS	178,794	484	56	175
EA5DCL	99,788	293	47	155

SWEDEN

SM5FQQ	**1,438,115**	**1642**	**126**	**469**
SM3OSM	**1,160,166**	**1713**	**97**	**386**
SM7PKK	934,248	1359	89	380
SK4AO	585,389	1133	76	271
SMØBGM	99,328	416	42	152

SWITZERLAND

HB9H	**3,876,502**	**2978**	**138**	**539**
HB9CC	1,317,536	2020	89	329

UKRAINE

UT7W	**2,005,452**	**1994**	**133**	**466**
UR4PWC	63,220	369	32	113

VATICAN CITY

HV4NAC	**72,062**	**356**	**38**	**99**

WALES

GW8GT	**3,881,250**	**3385**	**140**	**550**

YUGOSLAVIA

YT1AD	**4,259,010**	**3398**	**144**	**570**
YT7P	407,682	756	84	235
YU7AJM	163,512	640	58	158

OCEANIA

AUSTRALIA

VK1DX	**1,758,200**	**2107**	**100**	**198**
VK4MZ	**1,288,803**	**1310**	**114**	**239**
VK4SSB	849,285	1248	84	159

MARSHALL ISLANDS

V7X	**7,642,979**	**5354**	**148**	**345**

PAPUA-NEW GUINEA

P2ØWW	**2,462,528**	**2441**	**107**	**246**

PHILIPPINES

4G2X	**1,493,172**	**2243**	**83**	**145**
N3GKY/DU2	554,796	993	66	132

SOUTH AMERICA

ARGENTINA

LU1VV	**6,931,870**	**4506**	**124**	**406**
LVØA	**5,210,295**	**3715**	**123**	**366**
LP4H	**4,879,680**	**3647**	**127**	**333**
L4D	4,417,952	3404	121	343
LT1H	3,648,456	3161	112	287
LU6FAZ	3,442,824	2472	111	372
L5P	1,312,455	1606	76	200
L4DX	979,995	1445	70	167

BRASIL

PT7CB	**8,098,335**	**5027**	**130**	**417**

GALAPAGOS ISLANDS

HC8A	**17,946,512**	**8479**	**151**	**573**

URUGUAY

CX3C	698,479	846	97	373

VENEZUELA

YV5USB	168,080	285	60	160

MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA

UNITED STATES

KY1H	**4,287,360**	**3028**	**143**	**529**
K1RX	1,423,800	1005	111	414
N2RM	**8,776,464**	**4113**	**156**	**648**
WA2C	582,272	633	95	319
NY2Z	97,008	257	50	112
W3LPL	**9,106,024**	**4242**	**160**	**664**
K3LR	**6,101,142**	**3121**	**159**	**599**
K3ANS	**2,441,538**	**1476**	**139**	**488**
W3MM	1,851,183	1102	136	503
K3II	1,639,776	1100	125	464
NE3F	1,393,310	1016	112	391
NM3K	498,870	541	86	259
W4MYA	**4,819,885**	**2627**	**152**	**589**
N4ZC	**3,546,400**	**1927**	**146**	**536**
NQ4I	**3,374,739**	**2059**	**142**	**517**
W4IY	**2,528,978**	**1626**	**133**	**466**
W5KFT	**1,986,831**	**1383**	**134**	**415**
AA6MC	**1,025,150**	**1197**	**103**	**247**
W7RM	**2,616,496**	**2243**	**135**	**329**
NK7U	1,283,550	1333	121	277
W8IQ	**1,471,808**	**1168**	**116**	**372**
WØAIH/9	**2,004,643**	**1517**	**134**	**423**

ANTIGUA

V26B	**17,925,972**	**10642**	**134**	**567**

CANADA

VG9DH	**5,109,400**	**4875**	**107**	**365**
VE7ZZZ	1,803,616	2892	107	207

CAYMAN ISLANDS

ZF2JI	**14,341,716**	**10105**	**136**	**503**

GRENADA

J3A	**4,441,075**	**4500**	**103**	**340**

ST. LUCIA

J6DX	**29,076,783**	**15023**	**154**	**657**

TURKS & CAICOS ISLANDS

VP5R	**8,256,103**	**7060**	**122**	**407**

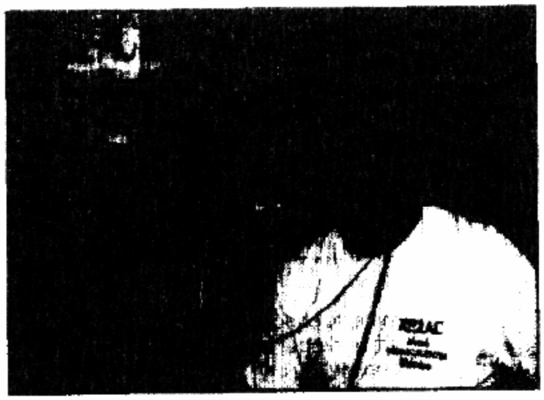
AFRICA

CEUTA & MELILLA

EA9UK	**19,422,748**	**8461**	**155**	**617**

SWAZILAND

3DAØZ	**10,465,564**	**6548**	**132**	**430**



Luis at the controls of XE2AC.

ASIA

JAPAN

JH6ZJS	6,115,114	4443	166	492
JA3ZOH	5,737,950	3387	164	458
JJ3YBB	5,385,765	3147	163	465
JA1YDU	4,305,773	2713	157	436
JA7YAA	2,633,958	2100	134	324
JA7Y5R	2,001,982	1745	128	[illegible]
JR1ZTT	1,641,762	1494	129	29[illegible]
JA3YKC	1,537,032	1340	126	311
JH1YHS	495,403	629	[illegible]	[illegible]
JK1ZHH	129,561	[illegible]	[illegible]	[illegible]
JF1ZAK	16,354	[illegible]	[illegible]	[illegible]

EUROPE

BELGIUM

OT4A	9,378,342	6965	156	683
OS4CLM	129,689	328	43	146

ENGLAND

GØKPW	11,126,343	7340	174	766
GB2AVC	369,200	[illegible]	[illegible]	260
G3NKL	126,765	793	4[illegible]	17[illegible]

EUROPEAN RUSSIA

RU6L	7,084,700	5203	175	637

FRANCE

F6BEE	5,866,080	4175	140	586

GERMANY

DK5EZ	2,397,309	2321	116	471
DF3QG	1,105,081	1395	106	423

HUNGARY

HG73DX	10,594,944	7627	169	647

ITALY

IR3R	9,128,847	6209	168	678
I2[illegible]	1,382,080	1569	[illegible]	144

LIECHTENSTEIN

HBØ/HB9AON	3,056,592	3526	101	427

LITHUANIA

LY7A	2,932,704	3767	117	482

NETHERLANDS

PI4COM	5,921,162	4671	150	604

POLAND

SN60	2,723,728	3431	128	453
SN[illegible]	974,044	1392	85	218

SPAIN

ED4RCT	1,336,068	2180	79	277

SWITZERLAND

HB4FG	938,540	1400	89	331

UKRAINE

EM2I	11,631,675	8969	172	653
UU5J	9,979,003	7263	174	685

YUGOSLAVIA

[illegible]	96,996	441	[illegible]	1[illegible]9

OCEANIA

NEW ZEALAND

ZM2K	6,229,258	4739	136	322

SOUTH AMERICA

ARGENTINA

LU4FM	15,128,576	7951	152	512
[illegible]TØV	454,603	1911	84	206

ECUADOR

HC8E	12,537,339	6841	138	493

NETHERLAND ANTILLES

PJ1B	40,278,000	15627	169	706

PARAGUAY

ZP94B	4,538,154	3545	112	341

VENEZUELA

YY3A	4,583,160	3360	106	355

CHECK LOGS

Our thanks to the following stations who sent in check logs:
9G1MR, 9Y4VU, AA5SF, CT1EDT, DF5WN, DHØCK, DL1AGF, DL1DWT, DL1JE, DL2SBY, DL2VBL, DL3DW, DL3NEO, DL4AWI, DL5AVI, DL5DWW, DL5JRA, DL5SVB, DL5YWM, DL7UMS, DL8CGF, DL8DZL, EA/OE5BMC, EA1AAA, EA1AJC, EA1AUI, EA1CXY, EA1EBJ, EA1EIN, EA1FAE, EA1FFC, EA1FFN, EA1KW, EA2ABM, EA2AGB, EA2BGN, EA2CMY, EA3AGA, EA3AFJ, EA3AFR, EA3AM, EA3CZM, EA3DZG, EA3EJI, EA3FYD, EA3GDX, EA3KB, EA4BJC, EA4EER/1, EA5ACE, EA5AEI, EA5DWS, EA5EIL, EA5FXS, EA5CCX, EA5GKE, EA5GNX, EA5JC, EA7BA, EA7EFE, EA7EZX, EA7GHB, EA7GW, EA7HCQ, EA7LR, EA7VE, EA8AGG, EA9PD, EA9TC, EC1AFH, EC1AIM, EC1AIW, EC1DLF, EC2ALB, EC3ABF, EC3ARC, EC3ADU, EC3CYI, EC5CX, EW6TU, F5MVU, G4IJF, HA3GF, HA3GN, JA71PØ, IK3UMU, IT97GY, IV3PRK, JF1SQC, KBØOXN, KE4BM, KK4HV, KR4NY, KX7J, LA1NG, LA2[illegible], LA2KD, LA2QM, LA3J[illegible], LA4BN, LA4JHA, LA4DGA, LA6BBA, LA6?FA, LA7CL, LA7IL, LA8CU, LA8IGA, LA8KHA, LA8LA, LA8NHA, LA9FFA, LA9HF, LA9NM, LA9VGA, LU1HGN, LU7HF, LY2BAG, LZ1CW, LZ1EV, LZ2[illegible], OE6CLD, OH1XX, OH2BC, OH2KG, OH3BI, OH4LBX, OH6NVC, OK2PJD, OS5FV, OZ1EUC, OZ8DX, PAØASN, PA3TV, PA3UV, PA2SWL, RA3IG, RA3HN, RA4PKL, RA6YR, RA9FF, RK1NWD, RK3YXP, RK9AWQ, RV1AQ, RX9LTB, RZ6AXO, SK6AG, SMØBXT, SMØCSX, SMØUGV, SM2KAL, SM3ETC, SM3GBA, SM3MHD, SM3VQF, SM3QU, SM4AWC, SM5BBS, SM5BFJ, SM5CVC, SM6LJP, SM6OLL, SM6FVB, SM6SHF, SM7ARL, SM7NWH, SM7UFW, SM7UYS, SN7L, SPØ2003-OP, SP1AEN, SP1AFU, SP1GZT, SP2DWA, SP2HHX, SP2IU, SP2LNW, SP2WFP, SP3LFV, SP4CMW, SP5ALV, SP5AY, SP5DIG, SP5UIR, SP5DXU, SP5GKN, SP5GRU, SP5JTM, SP5MBI, SP5MXY, SP6AUI, SP6BGZ, SP6CCP, SP6HIB, SP6IZB, SP6MLF, SP6RGB, SP7DPV, SP7OAD, SP7SHG, SP7VCA, SP7VCK, SP8UJH, SP8HHM, SP8UMA, SP8OOB, SP8UFB, SP8WIO, SP8WJG, SP9AVZ, SP9BGH, SP9CJO, SP9JCN, SP9LAS, SP9MQH, SP9WZJ, SP9XCN, UA1ARD, UA6HPQ/EK2, UN6T, UN9LX, UR3FD, UR5LBX, US7WW, UT2XX, UU9JCF, VE3/VK4TC, VE3RM, VO1CA, VP9ON, W7KTY, WB4RUA, WB8GNX, WD4CNZ, WF5E, XE3RKK, YL2IP, YO3AS, YO3DCO, YO5CBF, YO9AIL, YO8KOP, Z32JA
Disqualified [illegible]