Results of the 2012 CQ WW RTTY DX Contest

BY ED MUNS,* WØYK

The 26th CQ WW RTTY Contest enjoyed propagation conditions similar to 2011, though not nearly the solar activity high. Last year the SFI for the two days was 190 and 169 whereas this year it was 136 both days. Twenty meters didn't blackout during the daytime and 10 meters wasn't quite the performer as last year, but on balance the five bands offered lots of opportunity. Accordingly, 81 of the 240 possible continental records were broken and 19 of the 40 world records were surpassed.

With a new record number of logs (3382), a few more calls were logged (14,739 vs. 14,403) and a few less countries were active (209 vs. 214). 9A1A captured the most total mults at 810. P49X had the most VE/US QTHs at 270, NR4M had the most zones at 144, and ES9C had the most countries at 430. The highest single band VE/US QTH count was 58 by LX7I, 9A5BWW,and GM3W on 15 meters. The highest zone count was 37 also on 15 meters by IV3TMV and EYØA. And, the most band-countries was 108 by UZ2M on 10 meters.

QRP categories were added to all the Single-Op and Single-Op Assisted categories this year to mirror the CW and SSB sections of CQ WW. This added 12 world and 80 continent categories to Single-Op and Single-Op Assisted. Accordingly, there are now 40 world categories and 240 continental categories, plenty to choose from! 36% of these categories had new records set in this contest. This is a tribute to both the solar activity and the overall participation by stations worldwide. Here is a summary of the new records set:

	World		Continent	
	New	Avail.	New	Avail.
SO10	4	6	19	36
SO15	3	6	14	36
SO20	3	6	7	36
SO40	3	6	11	36
SO80	1	6	2	36
SOAB	4	6	19	36
MS		2	5	12
M2		1	1	6
MM	1	1	3	6
Total	19	40	81	240

(Assisted and unassisted categories combined)

Single-Op High Power (624 logs submitted)

Single-Op All Band High Power (462). Alexandr UA5C operating EF8M, blasted the world record by 30% to 13.8M. Bernie ZS4TX operating CR2X took second with 6.4M for a new Europe record. John K1FWE was third with 5.0M. Filipe CT1ILT was fourth with 4.7M while Dave NH2T (N2NL) nearly tied and set a new Oceania record for fifth with 4.7M. Alexander A65BP set a new Asia record with 4.3M for 6th place this year.

Single-Op 80 Meters High Power (9). G. Franco I4AVG won with 154K with the next seven places also being from Europe.

Single-Op 40 Meters High Power (21). Jham HK1T set a new SA record of 490K to win and Dusan YT8A took second with 449K. Juan YW5T was third with 390K.

Single-Op 20 Meters High Power (34). Markovic YT2R won with 750K while Gennadiy UN1L took second with 744K. John W4AAA (KK9A) took third with 740K and Krzysztof HF4K was fourth with 728K. The order of finish came down to log checking for these top four.

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Alexandr UA5C piloting EF8M and calmly marching to a smashing 30% uplift of the world SO HP record.

Single-Op 15 Meters High Power (38). Jorge HK1R was first with 1.0M and the new SA record and Yuri EY0A was nearly tied with 1.0M for the new Asia record. Third place Jan 9A5Y set the new Europe record with 786K. Edgar HI8PLE took fourth with 754K and the new NA record.

Single-Op 10-Meter High Power (60). Allan PJ2/VE7SZ won with 675K and Eric W4DXX was second with 586K and the new NA record. Balannec TM0T took third with 578K and the new Europe record.

Single Operator Low Power (1459 logs submitted)

Single-Op All Band Low Power (1050). Alek SQ9UM won with 3.2M for a new Europe record and Wanderley ZZ2T (PY2MNL) was second with 3.0M. Kristjan S50XX was third with 2.7M and Morten LA7HJA was fourth with 2.6M. Fifth place Max KH6ZM set a new Oceania record with 2.4M.

Single-Op 80-Meter Low Power (20). Tomek SQ2RGB was first with 60K and Daniel VE2SB set a new NA record with 59K.

Single-Op 40-Meter Low Power (42). Paco EA3GLB won with 268K and Bob WA1Z was second with 255K. 6th place Evgeni 4Z5UN set a new Asia record with 111K. Iskandar YC9WDR set the Oceania record at 170 points!

Single-Op 20-Meter Low Power (84). Mohamed 5C5W (CN8KD) set a new world record with 671K and second place Vlad UW5U won Europe with 367K. Third place Alexander R9MJ set a new Asia record with 358K.

Single-Op 15-Meter Low Power (117). Enrico 6V7X (IK2FIL)set a new world record with 664K and Mario HK3TY took second place with 484K.

Single-Op 10-Meter Low Power (146). Dunia EA8MT set a new world record with 585K and Fred WW4LL set a new NA record with 408K. Third place Francisco EE7Y set the new Europe record with 361K.

2012 CQ WW RTTY CONTEST PLAQUE WINNERS AND SPONSORS

Single Operator High Power

World: Sponsored by John Orton, W5JBO. **Winner: EF8M (op: Alexandr Gimanov UA5C)**
Europe: Sponsored by Rodreigo F. Herrera Quintero, Angro Comunicaciones S.L.. **Winner: CR2X (op: Bernie Van Der Walt ZS4TX)**
North America: Sponsored by Bill Heinzinger, W9OL. **Winner: John Webster, K1FWE**
Canada: Sponsored by Contest Group du Quebec in memoriam of Alexey, VE2XAA. **Winner: Koji Kimoto, VA7KO**
USA: Sponsored by "Charles Anderson, KK5OQ. **Winner: W7RN (op: Jeff Stai WK6I)**

Single Operator Low Power

World: Sponsored by "Don Hill, AA5AU. **Winner: Alek Wieczorek, SQ9UM**
Asia: Sponsored by Jim Reisert, AD1C. **Winner: Nand Kishore, VU2NKS**
North America: Sponsored by Joseph Young, W6RLL. **Winner: Richard Ferch, VE3KI**
South America: Sponsored by Trey Garlough, N5KO. **Winner: ZZ2T (op: Wanderley Ferreira Gomes PY2MNL)**
Southern Cone (CE-CX-LU): Sponsored by LU Contest Group. **Winner: Sebastian Jose Torti, LU7FTS**

Single Operator Assisted High Power

World: Sponsored by Mike Sims, K4GMH. **Winner: Rick Davenport, KI1G**
North America: Sponsored by Anthony J. Cioffi, N2KI. **Winner: Bud Trench, AA3B**
USA: Sponsored by Rudy Bakalov, N2WQ. **Winner: Mike Sims, K4GMH**

Single-Op Assisted Low Power

World: Sponsored by Jim Barron, WB5AAA. **Winner: Fabi Bertolotto, VA2UP**
Asia: Sponsored by Lakshman "Lucky" Bijanki, VU2LBW. **Winner: Romeo V. Eltsov, RW9C**
W/VE/XE: Sponsored by Rudy Bakalov, N2WQ. **Winner: Jim Bowman, KS1J**

Single Operator Single Band

World 28 MHz High Power: Sponsored by Steve Hodgson, ZC4LI. **Winner: Allan Buckshon, PJ2/VE7SZ**
World 28 MHz Low Power: Sponsored by Wray Dudley, AB4SF. **Winner: Dunia, EA8MT**
North America 28 MHz Low Power Assisted: Sponsored by Orleans County ARC. **Winner: Wayne King, N2WK**
World 21 MHz High Power: Sponsored by Steve "Sid" Caesar, NH7C. **Winner: Jorge Prieto, HK1R**
World 14 MHz High Power: Sponsored by Kenneth Young, AB4GG. **Winner: Gennadiy Gleizer, UN1L**
Europe 14 MHz High Power: Sponsored by Bob Raymond, WA1Z. **Winner: Markovic Milovan, YT2R**
North America 14 MHz High Power: Sponsored by Patrick W. Soileau, ND5C. **Winner: John Bayne, W4AAA (KK9A)**
USA 14 MHz HP: Sponsored by Jamie Punderson W2QO. **Winner: W7PU (op. Harry Wong, N7DOE)**
World 3.5 MHz HP: Sponsored by Glenn Vinson, W6OTC. **Winner: G. Franco Aviani, I4AVG**

Multi-Single High Power

World: Sponsored by Kevin Rowett, K6TD. **Winner: ES9C (ops: OH2BP, YL3DW, YL2KF, YL1ZF, ES1OX, ES2MC, ES2DW, ES2NA, ES5RY, ES5TV, ES5JR, ES5GP, ES5PC, ES5HTA)**
North America: Sponsored by Steve Jarrett, K4FJ. **Winner: W1UE (ops: K1LZ, W1UE, K3JO, W1UJ, N2WQ, K1XM)**
USA: Sponsored by Jack Satterthwaite, K3KG. **Winner: K4FJ (ops: K4FJ, K3KG)**

Multi-Two

World: Sponsored by Ed Muns, WØYK. **Winner: P49X (ops: W6OTC, WØYK)**
Europe: Sponsored by CT3 Madeira Contest Team/CR3A/CQ9K. **Winner: ED1R (ops: DH1TW, EA1AR, EC1KR, EB3CW, EA4TD, EC4DX)**
North America: Sponsored by Steve Merchant, K6AW. **Winner: VE7SV (ops: VE7SV, VE7AG, VE7AHA, VE7DZO VE7CC)**

Multi-Multi

World: Sponsored by KA4RRU RTTY Team. **Winner: CR3L (ops: DJ6QT, DL1YFF, DK1MM, DK1QH, DK4QT, DJ3IW, DM3BJ, E73Y, S56A)**
Europe: Sponsored by DX Old Timers Club - Silvano Amenta, KB5GL/IT9SEZ, Memorial. **Winner: 9A1A (ops: 9A2DQ, 9A4CD, 9A5DDT, 9A5E, 9A5W, 9A6A, 9A7IMR, 9A7R, 9A9A)**

Club Competition

World: Sponsored by Potomac Valley Radio Club. **Winner: Rhein Ruhr DX Association**
North America: Sponsored by Northern California Contest Club. **Winner: Potomac Valley Radio Club**

Frederico, EA1GT, exercising the new SO AB QRP category!

S55CERKNO was a special event callsign marking the 55th anniversary of radioclub Cerkno.

Single Operator QRP (80 logs submitted)

This category is new, bringing RTTY in line with the other modes of CQ WW. Therefore all of this year's top scores also establish the category records.

Single-Op All Band QRP Power (53). Gendron F5BEG set the world record at an impressive 1.0M with Dave K2YG setting the NA record with 844K for second place. Gerry MØVAA took third with 684K. Jose EA9CD set the Africa record at 190K.

Single-Op 80-Meter QRP (3). Gyorgy HA1WD set the world record at 25K.

Single-Op 40-Meter QRP (4). Gulyas HG6C (HA6IAM) set the world record of 46K while 4th place Amaurys CO6WYR set the NA record at 6K.

Single-Op 20-Meter QRP (4). Vittorio IZ2JPN set the world record at 96K and third place Jose LU1FM set the SA record at 19K

Single-Op 15-Meter QRP (4). Yoshi JH7RTQ set the world record with 128K and second place Rudolf OM6RK set the Europe record with 101K.

Single-Op 10-Meter QRP (12). Francesco IØUZF established the first world record with 178K and 5th place Hiro JH3DMQ set the Asia record with 32K. The NA record was set by 6th place Greg WD9FTZ with 12K.

Single-Op Assisted High Power (450 logs submitted)

Single-Op Assisted All Band High Power (334). Similar to 2011, Rick KI1G once again took first place world with 7.0M and the

new NA record. Yuri RG9A took second again with 6.3M, Vadim R9DX was third with 5.6M and Bud AA3B was fourth again with 5.4M.

Single-Op Assisted 80M High Power (4). The first three places came from Europe by Harald DL2SAX with 29K, Riemann DC3RJ with 20K and Nigel G0RPM with 4K.

Single-Op Assisted 40M High Power (21). Antonio CT3EN was first with 480K and a new Africa record. Oleg EI7KD was second with 395K.

Single-Op Assisted 20M High Power (11). Alexey RA9DF set a new Asia record of 868K for first place and Marko OHØI took second with 636K.

Single-Op Assisted 15M High Power (38). Luis CT3EE took first with 948K, just shy of the world record. Van F4DXW was second with 812K and Joel VE6WQ was third with 793K and a new NA record. Dmitrienk UC0A was 15th with 387K and a new Asia record.

Single-Op Assisted 10M High Power (42). Hans DF9ZP was first with 544K and the new Europe record. Victor UW1M was a close second with 510K and Will K6ND was third with 467K and a new NA record. Kazu JA1BPA was 7th with 413K and the new Asia record.

2012 CQ WW RTTY CONTEST TOP SCORES

WORLD
SINGLE OPERATOR
HIGH POWER ALL BAND

EF8M	13,784,035
CR2X	6,446,946
K1FWE	5,045,852
CT1ILT	4,745,592
NH2T	4,693,716

28 MHz

PJ2/VE7SZ	674,544
W4DXX	585,836
TMØT	577,716

21 MHz

HK1R	998,631
EYØA	995,274
9A5Y	785,510

14 MHz

YT2R	750,426
UN1L	744,462
W4AAA	739,928

7 MHz

HK1T	490,116
YT8A	448,902
YW5T	389,550

3.5 MHz

I4AVG	154,000
9A5MT	105,600
HG1G	91,464

LOW POWER ALL BAND

*SQ9UM	3,191,741
*ZZ2T	3,044,304
*SSØXX	2,695,824
*LA7HJA	2,641,962
*KH6ZM	2,369,736

28 MHz

*EA8MT	585,333
*WW4LL	407,792
*EE7Y	361,420

21 MHz

*6V7X	664,320
*HK3TY	484,056
*LZ2JA	288,610

14 MHz

*5C5W	671,340
*UW5U	367,137
*R9MJ	357,561

7 MHz

*EA3GLB	268,409
*WA1Z	255,345
*2IØGWA	154,665

3.5 MHz

*SQ2RGB	60,016
*VE2SB	59,340
*SP9KDA	52,887

QRP

F5BEG	1,019,250
K2YG	843,780
MØVAA	684,320
F5VBT	663,481
HD2A	349,141

28 MHz

IØUZF	178,152
S54AA	53,179
SQ9ORQ	41,515

21 MHz

JH7RTQ	127,821
OM6RK	101,270
SP4LVK	61,811

14 MHz

IZ2JPN	96,406
YU1NR	57,672
LU1FM	18,772

7 MHz

HG6C	46,288
E73TTT	34,510
IZ3NVR	15,834

3.5 MHz

HA1WD	25,004
UT3N	11,988
SQ2OFX	275

ASSISTED
HIGH POWER ALL BAND

KI1G	7,026,123
RG9A	6,268,784
R9DX	5,609,709
AA3B	5,357,990
K4GMH	5,031,980

28 MHz

DF9ZP	544,128
UW1M	510,150
K6ND/1	466,710

21 MHz

CT3EE	947,984
F4DXW	811,502
VE6WQ	792,728

14 MHz

RA9DF	867,996
OHØI	635,888
HA8QZ	397,824

7 MHz

CT3EN	479,520
EI7KD	395,222
ON5KQ	343,445

3.5 MHz

DL2SAX	29,100
DC3RJ	20,064
GØRPM	3,686

LOW POWER ALL BAND

*VA2UP	5,063,832
*EO3Q	2,275,840
*KS1J	1,961,886
*RW9C	1,880,334
*OE2E	1,593,404

28 MHz

*EA1DR	402,110
*N2WK	314,340
*EE8O	223,651

21 MHz

*E7/YT3H	403,047
*EA5EN	307,242
*AB1J/9	273,182

14 MHz

*W4LC	145,424
*OM4O	122,988
*SP1MHZ	70,801

7 MHz

*IN3QBR	187,980
*LZ9R	185,600
*EN1C	108,047

3.5 MHz

*IKØXBX	19,552
*DJ8ES	16,112
*UX9Q	7,752

QRP
ALL BAND

HAØGK	296,058
YO8WW	108,046
IZ2QKG	54,208
IWØRFB	31,496
E71DX	532

28 MHz

YO9BXC	17,168
SP9RQH	3,612

21 MHz

EU3AA	1,560

14 MHz

VE3XD	66,930

7 MHz

UX5UU	57,792
E77TA	6,390

MULTI-OPERATOR
SINGLE TRANSMITTER
HIGH POWER

ES9C	7,423,745
UZ2M	6,882,380
W1UE	6,155,760
OL7M	5,770,935
S5ØW	4,599,387

MULTI-OPERATOR
SINGLE TRANSMITTER
LOW POWER

*P4ØG	4,122,177
*VP9I	3,465,924
*CR5D	2,676,483
*DD1A	2,403,723
*ZA/OK6DJ	2,193,604

MULTI-OPERATOR
TWO TRANSMITTER

P49X	12,509,318
ED1R	9,398,554
LX7I	9,226,890
IT9BLB	8,644,563
IQ1RY	7,076,550

MULTI-OPERATOR
MULTI-TRANSMITTER

CR3L	14,970,254
9A1A	12,881,550
K1SFA	10,343,424
NR4M	10,176,760
HG1S	8,976,768

UNITED STATES
SINGLE OPERATOR
HIGH POWER ALL BAND

K1FWE	5,045,852
W7RN	3,734,172
AG4W	2,070,982
AB4GG	1,951,776
NX9G	1,663,688

28 MHz

W4DXX	585,836
N5RZ	440,448
N7US/9	406,174

21 MHz

K9OM	457,952
K5RZA	335,808
W7CT	328,118
WA3AAN	74,015

14 MHz

W4AAA	739,928
W7PU	55,680
W6KNB	38,190

7 MHz

W1TY/2	121,968
K7WP	110,490
W7RY	73,677

3.5 MHz

K9MUG/4	19,032

LOW POWER ALL BAND

*WA1FCN/4	1,296,653
*NTØF	1,167,020
*K7TQ	1,118,285
*AD5XD	981,615
*KA1C	937,837

28 MHz

*WW4LL	407,792
*N2ZN	245,363
*K7ULS	146,168

21 MHz

*KZ5A	249,736
*N3GH	211,736
*WB3JFS/7	74,175

14 MHz

*K8MU	131,186
*W1ZD/7	105,840
*W9ILY	87,913

7 MHz

*WA1Z	255,345
*K9WX	40,456
*W6ZL	5,292

3.5 MHz

*W9KVR	2,700
*NQ4K	1,470

QRP
ALL BAND

K2YG	843,780
W6QU	301,310
WD3K	126,635
KC7CM	56,922
AI9K	35,670

28 MHz

WD9FTZ/8	11,966
KIØG	1,632
N8NOO	760

ASSISTED
HIGH POWER ALL BAND

KI1G	7,026,123
AA3B	5,357,990
K4GMH	5,031,980
W3FV	2,685,279
K3WI/4	2,629,611

28 MHz

K6ND/1	466,710
N6RO	376,200
KK5OQ	354,042

21 MHz

AA5AU	438,480
K7OX	280,872
W6WRT	217,310

7 MHz

WJ2D/4	207,123
N7AT	163,800
KA1GEU	66,880

LOW POWER ALL BAND

*KS1J	1,961,886
*KA2D	1,480,480
*KA2KON/1	1,019,569
*KCØBMF	997,045
*AB4SF	892,074

28 MHz

*N2WK	314,340
*KCØDEB	123,046
*W6HGF/4	63,345

21 MHz

*AB1J/9	273,182
*K7XC	172,142
*K4MM	36,865

14 MHz

*W4LC	145,424

7 MHz

*K2FF/5	62,608
*N6MA/7	58,600
*W6RKC	3,362

MULTI-OPERATOR
SINGLE TRANSMITTER
HIGH POWER

W1UE	6,155,760
K4FJ	4,130,352
WØLSD	3,343,710
NC4CS	2,349,616
N7BV	1,975,320

MULTI-OPERATOR
SINGLE TRANSMITTER
LOW POWER

*N9LAH	1,604,330
*WJ4N	1,068,449
*NY2GB	815,502
*N3WZR	428,400
*W2MZV/Ø	216,609

MULTI-OPERATOR
TWO TRANSMITTER

KØIR	5,644,000
W1DX	2,913,840
WY3P/4	1,446,470

MULTI-OPERATOR
MULTI-TRANSMITTER

K1SFA	10,343,424
NR4M	10,176,760
KA4RRU	4,698,760

EUROPE
SINGLE OPERATOR
HIGH POWER ALL BANDA

CR2X	6,446,946
CT1ILT	4,745,592
SN7Q	4,291,224
DL4MCF	3,798,552
UU7J	3,544,515

28 MHz

TMØT	577,716
HG7T	459,888
OH1F	395,578

21 MHz

9A5Y	785,510
UA5F	728,506
OL8M	508,923

14 MHz

YT2R	750,426
HF4K	727,650
Z37M	694,331

7 MHz

YT8A	448,902
9A2UZ	137,720
RZ3AV	106,878

3.5 MHz

I4AVG	154,000
9A5MT	105,600
HG1G	91,464

LOW POWER ALL BAND

*SQ9UM	3,191,741
*S5ØXX	2,695,824
*LA7HJA	2,641,962
*URØHQ	1,549,086
*R7MM	1,530,542

28 MHz

*EE7Y	361,420
*YO3JF	284,258
*DL1DTL	157,284

21 MHz

*LZ2JA	288,610
*CT1EEK	277,992
*OK2VWB	230,160

14 MHz

*UW5U	367,137
*EU1DX	273,504
*RZ1ZZ	273,461

7 MHz

*EA3GLB	268,409
*2IØGWA	154,665
*YL3CU	153,545

3.5 MHz

*SQ2RGB	60,016
*SP9KDA	52,887
*SQ2NNN	42,540

QRP
ALL BAND

F5BEG	1,019,250
MØVAA	684,320
F5VBT	663,481
EA1GT	332,362
PE2K	331,515

28 MHz

IØUZF	178,152
S54AA	53,179
SQ9ORQ	41,515

21 MHz

OM6RK	101,270
SP4LVK	61,811
YO3DAC	12,480

14 MHz

IZ2JPN	96,406
YU1NR	57,672
EA5GTQ	325

7 MHz

HG6C	46,288
E73TTT	34,510
IZ3NVR	15,834

3.5 MHz

HA1WD	25,004
UT3N	11,988
SQ2OFX	275

ASSISTED
HIGH POWER ALL BAND

IK4MGP	4,720,347
ER4A	4,476,836
UA4M	4,055,310
LN5O	3,554,938
OM5ZW	3,273,945

28 MHz

DF9ZP	544,128
UW1M	510,150
F8DBF	453,288

21 MHz

F4DXW	811,502
GM3W	647,075
3Z2X	617,892

14 MHz

OHØI	635,888
HA8QZ	397,824
S53M	387,315

7 MHz

EI7KD	395,222
ON5KQ	343,445
GW4SKA	317,317

3.5 MHz

DL2SAX	29,100
DC3RJ	20,064
GØRPM	3,686

LOW POWER ALL BAND

*EO3Q	2,275,840
*OE2E	1,593,404
*DL9YAJ	1,410,162
*EA5DKU	1,339,666
*LA5LJA	1,102,418

28 MHz

*EA1DR	402,110
*SP6GCU	198,468
*SQ1K	141,120

21 MHz

*E7/YT3H	403,047
*EA5EN	307,242
*EA3EZD	248,492

14 MHz

*OM4O	122,988
*SP1MHZ	70,801
*TA1EE	65,965

7 MHz

*IN3QBR	187,980
*LZ9R	185,600
*EN1C	108,047

3.5 MHz

*IKØXBX	19,552
*DJ8ES	16,112
*UX9Q	7,752

QRP ASSISTED
ALL BAND

HAØGK	296,058
YO8WW	108,046
IZ2QKG	54,208
IWØRFB	31,496
E71DX	532

28 MHz

YO9BXC	17,168
SP9RQH	3,612

21 MHz

EU3AA	1,560

7 MHz

UX5UU	57,792
E77TA	6,390

MULTI-OPERATOR
SINGLE TRANSMITTER
HIGH POWER

ES9C	7,423,745
UZ2M	6,882,380
OL7M	5,770,935
S5ØW	4,599,387
IQ2CJ	4,451,272

MULTI-OPERATOR
SINGLE TRANSMITTER
LOW POWER

*CR5D	2,676,483
*DD1A	2,403,723
*ZA/OK6DJ	2,193,604
*OH5AG	2,062,737
*ED2V	1,644,148

MULTI-OPERATOR
TWO TRANSMITTER

ED1R	9,398,554
LX7I	9,226,890
IT9BLB	8,644,563
IQ1RY	7,076,550
EF7R	6,359,964

MULTI-OPERATOR
MULTI-TRANSMITTER

9A1A	12,881,550
HG1S	8,976,768
SP4YPB	1,491,790
PA4J	786,310
SP7PTK	99,550

**Low Power*

2012 WW RTTY BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs, Countries, Zones, US/VE on each band

WORLD TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
EF8M	288/43/14/39	831/61/20/54	1516/84/32/56	1830/90/33/54	1903/87/33/55
CR2X	183/36/8/34	615/59/16/51	1036/82/32/55	1031/71/28/53	1207/76/29/52
K1FWE	99/21/8/28	561/60/22/49	922/75/29/51	969/82/30/44	784/67/23/25
CT1ILT	176/43/13/28	340/60/17/36	621/73/28/55	900/82/32/56	726/75/30/56
NH2T	9/5/6/2	247/37/23/29	497/63/27/30	1026/82/34/52	1220/73/29/49

USA TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
K1FWE	99/21/8/28	561/60/22/49	922/75/29/51	969/82/30/44	784/67/23/25
W7RN	118/7/7/39	531/52/25/49	479/57/26/50	1081/73/28/53	784/69/28/43
AG4W	74/9/6/29	270/60/19/35	363/60/20/43	535/70/25/39	396/71/28/28
AB4GG	116/9/7/36	304/49/17/43	557/59/19/47	565/64/24/39	215/50/15/8
NX9G	109/11/7/41	498/55/19/48	490/56/20/44	685/58/22/28	66/20/7/6

WORLD TOP SINGLE OPERATOR ASSISTED ALL BAND

KI1G	222/36/14/46	584/72/22/52	810/92/33/50	1087/97/34/48	970/99/34/42
RG9A	261/45/9/0	599/65/18/9	888/91/31/48	1146/103/36/49	656/87/31/24
R9DX	370/48/10/0	465/59/19/9	868/79/33/50	984/85/31/41	727/88/31/20
AA3B	258/35/11/45	725/68/21/53	626/83/30/46	871/87/30/35	800/79/24/23
*VA2UP	172/26/11/41	668/62/19/52	601/78/24/46	840/78/28/43	810/75/27/26

USA TOP SINGLE OPERATOR ASSISTED ALL BAND

KI1G	222/36/14/46	584/72/22/52	810/92/33/50	1087/97/34/48	970/99/34/42
AA3B	258/35/11/45	725/68/21/53	626/83/30/46	871/87/30/35	800/79/24/23
K4GMH	266/32/10/46	524/56/16/48	706/76/26/45	1033/80/28/39	772/72/23/25
W3FV	0/0/0/0	246/47/12/39	520/84/29/40	574/80/29/23	731/68/22/18
K3WI/4	14/7/4/9	283/54/15/31	411/59/19/19	582/72/25/24	805/76/26/19

WORLD MULTI-OP SINGLE TRANSMITTER

ES9C	377/56/14/11	776/75/23/41	990/100/34/53	1044/101/35/54	834/101/35/52
UZ2M	232/53/14/8	692/74/24/45	872/94/34/51	1114/95/36/54	998/108/35/47
W1UE	188/40/13/46	647/73/25/54	847/97/34/53	913/99/35/50	714/86/30/45
OL7M	316/54/14/17	478/69/19/46	684/97/32/50	926/94/35/54	681/102/34/54
S5ØW	274/52/13/6	527/71/21/45	748/96/32/51	642/92/34/51	482/92/33/52

USA MULTI-OP SINGLE TRANSMITTER

W1UE	188/40/13/46	647/73/25/54	847/97/34/53	913/99/35/50	714/86/30/45
K4FJ	82/18/11/28	344/57/16/43	745/89/31/45	667/90/31/40	736/90/29/30
WØLSD	92/9/9/40	556/66/27/48	294/87/32/47	620/84/32/48	684/82/26/44
NC4CS	21/17/8/6	526/59/16/51	774/75/29/45	535/78/27/24	238/63/20/6
N7BV	61/6/6/30	290/24/20/43	191/68/26/42	804/78/31/51	473/64/27/42

WORLD MULTI-OP TWO TRANSMITTER

P49X	218/34/14/48	837/71/22/53	871/77/31/55	1910/96/35/57	1967/80/31/57
ED1R	286/50/14/22	854/72/21/50	1170/95/34/55	1442/90/33/55	1210/99/36/55
LX7I	636/57/15/28	1033/78/26/51	953/87/33/47	1256/94/31/58	1162/93/34/53
IT9BLB	367/53/14/26	743/67/21/44	1119/93/33/53	1299/98/34/54	1064/98/35/56
IQ1RY	330/44/12/21	769/66/20/52	989/82/33/54	955/89/33/54	910/90/36/55

USA MULTI-OP TWO TRANSMITTER

KØIR	262/22/11/47	627/64/26/48	624/77/28/47	1308/80/33/51	994/77/29/24
W1DX	26/11/6/11	257/60/19/40	402/71/26/39	604/88/32/32	758/82/28/23
WY3P/4	87/22/9/27	172/43/12/36	473/58/17/39	170/38/14/22	546/64/22/14

WORLD MULTI-OP MULTI-TRANSMITTER

CR3L	319/49/15/29	1001/72/23/53	2070/95/32/57	1640/102/31/55	1572/93/32/55
9A1A	733/55/13/22	1400/82/26/51	1770/102/34/55	1558/96/36/55	1179/98/34/55
K1SFA	425/38/14/53	1088/75/26/55	1549/96/33/54	1449/94/33/49	1258/87/30/40
NR4M	511/48/17/54	1010/75/27/54	1428/94/35/56	1292/94/33/50	1307/95/32/44
HG1S	577/53/14/8	1104/81/26/45	1198/96/32/51	1347/100/35/54	838/92/34/55

USA MULTI-OP MULTI-TRANSMITTER

K1SFA	425/38/14/53	1088/75/26/55	1549/96/33/54	1449/94/33/49	1258/87/30/40
NR4M	511/48/17/54	1010/75/27/54	1428/94/35/56	1292/94/33/50	1307/95/32/44
KA4RRU	335/19/12/49	539/59/19/50	968/82/27/53	969/82/28/41	662/73/27/28

Single-Op Assisted Low Power (378 logs submitted)

Single-Op Assisted All Band Low Power (284). Fabi VA2UP set a new world record with 5.1M and Ruslan EO3Q took second with 2.3M. Fourth place Romeo RW9C set a new Asia record with 1.9M.

Single-Op Assisted 80M Low Power (6). Fucelli IKØXBX won with 20K and Wolfgang DJ8ES was second with 16K.

Single-Op Assisted 40M Low Power (11). Mauro IN3QBR set a new world record of 188K with Atanas LZ9R (LZ3YY) close behind with 186K. Fourth place Glenn K2FF set a new NA record with 63K.

Single-Op Assisted 20M Low Power (8). James W4LC won with 145K and a new NA record and Rado OM4O took second with 123K.

Single-Op Assisted 15M Low Power (27). Aleksandar E7/YT3H was first with 403K and Mateo EA5EN was second with 307K. Third place Kermit AB1J with 273K set a new NA record. 9th place Wes ZL3TE set a new Oceania record with 132k.

Single-Op Assisted 10M Low Power (42). Oscar EA1DR scored 402K for a new world record and Wayne N2WK made 314K for a new NA record. Third place Oscar EE8O set a new Africa record with 224K. 8th place Hisami 7L4IOU set a new Asia record with 123K.

Single-Op Assisted QRP (11 logs submitted)

This category is new, bringing RTTY in line with the other modes of CQ WW. Therefore all of this year's top scores also establish the category records.

Single-Op Assisted All Band QRP (5). Farkas HAØGK established the world record with 296K.

Single-Op Assisted 80M QRP (0). There were no entries.

Single-Op Assisted 40M QRP (2). Alex UX5UU set the world record with 58K.

Single-Op Assisted 20M QRP (1). Don VE3XD set the world record with 67K.

Single-Op Assisted 15M QRP (1). Victor EU3AA set the world record with 1.6K.

Single-Op Assisted 10M QRP (2). Florentin YO9BXC set the world record with 17K.

Multi-Operator (148 logs submitted)

Multi-Single High Power (70). The ES9C (OH2BP, YL3DW, YL2KF, YL1ZF, ES1OX, ES2MC, ES2DW, ES2NA, ES5RY, ES5TV, ES5JR, ES5GP, ES5PC, ES5HTA) team set a new Europe record with 7.4M. UZ2M (RA4LW, R7LV, UX2IO, UR5MID, UX3MZ, UT7GX, UX3MR, UR0MC, UT3MD) was second with 6.9M. W1UE (K1LZ, W1UE, K3JO, W1UJ, N2WQ, K1XM) set a new NA record with 6.2M for third place.

Multi-Single Low Power (45). The P40G team of W4TMO and N4CW set a new SA record, narrowly missing the world record, for

Ed WØYK/P49X and Glenn W6OTC watching the photographer during some CQs as a M2.

EUROPE TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
CR2X	183/36/8/34	615/59/16/51	1036/82/32/55	1031/71/28/53	1207/76/29/52
CT1ILT	176/43/13/28	340/60/17/36	621/73/28/55	900/82/32/56	726/75/30/56
SN7Q	297/46/12/14	486/56/17/43	681/65/23/42	731/79/31/55	620/66/28/46
DL4MCF	213/44/10/19	328/61/15/36	525/74/27/47	770/82/31/52	578/73/30/51
UU7J	182/37/7/3	306/56/15/20	746/73/26/52	769/68/29/50	794/73/29/47

EUROPE TOP SINGLE OPERATOR ASSISTED ALL BAND

IK4MGP	211/43/10/23	384/63/22/43	856/83/30/55	638/80/32/51	651/77/34/53
ER4A	306/47/9/5	662/67/21/44	794/78/28/46	690/70/29/49	599/69/33/42
UA4M	160/33/10/0	368/62/17/20	854/88/33/49	928/90/32/46	739/76/28/31
LN5O	205/45/11/4	464/63/18/27	712/87/32/48	695/85/30/49	291/80/30/37
OM5ZW	161/41/9/4	446/63/18/42	446/77/27/40	548/69/28/51	526/81/34/45

EUROPE MULTI-OP SINGLE TRANSMITTER

ES9C	377/56/14/11	776/75/23/41	990/100/34/53	1044/101/35/54	834/101/35/52
UZ2M	232/53/14/8	692/74/24/45	872/94/34/51	1114/95/36/54	998/108/35/47
OL7M	316/54/14/17	478/69/19/46	684/97/32/50	926/94/35/54	681/102/34/54
S5ØW	274/52/13/6	527/71/21/45	748/96/32/51	642/92/34/51	482/92/33/52
IQ2CJ	169/48/11/7	536/65/20/42	579/78/31/49	720/90/35/53	642/93/34/51
OL3Z	268/40/9/7	451/65/20/43	573/76/30/42	568/76/31/50	487/82/34/50

EUROPE MULTI-OP TWO TRANSMITTER

ED1R	286/50/14/22	854/72/21/50	1170/95/34/55	1442/90/33/55	1210/99/36/55
LX7I	636/57/15/28	1033/78/26/51	953/87/33/47	1256/94/31/58	1162/93/34/53
IT9BLB	367/53/14/26	743/67/21/44	1119/93/33/53	1299/98/34/54	1064/98/35/56
IQ1RY	330/44/12/21	769/66/20/52	989/82/33/54	955/89/33/54	910/90/36/55
EF7R	271/46/11/18	550/65/19/46	1124/85/31/53	1020/83/29/49	1036/84/36/53

EUROPE MULTI-OP MULTI-TRANSMITTER

9A1A	733/55/13/22	1400/82/26/51	1770/102/34/55	1558/96/36/55	1179/98/34/55
HG1S	577/53/14/8	1104/81/26/45	1198/96/32/51	1347/100/35/54	838/92/34/55
SP4YPB	284/41/8/1	426/59/19/32	303/62/26/18	217/48/22/36	250/43/27/40
PA4J	1/1/1/0	104/29/8/6	420/56/18/25	248/49/21/23	328/34/20/38
SP7PTK	0/0/0/0	28/18/5/0	68/31/10/8	66/25/14/14	94/27/19/10

first place this year with 4.1M. VP9I (ND8L, WW3S) was second with 3.5M points, marginally improved over last year. CR5D was third with 2.7M.

Multi-Two (20). The P49X team of W6OTC and W0YK took first place with 12.5M, while ED1R (DH1TW, EA1AR, EC1KR, EB3CW, EA4TD, EC4DX) took second with 9.4M points. LX7I (DC8QT, DF7EME, DF7ZS, DF8XC, DL2YCA, DL8LR, LX2A) was close behind with 9.2M.

Multi-Multi (13). A three-continent race for top honors in this category included 2 of the top 3 from last year. Once again CR3L (DJ6QT, DL1YFF, DK1MM, DK1QH, DK4QT, DJ3IW, DM3BJ, E73Y, S56A) prevailed by setting a new world record of 15.0M. 9A1A (9A2DQ, 9A4CD, 9A5DDT, 9A5E, 9A5W, 9A6A, 9A7IMR, 9A7R, 9A9A) took second this year with 12.8M and the new Europe record. K1SFA (AK2D, AK2X, K1MK, K1SFA, K1TTT, KB1SUA, N1TA, W1TO, @K1TTT) took third with another new NA record with 10.3M, narrowly edging out rival NR4M with 10.2M.

Clubs

United States. The Potomac Valley Radio Club (PVRC) rallied the most US logs (51) to win the US with 45.5M, finishing 3rd in the world. Second place Yankee Clipper Contest Club (YCCC) racked up 30.6M with their 31 logs and third place Northern California Contest Club (NCCC) made 23.5M with their 28 logs.

Europe. Amongst the annual top two clubs, it was the Rhein Ruhr DX Association (RRDXA) that prevailed with 57.5M from their 68 logs. The Bavarian Contest Club (BCC) spirited 80 logs that produced 49.6M. The Ukranian Contest Club (UCC) made 26.5M with their 35 logs.

Logs

Log statistics were almost identical to 2011. There were enough logs such that 86.6% of all QSOs were cross-checked and 96.9% of those

2012 WW RTTY CLUB SCORES

United States

	#Entrants	Score
POTOMAC VALLEY RADIO CLUB	51	45,531,781
YANKEE CLIPPER CONTEST CLUB	30	30,568,895
NORTHERN CALIFORNIA CONTEST CLUB	28	23,457,766
MINNESOTA WIRELESS ASSN	38	18,152,185
FRANKFORD RADIO CLUB	17	16,009,426
CTRI CONTEST GROUP	8	13,458,832
FLORIDA CONTEST GROUP	20	10,256,901
ARIZONA OUTLAWS CONTEST CLUB	19	9,268,738
ALABAMA CONTEST GROUP	17	9,148,779
SOCIETY OF MIDWEST CONTESTERS	20	8,265,806
WESTERN WASHINGTON DX CLUB	11	8,072,255
NORTH COAST CONTESTERS	7	5,849,251
GRAND MESA CONTESTERS OF COLORADO	7	5,579,582
WILLAMETTE VALLEY DX CLUB	13	3,615,392
TENNESSEE CONTEST GROUP	14	3,603,704
DFW CONTEST GROUP	8	3,160,102
SOUTHERN CALIFORNIA CONTEST CLUB	14	3,136,778
ORDER OF BOILED OWLS OF NEW YORK	5	2,979,406
HUDSON VALLEY CONTESTERS AND DXERS	5	2,977,085
BERGEN ARA	4	2,736,700
CAROLINA SHINE	3	2,388,754
SOUTH EAST CONTEST CLUB	7	2,139,138
METRO DX CLUB	5	1,977,303
SPOKANE DX ASSOCIATION	8	1,930,279
MAD RIVER RADIO CLUB	7	1,886,867
GEORGIA CONTEST GROUP	5	1,416,096
KANSAS CITY DX CLUB	3	1,380,961
CAROLINA DX ASSOCIATION	5	1,016,047
LOUISIANA CONTEST CLUB	3	961,548
LOW COUNTRY CONTEST CLUB	3	822,208
ORLEANS COUNTY AMATEUR RADIO CLUB	3	671,636
BLACK DIAMOND AMATEUR RADIO CLUB	4	522,174
UTAH DX ASSOCIATION	5	420,172
CENTRAL TEXAS DX AND CONTEST CLUB	5	400,808
BRISTOL (TN/VA) ARC	5	395,297
ROCHESTER (NY) DX ASSN	4	375,095
599 DX ASSOCIATION	3	286,649
KENTUCKY CONTEST GROUP	3	215,824

DX

RHEIN RUHR DX ASSOCIATION	68	57,511,221
BAVARIAN CONTEST CLUB	80	49,555,645
UKRAINIAN CONTEST CLUB	35	26,510,459
CONTEST CLUB FINLAND	16	19,682,128
CROATIAN CONTEST CLUB	11	15,763,948
CONTEST GROUP DU QUEBEC	11	15,695,110
BLACK SEA CONTEST CLUB	33	14,106,342
URAL CONTEST GROUP	6	11,506,458
ORCA DX AND CONTEST CLUB	11	10,950,289
SLOVENIA CONTEST CLUB	13	10,589,188
RUSSIAN CONTEST CLUB	16	8,985,620
SOUTH URAL CONTEST CLUB	4	8,512,918
ARAUCARIA DX GROUP	14	8,142,794
DL-DX RTTY CONTEST GROUP	16	7,149,912
YU CONTEST CLUB	3	7,072,302
TEMIRTAU CONTEST CLUB	5	6,762,954
CONTEST CLUB ONTARIO	24	6,709,106
LATVIAN CONTEST CLUB	10	5,943,960
CHILTERN DX CLUB	4	4,798,324
SP DX CLUB	19	4,735,665
WORLD WIDE YOUNG CONTESTERS	7	4,333,377
HA-DX-CLUB	7	4,278,183
ARCK	6	3,031,648
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	5	2,792,292
KRIVBASS	6	2,619,959
RTTY CONTESTERS OF JAPAN	9	2,490,521
599 CONTEST CLUB	5	2,388,112
VU CONTEST GROUP	5	2,227,851
VK CONTEST CLUB	4	2,207,373
LU CONTEST GROUP	13	2,040,326
GRIMSBY AMATEUR RADIO SOCIETY	5	1,818,179
ALRS ST PETERSBURG	4	1,802,877
CLIPPERTON DX CLUB	6	1,681,664
DONBASS CONTEST CLUB	9	1,660,044
HORNET DX GROUP	5	1,456,101
YB LAND DX CLUB	7	1,423,803
BELARUS CONTEST CLUB	4	1,353,396
YO DX CLUB	5	1,321,049
Z37M CONTEST TEAM	4	1,280,660
SIAM DX GROUP	3	1,155,645
MARITIME CONTEST CLUB	3	1,020,678
OMSK RADIO CLUB	3	817,801
DANISH DX GROUP	4	782,900
SOUTH GERMAN DX GROUP	5	628,155
PERUGIA CONTEST CLUB	6	537,825
GRUPO DXXE	3	488,959
RADIO AMATEUR ASSOCIATION OF WESTERN GREECE	4	360,561
IVANOVO DX CLUB	3	263,780
UA2 CONTEST CLUB	3	249,898
RU-QRP CLUB	3	167,290
RIO DX GROUP	3	117,697
AVZO	3	98,945

QSOs were deemed good. More overall statistics are included as informational background in the individual Log Check Reports (LCRs) that are available upon request to <w0yk@cqwwrtty.com>.

Website

The contest website www.cqwwrtty.com is a valuable source of information to help prepare for the contest, submit logs after the contest, and access results and records spanning the entire history of CQ WW RTTY. Be sure to visit it when you have questions and take a minute now to examine what is there, including the database of all-time results and records.

Thanks

Thanks to all participants for making this a fun event for everyone. Thanks also to the team of volunteers behind the scene who make it all possible:

Gail, K2RED, Managing Editor of *CQ* magazine for over 30 years, who expertly edits and assembles the output from log checking into this published article, as she does for all *CQ* contests.

Ken, K1EA, who provides the log check software and consulting during log check.

Mark, K6UFO, who laboriously types in paper logs.

Steve, N8BJQ, who edited a number of logs to get them into the proper Cabrillo format.

Mike, K4GMH, who manages the CQ RTTY contest plaque program.

Barry, W5GN, who manages the certificate printing and mailing for all CQ contests.

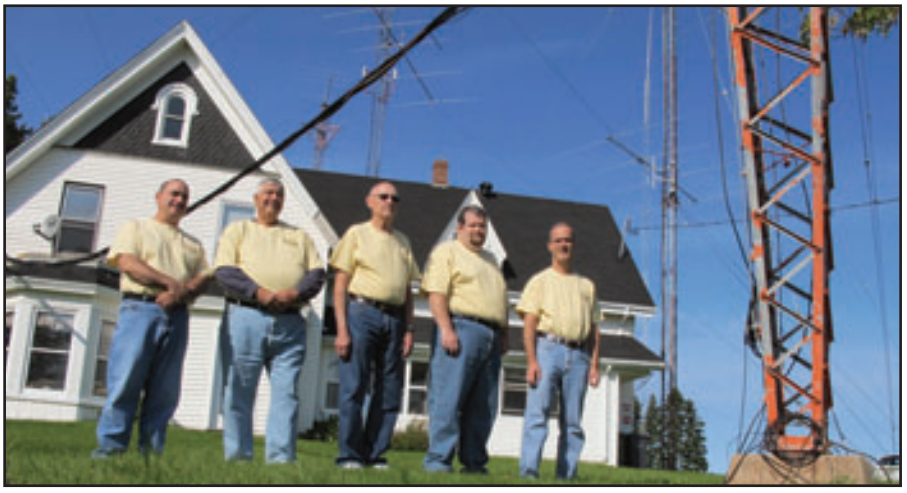
Randy, K5ZD, who set up the original website as well as the searchable scores database that was populated by Don, AA5AU. Randy also has infinite patience with my numerous questions during this process.

Thanks also must go to Bob, K3EST, the former CQ WW Contest Director, for more years than I can count. He was the "go to" person for all of the CQ contests, and is also a top contester in the world.

For expanded results of the contest, including QRM, operators of multi stations, and plaque information, and more, go to <www.cq-amateur-radio.com> and <www.cqwwrtty.com>. I look forward to seeing everyone again in the 27th annual CQ WW RTTY Contest on 28–29 September 2013.

73, Ed, WØYK

(Scores continued on page 103)



The VY2/WC3O team operating MSH and making the VY2 prefix rather common this time (Bob K3RMB, Pat NK3P, Steve KB3EYY, Tony KB3HGJ, Bob WC3O)

2012 WW RTTY TOP SCORES IN VERY ACTIVE ZONES

Zone 3

W7RN	3,734,172
WK7S	2,395,140
VA7KO	1,690,473
K7RL	1,213,464
*K7TQ	1,118,285

Zone 4

WA5ZUP	2,447,484
VE5MX	2,184,760
KØKX	2,078,624
AG4W	2,070,982
AB4GG	1,951,776

Zone 5

KI1G	7,026,123
AA3B	5,357,990
*VA2UP	5,063,832
K1FWE	5,045,852
K4GMH	5,031,980

Zone 14

CR2X	6,446,946
CT1ILT	4,745,592
DL4MCF	3,798,552
LN5O	3,554,938
PI4CG	2,745,681

Zone 15

IK4MGP	4,720,347
SN7Q	4,291,224
OH8X	3,519,315
OM5ZW	3,273,945
*SQ9UM	3,191,741

Zone 16

ER4A	4,476,836
UA4M	4,055,310
UU7J	3,544,515
EM2G	2,650,800
RW4W	2,332,230

Zone 20

YO9HP	3,421,660
YO3CZW	1,666,224
LZ8E	1,637,370
*TA7I	1,275,660
YP1ØØKSE	1,146,544

Zone 25

JH4UYB	3,270,624
JS3CTQ	3,262,430
JA1OVD	1,675,380
JQ1BVI	1,389,555
JA7BME	1,221,857

Results of the 2012 CQ WW DX RTTY Contest *(from p. 22)*

Number groups after callsigns denote the following: Band, Final Score, QSOs, Countries, Zones, US/VE. An asterisk (*) indicates low power. Certificate winners are listed in boldface.

2012 RTTY RESULTS
SINGLE OPERATOR
NORTH AMERICA

United States

K1FWE	**A**	**5,045,852**	**3335**	**305**	**112**	**197**
W1ZK	"	1,251,472	1178	226	87	115
K5ZD/1	"	1,090,115	1070	220	81	102
W1MA	"	258,570	476	125	55	75
NR1X	"	113,886	317	79	32	60
KB1SNB	"	91,332	204	103	39	30
K1GE	"	7,550	56	29	18	3
***KA1C**	**A**	**937,837**	**1013**	**202**	**69**	**138**
*N1IX	"	702,155	896	170	61	86
*W1BYH	"	648,508	681	209	92	136
*K1PU	"	434,238	540	175	72	96
*W1CCE	"	393,030	518	166	70	94
*WA1N	"	340,759	491	152	54	87
*WA1DRQ	"	281,780	427	145	62	85
*K1VU	"	145,418	276	118	57	63
*WA1ZAM	"	116,960	273	104	45	66
*KK1X	"	93,405	232	96	45	54
*KB1DMR	"	86,800	217	103	40	57
*W5JE/1	"	75,432	195	90	42	36
*N1QDX	"	68,850	179	93	39	38
*ND1T	"	36,621	125	69	32	16
*KA1QBO	"	22,200	87	64	26	21
*W1FNB	"	17,496	86	47	21	13
*K1SM	"	15,549	77	55	18	0
***AE1P**	**28**	**119,350**	**414**	**63**	**24**	**23**
*W1BXY	"	7,748	67	24	16	12
***AB1QP**	**21**	**16,827**	**99**	**46**	**13**	**12**
***WA1Z**	**7**	**255,345**	**875**	**68**	**23**	**54**
AB2ZY	**A**	**956,664**	**1030**	**216**	**71**	**125**
WS9M/2	"	950,300	1010	221	75	134
N2ED	"	594,440	843	153	60	95
KZ2R	"	571,510	697	188	64	83
K3EL/2	"	373,730	580	143	57	66
KC2LST	"	281,088	418	154	61	73
K2UF	"	234,913	422	146	49	64
K2NV	"	158,046	357	102	35	22
K2ZC	"	131,400	294	110	39	31
N2JEN	"	92,521	291	73	32	38
AA2DT	"	86,618	213	108	46	7
KC2JKU	"	81,890	233	86	43	61
KC2KZJ	"	9,768	65	40	19	15
W2IUC	**28**	**28,080**	**132**	**50**	**18**	**10**
W1TY/2	**7**	**121,968**	**485**	**64**	**19**	**49**
***K2DSL**	**A**	**871,744**	**931**	**205**	**80**	**139**
*NW2K	"	734,754	804	200	77	140
*WA2LXE	"	659,847	758	198	84	111
*W2DZ	"	202,356	391	124	50	78
*AC2IK	"	135,488	290	111	48	73
*WB2SXY	"	97,121	220	99	51	47
*K4RUM/2	"	92,880	252	85	38	57
*WB2PJH	"	88,110	219	100	39	39
*K9CHP/2	"	69,388	170	94	41	31
*WV2ZOW	"	44,697	137	76	32	33
*KS2G	"	36,120	128	68	32	20
*W2GHD	"	32,357	119	81	36	14
*N2MUN	"	30,090	124	52	25	25
*N2CQ	"	29,815	124	54	26	9
*N2RIT	"	24,552	110	63	25	0
*KC2SYK	"	20,064	98	46	23	19
*K2EN	"	18,236	120	25	15	54
*KC2MBV	"	16,800	86	40	29	36
*K2YR	"	6,417	49	32	20	17
*WA2ACV	"	63	5	2	3	4
***N2ZN**	**28**	**245,363**	**701**	**76**	**29**	**26**
NB3R	**A**	**315,792**	**491**	**157**	**53**	**62**
K3TN	"	90,610	208	99	50	56
WA3FRP	"	86,730	214	95	38	44
N3IYX	"	80,364	209	82	44	55
N3XL	"	51,375	160	84	38	15
K3ATO	"	34,181	129	71	35	27
K2PLF/3	"	23,901	100	52	37	4
WA3AAN	**21**	**74,015**	**303**	**65**	**21**	**27**
K3OK	**7**	**20,075**	**156**	**36**	**11**	**26**
***N3QE**	**A**	**820,267**	**857**	**220**	**79**	**128**
*W3DQN	"	731,757	790	205	70	102
*K3CWF	"	262,128	410	144	49	61
*N8NA/3	"	211,878	343	143	66	28
*W3RTY	"	190,518	374	113	51	62
*W3BUI	"	148,596	301	110	51	42
*WA1LWS/3	"	147,407	283	110	46	65
*N3AM	"	134,436	258	122	49	33
*N8HM/3	"	131,815	265	118	46	41
*AB3IC	"	114,736	246	105	43	54
*N3WD	"	83,182	201	89	51	59
*NC3P	"	70,400	168	92	44	24
*KB3LIX	"	56,108	163	84	38	44
*K3UA	"	21,518	90	49	38	19
*N3RDV	"	18,156	77	53	30	19
*KB3VNH	"	16,900	96	42	23	35
*AD2L/3	"	9,514	67	39	16	12
*W3SFG	"	5,978	44	26	20	15
*KB3GWB	"	2,088	21	21	14	1
*K3YJP	"	792	14	11	8	3
***K3NK**	**28**	**73,598**	**264**	**62**	**25**	**11**
*NE3K	"	13,688	95	37	12	9
***N3GH**	**21**	**211,736**	**544**	**91**	**31**	**30**
***W3/R3FC**	**14**	**9,990**	**90**	**34**	**16**	**24**
*WA2VQV/3	"	105	5	5	2	0
AG4W	**A**	**2,070,982**	**1638**	**270**	**98**	**174**
AB4GG	"	1,951,776	1757	231	82	173
K4FX	"	1,568,627	1373	240	92	155
WX4G	"	1,537,362	1329	256	91	99
N6AR/4	"	893,322	834	232	86	108
AJ4RW	"	869,209	1103	160	60	121
WB2RHM/4	"	820,374	826	227	90	121
NF4A	"	811,642	920	183	71	149
N3BM/4	"	598,650	731	181	71	55
AA4V	"	511,376	797	141	46	61
W2YE/4	"	487,620	620	182	65	77
K4CX	"	422,807	643	136	49	104
NJ2F/4	"	367,066	498	155	62	97
W4WWQ	"	364,348	511	165	71	80
W4UK	"	357,782	561	139	66	84
N4TB	"	324,280	552	120	51	97
N4ZZ	"	275,373	500	126	35	56
NJ4F	"	274,736	405	156	69	83
KG4CUY	"	250,272	402	147	59	58
K4HAL	"	243,660	436	123	59	80
AI4WW	"	237,568	395	131	56	69
K8KI/4	"	232,060	569	127	58	98
NC4MI	"	224,549	392	128	66	105
N4LR	"	220,472	331	161	71	22
ND1Y/4	"	158,631	272	131	63	59
N4TL	"	154,921	303	123	50	48
K4EU	"	127,575	297	89	43	43
W5XB/4	"	117,468	252	110	59	65
NB4M	"	100,891	239	104	51	48
WB4YDY	"	94,192	214	94	52	57
KI4SP	"	83,963	237	86	40	61
N4PSE	"	80,937	257	63	30	60
W4GKM	"	77,356	292	70	38	58
N4AWP	"	70,858	202	92	35	15
N4MM	"	67,554	167	86	49	27
KO4XJ	"	65,720	201	75	35	45
WA4ZXV	"	64,452	165	91	46	27
NA4K	"	55,176	156	85	29	18
K4RO	"	41,064	163	63	20	4
W4IR	"	29,192	121	56	25	8
KR4LO	"	21,120	83	52	37	21
W4GHD	"	19,291	95	55	34	12
WA4NMS	"	13,321	72	37	27	13
N3ND/4	"	12,877	71	40	23	16
W4PFM	"	6,435	47	25	20	20
KW4G	"	5,472	53	23	21	28
W6IHG/4	"	1,584	19	16	12	5
W4DXX	**28**	**585,836**	**1357**	**90**	**29**	**48**
W4AAA	**14**	**739,928**	**1749**	**92**	**32**	**57**
						(OP:KK9A)
AJ4FM	"	18,723	99	46	14	19
K9MUG/4	**3.5**	**19,032**	**206**	**23**	**10**	**45**
***WA1FCN/4**	**A**	**1,296,653**	**1302**	**228**	**92**	**159**
*KC4HW	"	823,550	1067	178	62	110
*W4GDG	"	601,250	742	190	71	109
*KE1F/4	"	557,088	786	163	64	109
*W3SA/4	"	448,301	558	178	73	92
*NV4B	"	404,736	478	178	80	114
*W8KHP/4	"	372,145	532	160	65	58
*W4UEF	"	333,486	474	168	73	50
*W4TIJ	"	248,778	409	137	55	79
*W6DVS/4	"	241,878	369	151	59	63
*K4FJW	"	214,183	410	136	59	98
*WF7T/4	"	214,124	339	138	60	71
*AD4Z	"	212,319	373	130	60	89
*W4TSP	"	212,238	398	124	40	70
*KU4A	"	197,138	387	116	49	76
*K4DLI	"	194,712	342	124	53	89
*N2WN/4	"	151,900	389	77	39	24
*K4BX	"	136,880	293	101	52	79
*K4FTO	"	115,080	272	109	45	56
*AJ4VE	"	112,077	220	125	51	13
*W4BK	"	108,768	249	94	44	68
*KB4VC	"	98,112	233	99	41	52
*WØQQG/4	"	87,780	234	97	44	68
*WO4D	"	84,700	215	96	41	38
*AC4M	"	81,832	252	90	51	71
*AA4LR	"	73,914	192	83	55	56
*W7HJ/4	"	69,580	200	76	39	25
*WK4Y	"	63,873	180	88	34	19
*NG4L	"	54,720	175	66	37	68
*W4SDJ	"	51,516	157	71	45	46
*KJ4OAS	"	41,648	130	60	35	42
*N4AU	"	39,861	124	70	32	27
*N4XD	"	36,600	131	66	30	4
*W8KRZ/4	"	34,917	123	73	26	14
*N3TG/4	"	32,639	106	66	38	23
*K4EDI	"	30,600	100	61	41	18
*NA4EA	"	30,353	116	64	34	29
*NI4NN	"	24,856	101	55	26	23
*N5SMQ/4	"	20,910	108	55	21	9
*AK4GD	"	18,018	111	42	17	32
*W2DEN/4	"	17,460	82	43	28	26
*K1GU/4	"	16,932	119	25	14	44
*KI4EEY	"	12,354	84	41	22	24
*W4WNT	"	8,614	55	37	21	15
*KG3V/4	"	8,010	64	29	29	31
*N4FP	"	6,643	55	30	21	22
*KD4JMV	"	4,867	61	25	6	0
*NR4J	"	3,174	36	20	19	7
*KJ4IWX	"	1,653	22	17	8	4
*WA5KSC/4	"	1,272	21	17	6	1
***WW4LL**	**28**	**407,792**	**1052**	**83**	**30**	**41**
*K5EK/4	"	115,900	432	62	22	16
*W5NZ/4	"	34,529	210	39	17	17
*WØPV/4	"	18,788	101	45	21	11
***KD4YDD**	**21**	**55,783**	**298**	**49**	**17**	**25**
*KB5JC/4	"	1,900	30	17	13	8
***W3NR/4**	**7**	**2,553**	**61**	**3**	**4**	**30**
***NQ4K**	**3.5**	**1,470**	**52**	**3**	**3**	**24**
NX5O	**A**	**1,280,912**	**1367**	**201**	**80**	**165**
K7IA/5	"	1,037,842	1215	185	71	190
K6SXA/5	"	985,392	999	196	87	149
N5VU	"	487,440	607	178	74	108
K5KLA	"	336,377	467	176	62	25
KD5JAA	"	324,216	450	137	76	129
AK5Y	"	110,446	464	61	40	60
AB5C	"	79,332	214	90	34	8
W5JAY	"	71,610	246	50	42	62
KE3D/5	"	44,515	144	70	42	33
N5RZ	**28**	**440,448**	**1226**	**75**	**27**	**46**
N5MOA	"	152,490	445	77	28	33
K5RZA	**21**	**335,808**	**1007**	**78**	**29**	**52**
NA4M/5	"	222,400	759	64	28	47
K5QR	"	98,304	358	67	25	36
K5NZ	**14**	**35,631**	**190**	**46**	**24**	**37**
W5IFP	"	4,462	46	20	8	18
W5OV	**7**	**1,536**	**30**	**9**	**8**	**15**
***AD5XD**	**A**	**981,615**	**1169**	**192**	**83**	**190**
*N5KWN	"	926,124	1094	187	79	160
*K5DHY	"	623,455	754	173	76	130
*K5ER	"	320,019	513	139	72	100
*W5JBO	"	262,294	465	124	64	125
*KC5YPU	"	249,795	522	118	50	105
*N5RLM	"	246,176	456	138	64	112
*W5EW	"	223,397	431	110	64	115
*W5KDJ	"	170,605	393	98	40	91
*K5WI	"	155,927	292	113	61	67
*N3BUO/5	"	145,977	319	101	51	45
*W5PQ	"	116,550	252	98	46	66
*N5TIT	"	112,980	315	70	42	98
*WA9AFM/5	"	109,368	284	91	47	48
*AA5VU	"	94,830	283	82	47	89
*KB5HPL	"	86,394	203	97	44	46
*AA5PW	"	66,748	288	48	29	87
*KØGEO/5	"	62,957	210	62	30	65
*AD5OW	"	51,019	159	74	41	48
*N5UM	"	42,504	139	61	43	50
*AF5CC	"	41,976	144	64	38	30
*N5XE	"	29,300	116	58	28	14
*K5LY	"	24,528	159	45	31	70
*AE5EO	"	20,458	80	58	35	13
*K1DW/5	"	19,780	111	37	22	27
*K9HZ/5	"	12,255	83	28	23	44
*AC5T	"	10,935	101	26	16	39
*AE5ZC	"	6,603	60	20	22	29
*N5FG	"	644	12	10	10	3
***N4IJ/5**	**28**	**105,918**	**348**	**67**	**28**	**32**
*K5OMC	"	20,493	98	47	23	11
*NI5F	"	18,468	99	42	22	12
*N5UWY	"	5,382	85	11	12	23
***KZ5A**	**21**	**249,736**	**805**	**75**	**30**	**47**
NN6XX	**A**	**1,043,592**	**1061**	**196**	**94**	**182**
K6LRN	"	682,539	767	183	93	153
K6XX	"	571,330	747	149	72	89
N6CK	"	542,449	739	125	79	155
K6GT	"	455,917	608	154	74	113
KI6VC	"	411,684	836	113	62	163
W5DQ/6	"	397,383	522	159	78	144
WX6V	"	313,290	410	164	84	106
W6SFK	"	269,726	432	135	65	114
N6GP	"	264,965	437	114	66	89
NC6K	"	114,376	302	84	44	104
N6VI	"	87,962	215	86	58	62
N6QEK	"	83,842	222	73	46	87
WB6JJJ	"	81,340	192	75	61	60
K6EU	"	55,476	183	49	44	41
K6DGW	"	29,512	133	46	27	46
W6SX	"	24,961	160	23	27	59
KI6X	"	16,166	125	14	16	29
NG6S	**21**	**193,280**	**603**	**73**	**29**	**49**
						(OP:W4UAT)
W6KNB	**14**	**38,190**	**195**	**48**	**23**	**43**
***WN6K**	**A**	**418,500**	**739**	**105**	**62**	**143**
*K6GHA	"	376,957	569	130	73	140
*KM6Z	"	209,952	405	110	62	116
*N8DEZ/6	"	142,600	302	92	62	76
*K6TIG	"	118,556	293	76	51	87
*K3FIV/6	"	116,000	282	73	54	73
*AK6R	"	102,333	320	77	64	90
*K6BIR	"	96,624	253	74	46	63
*W6KY	"	56,398	203	51	47	65
*KJ6MSG	"	12,956	108	27	20	32
*KM6I	"	5,200	46	19	19	27
*NQ6E	"	3,120	32	23	17	0
*K1GI/6	"	1,462	30	7	9	18
***KF6HI**	**28**	**81,282**	**292**	**57**	**24**	**33**
*N6BHX	"	4,554	50	19	12	15
***W6TK**	**21**	**20,655**	**111**	**37**	**16**	**32**
***W6ZL**	**7**	**5,292**	**72**	**13**	**11**	**25**
W7RN	**A**	**3,734,172**	**2993**	**258**	**114**	**234**
						(OP:WK6I)
K7QQ	"	979,678	1153	172	90	144
W7WW	"	954,781	1311	154	83	164
W7VXS	"	833,320	1029	155	71	189
K7RF	"	589,475	711	167	79	119
KD7MSC	"	588,225	804	140	75	130
N7RO	"	530,848	857	112	62	139
KØJJ/7	"	429,650	780	113	70	142
WU6W/7	"	366,360	613	114	76	165
NG7Z	"	332,481	570	107	70	130
W7IJ	"	325,338	555	124	57	77
K7JJ	"	270,793	432	127	68	94
N7MQ	"	238,410	463	117	53	100
W7LKG	"	230,356	423	113	63	90
WG7X	"	222,680	488	93	66	134
K7BTW	"	218,450	387	119	72	66
KO7AA	"	205,632	404	102	41	95
KO7X	"	188,345	362	101	66	104
KB7N	"	177,540	372	97	67	105
N7BT	"	176,790	454	73	48	92
NI7R	"	117,586	275	81	48	98
W7UG	"	90,684	298	88	56	85
WB7UZO	"	89,550	271	59	52	88
KR2E/7	"	77,792	200	80	45	51
KC7V	"	62,900	203	66	38	66
KØIP/7	"	41,374	120	90	44	3
K7ZZ	"	29,458	118	54	31	18
WC6L/7	"	28,907	121	45	42	50
K9DR/7	"	17,710	94	43	24	3
K7SFN	"	13,419	67	49	21	1
KS7S	**28**	**87,718**	**313**	**65**	**24**	**33**
W7CT	**21**	**328,118**	**865**	**82**	**31**	**48**
W7PU	**14**	**55,680**	**330**	**48**	**22**	**46**
K7WP	**7**	**110,490**	**467**	**52**	**26**	**49**
W7RY	"	73,677	344	53	24	46
***K7TQ**	**A**	**1,118,285**	**1355**	**170**	**87**	**188**
*AE7AE	"	283,443	460	132	75	114
*N7VEA	"	277,548	468	111	66	126
*AE7AP	"	214,935	424	105	55	107
*N7VPN	"	200,564	342	125	66	75
*KE7AUB	"	186,739	377	95	62	102
*WT6P/7	"	158,930	426	68	48	114
*KX7L	"	156,210	333	76	64	106
*NC7M	"	144,144	348	83	44	71
*NØEF/7	"	126,000	294	102	48	75
*WAØWWW/7	"	74,298	218	59	49	75
*KD7PCE	"	66,150	213	64	49	76
*WA7BME	"	57,934	205	54	37	75
*K7ARJ	"	55,380	158	81	38	23
*N7ZO	"	44,800	157	58	42	60
*KW7N	"	42,161	154	53	45	35
*K6UM/7	"	40,425	152	47	40	60
*N7GOA	"	37,147	115	74	47	0
*NA7RH	"	35,941	139	55	33	39
*K7RFW	"	28,420	171	26	23	67
*KL1SF/K7	"	27,346	117	54	36	23
						(OP:KL1SF/K7)
*WB7CYO	"	26,862	133	37	32	52
*N7NTQ	"	20,034	106	32	31	43
*WO7V	"	19,665	115	32	31	52
*N6PZ/7	"	17,296	98	37	29	28
*NS7K	"	11,310	99	22	21	44
*KF7ORO	"	10,366	65	38	24	11
*W9PL/7	"	10,153	64	26	26	19
*K3WYC/7	"	9,240	86	28	21	35
*AE7KL	"	2,646	39	22	19	13
*W7SUR	"	2,475	60	10	12	23
*KE7VZW	"	30	5	1	1	4
***K7ULS**	**28**	**146,168**	**557**	**57**	**25**	**39**
*N7DB	"	54,351	255	46	23	30
*K7MY	"	3,564	46	11	10	15
*N7FG	"	2,360	36	14	12	14
***WB3JFS/7**	**21**	**74,175**	**318**	**60**	**26**	**43**
***W1ZD/7**	**14**	**105,840**	**449**	**60**	**27**	**53**
KE8M	**A**	**1,066,240**	**1005**	**223**	**89**	**80**
N8RU	"	1,026,033	1099	199	79	103
K3GP/8	"	942,180	954	213	82	115
W8AKS	"	445,560	618	171	68	77
WA8Y	"	286,416	484	151	71	84
K8ESQ	"	233,618	374	140	57	62
W8TOM	"	116,550	276	86	59	65
W8OHT	"	73,200	232	91	37	55
K8YTO	"	273	7	7	6	0
***KB8O**	**A**	**607,692**	**855**	**164**	**65**	**127**
*AA8IA	"	398,825	570	159	68	74
*N2OPW/8	"	353,290	511	167	72	104
*NX8G	"	342,515	530	135	51	119
*W8KX	"	291,030	391	186	76	65
*KN8DMK	"	228,285	390	134	53	80
*WA8KHP	"	217,100	389	127	59	74
*N8LJ	"	205,821	340	138	53	40
*K3JT/8	"	189,475	355	107	67	91
*AA8EN	"	156,510	311	113	49	73
*WB8JUI	"	140,400	341	89	43	93
*KC8RPV	"	111,104	256	100	53	64
*N8XI	"	51,192	203	54	19	35
*W8IDM	"	49,815	162	72	30	33
*AC8DU	"	42,687	178	63	39	51
*W8HY	"	22,446	129	49	20	17
*K8PO	"	22,422	88	61	29	11
*NF8M	"	21,010	89	52	33	25
*KD8JEB	"	11,481	73	33	25	31
*AF8C	"	7,112	73	22	17	17
*K8QH	"	2,812	33	22	12	3
***KB8ZUN**	**28**	**54,742**	**223**	**62**	**22**	**17**
*WB8JAY	"	15,048	98	39	15	3
*N8NOE	"	10,150	69	37	15	6
***KJ8O**	**21**	**53,972**	**229**	**61**	**19**	**23**
*W8JGU	"	34,765	156	58	22	5
***K8MU**	**14**	**131,186**	**530**	**62**	**21**	**51**
*KK8MM	"	65,148	251	57	20	45
NX9G	**A**	**1,663,688**	**1848**	**200**	**75**	**167**
						(OP:@K9XD)
N9AW	"	1,506,340	1531	217	84	150
W9IU	"	1,197,956	1243	218	86	142
NS9I	"	1,092,798	1097	213	84	144
KB9UWU	"	423,776	664	140	65	67
WM9Q	"	349,800	602	138	68	124
N9WKW	"	243,375	398	139	69	67
WA9IVH	"	226,611	348	158	72	67
AJ9C	"	181,220	376	103	47	71
WB9VKZ	"	22,774	105	52	31	35
N7US/9	**28**	**406,174**	**1077**	**84**	**31**	**34**
W9OA/9	"	232,722	690	78	29	19
						(OP:W9OA/9)
K9OM	**21**	**457,952**	**1035**	**94**	**34**	**48**
AC2Q/9	**14**	**3,124**	**74**	**9**	**7**	**28**
***KD9MS**	**A**	**724,566**	**843**	**190**	**75**	**129**
*KA9MOM	"	333,268	493	153	66	119
*WU9D	"	212,667	393	127	50	96
*AB9QH	"	202,264	345	131	57	74
*WB9TFH	"	162,140	311	111	60	71
*AF9T	"	124,055	244	110	57	48
*W9VQ	"	89,414	189	124	45	12
*WR9Y	"	79,118	211	86	39	54
*NK4P/9	"	63,750	206	66	42	62
*NV9X	"	37,538	123	68	40	29
*W9HLY	"	30,883	139	54	23	12
*W9CA	"	30,295	149	46	18	19
						(OP:KK9DX)
*K9GA	"	14,800	63	55	25	0
*KB9S	"	13,680	72	46	19	15
*N7GVV/9	"	13,338	72	38	22	18
*WQ9T	"	3,400	38	19	17	14
*N9BT	"	3,220	35	18	17	11
***K9ZM**	**28**	**16,120**	**95**	**39**	**16**	**10**
*KB9TEN	"	3,978	49	18	12	9
***W9ILY**	**14**	**87,913**	**284**	**64**	**27**	**42**
***K9WX**	**7**	**40,456**	**283**	**42**	**14**	**48**
***W9KVR**	**3.5**	**2,700**	**65**	**7**	**7**	**31**
KØAP	**A**	**725,221**	**955**	**158**	**65**	**108**
KØPK	"	418,144	545	160	74	124
AAØAW	"	387,702	585	153	66	87
WØJPL	"	355,162	494	153	76	82
						(OP:KØJPL)
NØGZ	"	306,384	462	159	66	87
WBØN	"	282,000	384	159	67	74
WBØKGN	"	249,975	412	149	68	86
KØCN	"	210,304	330	153	63	32
KCØVTJ	"	151,044	405	104	44	98
NEØU	"	149,688	285	122	47	47
N5TU/Ø	"	98,980	208	108	56	32
KIØHA	"	71,553	155	96	59	28
KV1E/Ø	"	70,218	170	84	50	32
NØLEF	"	26,508	125	44	19	31
KAØEIC	"	21,424	90	53	32	19
KCØRET	"	7,194	52	27	18	21
KDØS	"	1,178	21	16	12	3
***NTØF**	**A**	**1,167,020**	**1195**	**212**	**83**	**165**
*KØAD	"	474,640	838	145	59	145
*KØCMA	"	470,921	757	149	60	132
*ACØW	"	361,746	521	153	69	97
*WGØM	"	263,572	520	100	49	113
*W9LHG/Ø	"	242,088	486	113	46	103
*NØUJT	"	172,900	354	108	57	82
*WØCO	"	132,795	276	101	54	72
*WAØLJM	"	115,473	273	88	43	52
*NØUJJ	"	89,404	259	77	47	82
*KFØUR	"	55,796	236	62	36	50
*NØAJN	"	41,658	126	69	40	22
*KØTNT	"	41,606	140	67	40	35
*N5AW/Ø	"	37,797	127	67	40	22
*NØTK	"	33,440	137	54	32	24
*KØLDS	"	28,560	114	68	44	28
*ACØE	"	26,532	97	60	44	30
*NØIBT	"	26,400	131	40	25	45
*NØKBD	"	19,928	80	49	37	20
*NØMK	"	17,958	125	30	13	39
*KØYQ	"	17,533	86	43	26	20
*NØMA	"	11,946	73	41	18	7
						(OP:W7II)
*KØBAM	"	2,964	27	21	16	1
***KEØL**	**28**	**27,722**	**135**	**52**	**22**	**9**
*WNØL	"	18,480	99	41	19	10
***WB9KPT/Ø**	**21**	**24,360**	**150**	**36**	**17**	**31**
*NØOK	"	6,439	51	26	14	7

Alaska

NL7G	**A**	**256,824**	**520**	**62**	**51**	**119**
AL1G	"	97,333	373	23	23	85
KL5E	**28**	**13,550**	**114**	**17**	**16**	**17**
***KL8DX**	**28**	**144,692**	**528**	**50**	**20**	**52**

Barbados

8P2K	**28**	**58,968**	**223**	**48**	**20**	**36**
						(OP:8P6SH)

British Virgin Islands

VP2V/AA7V	**A**	**2,086,260**	**1839**	**226**	**73**	**137**

Canada

VY2SS	**28**	**410,436**	**1038**	**83**	**27**	**46**
***VE1ZD**	**A**	**391,136**	**555**	**155**	**46**	**71**
*VE9NC	"	250,116	431	114	49	65
*VE9BWK	"	3,420	40	27	17	13
***VY2LI**	**14**	**219,106**	**632**	**71**	**21**	**50**

*VE2AXO	A	1,464,496	1339	218	73	133
*VE2LX	"	341,088	534	169	60	75
*VE2ESU	"	198,400	323	129	53	66
*VE2QV	"	128,472	264	98	38	66
*VA2WA	"	86,591	247	65	33	33
				(OP:VA2WDQ)		
*VE2KOT	"	62,712	175	74	34	48
*VE2SB	3.5	59,340	362	29	11	52
VE3EY	A	445,527	635	138	53	70
VE3SS	"	155,680	260	182	68	30
VA3XOV	"	111,200	242	106	54	40
VE3CX	"	42,840	133	68	32	26
VA3XH	7	113,750	442	56	18	51
*VE3KI	A	1,571,064	1285	242	80	162
*VE3BR	"	1,197,279	1073	224	89	140
*VE3FH	"	931,104	889	210	76	138
*VE3KAO	"	519,000	625	169	65	112
*VA3MJR	"	311,575	432	197	65	13
*VE3GYL	"	213,486	371	110	41	87
*VA3VF	"	135,044	299	97	30	55
*VA3FN	"	63,840	169	79	37	44
*VE3AJ	"	34,800	122	51	35	34
*VA3UG	"	30,552	108	58	29	27
*VE3MCF	"	27,342	116	37	19	42
*VE3RCN	"	16,704	79	42	26	28
*VE3NE	"	14,852	73	40	17	22
*VA3TPV	"	6,240	42	31	20	9
*VE3VID	"	5,418	43	32	10	0
*VA3PC	28	19,140	125	29	15	16
VA5LF	A	1,290,600	1204	189	80	181
VA6NJK	A	17,854	67	56	45	12
*VE6SQ	A	365,574	527	103	64	152
*VE6DJT	"	23,690	101	31	29	43
*VE6BMX	28	75,168	415	32	14	41
VA7KO	A	1,690,473	1568	190	93	206
VE7CF	"	638,631	900	120	71	136
VE7AX	"	380,608	540	127	66	111
VE7HBS	"	51,756	243	21	24	69
VE7NSR	"	15,488	79	32	30	26
*VA7ST	A	602,272	770	118	66	168
*VE7KW	"	210,084	416	93	50	103
*VE7BSM	"	145,306	331	70	54	90
*VE7GPK	"	60,830	188	41	31	82
*VE7BGP	"	12,710	72	28	25	29
*VA7HZ	"	5,824	48	26	21	17

Cuba

*CO2CW	A	1,287,600	1212	213	79	152
*CO2NO	"	795,294	904	209	74	108
*CO2MS	"	583,257	783	145	52	124
*CO2WL	"	432,384	800	107	53	96
*CO2IZ	"	351,819	585	131	49	111
*CO2VE	"	340,400	664	104	36	90
*CO6RD	"	339,196	582	122	45	119
*CO2RVA	"	181,545	433	118	60	95
*CO2ORO	"	49,650	193	73	33	44
*CO2XPR	"	47,705	179	68	32	45
*CO6EC	28	102,165	401	54	20	31
*CO2GL	21	118,788	459	54	17	43
*CO2AJ	14	44,137	208	39	17	45
*CO2JD	7	33,614	227	37	17	44

Dominican Republic

HI8PLE	21	754,256	1570	97	36	55
HI8PJP	14	98,884	389	57	19	42
*HI8CSS	A	49,764	212	68	19	0

Grenada

*J35X	28	217,536	715	55	24	53

Guadeloupe

FG5LA	A	2,451,960	2036	234	79	177
*FG1PP	A	52,734	184	51	29	61

Guatemala

*TG9AJR	A	406,620	638	124	54	92

Honduras

*HQ9R	A	116,424	274	74	41	83
					(OP:WQ7R)	
*HQ2N	28	244,134	742	66	22	49
					(OP:JA6WFM)	

Martinique

FM5CD	A	193,116	310	138	66	24
FM5AN	"	12,324	56	45	27	6
*FM1HN	14	1,850	25	16	8	1

Mexico

*XE1XOE	A	644,520	752	151	70	172
*XE1GZU	"	96,786	252	60	41	70
*XE1CT	"	70,920	172	79	48	53
*XE1ZTW	28	31,416	144	39	18	31
*XE1MM	21	148,626	470	61	25	52
*XE1GRR	3.5	486	13	3	4	11

AFRICA

Angola

*D2QV	A	215,670	453	126	56	0

Canary Islands

EF8M	A	13,784,035	6368	365	132	258
					(OP:UA5C)	
*EA8AQV	A	297,414	390	112	58	109
*EA8MT	28	585,333	1241	81	28	54
*EC8CQ	"	52,421	219	40	16	33
*EA8BGO	14	62,016	251	54	18	30
*EA8ARG	"	20,498	110	42	14	18

Madeira Islands

CT3DZ	28	398,376	1130	57	23	52
*CT3HG	14	39,168	206	46	14	8

Morocco

*5C5W	14	671,340	1409	83	30	54
					(OP:CN8KD)	

Reunion Island

FR5GS	A	316,388	613	110	46	25

Senegal

*6V7X	21	664,320	1425	80	26	54
					(OP:IK2FIL)	

South Africa

ZS6RJ	A	284,672	415	121	60	75
*ZS1JY	A	53,340	146	56	34	37
*ZS6AKU	28	55,990	187	58	23	29

ASIA

Asiatic Russia

UA9BS	A	1,438,892	1291	267	89	57
UA9OG	"	637,518	920	150	57	51
RA9SKL	"	430,320	747	164	56	0
RW9QA	"	420,096	615	157	61	38
R9CD	"	51,304	179	69	27	10
*UA9CCL	A	486,200	638	184	63	28
*RA9CUU	"	358,317	635	145	51	11
*R9UG	"	260,804	462	142	66	18
*RK9DO	"	246,410	454	129	56	20
*R9MT	"	212,790	374	130	54	21
*RV9CP	"	208,868	397	104	48	50
*RX9DJ	"	176,144	309	153	51	14
*RK9AK	"	162,602	334	135	51	23
*RL9I	"	159,285	319	106	41	38
*UA9MRY	"	150,539	301	129	47	3
*UA9CSR	"	125,417	303	117	40	10
*RA9DP	"	101,440	248	96	36	28
*UA9OV	"	59,414	184	90	32	0
*UF8T	"	58,830	211	76	29	1
*RK9AN	"	52,578	153	81	35	11
*RA9JB	"	45,100	149	70	29	11
*RZ9UF	"	25,610	172	42	23	0
*R8MB	"	9,744	68	38	20	0
*RG8U	"	1,794	24	16	10	0
*R9AAJ	"	1,380	29	14	6	0
*RK9UC	28	126,672	467	71	28	5
*RA9RR	"	98,791	463	48	19	10
*UA9WOB	"	48,516	242	51	19	8
*UA9AFS	21	221,125	649	83	28	14
*UA9UKL	"	28,512	152	46	17	9
*R9MJ	14	357,561	903	84	30	39
*RA9AFZ	"	35,136	173	47	17	8
*RD9SA	7	3,654	50	23	6	0
RØFA	A	2,103,368	1670	241	103	123
UBØA	"	1,731,348	1541	223	87	104
RØQA	"	1,057,722	1203	192	75	79
UAØCW	"	470,184	658	148	54	62
UAØYAY	"	320,976	568	122	50	44
RMØA	"	161,440	390	101	33	26
RXØAF	"	24,168	140	54	22	0
UAØSR	21	149,810	385	76	26	40
RDØA	14	177,744	499	69	29	40
RZØAF	7	6	1	1	1	0
*UAØCA	A	259,316	419	97	64	80
*RWØUU	"	218,582	504	118	49	15
*UAØWF	"	194,250	422	133	57	20
*RWØLZ	"	142,681	327	103	59	25
*UAØIT	"	67,072	194	66	35	30
*RAØLG	"	44,486	153	66	38	14
*UAØCMG	"	29,008	103	53	33	26
*UAØLD	"	1,178	30	12	7	0
*RWØSR	28	133,725	657	58	14	3
*RAØWHE	"	58,860	390	43	11	0
*RWØLQ	"	50,220	188	52	21	20
*UAØCNX	21	229,944	656	62	24	48
*UAØC	"	152,581	505	64	27	30
*RXØSC	"	63,665	237	59	21	27
*UBØLFV	"	8,372	80	27	16	9

Asiatic Turkey

*TA7I	A	1,275,660	1322	219	68	93

Azerbaijan

*4K9W	A	7,006	42	32	23	7

China

BD7LMD	28	34,505	217	36	16	15
*BD3CB	A	225,171	497	102	54	41
*BA4SD	"	62,230	189	72	41	14
*BA1PK	"	36,059	141	76	31	0
*BH4QFI	"	35,640	126	61	35	12
*BA4SCP	"	5,246	71	31	25	5
*BD4HHZ	"	2,664	28	18	15	3
*BG6CJR	28	14,300	92	37	19	9
*BD5DML	21	21,012	145	37	20	11
*BD6PA	"	12,921	99	30	16	13
*BD1QXU	"	2,150	35	18	7	0
*BA1AI	14	62,720	306	59	19	2
*BD2BN	"	820	17	13	7	0

Cyprus

5B4AIF	21	669,997	1353	92	35	52

Georgia

*4L7O	28	84,240	418	41	14	25
*4L1BR	21	107,364	427	59	17	16

Hong Kong

VR2XMT	28	257,400	820	65	26	29
*VR2VIY	A	9,300	64	39	23	0

India

VU2LBW	A	701,364	902	167	58	52
*VU2NKS	A	1,407,648	1383	204	67	81
*VU2PTT	28	50,904	226	49	18	17

Israel

*4Z5CP	28	341,248	956	66	26	32
*4Z5MY	14	63,800	266	57	18	13
*4Z5UN	7	110,716	495	60	15	14
					(OP:UU2JM)	

Japan

JA1OVD	A	1,675,380	1446	197	93	130
JQ1BVI	"	1,389,555	1286	216	96	111
JA1AYO	"	648,088	713	173	81	72
JF1OPL	"	425,700	556	109	67	99
JJ1NYH	"	243,828	383	122	63	49
JN1RQV	"	224,899	339	124	59	56
JA1IKA	"	212,344	323	123	74	57
JA1QOW	"	170,600	302	98	53	49
JL1DLQ	"	135,218	253	104	54	36
JA1XS	"	126,600	232	100	59	52
JO1SIM	"	68,832	175	84	45	15
JA1TMG	"	39,446	118	56	33	32
JA1LZK	"	33,787	115	51	37	25
JE1HRC	"	14,175	65	32	23	26
JI1JPJ	"	3,612	32	20	13	9
JA1HGY	"	238	6	6	6	2
JE1LFX	28	276,612	677	70	29	49
JO1COV	21	122,750	359	62	25	38
JF1DMY	"	63,135	204	62	26	27
JH1DVG	"	3,159	29	16	13	10
JR1BAS	14	40,300	147	56	25	19
*JI1RXQ	A	686,752	702	161	78	113
*JA1BNW	"	391,956	527	142	67	58
*JA1IZ	"	272,964	372	140	58	60
*JA1HFY	"	218,484	409	126	72	54
*JA1EMQ	"	217,092	350	126	64	47
*JF1LMB	"	212,649	346	116	56	47
*JG1RZH	"	167,134	285	103	58	53
*JF1KML	"	136,704	266	102	57	33
*JH1FNU	"	114,639	274	99	45	15
*JI1LAT	"	84,512	199	77	36	39
*JA1AZR	"	82,880	190	79	49	32
*JF1MAD	"	81,000	195	87	51	24
*7M1MCY	"	72,765	183	72	41	34
*JP1HUJ	"	70,810	173	68	45	33
*JA3MVI/1	"	65,660	164	81	33	26
*JA3MIO/1	"	63,512	160	72	36	28
*JA1RQT	"	62,307	178	59	34	36
*7M4OOS	"	59,080	182	76	40	24
*JE1GZB	"	50,504	167	56	31	31
*JA1MZM	"	49,530	138	52	37	38
*JA1BFN	"	48,024	147	51	33	32
*JH1RRP	"	19,359	84	44	21	16
*JF1VNR	"	16,632	77	43	30	11
*JK1MZT	"	15,036	67	37	29	18
*JH8KYU/1	"	13,072	71	28	25	23
*JA1PCM	"	12,330	67	54	30	6
*7N4QCQ	"	8,375	49	30	23	14
*7L3DGP	"	7,650	57	25	16	9
*JH1EYM	"	5,292	37	26	19	9
*JG1WNO	"	3,237	31	21	11	7
*JF1UOW	"	3,108	29	23	12	2
*JA5INF/1	"	975	18	10	10	5
				(OP:JA5INF/1)		
*JP1QDH	28	170,038	466	66	25	40
*JH1XUZ	"	92,650	299	54	24	31
*JE1RRK	"	56,175	208	56	25	26
*JF1KMC	"	21,797	115	33	17	21
*JF1AZQ	"	9,612	62	23	16	15
*JK1LUY	"	2,272	31	20	10	2
*JH1LNL	"	819	16	7	7	7
*JJ1KZZ	"	338	9	3	5	5
*JA1PJS	21	66,233	215	56	22	29
*JK1NSR	"	36,550	161	42	21	23
*JI1AQY	"	31,278	150	48	19	11
*JH8SEG/1	"	28,140	122	41	23	20
*JI1SAI	"	24,900	117	45	19	11
*7K4VPV	"	24,820	125	47	18	8
*JF1PYJ	"	13,224	82	32	14	12
*JG1APX	"	6,864	61	22	15	11
*JG1SWV	"	6,630	49	25	16	10
*JA2KCY/1	"	3,864	37	17	15	10
*JH1QQN	"	2,340	27	12	10	8
*7N2JZT	"	1,600	22	16	9	0
*JA1HOM	"	1,430	22	19	7	0
*JA7FYU/1	14	10,912	70	33	21	8
*JH1APZ	7	13,080	84	31	19	10
*JQ1TIV	"	6,422	72	13	11	14
JF2XGF	A	503,334	533	176	91	84
JA2FJP	"	284,016	537	77	39	67
JR2PMT	"	196,350	318	128	61	49
JA2ATE	"	49,923	137	60	37	32
JR2UBS	"	1,479	17	11	12	6
JA2HOL	28	133,280	421	52	23	44
JH2BTM	21	89,419	276	63	25	33
JA2CPD	"	84	4	4	3	0
*JA2AXB	A	316,479	470	121	59	69
*JA2QVP	"	226,942	343	120	64	49
*JR2PAU	"	205,700	323	120	65	57
*JA2GHP	"	135,605	276	105	49	31
*JE2DOD	"	66,144	196	76	41	42
*JR2MIN	"	47,428	132	68	44	30
*JR2LBF	"	7,440	49	28	23	9
*JA2CCV	"	4,277	35	18	17	12
*JI2VLM	"	1,891	21	18	13	0
*JH2MYN	28	102,729	322	60	25	36
*JA2HBK	"	35,424	114	60	25	23
*JE2SOY	"	27,798	133	49	19	14
*JR2VRN	"	21,488	123	32	18	18
*JA2MOG	"	20,720	103	38	17	19
*JP2MRD	21	3,315	32	20	15	4
*JG2NLN	14	22,119	114	40	22	11
*JJ2PUG	"	2,160	27	15	11	4
*JA2HYD	7	2,496	29	12	12	8
JR3NZC	A	696,201	873	122	64	103
JL3JRY	"	45,486	145	47	35	44
JA3AVO	"	41,064	122	56	36	24
JI3BFC	28	195,003	481	72	27	42
JA3RAR	"	1,150	16	16	8	1
JK3RHX	"	741	14	12	7	0
JR3RIY	21	299,433	719	78	31	42
*JA3IKG	A	284,272	446	115	52	51
*JA3JM	"	209,855	349	125	61	49
*JA3HBF	"	169,222	303	107	58	46
*JA3PYC	"	58,499	154	61	36	40
*JH3BYX	"	36,750	137	51	32	22
*JR3NDM	"	28,392	110	59	33	12
*JO3QVT	"	12,075	67	37	28	10
*JJ3WPX	"	8,322	57	31	20	6
*JA3AHY	"	7,936	55	29	22	13
*JH3PTC	"	6,213	42	22	23	12
*JI3OGI	"	5,307	40	24	21	16
*JL3WSL	"	169	8	6	6	1
*JL3MCM	28	42,912	154	45	21	30
*JL3TMH	21	275,880	703	75	29	48
*JA3JND	"	6,045	63	29	10	0
*JO3EVM	7	216	8	3	2	4
JH4UYB	A	3,270,624	2488	243	99	129
JH4RUF	"	23,688	86	40	29	25
*JE4MHL	A	551,410	604	179	85	71
*JA4FCC	"	68,000	175	77	52	31
*JR4VEV	"	42,375	126	68	41	16
*JH4UTP	28	60,632	265	43	16	29
*JN4UUS	21	41,580	181	51	22	17
*JF4RKC	"	12,508	90	33	14	6
*JA4DWG	"	6,885	46	27	12	12
*JR4GPA	14	25,488	152	46	19	7
*JA5SUD	A	254,940	469	118	59	33
*JJ5HUD	"	125,970	259	94	54	42
*JA5NSR	"	19,698	102	47	20	0
*JA5XPD	28	20,400	97	38	20	17
*JA6CM	A	40,981	133	50	26	31
*JA6WW	"	16,456	71	39	32	17
*JH6WHN	28	292,946	742	73	29	40
JA7BME	A	1,221,857	1136	182	87	108
JA7COI	"	1,092,220	1006	183	88	117
JA7IC	"	439,796	589	148	76	54
JR7IWL	"	132,132	261	91	49	42
JA7GYP	"	44,393	156	53	29	21
*JE7HYK	A	414,687	548	142	68	63
*JA7VEI	"	195,050	301	119	66	50
*JP7AWQ	"	26,508	99	43	27	24
*JI7GBI	28	18,648	94	34	21	19
*JL7OTC	21	14,455	91	31	17	11
*JP7CFP	"	9,828	76	30	15	7
*JA7LLL	14	20,700	104	41	20	14
*JH7IMX	3.5	510	41	3	3	4
JA8TR	A	836,466	953	167	71	89
JA8DIV	"	387,936	488	166	69	53
JA8MXC	7	4,824	53	13	13	10
*JA8EIU	A	400,365	533	151	78	58
*JA8IJI	"	51,471	153	71	44	18
*JE8KKX	"	10,833	58	30	23	16
*JA8CEA	"	6,435	40	38	17	0
*JH8SIT	21	158,522	420	67	27	40
JH9KVF	28	260,184	644	77	29	42
JA9CWJ	14	96,354	332	63	24	19
*JA9LX	A	221,984	359	109	59	56
*JA9KBS	"	50,553	137	74	40	23
*JE9MBV/9	21	22,113	110	44	23	14
JHØINP	A	329,728	453	108	67	81
*JHØNEC	A	363,000	545	117	60	65
*JAØCGJ	"	184,167	391	70	41	60
*JJØPJD	"	105,138	209	91	46	40
*JAØNFP	"	23,668	95	52	33	12
*JHØEPI	14	41,850	176	50	23	17

Kazakhstan

UN5J	28	31,682	158	47	18	8
UN1L	14	744,462	1629	92	31	54
*UN6G	A	322,069	598	129	57	23
*UN8P	"	317,904	689	121	45	13
*UN7EG	"	238,928	442	154	54	10
*UN8PIM	"	126,759	362	104	37	0
*UN7BCF	"	58,824	195	83	29	2
*UN7JX	28	88,740	375	59	23	5
*UN6LN	"	63,364	354	52	21	0
*UN4PD	"	44,474	224	52	19	3
*UN2E	"	21,624	156	38	12	1
*UN7CN	14	107,100	388	63	24	18
*UN5C	"	78,200	401	65	25	2
*UN7EW	3.5	11,594	129	26	8	0

Kyrgyzstan

EX2B	A	83,923	312	80	41	12
*EX8AI	14	137,760	493	68	24	20

Mongolia

JT5DX	A	122,936	412	74	34	13
JT1E	14	112,288	520	64	23	1
					(OP:JT1DA)	

Republic of Korea

HL2WP	A	943,068	1101	158	64	87
HL5JCB	"	90,306	198	88	58	28
*HL5BMX	A	16,125	99	32	27	16
*DS4GQR	21	17,420	98	40	18	7

Saudi Arabia

7Z1SJ	A	1,822,042	1514	256	86	107
*7Z1HL	A	47,520	183	63	22	11
*HZ1HN	14	94,300	342	49	16	35

Taiwan

BV1EK	A	348,486	575	140	71	30

Tajikistan

EYØA	21	995,274	2004	98	37	54
					(OP:UA4LCQ)	
*EY7AB	A	9,700	67	32	17	1

Thailand

HSØZCW	7	4,176	70	14	15	7
*E21YDP	A	1,104,652	1306	186	72	56
*E21EIC	28	28,628	150	47	16	5
*E2ØYLM	21	24,140	136	44	18	6
*E2ØNKB	"	22,365	130	37	19	15
*HS8JYX	"	18,112	118	42	20	2
*HS8FLU	14	9,861	70	41	15	1

UK Base Areas on Cyprus

ZC4LI	21	569,361	1175	86	34	49

United Arab Emirates

A65BP	A	4,293,504	2620	328	103	145
					(OP:RV6LNA)	
A61QQ	"	343,570	759	112	29	29
*A61BK	21	7,059	65	30	9	0

Uzbekistan

*UK7AZ	28	74,023	335	54	18	7

Vietnam

XV1X	28	9,844	88	35	11	0

West Malaysia

9M2CNC	A	1,991,276	1985	212	74	75
					(OP:G4ZFE)	
9M2CQC	28	6,732	70	25	8	0
*9M2TO	A	175,693	546	92	35	6

EUROPE

Austria

OE3K	A	1,390,030	1271	224	99	135
					(OP:OE3DWC)	
OE6MMF	"	575,920	702	218	80	70
*OE/DL6SFR	A	189,600	374	147	51	39
*OE5PEN	"	62,823	194	63	38	28
*OE2LRO	"	6,438	49	26	20	12

Azores

CR2X	A	6,446,946	4072	324	113	245
					(OP:ZS4TX)	
*CT8/VE3DZ	14	30,780	189	43	12	21
					(OP:VE3DZ)	

Balearic Islands

*EA6AZ	A	255,201	446	114	54	89
*EA6ZS	"	10,234	90	47	20	19

Belarus

EW8DD	A	1,398,100	1457	249	85	117
EU6AF	"	670,839	1067	175	63	71
EW8DX	"	394,416	828	198	68	31
EV1R	"	365,050	523	170	73	55
*EW1NM	A	679,236	992	185	70	66
*EW1IP	"	320,426	560	187	75	0
*EW7KF	"	310,642	687	162	61	31
*EW6EN	"	275,808	603	134	43	31
*EW8OG	"	252,681	512	155	60	32
*EW6DM	"	232,962	440	149	57	40
*EW7LE	"	218,654	458	134	60	24
*EV1P/2	"	201,432	449	136	51	31
*EU6AA	"	192,085	465	143	50	12

*EW6FX	"	191,744	414	140	49	25
*EU4CQ	"	170,768	327	117	58	33
*EW8DZ	"	114,353	352	114	45	14
*EW8OW	"	59,458	209	87	38	12
***EU1DX**	**14**	**273,504**	**766**	**84**	**31**	**39**
*EW8OF	"	104,544	463	65	22	21
***EW8NN**	**3.5**	**10,032**	**150**	**31**	**7**	**0**

Belgium

OOØA	**14**	**33,810**	**234**	**48**	**13**	**9**
***ON5GQ**	**A**	**744,702**	**909**	**177**	**75**	**105**
*ON4APU	"	561,056	667	201	67	88
*OP4A	"	153,827	317	97	52	50
*ON8AJ	"	89,440	223	72	45	43
*ON6UF	"	55,752	173	66	39	33
***ON6NA**	**21**	**77,760**	**266**	**56**	**23**	**41**
*ON4LDP	"	25,760	124	41	17	34
***ON3DI**	**7**	**114,276**	**519**	**61**	**16**	**30**

Bosnia-Herzegovina

***E73KM**	**A**	**225,377**	**442**	**148**	**58**	**33**
*E77TK	"	91,635	270	59	28	62
***E74A**	**28**	**53,429**	**210**	**46**	**21**	**34**
***E79SD**	**7**	**35,035**	**276**	**43**	**11**	**11**

Bulgaria

LZ6C	**A**	**249,550**	**496**	**126**	**56**	**48**
						(OP:LZ2UW)
LZ2ZG	**3.5**	**22,680**	**216**	**42**	**9**	**3**
***LZ1KZX**	**A**	**10,752**	**99**	**38**	**18**	**0**
						(OP:LZ2HT)
***LZ2JA**	**21**	**288,610**	**783**	**76**	**30**	**49**

Crete

SV9AHZ	**A**	**32,214**	**123**	**58**	**31**	**29**
***SVØXCC/9**	**A**	**69,120**	**338**	**84**	**24**	**0**
						(OP:SVØXCC/9)

Croatia

9A6JOY	**A**	**209,664**	**394**	**132**	**46**	**56**
9A5Y	**21**	**785,510**	**1586**	**103**	**35**	**55**
						(OP:9A3NM)
9A2UZ	**7**	**137,720**	**605**	**57**	**18**	**35**
9A5MT	**3.5**	**105,600**	**670**	**54**	**12**	**14**
***9A4P**	**A**	**890,340**	**1057**	**192**	**73**	**115**
						(OP:9A8RBX)
*9AØW	"	508,640	592	167	70	115
*9A2BW	"	14,025	86	41	21	13
*9A2Ø2GA	"	8,000	60	40	22	2
***9A2DI**	**28**	**21,756**	**112**	**36**	**20**	**18**
*9A3TY	"	19,095	109	23	20	24
***9A8W**	**14**	**18,876**	**99**	**39**	**16**	**23**
*9A2Ø6NA	"	13,462	121	32	12	9
						(OP:9A6NA)

Czech Republic

OK2SFP	**A**	**1,506,896**	**1630**	**217**	**83**	**124**
OK8DD	"	1,179,972	1132	245	96	108
OK1DBE	"	1,159,390	1179	236	79	116
OK6RW	"	326,046	510	173	70	51
OK1MSP	"	145,996	263	126	58	42
OK7GU	"	113,568	277	88	48	32
OK2PMS	"	75,310	209	90	43	37
OK1KT	"	36,400	111	61	42	27
OK1FRO	"	31,100	156	68	25	7
OK1EP	**28**	**158,994**	**435**	**74**	**32**	**40**
OK2BXW	"	137,856	421	60	28	40
OK1XC	"	74,256	341	73	29	0
OK2FB	"	58,206	221	51	24	34
OL8M	**21**	**508,923**	**1076**	**95**	**35**	**53**
						(OP:OK1DRQ)
***OK7T**	**A**	**462,384**	**643**	**172**	**74**	**66**
						(OP:OK1FHI)
*OK2EA	"	425,250	573	176	70	69
*OK2PQS	"	419,650	714	163	59	53
*OK2UHP	"	374,596	614	156	62	66
*OK2PAD	"	323,338	551	161	64	44
*OK1PMA	"	203,931	335	137	59	53
*OK1BA	"	199,136	436	141	56	27
*OK2JNB	"	172,255	345	120	57	58
*OK2SPD	"	101,442	258	108	46	20
*OK1UDJ	"	90,138	224	99	46	36
*OK6RA	"	48,138	156	79	46	17
*OK2BJ	"	41,610	109	66	57	23
*OK2SWD	"	14,898	123	54	20	4
***OK1KMG**	**28**	**8,775**	**52**	**30**	**17**	**18**
						(OP:OK1ULE)
*OK1ULE	"	32	6	3	1	0
***OK2VWB**	**21**	**230,160**	**530**	**87**	**32**	**49**
*OK2QX	"	79,950	291	72	26	32
*OK3MO	"	21,168	114	34	18	20
***OK2SAR**	**7**	**90,355**	**518**	**55**	**12**	**18**

Denmark

OZ6TL	**14**	**79,822**	**344**	**64**	**24**	**19**
OZ1ADL	**3.5**	**74,880**	**475**	**49**	**10**	**19**
***5P9X**	**A**	**665,850**	**894**	**209**	**71**	**65**
						(OP:OZ9GA)
*OZ4FF	"	212,850	386	138	64	56
*OZ7DK	"	121,536	257	95	56	41
*OZ6AGX	"	113,405	297	115	47	23
*OZ4VW	"	92,964	180	75	59	49
*OZ5TL	"	84,530	255	90	41	27
*OVØV	"	65,856	227	107	40	0
						(OP:OZ3ABE)
*OZ1DGQ	"	33,600	127	43	29	40

England

M7W	**A**	**1,335,153**	**1219**	**249**	**88**	**130**
						(OP:G3TBK)
G5D	"	913,750	964	230	87	108
						(OP:G8APB)
M2G	"	345,814	577	105	53	80
						(OP:G4RCG)
G4RKO	"	191,786	453	126	42	38
G4LPD	"	130,820	272	118	49	44
GØMGX	"	89,604	232	110	43	18
G8UBJ	"	24,750	93	36	31	32
M3I	**28**	**47,508**	**248**	**18**	**15**	**41**
						(OP:GØORH)
G4ZOY	**14**	**80,109**	**497**	**48**	**15**	**18**
***MØOSH**	**A**	**431,766**	**675**	**158**	**57**	**74**
*G4SGI	"	354,177	596	147	56	58
*MØMBF	"	184,149	363	125	57	55
*GØCER	"	174,048	339	113	51	60
*G4MUL	"	173,436	397	86	42	66
*G3VAO	"	173,030	306	122	53	67
*G3RSD	"	146,278	312	121	45	52
*G3VIP	"	142,140	262	123	54	53
*G4DDL	"	108,744	255	109	40	35
*MØMDR	"	103,790	247	110	45	39
*MØPCB	"	86,268	214	70	41	47
*GØGDU	"	63,788	207	103	32	13
*MØDYI	"	60,208	200	81	39	22
*G6VMR	"	40,194	118	59	37	30
*MØAFZ	"	39,060	123	47	34	43
*M1BCM	"	18,270	87	60	30	15
*MØDMJ	"	14,076	100	48	20	0
*G4AYU	"	7,722	62	30	24	0
*G3SZS	"	5,141	35	21	15	17
*GØWWD	"	4,704	55	33	13	2
***G3LHJ**	**28**	**78,438**	**292**	**37**	**22**	**43**
*G4ZOB	"	76,500	285	39	23	40
*GØHVQ	"	69,422	248	43	22	38
*MØTQR	"	23,028	120	29	22	25
***G4DBW**	**21**	**219,325**	**584**	**77**	**25**	**53**
*GØTKZ	"	8,784	61	29	15	17
***MØZRS**	**14**	**26,064**	**172**	**45**	**14**	**13**
*G4MEM	"	15,300	120	39	14	7

Estonia

ES4RD	**A**	**1,237,832**	**1576**	**200**	**79**	**80**
***ES1WST**	**A**	**483,314**	**529**	**220**	**83**	**74**
***ES1LS**	**14**	**156,663**	**613**	**69**	**24**	**24**
***ES7FU**	**3.5**	**14,276**	**174**	**36**	**7**	**0**

European Russia

RX3F	**A**	**1,210,745**	**1211**	**267**	**89**	**107**
UA4FQI	"	999,006	1153	233	79	81
RU1AB	"	983,112	1054	255	93	63
RW6CR	"	808,152	1238	170	60	72
RA3NC	"	542,322	665	214	71	78
UA3QGT	"	397,664	647	176	67	46
RN3ZC	"	376,908	605	180	74	40
UA4NCI	"	363,636	690	173	55	31
RA3TT	"	343,352	602	149	61	47
R3QN	"	308,259	672	158	57	18
RV4LC	"	281,358	608	157	50	24
RU1AT	"	237,744	452	163	57	34
RW4NN	"	219,500	388	130	64	56
RV1CC	"	184,149	319	110	63	64
RW3WX	"	152,402	385	102	41	38
UA1OMS	"	145,600	311	118	59	31
RC9F	"	129,630	363	108	35	31
UA4NC	"	108,297	290	136	50	5
RL2A	"	49,319	156	64	42	43
RZ6AK	"	36,162	194	75	21	2
RN1ON	"	31,248	227	42	19	1
RV6ASU	"	30,550	127	40	28	26
R7HF	"	28,227	152	58	24	15
RT3I	"	20,046	117	46	21	11
UA3AGW	"	16,434	71	41	29	13
RA3UT	"	8,249	44	42	28	3
RU6M	"	3,652	33	14	12	18
RU6L	"	2,312	23	8	10	16
RA1AW	**28**	**104,006**	**349**	**59**	**29**	**31**
UA4CC	"	32,996	205	35	17	21
RT3G	"	18,492	103	38	21	10
UA5F	**21**	**728,506**	**1583**	**105**	**36**	**56**
RA6XV	"	311,656	881	84	32	47
RU5TT	"	159,030	534	72	27	36
						(OP:RN3TE)
RK3TD	"	22,400	123	45	14	21
RT3P	**14**	**415,785**	**1161**	**82**	**33**	**44**
UA3UMF	"	23,100	155	45	20	10
RZ3AV	**7**	**106,878**	**591**	**65**	**17**	**12**
RZ4FWW	"	87,688	480	62	21	14
R7NK	"	11,275	101	40	10	5
***R7MM**	**A**	**1,530,542**	**1474**	**284**	**93**	**104**
*UC6A	"	1,203,454	1175	276	91	102
*UA4HJ	"	1,070,964	1188	263	88	75
*RO7M	"	1,062,138	1197	241	83	75
*RG5A	"	924,179	1122	242	81	60
*RX3ZX	"	890,800	999	248	92	60
*UA3QJJ	"	630,700	899	198	75	67
*RN4HFJ	"	623,253	988	210	66	33
*R8XF	"	546,021	1100	153	60	30
*UA3RF	"	480,438	815	159	62	58
*RX3ASQ	"	431,715	811	160	61	34
*RW4PFF	"	431,520	914	170	55	23
*UA4HBM	"	417,663	752	211	68	0
*RU6CH	"	411,400	783	203	72	0
*RA1ALC	"	397,872	628	187	69	51
*R3GMT	"	387,444	519	205	77	50
*R7NA	"	376,808	546	160	64	72
*RX3AGQ	"	363,629	597	186	65	36
*UA3DCW	"	362,500	674	156	57	37
*RV3YR	"	315,975	517	141	58	76
*R3PA	"	303,506	485	161	69	36
*UA3TN	"	297,180	533	159	58	37
*RA4FUN	"	290,142	516	142	56	45
*RN6AI	"	282,656	546	155	56	31
*RD3AD	"	264,368	506	168	54	26
*RA4FW	"	249,147	374	153	68	58
*RK4S	"	247,632	444	184	57	23
*RA6C	"	247,020	518	148	43	39
*UA3PT	"	223,380	552	150	54	0
*RU3WR	"	221,646	431	153	56	37
*RU3XB	"	220,296	377	168	63	37
*RA6HSM	"	214,613	459	137	52	28
*R3VL	"	206,622	452	159	56	19
*UA9XL	"	182,160	489	134	44	20
*RZ3Z	"	174,825	358	139	53	33
*RA4FP	"	166,625	323	126	59	30
*RM2T	"	162,816	430	144	48	0
*UA4PCF	"	159,543	446	112	43	16
*R2UZ	"	135,718	324	124	51	24
*RN3AJK	"	131,586	360	122	44	16
*UA9FGJ	"	128,345	319	120	50	23
*R3BB	"	120,945	339	96	47	22
*R2YES	"	111,619	264	137	51	23
*R4WT	"	102,222	309	116	36	10
*RA6HQY	"	96,775	262	122	42	11
*RV3LO	"	91,905	199	54	37	74
*RW3PF	"	78,584	227	88	44	20
*RU3XW	"	78,440	243	103	45	0
*RN4CA	"	77,914	204	101	46	16
*RN3BW	"	71,604	162	56	49	51
*UA6HO	"	71,253	155	115	59	15
*RW1AI	"	65,296	152	94	57	25
*RA3FH	"	58,058	188	93	39	11
*R3OR	"	56,025	185	93	41	1
*RZ3ATG	"	54,071	165	73	35	31
*RU6YK	"	53,019	154	66	35	36
*RK4HZ/3	"	50,228	216	82	34	0
*RK6CK	"	49,276	191	72	31	24
*RA4LK	"	46,690	116	94	51	16
*UA3YFL	"	39,729	148	73	34	16
*RU6HL	"	37,310	115	60	43	27
*RA6AAW	"	35,640	119	47	34	27
*RW3AI	"	30,956	141	78	26	5
*RN4HAB	"	24,592	126	76	29	1
*RK3DOX	"	23,064	189	49	13	0
*UA4FTA	"	21,008	91	61	30	10
*RU4PH	"	20,085	145	45	17	3
*RW4NH	"	19,184	82	68	32	9
*RN6DR	"	18,480	98	44	23	10
*RX3MM	"	15,570	75	48	26	16
*UA3RW	"	14,235	83	47	26	0
*RV3VL	"	13,845	89	46	17	8
*RA1APV	"	13,446	70	48	25	8
*RA6XB	"	12,720	63	42	20	18
*RZ3DZ	"	10,608	55	45	31	2
*RX3AFE	"	7,200	61	20	17	23
*RA3DJA	"	6,313	54	39	19	1
*RU3TC	"	4,284	33	26	20	5
*UA6JQ	"	3,872	36	25	14	5
*UB6ACV	"	3,500	26	25	22	3
*UA4SBZ	"	2,160	26	23	13	0
*UA1WBV	"	2,108	21	8	10	16
*RX6LOL	"	1,376	24	20	10	2
*RA7A	"	1,197	19	4	4	13
*UA3DPM	"	864	13	10	10	4
***UA4FBG**	**28**	**119,682**	**433**	**68**	**29**	**25**
*R9FA	"	86,500	408	61	24	15
*RN6MA	"	84,378	370	52	23	23
*R7BN	"	51,409	254	50	23	28
*RV6LX	"	23,460	135	36	16	16
*UA4PAY	"	18,150	114	42	19	14
*RD3AAD	"	17,982	98	29	22	23
*RV6LCI	"	12,710	87	31	19	12
*RU7A	"	10,824	104	26	16	2
*RV4LS	"	9,184	56	20	19	17
*RD3AJB	"	3,952	55	19	10	9
*RK6CM	"	448	18	10	4	0
***RA3XEV**	**21**	**18,536**	**146**	**38**	**12**	**6**
***RZ1ZZ**	**14**	**273,461**	**879**	**78**	**29**	**44**
*RL3QCS	"	120,540	546	65	23	17
*RX9FG	"	101,178	545	71	27	1
*RA3UAG	"	85,012	371	62	23	21
*UA3UJP	"	43,050	311	51	16	8
*R2MA	"	6,615	99	35	9	1
*RU4CO	"	4,715	56	31	9	1
*RN3DKE	"	442	14	13	4	0
***RZ6LV**	**3.5**	**22,629**	**219**	**44**	**9**	**4**
*RD4HD	"	3,750	67	25	5	0

European Turkey

TA1BM	**A**	**69,552**	**173**	**69**	**42**	**50**
***TA1CR**	**21**	**156,138**	**696**	**58**	**19**	**29**

Fed. Rep. of Germany

DL4MCF	**A**	**3,798,552**	**2414**	**334**	**113**	**205**
DM5TI	"	1,860,096	1586	251	104	164
DL8RDL	"	1,021,500	972	235	85	130
DF5MA	"	1,004,202	1151	228	84	111
DL2DIE	"	784,356	942	200	80	121
DL5ZBA	"	780,900	1051	180	75	125
DK1AX	"	761,790	907	222	82	98
DL7VOG	"	745,674	770	233	93	96
DF2TT	"	671,616	732	233	82	81
DF9OO	"	533,540	621	213	81	76
DJ8UV	"	447,560	767	165	63	107
DJ6TK	"	437,562	633	186	74	73
DF6QV	"	406,870	648	157	64	69
DL4ME	"	374,528	586	195	71	42
DF5BX	"	356,500	504	181	71	58
DJ5IW	"	327,876	489	164	68	75
DK4WW	"	297,000	440	150	69	78
DL9GCG	"	258,723	394	133	62	72
DL1NHW	"	245,358	409	136	64	58
DK3FB	"	213,120	382	152	65	71
DJ2RG	"	191,970	383	135	59	43
DK4IO	"	177,741	343	117	52	58
DL5AN	"	118,597	234	111	63	59
DJ9KM	"	110,320	226	109	59	29
DJ6TB	"	95,900	237	88	50	37
DL5MEV	"	93,624	199	80	51	57
DB1RL	"	53,400	137	58	47	45
DL1DVE	"	37,403	127	43	39	31
DAØI	"	31,878	114	63	37	26
DK9TN	"	22,869	89	30	26	43
DK7MD	"	20,025	78	31	34	24
DL6UNF	"	13,446	122	41	13	0
DG1RPU	"	4,018	35	23	16	10
DJ1MM	"	3,864	32	18	14	10
DJ6YX	"	1,935	25	25	18	0
DL3BQA	**28**	**379,680**	**885**	**84**	**31**	**53**
DLØWW	"	89,010	294	45	26	44
						(OP:DK3GI)
DL9ZWG	"	16,566	98	27	19	20
DL6AKK	"	8,722	75	29	20	0
DK3GI	**3.5**	**29,575**	**268**	**44**	**11**	**10**
***DH6BH**	**A**	**797,232**	**901**	**223**	**81**	**104**
*DL1TRK	"	600,624	687	231	87	70
*DM3HZN	"	462,990	659	164	74	67
*DGØCG	"	460,782	605	169	70	79
*DL1FCU	"	440,496	596	154	65	85
*DM5JBN	"	423,620	634	167	62	66
*DL1ARJ	"	403,840	583	179	72	69
*DL1ZBO	"	402,560	624	172	62	62
*DF6WE	"	365,351	590	169	60	58
*DK3WN	"	363,560	507	164	69	72
*DL5SWB	"	355,860	618	160	59	51
*DG7EE	"	345,978	592	186	70	42
*DC9ZP	"	327,375	470	152	71	68
*DJ4MH	"	319,734	548	168	65	46
*DJ1OJ	"	301,396	437	168	70	64
*DH7LF	"	296,835	535	129	57	71
*DL3SYA	"	276,318	541	136	58	44
*DL4FAP	"	272,310	399	155	71	64
*DF3EH	"	265,329	431	166	66	47
*DL4NN	"	241,262	395	150	61	55
*DJ5HB	"	238,108	474	149	55	43
*DM2RM	"	235,366	384	154	60	60
*DL4ZA	"	235,296	417	146	51	61
*DK1LRS	"	230,920	510	154	56	20
*DL3KVR	"	229,353	373	145	65	57
*DF3IS	"	228,780	403	160	61	58
*DL1MAJ	"	215,552	346	118	58	80
*DL8NBJ	"	209,061	355	133	58	70
*DL7UGO	"	191,700	304	156	64	50
*DL2RUG	"	178,596	284	125	56	65
*DL2LMS	"	170,612	302	102	63	56
*DG3RCE	"	167,696	427	120	43	25
*DJ3DQ	"	164,502	343	146	55	33
*DF5AN	"	163,680	254	139	67	58
*DL7UXG	"	156,648	307	101	53	60
*DF1LON	"	149,210	298	117	48	50
*DGØKS	"	142,569	241	96	61	62
*DO8ABS	"	139,707	389	93	39	39
*DL4KW	"	136,552	301	122	50	30
*DL3OH	"	125,712	240	104	60	52
*DL3HWD	"	121,975	252	107	59	39
*DK7UM	"	119,510	284	112	50	23
*DF1LX	"	117,072	257	131	54	31
*DL7UG	"	110,952	272	118	47	19
*DJ2GM	"	106,232	242	107	50	39
*DDØDRK	"	100,156	355	106	31	9
						(OP:DL4HTK)
*DK3PM	"	99,882	244	103	44	39
*DL8VKO	"	93,798	299	105	37	20
*DO7DU	"	89,782	293	80	35	39
*DL2NYC	"	87,472	288	101	41	0
*DL1EAL	"	86,864	207	85	45	48
*DL5IF	"	84,700	217	99	47	29
*DJ6UP	"	75,450	216	87	36	27
*DK6NF	"	75,360	172	64	43	53
*DB3KE	"	72,501	166	76	44	49
*DL2RMC	"	70,832	204	88	37	27
*DO9PL	"	68,670	274	75	30	21
*DL2ZA	"	68,200	198	95	34	26
*DL8ZVG	"	66,303	195	98	42	19
*DF6RI	"	59,041	183	78	35	38
*DL8ZU	"	57,936	174	74	40	28
*DL1HSI	"	57,420	185	78	43	24
*DH5AO	"	49,494	159	81	41	24
*DH6MM	"	49,125	192	97	27	7
*DJ4WM	"	48,048	214	95	27	10
*DH9SB	"	45,030	154	60	33	21
*DL5JBW	"	41,311	182	53	29	27
*DF6JF	"	39,905	126	40	28	47
*DF8UO	"	39,600	125	34	32	44
*DF8JK	"	37,605	169	78	25	12
*DL1EJD	"	36,594	141	67	40	0
*DL7YS	"	35,670	136	79	37	7
*DL4EAX	"	28,044	116	68	33	13
*DK4EF	"	27,454	120	53	26	27
*DG2JA	"	24,960	86	42	28	34
*DL1BA	"	23,205	109	39	27	19
*DL5ZB	"	22,672	84	45	37	27
*DF6ZY	"	22,246	101	46	33	19
*DL5AOJ	"	21,105	94	52	31	22
*DGØDG	"	20,610	95	44	28	18
*DK9MH	"	19,491	99	53	22	14
*DL1DWL	"	17,908	129	50	24	0
*DC4UX	"	16,376	102	58	26	8
*DK1AUP	"	15,876	95	55	34	9
*DF8JE	"	12,690	107	28	19	0
*DJØOT	"	11,468	90	43	14	4
*DL7VRG	"	11,096	69	42	24	10
*DK6YM	"	10,944	85	43	16	5
*DL2ARG	"	10,602	73	40	22	0
*DO7NP	"	7,888	66	31	16	11
*DL6UAM	"	6,072	76	36	8	0
*DO8UO	"	2,442	23	15	13	9
*DL5KMS	"	1,350	20	10	8	9
*DL9NO	"	143	6	6	5	0
***DL1DTL**	**28**	**157,284**	**405**	**78**	**31**	**44**
*DJ9DZ	"	89,364	300	65	28	39
*DF4WC	"	53,100	211	29	21	40
*DL5KUR	"	38,626	150	38	25	26
*DO6GZ	"	26,860	128	30	19	30
*DL9MKN	"	21,714	108	40	22	15
*DH5WB	"	17,485	100	27	18	20
*DB9EX	"	14,912	86	24	17	23
*DL4ALX	"	8,142	69	17	13	16
***DL5KUD**	**21**	**168,012**	**427**	**83**	**30**	**43**
*DO8AH	"	41,679	166	46	27	26
*DO3KMF	"	33,704	154	41	19	28
*DH5ABC	"	14,508	109	31	16	15
*DO1BEN	"	3,959	61	23	14	0
*DO3SP	"	3,680	35	30	16	0
*DO4TP	"	3,395	36	8	7	20
***DF1MM**	**14**	**30,520**	**201**	**46**	**15**	**9**
*DH8IJ	"	7,650	74	29	12	10
***DL1AIW**	**7**	**61,983**	**406**	**61**	**15**	**21**
*DL4FN	"	23,552	199	44	11	9
*DJ2YE	"	11,616	129	39	8	1
*DL2RCH	"	432	20	13	3	0
***DL5ALW**	**3.5**	**20,299**	**207**	**44**	**8**	**1**

Finland

OH8X	**A**	**3,519,315**	**2518**	**312**	**120**	**165**
						(OP:OH6UM)
OG3ØOJ	"	899,334	1374	181	68	57
						(OP:OH3OJ)
OH2K	"	504,347	611	142	69	106
						(OP:OH2LRE)
OH6BA	"	378,900	569	186	67	47
OH6RE	"	166,808	322	145	54	33
OH1F	**28**	**395,578**	**919**	**82**	**34**	**50**
						(OP:OH1NOA)
OH9R	"	57,989	239	55	25	23
						(OP:OH2RI)
OH7KNM	**21**	**311,750**	**951**	**71**	**26**	**48**
OH4KZM	"	224,496	673	75	25	44
OH9GIT	**14**	**29,670**	**223**	**50**	**19**	**0**
OH1ØA	**7**	**16,740**	**143**	**49**	**12**	**1**
***OH7GGX**	**A**	**735,183**	**871**	**238**	**82**	**53**
*OH2DP	"	195,688	367	138	55	51
*OH2NT	"	186,528	489	143	49	9
*OH2JLN	"	56,392	202	89	29	15
*OH2JIU	"	49,068	192	101	34	6
*OH6FXL	"	15,575	96	58	26	5
*OH1XY	"	1,863	31	13	11	3
***OH5UFO**	**28**	**64,890**	**268**	**45**	**23**	**37**
*OH2BBT	"	28,137	137	40	24	19
*OH6GAZ	"	6,000	47	28	20	0
***OH6K**	**21**	**57,000**	**210**	**56**	**22**	**36**
						(OP:OH6FSG)

France

F5VKT	**A**	**2,418,250**	**1796**	**285**	**105**	**179**
F6AUS	"	297,360	426	151	64	80
F5GFA	"	198,016	494	139	50	32
F8DHB	"	149,352	349	50	32	86
F6BIP	"	60,298	171	72	36	38
F5VML	"	43,656	139	72	36	28
F5IHZ	"	15,744	99	60	22	0
F4FFH	"	13,875	66	25	20	30
F4CLB	"	675	17	17	8	0
TMØT	**28**	**577,716**	**1287**	**97**	**36**	**53**
						(OP:F/TU5KG)
F1RHS	"	172,388	483	64	31	47
F8PMO	"	48,510	204	32	23	35
F5TMJ	"	45,800	178	45	24	31
F6CXJ	"	10,615	84	19	13	23
F5NBX	**21**	**57,618**	**229**	**45**	**19**	**35**
***F6FTB**	**A**	**611,610**	**700**	**197**	**77**	**96**
*F6GCI	"	417,206	558	194	70	73
*F1VEV	"	319,224	520	161	55	66
*F5RD	"	260,454	476	133	53	63
*F4FDR	"	150,084	363	120	50	28
*F1IWH	"	131,560	298	89	42	53
*F4ECR	"	119,698	264	97	50	47
*F/DC2IP	"	113,061	288	105	43	21
						(OP:DC2IP)
*F4CZV	"	96,278	252	114	45	23
*F5BSB	"	64,672	147	75	47	50
*F6DZD	"	64,372	187	92	40	22

*F4GOH	"	53,712	183	79	35	30
*F4LKJ	"	41,796	174	55	25	28
*F5CT	"	33,027	116	28	27	46
*F/LX1ER	"	24,200	96	66	36	8
						(OP:LX1ER)
*F4GOJ	"	11,502	65	33	22	16
*F8KKH	"	9,920	77	29	19	14
						(OP:F4GBW)
*F4GOU	"	7,788	52	29	16	14
***F6IRG**	28	62,727	237	39	26	38
*F6CQU	"	41,670	169	36	24	30
*F4FEP	"	17,613	112	17	14	26
***F4AGR**	14	92,748	362	66	23	29

Greece

SV1JG	A	443,212	627	161	61	86
SV2FLQ	"	255,360	411	148	67	51
SV2GJV	14	30,660	245	39	13	8
***SV3GKU**	A	244,816	477	92	41	81
*SV7CUD	"	211,762	410	121	48	57
*SV1QEZ	"	160,605	401	124	47	44
*SZ1A	"	108,290	407	78	28	24
						(OP:SV1GYG)
*SV2JAO	"	85,772	205	63	40	61
*J47X	"	60,030	210	89	39	10
						(OP:SV7BVM)
***SV2MIN**	28	74,860	330	40	19	36

Guernsey

***GUØSUP**	A	509,312	549	191	67	110

Hungary

HG1A	A	1,365,168	1304	245	96	137
						(OP:HA1ZN)
HA8AL	"	15,048	137	43	14	9
HG7T	28	459,888	1029	84	36	56
						(OP:HA7TM)
HG1G	3.5	91,464	646	52	11	11
HA3LI	"	84,932	644	51	10	7
***HA8XF**	A	82,200	279	99	34	4
*HAØRZK	"	81,260	237	104	51	15
*HA5KN	"	79,514	238	96	42	28
***HAØLW**	28	28,070	146	25	19	26
*HG3FMZ	"	24,948	129	31	22	28

Iceland

***TF3G**	A	16,940	120	53	17	7

Ireland

***EI4DW**	A	318,857	442	136	58	93
*EI1DG	"	207,393	397	106	50	63
*EI3CTB	"	94,122	208	92	47	50
*EI4HQ	"	44,145	140	76	34	25
***EI6KD**	14	65,025	380	53	15	17

Italy

IW1PNJ	A	643,632	832	201	77	90
IK5GQK	"	549,172	698	196	75	87
IZ3SQW	"	443,556	610	180	60	84
IW2MYH	"	351,900	508	160	64	76
IK1UGX	"	315,984	579	117	42	73
IW3HXR	"	214,248	439	149	60	28
IK1MEG	"	205,848	409	106	46	64
IV3VBM	"	187,452	361	145	58	43
IN3BIY	"	114,855	229	97	47	51
IK2YXB	"	95,052	209	83	45	50
IZØGMS	"	76,752	223	94	37	25
I3FIY	"	68,096	200	70	50	32
IWØSAF	"	63,365	201	68	39	38
IZ1OQB	"	58,870	226	105	36	4
IØHJN	"	35,100	128	52	30	35
IZ8RSO	"	32,487	115	57	32	30
IWØGYC	"	7,656	61	33	25	0
IZ8IYL	28	201,240	477	92	35	45
I2VGW	"	115,350	326	78	32	40
IZ8EDL	"	82,030	260	62	25	43
IK3ASM	"	25,760	128	38	24	18
IK2AHB	21	37,917	145	42	18	39
IK4DCX	14	405,072	1045	90	33	51
IKØGDG	"	239,975	762	80	28	37
IK2DPP	"	860	21	15	5	0
IV3AZV	7	88,688	509	61	14	17
I4AVG	3.5	154,000	690	61	20	31
***IW2MXY**	A	688,160	847	208	74	109
*IK4QJF	"	672,372	851	156	61	125
*IK2XDE	"	629,070	684	199	83	108
*IK1RKU	"	608,124	699	193	80	101
*IK2YSJ	"	435,500	602	180	72	83
*IK1DFH	"	407,960	611	198	64	48
*IZ3GOG	"	399,946	531	173	73	65
*IV3ARJ	"	362,976	531	171	61	72
*I2XLF	"	355,759	589	162	61	66
*IØYQV	"	287,850	422	155	68	62
*IK2SBB	"	286,254	515	166	55	58
*IV3XPP	"	237,636	397	132	54	66
*IN3JJI	"	235,704	454	150	55	39
*IØZUT	"	219,648	347	139	56	61
*IK2RZG	"	217,968	484	131	52	45
*IZ5IOS	"	204,490	392	144	56	42
*IKØTUM	"	203,580	336	143	64	54
*IZ7XNB	"	180,238	360	112	52	63
*IK7NXU	"	180,072	310	112	56	78
*IØGIA	"	179,310	374	131	50	34
*IK4CLF	"	175,791	342	118	55	58
*IKØPEA	"	154,344	254	109	44	83
*IZ8EEL	"	149,000	344	101	45	54
*IZ7DMT	"	146,020	331	108	48	40
*IZ4RWU	"	142,569	271	115	51	51
*IK2WXV	"	126,599	337	111	41	35
*IZ5HQB	"	117,912	245	98	45	61
*I1ABT	"	117,600	243	106	52	42
*IV3BCA	"	112,332	269	137	62	23
*IZ4YAB	"	105,219	191	148	53	42
*I2BZN	"	101,360	229	90	43	48
*IN3EJN	"	87,675	258	121	37	9
*IZ3GYS	"	86,016	220	89	42	37
*IZ4ORF	"	80,364	233	88	40	53
*IK5ZTT	"	78,069	226	92	42	25
*IK6UBY	"	73,980	256	96	36	3
*IZ3QCH	"	72,393	236	105	42	30
*IK7WPD	"	72,072	195	79	45	32
*IV3IIM	"	62,886	220	88	36	17
*I4HRH	"	61,568	165	76	43	29
*IK2AUK	"	60,840	192	108	39	22
*IV3KAS	"	53,720	156	83	41	34
*IK2NCF	"	53,580	155	75	38	28
*IW5EIJ	"	52,060	147	59	37	41
*IZ3KSP	"	51,876	175	74	34	24
*IKØBZE	"	51,084	175	58	41	30
*IK2VTJ	"	49,876	182	93	37	18
*IV3BXV	"	49,500	164	70	31	31
*IW1QLH	"	48,960	163	82	33	21
*IK1ZVJ	"	48,620	161	81	36	13
*IN3UFW	"	46,482	216	91	35	1
*IK2WAD	"	39,625	145	62	30	33
*IZ1DXS	"	38,400	123	53	32	43
*IZ7EUB	"	38,205	100	53	45	37
*IWØHLG	"	37,675	116	77	37	23
*IZ1GLX	"	37,064	145	60	39	14
*IV3KSE	"	35,462	120	56	34	29
*IK2FDV	"	33,333	129	78	29	16
*I8IEQ	"	30,290	113	92	38	0
*IK4ZHH	"	26,104	103	29	24	51
*IK3CST	"	26,058	132	68	25	8
*IK1WEG	"	25,788	138	52	30	2
*IZ2GRG	"	23,200	100	51	29	20
*IK5AMB	"	18,042	82	49	26	18
*I1DXD	"	15,792	81	60	34	0
*IKØEFR	"	14,322	65	42	34	17
*IW3IAU	"	13,293	83	34	22	7
*IK4XQT	"	12,580	98	51	20	3
*I1YGQ	"	12,556	90	46	25	2
*IK2IKW	"	11,461	69	44	27	2
*IZ1HDR	"	10,164	78	44	19	3
*IØLTX	"	9,652	73	41	25	10
*IK2REA	"	9,310	53	23	18	29
*IØMOM	"	8,840	48	25	26	14
*IV3DYS	"	8,211	71	44	22	3
*IW6NZY	"	5,940	68	32	13	0
*IV3IQY	"	5,460	44	31	21	8
*IZ2ABZ	"	5,184	39	31	24	9
*IZ3KRP	"	4,312	41	32	20	4
*IZ2CSX	"	4,293	33	28	19	6
*IZ8CLM	"	4,150	31	25	19	6
*IK2UJF	"	3,478	38	25	15	7
*IZØFZM	"	1,482	22	4	5	17
*IZ3TFL	"	736	12	11	12	0
*IZ3GNG	"	696	11	11	10	3
*IZ8FTW	"	442	12	7	6	0
***IZ8MXB**	28	39,964	167	37	20	40
***IKØFUX**	21	74,655	225	72	26	37
*I4UUL	"	59,072	233	53	18	33
*I3PXN	"	51,728	253	58	23	25
*IO3K	"	48,503	230	63	23	5
						(OP:IZ3KNK)
*IV3XZG	"	40,400	154	49	20	32
***IQ2CU**	14	93,795	393	68	25	18
						(OP:IN3OWY)
*IZ4OUA	"	87,666	339	64	22	28
*IZ2GIU	"	54,464	271	58	18	16
*IZ7WWY	"	53,872	292	49	15	27
*IZ2JNN	"	11,832	136	41	10	0
*IKØALH	"	9,196	141	36	8	0
*IZ8IBC	"	5,529	45	37	11	9
***IL3/IT9STX**	7	72,354	438	61	13	19
*IW2HUS	"	45,741	298	54	12	13
*IZ5DKO	"	41,366	248	52	15	19
*IW5CZU	"	9,450	128	35	7	0
*I4JEE	"	1,540	44	19	3	0
***IK2DZN**	3.5	32,208	264	48	11	7
*IK3SSJ	"	18,048	215	40	7	1

Kaliningrad

UA2K	A	102,018	311	70	21	56
						(OP:UA2FB)
RA2FB	21	53,110	202	62	22	29
***UA2FFW**	A	94,770	251	72	41	49
*RA2FU	"	21,624	103	62	32	8
*UA2FP	"	2,584	40	24	10	0

Latvia

YL2CI	A	2,773,890	2170	311	107	137
YL2BJ	"	13,685	63	47	29	9
YL2IP	21	67,275	253	64	20	31
***YL2TB**	A	1,016,251	1009	233	85	115
*YL2QV	"	197,064	340	137	62	39
***YL2NN**	28	92,800	294	62	28	38
***YL3CU**	7	153,545	693	64	18	25

Lithuania

LY5D	7	65,535	373	54	14	17
***LY2TS**	A	82,328	212	82	43	39
*LY2LF	"	13,298	135	45	15	1
***LY1CT**	28	26,149	135	36	21	22
***LY2CG**	21	43,362	219	52	22	25
***LY6M**	3.5	465	19	11	4	0

Macedonia

Z37M	14	694,331	1623	98	34	55
Z36W	3.5	40,320	315	46	10	8
***Z31MM**	28	64,416	282	44	17	35
***Z33A**	14	36,750	386	40	10	0
***Z33F**	7	103,224	596	60	14	18

Moldova

ER5LL	A	810,260	1265	191	56	72
***ER1LW**	A	295,008	605	123	47	54
*ER3AU	"	106,689	315	103	43	13
***ER1OO**	21	16,920	135	44	16	0

Netherlands

PAØLOU	A	246,316	395	125	60	81
PA9DD	"	207,474	396	112	45	72
PA2WO	"	127,693	470	95	30	24
PA1TX	"	127,596	293	85	43	58
PA2ALF	"	90,630	237	89	49	21
PA4B	"	87,145	254	76	38	31
PAØLSK	"	38,703	144	71	35	27
PA3C	"	14,931	65	35	25	19
PA5TT	"	3,150	25	24	19	2
***PA3DBS**	A	794,750	981	203	73	98
*PC2T	"	718,627	799	200	74	97
*PA3T	"	655,200	808	205	73	82
*PA3ANN	"	422,338	684	193	68	50
*PA3CMF	"	246,720	456	138	51	51
*PA3ARM	"	235,176	443	147	52	47
*PA2LP	"	111,688	308	123	47	14
*PA2W	"	109,248	259	113	47	32
*PA3HFJ	"	81,816	212	90	36	42
*PA3AQL	"	70,650	242	98	35	17
*PD2JAM	"	69,864	248	55	28	40
*PA3EMN	"	63,550	161	66	46	43
*PA3AWW	"	59,598	238	70	36	23
*PE2AE	"	59,064	203	89	38	11
*PC5D	"	57,352	181	67	37	30
*PD6W	"	54,270	193	61	34	40
						(OP:PDØEMR)
*PA3GDD	"	52,404	194	65	37	30
*PAØJHS	"	40,948	145	50	31	35
*PD3AHW	"	37,905	147	47	25	33
*PDØMHZ	"	36,090	205	64	22	4
*PC12WSF	"	28,912	138	65	27	12
						(OP:PAØFAW)
*PA3GEO	"	28,704	123	65	29	10
*PAØCGB	"	27,360	111	35	24	37
*PA3EEG	"	22,698	99	54	29	14
*PDØJMH	"	19,837	98	37	26	20
*PDØGK	"	19,740	100	47	17	20
*PA3FOE	"	17,901	114	55	26	0
*PA1VC	"	10,212	61	40	19	15
*PD1EJA	"	8,540	59	30	20	11
*PDØLFJ	"	2,775	31	20	13	4
*PDØRON	"	1,815	27	20	10	3
*PC5F	"	693	14	12	7	2
***PAØMIR**	28	68,480	232	45	25	37
***PA3A**	7	4,182	66	27	5	2

Northern Ireland

MIØBPB	28	33,299	211	28	18	25
***2IØGWA**	7	154,665	607	47	14	44

Norway

LA8PDA	A	310,845	546	142	58	55
LA5HPA	"	115,081	367	115	35	7
LA4URA	"	54,670	155	72	39	43
LA3WAA	28	52,500	255	49	23	28
LA2IJ	7	55,142	339	53	11	15
***LA7HJA**	A	2,641,962	2046	299	107	156
*LA3BPA	"	401,892	535	192	82	47
*LA7CL	"	149,100	320	126	52	32
*LA7SI	"	52,662	197	95	36	0
***LA5QIA**	21	221,352	689	69	26	43
***LA3LJA**	14	56,028	288	55	21	16

Poland

SN7Q	A	4,291,224	2815	312	111	200
SP3VSE	"	1,572,182	1446	243	88	160
SP9UNX	"	1,050,903	1062	250	83	108
3Z5W	"	1,033,734	1191	186	73	118
						(OP:SP5KP)
SQ7LQJ	"	269,340	467	158	60	50
SP1MGM	"	262,550	393	173	67	55
SP3DIK	"	197,286	342	137	68	46
SQ7B	"	174,048	401	139	50	35
SP5GMM	"	133,400	224	122	64	46
SN2Q	"	101,135	228	77	48	54
						(OP:SP2HYO)
SO6X	"	62,850	187	47	30	73
						(OP:SP6IXF)
SP3RBG	"	54,715	130	54	43	58
SP8BQL	"	48,465	155	50	38	47
SP3GXH	28	156,630	410	67	32	39
SP8CUR	"	84,136	321	42	19	43
SP2IU	"	29,495	129	33	22	30
SP3ASN	21	280,500	683	82	33	50
HF4K	14	727,650	1662	100	34	55
						(OP:SP4K)
SP8TDV	"	36,616	163	56	20	16
***SQ9UM**	A	3,191,741	2280	345	115	157
*SN1Z	"	874,944	881	256	93	92
						(OP:SQ1EIX)
*SP6MLX	"	594,286	684	215	84	75
*SP8CGU	"	581,996	759	188	74	70
*HF8E	"	579,087	808	192	69	72
*SP3GAX	"	507,483	678	196	70	73
*SP1QXK	"	331,162	466	123	67	81
*SP3HC	"	330,616	493	171	71	47
*SP3DSC	"	322,320	508	141	67	64
*SP3DOF	"	318,080	544	189	75	16
*SQ8LEC	"	297,528	492	143	65	56
*SP9FQI	"	285,558	442	145	62	66
*SP9BNM	"	271,460	489	169	65	43
*SP5GRU	"	252,624	403	150	56	71
*SN9V	"	218,040	413	136	58	43
						(OP:SP9NWN)
*SP2MKZ	"	214,200	401	133	58	47
*SP3UIW	"	204,057	370	124	48	65
*SQ9ANS	"	196,253	390	135	55	39
*3Z6O	"	196,200	396	124	56	38
*SP7QJB	"	187,964	472	141	40	15
*SP9CXN	"	169,708	397	135	45	23
*SP7AWG	"	162,401	321	137	56	40
*SP4BPH	"	160,083	408	120	46	23
*SP6TRX	"	141,918	293	134	60	24
*SP5GDY	"	130,305	257	118	64	37
*SP2MKI	"	113,022	260	106	46	37
*SP9AUV	"	79,632	223	98	50	20
*SP8NR	"	60,858	167	53	32	53
*SP4AVG	"	59,920	215	93	36	11
*SP3UY	"	54,288	161	95	49	30
*SP5TAZ	"	53,978	211	100	37	0
*SQ9IWS	"	50,600	204	64	31	20
*SN1ØAPM	"	49,995	234	65	29	7
*SQ5JUP	"	49,915	130	64	49	36
*SP6BSL	"	30,552	99	44	36	34
*SP9IHP	"	25,740	99	28	23	39
*SQ6POM	"	11,297	91	54	18	7
*SQ7BTY	"	8,160	67	40	18	2
*SO7B	"	8,008	43	39	29	9
*SO8O	"	2,520	26	23	17	2
***SP9BGS**	28	83,853	257	54	29	38
*SP3IC	"	80,847	251	54	26	37
*SP2EXE	"	68,558	242	60	28	30
*SP1DMD	"	55,296	211	50	27	31
*SQ2RCK	"	40,673	171	38	24	27
*SP9DSD	"	33,891	171	43	22	14
*SO8T	"	2,064	32	13	11	0
						(OP:SP8TJU)
***SP9W**	21	79,662	333	42	19	41
*SP6DMI	"	65,618	245	55	21	33
*SQ8KEZ	"	8,448	86	26	14	4
***SP2AEK**	14	42,542	275	53	16	20
*SP5ECC	"	35,136	227	47	15	10
*SQ3REB	"	24,779	165	46	14	11
*SP3BGD	"	850	13	13	10	2
***SP2QOT**	7	63,624	376	61	14	13
*SP3OL	"	44,283	284	55	14	18
*SP7DBI	"	38,136	243	54	14	16
***SQ2RGB**	3.5	60,016	509	49	10	3
*SP9KDA	"	52,887	465	47	10	4
*SQ2NNN	"	42,540	400	44	9	7

Portugal

CT1ILT	A	4,745,592	2763	333	120	231
***CT7ADH**	A	462	12	9	7	5
***CT1EEK**	21	277,992	735	85	29	48

Romania

YO9HP	A	3,421,660	2501	333	111	160
YO3CZW	"	1,666,224	1565	226	79	159
YP1ØØKSE	"	1,146,544	1061	243	92	129
						(OP:YO6BHN)
YO6FPW	"	51,220	169	65	37	28
YO7CVL	"	41,225	209	59	23	15
YP6Z	"	20,038	117	49	18	19
YO3RU	21	63,595	240	57	24	34
YO5OHY	14	138,336	470	73	28	30
YO3JW	"	26,520	204	44	15	6
***YO3APJ**	A	589,944	685	209	78	89
*YO7ARY	"	432,635	591	184	69	76
*YO5BYV	"	420,080	657	180	73	42
*YO6HSU	"	254,410	460	137	65	45
*YO9GSB	"	240,295	609	121	42	24
*YO3GNF	"	204,897	404	132	59	40
*YO8RFS	"	158,268	353	126	58	34
*YO4AAC	"	146,494	384	116	44	18
*YO2LDU	"	115,632	300	89	40	47
*YO4RST	"	111,550	219	88	50	56
*YO5OLD	"	96,026	321	70	38	25
*YO3FOM	"	83,980	188	94	47	49
*YO5TP	"	76,560	194	93	54	29
*YO9CWY	"	72,488	248	78	39	19
*YO5NY	"	70,740	235	80	34	21
*YO6DBL	"	63,504	211	90	33	24
*YO4CVV	"	48,514	164	70	35	22
*YO2MJI	"	22,477	133	62	25	4
*YO9FLD	"	10,608	65	41	16	11
***YO3JF**	28	284,258	664	89	33	47
*YO5CRQ	"	37,810	159	44	24	27
***YO8ROK**	21	1,876	34	18	8	2
***YO3CBZ**	14	40,572	194	60	21	17

Sardinia

***ISØLFZ**	A	173,147	343	148	55	44

Scotland

GM1BSG	A	1,021,636	995	240	81	113
GM3MZX	"	785,747	954	211	78	78
GM2V	28	15,176	100	21	14	21
						(OP:GM3WOJ)
GM3C	14	209,550	779	72	25	30
						(OP:GMØNBM)
***GM5M**	A	248,148	400	120	57	67
						(OP:GM4ZNC)

Serbia

YUØT	A	294,421	675	74	34	59
						(OP:YU1WS)
YT2R	14	750,426	1797	92	34	55
						(OP:YU1AU)
YT8A	7	448,902	1395	78	26	49
						(OP:YU1EA)
***YU1KT**	A	281,478	534	167	58	33
*YU1RP	"	66,941	241	76	38	17
*YT4TT	"	11,270	72	42	20	8
***YU1JW**	21	168,432	540	62	25	45
***YU5MOL**	7	43,142	290	55	12	7
*YU7D	"	26,936	204	48	12	14

Sicily

***IT9AJP**	A	131,400	301	124	49	27
*IW9HHB	"	121,878	319	119	46	18
***IT9JOF**	28	22,698	105	25	19	34
*IT9JDH	"	4,066	43	19	10	9
***IT9YAO**	21	40,950	270	44	16	10
*IT9AUH	"	4,033	56	26	10	1
***IT9BYL**	7	38,998	326	45	11	6

Slovak Republic

OM2KW	A	2,812,950	2134	270	108	192
OM3IAG	"	654,840	838	205	76	79
OM8LA	"	202,958	478	162	56	0
***OM7OM**	A	1,040,292	1194	236	77	83
*OM5NL	"	392,904	622	231	75	0
*OM7AG	"	337,248	525	167	60	61
*OM3R	"	264,420	501	158	58	44
						(OP:OM3CFR)
*OM7LM	"	157,122	351	101	51	51
*OM5MX	"	113,776	258	94	55	59
*OM3PQ	"	105,846	261	96	41	40
*OM5CD	"	47,859	123	78	48	33
*OM2DT	"	7,373	47	36	27	10
***OM7YC**	28	6,240	58	24	16	8

Slovenia

S51DI	A	16,226	118	33	14	14
S5ØR	21	45,450	213	42	23	25
S57YX	7	43,692	339	49	11	6
***S5ØXX**	A	2,695,824	2029	315	103	161
*S55VM	"	299,788	435	166	70	62
*S57AM	"	167,024	332	103	52	53
*S57YK	"	124,568	287	92	45	47
*S59D	"	90,324	251	115	53	25
***S5ØA**	7	60,687	254	48	15	36
***S54A**	3.5	28,954	239	45	10	7

Spain

EA7ELY	A	1,850,407	1624	227	80	174
EA1EVR	"	950,144	1015	228	90	98
EA7HLU/EA1	"	612,846	927	191	70	90
						(OP:EA7HLU/EA1)
EA4GB	"	264,638	464	118	51	84
EA4KD	"	233,366	430	89	40	82
EA1DVY	"	153,906	306	110	60	57
EB1IC	"	133,032	295	81	48	55
EA1EPM	"	90,347	241	93	40	34
EA3HKA	"	59,268	233	96	36	0
EA7MK	"	41,550	129	76	43	31
ED5J	28	189,612	544	62	24	52
						(OP:EA5DM)
EE3Y	"	165,022	444	66	33	44
						(OP:EA3EYD)
***EA1WW**	A	921,490	973	240	83	107
*EA7TG	"	669,578	743	135	66	137
*EA2BNU	"	505,476	643	175	60	107
*EA7CVF	"	448,578	582	193	71	87
*EF5T	"	447,997	626	148	51	94
						(OP:EA5HT)
*EA3EGB	"	357,332	508	175	62	77
*EE7A	"	327,543	474	166	65	72
						(OP:EA7CIX)
*EB5CS	"	314,820	499	148	50	72
*EA3CS	"	305,728	513	166	57	58
*ED1DF	"	287,328	444	145	63	84
*EF7A	"	231,280	495	80	36	80
						(OP:EC7ABV)
*EA7KB	"	147,232	448	114	37	21
*EA2DDE	"	128,296	313	127	46	30
*EA5HRT	"	121,604	336	98	35	39
*EA7AH	"	93,536	296	96	28	24
*EA7CWA	"	84,584	222	114	57	47
*EA1CF	"	84,341	179	89	43	61
*EE5V	"	70,784	197	96	41	21
						(OP:EA5RW)
*EA7IQM	"	64,183	265	97	42	34
*EA2RE	"	54,656	178	69	27	32
*EB1CAR	"	48,789	145	59	30	50
*EA3AYQ	"	43,608	161	74	34	30
*EA2DCF	"	35,343	121	55	32	32
*EA7VJ	"	30,392	105	73	43	15
*EA7AZA	"	24,035	118	47	26	22
*EA1EWY	"	8,802	75	36	11	7

*EB1GZO	"	6,897	45	17	16	24
*EB2DJB	"	4,510	59	32	9	0
*EE7Y	28	361,420	865	87	33	50
						(OP:EA7ISH)
*EA5HJO	"	80,367	253	57	29	43
*EA4EQD	"	80,010	242	57	27	43
*EA1VT	"	73,632	268	56	24	38
*EA7HY	"	68,355	355	49	18	26
*EA5TT	"	31,920	145	36	16	32
*EA4BNQ	"	156	7	3	4	6
*EA5HKZ	21	37,920	239	62	18	0
*EA5XC	"	24,766	250	42	16	0
*EA5ET	14	134,232	539	70	23	26
*EB3GIH	"	69,993	355	58	18	23
*EA5ME	"	26,967	144	51	16	22
*EA4CWN	"	14,475	95	46	14	15
*EA3GLB	7	268,409	902	72	22	45

Sweden

SF6DX	A	838,950	1078	174	71	105
						(OP:SM6FUD)
SM5CZQ	"	367,920	523	180	67	68
SM6NOC	"	257,920	496	104	52	52
SM5BMB	"	50,540	137	48	38	47
SM5QU	21	34,290	160	40	19	31
SM6BZV	14	316,345	958	79	28	44
*SM6FKF	A	339,883	507	157	69	57
*SM5IMO	"	283,800	512	87	45	88
*SM2BJS	"	255,552	561	158	50	34
*SI6W	"	207,900	446	112	48	60
						(OP:SA6AQP)
*SMØBSO	"	171,094	374	124	51	27
*SFØD	"	121,600	305	119	44	27
						(OP:SMØDSF)
*SE5S	"	120,367	273	105	50	42
*SM6GKT	"	64,032	194	98	47	29
*SM3AF	"	39,040	181	77	35	10
*SA7AOI	"	5,445	35	25	23	7
*SE4ØØKISA	"	4,048	45	28	13	3
*SM3LBP	21	102,310	357	66	25	39
*SM6V	"	3,220	40	10	9	16
*SM7CIL	14	14,784	117	36	14	6
*SM5MX	7	84,780	487	60	14	16

Switzerland

HB9TOC	A	1,278,646	1146	252	86	129
HB9CAL	"	295,086	493	150	56	57
HB9CRV	"	234,192	507	114	35	55
*HB9AWS	A	449,268	607	199	73	76
*HB9ODP	"	190,376	450	145	49	18
*HB9ELD	"	42,532	171	47	20	31
*HB9/RV3DH	"	39,072	196	64	17	15
						(OP:RV3DH)
*HB9CNY	"	37,840	124	36	30	44
*HB9VID	28	14,235	92	28	18	19

Ukraine

UU7J	A	3,544,515	2797	307	106	172
						(OP:UUØJM)
EM2G	"	2,650,800	2131	323	105	136
						(OP:UR7GO)
UY7MM	"	2,153,850	1963	297	102	120
UV5U	"	1,988,800	1482	315	113	137
						(OP:UX1UA)
UW8I	"	1,586,156	1405	297	108	112
						(OP:UT2IZ)
UY1HY	"	1,123,122	1098	266	96	100
UT2UB	"	885,660	963	254	91	90
UY2UR	"	216,678	405	129	52	50
UT1AA	"	90,954	276	96	40	27
UT5JCE	"	78,496	193	75	51	50
UR5FS	"	58,800	245	79	33	0
US3IY	"	38,913	150	82	37	0
UTØRM	"	23,296	107	42	27	22
UR8GM	"	3,348	50	23	8	0
UX5IO	28	96,824	400	39	24	35
UT7QF	"	94,300	346	50	23	42
UT4XD	"	79,570	307	53	27	29
						(OP:UT4X)
US7IS	14	112,640	518	64	25	21
UY5ZZ	"	45,560	263	40	16	29
*URØHQ	A	1,549,086	1423	263	99	117
*UT5EPP	"	1,252,216	1498	244	81	88
*UR4U	"	1,249,740	1207	278	94	105
						(OP:UR4UDI)
*UR5ETN	"	633,784	830	216	75	58
*US6CQ	"	620,221	784	199	67	87
*UT4XU	"	536,598	694	195	81	66
*UX7FD	"	518,414	780	184	64	66
*UT3XA	"	474,821	650	177	72	64
*UX6IB	"	394,065	547	194	78	43
*UT8IT	"	371,800	598	178	63	45
*UR4MG	"	357,296	601	180	62	32
*UT8IM	"	341,309	546	189	66	34
*UT3RS	"	332,704	544	185	63	33
*UX2MF	"	305,620	537	187	63	9
*UX3IW	"	298,410	377	127	71	96
*UY5TE	"	284,256	537	164	55	33
*UX7QV	"	271,400	610	145	53	32
*US3IS	"	210,240	464	120	54	45
*UW5IM	"	190,754	320	148	59	47
*UX8ZA	"	174,708	393	140	54	17
*US7IA	"	157,076	341	139	56	19
*UX8IW	"	142,676	331	143	51	18
*UR8EQ	"	129,752	289	114	52	30
*UY5AA	"	123,519	255	56	40	101
*UR3ILY	"	119,121	298	113	43	21
*UT3WW	"	118,206	251	136	59	4
*UW1WU	"	116,383	286	107	43	31
*US5UCC	"	112,068	246	111	52	35
*UXØSX	"	110,840	321	113	47	10
*UR5UBR	"	105,315	298	111	44	22
*USØMM	"	96,986	378	94	29	19
*UT1IM	"	72,048	205	95	35	28
*UR5XMM	"	53,098	185	87	39	13
*UT7MR	"	50,022	183	82	29	15
*UR5IHD	"	41,529	190	87	32	8
*UX7FC	"	39,412	163	85	30	3
*UT2HM	"	29,036	123	74	37	11
*UV3QF	"	27,300	122	65	28	7
*UR7QM	"	25,088	124	61	30	7
*UT5ECZ	"	17,862	101	51	14	13
*UR3AC	"	16,892	115	57	20	5
*UR5LY	"	14,720	86	55	25	0
*UTØFC	"	12,636	121	55	19	4
*UT5CL	"	10,540	65	34	20	14
*UT3UA	"	5,280	57	22	11	7
*UT3IW	"	1,472	16	16	15	1
*UU9JQ	28	146,970	404	75	29	38
*UR8QR	"	73,944	277	55	26	23
*URØIM	"	35,816	188	42	20	26
*UW7CN	"	12,285	78	27	17	21
*UT4UFU	"	6,920	66	18	12	10
*US4LPY	21	139,625	538	66	23	36
*UT5PQ	"	80,784	246	66	26	40
*UXØUW	"	75,867	246	61	24	36
*UW2Q	"	42,075	256	56	19	10
						(OP:UR6QS)
*UR5ZSU	"	33,792	185	46	17	25
*UR5FCM	"	25,315	201	40	13	8
*UW5U	14	367,137	976	90	31	50
						(OP:UY2UA)
*UY6IM	"	171,450	685	74	28	25
*UR3UT	"	63,504	292	57	22	19
*UY3MW	"	46,782	320	48	15	6
*UT4UQ	"	37,516	217	54	19	10
*UR5PG	"	25,737	194	47	14	8
*UT5UML	"	19,737	197	36	11	4
*US5E	"	13,393	100	40	13	6
						(OP:UR7EQ)
*US7IGN	"	9,295	73	25	13	17
*UR6AJ	"	2,146	25	9	8	12
*UT2EF	7	70,488	409	61	15	13
*UTØNN	"	67,915	397	56	13	16
*US5EY	"	23,808	200	49	11	4
*UR4CU	"	21,112	204	42	10	4
*UT4EK	3.5	22,368	275	39	8	1
*UT5DJ	"	7,956	127	29	5	0

OCEANIA

Australia

VK3TDX	A	1,733,160	1503	212	88	104
VK4IU	"	54,184	182	44	30	30
VK3EW	"	7,503	51	43	18	0
*VK3YR	A	314,949	430	135	68	74
*VK3FM	"	169,855	295	115	52	44
*VK4BL	"	56,791	157	87	40	6
*VK7KT	"	16,684	74	39	33	25
*VK4MN	"	3,042	27	22	15	2
*VK2CZ	"	798	13	8	8	5

Guam

NH2T	A	4,693,716	2999	260	119	162
						(OP:N2NL)

Hawaii

KH6OA	A	2,209	32	16	17	14
*KH6ZM	A	2,369,736	1706	187	97	202
*KH6GMP	"	149,814	297	60	46	68
*KH6OO	"	108,240	246	65	53	47
*KH6CJJ	"	63,042	175	37	31	65

Indonesia

YB4IR	A	577,866	770	134	80	60
*YBØPAH	A	762,281	891	136	80	91
*YBØCOU	"	33,810	119	65	36	4
*YC6EI	"	19,824	111	72	40	0
*YB9WZJ	"	19,716	84	50	33	10
*YB9VQ	"	252	9	8	4	2
*YBØJIV	21	92,856	345	54	26	26
*YB1LZ	"	10,585	81	41	21	11
*YB9YFT	"	1,449	24	16	7	0
*YC1BRS	"	1,102	22	14	9	6
*YC9YBL	"	736	17	10	10	3
*YB9WAN	"	510	18	12	5	0
*YC9WFP	"	450	10	10	8	0
*YC9WIC	"	322	10	6	6	2
*YC9WIJ	"	260	11	5	5	0
*YC9WBG	"	242	10	7	4	0
*YG9RHQ	"	210	7	6	4	0
*YG9RHT	"	210	11	4	4	2
*YG9RHS	"	8	2	1	1	0
*YBØECT	14	714	20	7	7	3
*YC9WDR	7	170	7	5	4	1

New Caledonia

*FK8DD	A	8,142	57	39	20	0

New Zealand

ZM2B	A	714,592	828	152	76	98

Philippines

DU1IVT	A	198,038	422	69	48	49
*DV1JM	A	452,904	701	120	66	40
*DV1/JO7KMB	"	24,099	98	50	30	7
*DU3/NØQM	21	46,848	279	21	18	25
*DU7RH	14	494	13	11	6	2

SOUTH AMERICA

Argentina

LW9ETQ	A	349,164	588	82	46	84
AY8A	28	532,320	1177	82	28	50
LV5V	21	485,427	1077	77	29	53
						(OP:LU5VV)
*LU7FTS	A	321,880	461	117	59	84
*LQ7E	"	145,024	301	80	46	50
						(OP:LW3DN)
*LW5ER	"	116,219	278	80	39	44
*LU7MCJ	"	56,576	162	51	39	38
*LW5EAE	28	43,472	191	45	17	26
*LU1BJW	"	18,492	102	39	15	15
*LU9EHU	"	6,732	72	29	14	8
*LU1DP	21	113,710	384	71	24	42
*LU6FHO	"	38,658	163	48	23	31
*LU2DC	14	96,237	351	59	24	28
*LU5MT	"	28,688	133	40	19	29
*L33M	"	1,344	20	9	8	7
						(OP:LU3MAM)

Bolivia

*CP1FF	A	90,045	244	70	26	49

Brazil

ZV2K	A	1,019,049	1043	199	79	115
						(OP:PY2SHF)
PP1CZ	"	352,655	561	91	50	110
PY3APY	"	124,614	275	84	40	37
PY7VI	"	78,390	254	69	29	32
PY2WC	28	81,360	263	45	22	46
*ZZ2T	A	3,044,304	2256	211	84	169
						(OP:PY2MNL)
*PY2NY	"	1,331,237	1235	154	73	146
*PU2VGS	"	290,547	577	101	46	64
*ZV2C	"	165,074	392	80	45	57
						(OP:PY2CX)
*PY7XC	"	154,284	368	97	37	38
*PY2SRL	"	75,203	197	80	43	34
*PY1ZV	"	27,398	111	33	29	41
*PP5EJ	"	15,136	64	36	29	21
*PY2RH	"	7,943	74	29	14	4
*PY2DN	28	242,172	672	59	23	44
*PU3LTA	"	3,268	33	15	12	11
*PU2TRX	21	78,012	359	61	25	46
*PY2NM	"	10,450	69	34	14	7

Chile

CE1TT	A	250,418	450	89	43	85
CE3EEA	"	54,060	127	85	46	28
CE3DNP	21	260,550	678	70	29	51
*CE4SFG	A	129,114	303	63	30	69
*CE2WZ	"	26,355	113	55	27	23
*XQ7UP	28	87,200	291	43	20	46

Colombia

HK1R	21	998,631	1909	93	34	56
HK1T	7	490,116	1063	75	28	55
*HK6RF	A	59,192	154	70	46	35
*HK3TY	21	484,056	1079	81	29	52
*HK3O	7	29,848	147	36	14	32

Curacao

PJ2/VE7SZ	28	674,544	1503	72	29	55
PJ2/VA7AM	14	412,834	1013	73	24	54

Ecuador

*HC1JQ	14	202,944	495	75	28	48

Paraguay

ZP5TNT	A	494,484	752	125	59	83
*ZP5YW	A	9,720	68	44	23	5
*ZP9MCE	28	16,768	105	25	15	24

Uruguay

*CX9AU	A	65,250	183	74	39	37

Venezuela

4M5IR	21	704,856	1580	88	31	53
						(OP:YV5KG)
YW5T	7	389,550	919	73	25	52
						(OP:YV5JBI)
*YV4GLD	A	62,100	194	37	28	50
*YV5NWG	"	117	5	5	4	0
*YV5AAX	21	240,090	546	73	26	52
*YW5RY	"	120,764	362	66	24	43
						(OP:YV5KAJ)

QRP

F5BEG	A	1,019,250	992	246	88	116
K2YG	"	843,780	861	228	79	113
MØVAA	"	684,320	811	206	72	98
F5VBT	"	663,481	1083	210	75	14
HD2A	"	349,141	491	102	52	97
						(OP:HC2AQ)
EA1GT	"	332,362	536	135	50	89
						(OP:EA1GT/QRP)
PE2K	"	331,515	539	151	56	58
OK1NG	"	330,561	551	176	65	56
HA7YS	"	316,968	491	148	59	74
OK7CM	"	302,498	430	151	64	72
W6QU	"	301,310	493	124	65	101
						(OP:W8QZA)
IZ1OMY	"	211,616	355	159	65	48
						(OP:IZ1OMY/QRP)
EA9CD	"	190,211	436	122	43	38
IZ5PNL	"	130,674	351	115	36	23
UA7G	"	126,666	312	114	51	21
WD3K	"	126,635	282	109	46	60
IZ8JFL/1	"	102,690	329	120	40	3
SNØRVG	"	93,626	282	109	42	18
						(OP:SP2UUU)
IK3HAR	"	87,840	229	75	42	43
VE6BIR/3	"	81,656	180	91	38	44
PAØAWH	"	80,008	245	81	38	27
G6CSY	"	78,624	224	92	33	31
KC7CM	"	56,922	207	56	39	64
UA3EKK	"	55,909	235	102	41	20
JK1TCV	"	39,780	126	58	35	24
OK4AS	"	38,740	153	65	40	25
AI9K	"	35,670	146	43	34	68
VE3GTC	"	34,542	121	60	28	26
DJ3GE	"	33,060	131	63	29	22
DF5WW	"	30,888	136	61	32	24
VE3HG	"	30,772	115	73	25	0
YO8SAI	"	29,555	173	85	30	0
ON2AD	"	26,316	110	44	31	27
VA3SB	"	23,594	100	46	25	23
HB9CEY	"	21,816	107	62	29	10
KK4R	"	19,000	99	44	26	25
SQ9OUD	"	16,898	184	53	18	0
RT4W	"	15,309	88	48	26	7
NØUR	"	13,860	80	40	22	22
IK3OII	"	10,800	67	42	25	8
2EØTGS	"	9,430	82	58	22	2
WA8HSB/4	"	9,216	56	35	22	7
7K1CPT	"	7,540	50	19	19	20
DDØVS	"	6,272	54	36	17	3
JA1KEB	"	6,069	41	14	13	24
DHØJAE	"	4,576	42	25	17	10
EA7/LA7VRA	"	3,496	51	28	10	0
						(OP:LA7VRA)
PE1RIK	"	3,416	45	27	18	11
F4GTD	"	3,182	43	26	11	0
EA7HOJ	"	3,180	41	32	18	3
W6AEA/7	"	2,940	44	14	15	13
KG2U	"	2,562	30	18	11	13
SQ8JMZ	"	902	25	16	6	0
IØUZF	28	178,152	476	79	32	45
S54AA	"	53,179	192	48	27	32
SQ9ORQ	"	41,515	185	40	23	32
SQ9AOR	"	33,375	168	39	27	23
JH3DMQ	"	32,453	166	39	20	24
WD9FTZ/8	"	11,966	72	36	17	9
JRØBUL	"	8,216	60	22	16	14
ON8NT	"	5,863	50	13	10	18
DF9WOY	"	2,436	33	10	10	9
KIØG	"	1,632	34	17	10	7
JM2RUV	"	1,472	22	5	6	12
N8NOC	"	760	14	14	4	1
JH7RTQ	21	127,821	340	72	29	36
OM6RK	"	101,270	365	61	24	45
SP4LVK	"	61,811	240	51	23	39
YO3DAC	"	12,480	96	31	14	19
IZ2JPN	14	96,406	363	64	24	30
YU1NR	"	57,672	350	66	23	0
LU1FM	"	18,772	98	39	22	15
EA5GTQ	"	325	10	6	4	3
HG6C	7	46,288	315	57	15	16
						(OP:HA6IAM)
E73TTT	"	34,510	246	53	11	6
IZ3NVR	"	15,834	171	44	8	6
CO6WYR	"	6,216	55	34	8	0
HA1WD	3.5	25,004	284	41	6	0
UT3N	"	11,988	202	30	6	0
						(OP:UT3NK)
SQ2OFX	"	275	13	9	2	0

ASSISTED NORTH AMERICA

United States

KI1G	A	7,026,123	3673	396	137	238
W1PL	"	731,445	1102	154	64	123
W1EL	"	630,000	718	208	72	95
AJ1E	"	517,684	652	177	66	88
N1SV	"	309,685	558	122	44	75
K1SD	"	217,565	371	136	63	66
KV1J	"	157,905	293	118	66	77
K3IU/1	"	157,320	252	145	61	24
N1KWF	"	150,280	340	98	46	77
KT1B	"	121,758	236	111	55	57
W1MAW	"	25,116	120	53	26	12
W2JU/1	"	3,193	35	23	7	1
K6ND/1	28	466,710	1229	79	30	32
KA1GEU	7	66,880	338	49	16	45
*KS1J	A	1,961,886	1577	266	86	122
*KA2KON/1	"	1,019,569	1104	222	64	103
*N1API	"	318,310	498	163	60	55
*N1QD	"	287,216	459	143	53	36
*NF1O	"	121,141	225	122	58	49
*AA1AR	"	100,688	196	110	66	56
*NE1F	"	29,646	110	58	38	26
*WA1ZYX	"	24,480	99	57	26	19
*AD1L	"	525	11	9	8	4
W2YC	A	2,368,278	1650	319	108	167
N2KI	"	2,173,392	1957	246	82	140
N2PA	"	1,673,166	1616	240	93	169
						(OP:N2KG)
N2MM	"	1,153,885	1252	229	92	124
NO2T	"	1,073,709	1198	210	82	145
NA2M	"	617,214	743	194	81	111
K2MK	"	452,828	572	180	62	74
WA2ETU	"	382,590	613	119	66	49
W2LK	"	207,036	320	149	62	32
K2CYE	"	187,695	336	136	44	35
KI2P	"	138,726	294	117	49	23
*KA2D	A	1,480,480	1134	284	99	104
*KE2D	"	394,308	510	165	74	85
*K2ONP	"	360,938	547	154	52	45
*N1IA/2	"	243,880	395	143	58	59
*KC2WUF	"	230,400	366	136	60	60
*N2AET	"	150,258	285	118	50	69
*AD2TM	"	142,885	297	105	46	54
*K2SI	"	107,217	230	102	51	56
*W2SZ	"	67,680	203	75	32	34
						(OP:W1MAT)
*WA3AFS/2	"	48,024	158	85	43	46
*N2WK	28	314,340	787	89	30	36
AA3B	A	5,357,990	3280	352	116	202
W3FV	"	2,685,279	2071	279	92	120
W3MF	"	2,138,223	1545	291	104	152
NE3H	"	1,452,611	1342	248	94	119
W3LL	"	1,247,290	987	302	107	97
NJ3I	"	1,096,800	1048	240	87	130
NA3M	"	678,540	674	242	92	96
K3WW	"	377,145	582	161	56	44
K3MD	"	211,464	433	122	39	55
N1SZ/3	"	112,194	239	113	52	42
WA3F	"	103,522	218	110	43	38
NN3RP	"	56,445	212	75	35	49
KD3TB	"	51,900	172	74	35	41
K3PH	"	352	9	9	8	5
*W3KB	A	485,106	574	193	76	78
*W4EE/3	"	374,414	512	161	68	105
*N3CHX	"	228,802	413	140	60	77
*W3FIZ	"	199,752	342	145	58	43
*KN3A	"	183,183	317	133	61	79
*W3AG	"	116,550	244	113	49	13
*N3NZ	"	66,192	214	80	35	53
*K3FH	"	43,470	138	66	43	52
*N3ME	"	3,526	31	25	16	0
*K3FS	28	42,558	204	53	19	10
K4GMH	A	5,031,980	3301	316	103	203
K3WI/4	"	2,629,611	2095	268	89	102
W4PK	"	1,815,879	1566	246	84	131
K4TD	"	1,788,972	1406	281	106	129
N4WW	"	1,361,528	1080	294	108	172
N4KG	"	737,590	743	230	87	93
K4ADR	"	481,636	669	172	64	111
K4UTE	"	438,606	493	229	81	44
KB4CP	"	380,534	482	180	81	92
ND4V	"	357,175	457	172	71	82
W3YY/4	"	352,736	526	146	55	101
K5VIP/4	"	325,335	404	187	87	71
K3KO/4	"	239,596	309	186	73	42
AJ4CG	"	228,150	396	130	57	83
KM4JA	"	129,654	252	119	56	14
NS4X	"	108,416	279	77	45	54
AF4RK	"	81,445	225	85	35	59
WB4GLI	"	75,200	263	62	49	77
W4BCG	"	68,800	172	91	54	55
AA4DD	"	38,870	132	58	34	38
W4VIC	"	28,124	113	69	19	1
KC4QYG	"	21,472	102	50	24	14
NF4L	"	18,988	76	75	25	1
WR4B	"	15,023	69	46	28	9
KB4FB	"	11,352	53	48	29	9
WS3N/4	"	4,872	33	33	23	0
K4WW	28	208,152	609	79	26	21
WJ2D/4	7	207,123	764	70	23	54
*AB4SF	A	892,074	804	251	98	122
*WA4PGM	"	316,410	442	168	59	91
*KN4QD	"	270,729	397	151	61	59
*KS4S	"	255,252	467	134	48	85
*KB4KBS	"	200,096	344	157	64	75
*N4MTT	"	197,860	358	130	54	76
*AK4QU	"	133,332	256	120	61	65
*K4MIL	"	133,042	261	125	45	51
*KK4EIR	"	102,704	232	109	44	43
*N4UEZ	"	64,616	170	88	43	33
*N4ART	"	51,590	162	74	37	43
*KC4H	"	44,688	153	66	24	24
*N2QT/4	"	40,905	115	93	34	8
*KM4RK	"	36,096	114	63	45	33
*W4PJW	"	35,772	116	62	37	33
*N4DW	"	29,812	101	58	36	22
*K4TOJ	"	24,416	100	59	29	21
*NT4TS	"	24,150	116	67	31	17
*KD8IGK/4	"	16,728	89	43	32	27
*WB4OMM	"	11,232	83	34	18	26
*KO4OL	"	6,650	59	28	26	16
*N1HO/4	"	2,120	23	18	13	9
*W6HGF/4	28	63,345	251	64	23	16
*N3UA/4	"	50,600	202	57	22	13
*K4MM	21	36,865	162	52	18	31
*W4LC	14	145,424	445	74	26	49

WA5ZUP	A	2,447,484	2214	237	94	210
WØVX/5	"	737,180	768	211	83	116
N5TY	"	473,088	545	203	84	97
K5CI	"	74,872	153	114	55	22
W2GS/5	"	23,400	107	55	20	0
W5KI	"	5,824	48	27	19	10
KK5OQ	28	354,042	980	77	31	45
AA5AU	21	438,480	1113	95	33	52
NM5Z	"	60,162	303	51	22	38
NK5G	"	41,160	213	49	20	36
***WB5AAA**	A	203,049	353	122	58	51
*K5WW	"	61,740	191	61	46	73
*AE5MM	"	32,724	127	53	28	27
*W4JHC/5	"	12,089	70	38	20	19
***K2FF/5**	7	62,608	333	44	13	47
W6OAT	A	1,034,208	987	238	100	166
N6QQ	"	595,960	611	232	102	136
N6HE	"	391,956	629	122	80	154
K6TA	"	380,804	509	159	80	93
N6ML	"	345,306	577	132	65	50
						(OP:@K6LRG)
N2NS/6	"	313,617	431	144	76	101
K9YC/6	"	225,017	459	76	60	111
NK6A	"	156,560	345	89	56	61
K5OA/6	"	91,080	246	79	53	75
K2RD/6	"	57,702	135	92	59	26
K6KAL	"	43,516	141	59	46	67
AF6WF	"	17,480	96	35	32	48
K6MSM	"	12,136	69	34	23	25
K6ELE	"	4,992	44	31	17	0
N6RO	28	376,200	1009	88	31	52
W6WRT	21	217,310	638	73	29	53
***WS6X**	A	207,009	321	135	77	85
*N6VH	"	172,920	334	94	67	101
*KE6SHL	"	86,708	239	65	58	89
***W6RKC**	7	3,362	47	13	10	18
WK7S	A	2,395,140	1895	255	108	207
						(OP:K6LL)
K7RL	"	1,213,464	1226	191	82	161
KY7M	"	937,992	930	215	99	142
W7PP	"	736,176	875	177	75	140
W9NGA/7	"	583,451	778	168	71	80
KI7Y	"	172,040	362	86	62	105
N3RC/7	"	136,656	350	72	42	94
NR6M/7	"	115,500	293	93	49	68
W7YES	"	76,242	223	59	45	27
AC7GP	"	70,684	231	59	42	63
WV7P	"	64,800	260	64	38	58
W7TSQ	"	61,633	194	64	43	36
W6SA/7	"	52,404	138	84	48	0
NA2U/7	"	43,320	162	51	30	39
NG7M	"	33,670	141	45	37	48
WT9S/7	"	18,060	99	32	26	28
W7VS	"	1,711	20	20	9	0
WA7LNW	28	227,285	855	62	26	43
NK7Z	"	2,871	43	8	8	17
K7OX	21	280,872	780	89	32	45
N7AT	7	163,800	700	61	27	52
						(OP:K8IA)
W6RLL/7	"	23,925	172	32	15	40
***K7VIT**	A	232,954	471	98	66	105
*W7SLS	"	40,092	159	49	42	65
*AF7S	"	35,424	131	55	49	60
*K7EIQ	"	26,145	119	44	25	14
*K7TYF	"	14,904	83	39	31	22
*K7HPT	"	13,775	87	27	28	40
*N7TEW	"	12,096	76	44	36	28
*WR7Q	"	9,875	72	36	24	19
***K7XC**	21	172,142	477	84	33	49
***N6MA/7**	7	58,600	362	38	18	44
*W2AJW/7	"	2,480	45	8	7	25
KU1T/8	A	2,398,110	2038	244	79	150
N8BJQ	"	1,925,984	1437	286	104	166
K8UT	"	777,616	888	190	75	106
K1LT/8	"	643,663	754	190	85	86
K8MM	"	424,683	610	153	63	105
W8KEN	"	125,172	250	100	59	69
W8JWN	"	90,870	197	125	66	42
K8TJM	"	11,218	65	31	25	23
***N8RF**	A	612,300	686	213	85	92
*K8AJS	"	102,675	216	104	49	32
*K8GT	"	88,320	188	109	54	29
*W8WEJ	"	84,942	205	105	55	38
*KT8TD	"	74,426	235	95	52	52
N2BJ/9	A	1,650,040	1421	267	97	133
W9MU	"	1,597,813	1310	272	96	125
K9NR	"	1,527,531	1413	240	89	150
KE9ET	"	426,927	504	202	80	21
N9OK	"	337,680	536	168	71	96
N9FN	"	252,859	363	155	74	64
W9II	"	41,138	113	79	39	16
W9SE	"	32,643	237	56	20	17
K9DUR	"	21,600	97	54	21	15
K3WA/9	"	7,370	75	22	13	20
***K9OR**	A	211,031	318	167	62	52
*KC9IRQ	"	66,990	156	97	45	23
*N9ISN	"	48,246	126	92	36	1
***AB1J/9**	21	273,182	697	88	31	39
KØKX	A	2,078,624	1447	300	110	134
NØAT	"	1,827,048	1469	285	105	176
KØRC	"	1,407,294	1119	289	110	168
NØKE	"	1,084,549	1101	214	103	170
NØBK	"	919,800	865	241	89	120
KSØAA	"	629,208	1017	132	62	130
KØHB	"	578,608	747	165	68	111
WAØJZK	"	415,712	500	170	81	101
WØERP	"	358,074	469	174	77	98
WØHBH	"	325,584	395	186	78	59
K4IU/Ø	"	295,320	418	162	67	92
WØRX	"	189,432	337	114	60	42
KØBX	"	167,631	298	132	50	31
KØYR	"	127,136	311	93	60	79
KØVVX	"	123,840	330	98	48	94
KØTZ	"	68,808	182	79	47	57
KØJUH	"	25,380	113	60	23	7
NSØM	21	20,345	113	47	15	3
***KCØBMF**	A	997,045	939	235	96	136
*AD1C/Ø	"	708,948	757	200	87	136
*NØHJZ	"	706,442	815	192	71	131
*NXØI	"	466,900	712	164	68	118
*WØRAA	"	196,602	498	96	50	71
*KØMPH	"	180,700	375	117	57	104
*WØTUP	"	159,192	407	86	40	90
*WBØQLU	"	59,878	176	78	42	62
*WØZF	"	52,003	185	61	46	54
*KDØCVO	"	38,556	158	61	36	56
*WØRK	"	34,450	100	74	39	17
*WØGLB	"	21,321	110	48	27	28
*KCØNFB	"	19,367	81	48	35	24
***KCØDEB**	28	123,046	417	71	25	23
*KFØIQ	"	17,095	91	43	19	3

Alaska

AL9A	A	1,071,106	1178	159	87	151

Canada

VA2AM	A	3,271,750	2243	308	103	158
VE2FXL	"	2,373,030	1794	261	88	161
VE2FK	"	1,395,128	1345	201	62	129
VE2SG	"	973,180	994	190	66	138
VE2EZD	"	599,313	652	185	64	114
***VA2UP**	A	5,063,832	3091	319	109	208
*VE2EBK	"	912,070	822	240	83	123
*VE2NMB	"	6,669	59	22	15	20
VE3EP	A	19,838	85	51	27	13
***VE3XAT**	A	498,316	552	207	67	90
*VE3IAE	"	278,317	406	150	55	66
*VE3CV	"	217,080	321	140	68	60
***VE3MGY**	7	7,525	99	4	5	34
VE4EAR	A	75,036	167	91	48	30
VE5MX	A	2,184,760	1664	240	107	219
VE6CMV	A	151,044	276	100	65	81
VE6WQ	21	792,728	1587	106	36	55
***VA7RY**	A	681,450	777	149	76	129

Mexico

XE1EE	28	233,618	628	77	26	51
***XE2FGC**	A	1,083,730	1276	134	64	172

Puerto Rico

KP4JFR	A	142,854	350	98	34	42
KP4JRS	14	12,906	102	17	9	28
***NP3IR**	A	24,062	103	43	27	36
***NP3YL**	28	1,272	22	14	6	4

US Virgin Islands

***KP2DX**	21	105,328	411	47	21	48
						(OP:KP2BH)

AFRICA

Canary Islands

EA8CNB	A	2,627,472	1828	257	91	168
EA8/RW3DO	"	355,100	485	126	54	88
***EA8CNR**	A	45,453	158	65	30	14
***EE8O**	28	223,651	548	72	25	42
						(OP:EA8CQW)

Madeira Islands

CT3EE	21	947,984	1914	94	31	54
CT3EN	7	479,520	1301	81	24	55

ASIA

Asiatic Russia

RG9A	A	6,268,784	3550	391	125	130
R9DX	"	5,609,709	3414	359	124	120
UA9MA	"	2,406,880	1801	300	97	93
RG8K	"	160,344	407	95	44	14
UA9YE	"	86,268	174	100	48	34
R9SA	"	70,612	175	83	43	13
R8TX	28	150,675	527	65	25	15
RA9SGV	21	254,092	747	75	29	35
R9OSN	"	164,733	473	77	26	26
RA9DF	14	867,996	1706	99	34	55
RK9AX	7	15,312	139	34	10	0
***RW9C**	A	1,880,334	1408	285	100	92
*RU9AZ	"	804,794	892	229	85	35
*UA9AL	"	642,640	878	203	63	11
*RA9MX	"	309,701	392	200	70	23
*RK9UE	"	274,350	564	125	42	10
*UA9AX	"	136,306	247	108	61	42
*RM9RZ	"	103,037	193	131	56	22
***R9UAG**	28	8,172	83	27	9	0
UAØAGI	A	1,276,704	1178	222	97	97
RTØQ	"	968,440	1194	209	76	70
RAØACM	"	827,196	886	199	81	68
RUØLL	"	109,143	228	96	56	29
RAØFF	28	75,854	285	29	24	44
UCØA	21	387,156	919	82	26	46
***RUØAT**	A	27,930	100	51	30	17
*RDØCD	"	23,408	118	58	25	5
*UAØZC	"	10,005	51	42	27	0
*RAØANO	"	4,944	35	22	15	11

China

BD1BYV	A	243,595	433	110	54	51
***BG8GAM**	A	1,375	20	15	10	0

India

***VU2ABS**	A	48,708	145	90	39	3
***VU2UR**	21	19,227	100	55	23	9

Japan

JM1XCW	A	757,680	839	149	72	107
JO1WKO	"	673,620	771	163	70	76
JA1IZZ	"	393,408	494	147	76	65
JA1XUY	"	55,752	146	71	48	19
JR1UMO	"	11,270	62	39	19	12
JA1BPA	28	413,116	884	83	32	49
JG1AVO	"	7,714	72	25	12	1
JH1DBM	21	19,783	99	39	19	15
***7K4QOK**	A	815,360	808	190	83	91
*7N2UQC	"	530,100	629	156	78	76
*JA1BJI	"	429,807	567	155	73	63
*JH1DGQ	"	331,110	410	134	76	73
*JA1SKE	"	80,190	177	79	50	36
***7L4IOU**	28	122,682	377	63	27	37
*JM1NKT	"	95,220	300	59	24	32
*JA1XRH	"	28,269	125	33	19	29
***JS1IFK**	21	24,696	139	50	13	0
JA2FSM	A	783,200	859	174	84	98
JA2VHO	"	683,164	747	173	83	100
JH2FXK	"	11,470	63	34	26	14
JJ2VLY	"	9,996	51	27	24	17
JF2IWL	7	2,340	40	14	13	3
***JA2VHG**	A	15,428	74	47	20	9
JS3CTQ	A	3,262,430	2175	269	111	155
JH3EQP	"	55,328	145	68	38	27
JN3SAC	21	56,490	194	57	23	25
JH3WKE	7	4,522	47	17	13	8
***JG3FEA**	A	707,916	742	184	79	83
*JO3PSJ	"	48,120	158	68	43	9
*JF3NKA	"	20,910	88	35	24	26
JO4CFV	A	453,604	568	160	77	65
JA4OPW	21	46,300	168	53	25	22
JM4WUZ	"	17,435	124	40	15	0
***JR4DHK**	A	67,116	199	64	45	32
JA6BZI	A	1,073,605	933	236	94	85
***JA1IST/6**	A	203,175	339	125	60	40
*JA6GXP	"	54,470	163	75	38	17
*JA6DIJ	"	23,352	100	47	27	10
JA7ZP	A	209,933	340	116	64	53
JE7JDL	21	172,638	463	72	29	38
JH8CXW	28	18,084	96	32	18	16
***JG8IBY**	28	11,792	79	36	19	12
***JAØVTK**	A	179,564	313	107	61	44

Kazakhstan

UN7LZ	A	1,020,527	1071	239	84	24
UN6QC	21	202,500	642	73	26	26
***UN9PQ**	A	102,817	294	99	38	6
*UN9LU	"	20,320	106	57	23	0

Republic of Korea

DS5DNO	A	49,982	139	60	45	29
***HL5YI**	A	29,639	107	48	40	19

Saudi Arabia

***HZ1PS**	A	567,273	848	118	37	72

EUROPE

Aland Islands

OGØZ	28	304,876	742	89	33	42
						(OP:OH3BHL)
OHØZ	21	506,025	1234	87	31	55
						(OP:OH9MM)
OHØI	14	635,888	1484	90	32	54
						(OP:OH8KVY)

Austria

OE6MDF	A	2,499,597	1958	298	100	151
OE9MDV	"	146,583	347	87	45	51
***OE2E**	A	1,593,404	1466	226	82	159
						(OP:OE2GEN)
*OE2LCM	"	194,880	355	117	60	47
*OE1TKW	"	6,174	48	35	18	10

Belarus

***EW2AO**	A	53,768	162	79	40	24

Belgium

ON4TO	A	947,100	927	214	84	122
ON4ALY	"	491,712	707	161	69	82
OSØS	"	148,932	298	77	43	77
OQ5A	28	151,688	432	60	26	48
						(OP:ON4IG)
ON5KQ	7	343,445	1028	77	25	47
***OP7B**	A	540,969	766	127	55	109
						(OP:ON7BJ)
*ON4CAS	"	536,405	601	181	76	98
*ON7BT	"	29,988	112	63	38	18

Bosnia-Herzegovina

***E7/YT3H**	21	403,047	961	85	30	56
						(OP:YT3H)

Bulgaria

LZ8E	A	1,637,370	1392	257	97	129
						(OP:LZ2BE)
LZ6K	"	776,246	830	174	73	139
						(OP:LZ2PL)
LZ4AE	7	22,420	187	46	10	3
***LZ2STO**	A	310,758	432	152	60	82
*LZ1QV	"	10,863	59	36	25	10
***LZ9R**	7	185,600	737	68	19	29
						(OP:LZ3YY)

Crete

SV9COL	21	39,072	182	44	17	35
***SV9/DJ9XB**	A	822,375	981	226	78	83
						(OP:DJ9XB)

Croatia

9A5BWW	21	555,555	1204	93	34	58
***9A6KZH**	21	27,193	171	36	16	19

Czech Republic

OK2PF	A	363,916	577	189	66	62
***OK1AY**	A	225,544	455	144	60	38
*OL7O	"	73,941	233	90	37	20
						(OP:OK1FIK)
*OK2CMW	"	38,850	165	75	28	8
*OK2IT	"	4,242	42	24	18	0
***OK3C**	21	221,776	524	83	34	50
						(OP:OK2ZC)

Denmark

OZ1FAO	A	422,994	511	153	63	103
5Q2J	"	168,210	370	91	46	52
OZ1AXG	"	125,840	240	93	53	62
***OZ7HB**	A	141,372	319	105	47	46

England

GØGFQ	A	221,990	332	140	64	77
G6NHU	21	68,052	259	43	22	41
MØUNI	14	84,640	321	63	24	28
GØRPM	3.5	3,686	58	32	6	0
***MØCFW**	A	730,710	924	184	68	93
						(OP:JK3GAD)
*GØUGO	"	561,906	714	190	64	88

Estonia

ES2BH	A	115,600	285	118	45	37

European Russia

UA4M	A	4,055,310	3049	349	120	146
RW4W	"	2,332,230	2118	312	101	97
RW3LB	"	596,336	708	222	82	72
RX3AEX	"	305,124	495	176	62	44
RZ6AUN	"	237,049	522	147	47	29
R5AJ	"	217,365	438	121	51	43
RX1CQ	"	194,389	324	125	70	52
RA3FD	"	109,416	260	118	49	27
RA3YC	"	94,520	324	71	37	31
RA3ICK	"	18,396	102	58	20	6
R3AT	"	15,385	66	36	31	18
R3PW	28	175,263	481	74	31	36
UA3SAQ	"	124,984	363	78	32	26
RA4S	21	443,520	1182	85	31	49
RW4WZ	14	168,740	619	74	28	28
R3VA	7	50,706	316	58	14	9
***UA4ALI**	A	842,120	1081	223	80	67
*R5ACQ	"	447,534	719	174	73	35
*RA9FRD	"	446,653	692	213	75	29
*RO1B	"	385,398	490	217	85	64
*R2AT	"	375,136	514	177	74	53
*UA6GF	"	268,128	559	140	52	36
*RX3VF	"	215,489	488	163	49	17
*RA3C	"	176,175	320	164	65	32
*RM5D	"	173,152	350	138	60	26
*RV4HL	"	171,534	368	142	53	31
*R3BT	"	170,544	267	166	74	32
*RL3ZA	"	167,280	397	145	45	14
*R3RR	"	142,623	303	115	55	37
*RX3MX	"	45,339	160	78	29	20
*RQ3M	"	36,800	160	49	22	21
*R3QX	"	24,360	124	60	27	0
*RV6HEO	"	4,590	32	21	20	10
***RA3QH**	28	43,710	200	50	23	20
*UA9FDN	"	28,405	210	41	16	8
*RM5P	"	22,160	108	37	26	17
***R2SA**	21	64,470	272	61	21	23
*UA6LJB	"	32,640	149	63	23	16
***RL6MA**	7	13,671	155	41	8	0

European Turkey

TA1DX	A	37,024	173	54	26	24
***TA1EE**	14	65,965	452	46	18	15

Fed. Rep. of Germany

DD2ML	A	2,347,860	1827	280	98	167
DJ8OG	"	2,172,718	1467	332	126	176
DL1QW	"	1,964,190	1455	304	105	153
DD1JN	"	1,632,292	1243	274	107	157
DF9GR	"	1,467,984	1267	282	99	133
DJ3NG	"	1,444,030	1290	267	92	131
DL5JS	"	1,357,440	1204	256	92	132
DL7VEE	"	1,241,856	950	257	107	164
DHØGHU	"	1,216,716	1040	268	103	121
DK6CQ	"	1,150,080	1000	273	92	115
DL5AXX	"	1,049,724	845	247	97	124
DL8ZAW	"	1,010,595	914	229	89	127
DK5MB	"	985,320	877	242	97	121
DL6NDW	"	965,712	921	275	97	100
DM6DX	"	717,195	862	165	68	116
DK1KC	"	628,992	712	206	75	97
DL6EZ	"	616,572	773	189	65	92
DL6DCD	"	536,346	630	194	75	90
DJ1TU	"	484,764	598	200	72	76
DL8SCG	"	445,740	539	149	80	116
DK1FW	"	436,192	511	187	70	87
DC3HB	"	406,260	494	172	79	82
DL1STG	"	292,006	404	147	72	67
DL1YM	"	289,416	431	121	54	73
DK5IR	"	283,282	456	154	66	58
DL5YM	"	279,450	495	134	58	78
DJ6OZ	"	248,976	408	147	60	66
DL6NCY	"	189,914	356	164	69	36
DF5LR	"	187,369	413	110	47	46
DL2FK	"	155,078	304	115	49	45
DF2QZ	"	134,196	294	127	49	35
DF2RG	"	128,982	225	113	58	51
DK2AT	"	122,952	288	125	50	43
DL2RTL	"	117,798	261	77	43	54
DG9MDM	"	108,605	210	98	64	41
DK4WO	"	105,248	236	83	51	50
DL1NEO	"	103,014	215	111	44	39
DL9NDV	"	62,699	156	87	48	34
DL7CX	"	51,606	168	65	31	45
DH1TST	"	43,230	173	56	28	26
DJ1AA	"	28,100	111	49	31	20
DJ4AK	"	26,051	145	57	35	17
DL7URH	"	9,317	44	39	31	7
DLØUM	"	1,443	23	15	14	8
						(OP:DL7FER)
DF9ZP	28	544,128	1158	101	36	55
DL1LH	"	254,675	604	86	33	48
DO4DXA	"	62,814	208	52	27	35
DL4RCK	21	310,554	747	79	28	55
DM7C	7	28,575	170	35	14	26
						(OP:DL6CX)
DL9GTB	"	27,492	167	58	14	7
DL2SAX	3.5	29,100	326	41	8	1
DC3RJ	"	20,064	264	39	7	2
***DL9YAJ**	A	1,410,162	1149	303	108	126
*DJ3JD	"	426,195	602	180	71	64
*DL5ARM	"	424,728	661	180	59	67
*DJ9MH	"	405,620	514	187	79	74
*DK5OS	"	306,058	421	106	50	118
						(OP:@DLØGK)
*DL5GAC	"	302,304	433	122	54	92
*DK4VY	"	242,840	419	145	58	57
*DK2ØKTL	"	195,075	439	128	51	46
						(OP:DJ2AX)
*DF1HF	"	189,738	357	142	58	49
*DL5YL	"	186,030	411	143	53	38
*DM4YWL	"	169,002	338	136	59	34
*DL8ZAJ	"	134,890	308	121	46	38
*DL4MFF	"	124,416	288	105	50	37
*DH1JG	"	93,412	201	95	53	45
*DO3PKE	"	48,824	166	68	36	32
*DO3ME	"	47,614	158	59	33	41
*DL1DBR	"	45,694	149	74	41	19
*DJ7XB	"	44,732	158	37	31	38
*DH9GCD	"	36,720	147	74	27	19
*DL3FCG	"	31,270	99	50	31	37
*DF6YC	"	19,436	97	48	28	10
*DM5WH	"	15,844	151	55	13	0
*DL5WS	"	12,525	74	43	23	9
*DL5HF	"	10,570	74	47	17	6
*DL2MDZ	"	6,486	57	15	9	22
*DL9ECA	"	1,392	23	21	8	0
***DF2AJ**	28	18,023	99	23	17	27
***DL1NX**	21	18,800	99	41	16	23
*DL9GWA	"	15,004	117	34	15	13
***DM3F**	14	840	18	15	8	1
						(OP:DH5FS)
***DJ8ES**	3.5	16,112	166	41	9	3
*DL1A	"	4,760	77	26	6	2
						(OP:DO4DXA)

Finland

OH4A	A	1,430,030	1586	219	87	128
						(OP:OH4KA)
OG6N	"	827,631	773	266	91	96
OH6MW	"	348,969	567	142	62	63
OH8KVA	"	274,560	544	151	59	30
OH2XX	"	145,851	332	88	43	52
OH6DX	"	109,725	205	125	48	36
OH5KW	"	29,900	117	72	37	6
OH6R	7	268,270	919	76	25	38
						(OP:OH3FM)
***OH2CI**	A	371,607	592	177	65	49
*OH2LNH	"	316,608	520	164	58	50

*OH7WW	"	284,620	464	162	60	44
*OF3I	"	18,144	104	56	20	8
					(OP:OH6HZH)	

France

F5CQ	**A**	**561,295**	**545**	**193**	**80**	**122**
F4EUN	"	314,796	661	140	55	27
F5PHW	"	251,226	307	145	72	89
F5TLF	"	235,341	404	135	60	42
F8DBF	**28**	**453,288**	**911**	**98**	**35**	**54**
F6DSV	"	86,463	295	54	28	35
F4DXW	**21**	**811,502**	**1613**	**101**	**36**	**57**
***F8CRS**	**A**	**511,632**	**546**	**187**	**78**	**109**
*TM5FFT	"	154,308	288	124	49	58
					(OP:F4FHZ)	
*F4EFL	"	33,858	142	78	36	0
*F5IHP	"	24,038	117	62	25	14
***F5DRD**	**28**	**2,232**	**28**	**7**	**8**	**16**
***F4FDA**	**21**	**147,882**	**404**	**69**	**25**	**53**
*F1EBN	"	125,832	321	73	28	46

Greece

SV1JGX	**A**	**405,447**	**619**	**164**	**66**	**71**
SV1DPI	"	51,800	133	62	41	45
SV1DPP	**28**	**104,531**	**398**	**45**	**21**	**43**
***SV1HKD**	**A**	**95,940**	**215**	**117**	**50**	**28**
***SV1XV**	**3.5**	**1,825**	**36**	**20**	**5**	**0**

Hungary

HA8IE	**A**	**1,725,507**	**1403**	**306**	**110**	**133**
HA1TNX	"	1,562,880	1458	268	93	119
HA9PP	"	93,898	306	65	38	30
HAØHW	"	13,182	87	52	21	5
HA8QZ	**14**	**397,824**	**1154**	**89**	**30**	**49**
***HA5BSW**	**A**	**937,365**	**902**	**240**	**96**	**101**
*HAØML	"	372,204	546	158	69	67
***HAØNAR**	**21**	**178,029**	**475**	**74**	**29**	**48**

Ireland

EI2GLB	**A**	**2,105,950**	**1561**	**286**	**97**	**167**
EI3GRB	**21**	**107,300**	**395**	**50**	**21**	**45**
EI7KD	**7**	**395,222**	**1270**	**74**	**24**	**48**

Italy

IK4MGP	**A**	**4,720,347**	**2740**	**346**	**128**	**225**
IZ6TSA	"	2,329,340	1607	323	122	175
I2DJX	"	456,181	514	205	82	80
IKØFMB	"	411,749	843	160	64	23
IK5FKF	"	349,651	495	183	75	59
IZ1JLN	"	311,370	441	191	71	59
IK8MYM	"	295,274	391	189	77	56
IK2TDM	"	182,900	341	104	55	77
IK2LOL	"	137,764	293	96	45	61
IZ2ODM	"	75,978	206	79	44	39
IK3SCB	"	46,410	242	59	27	5
I2SVA	"	37,056	142	24	18	54
IK2GZU	"	20,651	77	55	41	11
IK3VUU	"	19,740	165	40	17	3
IZ3KSO	"	924	19	12	8	2
IZ4GWE	**28**	**308,238**	**664**	**92**	**34**	**53**
IZ3GOM	"	232,650	585	73	32	45
IKØYVV	"	193,914	569	57	24	52
IV3JCC	"	179,200	412	76	33	51
IZ8DVD	"	152,720	380	88	33	45
IZ2DII	"	43,362	167	41	23	35
I7CSB	"	6,996	49	21	20	12
IV3TMV	**21**	**585,298**	**1214**	**101**	**37**	**56**
IZ8BGY	"	115,544	364	77	27	39
IZØPSC	**14**	**59,400**	**236**	**56**	**24**	**28**
IZ2GNQ	**7**	**75,932**	**490**	**54**	**12**	**16**
***IK3XJP**	**A**	**552,900**	**617**	**208**	**81**	**91**
*IZØEHL	"	339,768	500	185	70	57
*IK1SOW	"	326,720	451	189	74	57
*IK8UND	"	250,920	436	131	50	65
*I2WIJ	"	228,726	377	141	57	64
*IK2SGL	"	83,569	205	101	45	47
*IN3FHE	"	64,782	148	103	44	36
*I2ORX	"	57,152	169	98	35	19
*IK3QAR	"	48,514	189	77	31	19
*IZ2UQF	"	16,650	80	44	29	17
*I4EWH	"	15,908	87	53	28	1
*IZØGYP	"	6,811	47	15	15	19
*IW3SAR	"	3,952	38	22	15	15
*IW3GXW	"	3,196	36	16	18	0
*IK2WPO	"	627	12	11	8	0
***IC8TEM**	**28**	**29,665**	**142**	**33**	**19**	**33**
*IK1NEG	"	22,080	107	30	23	27
*IK2GWH	"	17,420	102	25	19	23
***IN3QBR**	**7**	**187,980**	**678**	**67**	**22**	**41**
***IKØXBX**	**3.5**	**19,552**	**198**	**43**	**8**	**1**

Latvia

YL9T	**A**	**2,575,084**	**2030**	**331**	**110**	**121**
					(OP:YL2TW)	
YL5T	**28**	**56,286**	**199**	**54**	**25**	**27**
					(OP:YL3DQ)	
***YL2KO**	**A**	**13,365**	**70**	**38**	**28**	**15**
***YL3AGV**	**28**	**966**	**19**	**7**	**8**	**6**

Lithuania

LY1R	**A**	**2,043,300**	**1584**	**272**	**105**	**148**
LY5W	"	677,115	880	230	71	66
***LY2SA**	**A**	**574,980**	**713**	**233**	**85**	**52**
*LY2CV	"	30,634	181	63	30	13

Luxembourg

LX1NO	**A**	**712,803**	**807**	**198**	**78**	**97**

Macedonia

Z39A	**21**	**545,928**	**1217**	**96**	**35**	**53**
***Z32ID**	**21**	**81**	**4**	**4**	**4**	**1**

Moldova

ER4A	**A**	**4,476,836**	**3051**	**331**	**120**	**186**
					(OP:UT5UDX)	
***ER3DX**	**A**	**411,424**	**470**	**185**	**79**	**80**

Netherlands

PI4CG	**A**	**2,745,681**	**2342**	**268**	**102**	**167**
					(OP:PA3S)	
PA7LV	"	1,911,689	1712	234	85	160
PA1T	"	24,732	99	46	29	33
PI4COM	**28**	**10,250**	**96**	**32**	**17**	**1**
					(OP:PA1AW)	
PA5O	"	7,844	50	24	20	9
PA3BWD	**21**	**160,245**	**553**	**62**	**24**	**49**
PAØVHA	"	41,496	197	46	21	24
PA3EWP	**14**	**83,889**	**311**	**61**	**25**	**31**
***PD7BZ**	**A**	**348,749**	**583**	**141**	**52**	**64**
*PA3ACA	"	324,520	492	138	61	81
*PA4LA	"	307,338	430	137	62	84
*PD5T	"	273,460	543	117	46	63
*PA8KW	"	252,144	408	150	60	62
*PE1FTV	"	219,681	401	129	54	48
*PA2CVD	"	161,490	358	110	46	54
*PAØO	"	147,630	293	95	66	49
*PD3EM	"	123,888	298	102	43	33
*PA3EVY	"	123,132	289	79	50	57
*PE1CPJ	"	116,116	341	107	43	32
*PD7RB	"	109,810	255	70	44	44
*PA1M	"	64,512	154	76	39	53
*PI4ETL	"	55,937	204	76	31	24
					(OP:PI4ETL/P)	
*PA2A	"	55,499	222	87	30	10
*PE4BAS	"	55,279	154	71	43	35
*PA3HGF	"	52,150	156	76	39	34
*PG5V	"	33,712	178	48	19	19
*PA3GCU	"	22,400	89	44	29	27
*PDØME	"	20,646	111	38	22	14

Northern Ireland

GI4DOH	**A**	**16,744**	**86**	**48**	**28**	**15**
GI6K	**21**	**602,650**	**1406**	**84**	**29**	**57**
***GI4SJQ**	**A**	**378,200**	**505**	**139**	**64**	**102**

Norway

LN5O	**A**	**3,554,938**	**2367**	**360**	**121**	**165**
					(OP:LA6FJA)	
LA9TJA	"	607,608	798	194	71	83
***LA5LJA**	**A**	**1,102,418**	**1113**	**256**	**87**	**90**
*LA9TY	"	452,488	545	201	82	64
*LA9RY	"	23,751	121	72	29	16
***LA7IJA**	**28**	**2,414**	**29**	**14**	**12**	**8**

Poland

SN4F	**A**	**163,374**	**316**	**121**	**56**	**42**
SP2DKI	"	102,336	237	113	45	34
SP7IIT	"	16,856	60	48	39	11
SQ6NSG	"	1,768	31	19	6	1
3Z2X	**21**	**617,892**	**1254**	**97**	**34**	**55**
					(OP:SP2DWG)	
SP5GRM	"	528,545	1137	93	35	57
SQ8GHY	**7**	**208,278**	**798**	**69**	**23**	**34**
***SP6JZP**	**A**	**366,358**	**533**	**178**	**69**	**64**
*SP7LIE	"	254,709	410	151	63	59
*SP9H	"	242,740	377	128	55	82
*3Z8T	"	121,325	269	112	56	43
					(OP:SQ8JX)	
*SP5OXJ	"	16,192	84	59	28	5
*SQ8LSB	"	11,288	76	20	19	29
*SP6MQO	"	3,212	30	19	15	10
*SQ2NIJ	"	1,024	24	18	10	4
***SP6GCU**	**28**	**198,468**	**507**	**73**	**34**	**41**
*SQ1K	"	141,120	363	70	32	42
*SP6IHE	"	20,440	106	27	20	23
***SP1NY**	**21**	**127,528**	**323**	**74**	**29**	**49**
***SP1MHZ**	**14**	**70,801**	**329**	**61**	**21**	**19**
***SQ1RMM**	**3.5**	**684**	**21**	**15**	**4**	**0**

Portugal

CT2IOV	**A**	**343,200**	**783**	**158**	**53**	**29**
***CT1FOQ**	**A**	**54,832**	**147**	**81**	**41**	**27**
*CT1BXT	"	8,308	53	37	20	10

Romania

YO2DFA	**A**	**179,816**	**312**	**161**	**63**	**23**
YO2RR	**21**	**261,340**	**727**	**73**	**26**	**47**
***YO2LXW**	**A**	**130,339**	**341**	**134**	**53**	**0**
***YO2IS**	**28**	**107,133**	**330**	**55**	**25**	**43**
*YO5OEF	"	42,873	192	39	22	32
*YO4BTB	"	10,830	68	29	15	13

Sardinia

***ISØBZR**	**A**	**197,165**	**340**	**129**	**48**	**58**

Scotland

MMØAMW	**A**	**1,272,025**	**1158**	**195**	**79**	**151**
GM3W	**21**	**647,075**	**1392**	**91**	**32**	**58**
					(OP:GM3SEK)	
***MMØEAX**	**A**	**302,499**	**512**	**154**	**57**	**50**

Serbia

YT2U	**A**	**1,244,166**	**1193**	**259**	**87**	**116**
YU1LM	"	259,182	519	148	56	38
YT7AW	"	74,235	200	68	42	37
YTØA	**7**	**248,192**	**880**	**65**	**19**	**44**
					(OP:YT2AAA)	
***YUØNS**	**28**	**55,220**	**199**	**54**	**24**	**32**
					(OP:YT2CQ)	

Sicily

***IT9ESW**	**A**	**57,240**	**217**	**88**	**32**	**15**
***IT9SFT**	**7**	**1,652**	**25**	**11**	**6**	**11**

Slovak Republic

OM5ZW	**A**	**3,273,945**	**2127**	**331**	**116**	**182**
OM7KW	"	936,450	900	238	90	122
OM6W	"	848,000	1000	216	81	103
OM5M	"	474,150	644	126	57	107
					(OP:OM4DW)	
OM2VL	"	111,600	288	98	57	31
OM3TPN	"	41,418	139	57	38	22
OMØA	**21**	**30,340**	**168**	**47**	**22**	**13**
					(OP:OMØAAO)	
***OMØDX**	**A**	**271,216**	**496**	**154**	**61**	**38**
***OM4O**	**14**	**122,988**	**526**	**64**	**21**	**26**
					(OP:OM3NI)	

Slovenia

S57AL	**A**	**2,494,624**	**1723**	**317**	**116**	**175**
S57DX	"	1,450,085	1290	200	82	173
S58Q	"	197,165	422	168	67	0
S53M	**14**	**387,315**	**940**	**89**	**33**	**49**
					(OP:S51FB)	
***S57S**	**28**	**53,300**	**201**	**45**	**25**	**30**
***S57LR**	**14**	**23,634**	**138**	**44**	**18**	**16**

Spain

ED3A	**A**	**1,294,224**	**1217**	**244**	**95**	**118**
EA5FIV	"	87,164	239	91	36	27
EC5JC	"	49,248	251	80	28	0
					(OP:EC6JC)	
EA1WX	"	17,661	76	35	28	24
EA3CEC	"	96	5	5	3	0
EA1KY	**28**	**439,824**	**956**	**90**	**35**	**51**
EA1ACP	"	306,900	713	79	35	51
EA7ZY	"	258,957	764	63	27	49
EF1A	"	114,104	316	65	25	46
					(OP:EA1XT)	
EA5AX	**14**	**285,564**	**831**	**82**	**28**	**49**
EA1WK	**7**	**61,711**	**294**	**58**	**14**	**29**
***EA5DKU**	**A**	**1,339,666**	**1261**	**235**	**81**	**145**
*ED1A	"	961,604	968	220	80	127
					(OP:EA1AST)	
*EA1GWM	"	485,706	661	184	62	92
*EA3KU	"	300,575	487	141	57	77
*EB1BCG	"	212,940	398	142	57	53
*EA3GBA	"	12,236	133	32	9	5
***EA1DR**	**28**	**402,110**	**987**	**75**	**30**	**53**
*EA3NO	"	128,800	347	61	28	51
*EC7AKV	"	78,532	304	58	25	33
*EA4RE	"	25,256	146	32	18	27
*EA1FCH	"	18,224	107	24	15	29
*EB1TR	"	11,392	76	23	16	25
***EA5EN**	**21**	**307,242**	**782**	**83**	**31**	**55**
*EA3EZD	"	248,492	764	66	26	56
***EC7KW**	**14**	**11,682**	**93**	**36**	**13**	**17**

Sweden

SK2T	**A**	**1,486,494**	**1137**	**297**	**101**	**140**
					(OP:SM2LIY)	
SE2I	"	338,013	684	158	52	33
					(OP:SA2BRN)	
SM5EPO	"	77,401	213	84	43	30
SM6UQL	"	59,278	287	66	24	17
SM7ATL	"	23,650	102	56	35	19
SA1A	"	704	12	8	8	6
					(OP:SM1TDE)	
***SM7BHM**	**A**	**129,162**	**254**	**106**	**53**	**47**
*SA7AUW	"	7,056	54	25	19	19

Switzerland

HB9LF	**A**	**14,742**	**75**	**43**	**30**	**18**
					(OP:HB9EAZ)	
HB9DHG	**7**	**92,092**	**495**	**52**	**13**	**26**
***HB9DOU**	**A**	**288,522**	**497**	**159**	**58**	**57**
*HB9EAZ	"	28,980	117	42	26	37

Ukraine

UWØK	**A**	**1,725,568**	**1491**	**243**	**101**	**144**
UT4HZ	"	192,496	393	153	58	16
UR5QA	"	160,425	316	126	58	41
USØSY	"	132,660	300	135	47	38
UU4JC	"	87,373	244	69	40	34
UW1M	**28**	**510,150**	**1174**	**96**	**36**	**47**
					(OP:UR5MW)	
UXØFF	"	239,772	629	78	30	48
UT1IA	"	158,270	512	76	29	28
UW4I	**21**	**553,890**	**1356**	**98**	**36**	**51**
					(OP:US5IQ)	
UX1IL	"	270,040	752	84	31	42
USØMS	**14**	**156,247**	**622**	**76**	**28**	**15**
***EO3Q**	**A**	**2,275,840**	**1989**	**285**	**98**	**129**
					(OP:UR3QCW)	
*UT8EL	"	1,018,850	1226	255	85	70
*UX1UX	"	846,498	1047	239	85	62
*UT7I	"	816,390	988	240	81	65
					(OP:UT2IO)	
*UTØEL	"	124,845	336	120	49	34
*UR5IHQ	"	35,524	145	60	26	21
*UT5UGR	"	15,664	73	47	26	16
*UT2IW	"	5,883	77	29	8	0
*UT5ERV	"	1,040	20	13	8	5
***UT2IV**	**28**	**117,882**	**427**	**62**	**26**	**30**
*UZ2HZ	"	4,050	33	21	13	11
*US2YW	"	2,485	38	11	10	14
***UT9FJ**	**21**	**32,500**	**131**	**54**	**24**	**22**
*UT2AB	"	23,205	117	55	21	15
***UX7LL**	**14**	**15,240**	**112**	**37**	**17**	**6**
***EN1C**	**7**	**108,047**	**502**	**63**	**17**	**23**
***UX9Q**	**3.5**	**7,752**	**121**	**31**	**7**	**0**
					(OP:UR9QQ)	

Wales

MW2I	**28**	**260,347**	**708**	**63**	**26**	**50**
					(OP:GW5NF)	
GW4SKA	**7**	**317,317**	**983**	**74**	**22**	**47**

OCEANIA

Australia

VK4UC	**A**	**441,870**	**651**	**149**	**82**	**78**
					(OP:W5UG)	
VK7XX	"	105,080	198	86	51	48
VK6GOM	"	14,378	88	39	29	11
VK3KE	"	10,080	69	52	28	0
***VK7DZ**	**A**	**125,538**	**258**	**85**	**46**	**52**

Guam

KG6DX	**28**	**377,145**	**887**	**73**	**30**	**50**

Indonesia

***YD1OCG**	**21**	**10,370**	**73**	**36**	**18**	**7**
***YB1AR**	**7**	**9,204**	**83**	**26**	**19**	**7**

New Zealand

ZL1G	**A**	**120,800**	**265**	**89**	**42**	**29**
					(OP:ZL2HAM)	
ZL3JT	"	109,802	246	83	47	31
***ZL3TE**	**21**	**132,174**	**376**	**71**	**30**	**25**
					(OP:W3SE)	
*ZL4AS	"	85,860	247	74	30	31

SOUTH AMERICA

Argentina

LTØH	**A**	**2,152,950**	**1618**	**210**	**92**	**161**
					(OP:LU3HY)	
LU8EOT	**28**	**438,984**	**992**	**77**	**27**	**52**
					(OP:LU9ESD)	
***LU6ETB**	**A**	**90,986**	**234**	**44**	**27**	**63**
*LR1F	"	55,200	167	65	40	33
					(OP:LU5FD)	
*LU9DPM	"	4,116	34	15	13	14

Brazil

PY2NZ	**A**	**993,060**	**1167**	**147**	**70**	**107**
***PY4ZO**	**A**	**73,780**	**200**	**62**	**35**	**43**
*PY5TJ	"	65,232	190	89	44	18
***PU5AAD**	**28**	**50,484**	**220**	**37**	**14**	**33**
*PU5AYL	"	18,009	97	43	17	9
***PY4XX**	**21**	**79,849**	**270**	**61**	**24**	**34**
*PY4EK	"	61,600	245	61	23	28

Chile

XR3O	**A**	**321,570**	**471**	**116**	**61**	**93**
					(OP:CE3OPE)	

Colombia

***HK3JJB**	**A**	**625,464**	**783**	**126**	**60**	**106**

Suriname

PZ5RA	**A**	**68,460**	**276**	**46**	**15**	**23**

Venezuela

***YV8AD**	**A**	**117,740**	**219**	**119**	**54**	**30**
*YV5TX	"	7,592	53	25	14	13

QRP ASSISTED

HAØGK	**A**	**296,058**	**514**	**160**	**55**	**51**
YO8WW	**"**	**108,046**	**270**	**92**	**42**	**44**
IZ2QKG	**"**	**54,208**	**226**	**70**	**29**	**13**
IWØRFB	"	31,496	119	68	36	23
E71DX	**"**	**532**	**11**	**9**	**10**	**0**
YO9BXC	**28**	**17,168**	**111**	**36**	**18**	**4**
SP9RQH	**"**	**3,612**	**49**	**15**	**13**	**0**
EU3AA	**21**	**1,560**	**32**	**19**	**11**	**0**
VE3XD	**14**	**66,930**	**254**	**54**	**18**	**43**
UX5UU	**7**	**57,792**	**348**	**53**	**15**	**16**
E77TA	**"**	**6,390**	**74**	**38**	**7**	**0**

MULTI-OPERATOR
SINGLE TRANSMITTER HIGH POWER
NORTH AMERICA

United States

W1UE	**6,155,760**	**3309**	**395**	**137**	**248**
N1MGO	1,177,692	1206	239	85	178
K3OQ	**344,832**	**569**	**131**	**46**	**79**
K4FJ	**4,130,352**	**2574**	**344**	**118**	**186**
NC4CS	2,349,616	2094	292	100	132
AC8Y/4	1,643,937	1576	218	77	158
W4HOD	267,859	454	143	54	80
KI4UDF	259,695	708	80	28	37
K6MMM	**167,642**	**352**	**70**	**55**	**93**
W6R	109,568	358	80	57	119
N7BV	**1,975,320**	**1819**	**240**	**110**	**208**
W7PRC	1,692,918	1437	256	122	199
NK7U	1,159,918	1082	241	102	160
WX7P	171,800	433	76	46	78
NJ7I	121,396	311	79	49	50
WØLSD	**3,343,710**	**2246**	**328**	**126**	**227**
NØUV	190,995	340	123	55	77

Alaska

KL2R	**1,051,088**	**1188**	**156**	**81**	**130**
AL7L	542,521	788	117	71	141

Canada

VY2/WC3O	**3,313,016**	**2529**	**269**	**86**	**181**
VE3FJB	**2,275,008**	**1808**	**249**	**95**	**148**
VE6AO	**1,072,274**	**1377**	**136**	**76**	**170**
VE6RFM	77,655	241	47	40	68

Mexico

XE2B	**76,230**	**288**	**45**	**22**	**43**

ASIA

Asiatic Russia

UAØAYA	**2,223,179**	**2006**	**246**	**87**	**80**

Taiwan

BV2A/4	**403,704**	**900**	**124**	**45**	**20**

United Arab Emirates

A6ØA	**2,132,616**	**2063**	**237**	**82**	**89**

EUROPE

Bulgaria

LZ5R	**3,177,811**	**2338**	**322**	**113**	**176**

Czech Republic

OL7M	**5,770,935**	**3085**	**416**	**134**	**221**
OL3Z	3,559,925	2347	339	124	192
OK1KSL	2,482,882	1880	303	111	172
OK7O	2,364,852	1728	283	101	180
OL7C	16,827	110	45	20	14
OK5SWL	1,734	22	20	12	2

Denmark

OZ5NJ	**2,545,924**	**2228**	**242**	**87**	**153**

England

GØBRC	**307,340**	**660**	**152**	**60**	**30**

Estonia

ES9C	**7,423,745**	**4021**	**433**	**141**	**211**

European Russia

RM3M	**2,163,741**	**2113**	**280**	**100**	**107**
RK3DXW	1,238,445	1330	253	87	95

Fed. Rep. of Germany

DLØCS	**3,589,824**	**2241**	**363**	**124**	**185**
DP9A	2,657,419	1777	338	112	167
DK7FP	1,491,876	1268	285	99	138
DJ7JC	843,076	993	216	82	105
DAØCA	777,370	888	189	86	107
DR7B	457,275	834	166	61	46

Finland

OH8A	**3,607,252**	**2625**	**358**	**121**	**159**

France

F4ERS	**3,913,536**	**2372**	**382**	**126**	**196**
F5JY	3,299,212	2111	342	117	185

Greece

J42T	**2,813,776**	**2412**	**261**	**93**	**164**

Iceland

TF2RR	**3,382,323**	**2968**	**270**	**94**	**155**

Italy

IQ2CJ	**4,451,272**	**2646**	**374**	**131**	**202**
IZØPMV	878,439	935	261	86	92

Netherlands

PI4Z	**1,973,384**	**1600**	**257**	**93**	**174**

Norway

LA1K	**992,628**	**1387**	**219**	**69**	**63**

Sicily

IT9HBT	**3,295,698**	**2425**	**312**	**115**	**172**
IT9AUG	1,930,112	1639	287	112	145
IQ9BF	502,788	789	167	60	66

Slovak Republic

OM1ØØIG	**2,342,277**	**1738**	**281**	**108**	**178**
OM3KAG	274,352	676	117	38	53

Slovenia

S5ØW	**4,599,387**	**2673**	**403**	**133**	**205**
S51A	4,415,040	2609	382	134	214
S55CERKNO	1,336,800	1345	220	92	168

Spain

EE7T	2,356,260	2049	242	93	184
EE2K	2,068,810	1857	202	73	192

Sweden

SK7OA	424,530	646	119	55	91

Ukraine

UZ2M	6,882,380	3908	424	143	205
UT7E	1,969,331	2012	252	95	122

SOUTH AMERICA

Brazil

PY2OE	1,788,420	1358	245	96	151
PX2V	1,353,156	1397	179	68	115

Uruguay

CW9ØA	997,444	1163	145	72	126

MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER

NORTH AMERICA

United States

*NY2GB	815,502	825	240	84	74
*N3WZR	428,400	605	166	66	104
*W3YI	47,940	169	69	27	45
*WJ4N	1,068,449	1159	223	76	132
*W4CDA	39,168	135	62	38	36
*WQ3C/4	36,036	144	62	35	35
*WS7I	174,420	349	130	75	101
*KC8IMB	3,640	37	20	16	16
*N9LAH	1,604,330	1499	259	103	171
*W2MZV/Ø	216,609	306	167	75	67

Bermuda

*VP9I	3,465,924	2211	318	111	222

Canada

*VA7XB	56,595	159	57	40	50

Mexico

*XE2AU	184,421	364	85	39	99
*XE1RCQ	98,072	292	45	27	92

ASIA

Asiatic Russia

*RKØAWQ	1,638	26	17	9	0

Japan

*8J2NKC	3,485	57	18	18	5
*JJ4CDW	479,375	581	166	70	59

EUROPE

Albania

*ZA/OK6DJ	2,193,604	1998	265	87	147

Croatia

*9A2ØT	1,059,328	944	281	103	128

Czech Republic

*OK2RVM	567,504	785	205	70	61
*OL2U	277,728	519	158	60	45

European Russia

*RC4HAA	270,200	482	180	69	31
*RK3PWJ	12,638	79	48	17	6

Fed. Rep. of Germany

*DD1A	2,403,723	1739	321	111	177
*DF9DD	862,408	909	238	86	112
*DR3W	193,228	330	146	63	59
*DP4P	142,380	303	68	38	74

Finland

*OH5AG	2,062,737	1594	324	108	115
*OH8KA	178,846	440	142	51	30

Hungary

*HA3KHB	460,020	769	197	70	63
*HA22WFF	243,732	485	134	51	43

Poland

*HF1ØØWW	150,400	345	118	51	31

Portugal

*CR5D	2,676,483	2201	260	90	169
*CS5CRE	1,332,544	1632	255	82	106

Spain

*ED2V	1,644,148	1588	251	89	144
*ED2Y	1,022,975	1178	214	73	128
*EA4AAQ	201,600	450	100	44	81

Ukraine

*UX4E	634,938	882	183	76	62
*UT5IZO	186,825	410	142	55	38

OCEANIA

Indonesia

*YE2W	591,750	924	156	59	35

New Zealand

*ZL3X	333,483	496	124	71	72

SOUTH AMERICA

Argentina

*LU4FM	278,684	461	121	63	75
*LU1DBQ	5,500	51	22	16	12

Aruba

*P4ØG	4,122,177	2341	311	110	196

Chile

*3G1Z	766,500	1020	134	56	102

MULTI-OPERATOR TWO TRANSMITTER

NORTH AMERICA

United States

W1DX	2,913,840	2047	312	111	145
WY3P/4	1,446,470	1448	225	74	138
KØIR	5,644,000	3815	320	127	217

Canada

VE7SV	5,892,964	3389	333	131	258

AFRICA

Canary Islands

EA8URL	5,554,920	3491	290	102	203

ASIA

Kazakhstan

UO1P	6,171,000	3817	362	121	122

EUROPE

European Russia

RK4WWQ	1,707,796	2036	272	90	75

Fed. Rep. of Germany

DQ4W	6,072,000	3437	395	138	217

Finland

OH2ET	3,687,376	2759	357	117	142

France

F6KOP	696,249	1151	182	69	70

Italy

IQ1RY	7,076,550	3953	371	134	236

LuxePmbourg

LX7I	9,226,890	5040	409	139	237

Netherlands

PI4W	3,633,038	2638	311	108	195

Serbia

YU2A	5,077,710	3204	368	123	199

Sicily

IT9BLB	8,644,563	4592	409	137	233

Spain

ED1R	9,398,554	4962	406	138	237
EF7R	6,359,964	4001	363	126	219
EA1AP	863,727	1028	203	73	105

SOUTH AMERICA

Argentina

LS1D	6,285,440	3589	298	118	194

Aruba

P49X	12,509,318	5803	358	133	270

MULTI-OPERATOR MULTI-TRANSMITTER

NORTH AMERICA

United States

K1SFA	10,343,424	5769	390	136	251
NR4M	10,176,760	5548	406	144	258
KA4RRU	4,698,760	3473	315	113	221

Canada

VE7YBH	5,538,630	3488	304	130	256
VE5RI	1,302,004	1429	164	89	213

AFRICA

Madeira Islands

CR3L	14,970,254	6602	411	133	249

ASIA

Asiatic Russia

RWØA	7,978,824	4678	394	131	123

Japan

JE1ZWT	2,916,144	2086	252	106	146

EUROPE

Croatia

9A1A	12,881,550	6640	433	143	238

Hungary

HG1S	8,976,768	5064	422	141	213

Netherlands

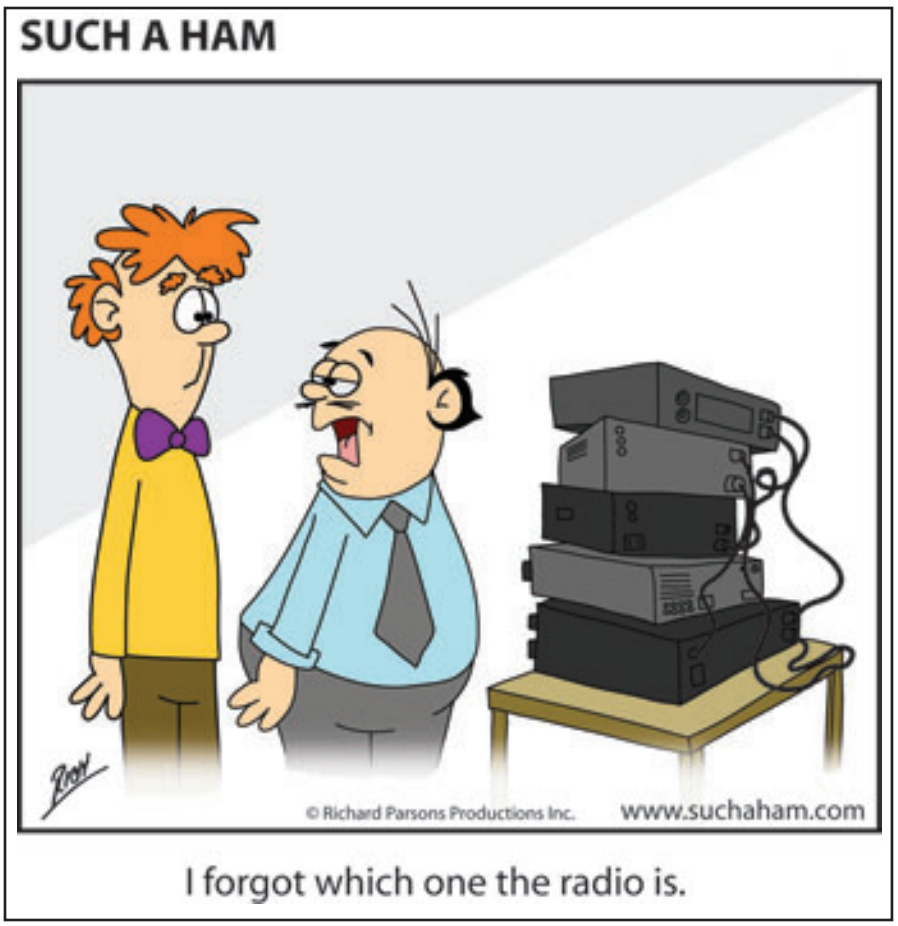
PA4J	786,310	1101	169	68	92

Poland

SP4YPB	1,491,790	1480	253	102	127
SP7PTK	99,550	256	101	48	32

Check Logs

2EØAOZ, 3A2MW, 4Z5KZ, 4Z5OZ, 5P1KZX, 9A4WY, 9M6XRO, ABØYM, AB4U, AD5CQ, AF6WU, AH6NF, AI6O, BG2BAM, CO6HZ, CT1EOJ, CT3BD, CT3FQ, CT3KN, DB2KT, DF9KF, DG1RZH, DG2MKV, DG6OAY, DH5NT, DJ3OS, DL2BQV, DL3MR, DL3NSM, DL4CW, DL8AWK, DL8MBS, DL8NCG, DL9EBG, DL9WO, DM2GG, DM4JK, DM5DX, DM5GI, DO4AXL, E72U, E77M, EA1AW, EA1CM, EA3NP, EA4TX, EA7AHA, EA7HHV, EA7HXQ, EB1DMQ, EB2RA, EB7ABJ, ED5D, EY8MM, F4FLF, F4GGQ, F6BEE, G3NYY, G3VPS, G3VQO, G7MJX, GM4UQG, HA1SN, HA5VZ, HA6NN, HB9ENU, HG3W, I1ZEU, IK1VEK, IK1ZFO, IK2LTR, IK3GES, IK4UQA, IK6BSN, IQ7AF, IT9ACJ, IZØKBA, IZØKBR, IZ2KQC, IZ3DCN, IZ4DZD, JA1GQC, JA1SVP, JA2DGQ, JA5EXW, JA5TNF, JA6ELV, JA7CVL, JA7RQK, JF8QNF, JG2KFI, JH1OAI, JH6WDG, JL3DGI, JO4CTB, JP1LRT, JR1IJV, KØFYI, KØIDT, K2NCC, K2QQ, K3JPT, K6KO, K6OK, K6ZH, K7FLI, K7XM, K8BHK, KB1GKN, KC2ZDC, KD5ZAT, KD6HQ, KD6OAT, KE7XM, KF7F, KI7MT, KJ1J, KK7CG, KK7JS, KS4YX, KT7E, KV8KV, L73D, LA3BO, LA3EPA, LA4NL, LU1WI, LU2VH, LU5CAB, LU7DDX, LU7HN, LY2BVB, LY9Y, MØDDT, MØIPU, M5LRO, NØKQ, NØVPL, N4FZ, N4WD, N5IJE, NS5J, OD5PY, OE2DYL, OE6IMD, OH2EK, OH2HPX, OH7HPM, OK1DMP, OK1MP, OK1VRF, OK2BHD, OK4RQ, ON4KEB, OZ1CCM, OZ1NF, PAØRRA, PA3ECL, PDØDK, PDØMBY, PDØMWG, PDØROC, PDØRXP, PDØWR, PD1ALW, PD5JFK, PU2PZZ, PY2OC, R4WAA, R6YY, RAØCHK, RA1AOB, RA4WC, RA6DE, RK1AQ, RT6T, RV3DBK, RW3DY, RW4NY, RY7A, RZ3EC, S51AY, S51K, SP2UUU, SP3CGK, SP3UQG, SP4GDC, SP4JCP, SP6CZ, SP6HTQ, SP6QKP, SP8BWR, SP9GKJ, SP9OYB, SP9RI, SQ4LP, SQ9LFQ, SV1MNF, TF8SM, TK5MH, UAØSBQ, UA1OKO, UA4UT, UR8IB, UT1UW, UT5ULB, UT7EJ, UY5AX, UY5QQ, VA3KAB, VK2MWG, W1RO, W1WLW, W2RTV, W4GAC, W5AP, W6CWM, W6SL, W7THY, W8KA, W9JFB, W9OO, WA3LAB, WB2COY, WI7N, WS7L, WV6E, XE1RBV, XE2VHF, YG9RGA, YG9RHR, YO2CMI, YO5CUQ, YO6CFB, YO7DAA, ZL1BYZ



Looking Ahead in

Here are some of the articles we're working on for upcoming issues of *CQ*:

For April…

New column: *CQ World Wide*

- Professor Heisseluft
- **2012 CQ World Wide SSB Results**

Plus…

- **2012 CQ World Wide CW Results** in May

Upcoming specials:

- Take it to the Field (June)
- Emergency Communications (October)
- Technology (December).

Do you have a ham radio story to tell? Something for one of our specials? See our writers' guidelines on the CQ website at <http://www.cq-amateur-radio.com/guide.html>.