Results of the 2012 CQ WW WPX SSB Contest

BY RANDY THOMPSON,* K5ZD

Expanded Results on the Web

As usual, QRM and operator lists accompany this article on the WPX Contest page of the CQ website <www.cq-amateur-radio.com>. In addition, this year the top scores for the U.S. and Europe are also on the web in order that we can once again provide you with a full "top-ten" list of world high scores in each category. —*W2VU*

Solar Indices During WPX SSB Contest 2009–2012

Year	Solar Flux Index	A Index	K Index
2012	103	10	2
2011	114	1	0
2010	88	7	2
2009	71	3	1

After a few weeks of disappointing conditions, expectations were hopeful for the 54th running of the CQ WPX SSB Contest in March 2012. Entrants watched the solar forecasts, plotted their strategies, and tried to anticipate which category would produce the most fun, highest score, or a new all-time record.

At the starting gun, the rates were excellent. Many stations reported more than 400 QSOs in the opening hours. Fifteen meters was best from the western USA, while 20 and 40 were the hot bands back east and in Europe. Something happened to the sun on Saturday, though, and the spell was broken. Conditions dropped to only fair, and squeezing most of the activity into 40, 20, and 15 meters made for a rough-and-tumble experience.

QRM was a popular topic in the chatter after the contest. Scott, K7ZO, said, "I am not sure I have ever heard 15 as packed as I heard it this weekend. It sounded like 20 at the bottom of the solar cycle." From Matija, S53MM, "QRM was killing me almost all of the time." Ed, K6CTA, enjoyed his experience: "Heavy rain on Saturday kept me inside, and what better way to spend the day than on the radio fighting QRM on SSB!"

Those who stuck it out saw conditions improve on Sunday. More than one entrant commented on having their best rates at the end of the contest! You just never know how a contest will play out, so it is important to stay in the chair all the way to the end, or maybe, like Dave, K6LL, you just can't resist: "I didn't plan to put in much time in this contest, but I had fun on Friday night and kept coming back to the radio like a moth to the flame."

In the end, much of the enjoyment of contesting is about the experience. Bill, K2PO, described it this way: "It's always fun to have an exotic station come back to a CQ when you're working US stations. 5X1D was the highlight in that category this time." Roberto, CE4CT, had some memorable moments, too: "…in the middle of the contest there were two earthquakes, 5.9 and 7.2, but in neither stop transmitting for no lose the rate."

"WPX is like a worldwide costume ball. You never know who may be behind the mask!"—Jim, AD1C

The WPX Contest counts prefixes as multipliers. This encourages activation of interesting special callsigns and some stations "borrowing" callsigns that have a less common prefix. The result is more fun, but never knowing to whom the voice behind the microphone belongs. Many Croatian stations added "20" to their prefix to celebrate the 20-year anniversary of the 9A prefix. LY22A was in honor of the 22nd anniversary of independence of Lithuania. The team at EI7M used EI100T to commemorate the 100th anniversary of the last (and first!) sailing of the *S.S. Titanic*. IY4FGM was the Marconi Memorial Station operating from the villa where young Guglielmo Marconi made his first experiments in wireless communications.

Steve, GW4BLE, operated single band 75 meters. You can listen to your QSO with him at <www.gw4ble.dxlixt.co.uk>.

The top prefix count among all entries was once again achieved by the big German multi-multi station DR1A, with 1841. This is 68 fewer prefixes than their record set one year ago. The best prefix total by a single-operator was CN2R with 1424. Special thanks to those stations who provided some of the more interesting prefix multipliers, including: 4GØLD, 5P12EU, 8J10SAI, 9A22P, HUØA, L59D, L60S, LZ12FDAY, LZ1784SIB, LZ40YE, SZ6P, TM22P, TM38O, TO7BC, UE85DRK, V55V, VP52V, YB8Y, and YE3J. Harley, K8BI, commented, "Some of these calls were so weird I had no idea what I was working and where to point the beam!"

Single-Operator All Band

The race for top Single-Operator All Band score was once again between perennial champions Jim, W7EJ, at CN2R, and Tom, W2SC, at 8P5A. Jim used his proximity to Europe to gain double QSO points on the low bands and set a new all-time record. Tom made 800 more contacts, mostly on 20 and 40, but it just wasn't enough. Andy, AE6Y, was close behind from P49Y. After wrestling with pulling QSO numbers out of the QRM all weekend, Andy suggested a new way of saying numbers: "…we should all use: *zero, uno, due, tres, quattro, cinco, six, siete, otto* or *ocho, nova* or *nueve* … doing so would lessen necessary repeats and up the scores considerably." Should contesters create their own set of phonetic numbers?

Who says the guys in New England win everything? There was a battle of superstations with super ops for the top USA score. Kevin,

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2012 WPX SSB TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Stanley Cohen, W8QDQ Trophy. Won by: **CN2R operated by James P Sullivan, W7EJ**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **P40W operated by John Crovelli, W2GD**
WORLD QRP: Phil Krichbaum, NØKE Trophy. Won by: **TI5N operated by Bill Parker, W8QZA**

USA: Atilano de Oms, PY5EG Trophy. Won by: **NN5J operated by Kevin Stockton, N5DX**
USA Low Power: Terry Zivney, N4TZ Trophy. Won by: **NV1N operated by Edward Sawyer, N1UR**
USA QRP: Doug Zwiebel, KR2Q Trophy. Won by: **Randy Shirbroun, NDØC**
USA Zone 3 High Power: Lauri "Mac" McCreary, KG7C Trophy. Won by: **KW7Y operated by Mitch Mason, K7RL**
USA Zone 3 Low Power: Buz Reeves, K2GL Memorial Trophy. Won by: **AD7JP operated by Bill Conwell, K2PO**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Awarded to: **George A. Demontrond III, NR5M**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **Dave Cockrum, N5DO**
USA Zone 5 High Power: Paul Obert, K8PO Trophy. Won by: **K1LZ operated by Markovic Milovan, N8BO**

EUROPE High Power: Jim Hoffman, N5FA Trophy. Won by: **E7DX operated by Emir Memic, E77DX**
EUROPE Low Power: Ed Sawyer, N1UR Trophy. Won by: **UU7J operated by Andy Kotovky, UU4JMG**
EUROPE QRP: Rick Williams, VE9HF Trophy. Won by: **TM9K operated by Gerard Gendron, F5BEG**

AFRICA: Peter Sprengel, PY5CC Trophy. Awarded to: **TO7BC operated by Hartwig Kauschat, DL7BC**
ASIA: Chris Terkla, N1XS Trophy. Won by: **Vladimir Vinichenko, UPØL**
NORTH AMERICA: Albert Crespo, F5VHJ Trophy. Won by: **8P5A operated by Tom Georgens, W2SC**
NORTH AMERICA QRP: Phil Krichbaum, NØKE Trophy. Won by: **No entrant**
OCEANIA High Power: Phillip Frazier, K6ZM Memorial Trophy. Won by: **WH7M operated by Lou Cohen, K1YR**
OCEANIA Low Power: YB Land DX Club Trophy. Awarded to: **Holger Hannemann, ZL3IO**
SOUTH AMERICA: Andrew Faber, AE6Y Trophy. Won by: **P49Y operated by Andrew Faber, AE6Y**
SOUTHERN CONE (CE, CX, LU) Low Power: LU Contest Group Trophy. Won by: **Esteban Asenjo, XQ7UP**

CANADA High Power: Saskatchewan Contest Club Trophy. Won by: **VY2ZM operated by Jeffrey T. Briggs, K1ZM**
CANADA Low Power: Paul Cassel, VE3SY Memorial Trophy. Won by: **Dan M. Lazar, VE6EX**
JAPAN: Hamad Alnusif, 9K2HN Trophy. Won by: **Masaki Okano, JH4UYB**

SINGLE OPERATOR, SINGLE BAND

WORLD: Steve Merchant, K6AW Trophy. Won by: **PX5E operated by Sergio Lima de Almeida, PP5JR**
WORLD 28 MHz: Jorge Taboada, EA9LZ Trophy. Awarded to: **CE3CT operated by Roberto Ramirez, CE4CT**
WORLD 28 MHz Low Power: Six Stars Contest Station LS1D Trophy. Won by: **Guilherme Vaz, PU2LEP**
WORLD 21 MHz: Stuart Santelmann KC1F Memorial (W3UA/RA3AA sponsor) Trophy. Won by: **D44AC operated by Fabio Schettino, I4UFH**
WORLD 14 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **Andreas Kretzschmar, 9Y4W**
WORLD 7 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **Salim Gechem, HK1T**
WORLD 7 MHz Low Power: Neal Campbell, K3NC Trophy. Won by: **UZ7M operated by Yuri Prokhorov, UT9MZ**
WORLD 3.7 MHz: D4C Contest Team Trophy. Won by: **YT4A operated by Miroslav Vemic, YT1AA**
WORLD 1.8 MHz: UA2 Contest Club Trophy. Won by: **Tomislav Polak, 9A2AJ**

USA 28 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **WN1GIV/4 operated by Bob Patten, N4BP**
USA 21 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **KJ3X/4 operated by Bill Kollenbaum, K4XS**
USA 14 MHz: Charles Wooten, NF4A Trophy. Won by: **Carol Richards, N2MM**
USA 7 MHz: Yankee Clipper Contest Club Trophy. Won by: **Fred Reed, KK1KW**
USA 3.7 MHz: Bernie Welch, W8IMZ Memorial (WB8MRU sponsor) Trophy. Won by: **Steven Sussman, W3BGN**

EUROPE 28 MHz High Power: SKY Contest Club Trophy. Won by: **CR2T operated by Eduardo M. F. S. Machado, CU2AF**
EUROPE 21 MHz High Power: SKY Contest Club Trophy. Won by: **CS2C operated by Jiri Pesta, OK1RF**
EUROPE 14 MHz High Power: SKY Contest Club Trophy. Won by: **OHØX operated by Pertti Simovaara, OH2PM**
EUROPE 7 MHz High Power: SKY Contest Club Trophy. Won by: **YT8A operated by Dusan Ceha, YU1EA**
EUROPE 3.7 MHz High Power: SKY Contest Club Trophy. Awarded to: **Mikael Reijer, SM3M**
EUROPE 1.8 MHz High Power: SKY Contest Club Trophy. Awarded to: **Kurt Kawasch, OM7RU**

SINGLE OPERATOR ASSISTED

WORLD: Emir-Braco Memic, OE1EMS Trophy. Won by: **P41P operated by Helmut Mueller, DF7ZS**
USA: Alabama Contest Group Trophy. Won by: **Rick Davenport, KI1G**
EUROPE: Martin Huml, OL5Y Trophy. Won by: **YP9W operated by Tiberiu Tebeica, YO9GZU**

OVERLAY CATEGORIES

WORLD Tribander/Single-Element: Helmut Mueller, DF7ZS Trophy. Won by: **NXØX/4 operated by Paul H. Newberry, Jr., N4PN**
USA Tribander/Single-Element: Paul Newberry, N4PN Trophy. Awarded to: **Charles Wooten, NF4A**
USA Tribander/Single-Element Low Power: Al Josza, KG1E Trophy. Won by: **NR3X/4 operated by Nate Moreschi, N4YDU**
Europe Tribander/Single-Element: Roger Miner, K1DQV Trophy. Won by: **Igor Vachevsky, RT4RO**
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **UA5A operated by Oleg Prelovsky, RA3AKT**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Latvian Contest Club Trophy. Won by: **5D5A operated by IK2QEI, IK2SCG**
USA: Steve Bolia, N8BJQ Trophy. Won by: **WW2DX operated by W2RE, WW2DX, KB2HZI, K2TR**
AFRICA: Rhein Ruhr DX Association Trophy. Won by: **6V7Z operated by UA9CDC, RA9FW, 6W7RV**
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Won by: **P33W operated by 5B4AIE, RV3BA, RG6G, R3DCX, RW4WR, RA3AUU**
EUROPE: Tonno Vahk, ES5TV Trophy. Won by: **RL3A operated by RA3CO, UA3ASZ, RL3FT, RU3RQ, RT3DX, RN3DNM, RV3MA**
NORTH AMERICA: North Pole Contest Group Trophy. Won by: **WP2Z operated by K8MJZ, KP2MC, K9VV, NQ6N**

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Trophy. Won by: **PJ4Z operated by K4BAI, WW4LL, N4OO, W4DXX**
USA: Florida Contest Group Trophy. Won by: **KE3X operated by KE3X, K3RA, W2CDO, N8II, K2YWE**
AFRICA: Walter Skudlarek, DJ6QT Trophy. Won by: **CR3A operated by CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3IA, CT3KU, CT3KY, CT1EEB, CT1FFU, CT1FJO**
EUROPE: Bernd Och, DL6FBL Trophy. Won by: **EI100T operated by EI8IR, EI3JE, EI3JZ, EI3KD, EI4HQ, G4CLA, G3ZVW, G3TWC**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Gail M. Sheehan, K2RED Trophy. Won by: **EB8AH operated by EA4BQ, EA5DY, EA8AH, EA8CAC, EA8ZS, ES2RR, ES7GM, ES5RW, IK1HJS, OH1MA, OH6RX**
USA: Dale Hoppe, K6UA Memorial Trophy. Won by: **NX5M operated by NX5M, KU5B, N5XJ, KJ5T, K5RT, AB5K, K5END, W5SE**
EUROPE: Rick Dougherty, NQ4I Trophy. Won by: **DR1A operated by DB5JG, DF6JC, DJ7EO, DK2CX, DL1QQ, DL5LYM, DL6FBL, JF3GAD, PA1TX, PC5A**

CONTEST EXPEDITION

WORLD: C6APR Memorial (PT7ZZ sponsor) Trophy. Won by: **V55V operated by V51W, DH1TW, DJ2HD, DK6XZ, DK9IP, DL3DXX, DL9NDS**

N5DX, was operating as NN5J from the K5GO/N5DX hilltop in Arkansas, and George, NR5M, was blasting away from his big station outside Houston. Both had almost identical multiplier totals. Kevin had 184 fewer contacts, but made up for it with extra DX on 40 meters to take the win. Markovic, N8BO, drove the big station at K1LZ to a close third-place finish. Mitch, K7RL, posted a very impressive fourth-place score from the Pacific Northwest using the callsign KW7Y.

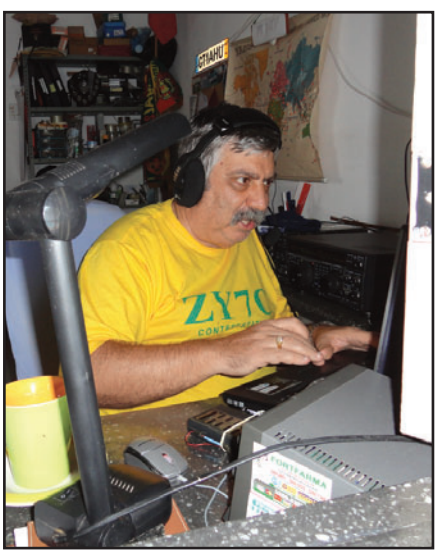
The top 100 single-operator all band entrants in the world averaged more than 33 hours of operating time. Their average score reduction was only 6.5% after the log checking. No doubt many of them were chasing qualifying points for WRTC 2014.

Single-Operator Single Band

After winning the 15-meter single band category four out of the last five years, Sergio, PP5JR, moved up to 10 meters this year. Instead of his usual ZX5J callsign, he used PX5E to earn the highest of any single-band score with 17.7-million points. Imagine over 4500 contacts just on 10 meters! Sergio's effort set a new all-time record for the band by breaking the 10-year-old record of D44AC (op 4L5A).

The D44AC callsign was also active this year. Fabio, I4UFH, visited the Cape Verde Islands to go for a new record on 15 meters. Murphy had other plans, as Fabio experienced a generator failure just before sunrise. It took three hours to get someone up the mountain to diagnose and fix the problem—dirty gasoline. That short outage probably cost him the record.

Twenty meters is always a challenge, but even more so this year. During the day, all of the activity was on the higher bands. At night, everyone was on the low bands looking for double points. The competition was from South America with Andreas, 9Y4W, getting the win over Fernando, PY2LED, at ZV2V.



Carlos, PT7ZT, enjoyed operating as PV7M during the contest.

The third highest single band score in the contest was by Sal, HK1T, operating from the "Jumaji" antenna farm with stacked full-size 3-element Yagis. Dusan, YT8A, did his usual fine job to win Europe. Averaging the highest miles per QSO was third-place finisher Laurie, VK7ZX, all the way from Tasmania.

With propagation so good on the high bands, it was difficult for the challengers on 75 and 160 meters. Vemic, YT1AA, used six different Beverage listening antennas to earn the high score over Mikael, SM3M. Tomislav, 9A2AJ, fought the QRN for over 27 hours to win 160 meters. Ouch.

Single-Operator Low Power

The winner for the low power all-band trophy always seems to come from Aruba. This time it was John, W2GD, operating barefoot from P40W with his sights set on setting a new category record. The solar disturbance on Saturday was just enough to prevent that from happening, but still left him with a big lead. It was an intense competition for second place and top European score between UU7J, operated by Andy, UU4JMG, and IR4X, operated by Matteo, IZ3EYZ. Another perennial high scorer is Ed, N1UR, operating as NV1N. Ed's 5.4-million points pushed the USA all-time record up another 10%.

Single-Operator Assisted

With multipliers seemingly coming with each new QSO, there isn't as much advantage to using the DX Cluster in WPX compared to other contests. Even so, the competition in the Assisted category continues to increase as top operators enjoy the ability to run and still not miss anything that's happening on the bands.

After four years of operating from Madeira, Helmut, DF7ZS, headed to the magical WPX island of Aruba to chase the prize from the

Log Checking Honor Roll

There were 2,866,408 total QSOs recorded in the 5,365 logs received for the 2012 edition of the WPX SSB Contest. More than 2.2 million, or 78%, of these contacts could be cross-checked against another log. An incredible 95.5% of the cross-checked QSOs were made without errors. That's rather amazing when you consider all of the QRM, QSB, and other distractions of a phone contest. The average score reduction for all logs was 11.6%. Score reductions usually are higher in WPX because many busted calls often have the added impact of being lost multipliers.

Everyone who submitted a log to the WPX Contest should have received an e-mail with a link to their log checking report. The report shows all errors found in the logs and how the final score was calculated. The report also shows how others may have miscopied your callsign or exchange. This is a great tool for learning how to improve your operating skills. If you did not receive the message with the link, send an e-mail to <director@cqwpx.com> to request your report.

There were 347 "Golden Logs" with no score reductions at all! Top golden logs (with QSOs made) includeVR2XLN (487), WN2O (341), KIØI (300), VA5LF (270), and G6NHU (244). Nice work!

Interestingly, there were 339 entries that were Golden on the transmitting side. They caused no busted calls, no exchange errors, and no Not-In-Log busts. This elite group included KT2G (100), W4EF/6 (66), OL7Y (56), AA4KD (54), and N3GJ (52).

Sunrise at the antenna farm of ED1R.

2012 WPX SSB WORLD TOP SCORES

SINGLE OPERATOR HIGH POWER ALL BANDS

CN2R (W7EJ) 27,280,992
8P5A (W2SC) 24,809,505
P49Y (AE6Y) 22,182,251
VY2ZM (K1ZM) 18,863,406
UPØL 18,541,055
E7DX (E77DX) 16,982,770
C4W 16,750,800
LT1F (LU1FAM) 16,704,753
PT5T (PP5XX) 16,578,468
CW5W (CX6VM) 15,933,607

28 MHz

PX5E (PP5JR) 17,785,368
CE3CT (CE4CT) 8,812,826
PJ2T (AC8AP) 4,853,292
PY5QW 4,643,936
H2T (5B4XF) 3,839,844
ZY5Y (PP5BS) 3,215,668
CR2T (CU2AF) 1,621,312
JO3JIS 1,540,045
ZS6EE 1,283,660
TM4W (F5HRY) 1,272,700

21 MHz

D44AC (I4UFH) 17,356,864
PR5B (PY2LSM) 11,236,625
KJ3X/4 (K4XS) 8,588,114
CS2C (OK1RF) 8,004,231
YT5W (YT7AW) 6,010,788
E77A 5,608,691
TM1W (F1HAR) 5,601,827
NH6P (KH7Y) 4,121,650
XE1L 3,636,370
CX2DK 3,551,292

14 MHz

9Y4W 9,177,904
ZV2V (PY2LED) 7,101,512
D4C (IZ4UEZ) 6,534,990
VC7R (VA7RR) 5,664,204
OHØX (OH2PM) 5,195,988
RT5Z 4,914,560
SSØK 4,833,312
EA5DFV 3,898,378
UZØU (UY5ZZ) 3,250,640
YL2BJ 2,611,614

7 MHz

HK1T 14,512,230
YT8A (YU1EA) 6,557,886
VK7ZX 4,303,684
YL3FT 2,824,356
KK1KW 2,407,000
R8MC 2,329,002
PS2T (OH2MM) 1,977,880
9A8DX 1,854,949
OQ7T 1,454,976
IK3UNA/1 738,700

3.7 MHz

YT4A (YT1AA) 1,243,200
SM3M 1,001,151
S54K 849,420
IC8WIC 834,968
W3BGN 808,920
4M5W (YV5MSG) 491,301
SP3GTS 390,375
RU4SS 370,596
UX1VT 243,168
EA1AAW 199,867

1.8 MHz

9A2AJ 465,864
OM7RU 340,599
UT5UGR 299,882
LY2OU 228,285
SP4JCP 172,500
IR1A (IK1GPG) 97,709
EA6SX 41,340
RN4HJQ 40,125
RW3SY 30,193
UT5ECZ 19,950

SINGLE OPERATOR LOW POWER ALL BANDS

*P4ØW (W2GD) 13,062,600
*UU7J (UU4JMG) 6,531,670
*IR4X (IZ3EYZ) 6,328,036
*ZL3IO 6,182,904
*NV1N (N1UR) 5,451,950
*RWØA (RAØAM) 5,171,096
*LY1R (LY9A) 4,803,825
*SSØA 4,732,052
*HI8LAM/3 4,354,011
*KU2M 4,318,160

28 MHz

*PU2LEP 5,134,649
*LW8DQ (LW7DX) 3,011,602
*LU6FOV 2,837,100
*LU7EC 2,525,888
*PY2MTS 2,242,880
*CX1DP 1,510,083
*PU5FJR 1,463,405
*AY8A (LU8ADX) 1,070,913
*CA3SOC 1,056,088
*RV9DC 1,016,880

21 MHz

*5K3R (HK3R) 2,819,245
*YV5KG 2,177,872
*HI3K 2,070,445
*JR3RIY 1,203,184
*4M1F (YV1JGT) 978,040
*LZ2JA 918,517
*R9RA 856,215
*CO2CW 804,804
*UAØSOX 798,930
*VE5ZX 634,920

14 MHz

*PY1ZV 1,287,453
*SP5GRM 1,255,130
*EA8VD 990,416
*UA6LUQ 867,064
*YB9WZJ 675,540
*S52WW 674,245
*LR1H 665,660
*LY8O 618,838
*YL5W 569,016
*IZ2ACD 559,035

7 MHz

*UZ7M (UT9MZ) 2,561,598
*S57DX 2,270,452
*UY2UQ 1,214,292
*UU2CW 1,042,317
*Z33F 651,651
*UA6YE 641,079
*EI6JK 625,820
*F4GTD 592,724
*LY5I 488,824
*PV2P (PY2DY) 325,040

3.7 MHz

*DF2DJ 923,832
*YT8WW 683,648
*YL2GUV 336,980
*SP4SHD 274,920
*R3LC 224,548
*S53N (S58G) 220,792
*OMØCS 213,030
*US2IZ 169,596
*HK6P 164,104
*HG8YKO 155,350

1.8 MHz

*EU2EU 74,304
*OK1JOK 60,060
*ER2RM 33,408
*SM6FJY 20,592
*VE3EDY 8,140

SINGLE OPERATOR ASSISTED HIGH POWER ALL BANDS

P41P (DF7ZS) 23,229,884
RC9O 17,536,244
H22H (5B4MF) 13,617,600
ZZ2T (PY2MNL) 12,663,156
KI1G 11,971,296
YP9W (YO9GZU) 11,956,764
HA8JV 9,654,390
EC2DX 9,440,957
IW2HAJ 9,061,152
VE9HF 8,789,700

28 MHz

LR2F 7,746,093
LU3HS 4,503,842
KG6DX 4,406,832
4XØA (4X1VF) 2,609,750
PP5JN 1,398,132
CT3HF 1,351,396
II9X (IT9SPB) 1,243,772
PY1EW 1,078,740
XV1X 957,190
RXØAE 833,316

21 MHz

NS1L/4 (W4SVO) 5,364,639
5B4KH 5,336,788
LY5E (LY2IJ) 5,203,000
DF9ZP 4,976,624
OQ4U 4,685,949
YT7Z (YT5M) 4,608,128
EI2CN 4,331,998
YU5A (YU1EW) 4,178,944
9A5Y (9A3NM) 4,054,290
OH1F (OH1NOA) 3,683,488

14 MHz

SO2R (SP2FAX) 7,181,838
GW9T (MWØZZK) 6,915,090
US1I (UX2IO) 6,520,784
S53F 5,149,956
OL9Z 5,014,488
PT2CM (PT2IC) 4,830,602
RJ3FF 4,334,240
EO3Q (UR3QCW) 3,768,498
DA2C (DK3DM) 3,441,925
SSØG (S57AW) 2,891,904

7 MHz

YW5T (YV5JBI) 6,849,684
4L5O 5,963,804
S56X 3,454,297
OK1UG 1,742,959
R3KM 1,600,225
LR9D (LU9ESD) 1,296,297
RA6XV 595,059
EC7ZK 582,400
J42T (SV2DCD) 303,222
K4KZZ 299,184

3.7 MHz

SN2M (SP2XF) 1,740,188
IQ4RA (I4AVG) 1,693,584
DM5ØUEA (DL3BQA) 1,358,934
E73ESP (E72SIE) 1,094,100
YU1ARC (YU1YV) 968,856
OH9W (OH2FPK) 966,264
UW5ZM 853,461
YL6W 852,867
9A2R 784,665
EA7EU 622,566

1.8 MHz

IO4C 688,170
LY7M 376,957
EU3AR 328,308
IZ5MOQ 253,968
UA6AIW 35,916

SINGLE OPERATOR ASSISTED LOW POWER ALL BANDS

*RV9UP 4,626,720
*S5ØXX 3,156,849
*RL6M 3,010,144
*IB1B (IW1QN) 2,966,194
*UN7MMM 2,947,204
*YTØZ (YU1ZZ) 2,597,188
*UA9AL 2,556,440
*YV8AD 2,390,775
*RW4WA 2,349,000
*LZ12FDAY (LZ1UK) 2,213,099

28 MHz

*PR3A 4,639,460
*LU8EOT 4,400,685
*YV5JF 1,330,662
*PY3FJ 1,323,552
*PU8WWW 1,248,566
*PU2STZ 853,549
*PY2HT 839,300
*PY2TKB 774,204
*HGØR (HAØNAR) 469,080
*PU1KGG 396,198

21 MHz

*HA4XH 2,442,462
*PY9MM 1,069,932
*N9TGR 1,001,616
*ED8D (EA8MT) 935,520
*R9MC 925,688
*UAØWY 831,833
*IR8M (IZØEYP) 650,886
*UT5LO 526,128
*SP4DZT 511,936
*YL3AGV 318,763

14 MHz

*YT5CT 1,511,433
*YT8T 1,142,580
*KG1E 1,036,630
*ZM3T (W3SE) 1,036,074
*UT7Y (USØYW) 724,895
*YO8SSB 640,920
*NP4G 497,377
*EF7W (EC7KW) 425,898
*OK6RA 371,840
*RA6GW 357,840

7 MHz

*EI4CF 892,012
*EN1C 845,435
*VY2MGY/3 (VE3MGY) 685,640
*NY6DX/2 632,818
*2E1FVS 419,692
*EA5HSI 345,779
*VE9ML 255,387
*UA2FT 128,554
*YTØA 112,658
*DS5TOS 110,522

3.7 MHz

*9A1JSB (9A7ZZ) 527,050
*LY7Z 521,968
*S53NW 243,837
*DR2K (DL5OCR) 163,226
*IT9JDH 139,200
*EA3AKA 94,500
*YB1AR 15,386
*EA1GWM 4,988
*UR8IDX 552

1.8 MHz

*E7CW (E74WN) 320,458
*Z36N 205,905
*SP8LBK 121,208
*UR5IFB 96,114
*W2MF 54,730

SINGLE OPERATOR QRP ALL BANDS

TI5N (W8QZA) 1,449,725
TM9K (F5BEG) 953,680
LU7HZ 756,646
DL8LR 749,700
NDØC 641,600
IZ8JFL 541,250
OO4O 500,148
RN4HAB 496,353
HG6C (HA6IAM) 485,204
E77TA 482,466

28 MHz

LU3HFA 120,330
ON6NL 92,105
I5KAP 79,977
R2AD 30,680
YO5OHY 27,730

21 MHz

EI4II 117,898
EA1CJJ 109,068
SP4LVK 92,571
WA6FGV 91,455
JH3DMQ 79,325

14 MHz

YT1CS 131,108
SP3DRM 81,468
ON3DI 50,220
RU4SM 43,792
UAØA 38,350

7 MHz

S57SU 609,329
9A2Ø9L (9A9L) 217,722
SP2QOT 180,576
SP4GFG 172,125
HA8V 57,961

3.7 MHz

UX9Q (UR9QQ) 36,010
K9JWV/7 4,272

3.8 MHz

9A4AA 1,984
R3VA 91

MULTI-OPERATOR SINGLE TRANSMITTER

5D5A 38,510,454
P33W 37,798,352
RF9C 29,872,318
6V7Z 27,788,120
UP2L 27,522,568
3V8BB 26,263,647
RL3A 22,523,280
CQ9T 21,845,680
ES9C 21,585,315
WP2Z 21,335,538

MULTI-OPERATOR TWO-TRANSMITTER

PJ4Z 57,741,867
CR3A 50,282,186
PW7T 44,052,624
V55V 36,092,544
EI1ØØT 33,721,072
ED9Z 31,118,395
OL4A 29,159,072
A73A 28,885,818
CQ3L 28,737,382
9A7A 25,898,786

MULTI-OPERATOR MULTI-TRANSMITTER

EB8AH 76,018,024
DR1A 51,608,753
LP1H 47,996,898
9A1A 38,960,724
OT5A 34,489,028
LZ9W 34,413,120
HG1S 26,861,948
VC6Z 19,953,621
NX5M 19,565,898
KL7RA 19,449,164

ROOKIE HIGH POWER ALL BANDS

UA5A (RA3AKT) 11,307,639
S59ABC (S56AA) 7,429,512
RN3DMU 3,146,094
HZ1TT 2,504,568
UD3D (UB3DAY) 2,221,128

28 MHz

PY1EW 1,078,740

21 MHz

AK3S 155,178
BY1CW (BD1GXH) 134,596

14 MHz

D4C (IZ4UEZ) 6,534,990

ROOKIE LOW POWER ALL BANDS

*EA2LMI 1,090,100
*ED7R (EA7IZJ) 1,009,125
*OH3FOG 998,037
*YO5LD 818,100
*W4DTB 529,968

28 MHz

*CX1DP 1,510,083
*PU8WWW 1,248,566
*PU2STZ 853,549

21 MHz

*YL3AGV 318,763
*DO3KMF 94,127
*UB6ACR 22,040

14 MHz

*LR1H 665,660
*IIØK (IZØUME) 85,008
*IV3CTS 25,452

7 MHz

*F4GTD 592,724
*EA5HSI 345,779
*YO2MJZ 150,332

TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BANDS

NXØX/4 (N4PN) 8,815,183
RT4RO 7,517,104
KP2MM (N2TTA) 6,621,256
NF4A 4,729,318
LZ2DF 4,606,848
EE3A (EA3ATM) 4,514,610
OQ5M (ON5ZO) 4,205,362
SV5DKL 4,178,160
UA4FEN 4,097,236
EW2A 3,889,458

28 MHz

4XØA (4X1VF) 2,609,750
WN1GIV/4 (N4BP) 903,378
9A2U (9A3ZA) 576,240
KU8E/4 349,875
WP4WW (KP4JRS) 339,756

21 MHz

4X9A (4Z4OQ) 3,505,614
SV9GPV 2,878,092
K6LL/7 2,080,880
VY1EI 917,889
KZ5J 724,710

14 MHz

9A2Ø3B (9A1AA) 2,720,133
RY3D 2,187,516
S51CK 1,913,330
8SØC (SMØMPV) 1,889,264
UP5P (UN7PL) 1,207,524

7 MHz

9A8DX 1,854,949
IK3UNA/1 738,700
RA3OA 501,421
LY2UU 485,000
IW5ELR 294,118

3.7 MHz

DM5ØUEA (DL3BQA) 1,358,934
YT4A (YT1AA) 1,243,200
9A2R 784,665
EA7EU 622,566
EA1EA 134,829

3.8 MHz

IZ5MOQ 253,968
SV1GRD 7,257

TRIBANDER/SINGLE ELEMENT LOW POWER ALL BANDS

*ZL3IO 6,182,904
*RT9S 3,285,816
*TO7BC (DL7BC) 3,172,628
*IB1B (IW1QN) 2,966,194
*E21EIC 2,846,340
*NR3X/4 (N4YDU) 2,439,441
*XQ7UP 2,216,865
*IO2Z (IK2DZN) 2,028,285
*KT4ZB 1,949,935
*NX6T (K6AM) 1,920,810

28 MHz

*LU7EC 2,525,888
*AY8A (LU8ADX) 1,070,913
*LU8DCF 985,150
*LU3DR 779,833
*HQ2N (JA6WFM) 292,608

21 MHz

*R9MC 925,688
*UAØSOX 798,930
*RU4SO 602,922
*KM4HI 425,632
*EE1B (EA1YB) 387,045

14 MHz

*PY1ZV 1,287,453
*KG1E 1,036,630
*ZM3T (W3SE) 1,036,074
*S57U 453,840
*XR1I (CE1KR) 445,284

7 MHz

*EN1C 845,435
*VY2MGY/3 (VE3MGY) 685,640
*OK2ILD 312,180
*IQ1BD (IZ1DGG) 283,976
*VE3SWS 146,190

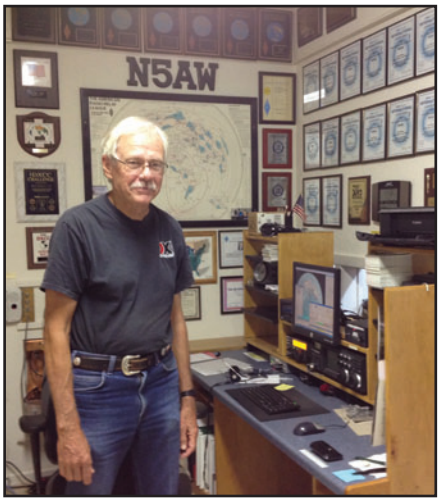
3.7 MHz

*YL2GUV 336,980
*S53NW 243,837
*R3LC 224,548
*S53N (S58G) 220,792
*OMØCS 213,030

1.8 MHz

*VE3EDY 8,140

** Low Power*



N5AW at his operating station.

station of P40V. You can get a feel for the experience by watching Helmut's excellent video blog (see WPX Activity on the web). Rick, KI1G, continued his mastery of WPX and the Assisted category by dominating the competition in the USA.

One of the closest races was for world high on 15-meter single band assisted high power. Mark, W4SVO, operated as NS1L and got by George, 5B4KH, by just 0.5%. There was another competitive race on 75 meters between SN2M (operated by Mac, SP2XF) and Franco, I4AVG, at IQ4RA.

Things really tighten up on low power. Look at the 20-meter scores of KG1E and ZM3T—just 500 points apart for third place in the world. Niall, EI4CF, and Maxim, EN1C, had a spirited battle for tops on 40 meters. Niall was enjoying his new SteppIR DB36 antenna at 75 feet.

Single-Operator QRP

You have to admire the spirit and determination it takes to wade into heavy QRM with just 5 watts. It seems that Bill, W8QZA, does so every year with very good results. This year he visited TI5N to take the world high score for all bands. Gerard, F5BEG, did a very nice job from TM9K to finish second. Randy, NDØC, did a fantastic job to win the USA from his modest station in the propagation "black hole" of Minnesota.

Overlay Categories

We had 228 entries in the Rookie category (for operators who have been licensed less than three years). The entries are divided into high and low power. Oleg, RA3AKT, and Vito, S56AA, battled it out for the top spot in high power. The top two Rookies on low power were operating single band 10 meters with Fernando, CX1DP, coming out ahead of Fabio, PU8WWW. It is always great to see the Rookie operators improve their skills each year.

In the Tribander/Single-Element category, the top high power score went to Paul, N4PN, operating as NXØX from near Atlanta.

WPX Activity on the Web

In addition to the cqwpx.com website, there are other places on the Internet where you can enjoy the contest. Join the nearly 3000 people who have "liked" the contest on the Facebook fan page at <www.facebook.com/cqwpx>; follow the latest announcements on Twitter at <www.twitter.com/cqwpx>.

Many operators and groups like to share their contest experiences on YouTube. Visit <http://www.youtube.com> and type "CQ WPX 2012 SSB" into the search box.

We asked Facebook fans to recommend some videos and received the following suggestions:

EB8AH MULTI MULTI: <http://youtu.be/l_MzDkdRRxY>
DF7ZS at P41P: <http://youtu.be/pSkxQHEnzrI>
IY4FGM: <http://youtu.be/YuD_vPIunY0>
DP6T: <http://youtu.be/xZ18-IFdDeI>
PQ5B by 12-year-old PU5DCB: <http://youtu.be/eUnBUvkCxZ0>
EI4GYB: <http://youtu.be/jKFbyhms77M>
LN8W contest audio: <http://la8w.com/contestaudio/wpx-ssb-2012/>

CQ WW WPX SSB CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of March. The All-Time Records will be updated and published annually. Data following the calls: year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator

1.8	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	CN2R('11)	20,704,164	1443
28	PX5E('12)	17,785,368	1368
AB	CN2R('12)	27,280,992	1424
QRP/p	HC8A('94)	7,520,562	714
Assisted	P41P('12)	23,229,884	1303

Multi-Operator Single Transmitter

5D5A('12)		38,510,454	1601

Multi-Operator Two Transmitter

EB8AH('11)		68,072,520	1765

Multi-Operator Multi-Transmitter

EB8AH ('12)		76,018,024	1784

U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM('95)	327,712	308
3.5	K1UO('10)	2,161,782	602
7.0	WU3A/1('11)	4,731,424	796
14	KQ2M('09)	7,034,082	1082
21	KQ2M/1('11)	9,591,670	1210
28	NY4A('00)	6,006,573	877
AB	K1LZ('11)	15,921,388	1246
QRPp	KR2Q('00)	2,688,158	649
Assisted	KI1G('11)	13,075,616	1268

Multi-Operator Single Transmitter

WW2DX('12)		19,167,080	1373

Multi-Operator Two Transmitter

K1LZ('10)		30,393,480	1560

Multi-Operator Multi-Transmitter

KM3T('00)		29,338,460	1355

CLUB RECORD

Contest Club Finland ('00) 250,320,141

QRPp RECORD

HC8A('94) 7,520,562

WPX (Prefix) RECORD

DR1A('11) 1909

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	CN2R('11)	20,704,164	1443
28	D44AC('02)	15,707,401	1123
AB	CN2R('12)	27,280,992	1424

ASIA

1.8	*YMØT('05)	486,846	222
3.5	H2T('10)	3,067,296	534
7.0	5B/KC2TIZ('10)	6,761,872	754
14	P33W('10)	8,004,130	1030
21	JA6GCE('11)	7,055,664	996
28	H22H('00)	9,092,146	931
AB	UPØL('12)	18,541,055	1235

EUROPE

1.8	SN3R('07)	835,884	434
3.5	EI7M('10)	3,527,075	731
7.0	EI7M('11)	10,787,690	1054
14	TM77M('10)	8,271,768	1046
21	CS2C('11)	9,479,430	1245
28	GM7V('00)	8,305,756	982
AB	E7DX('11)	20,438,120	1322

NORTH AMERICA

1.8	VA1A('99)	535,225	271
3.5	ZF1A('08)	2,269,344	462
7.0	TI4CF('05)	8,057,479	751
14	KP2A('95)	7,088,976	912
21	VP2EH('11)	14,899,185	1305
28	KP2A('00)	11,385,710	1046
AB	8P5A('12)	24,809,505	1385

OCEANIA

1.8	KH6ND('07)	26,432	59
3.5	WH7Z('03)	1,208,900	308
7.0	ZL3A('08)	8,200,800	816
14	KH6ND('03)	6,493,727	887
21	AH7DX('00)	7,645,990	890
28	TXØDX('00)	12,049,422	847
AB	KH7X('11)	20,676,524	1244

SOUTH AMERICA

1.8	HK1KYR('10)	44,814	77
3.5	P4ØA('96)	1,715,076	426
7.0	HK1T('12)	14,512,230	1062
14	HK1X('11)	13,783,532	12599
21	ZX5J('10)	16,746,977	1369
28	PX5E('12)	17,785,368	1368
AB	HC8A('01)	25,180,199	1199

MULTI-OPERATOR SINGLE TRANSMITTER

AF	5D5A('12)	38,510,454	1601
AS	P33W('12)	37,798,352	1556
EU	TM6M('11)	28,016,921	1541
NA	VP2EC('92)	24,409,580	1115
OC	KH7X('12)	19,038,120	1180
SA	HC8A('93)	32,502,677	1107

MULTI-OPERATOR TWO TRANSMITTER

AF	EB8AH('11)	68,072,520	1765
AS	A61AJ('04)	30,157,650	1255
EU	EI100T('12)	33,721,072	1616
NA	K1LZ('10)	30,393,480	1560
OC	VK4KW('11)	26,528,482	1369
SA	PJ4Z('12)	57,741,867	1641

MULTI-OPERATOR MULTI-TRANSMITTER

AF	EB8AH('12)	76,018,024	1784
AS	P3A('00)	53,554,592	1456
EU	DR1A('11)	63,397,890	1909
NA	WL7E('00)	42,013,215	1395
OC	KH7R('02)	32,806,032	1304
SA	HC8N('03)	60,703,452	1476

Jojo, DU1VHY, watches over Art, DV1SOV, and Rey, DV1SUT, as they make their first contest QSOs from DU1HR.

Helmut, DF7SZ (left), and Carl, AI6V/P49V, are showing the spirit of ham radio contesters worldwide.

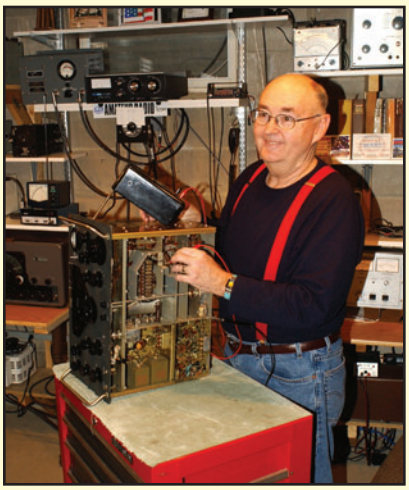
Both Paul and Igor, RT4RO, managed over 3200 contacts with simple antennas. On low power it was Holger, ZL3IO, taking the t op spot.

Multi-Operator

The Multi-Operator Single-Transmitter category continues to grow, with 249 entries, and this year offered one of the most exciting races. The team at P33W has developed a very sophisticated switching scheme that allows multiple stations to share the same band without transmitting at the same time. They are very effective at weaving running QSOs and searching for QSOs at the same time. The two-operator team at 5D5A in Morocco pursued a more traditional operating style. P33W was way ahead at the halfway point, but it was extra 6-point contacts on 40 meters that ultimately earned the victory for 5D5A. 5D5A also had the extra satisfaction of taking the all-time record from P33W! RL3A had the highest score that wasn't from Africa or Asia. The WW2DX team in eastern New York completely demolished the USA record set in 2011.

The winning team in the Two-Transmitter category was PJ4Z in Bonaire. You can hear what a great signal this station has by searching for PJ4Z on YouTube and listening to some of the recordings!

On the Cover



Snowy Minnesota winters will soon be a thing of the past for Mike Warren, WØWG, of Eden Prairie. Since the passing of his wife last fall, Mike has decided to begin selling off his extensive collection of "boat-anchors"—heavy tube-type radios from the mid-20th century—and prepare to move to Virginia to be closer to his daughter. Mike has lived in Minnesota since 1979, where he moved to begin a second career with Control Data after spending 20 years in the Navy repairing radios and other electronic gear and becoming a repair instructor for cryptography equipment. At Control Data Mike was a repair depot manager until his retirement at the end of 2000.

Repairing, restoring, and operating "boat-anchors" has been a longtime passion for Mike, who has kept his soldering gun warm even after retirement, working on old tube gear for himself and his friends. He keeps some of the old gear on the air, working locals on 75 meters most mornings and running AM phone on weekends. Most of Mike's on-the-air time, though, is devoted to DXing, mostly using single sideband. He also enjoys interfacing modern rigs with computers for logging and spotting. Mike says he'd also like to learn more about remote station control but says he "hasn't quite gotten (his) arms around it yet."

In our cover photo, Mike is in his front yard and over his shoulder is his 38-foot tower with a Tennadyne T6 log-periodic for 20–10 meters on the top, as well an off-center-fed dipole for both 80 and 40 meters. Anyone interested in knowing more about Mike's boat-anchor collection can find his contact information on his page on QRZ.com. *(Cover photo by Larry Mulvehill, WB2ZPI)*

The operating team of world high Multi-Multi entry EB8AH. Left to right: ES2RR Toivo; EA8EW (OH1MA) Jakko; EA8AH Pekka; EA8CAC Juan; ES5RW Rein; OH6DX Jusy Pekka; IK1HJS Carlo; EA8ZS Manolo; ES7GM Kristjan; and EA5DY Salva.

Anibal, 5K3R, operated single band 15 meters low power.

The group at EI100T set a new European record score.

The highest score in the history of the contest was accomplished by EB8AH in the Multi-Multi category. Over 11,000 QSOs and a final score over 76-million points will be hard to beat. DR1A outscored the other challengers from Europe. The third-place finish by LP1H was also very impressive, being so far from the major contesting population centers.

Final Thoughts

One interesting score was the single operator all band effort of CQ8X by Toni, OH2UA/CU2KI. Toni worked over 4300 contacts and 1200 prefixes from the Azores, but he did it from 4500 kilometers away while watching the Northern Lights outside of his operating position in Finland!

This is one of the top contest efforts ever using a remote station. It should be noted that regulations covering remote operation vary from country to country. The WPX accepts remote scores based on the location of the station. Please be sure that your operation meets the local regulations and the rules of the contest.

Once again there were plenty of comments about poor signals and splatter. One of the biggest threats to the health and future of contesting is the disrespect shown by certain high-power stations that do not follow the doctrine of fair play. Please use peer pressure to help these operators see how they are hurting our sport.

It takes a team to compile the results of so many logs. We could not have done it without the software development efforts of Ken, K1EA. The 48 paper logs received by mail were converted into Cabrillo format by AL1G, EA4KD, K1PX, K2DSL, K8PO, KN3A, N1XS, N2ZN, VA3UG, and W2JU. Log checking help was provided by Jim, WI9WI. Thanks to Barry, W5GN, for printing and mailing the nearly 1900 certificates that were earned. Doug, K1DG, coordinates the plaque sponsors and distribution.

The 2013 WPX SSB Contest will be held on March 30 and 31. The log deadline is now only **five days** after the contest, on **April 6**. Please read the rules carefully, as there are some changes. Rules can be found in the February issue of *CQ*, on the CQ website <www.cq-amateur-radio.com>, and on the CQ WPX Contest website <www.cqwpx.com>. Hoping to see everyone again in 2013! 73, Randy, K5ZD

(Continued on page 101)

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, and Prefixes. An asterisk (*) before a call indicates low power. Certificate winners are listed in boldface. (Note that the country names and groupings reflect the DXCC list at the time of the contest.)

2012 WPX SSB RESULTS
SINGLE OPERATOR
NORTH AMERICA

United States

K1LZ	**A**	**10,083,368**	**3077**	**1084**
				(OP: N8BO)
AJ1I	"	8,971,605	3225	1033
				(OP: K8PO)
KQ2M/1	"	6,865,738	2579	1042
NN1N	"	2,709,956	1474	769
WV1H	"	1,218,360	879	520
K1QS	"	920,200	668	430
K1ZR	"	806,061	616	417
AD1DX	"	759,647	715	419
K1LTJ	"	653,130	653	410
WX7T/1	"	401,600	433	320
				(OP: K1RM)
N1GLT	"	196,880	291	230
WW1WW	"	187,369	265	203
AA1O	"	170,688	294	224
WA2HIP/1	"	165,243	310	223
N1KWF	"	154,155	296	239
N1AGE	"	131,652	260	207
WJ1R	"	67,728	159	136
KB1MCK	"	59,080	171	140
AB1OC	"	31,770	105	90
K1YSY	"	22,659	91	83
W1WWW	"	2,800	35	35
K1WHS	**28**	**147,552**	**285**	**212**
KK1KW	**7**	**2,407,000**	**1381**	**664**
K1HAP	**1.8**	**6,765**	**71**	**55**
***NV1N**	**A**	**5,451,950**	**2201**	**925**
				(OP: N1UR)
*W1MA	"	692,580	634	420
*AB1OD	"	507,676	522	338
*WA1DRQ	"	392,768	469	323
*W1KMA	"	294,792	391	284
*KA1EKR	"	198,660	308	220
*KB1UUB	"	148,941	269	201
*KB1FRK	"	123,344	256	208
*KB1NHV	"	115,432	239	188
*KG1V	"	70,668	194	156
*W1CRK	"	67,932	174	153
*W1MHZ	"	63,591	168	141
*NF1L	"	47,972	158	134
*K1VU	"	41,697	125	113
*AB1QP	"	19,623	96	93
*W1MSN	"	14,948	77	74
*KE1CY	"	8,835	64	57
*KA2RVO/1	"	7,884	58	54
*K1AIR	"	5,950	50	50
*KA1C	"	5,928	58	52
*NE1RD	"	5,922	52	47
*N7FYO/1	"	4,400	44	40
*N1NN	"	2,490	30	30
*KB1WRH	"	1,320	22	20
*AB1NG	"	1,311	26	23
*KB1REQ	"	574	14	14
*W1KF	"	495	15	15
***KK1X**	**28**	**7,956**	**57**	**51**
*KB1WUO	"	950	19	19
***N1WRK**	**21**	**44,928**	**135**	**128**
*KA1RFD	"	2,070	30	30
***K1YM**	**14**	**198**	**9**	**9**
***W1DYJ**	**7**	**37,026**	**102**	**102**
*NU1H	"	1,848	23	22
N2RJ	**A**	**4,578,648**	**1744**	**852**
WS9M/2	"	470,736	556	336
N2NC	"	420,540	457	326
K2FJ	"	314,395	445	277
K2NV	"	310,964	388	269
K2JMY	"	260,428	403	284
WF2B	"	207,207	325	253
				(OP: N1EU)
KM2O	"	131,904	269	192
KX2X	"	105,040	279	208
K2BBQ	"	94,710	210	165
KC2LST	"	45,375	136	125
K2MK	"	30,690	109	99
KC2ZPK	"	18,879	98	87
KJ2P	"	13,703	76	71
KC2KZJ	"	12,871	66	61
WB2TPS	"	3,885	37	35
W2BSN	"	380	10	10
KA2LIM	**28**	**62,061**	**204**	**151**
N2NT	**21**	**184,576**	**283**	**224**
N2MM	**14**	**1,863,626**	**1280**	**734**
K2MFW	"	101,144	199	188
WO2Y	"	66,682	159	154
WN2O	**7**	**204,294**	**341**	**237**
				(OP: N2GC)
***KU2M**	**A**	**4,318,160**	**1974**	**880**
*WA2JQK	"	1,237,504	905	512
*NW2K	"	758,961	818	441
*K2GV	"	470,400	451	320
*AB2TC	"	301,126	388	274
*K2SZ	"	275,070	356	265
*WA1FXK/2	"	267,582	396	277
*KX2S	"	225,852	330	236
*KV2R	"	162,396	285	234
*N2DD	"	109,890	252	198
*N2MTG	"	102,102	235	182
*KB2YAN	"	93,656	245	184
*N2JBA	"	93,537	214	171
*KC2QJB	"	82,832	208	167
*K2PH	"	69,376	176	128
*WB2ZEX	"	65,637	173	143
*AD2TM	"	63,700	161	140
*WB2PJH	"	60,630	158	129
*KC2PJH	"	60,300	179	150
*W2VU	"	48,256	149	128
*WZ2L	"	38,250	166	125
*N2BEG	"	34,374	118	102
*W2DZ	"	30,528	130	106
*KC2WUF	"	28,420	115	98
*WA2NLL	"	28,152	106	102
*W2MRD	"	27,456	113	96
*W3EH/2	"	26,910	105	90
*KC2BEZ	"	24,932	106	92
*KT2G	"	22,784	100	89
*N2PQJ	"	22,659	99	91
*WY1H/2	"	21,476	103	91
*N2GXJ	"	15,876	86	81
*N2NFU	"	11,505	68	65
*N2JJ	"	9,792	67	64
*AB2IO	"	5,428	48	46
*K2JF	"	1,652	28	28
*KG9NZ/2	"	304	17	16
***W2GB**	**28**	**121,987**	**251**	**199**
*N2SLO	"	26,877	111	93
*W2TF	"	14,348	82	68
*KA3ZHM/2	"	7,800	58	50
*W2UIS	"	2	1	1
***KC2JRQ**	**21**	**4,200**	**42**	**42**
***K2HVE**	**14**	**23,520**	**102**	**96**
***KC2YXU**	**7**	**616**	**14**	**14**
K3ZO	**A**	**7,258,410**	**2479**	**1030**
N3UM	"	1,285,165	818	503
K1DQV/3	"	302,761	408	277
WA3SRU	"	253,825	366	275
K4JLD/3	"	238,592	346	256
W3UL	"	233,934	357	254
KW3A	"	209,076	431	266
W2BZR/3	"	204,984	314	219
NA3M	"	130,698	199	159
N3PPH	"	109,620	229	174
K3MRG	"	87,696	189	144
W3GNQ	"	85,671	200	171
K3RMB	"	70,924	190	149
N3IYX	"	61,073	185	157
N3XUD	"	53,448	152	131
KB3TAW	"	21,840	94	80
KB3JQQ	**28**	**3,955**	**41**	**35**
N2HR/3	**7**	**127,038**	**261**	**186**
W3BGN	**3.7**	**808,920**	**708**	**420**
***WB3FIZ**	**A**	**1,538,115**	**1032**	**615**
*KD3HN	"	743,785	656	395
*KB3WD	"	593,850	553	370
*N8NA/3	"	592,602	579	349
*K3CWF	"	227,328	345	256
*N3QXC	"	139,680	303	194
*ND3R	"	109,928	217	182
*WB3DEL	"	100,467	229	183
*K2LNS/3	"	58,692	165	146
*KB4MIS/3	"	54,708	167	141
*W3MTP	"	35,305	128	115
*WA3ERQ	"	27,744	114	102
*KB3RKM	"	13,845	70	65
*N3JNX	"	12,141	82	71
*KB3SJS	"	10,800	65	60
*NE3K	"	9,548	65	62
*W3MGL	"	5,888	51	46
*K3VED	"	5,580	48	45
*W3RLO	"	4,620	43	42
*N8HM/3	"	3,800	42	38
*AB3OB	"	1,820	26	26
*KB3GJT	"	36	6	6
***KR1ST/3**	**28**	**37,842**	**134**	**106**
*WA2VQV/3	"	96	6	6
*KB3SQV	"	24	4	4
***KO3T**	**21**	**338,256**	**405**	**348**
***AI3G**	**7**	**14,820**	**93**	**78**
NXØX/4	**A**	**8,815,183**	**3230**	**1157**
				(OP: N4PN)
AD4Z	"	7,354,042	2892	1039
WZ4F	"	6,367,756	2595	1052
				(OP: K4AB)
WX4G	"	2,469,408	1243	696
K1TO/4	"	2,274,330	1208	705
WB2REM/4	"	1,608,420	1101	660
W4QN	"	1,427,456	887	544
AJ4RW	"	1,232,748	1150	566
N6AR/4	"	1,104,516	807	487
KU4V	"	1,057,815	919	495
W4KW	"	970,289	746	449
KA8Q/4	"	777,728	631	392
K5KG/4	"	673,872	669	417
WA4TII	"	620,400	592	376
NC4MI	"	601,125	588	375
N3ZV/4	"	558,441	532	387
N4WZ	"	502,360	598	380
NB4M	"	469,800	510	360
N4MM	"	360,612	419	324
AI4WU	"	338,624	439	286
WM2Z/4	"	327,978	572	342
NX9T/4	"	322,410	502	330
W4UT	"	298,016	414	278
W4JAM	"	290,199	364	273
KJ4LTA	"	248,676	368	276
KI4FIA	"	208,500	544	278
WA4GIF	"	192,192	300	231
W4JS	"	186,048	277	228
NR8O/4	"	168,084	298	207
KA4OTB	"	166,100	289	220
W4ATL	"	155,363	298	247
WA3OFC/4	"	147,586	226	218
W4VKU	"	141,316	228	196
NN4F	"	139,496	263	212
AI4WW	"	138,128	234	194
AJ4HW	"	134,136	261	207
WK4Y	"	126,352	271	212
W4MAY	"	114,399	202	171
NS4X	"	99,560	235	190
WY4Y	"	93,874	347	187
				(OP: NS3Q)
W4WEA	"	85,715	213	155
K7CS/4	"	59,492	174	139
AG4F	"	59,214	160	142
WB6NYR/4	"	48,360	142	124
KØSTP/4	"	45,924	167	129
NJ2F/4	"	45,136	134	124
K4GM	"	39,131	129	109
N4LZ	"	36,840	130	120
N4VAN	"	30,400	111	95
WW4DD	"	24,480	83	80
NA4C	"	23,496	104	89
N8BGJ/4	"	21,311	110	101
NY4O	"	19,680	89	82
N4WPJ	"	12,470	66	58
KK9O/4	"	10,640	76	70
K4JRG	"	9,500	55	50
W2YE/4	"	8,816	62	58
KW4G	"	5,450	53	50
W4OGG	"	4,950	47	45
K4BGV	"	1,265	23	23
K4DKE	"	132	6	6
WN1GIV/4	**28**	**903,378**	**919**	**471**
				(OP: N4BP)
KU8E/4	"	349,875	545	311
K4NV	"	174,300	423	210
K4RDU	"	53,317	163	131
KJ3X/4	**21**	**8,588,114**	**2985**	**1171**
				(OP: K4XS)
KV4T	"	2,361,895	1391	751
N2YO/4	14	5,875	47	47
K4JC	**3.7**	**10,764**	**55**	**52**
***NR3X/4**	**A**	**2,439,441**	**1517**	**711**
				(OP: N4YDU)
*N4XL	"	1,810,620	1244	630
*WB4OMM	"	813,906	701	439
*N2ESP/4	"	406,085	495	337
*K4DMR	"	379,200	478	320
*NA4EA	"	334,641	356	337
*KS4X	"	294,048	382	288
*K4NC	"	291,720	414	264
*AD4RE	"	260,496	386	268
*AJ4VE	"	241,965	347	283
*N4VDL	"	236,645	380	265
*W4GDG	"	234,300	352	275
*AK4PE	"	175,392	305	224
*KJ4KVC	"	173,304	383	249
*K4FJW	"	169,952	296	226
*NG4L	"	147,446	272	214
*KA1DBE/4	"	145,642	278	206
*W4BAB	"	142,688	271	208
*NY4JB	"	131,820	271	195
*N4JF	"	131,396	265	214
*K4FTO	"	123,977	246	199
*AC4YD	"	103,820	230	179
*N3TG/4	"	102,200	215	175
*KK4EDY	"	102,120	227	184
*WØQQG/4	"	101,061	228	171
*AI4UN	"	86,553	221	177
*KE4JB	"	85,842	212	171
*AF4DR	"	79,341	197	159
*KS4S	"	74,690	183	154
*K4CWA	"	71,610	199	154
*K4DMH	"	58,916	174	143
*NX9B/4	"	48,087	155	137
*KJ4KKD	"	46,208	162	128
*AK4EM	"	46,002	145	123
*NR4C	"	45,577	137	119
*WB4MNK	"	44,516	140	124
*AI4CO	"	37,632	136	112
*N1QEQ/4	"	34,299	117	103
*AI4SV	"	33,966	127	111
*KM4IK	"	33,550	133	110
*KJ4VTH	"	32,966	126	106
*W9DHD/4	"	31,827	111	103
*KR4RO	"	30,804	114	102
*K4FDP	"	29,835	99	85
*K3MZ/4	"	28,620	117	106
*AK4OD	"	26,433	100	89
*K4ORD	"	26,190	108	97
*K4GOP	"	25,688	119	104
*WO4R	"	23,814	105	98
*KB5EZ/4	"	23,808	110	93
*N4RWH	"	23,220	102	90
*N8OQ/4	"	23,205	113	91
*AK4NZ	"	23,023	97	91
*N5ALX/4	"	22,008	98	84
*N4LF	"	21,976	102	82
*N4FP	"	21,620	95	94
*NØRZT/4	"	19,844	100	82
*K4JTT	"	19,152	92	84
*KC4EZN	"	17,548	96	82
*KD4QMY	"	17,040	77	71
*W4PGM	"	16,683	92	83
*N4ZED	"	15,050	76	70
*KJ4SZL	"	14,625	82	75
*WF7T/4	"	14,282	80	74
*AA4LR	"	14,007	78	69
*N4DTF	"	13,312	71	64
*KK4LH	"	11,590	68	61
*NA3Z/4	"	9,918	61	58
*N4WD	"	9,794	67	59
*KG4USN	"	6,812	56	52
*KD4YDD	"	5,500	56	50
*AA4KD	"	5,264	54	47
*KC8YRK/4	"	4,770	50	45
*KI4YIK	"	4,452	58	53
*NE4L	"	3,999	49	43
*K4PAP	"	3,404	48	46
*W4JNC	"	3,069	35	31
*KK4HHO	"	2,673	36	33
*N4ERZ	"	2,464	31	28
*WA4PGM	"	1,971	31	27
*KJ4HDY	"	1,656	24	23
*K2CEM/4	"	1,590	31	30
*W4DKR	"	900	18	18
*KH6OU/W4	"	760	22	20
*KC4RSL	"	576	16	16
*K4TNO	"	528	16	16
*KD8IGK/4	"	272	10	8
*N4LKE	"	180	9	9
*AB3MO/4	"	152	8	8
***NA4W**	**28**	**219,089**	**459**	**247**
				(OP: K4WI)
*KV1P/4	"	2,465	29	29
*KD4MXA	"	476	18	17
*W4YTB	"	290	10	10
*KC4WQ	"	234	9	9
*KK4FYV	"	84	6	6
*KK4BSM	"	27	3	3
*KK4GGZ	"	12	2	2
***KM4HI**	**21**	**425,632**	**448**	**376**
*WA4AXT	"	173,990	288	254
*N4EK	"	28,032	103	96
*K4NVJ	"	14,874	75	74
*W4EEH	"	9,765	66	63
*WA2EAJ/4	"	5,616	50	48
***K4AMA**	**14**	**39,216**	**137**	**129**
*W4TTX	"	3,220	35	35
*AI4CN	"	760	19	19
*KØRRP/4	"	72	6	6
***KLØET/K4**	**7**	**7,168**	**62**	**56**
*K4OC	"	264	8	8
*KE1F/4	3.7	4	1	1
NN5J	**A**	**11,572,575**	**3272**	**1175**
				(OP: N5DX)
NR5M	"	10,396,944	3456	1174
WM5R	"	5,547,073	3051	973
W5WMU	"	4,030,812	2384	852
K5ER	"	1,916,940	1422	645
AD5XD	"	1,240,800	1168	528
AG5Z	"	990,720	924	512
W5GCX	"	977,856	752	463
NE5D	"	894,895	799	445
				(OP: K5RX)
AK5DX	"	688,727	840	403
AC4CA/5	"	620,084	607	398
K5LAD	"	432,140	479	340
WB5AAR	"	259,644	527	308
				(OP: N5RZ)
W5YH	"	257,477	409	263
K5GKC	"	255,136	453	272
K5ZCJ	"	210,691	337	247
N5VU	"	156,668	278	212
AA5B	"	155,763	404	243
K5PO	"	59,496	174	148
W5RAW	"	59,040	192	144
WA5LFD	"	46,115	141	115
N5FO	"	33,063	108	107
WB5C	"	22,692	120	93
W5THT	"	22,088	98	88
K8TE/5	"	19,404	94	84
W5JNP	"	2,590	42	37
KZ5MM	**28**	**801,784**	**933**	**424**
				(OP: W5PR)
WS5H	"	57,792	168	129
N5BLY	"	16,650	90	75
N5MV	**21**	**1,506,075**	**1341**	**645**
KZ5J	"	724,710	769	493
ND5T	"	328,650	565	350
***N5DO**	**A**	**2,194,320**	**1508**	**669**
*N5CLK	"	424,764	574	342
*WI5ID	"	408,120	507	358
				(OP: K5IID)
*K5DHY	"	334,585	438	305
*NT5V	"	328,302	390	299
*NW5Q	"	218,078	403	259
*KF5IXE	"	210,627	456	261
*AF5Q	"	188,594	517	266
*N4IJ/5	"	140,128	281	232
*K7RB/5	"	96,642	260	182
*N9RO/5	"	96,500	261	193
*KB5YEG	"	93,480	213	190
*AF5CC	"	64,239	198	161
*NT5SM	"	61,770	177	142
*K5HEM	"	58,400	187	146
*KC5FP	"	55,096	166	142
*NU5DE	"	40,040	130	130
*NN5T	"	28,179	109	101
*KE5OG	"	27,246	130	114
*AC5T	"	17,706	89	78
*WB5LAI	"	16,896	99	88
*AE5ZD	"	13,860	82	70
*KB5DRJ	"	10,065	69	61
*W8DM/5	"	6,630	54	51
*AE5MM	"	6,318	59	54
*KM5Z	"	5,406	54	53
*KØMBC/5	"	1,175	25	25
*KI4ZDR/5	"	252	15	14
*W5TJS	"	36	4	4
*W5OV	"	21	3	3
***KE5SNJ**	**28**	**16,344**	**85**	**72**
*N5UWY	"	1,428	23	21
*K5MBA	"	70	5	5
***N5DTT**	**21**	**94,272**	**202**	**192**
*N5IF	"	1,782	36	33
***NN5Z**	**14**	**331,653**	**533**	**357**
				(OP: K5PX)
*KV5Q	"	31,800	135	120
*N9WL/5	"	25,942	121	109
*W5CSM	"	18,511	120	107
*NK5G	"	5,600	61	56
NF6A	**A**	**5,607,280**	**2278**	**868**
				(OP: K6XX @K6XX)
W6TK	"	3,302,784	1855	752
AA6PW	"	3,262,680	2028	760
K6TU	"	2,117,016	1287	594
WA6KHK	"	1,271,820	1026	564
K5OA/6	"	1,109,544	925	498
WO6M	"	632,940	701	420
AB1U/6	"	353,904	478	303
				(OP: W6RKC)
K6JAT	"	228,330	395	258
N6ETO	"	217,377	329	249
K6GEP	"	212,300	334	275
WT6H	"	212,052	358	246
KT6VV	"	184,080	331	240
K6ATZ	"	138,600	261	200
KJ6HBY	"	121,290	287	195
W6CWM	"	99,624	213	168
WA6PY	"	91,845	216	157
AF6WF	"	86,013	232	171
KF6JG	"	83,316	231	159
KB6A	"	78,546	220	159
WA6KEK	"	61,116	192	132
WA6URY	"	51,221	157	131
W6FB	"	48,990	166	142
KY6LA	"	40,136	146	116
AA6WH	"	32,780	131	110
K6DGW	"	22,578	125	106
NN6NN	"	21,070	98	98
				(OP: W6XK)
N6AA	"	17,582	77	59
N6AN	"	555	16	15
KQ6ES	**28**	**89,776**	**291**	**181**
W6AFA	**21**	**1,196,893**	**920**	**587**
NO6F	"	90,630	253	190
				(OP: K2RD)
K6HNZ	**14**	**1,259,180**	**1265**	**580**
***NX6T**	**A**	**1,920,810**	**1403**	**645**
				(OP: K6AM)
*WN6K	"	1,277,679	1218	543
*NN3V/6	"	1,029,936	856	499
*W6UX	"	842,175	852	475
*NN6CH	"	780,270	820	465
*AA6K	"	657,360	606	415
*NN6DX	"	495,132	578	372
				(OP: W1PR)
*K6BF	"	314,721	453	289
*KE6SHL	"	239,166	407	258
*W6KAP	"	237,446	401	251
*W6RFF	"	96,654	211	181
*NJ6G	"	75,492	228	162
*KQ6X	"	66,303	209	139
*N6VOH	"	53,613	224	161
*AD6LV	"	45,981	167	131
*W6RGS	"	38,695	143	109
*N6ENO	"	35,088	158	129
*WB6BET	"	32,877	154	117
*KM6I	"	31,408	134	104
*N6ZE	"	29,920	126	110
*K6CSL	"	27,063	118	97
*WV6N	"	24,843	106	91
*KE6MRG	"	23,478	111	91
*KI6YYT	"	23,358	124	102
*KK6TV	"	21,855	98	93
*AA6EE	"	18,920	106	88
*KJ6RQT	"	16,168	105	86
*KE6TIM	"	13,090	98	70
*K6MSM	"	7,579	57	53
*N7FZY/6	"	7,238	56	47
*KW6JIM	"	6,758	69	62
*AJ6B	"	6,588	67	61
*KF6ZYD	"	4,830	53	46
*N6OU	"	4,796	49	44
*AE6XC	"	4,136	49	44
*WA6GFR	"	3,738	43	42
*AG6KA	"	1,675	27	25
*N6AJR	"	646	18	17
*AG6HE	"	441	21	21
*KD6NOF	"	324	12	12
***KJ6MQM**	**28**	**2,856**	**36**	**34**
*N6OIL	"	1,127	23	23
*K6VHF	"	798	21	21
*NO6E	"	518	15	14
*AF6GQ	"	110	10	10
***K6GHA**	**21**	**235,340**	**357**	**287**
*K7XE/6	"	71,786	181	143
*AE6YB	"	36,704	145	124
*N6BHX	"	9,408	76	64
*KK6BJ	"	276	12	12
***W6ONV**	**14**	**2,772**	**48**	**42**
*KK6L	"	308	11	11
***KU6T**	**7**	**8,584**	**62**	**58**
KW7Y	**A**	**9,734,296**	**3337**	**1144**
				(OP: K7RL)
WS7X	"	2,776,320	2127	768
KZ7X	"	1,375,776	1363	612
				(OP: W7WW)
NX1P/7	"	1,353,420	1060	515
KE2VB/7	"	1,288,662	1187	541
KZ1W/7	"	968,760	903	460
K7JQ	"	921,516	990	492
NR7DX	"	731,120	732	481
				(OP: K7ABV)
KF7GNI	"	514,040	648	355
KT7E	"	471,686	620	362
W7PU	"	438,195	792	393
KO7X	"	388,170	599	342
AC7GP	"	368,382	497	358
WU6W/7	"	314,847	506	299
WR5G/7	"	256,956	377	276
N9RV/7	"	200,600	390	200
NA2U/7	"	160,537	325	233
KR2E/7	"	147,744	291	228
WD7K	"	134,640	242	204
WA7PRC	"	129,690	280	198
K7AR	"	111,320	211	184
W7ON	"	106,860	262	195
W7FD	"	104,448	241	192
WM7Z	"	102,466	257	182
KJ7NL	"	99,792	233	198
WW7D	"	77,274	211	162
N7IX	"	73,260	170	148
KC7V	"	70,192	203	164
KI7Y	"	68,832	197	144
W4LSC/7	"	65,270	159	122
WG7X	"	64,242	212	166
KI7DG	"	63,360	192	165
WB7BBQ	"	55,160	164	140
KR7DX	"	49,478	188	143
AD7VB	"	49,284	186	148
K7MY	"	44,732	119	106
NF7E	"	36,654	148	123
K7XV	"	27,264	112	96
NI7R	"	26,312	107	92
W7LOY	"	23,112	124	107
W7WOF	"	21,800	119	100
WF4U/7	"	15,801	73	69
W7MCM	"	10,850	66	62
K7XC	"	9,720	59	54
K2AVI/7	"	8,910	73	66
W7VS	"	18	2	2
N7AT	**21**	**2,138,904**	**1540**	**732**
				(OP: WA7NWL)
WA7LT	"	1,570,110	1230	597
K7RF	"	280,761	392	299
KI7N	"	5,782	53	49
W6ZQ/7	"	840	21	20
AD7J	**7**	**82,232**	**166**	**152**
				(OP: W7FP)
***AD7JP**	**A**	**3,114,840**	**1836**	**771**
				(OP: K2PO)
*N7ZG	"	1,656,666	1093	594
*W7FYW	"	499,995	578	369
*KK7AC	"	409,895	591	365
*NK7L	"	384,130	575	359
*N7MZW	"	379,088	691	344
*N7VPN	"	305,350	422	310
*WØPAN/7	"	257,040	477	270
*W2AJW/7	"	228,942	433	237
*WAØWWW/7	"	199,836	345	252
*K7HBN	"	197,620	298	241
*K7HP	"	167,134	309	214
*K6LON/7	"	141,267	304	217
*N7VS	"	136,116	275	199
*N7IR	"	127,800	239	200
*N7VEA	"	102,440	254	197
*W8BFX/7	"	100,648	218	184
*N7ESU	"	80,196	206	163
*KD7PCE	"	78,200	221	170
*W7QN	"	77,792	231	176
*KF7DYX	"	71,200	222	160
*KF7IUH	"	65,312	203	157
*KAØADZ/7	"	56,316	219	156
*AD7T	"	47,940	170	141
*KE7RPR	"	45,260	160	124
*AD7UP	"	42,210	141	126
*KG5EN/7	"	39,490	143	110
*W7RV	"	30,636	104	92
*KE7UQL	"	25,530	124	111
*W7DXW	"	24,816	107	94
*N3QQ/7	"	22,542	115	102
*KD7IBE	"	21,203	121	91
*KB6BYU/7	"	17,664	118	96
*K7JKM	"	13,800	88	75
*K9DR/7	"	12,480	74	60
*AF7O	"	10,395	87	77
*KF7KXV	"	9,288	76	72
*K7TR	"	7,800	60	50
*WA7SHP	"	7,506	67	54
*KD7MSC	"	7,482	63	58
*W7YAQ	"	5,461	47	43
*WX7SJ	"	4,940	54	52
*K7ZG	"	4,841	50	47
*WA7LNW	"	3,663	39	37
*W7YVK	"	3,567	46	41
*KC7RPO	"	3,306	39	38
*KM6TJ/7	"	2,880	40	36
*KX6X/7	"	2,739	35	33
*KG7P	"	2,278	45	34
*W7JSD	"	2,166	46	38
*N7AME	"	1,800	31	30
*KF7BBV	"	1,798	32	31
*KF7SKB	"	350	14	14

*KD7HXN	"	216	12	12
*KU7Y	"	27	3	3
K7ULS	**28**	**82,160**	**228**	**158**
*N7BK	"	17,301	89	73
*WN7Y	"	1,281	22	21
N7FLT	**21**	**152,558**	**270**	**238**
*W7UPF	"	68,716	175	164
*K7BX	"	26,768	124	112
*N7RXL	"	1,920	30	30
*W7JFF	"	1,155	21	21
KD7JS	**14**	**152**	**8**	**8**
KB7QND	**3.7**	**12,382**	**130**	**82**
WO8CC	**A**	**3,459,324**	**1847**	**803**
			(OP: N8BJQ)	
K8WT	"	1,477,965	1043	555
WD8EOL	"	902,176	794	484
ND8L	"	874,144	708	463
N8IVE	"	389,532	430	286
W8JRK	"	253,092	371	262
W8QGP	"	169,689	297	229
KC8RPV	"	128,330	243	205
N8MSA	"	108,780	198	185
WA8TM	"	63,048	166	148
K8BZ	"	39,078	131	117
K8VE	"	38,500	121	110
AL7BA/W8	"	22,500	108	100
NB8I	"	1,988	29	28
W8LIG	"	1,275	26	25
KC8ZMN	**21**	**181,248**	**292**	**256**
KD8SQ	**14**	**92,500**	**202**	**185**
W8JMF	**3.7**	**11,232**	**49**	**48**
***WB8TLI**	**A**	**1,317,942**	**891**	**531**
*NA8V	"	1,191,768	934	508
*KE8UN	"	681,548	655	404
*KB8UUZ	"	470,054	541	358
*AC8GX	"	435,400	539	350
*K8PGJ	"	421,824	501	312
*N8BV	"	403,820	532	331
*WS6K/8	"	338,034	484	318
*KD8NOH	"	314,032	413	304
*WA8FRE	"	270,535	428	305
*W8ASA	"	194,040	339	245
*N8SBE	"	175,017	305	227
*AC8JF	"	151,748	289	236
*KB8KE	"	151,200	276	216
*KF8BT	"	139,598	309	223
*KD8OSD	"	116,090	246	190
*W8GOC	"	110,188	204	163
*N8HAM	"	104,517	227	189
*W8KNO	"	93,617	235	179
*WJ8E	"	82,668	192	166
*K8VUS	"	63,248	164	134
*AA8N	"	52,003	159	133
*W8IDM	"	50,250	155	134
*KE8UM	"	46,750	141	125
*WB8TQZ	"	43,942	143	127
*K8CR	"	43,065	160	135
*KD8HHG	"	30,906	111	101
*KB8UHN	"	27,824	110	94
*KA8NJW	"	26,182	125	106
*NR8R	"	26,051	123	109
*WA8SDF	"	24,104	98	92
*N8NX	"	23,660	96	91
*KE8FO	"	17,052	90	84
*N8YFQ	"	14,184	74	72
*WT8E	"	13,760	85	80
*WB8WNV	"	13,505	80	73
*NA8Y	"	12,629	77	73
*WC8Z	"	11,084	80	68
*K8JTD	"	9,362	69	62
*KD8RKJ	"	9,027	61	59
*K8ANM	"	8,892	61	57
*NT8Z	"	8,788	55	52
*N8WS	"	6,555	60	57
*KC8UNR	"	3,952	39	38
*W8KH	"	3,311	46	43
*NF8M	"	2,958	36	34
*KK4CIS/8	"	2,812	42	38
*KD8JAM	"	1,166	22	22
***N8CN**	**28**	**46,566**	**152**	**117**
*KB8YSX	"	2,640	33	33
*W6AMD/8	"	406	14	14
***NF8J**	**21**	**221,680**	**297**	**272**
*KG9Z/8	"	97,427	203	187
*KJ8O	"	35,046	126	118
***AF8C**	**14**	**14,399**	**83**	**77**
*KC8R	"	4,100	43	41
*N8SGD	"	144	9	9
***NR8U**	**7**	**71,300**	**181**	**155**
AC9S	**A**	**1,531,455**	**1107**	**579**
W9KXQ	"	456,488	532	344
WS9H	"	238,750	354	250
			(OP: W9TC)	
NQ9A	"	221,805	328	265
WI9WI	"	198,220	356	265
KR9E	"	155,445	325	215
W9GT	"	131,670	245	198
W9OA	"	85,500	182	171
K9DXL	"	85,320	231	180
N9OK	"	44,604	146	118
K9QC	"	22,090	94	94
W9WLX	"	19,976	111	88
KG9N	"	14,212	114	76
WB9B	"	4,773	45	37
N9LIS	"	2,695	35	35
K9CT	**21**	**3,228,472**	**1597**	**839**
AJ9C	"	114,086	236	203
W9GL	"	25,298	94	91
KD9MS	**14**	**2,520**	**31**	**30**
KX9DX	**7**	**48,069**	**231**	**147**
***KS9K**	**A**	**1,524,646**	**1039**	**542**
			(OP: N4TZ)	
*KB9OWD	"	978,112	1077	493
*K9QVB	"	898,840	739	460
*W9QL	"	408,156	516	339
*K9JE	"	332,280	432	312
*W9JA	"	153,201	279	223
*NV9X	"	130,764	252	204
*N9LYE	"	117,018	250	198
*W9MO	"	105,700	236	175
*N9VPV	"	93,438	220	174
*K9IAC	"	83,166	203	166
*WX9EP	"	67,098	206	159
*KB9RDS	"	65,858	188	149
*K9AMP	"	52,662	161	134
*WB9LRK	"	36,076	133	116
*WR9Y	"	30,360	126	115
*K9WWT	"	25,935	121	105
*KC9DOA	"	21,714	106	94
*K9XB	"	21,696	105	96
*KC9QOJ	"	9,891	69	63
*KA9CLP	"	9,796	69	62
*KC9OYE	"	9,100	75	70
*K9PMV	"	7,920	53	48
*W9SWT	"	5,535	45	41
*K9TCD	"	3,672	36	36
*KC9VGG	"	975	28	25
*N9IFG	"	208	14	13
***KC9TQR**	**28**	**4,368**	**44**	**39**
*W9YB	"	4,368	44	42
			(OP: KC9UWQ)	
*KG9HM	"	126	11	9
***K9PY**	**21**	**48,910**	**145**	**134**
***W9EBK**	**14**	**19,082**	**105**	**94**
*N9WI	"	13,968	73	72
*KC9CDW	"	2,077	31	31
***WO9S**	**7**	**4,352**	**34**	**34**
KU1CW/Ø	**A**	**8,764,784**	**3120**	**1112**
KGØF	"	7,530,886	2885	1067
			(OP: WØUA)	
ACØB	"	2,056,788	1636	684
			(OP: NXØX)	
NAØCW	"	1,546,745	1136	587
KDØFW	"	1,476,034	1147	589
WAØJZK	"	388,752	513	312
NCØB	"	301,938	389	294
NØHTV	"	125,028	266	207
KCØVTJ	"	100,890	235	177
KØAP	"	81,015	190	165
AAØA	"	63,600	193	159
KØSIX	"	49,980	159	140
WAØVPJ	"	27,071	117	107
WØRIC	"	14,271	70	67
WØBH	"	9,453	112	69
KØVG	"	6,664	60	56
NAØBR	"	6,325	57	55
KDØCVO	"	4,520	41	40
WØDHB	**28**	**3,007**	**33**	**31**
NØSMX	**21**	**52,334**	**143**	**137**
NØZC	**14**	**5,724**	**57**	**54**
NYØT	**7**	**22,841**	**93**	**91**
***WIØWA**	**A**	**1,284,792**	**1084**	**564**
		(OP: WØEWD @WØEWD)		
*WBØTSR	"	491,538	587	366
*WBØLJK	"	224,460	422	258
*KA8HDE/Ø	"	208,236	417	268
*WØOVM	"	207,315	322	255
*KØVVX	"	180,792	395	243
*WAØLJM	"	167,040	304	240
*WØGN	"	166,972	312	247
*KKØSD	"	166,105	299	239
*KØBAM	"	134,922	289	226
*NR9A/Ø	"	133,980	272	203
*KIØI	"	128,702	300	203
*WØTUP	"	102,800	253	200
*NNØQ	"	86,730	246	177
*KTØA	"	73,032	223	179
*NØGOS	"	66,810	226	170
*KØNEB	"	66,220	171	154
*KIØJ	"	52,000	144	125
*WØZF	"	40,095	138	135
*KOØZ	"	39,195	134	117
*KDØKIM	"	24,274	122	106
*KRØL	"	22,533	134	111
*KØUK	"	20,418	96	83
*WØNFS	"	17,472	92	84
*WDØT	"	14,337	91	81
*NØUJT	"	12,087	87	79
*WA5SWN/Ø	"	11,242	76	73
*NØAX	"	9,856	68	64
*AEØAR	"	9,842	90	74
*ADØH	"	8,684	64	52
*KØLDS	"	5,130	46	45
*NØAJN	"	4,312	44	44
*KDØKQS	"	4,095	46	45
*NO2D/Ø	"	2,849	41	37
*WØJEC	"	2,720	34	34
*KDØCVZ	"	2,613	40	39
*NØWY	"	2,432	40	38
*KDØOYR	"	2,400	33	32
*KØANS	"	946	22	22
*KFØF	"	840	28	28
*NØØI	"	45	5	5
***WØPPF**	**14**	**26,100**	**129**	**116**
*KDØNEL	"	20,453	154	113
*KDØBKH	"	1,566	31	29
***KØLAF**	**7**	**24,738**	**99**	**93**
*N9HDE/Ø	"	4,512	59	48
*KCØRQH	"	462	14	14
*WØRO	"	36	4	4
Alaska				
AL1G	**A**	**1,082,052**	**1015**	**466**
AL7KZ	"	296,442	386	258
KL5DX	"	107,604	276	183
			(OP: KL7SB)	
***KL3HM**	**A**	**3,432**	**37**	**33**
Barbados				
8P5A	**A**	**24,809,505**	**6245**	**1385**
			(OP: W2SC)	
***8P6NW**	**A**	**119,119**	**239**	**187**
Canada				
VY2ZM	**A**	**18,863,406**	**4467**	**1238**
			(OP: K1ZM)	
VY2/K5WA	"	11,796,912	3167	1037
VE9AA	"	1,298,286	864	498
VO1KVT	"	993,884	748	482
VE1JS	"	188,340	260	219
VO1BQ	"	15,158	62	53
***VO1TX**	**A**	**1,257,088**	**841**	**488**
*VE1AL	"	467,544	470	322
*VO1BBN	"	248,848	321	206
*VE1ZA	"	19,516	86	82
*VE9OA	"	13,608	68	63
***VE1RAR**	**14**	**126,630**	**229**	**210**
VE2EZD	**A**	**78,939**	**186**	**147**
VE2JM	14	112	8	7
***VE2AWR**	**A**	**434,805**	**464**	**303**
*VE2AXO	"	55,188	157	126
*VE2KY	"	38,200	118	100
*VE2OXA	"	10,200	61	60
***VA2AFH**	**21**	**54,905**	**145**	**139**
***VE2GLA**	**14**	**4,480**	**41**	**40**
XL3T	**A**	**15,890,979**	**3935**	**1231**
			(OP: VE3AT)	
VE3EJ	"	15,554,477	3981	1217
VE3OI	"	8,328,418	2528	1031
VA3ZDX	"	469,440	493	326
VA3YOJ	"	209,620	286	223
VE3TA	"	207,260	288	241
VA3FP	**21**	**182,528**	**280**	**248**
VE3RZ	**7**	**167,291**	**200**	**173**
***VA3SWG**	**A**	**2,066,012**	**1054**	**593**
*VA3UG	"	960,526	745	437
*VE3FH	"	702,506	596	361
*VE3NNG	"	420,138	443	306
*VA3DBT	"	151,620	277	210
*VA3GD	"	127,264	242	194
*VA3KAI	"	121,776	230	172
*VE3TU	"	100,245	201	163
*VA3GKO	"	92,862	186	154
*VE3NE	"	80,400	147	134
*VE3RCN	"	80,256	183	152
*VE3WG	"	31,581	116	99
*VA3PAW	"	30,452	111	92
*VA3OV	"	22,776	88	78
*VA3FN	"	15,180	75	66
*VE3OIL	"	8,640	63	54
*VE3VID	"	4,760	40	40
*VE3AJ	"	3,007	33	31
*VA3DDX	"	2,550	30	30
*VE3XAT	"	240	10	10
***VE3IAE**	**14**	**89,858**	**189**	**179**
*VA3GUY	"	50,697	142	129
*VE3AUO	"	1,904	28	28
***VE3SWS**	**7**	**146,190**	**183**	**165**
*VE3PYJ	"	7,840	42	40
***VE3EDY**	**1.8**	**8,140**	**50**	**44**
VE4VT	**A**	**3,916,360**	**1676**	**788**
VE4KZ	**14**	**178,852**	**324**	**244**
***VE4YU**	**A**	**379,431**	**440**	**299**
*VE4TTH	"	221,961	328	241
VA5LF	**A**	**155,540**	**270**	**220**
***VE5UO**	**A**	**119,970**	**269**	**186**
*VE5GC	"	65,888	190	142
***VE5KS**	**28**	**27,501**	**111**	**89**
***VE5ZX**	**21**	**634,920**	**612**	**429**
VA6UK	**A**	**861,816**	**716**	**447**
VE6KD	"	377,152	442	332
VE6FN	"	50,518	153	134
***VE6EX**	**A**	**2,354,136**	**1550**	**564**
*VE6SQ	"	208,210	354	235
*VE6AMI	"	94,500	211	180
*VE6EC	"	22,230	97	90
*VA6AN	"	5,670	49	42
VE7CC	**A**	**9,117,154**	**2787**	**1081**
VA7ST	"	2,553,759	1385	657
VE7VR	"	58,695	184	129
VC7R	**14**	**5,664,204**	**2494**	**988**
			(OP: VA7RR)	
***VE7RSV**	**A**	**57,268**	**151**	**139**
*VE7VAW	"	3,572	45	38
*VE7TI	"	2,736	28	24
***VA7CRZ**	**14**	**133,042**	**249**	**221**
*VA7ZM	"	645	15	15
*VE7DAQ	"	108	6	6
***VE7YU**	**3.7**	**10,712**	**58**	**52**
VE8DW	**A**	**19,178**	**88**	**86**
***VE8GER**	**A**	**316,008**	**434**	**297**
*VE8NE	"	2,700	40	36
Costa Rica				
***TE2M**	**28**	**25,730**	**124**	**83**
			(OP: TI2KAC)	
Cuba				
CO2GG	**A**	**2,683,535**	**1588**	**655**
***CM5FZ**	**A**	**497,652**	**505**	**339**
*CO2WL	"	446,124	535	339
*CO6LE	"	317,322	478	289
*CO6LP	"	236,775	503	231
*CO2VE	"	183,209	314	221
*CO2VDD	"	36,158	116	101
*CO2JW	"	17,765	95	85
*CO2MS	"	17,242	78	74
***CO2CW**	**21**	**804,804**	**754**	**469**
*CO8AW	"	77,952	198	174
***CL8AKY**	**7**	**5,600**	**40**	**40**
***CO6CAC**	**3.7**	**72,120**	**148**	**120**
Dominican Republic				
***HI8LAM/3**	**A**	**4,354,011**	**1902**	**797**
*HI3TT	"	377,300	517	308
***HI3EPR**	**28**	**776,832**	**838**	**408**
***HI3K**	**21**	**2,070,445**	**1218**	**689**
***HI3CC**	**14**	**440,014**	**724**	**302**
***HI8GPR**	**3.7**	**12,906**	**57**	**54**
***HI8KW**	**1.8**	**440**	**10**	**10**
Guadeloupe				
***FG4NO**	**A**	**568,480**	**604**	**374**
*FG1PP	"	148,122	256	211
Guatemala				
***TG9AXF**	**14**	**556,125**	**669**	**375**
Honduras				
***HQ2N**	**28**	**292,608**	**521**	**256**
			(OP: JA6WFM)	
Martinique				
TO5K	**A**	**14,817,938**	**4862**	**1201**
			(OP: RCØF)	
FM1II	**7**	**52,015**	**112**	**101**
***FM5FJ**	**14**	**335,997**	**375**	**333**
Mexico				
XE2S	**A**	**3,284,684**	**1596**	**676**
XE1OGG	"	235,711	339	223
XE1L	**21**	**3,636,370**	**2034**	**790**
***XE1XOE**	**A**	**590,303**	**721**	**343**
*XE1FZE	"	106,020	253	180
*XE1ZTW	"	20,250	95	81
*XE1AY	"	9,342	59	54
***XE2MVS**	**21**	**18,832**	**91**	**88**
Panama				
***HP3FTD**	**A**	**60,852**	**158**	**132**
Puerto Rico				
WP4I	**A**	**89,658**	**190**	**153**
WP4WW	**28**	**339,756**	**589**	**276**
			(OP: KP4JRS)	
***WP3GW**	**A**	**575,073**	**524**	**361**
*KP4CPC	"	30,816	116	107
*KP4RAY	"	3,816	39	36
***KP4JFR**	**28**	**76,000**	**202**	**160**
Turks & Caicos Islands				
***VP52V**	**A**	**2,032,550**	**1328**	**590**
			(OP: W5CW)	
US Virgin Islands				
KP2MM	**A**	**6,621,256**	**2574**	**956**
			(OP: N2TTA)	
AFRICA				
African Italy				
***IH9YMC**	**28**	**27,260**	**107**	**94**
Angola				
***D2QV**	**28**	**822,764**	**711**	**412**
Canary Islands				
EE8Z	A	8,163,175	2423	941
			(OP: NP4Z)	
EA8DO	"	2,671,200	1209	600
EA8LS	**21**	**27,645**	**102**	**97**
***EA8OM**	**A**	**838,452**	**644**	**428**
			(OP: DJ1OJ)	
*EA8CST	"	252,255	336	251
*EA8AQV	"	184,496	271	208
*EA8BQM	"	156,024	268	197
***EA8CZT**	**28**	**6,075**	**47**	**45**
***EC8AQQ**	**21**	**259,570**	**348**	**257**
***EA8VD**	**14**	**990,416**	**709**	**478**
Cape Verde				
D4A	A	14,357,235	3718	1163
			(OP: N6KT)	
D44AC	**21**	**17,356,864**	**4283**	**1376**
			(OP: I4UFH)	
D4C	**14**	**6,534,990**	**2278**	**966**
			(OP: IZ4UEZ)	
Djibouti				
*J28AA	14	225	9	9
			(OP: E7ØA)	
Lesotho				
***7P8PB**	**A**	**144**	**8**	**8**
Madeira Islands				
CT3FW	**A**	**98,992**	**190**	**184**
Mayotte				
***TO7BC**	**A**	**3,172,628**	**1478**	**727**
			(OP: DL7BC)	
Morocco				
CN2R	**A**	**27,280,992**	**5465**	**1424**
			(OP: W7EJ)	
Seychelles				
***S79NEN**	**14**	**135,660**	**241**	**204**
South Africa				
ZS5NK	**A**	**80,190**	**187**	**162**
ZS6EE	**28**	**1,283,660**	**831**	**530**
***ZS6GRL**	**28**	**35,964**	**119**	**111**
*ZS1JY	"	15,478	75	71
*ZS6C	"	225	9	9
Tanzania				
***5H3MB**	**A**	**261,040**	**341**	**260**
			(OP: IK2GZU)	
Zambia				
***9J2RI**	**A**	**1,656**	**24**	**23**
			(OP: ZS6RI)	
Zimbabwe				
Z21BB	**28**	**379,862**	**427**	**301**
ASIA				
Afghanistan				
***T6JP**	**A**	**155,507**	**280**	**211**
			(OP: OZ2JBC)	
***T6MO**	**28**	**159,558**	**295**	**203**
			(OP: K9GY)	
Armenia				
***EK3GM**	**28**	**629,180**	**671**	**326**
Asiatic Russia				
RA/KE5JA	**21**	**424,252**	**604**	**367**
UA9BS	**A**	**9,356,303**	**2713**	**979**
RL9I	"	3,348,981	1483	801
R9UT	"	2,416,295	1349	655
RA9JBA	"	1,028,375	777	433
UA9AU	"	978,836	668	428
RX9JD	"	551,150	523	365
R9QQ	"	481,371	489	319
R9YP	"	359,388	471	298
R8AA	"	40,255	114	97
UA9JFR	"	31,906	101	86
RV9MA	"	25,286	103	94
RT9A	"	19,266	93	78
UA9BA	"	210	9	7
RZ9UI	**28**	**1,201,248**	**869**	**516**
UA9CBM	"	37,211	137	127
R9CB	**21**	**1,195,686**	**886**	**543**
RM9T	"	688,425	611	411
RK9QWM	"	374,868	457	324
RA9AAA	"	363,769	402	331
UA9YK	"	128,184	235	218
RU9WZ	"	75,544	185	152
RK9UN	**14**	**853,230**	**662**	**478**
RU9UC	"	10,797	62	61
R8MC	**7**	**2,329,002**	**846**	**538**
RX9UKF	**3.7**	**21,420**	**72**	**63**
***RT9S**	**A**	**3,285,816**	**1437**	**696**
*RV9CBW	"	2,584,646	1221	646
*UA8WAA	"	1,626,453	922	531
*R8MD	"	1,039,566	727	418
*RF8R	"	906,963	702	447
			(OP: RW9RW)	
*RZ9YB	"	883,036	741	427
*RX9KD	"	820,218	700	413
*RT9YA	"	678,084	579	363
*UB9AAJ	"	517,924	465	316
*RU9MN	"	305,923	400	283
*R8ABC	"	294,115	403	295
*R9OAZ	"	277,680	370	267
*RV9WND	"	253,184	346	256
*UA9SAW	"	245,949	341	257
*RZ9UGN	"	221,972	317	263
*UA9YTN	"	202,242	309	222
*RA9AN	"	193,024	283	232
*UA9NP	"	172,032	297	224
*RA9AEA	"	136,324	248	197
*RU9YF	"	124,929	221	189
*R9SD	"	119,784	202	168
*UA9JNT	"	114,266	241	194
*UA9R	"	67,326	183	147
*RV9CM	"	65,212	152	137
*RV9MB	"	56,718	172	137
*RA9JB	"	54,120	158	123
*UA9JFH	"	53,325	162	135
*RA9SKL	"	42,939	137	117
*RX9DJ	"	41,820	133	123
*RA9AMO	"	36,396	121	108
*UA9ODE	"	27,472	110	101
*UA9AX	"	20,967	95	87
*R8US	"	20,181	98	93
*UA9UX	"	15,120	75	70
*RX9CET	"	3,276	28	28
*R9UG	"	2,054	31	26
*UA9OAL	"	364	13	13
*UA9JSJ	"	126	9	9
***RV9DC**	**28**	**1,016,880**	**861**	**456**
*RZ8U	"	448,970	516	323
*RW9DW	"	436,425	504	345
*UA9OMT	"	224,020	330	230
*RA9SF	"	35,424	134	123
*RA9AP	"	26,352	116	108
*UB8QAA	"	16,936	85	73
***R9RA**	**21**	**856,215**	**669**	**477**
*RX9CCJ	"	345,408	406	336
*UF8T	"	100,419	215	187
***UA9MRY**	**14**	**190,762**	**288**	**253**
*R9MJ	"	104,992	197	193
*RU9AC	"	5,324	47	44
*RW9DX	"	532	14	14
*UA9UKL	"	429	13	13
*RA9U	"	12	2	2
***RD9SA**	**7**	**18,239**	**63**	**61**
RWØUU	**A**	**865,260**	**922**	**460**
UAØBA	"	410,550	493	345
RAØQD	"	291,323	443	317
RUØLL	"	246,740	340	260
RWØUM	"	10,659	60	57
RØDX	**21**	**2,539,116**	**1428**	**753**
			(OP: UAØDC)	
RNØCF	"	1,856,025	1252	657
RØAA	"	775,992	732	447
UAØIBX	"	113,295	230	195
RTØB	"	30,858	125	111
RKØUT	**14**	**87,894**	**197**	**171**
***RWØA**	**A**	**5,171,096**	**1892**	**856**
			(OP: RAØAM)	
*RDØA	"	544,500	507	375
*RAØJBL	"	481,492	579	353
*RAØQW	"	188,244	380	252
*UAØC	"	158,592	397	224
*RZØSB	"	131,461	262	209
*RAØCHK	"	82,302	255	174
*UAØACG	"	57,116	166	131
*RXØSA	"	51,348	145	132
*RAØWMD	"	26,108	126	107
*RXØSC	"	24,153	102	97
*RKØSV	"	16,093	88	77
*UAØLNL	"	5,750	59	50
*UAØZS	"	5,474	51	46
*RZØSW	"	3,096	36	36
***RAØUBI**	**28**	**67,064**	**290**	**166**
*UAØOD	"	53,700	221	150
***UAØSOX**	**21**	**798,930**	**694**	**495**
*UAØUK	"	483,527	540	389
*UAØXAK	"	47,320	188	130
*RAØAY	"	45,560	153	136
*RAØSMS	"	4,268	44	44
***UAØSJ**	**7**	**177,970**	**217**	**185**
Asiatic Turkey				
***TA7EB**	**A**	**99,825**	**197**	**165**
*YM3KB	"	68,761	155	133
			(OP: TA3DJ)	
***TA7AO**	**14**	**10,126**	**63**	**61**
*TA4ED	"	8,990	64	58
Azerbaijan				
***4K9W**	**A**	**7,399**	**52**	**49**
Bahrain				
A92GR	**28**	**275,400**	**367**	**255**
China				
BA7IO	**A**	**3,606,468**	**1932**	**813**
BD4QH	"	1,204,000	1077	500
B4TB	"	483,536	681	376
			(OP: BA4TB)	
BH7PFH	"	329,072	437	314
BD4DYH	"	37,152	137	108
BG5CLC	"	28,560	188	105
BD4TJ	"	11,400	116	76
BH1LYB	"	1,316	28	28
BG5FCH	"	204	12	12
BH4RZI	"	77	8	7
BY1CW	21	134,596	518	209
			(OP: BD1GXH)	
***BG8GAM**	**A**	**426,904**	**568**	**344**
*BD4WN	"	255,930	404	285
*BG5CIC	"	97,614	231	187
*BD2IAQ	"	65,280	207	160
*BG4FRZ	"	64,800	184	150
*BH4SCF	"	53,721	164	127
*BA1SN	"	44,070	173	130
*BA5HAM	"	37,088	155	122
*BD7KBH	"	35,520	143	111
*BD4UK	"	34,969	189	121
*BG4HRM	"	24,288	119	92
*BD4RDU	"	22,568	132	91
*BD7OZG	"	21,375	123	95
*BG6CJR	"	18,564	105	84
*BG4HJE	"	18,063	96	81
*BD6SN	"	14,694	99	79
*BD4TZ	"	12,512	94	68
*BA5AB	"	9,381	69	59
*BA4SCP	"	6,068	53	41
*BD5BMC	"	4,200	49	42
*BD4IJ	"	3,627	42	39
*BD7JAD	"	3,600	43	40
*BG1RHJ	"	3,216	50	48
*BD4UM	"	1,504	34	32
*BG4GYB	"	1,428	29	28
*BG1LYZ	"	1,377	28	27
*BD3RQ	"	1,363	32	29
*BD1LEN	"	330	12	11
*BH1LHS	"	288	12	12
*BG6QYE	"	230	11	10
*BG2WCG	"	210	14	14

*BH4BHB	"	100	10	10
*BG5FIM	"	77	7	7
*BG1SQT	"	60	6	6
*BA4MY	"	56	9	7
*BG6JAI	"	9	3	3
***BI7JMD**	**28**	**1,682**	**31**	**29**
***BD4RQ**	**21**	**151,417**	**411**	**223**
*BG7IEU	"	41,344	156	128
*BA1AK	"	20,564	115	97
*BH1EBF	"	17,856	119	96
*BH1KTL	"	5,616	74	52
*BD6IF	"	1,218	34	29
*BD9GBE	"	280	16	14
*BD6JIN	"	72	8	8
***BA4WR**	**14**	**102,120**	**353**	**185**
*BD2VJM	"	27,888	201	112
*BG2VIA	"	18,984	88	84
***BD4WM**	**7**	**2,635**	**34**	**31**

Cyprus

C4W	**A**	**16,750,800**	**4546**	**1175**
H2T	**28**	**3,839,844**	**2113**	**739**
			(OP: 5B4XF)	
*5B4AJT	A	126	7	7

Hong Kong

VR2KF	**A**	**198,792**	**495**	**264**
VR2VIY	"	3,914	41	38
VR2XMT	**28**	**591,717**	**752**	**399**
***VR2PW**	**14**	**13,520**	**103**	**80**

India

VU2RCT	**A**	**481,289**	**503**	**347**
VU2JOS	"	4,140	37	36
VU2HOT	"	60	5	5
*VU2ABS	A	51,062	147	121
*VU3NXI	"	6,716	49	46
*VU2SGW	"	4,284	45	42
***VU3DMP**	**28**	**5,358**	**48**	**47**

Israel

4XØL	**A**	**255,024**	**361**	**252**
			(OP: 4Z1TL)	
4Z5LA	**21**	**32,200**	**116**	**100**
***4Z5MV**	**A**	**37,604**	**124**	**119**
*4Z5PJ	"	16,117	79	71
*4Z5FL	"	690	16	15

Japan

JR1AIB	**A**	**5,833,618**	**2100**	**889**
			(OP: JH5GHM)	
JO1WKO	"	2,349,900	1175	630
JH1HIC	"	895,560	740	439
JH1ASG	"	421,611	542	313
JA1TMG	"	337,820	401	266
JA1IXY	"	98,124	193	148
JA1QZC	"	78,432	184	152
JA1XUY	"	75,392	200	128
JA1MJN	"	70,528	188	152
JG1WCT	"	63,294	210	137
JA1IZZ	"	42,642	130	103
JO1SIM	"	41,514	174	111
JA1JYS	"	32,851	111	91
JE1REU	"	19,902	104	93
JF1UOX	"	18,404	92	86
JR1LZK	**28**	**52,934**	**165**	**133**
JI1LET	**21**	**2,308,788**	**1214**	**708**
JR1HUA	"	247,800	333	280
JA1NQU	"	226,269	334	279
JO1COV	"	204,620	308	260
JI1LNR	"	6,164	48	46
JA1KVT	**3.7**	**12,320**	**62**	**55**
***JM1UTT**	**A**	**948,024**	**765**	**462**
*JA1GLE	"	359,712	453	288
*JH1DYU	"	276,940	381	244
*JH1FNU	"	246,012	375	247
*JA1CPU	"	189,072	323	234
*JL1MWI	"	175,446	295	243
*7L1FFH	"	156,780	271	180
*7K4VPV	"	144,256	269	196
*JA1AZR	"	91,520	241	143
*JJ1KZZ	"	86,574	186	141
*JA1VGV	"	75,616	191	139
*JF1WNT	"	72,150	173	130
*JA1CP	"	56,991	205	121
*JA1HOM	"	45,560	154	136
*JK1NSR	"	39,050	140	110
*JF1MBT	"	38,410	141	115
*JE1LDU	"	36,080	139	110
*JA1OHP	"	34,986	122	102
*7M3FMR	"	34,848	140	99
*JA9DTV/1	"	29,520	104	80
*JE1CWQ	"	29,321	129	109
*JJ1LRD	"	27,936	130	96
*JA1LZK	"	26,550	122	90
*JR1MRG	"	23,639	114	77
*JG1LPL	"	22,420	103	76
*JI1SAI	"	20,382	96	86
*JA1SCE	"	19,314	98	74
*JA1DDZ	"	17,120	91	80
*8J1ØSAI	"	16,037	116	79
			(OP: JH1OES)	
*JA1GFB	"	12,805	88	65
*7J1ABD	"	12,705	67	55
*JA1FO	"	11,978	60	53
*JE1RRK	"	9,945	72	65
*JJ1HHJ	"	9,440	80	59
*JF1ROR	"	8,208	76	54
*JF1DWJ	"	6,210	51	45
*JG1SWV	"	5,371	41	41
*JA1KK	"	4,576	45	44
*7L3DGP	"	3,480	45	40
*JA1LPQ	"	3,360	41	35
*JH8FAJ/1	"	2,808	27	26
*JP1LRT	"	2,525	29	25
*JG1LFR	"	2,370	30	30
*JH1EYM	"	1,924	27	26
*JI1BHO	"	1,863	28	27
*JE1HTV	"	1,566	32	27
*JG1GCO	"	1,242	28	23
*JA1VWK	"	960	21	20
*JI1DSU	"	462	16	14
*JK1CYF	"	252	12	12
*JG1MYK	"	42	7	7
***7N2UQC**	**28**	**61,544**	**185**	**157**
*JL1EEI/1	"	32,480	119	112
*JA1LBZ	"	4	2	2
***JF1PYJ**	**21**	**36,273**	**134**	**113**
*JA1RYC	"	23,370	102	95
*7K4TKB	"	21,505	104	85
*JA1ANF	"	21,296	94	88
*JA1PUK	"	13,192	71	68
*7M1MCY	"	8,736	64	56
*JA1JLP	"	4,756	47	41
*JI1UCL	"	4,635	50	45
*JK1BII	"	4,251	43	39
*JF1KWG	"	2,262	30	29
*JN1CDB	"	1,690	34	26
*JH8SEG/1	"	1,288	24	23
*JI1LAI	"	1,100	21	20
*JG1WKM	"	290	11	10
*JH1CVJ	"	260	10	10
*7N2JZT/1	"	75	5	5
*JH1RRP	"	27	3	3
*JR1AHP	"	27	3	3
***JF1TEU**	**14**	**21,294**	**99**	**91**
*JA1KEV	"	12,792	94	82
*JE1GZB	"	1,682	33	29
***JE1SPY**	**3.7**	**9,932**	**68**	**52**
JA2VHO	**A**	**696,728**	**629**	**376**
JA2BNN	"	413,319	513	311
JR2PMT	"	239,955	323	255
JA2XLV	"	197,292	328	246
JA2AYH	"	7,242	52	51
JA2CPD	"	396	15	12
JJ2CJB	**28**	**54,954**	**164**	**142**
JR2IOB	**21**	**1,161,440**	**819**	**544**
JH2BTM	"	25,996	107	97
JA2GTW	**7**	**71,760**	**130**	**115**
***JA2CUS**	**A**	**613,056**	**584**	**372**
*JA2AXB	"	524,117	570	341
*JR2PAU	"	187,220	294	230
*JA2KPW	"	108,550	254	167
*JA2GHP	"	83,367	224	157
*JE2DOD	"	27,600	111	92
*JQ2OUL	"	14,592	93	64
*JR2NTC	"	14,325	93	75
*JF2FIU	"	12,412	71	58
*JM2NWF	"	6,776	59	44
*JG2KFI	"	1,440	47	36
*JF2OHQ	"	442	15	13
*JG2QUM	"	308	15	14
*JP2MRD	"	65	5	5
***JH2MYN**	**28**	**36,533**	**134**	**119**
***JA2KKA**	**21**	**43,542**	**145**	**123**
*JE2BOM	"	41,082	140	123
*JS2PHO	"	1,500	26	25
*JF2FKJ	"	204	13	12
*JR2AAN/2	"	8	2	2
*JI2IXA	7	42	3	3
JA3AOP	**A**	**1,856,995**	**1059**	**595**
JA3QOS	"	899,712	727	426
JA3FRI	"	63,705	203	137
JA3AHY	"	1,922	34	31
JO3JIS	**28**	**1,540,045**	**1094**	**559**
JH3GCN	**21**	**105,432**	**212**	**191**
***JF3BFS**	**A**	**919,149**	**722**	**483**
*JO3PSJ	"	120,528	274	186
*JG3BXS	"	25,670	114	85
*JS3CGH/3	"	19,513	107	79
*JA3KDJ	"	17,696	99	79
*JR3NDM	"	15,549	98	71
*JR4ISF/3	"	14,528	90	64
*JR3SZZ/3	"	12,870	93	66
*JH3BYX	"	10,332	71	63
*JL3WSL	"	4,095	41	35
*JH3GMI	"	656	17	16
*JM3HYL	"	210	17	14
*JO3EVM	"	192	8	8
***JA3DAU**	**28**	**38,400**	**136**	**120**
*JA3IKG	"	20,184	101	87
*JA3LKE	"	6,188	55	52
***JR3RIY**	**21**	**1,203,184**	**818**	**556**
*JJ3JHP	"	207,766	300	262
*JF3IYW	"	135,191	261	217
*JI3FSI	"	121,191	244	203
*JF3VAX	"	49,632	143	132
*JA3BBG	"	9,780	67	60
*JM3QIS	"	4,368	42	42
*JA3PYH	"	3,145	43	37
*JA3NOJ	"	96	6	6
***JA3DAY**	**14**	**18,860**	**88**	**82**
***JG3DIX**	**7**	**3,150**	**27**	**25**
JH4UYB	**A**	**9,796,779**	**2919**	**1047**
JA4DPL	"	926,534	752	458
JH4RUF	"	114,534	227	162
JO4BOW	"	16,264	88	76
JH4EMK	"	846	20	18
JA4NQD	**28**	**3,880**	**44**	**40**
***JR4PDP**	**A**	**209,990**	**352**	**230**
*JE4MHL	"	65,392	156	134
*JA4BDY	"	27,451	118	97
*JA4CSJ	"	17,088	77	64
*JA4AQR	"	10,080	64	60
*JN4UUS	"	448	14	14
***JJ4CDW**	**28**	**2,988**	**37**	**36**
***JR4LRY**	**21**	**14,129**	**95**	**71**
***JR4GPA**	**14**	**215,975**	**338**	**265**
***JA4AVO**	**7**	**624**	**13**	**13**
JI5SKS	**A**	**79,704**	**190**	**164**
JJ5GSY	**7**	**48**	**4**	**4**
***JG5UWK**	**A**	**114,240**	**253**	**170**
*JJ5HUD	"	32,806	130	94
*JA5NSR	"	112	8	8
***JG5DHX**	**21**	**55,245**	**162**	**145**
*JA5XPD	"	24,388	95	91
JA6LCJ	**A**	**4,646,100**	**1784**	**850**
JH6QFJ	"	556,612	530	386
JA6BWH	"	108,900	214	165
***JE6JNC**	**A**	**103,544**	**230**	**172**
*JA6GMC	"	46,728	162	118
*JA6CM	"	41,912	146	124
*7J6AAO	"	15,120	84	72
***JE6ADE**	**21**	**82,560**	**208**	**172**
*JA6EFT	"	46,200	155	132
*JH6WXF	"	2,263	31	31
*JS6SRY	"	253	14	11
JA7BME	**A**	**2,579,310**	**1242**	**699**
JA7VEI	"	153,265	249	203
JA7JH	**28**	**35,844**	**123**	**116**
JG7EHM	**14**	**46,464**	**133**	**128**
JG7PSJ	**7**	**4,158**	**28**	**27**
***8J7JODO/7**	**A**	**11,232**	**60**	**52**
*JA7HYS	"	2,900	29	29
*JA7BEW	"	64	4	4
*JL7FBV	28	135	10	9
***JH7KTI**	**21**	**10,921**	**69**	**67**
*JP7CFP	"	6,171	63	51
*JK7UST	"	2,187	27	27
***JA7LLL**	**14**	**7,452**	**54**	**54**
*JA7ADV	"	936	26	26
JH8CXW	**A**	**291,555**	**378**	**279**
JA8DIV	"	263,144	351	254
JA8KXA	"	107,508	219	186
JA8ECS	**21**	**393,764**	**430**	**343**
***JA8COE**	**A**	**492,558**	**506**	**374**
*JE8KKX	"	33,088	131	94
*JJ3DJS/8	"	12,348	79	63
***JI8BUR**	**7**	**780**	**13**	**13**
JA9LJS	**A**	**656,448**	**629**	**416**
JF9JTS	"	268,832	377	248
JA9CCG	**21**	**209,308**	**315**	**268**
JH9URT	**7**	**555,485**	**425**	**269**
***JA9TQY**	**A**	**84,336**	**208**	**168**
*JA9EJG	"	220	10	10
***JA9XAT**	**28**	**85**	**7**	**5**
JAØAXV	**A**	**944,182**	**722**	**446**
JAØCIY	"	258,263	390	271
JJØPJD	"	47,502	142	117
JAØJHA	**28**	**547,008**	**609**	**352**
JHØOXS	**21**	**97,495**	**210**	**185**
JHØNOS	**14**	**322,088**	**364**	**326**
***JHØNEC**	**A**	**334,184**	**411**	**296**
*JAØNFP	"	20,580	90	70
*JHØMXV	"	11,245	70	65
***JHØJDV**	**28**	**77,274**	**210**	**162**
***JHØEPI**	**14**	**95,757**	**209**	**177**

Jordan

***JY4NE**	**A**	**1,593,492**	**1048**	**551**

Kazakhstan

UPØL	**A**	**18,541,055**	**4396**	**1235**
UP4L	"	9,786,309	2883	1047
			(OP: UN7LZ)	
UN7QF	"	252,476	374	254
UN6GK	"	229,320	320	234
UN8GU	**28**	**1,098,640**	**902**	**496**
UN8GV	**21**	**2,632,449**	**1418**	**743**
UP6P	"	2,170,824	1169	696
			(OP: UN6P)	
***UN8PT**	**A**	**449,460**	**484**	**330**
*UN5C	"	262,680	349	264
*UNØLE	"	45,384	134	124
*UN7TW	"	112	9	8
***UN9PQ**	**28**	**16,892**	**86**	**82**
***UN6G**	**21**	**344,410**	**429**	**341**
***UN6LN**	**14**	**267,090**	**338**	**290**
*UN7RL	"	250,040	332	280

Kyrgyzstan

EX8MAT	**A**	**1,400,841**	**994**	**507**
EX2B	"	284,900	454	275
EX2T	**28**	**987,705**	**873**	**467**
***EX7ML**	**21**	**622,120**	**591**	**412**

Laos

***XW3DT**	**28**	**736,932**	**692**	**434**

Macao

***XX9AU**	**21**	**12,450**	**141**	**83**

Mongolia

JU1DX	**A**	**790,603**	**800**	**451**
			(OP: JT1BV)	
JT1E	**28**	**533,544**	**779**	**376**
			(OP: JT1DA)	
***JT1BZ**	**A**	**62,431**	**174**	**149**

Ogasawara

***JD1BIA**	**7**	**22,896**	**122**	**72**

Oman

A41OO	**14**	**4,329**	**43**	**37**
***A41OF**	**14**	**7,425**	**61**	**55**
***A41MX**	**7**	**248,024**	**226**	**206**

Republic of Korea

HL5YI	**A**	**63,431**	**189**	**137**
HL5UOG	"	45,133	168	121
***HL1VAU**	**A**	**327,184**	**438**	**286**
*HL2NFB	"	3,400	35	34
*HL2/KA8U	"	2,624	39	32
***DS2GOO**	**21**	**30,368**	**118**	**104**
***6K2FJJ**	**7**	**13,206**	**129**	**62**

Saudi Arabia

HZ1TT	**A**	**2,504,568**	**1297**	**583**
***HZ1DG**	**A**	**2,297,460**	**1267**	**649**
*HZ1HN	"	1,603,661	1055	527
*HZ1BL	"	299,945	375	251
*HZ1PS	"	109,395	205	187
***7Z1TT**	**14**	**488,240**	**498**	**359**

Singapore

9V1YC	**A**	**412,482**	**544**	**294**
***9V1DE**	**A**	**4,256**	**32**	**32**

Spratly Islands

9M6/OH2YY	**A**	**154,755**	**417**	**181**

Taiwan

BV1EK	**A**	**381,480**	**468**	**289**
BU2AW	**21**	**23,618**	**171**	**98**
***BU2AE**	**A**	**8,694**	**78**	**63**
***BV4VQ**	**21**	**11,550**	**84**	**70**

Tajikistan

EYØA	**A**	**1,234,548**	**970**	**497**
			(OP: UA4LCQ)	
***EY7BJ**	**21**	**11,033**	**71**	**59**

Thailand

HSØZIN	**28**	**523,200**	**670**	**400**
***E21EIC**	**A**	**2,846,340**	**1525**	**753**
*E21YDP	"	950,976	742	468
*E2ØYLM	"	292,236	411	294
*E21IZC/8	21	52	5	4

United Arab Emirates

A61ZX	**A**	**2,511,620**	**1383**	**620**
A61QQ	"	359,127	429	283
***A61C**	**21**	**77,154**	**190**	**154**

Uzbekistan

***UK7F**	**A**	**309,228**	**404**	**292**
***UK/RZ1ZZ**	**14**	**473,200**	**526**	**350**

Vietnam

***XV2RZ**	**21**	**92,415**	**364**	**183**
*XV4Y	"	3,672	38	36

West Malaysia

9M2CQC	**A**	**1,214,464**	**1057**	**512**
9M2IDJ	**28**	**326,146**	**417**	**313**
***9M2TO**	**A**	**117,810**	**247**	**210**
*9M2ZAK	"	42,896	150	112
*9M2ESM	"	39,360	133	123
***9W2VVH**	**28**	**129,956**	**254**	**212**
*9W2WWW	"	9,610	63	62
*9W2CEH	"	1,180	23	20

EUROPE

Aland Islands

OHØX	**14**	**5,195,988**	**2502**	**1044**
			(OP: OH2PM)	

Albania

***ZA1TC**	**A**	**302,583**	**519**	**349**
			(OP: TA1HZ)	

Andorra

***C31CT**	**A**	**20,832**	**100**	**93**

Austria

OE1SSS	**A**	**97,284**	**244**	**201**
OE1WWL	"	82,368	206	176
OE9MON	"	79,566	211	178
OE3DXA	"	14,476	81	77
OE8SKQ	**21**	**1,520,714**	**1064**	**598**
***OE2LRO**	**A**	**25,992**	**144**	**114**
*OE2IJL	"	840	14	14
*OE8SCQ	21	27	3	3

Azores

CQ8X	**A**	**14,154,000**	**4344**	**1200**
			(OP: OH2UA)	
CR2T	**28**	**1,621,312**	**1396**	**704**
			(OP: CU2AF)	

Balearic Islands

EA6SX	**1.8**	**41,340**	**154**	**130**
***EA6UP**	**A**	**1,357**	**23**	**23**

Belarus

EW8DD	**A**	**2,438,650**	**1625**	**755**
EW4MM	"	873,600	883	520
EW8DJ	"	631,136	637	484
EW8DX	"	99,216	249	212
EW8CY	"	91,980	274	219
EU6AF	"	78,200	197	170
EW3LN	"	7,068	59	57
EU8MM	"	1,298	23	22
EW8MM	"	407	13	11
***EU2DX**	**A**	**790,035**	**863**	**465**
*EU2MM	"	225,852	444	319
*EU6AA	"	15,251	106	101
*EW7LE	"	15,222	98	86
*EU7BBN	"	1,428	25	21
***EW6EW**	**21**	**22,999**	**124**	**109**
*EW7DK	"	12,728	78	74
***EW2EG**	**14**	**928**	**32**	**29**
***EW8OG**	**7**	**99,600**	**226**	**200**
*EW6DM	"	71,832	179	164
***EU2EU**	**1.8**	**74,304**	**219**	**172**

Belgium

ON7HLU	**A**	**357,896**	**527**	**392**
ON7ON	"	16,974	88	82
OQ4T	**28**	**9,016**	**61**	**56**
			(OP: ON4TO)	
OQ7T	**7**	**1,454,976**	**1068**	**576**
***ON3AR**	**A**	**296,032**	**424**	**319**
*ON4CT	"	29,810	120	110
***ON3ND**	**14**	**43,139**	**214**	**179**
*ON5YU	"	4,047	61	57
*OR3R	"	992	32	31

Bosnia-Herzegovina

E7DX	**A**	**16,982,770**	**4410**	**1330**
			(OP: E77DX)	
E77A	**21**	**5,608,691**	**2384**	**979**
***E73MJ**	**A**	**60,912**	**199**	**162**
*E78CB	"	4,800	51	48
***E76MB**	**21**	**11,398**	**94**	**82**
***E74NR**	**7**	**39,186**	**144**	**126**

Bulgaria

LZ1784SIB	**A**	**1,448,811**	**1300**	**609**
			(OP: LZ1ZF)	
LZ1BJ	"	1,035,424	978	608
LZ3ZZ	"	986,583	865	533
LZ2UW	"	46,292	150	142
LZ4ØYE	"	12,312	80	76
LZ1RA	**14**	**68,392**	**242**	**206**
LZ8A	"	7,900	82	79
			(OP: LZ1KDP)	
LZ1QN	**7**	**10,248**	**63**	**61**
LZ1VPS	"	1	1	1
***LZ8E**	**A**	**3,558,100**	**1995**	**884**
			(OP: LZ2BE)	
*LZ2PS	"	681,720	738	437
*LZ5XQ	"	79,913	207	157
*LZ1OJ	"	68,456	191	172
*LZ3GH	"	60,496	192	152
*LZ1ONK	"	31,625	134	115
*LZ3TL	"	19,046	98	89
*LZ2FM	"	18,330	104	94
*LZ1FJ	"	16,932	116	102
*LZ1MC	"	1,248	25	24
***LZ9V**	**28**	**150,752**	**291**	**224**
			(OP: LZ1WG)	
*LZ3RN	"	46,343	140	121
*LZ1VVV	"	23,970	110	102
***LZ2JA**	**21**	**918,517**	**950**	**551**
*LZ3DJ	"	45,150	185	150
***LZ1KP**	**14**	**52,136**	**223**	**196**

Crete

SV9GPV	**21**	**2,878,092**	**2306**	**846**

Croatia

9A2Ø7T	**A**	**1,237,086**	**859**	**558**
			(OP: 9A2EU)	
9A2Ø2JK	"	1,205,028	926	612
			(OP: 9A2JK)	
9A8A	"	10,164	71	66
9A3KS	"	672	16	14
9A8DX	**7**	**1,854,949**	**1236**	**647**
9A2AJ	**1.8**	**465,864**	**601**	**376**
***9A2Ø4MF**	**A**	**598,752**	**722**	**462**
			(OP: 9A4MF)	
*9A2NO	"	498,804	580	422
*9A1IW	"	398,808	541	348
*9A2EY	"	115,907	257	257
*9A3QB	"	85,778	203	154
*9A6ARB	"	60,720	201	165
*9A1CVG	"	46,189	179	143
*9A1MM	"	39,375	145	125
*9A2Ø3JB	"	34,500	136	115
			(OP: 9A3JB)	
*9A5IGY	"	29,640	143	130
*9A6IND	"	28,514	113	106
*9A6JOY	"	24,852	125	109
*9A2Ø4W	"	22,420	101	95
			(OP: 9A4W)	
*9A7IUP	"	21,424	116	104
*9A5G	"	19,800	94	88
			(OP: 9A2VX)	
*9A5KIS	"	9,338	64	58
*9A1SZ	"	8,946	70	63
*9A1DL	"	7,250	63	58
***9AØW**	**28**	**162,176**	**279**	**224**
*9A2WJ	"	24,200	98	88
*9A7ZZ	7	4,176	50	48

Czech Republic

OK2BXE	**A**	**2,185,690**	**1273**	**731**
OLØW	"	519,995	599	415
			(OP: OK1DSZ)	
OK2JK	"	48,422	163	142
OK1FRO	"	5,712	51	48
OK1EP	**28**	**342,264**	**455**	**312**
OK2ABU	"	61,490	166	143
OK1XC	**21**	**411,642**	**513**	**378**
OK6MA	"	110,670	265	217
***OK1WCF**	**A**	**4,302,909**	**2057**	**943**
*OK2ZI	"	3,710,889	1814	897
*OK1CID	"	1,135,025	1074	547
*OK1CLD	"	612,896	688	428
*OK1HEH	"	429,323	592	373
*OK1BA	"	418,968	590	396
*OK7N	"	319,853	395	317
*OK2BZE	"	310,072	436	343
*OK2BRX	"	305,588	455	317
*OK2WYK	"	188,768	347	272
*OK1MJA	"	186,816	398	278
*OK1MKU	"	126,522	253	198
*OK1DPU	"	125,802	301	241
*OK2SGY	"	120,310	292	227
*OK1BLU	"	97,284	237	201
*OK2WZN	"	94,432	262	208
*OK2MRJ	"	91,080	223	184
*OK1AOU	"	66,864	211	168
*OK2KFK	"	62,790	200	161
*OK2PBG	"	45,457	170	131
*OK2TC	"	32,500	150	125
*OK1VHV	"	30,420	143	117
*OK2SWD	"	19,570	117	103
*OK2EC	"	13,072	80	76
*OK2BND	"	5,050	52	50
*OK5SWL	"	1,952	34	32
			(OP: OK2SWD)	
***OK2TBC**	**21**	**21,338**	**102**	**94**
*OK1ARO	"	12,600	81	70
***OK5ET**	**14**	**294**	**14**	**14**
***OK2ILD**	**7**	**312,180**	**406**	**330**
*OK2BRS	"	148,520	260	235
*OK1ZY	3.7	576	18	18
***OK1JOK**	**1.8**	**60,060**	**199**	**156**
*OK1KZ	"	1,012	23	23

Denmark

OZ6AGX	**A**	**291,200**	**432**	**320**
OZ2BKK	"	288,108	473	318
OZ1HHH	"	236,835	413	277
OZ7DK	"	33,840	147	120
OZ7EA	"	25,894	122	107
5P12EU	"	1,600	21	20
			(OP: OZ1HHH)	
OZ3BJ	**28**	**93,195**	**195**	**171**
***OU8A**	**A**	**460,498**	**658**	**386**
*OZ1ACB	"	442,728	578	387
*OZ4NA	"	336,826	515	343
*OZ1KVM	"	233,478	401	306
*OZ5TL	"	111,321	310	217
*OZ2CA	"	98,345	263	221
*OZ3ANT	"	95,480	251	217
*OZ6OG	"	12,719	85	79
*OZ8PG	"	12,375	76	75
*OZ8KEL	"	1,881	41	33
*OZ1DGQ	28	119	7	7
***OZ1CCB**	**7**	**8,636**	**69**	**68**
*OZ9V	"	8,370	66	62
*OV3X	"	1,325	25	25
			(OP: OZ8AE)	

England

MØUTD	**A**	**1,234,944**	**976**	**603**
G1T	"	613,776	694	456
			(OP: MØSCG)	
G3SVD	"	340,370	428	337
G4OJB	"	233,160	404	290
MØVKY	"	164,090	362	269
G4VMX	"	90,240	215	188
GØAZG	"	40,386	148	127
G4AFJ	"	6,394	50	46
G5XW	**7**	**265,824**	**482**	**288**
G3TDH	"	123,824	247	218
***MØMCV**	**A**	**1,464,457**	**1192**	**613**
*G4DFI	"	282,111	483	347
*M6TBY	"	258,093	427	297
*GØCER	"	185,130	330	255
*G8AFN	"	154,869	324	247
*2EØTCC	"	147,506	346	262
*GØLZX	"	121,746	256	197
*G8ZRE	"	118,750	326	250
*GØTAN	"	109,512	295	216
*MØMXX	"	104,598	304	234
*GØTRB	"	83,220	225	190
*MØGKC	"	73,533	237	193
*MØAUG	"	73,431	236	199
*G6VMR	"	71,242	223	179
*G4NXG	"	57,820	167	140
*MØVKG	"	57,440	191	160
*MØGOJ	"	51,480	190	156
*GØPBE	"	46,978	199	166
*G1KFB	"	41,888	152	136
*M6TOK	"	37,800	164	140
*G7DPE	"	19,500	143	125
*MØDMJ	"	17,510	113	103
*MØSFR	"	16,849	91	83
*M6AGY	"	16,300	105	100

*MØWAG	"	9,000	78	72
*2EØCKC	"	7,854	84	77
*GØMRH	"	7,847	63	59
*GØRJL	"	1,012	25	22
***GØFPU**	**28**	**171**	**9**	**9**
***G5E**	**21**	**453,612**	**503**	**412**
			(OP: G3RAU)	
*MØTQR	"	7,812	67	62
*G7RTI	"	990	25	22
*G7RSM	"	35	5	5
***GØRRM**	**14**	**109,445**	**317**	**265**
*MØZIF	"	168	15	14
***G4DBW**	**7**	**171,120**	**349**	**240**
*MØGVZ	"	48,840	139	132
***GØDCK**	**1.8**	**5,565**	**55**	**53**

Estonia

ES2IPA	**A**	**403,256**	**594**	**379**
***ES1LS**	**A**	**830,180**	**923**	**515**
*ES8SX	"	332,724	529	357
*ES6RMR	"	80,674	235	193
*ES2TT	"	48,471	155	107
***ES1WST**	**28**	**18,564**	**94**	**84**
***ES6TX**	**14**	**97,060**	**258**	**230**

European Russia

RW1CW	**A**	**2,877,784**	**1651**	**826**
U1BD	"	444,583	635	409
RV1CC	"	320,640	382	320
RA1TV	"	124,320	262	222
RZ1AZ	"	95,380	232	190
RA1OD	"	34,561	118	107
RW1QQ	"	19,434	93	79
UA1OMS	"	8,415	55	51
UA1OMZ	"	6,164	49	46
UA1ORK	"	4,368	40	39
R1AC	**28**	**31,212**	**114**	**102**
UA1AFZ	**14**	**821,130**	**999**	**606**
***UA1CEI**	**A**	**2,139,713**	**1645**	**713**
*UA1CUR	"	556,278	676	417
*UA1ZLN	"	259,584	501	338
*RV1AE	"	240,526	472	319
*RA1APV	"	20,020	119	110
*UA1CBM	"	13,585	108	95
*RN1NW	"	7,254	65	62
*RW1AI	"	5,292	55	54
*UA1WBV	"	2,772	30	28
***RW1CX**	**28**	**52,540**	**158**	**142**
***R1TEU**	**14**	**204,085**	**472**	**343**
*UA1WA	"	22,236	110	109
***RA1AKR**	**7**	**3,774**	**37**	**37**
UA5A	**A**	**11,307,639**	**3949**	**1263**
			(OP: RA3AKT)	
RM3F	"	9,484,079	3765	1237
			(OP: UA3DPX)	
RG3K	"	8,955,804	3594	1228
RM2U	"	3,130,788	1675	894
			(OP: RU3UR)	
UD3D	"	2,221,128	1858	756
			(OP: UB3DAY)	
UA3VFS	"	1,514,877	1253	651
R3ZV	"	889,875	895	525
RN3ZC	"	680,826	706	466
R3OM	"	592,974	716	417
RA3NC	"	534,660	651	402
RC3F	"	381,888	686	416
R2DW	"	346,527	450	417
R3NA	"	300,324	433	348
RZ3DN	"	297,472	461	332
R3DL	"	254,584	362	263
RA3BL	"	213,465	340	285
R3LA	"	183,345	327	255
UA3DUJ	"	149,184	334	259
RT3G	"	146,233	316	257
RV3IC	"	132,305	282	235
RU3XK	"	92,160	221	192
RN3FK	"	82,095	244	195
RK3BA	"	58,652	209	172
RN3RY	"	52,706	169	146
R5ZAA	"	28,860	172	148
RV3TG	"	28,544	146	128
RA3EA	"	21,762	104	93
R3DG	"	19,448	117	104
RV3FT	"	13,662	69	66
RU3DZ	"	12,480	91	80
UA3QNS	"	3,840	34	32
RN3FS	"	3,597	37	33
UA3AB	"	1,944	27	24
RA3ICK	"	280	11	10
R3RK	**28**	**73,472**	**202**	**164**
RW3DU	**21**	**1,050,111**	**968**	**621**
RZ3VA	"	392,040	542	405
RJ3AA	"	156,729	363	267
RM5O	"	27,383	152	139
RW3XM	"	5,841	63	59
RT5Z	**14**	**4,914,560**	**2334**	**1097**
RT5K	"	1,185,900	1141	670
RA3OA	**7**	**501,421**	**531**	**389**
UA3A	**3.7**	**50,728**	**170**	**136**
RW3SY	**1.8**	**30,193**	**131**	**109**
***RM5D**	**A**	**3,587,622**	**1992**	**894**
*UA3BL	"	1,804,298	1349	674
*UA3ABJ	"	992,351	917	551
*RA3DAD	"	931,032	888	536
*RG5A	"	894,030	818	510
*RL3ZH	"	883,500	915	500
*RZ3DW	"	600,171	667	429
*RU3BA	"	577,918	721	482
*UA3AIU	"	440,886	571	394
*RN3ZJJ	"	311,298	496	338
*UA3RN	"	221,850	401	306
*RA3YDA	"	178,880	269	260
*RL3ZZ	"	159,517	385	269
*RU3VV	"	146,050	326	254
*RU3FT	"	142,496	310	244
*R3QX	"	138,030	348	258
*UA3DKT	"	135,108	291	243
*RN3BU	"	128,520	316	270
*RD3QA	"	125,100	272	225
*RX3AEX	"	114,975	283	225
*RK3DU	"	109,616	282	221
*RN3ZIN	"	90,675	253	195
*RY3F	"	89,666	266	214
*R3AAA	"	77,792	222	187
*UA3AKI	"	50,706	188	162
*UA5D	"	41,328	164	144
*RW3WX	"	32,480	126	112
*RZ3DC	"	31,680	115	110
*RU3UB	"	31,590	133	130
*RA3LDX	"	31,047	145	131
*RA3RUF	"	30,504	132	124
*RU3AWK	"	29,260	159	133
			(OP: RU3ALH)	
*RD5D	"	27,140	124	115
*RA3IS	"	25,670	95	85
*RM2T	"	21,182	132	119
*UB3DAO	"	20,400	104	100
*RN3FY	"	19,380	127	114
*R3OA	"	19,096	138	124
*RA3TUT	"	16,068	83	78
*RM3TO	"	15,180	117	110
*RA3RGQ	"	14,885	77	65
*RX3MM	"	14,328	75	72
*RA3BQ	"	12,716	74	68
*UA3DSS	"	10,833	71	69
*UA3MOM	"	10,434	80	74
*RK3IT	"	10,176	64	53
*RA3PPA	"	6,996	72	66
*RZ3QM	"	6,732	52	51
*RQ3M	"	6,292	50	44
*RW5D	"	5,180	47	37
*UA3YAA	"	3,333	35	33
*RX3ASQ	"	3,306	38	38
*RL3AN	"	3,128	39	34
*RK3IM	"	2,241	30	27
*RA3XGY	"	70	7	7
***UA3EDQ**	**28**	**77,736**	**194**	**158**
*RA3XO	"	2,106	27	26
***RK3SWB**	**21**	**607,212**	**663**	**501**
			(OP: RU3SD)	
*RA3DGH	"	63,963	257	207
*RD3AJB	"	14,508	96	93
***UA3VVB**	**14**	**311,236**	**497**	**391**
*UA3UJP	"	26,961	139	129
***R3LC**	**3.7**	**224,548**	**374**	**292**
RT4RO	**A**	**7,517,104**	**3448**	**1148**
RM4HZ	"	2,313,000	1886	750
RK4FM	"	1,129,115	966	599
RA4LFQ	"	536,836	566	412
UA4PAN	"	346,566	506	354
UA4W	"	278,726	378	301
UA4AAC	"	227,036	386	269
UA4NC	"	207,060	407	290
RA4PIT	"	142,835	325	245
UA4RF	"	111,250	249	178
RJ4F	"	102,612	264	204
RV4LC	"	99,485	235	197
RX4YY	"	82,875	280	221
RX4WX	**21**	**11,528**	**95**	**88**
RM4R	"	168	9	8
UA4CNZ	**14**	**738,078**	**907**	**583**
RA4LO	"	50,600	205	184
RU4SS	**3.7**	**370,596**	**478**	**347**
RN4HJQ	**1.8**	**40,125**	**148**	**125**
***UA4HBM**	**A**	**635,964**	**739**	**469**
*RA4ACX	"	557,600	676	425
*RZ4WZ	"	511,411	686	449
*UD4FD	"	351,190	480	346
*RN4HFJ	"	311,971	552	359
*RN4NF	"	205,086	319	266
*RN4CA	"	187,174	375	299
*RM4A	"	136,234	320	259
*RA4DR	"	116,403	295	241
*UA4UT	"	115,560	261	216
*RA4AAO	"	94,395	245	203
*RW4NH	"	76,797	191	161
*UA4CGR	"	64,216	210	184
*RN4HKQ	"	56,279	212	167
*UA4HDB	"	51,750	188	150
*R4HR	"	51,102	191	153
*RU4CO	"	44,064	147	136
*RW4LC	"	39,600	196	165
*R4IO	"	30,247	208	149
*R4WT	"	27,560	148	130
*RV4AB	"	20,492	97	94
*RV4HL	"	10,011	74	71
*UA4ARF	"	9,890	92	86
*UA4PCM	"	2,850	33	30
*UA4CNJ	"	2,392	30	26
*RA4PX	"	2,001	32	29
*RA4FP	"	1,058	24	23
*RA4UAT	"	645	16	15
***RV4LS**	**28**	**2,970**	**34**	**33**
*UA4WAG	"	1,173	23	23
*RW4LQ	"	126	9	9
***RU4SO**	**21**	**602,922**	**736**	**514**
*UB4AAV	"	160	10	10
***R4HAW**	**14**	**55,005**	**225**	**193**
*UA4SN	"	4,154	68	62
***RN4ADU**	**7**	**19,872**	**95**	**92**
***RA4PTI**	**3.7**	**47,886**	**163**	**138**
RC7A	**A**	**434,238**	**534**	**422**
RA6AR	"	104,196	291	228
RZ6HDX	"	45,981	167	131
RA7G	"	9,861	62	57
RU6L	"	5,850	45	39
UA6YI	"	1,495	25	23
RX6CC	"	805	23	23
RY7G	**28**	**477,282**	**848**	**422**
RA7A	"	6,272	49	49
R7FO	**21**	**691,834**	**846**	**533**
UA6AES	"	897	23	23
RV6ASU	14	3	1	1
RW6HJV	**7**	**456,120**	**487**	**362**
***R7MM**	**A**	**2,074,950**	**1439**	**725**
*RN6HCW	"	1,110,790	1039	565
*R7NA	"	1,067,692	994	586
*RL6MA	"	325,360	548	332
*UA6HHE	"	283,200	480	300
*RU6HL	"	280,376	435	404
*RA6LIS	"	232,806	456	322
*UA6II	"	172,920	352	262
*RX6LOL	"	118,650	261	226
*R7MP	"	103,456	294	212
*RN6MA	"	56,771	172	143
*RY7A	"	49,392	150	144
*UA6AGE	"	16,720	90	88
*RZ6LB	"	3,588	48	39
*RA6AAW	"	363	11	11
***RV6LX**	**28**	**36,234**	**143**	**122**
*RW6AH	"	35,712	160	128
*R6CW	"	34,608	133	112
*RX6MR	"	33,750	135	125
*RW7M	"	5,824	60	56
*RM6J	"	720	16	15
***R7BN**	**21**	**223,436**	**409**	**332**
*R7MC	"	38,398	150	146
*UB6ACR	"	22,040	125	116
***UA6LUQ**	**14**	**867,064**	**900**	**649**
*RU6YK	"	70,551	229	201
*RV6ACC	"	10,864	100	97
*RV6FT	"	341	11	11
*UA6JQ	"	324	19	18
***UA6YE**	**7**	**641,079**	**693**	**437**
UA9XF	**A**	**849,852**	**1053**	**516**
RD9FM	"	26,986	114	103
UA9FM	"	23,424	136	122
***R9FR**	**A**	**470,678**	**663**	**421**
*UA9XBJ	"	3,811	40	37
***RA9FEL**	**28**	**169,024**	**429**	**278**

European Turkey

TA1TA	**A**	**9,702**	**78**	**77**
***TA1DK**	**A**	**171,027**	**382**	**279**

Fed. Rep. of Germany

DF5MA	**A**	**1,668,576**	**1150**	**672**
DF9OO	"	1,015,880	855	545
DF7EF	"	919,100	796	505
DL9GWD	"	858,528	735	528
DFØBV	"	808,848	741	492
			(OP: DL1MAJ)	
DG7HL	"	684,950	698	475
DL5AXX	"	637,364	571	412
DL9DYL	"	564,554	521	439
DG1IU	"	478,336	702	404
DC1JAG	"	476,000	588	400
DM8ØØANH	"	347,812	487	356
DL8EAQ	"	331,272	448	344
DD8SM	"	308,160	449	320
DM3KXL	"	251,617	453	323
DL5MEV	"	233,282	290	266
DF2RG	"	213,567	342	277
DL1TPY	"	212,735	355	271
DJ8LX	"	184,262	322	247
DK5AI	"	169,785	282	245
DF5BX	"	155,034	320	243
DF6WE	"	150,016	335	256
DL1RYD	"	147,980	294	245
DF6RI	"	141,062	298	251
DL5YM	"	140,921	310	253
DL6DVU	"	124,655	280	233
DJ2QV	"	119,544	250	204
DL1WM	"	112,554	253	222
DL1PT	"	82,980	253	180
DL1LOD	"	75,990	186	170
DC9ZP	"	69,046	190	158
DJ7JC	"	63,722	165	151
DL3NCJ	"	55,444	213	166
DL8RB	"	51,220	157	130
DM2DXA	"	47,784	139	132
DG1ATN	"	45,895	161	137
DK2YL	"	32,490	131	114
DL6ZXG	"	21,620	99	92
DK7VW	"	21,204	104	93
DK1LRS	"	13,520	86	80
DG5YFK	"	9,108	72	69
DJ8QA	"	8,308	64	62
DLØSM	"	8,256	69	64
			(OP: DG3NEC)	
DL2RUG	"	3,534	39	38
DJ6YX	"	2,976	33	31
DL9MWG	"	2,112	33	33
DK6EA	"	918	19	18
DM2GM	"	880	20	20
DF1MM	"	476	14	14
DK7KD	"	462	22	21
DL2MJ	"	297	11	11
DL7BA	"	60	4	4
DL1EK	**28**	**190,610**	**331**	**245**
DK4IO	"	6,900	51	46
DL3APO	**21**	**2,890**	**35**	**34**
DJ1XT	"	432	12	12
DJ7WW	**14**	**80,364**	**261**	**222**
DL1MDZ	"	26,112	133	128
DL9ZWG	"	6,322	61	58
DF1IAQ	**7**	**264,017**	**432**	**299**
DJ2YE	"	134,890	266	235
DK7AN	"	63,474	152	142
***DL6NDW**	**A**	**1,510,625**	**1285**	**625**
*DJØMCZ	"	988,803	907	543
*DL4ZA	"	967,324	929	538
*DL4WA	"	724,916	726	508
*DF5BM	"	715,088	697	478
*DJ8UV	"	677,326	788	478
*DM2SR	"	524,208	591	402
*DM5JBN	"	451,526	580	401
*DL9OLI	"	351,616	467	328
*DK7CH	"	336,609	508	351
*DL1MHJ	"	317,220	434	311
*DM5BB	"	280,053	428	333
*DG3NEC	"	265,431	434	309
*DL7DET	"	201,772	412	292
*DL4EBA	"	192,873	378	269
*DM2AWM	"	191,100	363	273
*DF9FT	"	184,527	336	261
*DL1JGO	"	183,483	343	261
*DF2AJ	"	173,118	338	258
*DL4SZB	"	165,240	320	243
*DL3UX	"	164,475	352	255
*DK2WU	"	155,204	319	241
*DL2DQL	"	153,000	335	250
*DL2YAK	"	151,788	357	278
*DL5ALW	"	150,892	290	238
*DJ4DN	"	136,754	246	202
*DQØA	"	136,160	299	230
			(OP: DK2DQ)	
*DK7TA	"	123,625	273	215
*DO1CS	"	119,853	260	207
*DL6TA	"	118,622	293	229
*DK4GC	"	114,264	285	216
*DL9LF	"	107,038	247	218
*DF5AN	"	97,888	184	184
*DD1OP	"	80,200	206	200
*DO1HGS	"	77,464	194	184
*DD3D	"	72,670	198	169
*DK4WO	"	71,149	188	169
*DL1ARJ	"	68,526	196	162
*DJ9SN	"	67,716	185	162
*DL4LAX	"	67,694	209	181
*DF8XC	"	61,940	178	163
*DL5AWE	"	55,491	195	159
*DO5TMM	"	55,420	183	163
*DK7MCX	"	54,316	182	148
*DK6NF	"	52,992	158	138
*DB8AH	"	48,100	167	148
*DL1DF	"	47,740	172	154
*DH2PAF	"	41,292	163	148
*DD7NT	"	39,902	166	142
*DL4EAX	"	38,784	149	128
*DK2FW	"	38,634	163	137
*DO1NPF	"	38,376	142	123
*DG1LS	"	37,905	166	133
*DL5ZBA	"	37,820	144	124
*DO7TC	"	36,990	149	137
*DM3FF	"	33,098	155	134
*DL8ULO	"	31,578	135	114
*DL8UAA	"	31,000	141	125
*DL2RCH	"	30,634	123	106
*DK5FT	"	27,178	131	107
*DL9FB	"	23,544	127	109
*DK1FW	"	22,792	93	88
*DO6PS	"	21,952	106	98
*DO6RO	"	21,930	106	102
*DO6NI	"	20,806	104	101
*DL9HB	"	20,045	107	95
*DL2DUA	"	16,720	104	95
*DO2WHK	"	16,380	95	84
*DL1MWG	"	14,105	102	91
*DJ6UP	"	13,940	98	85
*DM5WH	"	13,493	115	103
*DL5ANS	"	13,464	74	68
*DJ5LY	"	13,192	72	68
*DF3MA	"	12,834	75	69
*DL3MVC	"	12,384	89	86
*DL6RAI	"	11,160	76	72
*DJ4PK	"	10,676	71	68
*DKØCN	"	8,321	57	53
			(OP: DG5DJ)	
*DH7TNO	"	8,249	79	73
*DL7ULM	"	7,824	53	48
*DG6DAF	"	7,546	55	49
*DL7VRG	"	7,380	65	60
*DL1GO	"	6,204	70	66
*DD9HK	"	6,095	55	53
*DFØMS	"	5,764	48	44
*DG4HZ	"	5,704	67	62
*DL8SAD	"	5,504	47	43
*DL9MFT	"	5,225	58	55
*DO3ED	"	5,060	47	44
*DK3WM	"	4,848	49	48
*DL1GT	"	4,646	46	46
*DL1RIO	"	3,648	50	48
*DL7CU	"	2,520	43	40
*DL5FCY	"	1,122	23	22
*DH1MST	"	969	20	19
*DJ5CL	"	576	16	12
*DK4EF	"	405	15	15
*DO5ALX	"	264	13	12
*DO8UO	"	260	10	10
*DL4HCF	"	220	11	11
***DJ6TK**	**28**	**28,310**	**108**	**95**
*DL2RZG	"	5,781	48	47
*DM3F	"	4,879	41	41
			(OP: DH5FS)	
*DLØMFS	"	1,700	25	25
*DC1DB	"	1,656	24	23
*DL5SWB	"	1,281	21	21
*DL3DRN	"	300	10	10
***DJ9ZB**	**21**	**111,616**	**236**	**218**
*DO3KMF	"	94,127	233	199
*DL4VAI	"	46,580	151	137
*DL2AL	"	19,285	104	95
*DL4JYT	"	17,889	89	89
*DO4VPF	"	2,904	44	44
*DO7CED	"	783	29	27
*DK2AB	"	240	12	12
*DL7LZ	"	119	7	7
*DL4HWM	"	78	6	6
*DO3MF	"	78	6	6
*DO2ABK	"	20	5	5
***DL9ZP**	**14**	**320,000**	**519**	**400**
*DL9LM	"	123,390	320	270
*DL1SBF	"	47,382	173	159
*DL1HSI	"	30,003	163	137
*DL6UAM	"	4,558	60	53
*DM3DA	"	3,869	57	53
*DH5WB	"	225	15	15
***DM4DX**	**7**	**270,774**	**441**	**307**
*DL5RU	"	185,344	290	256
*DH1DX	"	53,630	177	155
*DL/F4GFT	"	2,660	41	38
*DLØESA	"	1,978	23	23
			(OP: EA1HEO)	
***DF2DJ**	**3.7**	**923,832**	**881**	**504**

Finland

OH6LI	**A**	**6,787,131**	**2729**	**1059**
OH3LB	"	229,971	502	329
OH4BNP	"	138,424	304	242
OH1LEG	"	52,959	161	139
OH1B	"	35,264	125	116
			(OP: OH1BOI)	
OH6NT	"	23,400	105	100
OG7M	**28**	**31,209**	**116**	**103**
OG1M	**21**	**977,546**	**866**	**538**
			(OP: OH1VR)	
OH7JL	"	454,545	678	455
OH6GAZ	**14**	**25,878**	**124**	**114**
OH6NV	"	18	3	3
OH5NE	**1.8**	**18,492**	**100**	**92**
***OH2LU**	**A**	**340,423**	**541**	**361**
*OH9GGY	"	141,226	282	241
*OH3DP	"	135,752	302	239
*OH6FXW	"	675	15	15
*OH6G	"	594	23	22
			(OP: OH6ECM)	
*OH6GFI	"	264	12	12
***OH2BEN**	**28**	**23,328**	**110**	**96**
***OH1TD**	**21**	**23,199**	**123**	**111**
*OH8KVY	"	17,472	99	96
***OG3P**	**14**	**273,424**	**553**	**368**
			(OP: OH3P)	

France

TM6M	**A**	**15,743,661**	**4063**	**1203**
			(OP: F8DBF)	
F5VKT	"	1,990,872	1280	709
F6DZU	"	1,462,920	1194	668
F4DSK	"	833,340	803	510
F5POJ	"	637,515	747	457
F5BBD	"	477,360	612	408
TM38O	"	434,592	671	432
			(OP: F6ITD)	
F1AGR	"	277,242	388	294
F5PAL	"	258,071	411	319
F6GPT	"	226,719	431	311
F4FLF	"	172,960	315	230
F4DSE	"	134,995	314	245
F5CQ	"	67,032	159	147
F5VML	"	46,718	152	142
F1PYN	"	28,702	125	113
F8DFP	"	22,002	128	114
F4GWY	"	14,872	94	88
F4FNT	"	10,521	66	63
TM4W	**28**	**1,272,700**	**1039**	**572**
			(OP: F5HRY)	
TM1W	**21**	**5,601,827**	**2479**	**931**
			(OP: F1HAR)	
TM7X	"	2,553,224	1559	727
			(OP: F5BSB)	
F5JY	"	49,135	166	155
F6CZV	"	10,540	71	68
F8ARK	**14**	**2,221,193**	**1566**	**793**
F5VMN	**3.7**	**165,085**	**295**	**241**
***F1AEY**	**A**	**734,487**	**782**	**509**
*F8AEE	"	580,440	701	420
*F6DRP	"	489,069	624	441
*F4DPW	"	364,744	507	359
*F4DLL	"	315,235	503	335
*F8VNU	"	162,150	292	235
*F6GCI	"	153,140	295	247
*F5GGL	"	145,894	277	238
*F4FSY	"	141,834	287	231
*F4DXP	"	109,312	289	224
*F4BPO	"	94,535	227	185
*F5BTH	"	76,860	210	183
*F8KKH	"	60,822	205	186
			(OP: F4GBW)	
*F4GLQ	"	41,019	132	113
*F4LKJ	"	37,814	152	146
*F4DVO	"	37,539	163	129
*F1IWH	"	22,660	126	110
*F4GCU	"	20,304	108	94
*F4FSB	"	20,196	126	102
*F8DYD	"	19,104	104	96
*F4FZR	"	15,045	91	85
*F5MA	"	10,944	85	76
*F4GVP	"	9,179	68	67
*F4FWN	"	540	18	18
***F5LIW**	**28**	**194,640**	**319**	**240**
*F1UJS	"	180,792	294	243
*F4FQZ	"	97,680	233	185
*TM22P	"	60,150	194	150
			(OP: F6HRP)	
***F5DRD**	**21**	**55,870**	**169**	**151**
*F4CGJ	"	2,204	38	38
*F5ISY	"	800	31	25
*F4FOO	"	3	1	1
***F4GTD**	**7**	**592,724**	**645**	**418**

Greece

SV2GJV	**A**	**988,264**	**997**	**524**
J47X	"	325,827	525	369
			(OP: SV7BVM)	
SV1QN	"	308,700	450	315
SV1JSN	"	192,510	325	270
SV2JAO	**28**	**261,948**	**389**	**263**
SV1JG	"	238,497	398	287
SZ6P	**21**	**245,520**	**492**	**341**
			(OP: SV1BJW)	
SV1BFW	**7**	**3,920**	**35**	**35**
SV1GRD	**1.8**	**7,257**	**63**	**59**
***SV7CUD**	**A**	**94,940**	**237**	**202**
*SV1MNF	"	69,696	244	192
*SV1HKD	"	16,910	102	95
***SV2YC**	**21**	**6,780**	**63**	**60**
***SV1MQJ**	**14**	**40,716**	**201**	**174**
*SV1MRV	"	14,060	104	95
*SV1OBY	"	320	16	16

Guernsey

MUØFAL	**28**	**37,744**	**131**	**112**
***2UØFER**	**A**	**12,865**	**92**	**83**
***MUØGSY**	**28**	**146,272**	**336**	**224**

Hungary

HG3R	**A**	**9,759,981**	**3317**	**1169**
			(OP: HA3NU)	
HAØHW	"	135,235	270	215
HA9SU	"	3,234	51	42
HG1G	**28**	**205,840**	**324**	**248**
***HA5UA**	**A**	**50,697**	**153**	**131**
***HG8YKO**	**3.7**	**155,350**	**308**	**239**
***HA7JQK**	**1.8**	**720**	**20**	**18**

Iceland

TF1CY	**A**	**803,995**	**984**	**565**
TF3AM	"	228,422	524	362
TF8GX	**28**	**47,376**	**219**	**168**
TF3CW	**14**	**1,766,676**	**1351**	**692**
***TF3SG**	**A**	**167,399**	**286**	**229**

Ireland

EI9HX	**A**	**4,350,192**	**2137**	**924**
EI9E	"	573,496	592	418
			(OP: EI2FG)	
EI9FVB	"	86,457	208	179
***EI8GQB**	**A**	**2,193,620**	**1601**	**767**
			(OP: ON4EI)	
*EI4GNB	"	811,890	804	485
*EI3CTB	"	392,040	551	363
*EI4GXB	"	212,667	360	273
*EI9GSB	"	92,650	249	218
*EI4GAB	"	78,912	226	192
*EI5JQ	"	22,080	113	96
*EI2KA	"	2,201	34	31
***EI6JK**	**7**	**625,820**	**639**	**415**

Italy

IR4M	**A**	**2,846,480**	**1387**	**680**
			(OP: IK2NCJ)	
IZ3SQW	"	1,957,893	1430	701
IV3UHL	"	1,603,797	1273	663
IK8UND	"	964,320	993	560
IK6GPZ	"	954,738	884	531
I4XNN	"	723,120	730	460
IK2LFF	"	608,832	765	453
IZ5ILK	"	415,888	487	374
4U1GSC	"	361,344	558	384
I4AUM	"	360,525	486	345
IW2ETR	"	358,432	525	368
IK6LBV	"	259,160	397	310
IZ8IEV	"	258,116	485	346
IZ8FFA	"	160,356	272	249
IZ4EFP	"	144,060	299	245
IWØSAF	"	117,070	281	230
IZØRCP	"	83,265	205	183
IZ7SLU	"	72,982	208	182
IZ6RWD	"	34,176	148	128
IKØUXO	"	4,536	43	42
IK3PQG	"	270	10	10
IZ8TDP	**28**	**142,987**	**249**	**221**
IZ8HUJ	"	31,030	111	107
IWØHLZ	**21**	**163,548**	**345**	**252**
IZ2SNI	"	13,694	82	82
IN3ZNR	**14**	**1,991,424**	**1424**	**768**
IZ7PDX	"	1,295,448	1279	701
IZØPAU	"	328,856	614	407
IK4DCX	"	101,660	285	230

IZ1NBX	"	21,358	125	118
IK3UNA/1	7	738,700	803	445
IW5ELR	"	294,118	424	319
IKØGDG	"	265,482	377	294
IC8WIC	3.7	834,968	772	488
IR1A	1.8	97,709	259	199
				(OP: IK1GPG)
IZØGIF	"	1,980	31	30
*IR4X	A	6,328,036	2379	1012
				(OP: IZ3EYZ)
*IO2Z	"	2,028,285	1270	705
				(OP: IK2DZN)
*IV3BCA	"	418,264	458	392
*IKØXBX	"	391,590	481	342
*IK7NXU	"	363,216	454	376
*IK7RVY	"	253,890	434	315
*IZ2BKA	"	219,608	368	283
*I1DXD	"	215,594	405	289
*IZ3GNG	"	205,744	337	308
*IZ5MKA	"	203,000	346	280
*IK3SSW	"	192,384	364	288
*IZ7FLT	"	158,337	295	241
*IK7WPD	"	147,500	308	250
*IW1RHR	"	104,607	256	197
*IZ3QCH	"	103,092	272	213
*IZ2UST	"	97,970	258	202
*IK8NSR	"	93,258	215	198
*IZ5IMD	"	76,065	191	165
*IQ7AF	"	75,624	227	184
*IK2YSJ	"	68,378	213	179
*IZ5RKC	"	61,845	190	155
*IZ2LQD	"	61,576	194	172
*IW2NRI	"	60,264	180	162
*I1YGQ	"	57,720	194	156
*IN3ADW	"	53,592	189	154
*IZ1TYP	"	47,233	160	149
*IK2IKW	"	42,742	158	142
*IN3IZT/I7	"	35,712	140	124
*IZ2NZZ	"	28,188	132	116
*IN3JRZ	"	27,820	151	130
*IN3EHR	"	25,920	142	120
*IW4AOT	"	24,948	96	84
*IN3JJI	"	24,408	133	113
*IZ2WFL	"	24,336	134	117
*IZ4RYS	"	23,265	105	99
*IZØKBA	"	22,248	119	103
*IO7R	"	21,216	109	96
*IZ1MLS	"	20,806	101	101
*IK2QIN	"	19,710	96	90
*IZ8EEL	"	19,201	96	91
*IZ1HBC	"	19,008	107	96
*IZØPMV	"	17,664	76	69
*I2BZN	"	16,434	101	83
*IZ1FAL	"	15,480	95	90
*IK2SGB	"	14,162	78	73
*IW1RGP	"	13,851	88	81
*IK6SBW	"	12,320	87	77
*IK2SGL	"	12,160	84	76
*IN3EJN	"	11,988	84	81
*IK5YJK	"	11,712	68	64
*IZ2NYY	"	11,592	72	69
*IWØEAC	"	11,310	69	65
*IV3IDP	"	11,172	85	76
*IK4XQT	"	9,976	93	86
*IZ5EKX	"	9,940	71	71
*IZ1QYD	"	9,864	79	72
*IR1X	"	8,360	61	55
*IWØBET	"	5,661	54	51
*IN3MSD	"	5,236	46	44
*IV3BGG	"	4,968	48	46
*IZ1QXW	"	4,914	45	42
*IZ5LZP	"	4,900	53	50
*IZØTHT	"	4,032	50	48
*IZ1QXV	"	3,432	41	39
*IW3BTR	"	2,754	35	34
*IK5BOH/2	"	2,697	31	29
*IW5ELA	"	2,240	29	28
*IZ8LIP	"	1,705	31	31
*IZ8CLM	"	1,656	26	24
*IK2AUK	"	1,558	39	38
*IZØIRH	"	1,116	36	36
*IZ8DUD	"	940	20	20
*IZ1REP	"	756	27	27
*IZ3SXO	"	756	29	27
*IZ5IOM	"	704	16	16
*IW2DJN	"	512	17	16
*IZ8IBC	"	448	16	16
*I3YYY	"	312	22	13
*IZ2CSX	"	192	12	12
*IZ2SSO	"	77	7	7
*IW2FLB	"	75	5	5
*IK2OLD	28	50,439	152	129
*IW2BZY	"	37,064	125	113
*II7M	"	12,816	77	72
				(OP: IZ7SIA)
*IZ5WTV	"	12,342	72	66
*IW5ECP	"	11,658	69	67
*IZ5UGE	"	8,415	62	55
*IZ5TJF	"	12	3	3
*IO3K	21	237,336	395	319
*IZ5HSK	"	179,025	308	275
*IZ5CMI	"	104,682	254	219
*IK1BBC	"	96,515	228	199
*IZ5UGM	"	12,960	73	72
*IK8TFN	"	9,450	75	75
*IX1CKN	"	4,092	44	44
*IW4CXK	"	377	13	13
*IZ2ACD	14	559,035	750	505
*IQ2DN	"	371,234	560	419
				(OP: IZ2JQP)
*IIØK	"	85,008	288	231
				(OP: IZØUME)
*I3QKO	"	75,712	224	224
*IR7M	"	31,610	157	145
				(OP: IK7TAI)
*IZ2JNN	"	6,674	76	71
*IZ5MXA	"	5,600	61	56
*IZ6NNH	"	3,240	55	54
*IQ1BD	7	283,976	414	308
				(OP: IZ1DGG)
*IZ5RLK	"	184,832	324	256
*IZ7SIA	"	34,574	125	118
*IQØCI	"	4,346	41	41
				(OP: IKØVVE)
*IZ5OQX	3.7	3,066	42	42

Kaliningrad

UA2CZ	A	47,244	138	127
UA2F	14	545,280	605	384
				(OP: UA2FB)
*RT2F	A	34,432	159	128
*RA2FU	"	29,890	149	122

Latvia

YL2SM	A	7,700,524	2972	1124
YL2IP	21	38,497	151	137
YL2BJ	14	2,611,614	1739	843
YL3FT	7	2,824,356	1281	746
*YL3DR	A	805,475	781	505
*YL2CR	"	255,664	450	304
*YL2NK	"	97,170	284	205
*YL2QV	"	17,280	93	90
*YL3DX	"	12,180	98	87
*YL1ZX	"	288	13	12
				(OP: YL2GCV)
*YL2PJ	21	89,208	233	189
*YL5W	14	569,016	863	504
*YL2GUV	3.7	336,980	450	332

Lithuania

LY9Y	A	6,090,858	2481	1046
LY2MM	"	1,171,810	952	565
LY2ER	"	210,375	337	255
LY2AE	28	88,810	204	166
LY2DM	21	167,700	309	260
LY2UU	7	485,000	490	388
LY5O	"	138,416	288	211
LY2BKT	3.7	13,090	84	77
LY2OU	1.8	228,285	386	285
*LY1R	A	4,803,825	2208	975
				(OP: LY9A)
*LY6A	"	2,594,761	1690	767
*LY4T	"	1,201,008	1016	573
*LY3B	"	681,777	736	443
*LY2TS	"	615,276	718	422
*LY2N	"	281,710	427	286
*LY1DJ	"	201,280	417	296
*LY2OM	"	130,200	292	217
*LY1NDN	"	96,585	286	235
*LY2BIS	"	93,215	227	181
*LY1VP	"	81,030	235	185
*LY2BBF	"	38,016	157	128
*LY2HQ	"	6,200	65	62
*LY4Q	"	3,960	50	45
*LY8O	14	618,838	768	506
*LY5I	7	488,824	481	392

Luxembourg

LX7I	A	12,685,492	3717	1108
				(OP: LX2A)
LX1SG	"	468,305	608	409
LX3PR	"	15	3	3

Macedonia

Z35X	A	926,256	918	552
Z32XU	28	14,008	74	68
Z36W	21	37,400	172	136
*Z35F	A	105,408	321	244
*Z35W	21	289,167	472	339
*Z37Y	"	246,328	475	328
				(OP: Z3ØKNA)
*Z31MM	"	560	20	20
*Z37V	14	225	15	15
				(OP: Z39W)
*Z33F	7	651,651	582	429

Malta

9H1XT	A	48,504	165	141

Market Reef

*OJØVM	A	136,427	295	227
				(OP: OH6VM)

Moldova

*ER4LX	A	1,121,940	1051	542
*ER3CT	"	622,576	703	466
*ER1CS	14	194,370	400	330
*ER2RM	1.8	33,408	134	116

Netherlands

PC2T	A	1,722,105	1295	693
PA1NHZ	"	331,114	511	353
PE2LZ	"	305,276	421	334
PA7AL	"	200,616	442	312
PAØJNH	"	109,824	230	208
PAØLOU	"	108,150	235	206
PE1LUB	"	72,168	224	194
PDØMHZ	"	60,681	211	179
PAØDOM	"	27,768	115	104
PD1B	"	20,670	117	106
PAØVST	"	1,404	26	26
PA2A	"	925	25	25
PA2MRT	7	216,008	291	268
PA2WO	"	183,401	426	241
*PA8KW	A	1,023,990	861	535
*PA1PE	"	403,333	461	367
*PA3ACA	"	290,624	389	304
*PG1R	"	244,200	451	296
*PA2W	"	243,824	399	311
*PA9WOR	"	217,848	435	313
*PA3DBS	"	212,472	407	312
*PD73X	"	196,196	424	308
				(OP: PDØEMR)
*PA2GRU	"	153,386	353	271
*PAØEMO	"	134,478	335	241
*PA9CC	"	128,040	292	220
*PA3FMC	"	125,628	295	228
*PHØAS	"	121,338	244	214
*PA3EWG	"	110,432	297	232
*PA4HM	"	105,160	292	239
*PA2PCH	"	83,842	259	206
*PA3FOE	"	76,356	257	202
*PA3CMF	"	75,819	252	199
*PA7BAS	"	64,617	225	181
*PDØME	"	54,908	169	148
*PD3ALX	"	53,250	155	142
*PE1RWL	"	51,840	186	160
*PD1ABO	"	47,376	193	168
*PA1VC	"	46,944	185	163
*PE1MR	"	41,595	168	141
*PA/DL1KSR	"	40,404	181	148
*PE1OLM	"	39,204	147	132
*PA2CHM	"	37,422	171	154
*PA1TO	"	34,749	167	143
*PD1TV	"	33,135	160	141
*PA2CVD	"	32,265	158	135
*PA1ØØNOM	"	30,702	150	129
				(OP: PAØFAW)
*PA8KM	"	29,606	151	131
*PAØJHS	"	28,665	124	105
*PAØCGB	"	21,909	117	109
*PA5CA	"	21,620	94	92
*PD1SGH	"	21,293	112	107
*PC3H	"	19,210	137	113
*PAØB	"	15,750	105	90
*PA3DCU	"	15,318	83	74
*PA3ARM	"	12,905	99	89
*PA3MET	"	12,640	87	80
*PAØCYW	"	11,880	98	88
*PA3HGF	"	9,798	76	71
*PD1LG	"	7,548	73	68
*PDØDK	"	6,643	82	73
*PA3J	"	5,772	54	52
*PE1DGM	"	5,445	58	55
*PA9HR	"	4,815	47	45
*PA3RC	"	1,357	23	23
*PA3DDP	"	1,150	25	23
*PAØLIE	"	1,034	23	22
*PAØRHA	14	4,260	67	60
*PA3GEO	"	3,245	56	55
*PE1RMO	"	16	4	4
*PA8C	7	24,510	100	95

Northern Ireland

*GI7AXB	A	573,648	697	456

Norway

LN8W	A	4,863,488	2225	944
				(OP: LB1GB)
LA6KOA	"	519,750	783	450
LA3ZPA	"	185,744	311	247
LA8HGA	"	154,406	391	287
LB9RE	"	94,792	195	164
LA2OTA	"	19,250	125	110
*LA5LJA	A	723,330	811	470
*LA3BPA	"	510,848	563	416
*LA1DSA	"	327,474	501	339
*LA2HFA	"	279,270	503	321
*LA3HPA	"	167,679	383	279
*LA8OKA	"	117,236	283	212
*LA2NTA	"	86,922	248	198
*LA7TN	"	77,224	263	197
*LA9OSA	"	54,720	200	171
*LA2RR	"	21,900	104	100
*LA4AAA	"	10,934	79	77
*LA6VQ	"	6,028	49	44
*LA9NSA	"	1,025	26	25
*LA7IJA	28	60	5	5
*LA1ORA	14	25	5	5

Poland

SO6I	A	2,324,582	1554	754
				(OP: SP6JIU)
SP9AQF	"	2,224,995	1354	703
SP5VYI	"	1,266,432	1130	582
SQ7DQX	"	1,220,184	1204	538
SN5V	"	1,046,653	856	589
				(OP: SQ5EBM)
SP5IT	"	132,288	247	208
SP4OIZ	"	91,494	278	207
SP9OHL	"	66,256	190	164
SP5GMM	"	37,888	129	128
SP8TDV	"	20,332	95	92
SP9AUV	"	960	24	24
SP1II	"	352	11	11
SP8HXN	"	105	7	5
SQ6R	21	366,996	477	357
SP3GXH	"	124,320	258	210
SP8BQL	"	91,630	228	187
SN5U	"	1	1	1
SP3ASN	14	54,540	200	180
SP3GTS	3.7	390,375	507	347
SP4JCP	1.8	172,500	354	250
*SO9G	A	508,654	590	394
				(OP: SP9DTE)
*SQ2WHH	"	501,684	675	388
*SN3B	"	450,300	599	380
				(OP: SQ3JPV)
*SP8CGU	"	405,858	508	346
*SN1J	"	332,010	396	315
				(OP: SP1MWF)
*SP5X	"	277,550	429	305
*SQ5LTL	"	234,000	371	300
*SP6OPZ	"	233,428	417	268
*SP9RTL	"	231,844	412	298
*SP8UFB	"	216,006	358	278
*SP6QKS	"	206,873	412	283
*SP3HZG	"	205,556	383	268
*SQ9NKK	"	204,060	373	285
*SP6RYD	"	200,405	367	269
*SP3UIW	"	188,496	361	264
*SQ5NWD	"	186,461	334	253
*SP1QXK	"	173,910	320	255
*SP4FMD	"	170,880	369	267
*SP6NVK	"	157,045	348	245
*SQ9IAU	"	154,178	310	254
*SP5LKJ	"	145,418	305	238
*SP4AAZ	"	124,173	289	219
*SQ9CWO	"	114,300	237	225
*SP5TWA	"	105,152	259	212
*SP3JZX	"	103,390	274	211
*SP3SPK	"	95,475	261	201
*SQ5JUP	"	95,275	227	185
*SQ6NEJ	"	80,750	253	190
*SP8BOZ	"	74,250	258	198
*SN4W	"	73,850	218	175
				(OP: SP4ICP)
*SQ3VV	"	69,125	203	175
*SQ5ASR	"	68,554	188	151
*SP2RIQ	"	66,861	203	171
*SQ1PTO	"	62,678	198	154
*SQ9LOM	"	60,756	199	166
*HF1Z	"	58,353	192	159
				(OP: SP1EG)
*SP7VS	"	57,565	158	145
*SQ8GUM	"	57,218	165	134
*SQ6STI	"	44,384	157	146
*SQ6LJV	"	40,454	124	113
*SP4AVG	"	33,250	141	125
*SP9DEM	"	23,166	105	81
*SP2ILQ	"	21,658	112	98
*SP9JZT	"	19,437	97	93
*SP5GDY	"	18,078	87	69
*SQ7OTA	"	8,758	62	58
*SP9CLO	"	6,426	53	51
*SQ9ONK	"	4,860	60	60
*SP1O	"	3,880	44	40
*SQ3PMM	"	2,886	39	37
*SP6EWB	"	1,584	37	36
*SQ8JMZ	"	1,100	26	25
*SQ7OTH	"	384	12	12
*SQ5RIX	"	136	8	8
*SP5MDB	"	65	5	5
*SP5AUY	28	124,701	239	197
*SP7DSI	"	55,380	149	130
*SQ8LSC	"	12,870	68	65
*SQ6ILJ	"	8,008	58	52
*SN9I	"	3,708	36	36
				(OP: SP9EMI)
*SQ9SHR	"	2,418	31	31
*SP3QYQ	"	602	15	14
*SQ5ABF	"	490	14	14
*SP5IKO	"	444	13	12
*SP1NY	21	301,950	409	330
*SP5UD	"	15,540	83	74
*SQ8OGC	"	3,567	42	41
*SP5BMU	"	1,275	26	25
*SP9IHP	"	954	19	18
*SP2MGR	"	432	12	12
*SP5GRM	14	1,255,130	1101	626
*SP1FRC	"	81,900	236	210
*SQ4G	"	50,112	211	174
*SQ1WO	"	46,306	195	169
*SP5DRE	"	22,620	128	116
*SQ3LLR	"	6,164	69	67
*SQ4KLM	"	2,907	56	51
*SQ3RLC	"	2,303	53	49
*SP6HDS	"	520	20	20
*SP9HZF	7	164,500	271	250
*SP9EML	"	14,898	79	78
*SP9LWH	"	12,530	71	70
*SP4SHD	3.7	274,920	403	316
*SQ2OSE	1.8	2,592	38	36
*SP8ONB	"	2,080	35	32

Portugal

CR6K	A	15,527,376	4289	1296
				(OP: CT1ILT)
CS2C	21	8,004,231	3341	1179
				(OP: OK1RF)
CT1IQI	7	51,170	125	119
*CT1EGF	A	255,200	380	319
*CT2KFA	"	230,298	381	293
*CT1ETK	"	228,000	430	300
*CT7ABG	"	156,180	386	285
*CT1JRZ	"	120,866	291	223
*CT2GMH	"	118,854	279	213
*CT2IWW	"	84,688	196	158
*CT1EBM	"	10,586	76	67
*CT1DJE	28	13,140	74	73
*CT1EEK	21	312,858	473	382
*CS5DX	"	132,235	265	265
				(OP: CT1EGW)
*CT1EVE	"	22,624	117	112
*CT1DZY	14	117,132	288	258
*CT1EWA	7	8,910	56	55
*CT1DKS	3.7	6	1	1

Romania

YO3CZW	A	5,926,176	2747	1026
YQ6A	"	2,484,300	1533	780
				(OP: YO6BHN)
YO3RU	"	1,107,700	1014	583
YO8RNI	"	440,022	544	354
YO9XC	"	344,442	500	354
YO9GVN	"	109,620	232	189
YO9IKW	"	104,127	199	183
YO7NE	"	42,700	133	122
YO5CUQ	"	16,352	102	73
YO7VT	"	7,950	56	53
YO9IF	28	8,736	61	56
YP3A	21	885,036	951	524
				(OP: YO3GOD)
YO8RAC	"	16,470	99	90
YO3JW	7	51,152	162	139
YO4AUP	3.7	29,040	115	110
*YO5KTK	A	991,278	910	522
				(OP: YO5PJF)
*YO7LCB	"	474,840	514	360
*YO4RST	"	401,488	511	368
*YO8SGN	"	311,084	501	332
*YO7ARY	"	305,270	504	343
*YO4US	"	247,428	454	316
*YO8THG	"	211,511	338	257
*YO5DGE	"	187,411	319	287
*YO2MKT	"	105,690	237	195
*YO6DBL	"	104,040	258	204
*YO2MLM	"	65,709	169	147
*YO7HKM	"	62,976	188	164
*YO8RFS	"	58,435	177	145
*YO9ADN	"	32,330	145	122
*YO9HRB	"	31,354	153	122
*YO9CSM	"	30,625	143	125
*YO7DBR	"	19,698	105	98
*YO2MKL	"	16,920	96	90
*YO2MLG	"	12,464	77	76
*YO9FLD	"	11,872	66	56
*YO2MBU	"	11,840	78	74
*YO7LKW	"	10,074	78	73
*YO5TP	"	8,350	55	50
*YO5CCQ	"	7,848	76	72
*YO4GVC	"	5,871	57	57
*YO3GLH	"	4,526	63	62
*YO8RFJ	"	2,881	46	43
*YO2SH	"	1,265	23	23
*YO2LIM	"	931	20	19
*YO5CRQ	28	65,888	168	142
*YO3FRI	"	34,138	117	101
*YO2MTG	"	16,650	79	75
*YO2ARV	"	3,816	39	36
*YO6OHS	"	2,640	35	33
*YO8SHK	"	48	4	4
*YO9CWY	21	26,269	135	109
*YO5AYT	"	9,660	80	70
*YO5KAS	"	48	4	4
				(OP: YO5CGB)
*YO5BTZ	"	27	3	3
*YO5CEU	"	12	4	4
*YO5ALI	14	255,065	489	367
*YO9FYP	"	96,924	323	246
*YO8RZJ	"	86,106	280	226
*YO9AGI	"	75,905	277	235
*YO8RES	"	42,579	196	171
*YO4DI	"	32,130	166	153
*YO6EZ	"	812	30	28
*YO2MJZ	7	150,332	267	236
*YO5BQQ	"	130,832	230	208
*YO9IXC	"	27,234	105	102
*YO4RSS	"	14,250	78	75

Sardinia

ISØHQJ	A	5,488	61	56
*ISØBSR	A	332,024	629	392
*ISØBGL	"	19,872	103	92

Scotland

GM7V	A	4,040,025	2272	885
				(OP: 2EØKLO)
GM3POI	"	365,442	490	294
MM3T	28	100,746	266	193
				(OP: GMØELP)
*MMØBQN	A	555,940	619	418
*MMØLBX	"	416,973	630	393
*MM1X	"	37,000	177	148
*GMØTTY	"	11,174	86	74
*GMØBKC	14	74,793	288	233

Serbia

YT5A	A	4,490,490	2154	885
				(OP: YT3W)
YU1DW	"	353,290	547	343
YT3H	"	250,515	370	293
YU5R	28	570,312	616	356
				(OP: YU6DX)
YT5W	21	6,010,788	2502	978
				(OP: YT7AW)
YT1A	14	2,565,574	1773	842
YT8A	7	6,557,886	2176	986
				(OP: YU1EA)
YU1AAX	"	37,605	126	115
				(OP: YT1BD)
YT4A	3.7	1,243,200	953	555
				(OP: YT1AA)
*YT3M	A	4,109,560	1986	910
				(OP: YT6W)
*YU/S56A	"	170,272	316	272
*YU5CW	"	93,978	264	207
*YU3MUP	"	51,356	182	148
*YT1KC	"	13,800	82	75
*YU8NU	"	1,922	33	31
*YU2EA	"	589	19	19
*YT3MA	28	23,545	99	85
*YT2AAA	14	341,523	588	417
*YU1TY	"	148,975	379	295
*YT1ET	"	58,962	259	186
*YT2SMS	"	11,712	103	96
*YT8WW	3.7	683,648	734	436

Shetland and Fair Isle

GZ5Y	A	907,798	885	541
				(OP: GM4SSA)

Sicily

IU9T	A	11,882,041	3395	1181
				(OP: IT9GSF)
*IT9ESW	A	566,420	643	446
*IW9FI	"	253,761	458	337
*IW9HHB	"	78,624	268	216
*IT9AZK	"	77,220	243	180
*IT9CLN	28	9,686	61	58
*IT9YAO	"	3,348	37	31
*IT9LED	21	264,152	447	356
*IT9AXQ	"	18,117	107	99
*IT9AJP	"	12,166	88	79
*IT9MYY	14	97,751	272	239
*IR9P	7	157,974	257	226
				(OP: IW9HMQ)

Slovak Republic

OMØR	A	11,644,387	3402	1123
				(OP: OM3GI)
OM8AA	"	85,140	221	180
OM3IAG	"	26,287	115	97
OM1ADX	21	224,790	382	295
OM3DX	"	133,152	266	219
OM7RU	1.8	340,599	502	331
*OM7AB	A	743,652	813	468
*OM4DN	"	422,096	600	368
*OM1DK	"	400,140	456	405
*OM8FR	"	350,660	528	356
*OM6AL	"	341,658	507	342
*OM2DT	"	119,567	252	203
*OM7AX	"	53,949	187	147
*OM3ZBG	"	729	27	27
*OM3TB	14	77,608	264	218
*OMØWR	"	8,755	97	85
*OM6TX	7	81,420	198	177
*OM3CDN	"	71,442	179	162
*OMØCS	3.7	213,030	366	270
*OM7AGF	"	3,549	42	39

Slovenia

S59ABC	A	7,429,512	2776	1047
				(OP: S56AA)
S53MM	"	7,006,725	2604	1045
S51F	"	4,107,465	1960	873
S52OP	"	2,063,061	1339	693
S56B	"	1,030,450	969	557
S5ØK	14	4,833,312	2405	1012
S54ZZ	"	1,510,548	1229	598
S54K	3.7	849,420	812	484
*S5ØA	A	4,732,052	1933	901
*S52BT	"	146,371	262	197
*S59GS	"	102,128	263	208
*S51JS	"	69,973	190	167
*S51I	"	54,750	172	150
*S56ZZZ	28	1,218	22	21
*S52Q	21	22,119	112	101
*S52WW	14	674,245	827	533
*S57U	"	453,840	663	465
*S57PKT	"	257,890	509	370
*S57ZT	"	1,700	35	34
*S57LR	"	140	10	10
*S57DX	7	2,270,452	1264	692
*S53N	3.7	220,792	362	286
				(OP: S58G)

Spain

EE7L/1	A	1,220,940	1344	612
				(OP: EA7HLU)
EA1AR	"	80,964	190	156
EB1IC	21	153,330	326	269
EA1AAW	3.7	199,867	323	269
*EA1JO	A	241,961	430	331
*EA1AY	"	75,660	236	194
*EA1KJ	"	41,480	149	122
*EA1HVW	"	11,550	67	66
*EA1GHH	"	6,496	57	56
*EA1CM	"	5,916	61	58
*EA1ET	"	1,566	28	27
*EF1J	"	270	10	10
				(OP: EA1GPL)
*ED1J	21	578,522	648	434
				(OP: EA1JJ)
*EE1B	"	387,045	512	423
				(OP: EA1YB)
*EE1X	14	101,255	300	263
				(OP: EB1EVX)
*EC1AQT	"	783	27	27
*EA1IFU	"	700	28	28
*EF1D	7	93,500	207	187
				(OP: EB1DJ)
EF2O	A	1,358,272	1015	608
				(OP: EA2AOO)

EE2W	**21**	**2,389,671**	**1432**	**711**
***EA2LMI**	**A**	**1,090,100**	**983**	**550**
*EF2F	"	287,066	514	362
			(OP: EA2DNR)	
*EA2RW	"	78,676	211	178
*EA2BVV	"	15,120	121	105
*EA2AVM	"	14,499	89	81
*EA2DDE	"	10,212	89	74
***EA2DT**	**14**	**479,160**	**691**	**495**
*EA2CHL	"	2,107	46	43
ED3B	**A**	**2,639,536**	**1697**	**796**
			(OP: EA3BOX)	
EF3A	"	660,500	755	500
			(OP: EA3KU)	
EA3HEK	"	2,492	31	28
***EE3P**	**A**	**1,246,474**	**1311**	**601**
			(OP: EA3DUW)	
*EA3GHZ	"	267,872	507	352
*EA3FCQ	"	220,629	360	293
*EB3WH	"	99,603	233	189
*EA3AYQ	"	97,614	249	198
*EA3GYK	"	71,925	214	175
			(OP: DK7TM)	
*EA3HJO	"	49,950	163	135
*EA3HDT	"	16,920	106	94
*EA3DWX	"	13,376	90	76
*EA3EXP	"	11,040	86	80
***EA3NA**	**28**	**72,822**	**192**	**159**
*EA3DJL	"	23,670	98	90
*EA3GXD	"	22,352	94	88
***EF3E**	**21**	**32,640**	**150**	**136**
			(OP: EC3PL)	
*EF3AB	"	31,490	148	134
*EE3E	"	189	9	9
			(OP: EA3ELZ)	
EA4KD	**A**	**2,231,829**	**1402**	**711**
EA4TG	**21**	**346,626**	**572**	**393**
***EA4EF**	**A**	**92,004**	**219**	**187**
*EA4GHB	"	44,950	179	155
*EA4CWW	"	38,160	155	120
*EA4FLY	"	16,554	97	89
*EA4FJJ	"	9,519	64	57
*EA4MI	"	1,500	31	30
***EA4AOC**	**21**	**33,300**	**161**	**148**
***EA4YK**	**14**	**12,028**	**104**	**97**
EA5GTQ	**A**	**238,788**	**374**	**297**
EA5DIT	**28**	**27,200**	**106**	**100**
EB5KT	**21**	**674,424**	**851**	**522**
			(OP: EA5KV)	
EA5GS	"	139,682	284	211
EA5DFV	**14**	**3,898,378**	**2371**	**979**
***EA5AER**	**A**	**2,433,090**	**1703**	**803**
*ED5W	"	809,286	764	458
			(OP: EA5FWW)	
*EA5MON	"	342,990	467	333
*EA5HRB	"	320,112	442	324
*EB5CS	"	163,404	346	267
*ED5A	"	92,316	238	196
			(OP: EA5HRT)	
*ED5L	"	27,192	138	132
			(OP: EC5AEI)	
*EA5UJ	"	15,876	101	81
*EB5BB	"	10,836	77	63
*ED5Z	"	7,638	72	67
			(OP: EA5ZD)	
*EA5HRM	"	7,139	64	59
***EA5EOR**	**28**	**180,960**	**309**	**240**
*EA5HJO	"	51,408	162	144
*EB5BBM	"	50,400	147	126
***EA5XY**	**21**	**143,260**	**305**	**260**
*EA5HKZ	14	3,127	59	59
***EF5V**	**7**	**84,251**	**194**	**173**
			(OP: EA5AVW)	
EE7H	**A**	**393,312**	**611**	**408**
			(OP: EA7ELY)	
EA7HGX	"	3,760	50	47
EA7JB	**28**	**399,122**	**560**	**394**
EE7Y	**21**	**2,859,740**	**1871**	**884**
			(OP: EA7ISH)	
EA7ATX	"	253,528	459	344
***EE7R**	**A**	**1,165,794**	**954**	**574**
			(OP: EA7IA)	
*ED7R	"	1,009,125	1230	621
			(OP: EA7IZJ)	
*EE7J	"	105,340	265	229
			(OP: EA7FTZ)	
*EA7JIY	"	74,315	204	167
*EA7CWA	"	7,104	50	48
*EA7WV	"	4,080	42	40
*EA7JHV	"	1,887	42	37
***EA7EPF**	**28**	**26,037**	**107**	**99**
*EA7FRX	"	13,179	76	69
*EA7VJ	"	12,328	68	67
***EF7A**	**21**	**338,776**	**494**	**376**
			(OP: EC7ABV)	
*EA7HMD	"	43,299	161	153
***EA7RM**	**7**	**12,537**	**68**	**63**
Sweden				
SM4DQE	**A**	**911,113**	**946**	**511**
SM6NOC	"	833,257	758	487
SB6A	"	570,414	678	426
SM7PEV	"	171,810	300	249
SM2S	"	133,249	271	227
SM5EPO	"	128,444	238	197
SM7DQV	"	108,900	237	198
SM6CMU	"	93,120	197	160
SI3A	"	73,986	254	209
			(OP: SM3LIV)	
SLØW	"	63,420	189	151
			(OP: SMØAJU)	
SK7A	"	58,282	233	181
			(OP: SA7AOI)	
SA6P	"	51,194	177	143
			(OP: SA6AVB)	
SA7AUW	"	34,700	125	100
SM3NFB	"	21,255	117	109
SD3A	"	9,272	84	76
			(OP: SM3FJF)	
SM2IXM	**14**	**69,720**	**237**	**210**
SK2AZ	"	16,206	119	111
			(OP: SM2JEB)	
SM3M	**3.7**	**1,001,151**	**837**	**519**
***SJ7M**	**A**	**393,470**	**498**	**365**
*SM5BS	"	134,208	306	233
*SM3EAE	"	68,515	236	193
*SE6N	"	66,000	200	165
			(OP: SA6AXR)	
*SM6XUZ	"	54,009	198	153
*SA7AHC	"	38,907	134	131
*SAØE	"	28,080	152	130
			(OP: SAØBJL)	
*SMØHBV/3	"	26,904	133	114
*SI5Y	"	22,032	122	108
			(OP: SM5BKK)	
*SM6XVI	"	19,344	107	104
*SMØFM	"	14,507	92	89
*SM4WKT	"	13,515	91	85
*SH3O	"	11,424	71	68
			(OP: SM3TLG)	
*SM5ISM	"	10,492	67	61
*7S5S	"	5,000	52	50
			(OP: SM5CSS)	
***SM6RXZ**	**28**	**1,775**	**25**	**25**
*SM6IQD	"	1,224	24	24
*SK3W	"	588	14	14
			(OP: SM3SGP)	
*SM7RZJ	"	133	7	7
***SM6DPB**	**21**	**980**	**20**	**20**
*SH7DX	14	76,838	249	206
*SA3BGM/5	"	1,147	31	31
***SM5MX**	**7**	**275,280**	**366**	**310**
***SM6FJY**	**1.8**	**20,592**	**109**	**99**
Switzerland				
HB9CVQ	**A**	**1,167,438**	**887**	**537**
***HB9ARF**	**A**	**591,162**	**708**	**429**
*HB9WDY	"	374,960	504	344
*HB9MXY	"	146,229	297	237
*HB9RJG	"	127,676	310	236
*HB9EYP	"	119,004	264	211
*HB9EMS	"	10,585	79	73
***HB9TSU**	**28**	**5,117**	**47**	**43**
Ukraine				
UZ2M	**A**	**11,640,179**	**4007**	**1279**
			(OP: URØMC)	
UY7MM	"	4,222,968	2595	983
US5D	"	3,380,520	1762	858
			(OP: UT7DX)	
UXØRR	"	1,150,518	1006	569
UT6EE	"	1,061,174	945	529
US5UO	"	693,000	699	462
UR5RP	"	632,700	755	475
UT5RB	"	468,375	633	375
UT5UKY	"	340,736	488	352
UT8IT	"	212,878	350	326
UT2UB	"	200,100	385	276
UU4JC	"	164,724	310	259
UTØVE	"	124,280	296	239
UY8IO	"	114,124	268	206
UT7UE	"	52,850	188	151
US4IQS	"	50,048	164	136
UT8LN	"	9,348	64	57
US4IRT	"	3,503	34	31
UX7LL	28	3,638	37	34
UT6IS	**21**	**110,896**	**283**	**232**
UZØU	**14**	**3,250,640**	**1997**	**908**
			(OP: UY5ZZ)	
UT7QL	"	1,009,855	1111	671
UX1VT	**3.7**	**243,168**	**380**	**298**
UT5UGR	**1.8**	**299,882**	**455**	**317**
UT5ECZ	"	19,950	106	95
UR4LFA	"	6,380	59	58
***UU7J**	**A**	**6,531,670**	**2860**	**1115**
			(OP: UU4JMG)	
*USØHZ	"	2,084,541	1477	681
*UR4U	"	1,862,091	1272	693
			(OP: UR4UDI)	
*UT1IM	"	950,175	900	515
*UR5ETN	"	794,612	810	481
*UT3I	"	636,174	751	459
			(OP: US2IHS)	
*UTØLK	"	609,450	803	478
*UR7QC	"	569,622	632	417
*UV3QF	"	536,284	693	428
*UX3HA	"	510,198	709	403
*UY4F	"	468,714	628	409
*UZ2L	"	454,565	623	397
			(OP: US4LS)	
*UV5EEO	"	353,444	550	364
*UT2AA	"	339,577	480	349
*UYØCA	"	333,870	535	359
*US2IW	"	319,410	430	338
*US7IA	"	290,274	462	303
*UY1IP	"	283,028	525	346
*UX7FD	"	271,062	471	333
*UR7CT	"	254,529	410	297
*UR6LEY	"	239,008	396	308
*UX6IB	"	222,606	386	298
*US5IND	"	211,680	422	288
*UR3AHF	"	208,080	383	289
*UT1EI	"	189,630	319	258
*US7IY	"	173,283	382	267
*UY5TE	"	160,132	366	266
*UT5ULX	"	147,371	270	259
*US5ISV	"	147,048	336	264
*US6IKV	"	136,795	328	251
*UX2KA	"	110,768	218	184
*UUØJC	"	94,668	228	196
*UT4MW	"	88,592	230	196
*US7LM	"	86,193	219	183
*UT7LW	"	81,120	196	156
*UR5AMJ	"	67,744	173	146
*US7IID	"	62,832	193	187
*UR5MAF	"	52,598	217	182
*US5MSJ	"	48,960	170	160
*US8UA	"	44,156	149	133
*US5ZE	"	32,469	175	137
*UT8UD	"	31,098	150	146
*US7IGN	"	30,129	131	121
*UU2JA	"	27,825	115	105
*US0TA	"	23,912	110	98
*UT7VR	"	22,895	108	95
*UX3IO	"	22,357	98	79
*UR5LAK	"	15,366	93	78
*UY5TF	"	13,608	90	81
*UY2ZZ	"	12,348	68	63
*UT2HM	"	11,826	82	73
*UU3JU	"	8,700	77	75
*UR3LDO	"	6,960	52	48
*UX7FB	"	3,321	42	41
*US6IKF	"	1,971	27	27
*UT5JCE	"	1,944	29	27
*UR3LPP	"	1,675	26	25
*US3ITA	"	266	16	14
*UT2DV	"	5	5	1
***UT7EW**	**28**	**83,650**	**207**	**175**
*UTØNN	"	61,134	162	138
*UT1XX	"	40,680	140	120
*UT1UW	"	28,992	105	96
*UR5LCZ	"	2,465	29	29
*UT4PZ	"	588	14	14
*US0YA	"	546	14	13
*UT3EK	"	48	4	4
***UT7LA**	**21**	**266,455**	**413**	**331**
*UT7NW	"	241,293	389	299
*URØHQ	"	182,512	319	272
*UR5FCM	"	40,890	172	141
*UR3QNV	"	4,505	54	53
***UR5MM**	**14**	**357,136**	**588**	**442**
*UT8UF	"	219,172	550	349
*UR3PGW	"	75,820	257	223
*UT7MD	"	27,495	146	141
*UX7U	"	26,931	154	141
			(OP: UX7UA)	
*UR5EFL	"	23,091	145	129
*US0U	"	13,736	117	101
*US1MM	"	7,696	74	74
*US1GBH	"	437	20	19
***UZ7M**	**7**	**2,561,598**	**1177**	**738**
			(OP: UT9MZ)	
*UY2UQ	"	1,214,292	873	564
*UU2CW	"	1,042,317	745	537
*UT5PY	"	170,400	263	240
***US2IZ**	**3.7**	**169,596**	**320**	**252**
*UR8QR	"	60,621	170	167
*UX2MK	"	35,760	134	120
Wales				
GW9X	**A**	**449,748**	**578**	**403**
			(OP: MW1LCR)	
GW4BKG	**7**	**223,600**	**366**	**260**
GW4BLE	**3.7**	**146,642**	**322**	**227**
***GW8NBI**	**A**	**85,696**	**275**	**208**
*MW1CFA	"	30,186	158	129
***GW4EVX**	**28**	**55,338**	**165**	**138**
OCEANIA				
Australia				
VK4CT	**A**	**5,147,126**	**1882**	**733**
			(OP: VK4EMM)	
VK3TDX	"	1,044,120	795	440
VK3TZ	"	427,869	454	299
VK4GH	"	290,615	368	263
VK3AVV	"	142,880	253	188
VK8AA	"	48,190	149	122
			(OP: VK2CZ)	
VK2BCQ	"	25,872	99	77
VK2TTP	"	6,068	41	37
VK2PN	"	5,060	48	44
VK7GN	**28**	**391,876**	**437**	**313**
VK8AS	**21**	**387,504**	**518**	**276**
VK3GK	"	96,120	200	178
VK7ZX	**7**	**4,303,684**	**1249**	**623**
***VK5PAS**	**A**	**414,352**	**455**	**304**
*VK6MAB	"	82,335	190	165
*VK2ERP	"	75,190	181	146
*VK3FM	"	69,000	158	138
*VK2BO	"	38,986	124	101
*VK4BL	"	34,344	127	108
*VK3NRW	"	27,448	106	94
*VK7GM	"	24,780	95	84
*VK4FATT	"	15,276	68	57
*VK6WX	"	3,700	43	37
*VK5UE	14	176	10	8
***VK3VTH**	**7**	**12,288**	**50**	**48**
Brunei Darussalam				
***V85TX**	**14**	**13,940**	**72**	**68**
***V85ZX**	**7**	**64,449**	**145**	**93**
East Malaysia				
9M6YBG	**21**	**223,480**	**421**	**185**
***9W6ZAM**	**28**	**1,632**	**24**	**24**
Guam				
NH2T	**21**	**571,200**	**614**	**320**
			(OP: N2NL)	
***KH2/JO3XGY**	**21**	**27**	**3**	**3**
***N1BJ/KH2**	**14**	**12**	**2**	**2**
Hawaii				
WH7M	**A**	**12,799,780**	**3816**	**980**
			(OP: K1YR)	
NH7A	"	9,905,280	3214	924
NH6WZ	"	253,422	360	234
KH6OA	"	19,470	82	66
NH6P	**21**	**4,121,650**	**1935**	**746**
			(OP: KH7Y)	
KH6QJ	**3.7**	**1,938**	**19**	**17**
***KH6CJJ**	**A**	**672,948**	**662**	**324**
*NH6AB	"	203,732	318	212
*KH6SAT	"	8,450	52	50
*AH6KW	"	7,884	64	54
*KH6XL	"	4,800	44	40
*KH7AL	"	782	17	17
***WH7GG**	**14**	**972**	**18**	**18**
Indonesia				
YB4IR	**A**	**2,404,368**	**1233**	**566**
YB3OX	"	387,750	433	275
YC1LA	**21**	**1,173,786**	**831**	**498**
YC1KI	**7**	**304,590**	**290**	**195**
***YB1TJ**	**A**	**1,426,810**	**920**	**545**
*YB6EN	"	385,581	390	301
*YB1LZ	"	274,835	391	263
*YF1AR	"	158,603	262	199
*YB7SKM	"	114,560	248	160
*YB6DE	"	101,352	212	164
*YBØCOU	"	80,511	178	141
*YC1BRS	"	37,130	117	94
*YB7MRK	"	32,865	120	105
*YB1AQD	"	27,573	108	101
*YC6EI	"	21,812	82	76
***YBØNSI**	**28**	**869,440**	**688**	**440**
*YB3IZK	"	199,680	312	240
*YBØAKM	"	194,577	291	237
*YB1UUN	"	40,002	122	113
***YC9CT**	**21**	**90,111**	**231**	**147**
*YF8RIM	"	57,589	164	133
*YBØCOX	"	36,612	124	113
*YC1BTJ	"	8,305	57	55
*YC1DYY	"	8,140	58	55
*YC6EO	"	5,593	51	47
*YC6EFY	"	3,534	41	38
*YC1ELI	"	1,472	26	23
***YBØWZJ**	**14**	**675,540**	**579**	**417**
***YB2DX**	**7**	**303,048**	**275**	**207**
*YC2WBF	"	83,611	154	121
*YE3JT	"	62,480	132	110
*YB1BGI	"	31,242	94	82
*YD1DDB	"	19,825	73	65
*YCØIEM	"	4,929	31	31
*YD1BSL	"	1,600	20	20
*YF1FTK	"	564	13	12
*YD1EGP	"	290	10	10
*YB8EL	"	100	5	5
New Zealand				
ZL/VO1AU	**A**	**5,418,803**	**2168**	**797**
ZL2CC	**7**	**256,494**	**261**	**197**
***ZL3IO**	**A**	**6,182,904**	**2283**	**894**
*ZL2MM	"	33,558	124	94
*ZL3DW	"	10,664	68	62
***ZL1YE**	**28**	**314,464**	**435**	**248**
*ZL2UO	"	108	6	6
***ZL2GQ**	**21**	**39,618**	**163**	**93**
*ZL2K	"	1,820	28	26
			(OP: ZL2KT)	
Palau				
***T88TW**	**21**	**16**	**4**	**4**
Philippines				
4H1T	**A**	**2,695,510**	**1550**	**515**
			(OP: DU1VT)	
DU1AV	"	756,865	868	257
DU1UGZ	**14**	**162,393**	**268**	**209**
DU9XO	**7**	**494,750**	**447**	**250**
***DV1JM**	**A**	**1,341,072**	**979**	**402**
*DV1UBY	"	35,690	114	83
*DU6/N6SS	"	20,736	80	64
*DU7/KDØJJO	"	3,080	30	28
***DU1LC**	**21**	**406,340**	**640**	**220**
*DU1EG	"	160,050	290	194
*DU4JT	14	374	12	11
***DU7RH**	**3.7**	**130**	**5**	**5**
SOUTH AMERICA				
Argentina				
LT1F	**A**	**16,704,753**	**4334**	**1271**
			(OP: LU1FAM)	
LV5V	"	1,637,025	1012	575
			(OP: LU5VV)	
LT5Y	"	189,306	316	234
			(OP: LU1YU)	
LU9EY	"	112,833	253	199
LU3DAT	"	27,400	118	100
LU1VM	**21**	**493,649**	**578**	**299**
LU7DW	**7**	**1,239**	**22**	**21**
LU6FEC	**3.7**	**78,720**	**135**	**120**
***LU7HW**	**A**	**1,133,719**	**850**	**491**
*LU5FR	"	910,962	758	442
*LW1HR	"	436,050	494	342
*LW4EF	"	157,311	306	231
*LS9D	"	89,178	214	167
*LU5CAB	"	50,939	174	133
*LU7DSU	"	11,098	67	62
*LR1A	"	8,820	67	60
*LW7DUC	"	5,070	47	39
***LW8DQ**	**28**	**3,011,602**	**1433**	**746**
			(OP: LW7DX)	
*LU6FOV	"	2,837,100	1352	735
*LU7EC	"	2,525,888	1383	647
*AY8A	"	1,070,913	791	487
			(OP: LU8ADX)	
*LU8DCF	"	985,150	756	475
*LU9DAG	"	905,513	740	467
*LU3DR	"	779,833	663	433
*LU9DPM	"	284,856	386	286
*LU2ICA	"	170,496	278	222
*LU1EXR	"	147,705	264	215
*LW3DG	"	120,684	255	178
*LU5FF	"	118,110	219	186
*LU8DY	"	116,594	238	194
*LU3YEP	"	111,000	271	200
*LU1DR	"	52,780	163	140
*LU2FDA	"	30,492	129	99
*LO7D	"	16,279	87	73
			(OP: LW1DRH)	
*LU1MPK	"	14,742	83	78
*LW1EUD	"	11,844	82	63
*L73DX	"	5,750	48	46
			(OP: LU7DUE)	
***LU5MT**	**21**	**252,992**	**346**	**268**
***LR1H**	**14**	**665,660**	**603**	**401**
***LU1FM**	**7**	**13,384**	**58**	**56**
Aruba				
P49Y	**A**	**22,182,251**	**5312**	**1261**
			(OP: AE6Y)	
***P4ØW**	**A**	**13,062,600**	**3712**	**1080**
			(OP: W2GD)	
*P43E	"	1,046,560	858	422
Bolivia				
***CP1FF**	**A**	**98,640**	**216**	**180**
Brazil				
PT5T	**A**	**16,578,468**	**4461**	**1236**
			(OP: PP5XX)	
PP1CZ	"	2,759,888	1369	724
PY4RGS	"	2,006,901	1066	663
ZW5V	"	314,600	395	286
			(OP: PY5KA)	
PY1WS	"	276,352	367	254
PY1RY	"	197,760	333	240
PP5AX	"	68,425	186	161
PP5JY	"	65,268	169	148
PY2KP	"	36,822	133	114
PV8ADI	"	35,765	133	115
PV8CQ	"	32,054	117	94
PY3BRA	"	13,246	95	74
PW5G	"	8,874	53	51
			(OP: PP5WG)	
PY9BDA	"	1,419	39	33
PY2LCN	"	1,196	30	26
PY1SGT	"	323	20	19
PX5E	**28**	**17,785,368**	**4512**	**1368**
			(OP: PP5JR)	
PY5QW	"	4,643,936	1845	869
ZY5Y	"	3,215,668	1470	766
			(OP: PP5BS)	
PY7ZBK	"	121,220	246	209
PP5RZ	"	24,534	124	87
PU2WCD	"	13,612	89	82
PU2LVA	"	6,300	63	60
PY5KC	"	2,376	38	36
PU2OOT	"	380	21	20
PV8AA	"	3	1	1
PY8DX	"	3	1	1
PR5B	**21**	**11,236,625**	**3202**	**1205**
			(OP: PY2LSM)	
PY2NZ	"	9,184	59	56
ZV2V	**14**	**7,101,512**	**2370**	**1034**
			(OP: PY2LED)	
PS2T	**7**	**1,977,880**	**713**	**502**
			(OP: OH2MM)	
PV8ABC	**3.7**	**294**	**7**	**7**
***PY2NY**	**A**	**3,088,025**	**1438**	**745**
*ZX5ZZ	"	1,160,454	789	527
			(OP: PY5PDC)	
*PY5AS	"	787,314	643	453
*PY1PDF	"	139,152	296	223
*ZW2T	"	115,200	217	192
			(OP: PY2TI)	
*PY1ON	"	92,571	199	177
*PY2TEL	"	62,168	188	152
			(OP: PY2AXH)	
*PV8RF	"	49,950	165	135
*PY2MR	"	48,246	155	129
*PY2DXA	"	48,120	148	120
*PY3IP	"	46,683	151	133
*PY2RDZ	"	43,623	158	131
*PY3AJB	"	43,596	144	126
*PY1NS	"	39,424	148	128
*PR2W	"	30,485	127	91
			(OP: PT2AW)	
*PY3TIO	"	28,350	109	105
*PP7LL	"	24,510	117	95
*PY4DK	"	21,384	98	88
*PY3ZK	"	20,532	107	87
*PY2SRL	"	19,747	101	91
*PV8AZ	"	18,480	98	77
*PY2RFU	"	4,128	47	43
*PY1MT	"	2,730	40	39
*PY1PM	"	1,566	27	27
*PY1XP	"	988	27	26
*PV8DR	"	286	11	11
***PU2LEP**	**28**	**5,134,649**	**1932**	**923**
*PY2MTS	"	2,242,880	1221	652
*PU5FJR	"	1,463,405	957	541
*ZV2C	"	477,256	514	353
			(OP: PY2CX)	
*PY2TDX	"	337,518	405	306
*PU1PYZ	"	335,276	412	316
*PY2SBY	"	322,973	436	301
*PP5JAK	"	182,172	297	228
*PU5BIA	"	154,822	290	199
*PU1MMZ	"	150,570	289	239
*PU2WDX	"	134,480	259	205
*PU2KIV	"	89,595	222	181
*PU3SVA	"	31,635	119	111
*PU2UIB	"	29,945	129	113
*PU1SAT	"	28,304	126	116
*PX3X	"	26,765	120	101
			(OP: PY3DJB)	
*PY2YRC	"	17,640	93	90
*PU2KXM	"	14,514	97	82
*PU1KVA	"	11,920	90	80
*PY2HH	"	11,700	81	78
*PY2VOX	"	10,064	81	68
*PP5CIT	"	3,783	39	39
			(OP: PY5KC)	
*PU5ADX	"	3,626	40	37
*PU2RKP	"	3,555	51	45
*PY1CD	"	2,664	41	37
*PY1WX	"	2,613	40	39
*PS7DX	"	1,104	45	24
*PU2SDX	"	931	20	19
*PU8TLS	"	828	26	23
*PV8RR	"	352	17	16
*PU2LED	"	81	10	9
***PY4RR**	**21**	**4,002**	**47**	**46**
*PY2DJ	"	2,470	39	38
***PY1ZV**	**14**	**1,287,453**	**854**	**543**
*PY1TR	"	22,100	111	100
*PY4WWW	"	3,612	42	42
***PV2P**	**7**	**325,040**	**267**	**239**
			(OP: PY2DY)	
*PY6KY	"	8,643	44	43
*PY2LCD	"	7,406	48	46
*PS8ET	"	162	6	6
Chile				
XR3P	**A**	**1,034,640**	**783**	**479**
			(OP: CE3PG)	
CA3KHZ	"	175,350	305	210
CE3CT	**28**	**8,812,826**	**2991**	**1018**
			(OP: CE4CT)	
CE3EEA	**21**	**2,473,640**	**1303**	**670**
XR3A	"	103,463	239	157
***XQ7UP**	**A**	**2,216,865**	**1238**	**645**
*CE3WYZ	"	13,206	75	71
***CA3SOC**	**28**	**1,056,088**	**795**	**484**
*3G4W	"	96,425	227	175
			(OP: XQ4CW)	
*CE3TMM	"	340	17	17
***XR1I**	**14**	**445,284**	**480**	**342**
			(OP: CE1KR)	
Colombia				
HK1R	**A**	**1,976,744**	**1141**	**616**
HK1T	**7**	**14,512,230**	**2344**	**1062**
***5K3R**	**21**	**2,819,245**	**1389**	**715**
			(OP: HK3R)	
*HK3TK	"	68,908	178	161
***5K3W**	**14**	**3,564**	**36**	**36**
***HK6P**	**3.7**	**164,104**	**203**	**146**
Curacao				
PJ2T	**28**	**4,853,292**	**2171**	**788**
			(OP: AC8AP)	
***PJ2OF**	**A**	**5,192**	**45**	**44**
Ecuador				
***HC2/KF6ZWD**	**A**	**3,477,285**	**1630**	**735**
***HC1JQ**	**14**	**396,490**	**442**	**310**
Paraguay				
ZP5DBC	**28**	**991,028**	**811**	**436**
ZP5MAL	**21**	**507,276**	**534**	**366**
***ZP9MCE**	**28**	**583,920**	**585**	**360**
Suriname				
PZ5P	**A**	**15,667,080**	**4143**	**1210**
			(OP: RX3APM)	
Trinidad & Tobago				
9Y4W	**14**	**9,177,904**	**2869**	**1096**
***9Z4DZ**	**21**	**41,704**	**138**	**104**
Uruguay				
CW5W	**A**	**15,933,607**	**4213**	**1207**
			(OP: CX6VM)	
CX2DK	**21**	**3,551,292**	**1504**	**828**
***CX5TR**	**A**	**223,602**	**318**	**249**
*CX3TQ	"	135,596	275	218
***CX1DP**	**28**	**1,510,083**	**999**	**543**

*CX9AU	"	823,832	692	424
*CX2TG	"	635,375	598	391

Venezuela

YV6BXN	**7**	**259,584**	**229**	**208**
4M5W	**3.7**	**491,301**	**360**	**237**
			(OP: YV5MSG)	
***YV5EPM**	**A**	**88,340**	**150**	**140**
*YV5COR	"	30,744	95	84
			(OP: YY5COR)	
*YV4MP	"	12,261	68	67
*YV5NWG	"	8,321	57	53
*YV5JGO	"	943	23	23
***YV5KG**	**21**	**2,177,872**	**1222**	**532**
*4M1F	"	978,040	711	490
			(OP: YV1JGT)	
*YV5OSW	"	9,405	69	57
***YV5NEA**	**14**	**283,968**	**369**	**272**
*YV5OIE	"	85,068	202	153

ASSISTED
NORTH AMERICA

United States

KI1G	**A**	**11,971,296**	**3273**	**1266**
W1KQ	"	1,608,920	1048	584
NM1JY	"	1,132,168	1027	548
			(OP: K1RX)	
KB1OWT	"	721,594	619	421
K1SM	"	590,920	543	374
W1AN	"	464,079	451	343
K1AR	"	432,327	502	357
KT1B	"	419,900	448	323
W1PL	"	413,049	504	357
K1JB	"	401,120	518	368
WK1J	"	188,135	284	197
W1EBI	"	44,400	117	111
W1BYH	"	30,680	110	104
K1PH	"	26,400	98	88
KV1J	**14**	**98,697**	**209**	**197**
***KA2KON/1**	**A**	**1,563,136**	**923**	**568**
*NR1I	"	1,223,344	881	487
			(OP: W1NT)	
*N1API	"	875,996	736	463
*AD1L	"	339,434	408	314
*W3SM/1	"	286,425	407	285
*K1KXN	"	278,100	373	270
*K1VOI	"	35,482	125	113
*K1DEC	"	21,845	94	85
*KB1WKB	"	15,987	76	73
*KB1ST	"	14,819	79	73
*WA1N	"	12,716	72	68
*WA1ZYX	"	7,700	58	55
*NF1O	"	840	15	14
*NE1F	"	826	14	14
***N1VVV**	**28**	**2,304**	**33**	**32**
***N1QD**	**21**	**8,232**	**56**	**56**
***KG1E**	**14**	**1,036,630**	**795**	**590**
W2YC	**A**	**2,297,622**	**1167**	**673**
AB2E	"	1,674,711	1251	587
N2SQW	"	1,451,738	987	547
WT4Q/2	"	1,054,000	784	500
N2MUN	"	643,500	606	396
WC2L	"	504,640	509	332
W2CCW	"	194,922	305	234
N1IBM/2	"	131,937	214	199
W1GD/2	"	39,962	111	106
WA3AFS/2	"	30,080	94	94
K2CYE	"	8,840	55	52
K2SSS	**28**	**178,365**	**353**	**235**
W2RR	"	98,580	254	186
			(OP: WA2AOG)	
N2YBB	**21**	**408,478**	**416**	**358**
K2RET	**14**	**262,854**	**359**	**306**
***K2DSL**	**A**	**658,140**	**652**	**420**
*WA2MCR	"	562,320	603	360
*KS2G	"	449,242	481	362
*WA2TML	"	265,136	340	292
*K9CHP/2	"	57,510	153	135
*N2CQ	"	16,999	95	89
***KB2NGK**	**21**	**14,162**	**75**	**73**
***NY6DX/2**	**7**	**632,818**	**727**	**397**
***W2MF**	**1.8**	**54,730**	**197**	**130**
AA3B	**A**	**3,736,512**	**1546**	**832**
N3RR	"	2,793,604	1338	734
N3RD	"	2,677,170	1260	699
K3WW	"	1,883,772	1013	639
K3MD	"	1,732,722	1168	634
W3KL	"	1,371,312	893	534
W3FV	"	1,000,728	731	492
WA3F	"	945,120	746	440
NN3Q	"	518,910	489	353
N3MX	"	482,515	501	341
NW3H	"	324,555	405	281
KD3TB	"	300,160	358	280
NN3RP	"	261,290	367	265
AA3K	"	227,853	291	261
NB3R	"	180,999	282	221
N3WD	"	148,674	251	213
K3IT	"	12,896	73	62
K3OX	"	4,032	44	36
K3YDX	"	2,079	27	27
K3YG	"	407	11	11
AK3S	**21**	**155,178**	**255**	**233**
W3FW	**14**	**1,479,184**	**1067**	**658**
***W3LL**	**A**	**1,931,130**	**1047**	**645**
*N3ALN	"	411,156	519	324
*ND3D	"	203,984	342	244
*K3FS	"	141,858	264	222
*AB3IC	"	102,420	231	180
*W3DD	"	62,634	151	143
*KN3A	"	40,446	132	126
*WB4OBF/3	"	21,266	108	98
*KC8RHC/3	"	18,860	93	82
*W4EE/3	"	11,368	56	56
***N3ZA**	**21**	**228,222**	**303**	**279**
***N3GJ**	**14**	**7,599**	**52**	**51**
N4WW	**A**	**6,512,198**	**2188**	**1078**
NF4A	"	4,729,318	2148	947
N4RV	"	2,860,188	1425	723
KG4W	"	2,229,255	1211	735
AI4DX	"	1,525,992	970	536
			(OP: W4NF)	
WJ2D/4	"	1,384,932	858	524
KD2JA/4	"	1,256,080	807	560
AA4DD	"	946,803	740	429
N4DJ	"	803,187	673	427
N4NX	"	677,474	535	446
W4AS	"	610,414	497	413
K4OV	"	597,144	601	417
N4DWK	"	469,476	439	324
K4GAA	"	405,130	448	319
N4PB	"	390,340	431	290
ND4V	"	317,768	397	314
N7EO/4	"	234,434	319	251
NS1S/4	"	192,479	258	217
			(OP: K1ZZI)	
KD4RF	"	167,320	288	235
			(OP: W9EQ)	
AF4AI	"	139,605	271	205
N4NM	"	127,779	244	191
N3UA/4	"	126,730	239	190
K4EDI	"	121,520	231	196
KC4HW	"	100,182	233	177
N4ZZ	"	98,736	298	187
KZ1X/4	"	68,480	161	160
K4SWE	"	63,273	161	131
KR4F	"	27,324	94	92
N4GG	"	22,995	91	73
KØLUZ/4	"	10,638	67	54
N4DXI	"	9,020	59	55
KI4VCT	**28**	**12,784**	**73**	**68**
K4XZ	"	372	12	12
NS1L/4	**21**	**5,364,639**	**2265**	**1071**
			(OP: W4SVO)	
K4XZZ	**7**	**299,184**	**313**	**271**
WD4EFZ	"	76,160	147	136
KD4RH	"	46,842	126	111
***KT4ZB**	**A**	**1,949,935**	**1225**	**655**
*W4DTB	"	529,968	558	362
*N4HXI	"	304,114	400	302
*K9ES/4	"	301,476	395	259
*AK4QU	"	253,328	381	284
*AB4SF	"	246,980	338	265
*K3IE/4	"	139,986	278	231
*N4BFR	"	99,575	238	175
*N4UEZ	"	90,951	214	183
*N4ARO	"	69,255	167	135
*K9AIH/4	"	41,800	135	110
*VE3JDF/W4	"	30,690	128	110
*KB4YPK	"	29,585	115	97
*W4WNT	"	25,988	98	89
*KC4YBO	"	24,552	108	88
*K1ZW/4	"	14,040	73	72
*KC2NYU/4	"	12,090	66	65
*N4TOL	"	9,796	65	62
*K4ADR	"	6,072	51	46
*NB4F	"	4,797	42	39
*KI4HHK	"	4,223	42	41
*N1HO/4	"	595	17	17
***K4CWW**	**28**	**226,566**	**473**	**246**
***K4MOA**	**21**	**6,909**	**49**	**49**
K5QXR	**A**	**2,225,080**	**1368**	**715**
K5MV	"	1,667,900	1222	650
AD5VJ	"	1,064,877	991	529
W3TZ/5	"	778,707	678	453
W5HP	"	64,960	162	145
N5MOA	"	51,737	142	133
KG5VK	"	49,046	146	137
WØVX/5	"	8,058	53	51
AA5AU	"	384	12	12
N5MT	**28**	**24,108**	**101**	**84**
NQ5K	**21**	**1,245,184**	**1080**	**608**
			(OP: W5ASP)	
WA5ZUP	"	97,812	251	198
***NE5LL**	**A**	**369,098**	**504**	**358**
			(OP: N1CC)	
*KE5LQ	"	231,084	335	262
*AB5XZ	"	63,196	207	148
*AE5NO	"	990	22	22
***WJ5DX**	**28**	**113,685**	**264**	**195**
			(OP: W5AJ)	
*KE5FXE	"	109,552	245	167
***WF5E**	**7**	**84,812**	**231**	**182**
			(OP: W5AJ)	
N6QQ	**A**	**4,046,868**	**1764**	**909**
N6JV	"	2,768,304	1685	749
K6MM	"	1,538,400	1144	641
NY6I	"	1,399,918	976	598
			(OP: K6RIM)	
WX6ZZ	"	947,023	837	539
N6WS	"	919,524	666	444
W1RH/6	"	784,356	899	489
K6AAX	"	655,578	811	387
KI6QDH	"	437,510	541	335
W6GJB	"	411,312	472	328
K6LRN	"	305,522	401	314
N6VH	"	258,995	398	277
WB6JJJ	"	217,128	347	249
WM6DX	"	137,795	247	217
			(OP: W6DPD)	
W6KC	"	123,906	264	193
W6GMP	"	110,656	220	182
W6SZN	"	31,625	134	115
W6PK	"	23,852	98	89
KZ5OM/6	"	19,458	95	94
			(OP: K6III)	
N6ER	"	18,240	78	76
W4EF/6	"	10,540	66	62
KI6KVW	"	9,453	72	69
NO6T	"	7,467	64	57
			(OP: N6NC)	
AI6Z	"	6,240	54	52
WB6CZG	"	3,502	40	34
K6III	28	1,675	25	25
N2NS/6	**21**	**81,356**	**189**	**172**
NE6I	"	2,233	29	29
***WV6E**	**A**	**271,656**	**380**	**294**
*K6AAB	"	223,780	395	268
*N6DZR	"	190,311	305	237
*K6MMU	"	129,162	268	206
*K6FI	"	86,025	217	155
*K6DSW	"	56,280	189	140
*N6ORB	"	50,540	175	140
*NS6T	"	990	23	22
*KD6WKY	"	12	2	2
*WS6T	28	3	1	1
***AG6AN**	**21**	**9,387**	**63**	**63**
KW7XX	**A**	**3,866,447**	**2182**	**767**
W6AEA/7	"	2,175,992	1294	686
W7PP	"	1,184,228	866	548
KK7YL	"	1,175,706	1007	558
			(OP: K7FA)	
KY7M	"	1,157,580	860	590
N3RC/7	"	1,096,984	1033	532
AD7KG	"	488,754	554	378
K7LV	"	468,578	514	361
K7VIT	"	445,486	517	353
KV7DX	"	287,546	556	322
			(OP: AA7V)	
KD7DCR	"	266,552	410	286
KB7KYK	"	187,341	377	231
WR7Q	"	180,544	454	248
WW7CA	"	80,990	192	178
K7MKL	"	78,942	197	177
NG7M	"	73,500	275	175
WV7P	"	61,586	222	166
AJ7T	"	60,384	217	148
KO7P	"	35,910	121	105
N7RVD	"	34,428	132	114
NO7T	"	32,552	111	104
W6NF/7	"	29,481	103	93
W7CT	"	24,892	98	98
NQ6C/7	"	17,479	84	77
WA1PMA/7	"	16,748	79	79
W6RLL/7	**28**	**29,300**	**115**	**100**
KM7W	**21**	**2,151,728**	**1344**	**724**
			(OP: K7ZO)	
K6LL/7	"	2,080,880	1345	740
K7EIQ	**7**	**960**	**20**	**20**
***WZ7ZR**	**A**	**1,558,752**	**1166**	**624**
*W7SO	"	552,375	590	375
*W7MLG	"	182,721	335	231
*K7JE	"	172,050	276	222
*N7MAL	"	138,229	336	217
*K7TYF	"	118,800	280	198
*AE7NR	"	62,424	213	153
*K7LOP	"	48,580	157	140
*AC7MV	"	40,171	161	139
*K7EMI	"	24,970	134	110
*KB7QFE	"	15,770	90	83
*AE7GT	"	14,790	98	87
*K7HPT	"	5,643	74	57
*K7DAC	"	3,552	40	37
***K6TUJ/7**	**14**	**5,472**	**62**	**57**
WA8Y	**A**	**351,080**	**422**	**268**
K3EQ/8	"	168,025	308	235
N8AGU	"	55,640	151	130
KX8D	"	51,724	160	134
NI8G	"	48,438	164	138
			(OP: W8CAR)	
KD8PHI	"	12,352	69	64
N8KOJ	"	1,809	28	27
K8ND	**28**	**12,155**	**76**	**55**
AA8LL	"	4,144	40	37
N8HP	**14**	**215,460**	**309**	**285**
***K8BL**	**A**	**618,068**	**485**	**484**
*WD8S	"	392,326	485	374
*KC8CY	"	219,844	337	244
*WD8KNC	"	190,696	343	242
N2BJ/9	**A**	**2,768,781**	**1431**	**753**
WN9O	"	1,098,100	828	556
			(OP: W9IU)	
W9AV	"	679,770	800	415
N9FN	"	666,037	649	383
WW9R	"	527,795	783	373
N9WKW	"	436,872	499	334
K9EN	"	223,560	344	270
N9YKE	"	150,715	256	215
NS9I	"	148,518	257	222
KØTQ/9	"	114,632	234	184
NF9V	"	22,784	94	89
K8LEE/9	**28**	**22,841**	**113**	**91**
W9IIX	**21**	**159,536**	**263**	**236**
***KB9UWU**	**A**	**1,082,943**	**770**	**513**
*N9UA	"	204,678	276	274
*KA9MOM	"	81,696	201	184
*KB9NW	"	79,002	201	171
*W9VQ	"	42,624	144	128
*WA9LEY	"	18,091	84	79
*KB9O	"	17,974	94	86
*W8FIB/9	"	7,007	51	49
*K9PG	"	3,939	41	39
*W9ILY	"	108	6	6
***N9TGR**	**21**	**1,001,616**	**787**	**542**
KBØEO	**A**	**2,376,704**	**1361**	**704**
KØKX	"	1,730,784	945	596
WDØECO	"	641,784	759	408
KMØDX	"	217,701	458	297
			(OP: WØTT)	
WØHBH	"	189,312	293	232
KDØS	"	172,788	262	238
NØQO	"	92,169	215	171
NØUU	"	81,260	189	170
K4IU/Ø	"	41,574	133	123
W6GX/Ø	"	22,407	92	77
KØTZ	"	21,560	97	88
KSØT	"	14,910	75	70
KCØUUT	"	7,124	56	52
N5MU/Ø	"	5,445	45	45
WØCEM	**14**	**123,525**	**227**	**225**
NØUN	"	6,950	50	50
***NXØI**	**A**	**606,616**	**792**	**397**
*AD1C/Ø	"	483,552	535	368
*KCØDEB	"	402,784	510	328
*WØLSD	"	273,300	364	300
*WGØM	"	78,672	205	176
***KFØIQ**	**21**	**4,797**	**41**	**41**

Alaska

WL7E	**A**	**5,642,300**	**2284**	**850**
AL9A	"	2,509,800	1399	712

Canada

VE9HF	**A**	**8,789,700**	**2639**	**1059**
***VE1BVD**	**A**	**657,030**	**574**	**363**
*VO1DJT	"	272,640	357	284
***VE9ML**	**7**	**255,387**	**234**	**213**
VE2FXL	**A**	**243**	**9**	**9**
***VE2EBK**	**A**	**756,040**	**631**	**410**
*VC2W	"	693,440	533	394
			(OP: VA2WDQ)	
VE3MV	**A**	**553,104**	**550**	**334**
VA3DX	"	327,430	333	274
VE3CX	**21**	**3,325,688**	**1592**	**796**
VA3YP	**14**	**1,689,035**	**1119**	**641**
***VE3JSQ**	**A**	**59,362**	**160**	**134**
***VE3TL**	**14**	**20,740**	**85**	**85**
***VY2MGY/3**	**7**	**685,640**	**637**	**281**
			(OP: VE3MGY)	
***VE6FI**	**21**	**227,106**	**353**	**279**
VE7XF	**A**	**1,373,582**	**898**	**574**
VE7AX	"	133,551	233	213
VA7FC	"	115,455	244	179
VE7TG	**21**	**32,330**	**116**	**106**
VA7OM	**14**	**843,776**	**687**	**512**
***VA7BEC**	**A**	**1,073,655**	**846**	**495**
*VA7HZ	14	192	8	8
VY1EI	**21**	**917,889**	**1005**	**401**

Mexico

XE1GZU	**A**	**97,200**	**193**	**162**
XE1KK	**21**	**729,790**	**684**	**437**
***XE3N**	**A**	**1,116,900**	**967**	**450**
***XE2RV**	**28**	**12,220**	**87**	**65**

Puerto Rico

***NP4G**	**14**	**497,377**	**634**	**353**

St. Kitts & Nevis

V47JA	**A**	**638,469**	**579**	**351**

AFRICA

Canary Islands

***EA8CNB**	**A**	**1,983,296**	**1120**	**608**
***EC8AFM**	**28**	**22,714**	**94**	**82**
***ED8D**	**21**	**935,520**	**669**	**480**
			(OP: EA8MT)	

Madeira Islands

CT3HF	**28**	**1,351,396**	**895**	**524**

Morocco

***CN8WW**	**A**	**72,884**	**173**	**137**

South Africa

ZS1LS	**A**	**104,104**	**202**	**182**

ASIA

Asiatic Russia

RC9O	**A**	**17,536,244**	**3915**	**1243**
RW9QA	"	3,172,124	1504	718
RA8T	"	2,565,615	1234	669
			(OP: RA9SPF)	
RX9CAZ	"	1,490,940	881	540
RM9RZ	"	1,456,768	885	599
RG8K	"	482,300	487	371
RK9KWI	"	125,048	250	203
RO9O	"	68,328	170	146
R9SA	"	51,480	154	132
RN9CM	"	37,080	136	103
R9UAG	**28**	**132,300**	**245**	**196**
RT9J	"	12,992	75	64
RA9JP	**21**	**2,533,824**	**1335**	**747**
R9DA	"	410,742	451	342
RT8O	"	238,944	333	262
RK9DM	**14**	**1,295,720**	**807**	**580**
UA9OC	"	279,000	352	310
RW9TP	"	236,300	311	278
RK8I	"	197,208	291	249
UA9YF	"	63,792	161	144
***RV9UP**	**A**	**4,626,720**	**1804**	**840**
*UA9AL	"	2,556,440	1283	632
*RK9UE	"	1,026,500	767	500
*RA9DZ	"	635,040	596	420
*RV9AM	"	556,686	484	338
*RK9DC	"	458,898	421	409
*RW9C	"	311,505	399	285
*RZ9CJ	"	233,282	320	266
*RA9C	"	193,250	280	250
*RG8U	"	58,000	156	145
*UA9AGX	"	36,064	129	112
*RV9CX	"	28,785	112	101
*UI8W	"	26,132	107	94
			(OP: RW9WW)	
*RU9AZ	"	19,092	89	86
*UA9CSA	"	13,978	66	58
*RM8W	"	6,466	57	53
***RA9MX**	**28**	**34,578**	**118**	**113**
***R9MC**	**21**	**925,688**	**696**	**502**
*UB9UAK	"	3,325	37	35
RUØFM	**A**	**6,087,732**	**2300**	**959**
UAØSR	"	2,913,801	1580	759
RAØFU	"	1,603,080	1232	549
RAØACM	"	450,892	507	338
RWØBG	"	51,168	135	123
RØQA	"	34,800	125	120
RXØAO	"	19,264	91	86
RXØAE	**28**	**833,316**	**724**	**428**
UBØA	"	405,854	459	307
RMØW	"	309,720	413	290
RKØAB	**14**	**214,797**	**320**	**253**
UAØQBR	"	89,910	195	162
***UAØWW**	**A**	**565,547**	**562**	**367**
*RAØANO	"	1,449	23	23
*UAØIT	"	1,320	22	22
***UAØWY**	**21**	**831,833**	**696**	**499**

Asiatic Turkey

***TA5CV**	**A**	**48,081**	**115**	**93**
***TA3ATA**	**21**	**216**	**9**	**9**

Cambodia

***XU7ACY**	**A**	**119,068**	**306**	**206**

China

BD5RV	**A**	**2,556,469**	**1277**	**683**
BD4CQ	"	410,670	584	338
BD4KYA	"	202,300	505	238
BG9BTH	**28**	**256**	**19**	**16**
BD4TS	21	24,100	108	100
***BG4ACE**	**A**	**477,666**	**699**	**357**
*BD3CB	"	309,618	472	309
*BG5LU	"	240,264	446	282
*BA4SD	"	172,653	305	233
*BD7MTJ	"	28,512	125	99
*BG4KLA	"	17,892	92	84
*BD9BKC	"	2,754	36	34
*BD5FFK	"	1,464	26	24
*BH3OTC	"	1,372	31	28
*BH1JGA	"	510	18	17
*BG9BJZ	"	105	7	7
*BH1KZQ	"	35	8	7
***BD6AHU**	**7**	**6,525**	**59**	**45**

Cyprus

H22H	**A**	**13,617,600**	**3590**	**1200**
			(OP: 5B4MF)	
P3J	"	1,559,920	1083	496
			(OP: 5B4AHJ)	
5B4KH	**21**	**5,336,788**	**2087**	**907**

Georgia

4L5O	**7**	**5,963,804**	**1447**	**737**

Hong Kong

VR2XLN	**21**	**230,324**	**487**	**284**

India

***VU3DJQ**	**A**	**444,204**	**455**	**324**
*VU3TMO	"	17,952	96	88
*VU3LMS	"	819	21	21

Israel

4XØA	**28**	**2,609,750**	**1503**	**650**
			(OP: 4X1VF)	
4X9A	**21**	**3,505,614**	**1651**	**798**
			(OP: 4Z4OQ)	
*4Z5IW	A	418,500	460	310

Japan

JQ1BVI	**A**	**3,547,021**	**1652**	**761**
JE1LFX	"	452,920	480	335
7L2OHM	"	159,402	263	186
JA1WPX	"	153,786	251	213
JH1OVY	"	11,900	71	70
JH1ACA	**21**	**334,150**	**396**	**326**
***JH1EAQ**	**A**	**1,061,548**	**781**	**466**
*JA1BJI	"	692,661	655	373
*JM1LRQ	"	454,346	513	367
*JH1DGQ	"	360,114	396	282
*JA1XRH	"	131,008	233	184
*JA1MZM	"	39,183	137	111
*JA1BIV	"	30,700	144	100
*JA1KEB	"	1,584	24	22
*JA1IST	"	1,302	24	21
JG2REJ	**A**	**234,260**	**360**	**265**
JA2DLM	28	1,392	24	24
JH2FXK	**21**	**122,012**	**228**	**188**
JF2IWL	**7**	**37,665**	**112**	**93**
***8J2NDP/2**	**A**	**130,900**	**304**	**170**
			(OP: JK2VOC)	
*JF2OZH	"	50,570	147	130
***JE2HXL**	**28**	**2,046**	**32**	**31**
JO3DDD	**A**	**2,185,000**	**1220**	**625**
JS3CTQ	"	689,073	634	399
JN3SAC	"	119,930	227	179
***JR3BOT**	**A**	**70,641**	**188**	**141**
*JL3RDC	"	32,344	137	104
*JA3PYC	"	29,973	110	103
JH4UTP	**A**	**3,385,975**	**1538**	**775**
JO4CFV	"	365,585	433	289
JO4CTB	"	321,468	439	267
JM4WUZ	**21**	**593,332**	**560**	**422**
JA6BZI	**A**	**1,479,289**	**900**	**527**
***JA6DIJ**	**A**	**492,102**	**520**	**351**
***JH6WHN**	**28**	**9,747**	**66**	**57**
JA7ZP	**A**	**324,786**	**401**	**266**
***JA7KQC**	**28**	**47,816**	**154**	**139**
JR9GMS	**A**	**24,288**	**100**	**92**
JAØFVU	**A**	**212,750**	**316**	**230**
JHØEQN	**28**	**137,340**	**273**	**210**
JRØBUL	"	4,922	51	46
***JAØBJY**	**A**	**178,245**	**303**	**233**
***JAØVTK**	**21**	**8,436**	**72**	**57**

Kazakhstan

UN1L	**A**	**7,478,818**	**2405**	**989**
UN2G	"	400,325	464	335
UN4PG	**28**	**69,275**	**172**	**163**
UP5P	**14**	**1,207,524**	**775**	**564**
			(OP: UN7PL)	
UN2E	"	1,153,040	745	560
UN7BEW	"	3,589	40	37
***UN7MMM**	**A**	**2,947,204**	**1467**	**722**
*UN6T	"	7,772	61	58
***UN9GD**	**28**	**22,410**	**99**	**83**

Qatar

A71EM	**A**	**6,281,652**	**2377**	**871**

Republic of Korea

DS5DNO	**A**	**46,767**	**154**	**131**
***DS2NMJ**	**A**	**62,848**	**189**	**128**
***DS5TOS**	**7**	**110,522**	**242**	**146**

Thailand

HSØZJU	**A**	**2,914,120**	**1452**	**740**
HSØZCW	"	1,755,840	1135	590

United Arab Emirates

A61BK	**28**	**498,326**	**500**	**386**
A61K	**3.7**	**452,473**	**330**	**259**
***A65CA**	**A**	**64,904**	**167**	**133**
			(OP: RV6AJJ)	

Vietnam

XV1X	**28**	**957,190**	**799**	**481**

EUROPE

Austria

OE6MDF	**A**	**1,795,682**	**1223**	**658**
OE6HLF	"	778,092	759	471
OE5CSP	"	36,478	127	122
***OE5JSL**	**A**	**308,691**	**394**	**309**
*OE2E	"	208,616	351	293
			(OP: OE2GEN)	
*OE4VMB	"	30,012	145	123

Belarus

EW2A	**A**	**3,889,458**	**1985**	**906**
EU1AZ	"	3,149,664	1708	872
EV1R	"	3,141,861	1790	843
EW7BR	"	1,245,825	1006	565
EW8OM	"	10,292	66	62
EW1BA	"	5,548	41	38
EW8KY	**14**	**494,553**	**750**	**467**
EW6GF	"	438,561	732	439
EU3AR	**1.8**	**328,308**	**477**	**327**
***EW5W**	**A**	**1,482,848**	**1142**	**596**
			(OP: EW1IP)	
*EU3AA	"	97,776	257	194
*EU1EU	"	73,117	241	187
***EU4AA**	**21**	**40,950**	**149**	**130**
***EW1FR**	**1.8**	**364**	**15**	**14**

Belgium

OQ5M	**A**	**4,205,362**	**1929**	**917**
			(OP: ON5ZO)	
OS8A	"	3,485,580	1702	860

OQ4U	21	4,685,949	2122	879
OQ4B	"	576,400	620	440
				(OP: ON4BHQ)
OR5N	3.7	130,804	277	212
				(OP: ON1CB)
***OP4A**	A	948,170	771	530
*OT1S	"	694,166	710	454
				(OP: ON5RZ)
*ON4VDV	"	524,728	550	428
*ON6LR	"	473,280	467	464
*OO7W	"	377,055	573	399

Bosnia-Herzegovina

E73ESP	3.7	1,094,100	970	521
				(OP: E72SIE)
***E77R**	A	12,544	73	64
***E74AA**	21	240,396	406	268
***E74A**	14	27,560	150	130
***E7CW**	1.8	320,458	479	326
				(OP: E74WN)
*E72MM	"	6,307	56	53

Bulgaria

LZ7S	A	5,569,950	2319	1046
				(OP: LZ2HM)
LZ2DF	"	4,606,848	2040	1032
LZØM	"	598,372	726	454
				(OP: LZ2SX)
LZ3FN	"	180,630	287	223
LZ1QZ	"	11,988	92	81
LZ3A	28	157,896	285	204
				(OP: LZ3CQ)
***LZ12FDAY**	A	2,213,099	1444	773
				(OP: LZ1UK)
*LZ2FQ	"	41,480	139	122
***LZ1DQ**	21	89,648	268	208

Corsica

***TK4LS**	28	236,835	392	277

Crete

SV9DJO	28	300,390	531	323
***SVØXCC/9**	A	91,653	308	223

Croatia

9A2Ø6B	A	704,696	694	472
				(OP: 9A5ADH)
9A2U	28	576,240	611	392
				(OP: 9A3ZA)
9A5Y	21	4,054,290	1796	894
				(OP: 9A3NM)
9A2Ø3B	14	2,720,133	1793	871
				(OP: 9A1AA)
9A2R	3.7	784,665	764	477
***9A2Ø2GA**	A	456,252	615	394
				(OP: 9A2GA)
*9A6GWF	"	32,330	128	122
*9A4WY	"	1,500	24	20
***9A3TY**	28	75,047	179	151
***9A3TU**	21	58,520	176	152
***9A2Ø5ST**	14	200,592	423	336
***9A1JSB**	3.7	527,050	582	415
				(OP: 9A7ZZ)

Czech Republic

OK1NI	A	1,950,312	1138	728
OK1KT	"	593,400	576	430
OK3C	"	422,095	483	355
				(OP: OK2ZC)
OK6DJ	"	82,164	200	167
OK1MSP	"	32,980	110	97
OK4PA	21	2,395,470	1317	770
OK1IC	"	758,961	710	441
OK7MT	"	125,209	254	217
OL9Z	14	5,014,488	2383	1032
OK1UG	7	1,742,959	1148	629
***OK6Y**	A	1,880,856	1180	692
				(OP: OK2PTZ)
*OK1AY	"	456,960	579	384
*OK1JOC	"	362,496	511	354
*OK5OK	"	128,235	327	249
*OK2BEN	"	65,783	195	157
*OK2MA	"	9,063	58	57
***OL7Y**	28	8,848	56	56
***OK6RA**	14	371,840	629	415

Denmark

OZ1IKY	A	931,602	763	574
OZ2PBS	"	381,060	492	348
OZ1ADL	21	1,204,294	935	509
***OZ4RT**	A	1,449	24	21

Dodecanese

SV5DKL	A	4,178,160	2123	1008
SX5P	21	2,447,600	1929	844
				(OP: SV5FRD)

England

GØVXE	A	1,861,880	1328	712
MØRNR	"	129,285	255	221
G6T	"	125,100	264	225
				(OP: G4MKP)
G6NHU	"	111,360	244	240
GØRPM	"	34,020	126	108
G8DYT	28	150,234	301	219
***M1JJK**	A	159,993	340	261
*G4WGE	"	101,640	276	210
*G1PIR	"	98,568	260	222
*G4JFS	"	588	14	14
*G7GCI	"	65	5	5
***G3VAO**	14	192,060	394	330
***2E1FVS**	7	419,692	465	364
*MØVWK	"	21,902	100	94

Estonia

ES2TI	A	1,444,025	1110	649
ES5MG	"	950,250	829	525
ES2MC	28	405,074	523	337
ES4RD	14	662,184	877	541

European Russia

RD1A	A	162,324	319	243
RO1B	"	129,030	308	253
R1DX	14	259,038	531	369
RO1A	"	32	8	8
				(OP: UB1ACM)
***RA1AFR**	A	221,862	353	309
*RA1QD	"	112,808	271	236
RN3DMU	A	3,146,094	2003	861
RU5A	"	1,268,028	1002	597
RT2T	"	1,054,647	1046	603
				(OP: RA3TT)
UA3AGW	"	730,422	677	462
RA5A	"	534,933	584	441
RN3BO	"	517,409	622	421
RZ3EC	"	135,915	249	221
RL2A	"	72,540	231	186
RA3PCI	"	45,087	149	133
R3MS	"	42,534	151	139
RA3DNC	"	17,202	98	94
RT3M	"	5,945	51	41
RN3F	28	605,319	705	429
				(OP: RK3FT)
RM5P	21	20,402	107	101
RJ3FF	14	4,334,240	2294	1030
RY3D	"	2,187,516	1580	866
RQ3R	"	143,616	325	264
				(OP: RN3RQ)
R3KM	7	1,600,225	991	605
***RO3DX**	A	1,075,140	937	594
*UA3RF	"	486,390	745	465
*RA3RBL	"	298,582	476	337
*RU3DM	"	200,668	339	227
*RX3VF	"	183,744	363	288
*RN3FT	"	70,455	218	183
*RA3FD	"	69,184	220	184
*RL3QCQ	"	52,744	189	152
*RL3DZ	"	49,419	181	153
*RA3VE	"	32,387	160	139
*RZ3AUL	"	27,234	115	102
*R3FF	"	22,692	104	93
*RU3GF	"	14,212	73	68
*UA3XAC	"	12,900	85	75
*RA3QJ	"	11,016	73	54
*R5AJ	"	7,473	58	53
*R3AT	"	3,822	43	42
***UA3RC**	28	265,221	494	297
***R2SA**	21	119,556	285	243
***RX3DBG**	14	182,590	371	310
*RN3DKQ	"	5,940	47	44
***RU3KO**	1.8	3,698	48	43
UA4FEN	A	4,097,236	2195	988
UI4I	"	1,974,748	1309	766
RA4LW	"	1,287,954	1001	621
RW4NN	"	407,862	515	378
UA4LCH	"	124,218	248	206
RW4WZ	"	32,760	130	117
RA4WC	28	319,923	560	369
UA4CC	"	101,074	238	194
UA4HOX	21	1,894,326	1425	777
RU4PP	"	265,200	437	340
RU4HU	"	101,280	238	211
RN4ACX	"	5,768	57	56
RZ4HC	14	419,078	539	443
RW4W	7	113,575	222	175
***RW4WA**	A	2,349,000	1606	870
*UA4NDX	"	195,871	325	247
*R4RM	"	5,776	40	38
*RA4CEW	"	1,248	24	24
***RN4AM**	28	21,150	100	94
***RA4HPI**	21	306,000	455	375
***RV4AS**	14	4,738	49	46
*RA4LBS	"	2,622	47	46
RN7F	A	5,829,134	2992	1061
RC6U	"	5,592,588	3007	1058
R7LV	"	535,208	538	449
R7FF	"	456,230	527	430
R7HF	"	353,990	594	389
RU6YJ	"	127,008	242	196
RZ6HKM	"	80,618	194	173
UA6AA	"	67,137	182	161
UA6BH	"	59,488	216	176
RC6IM	"	27,160	125	97
UA6IK	"	23,229	110	89
RZ6FA	"	4,025	39	35
RA6XV	7	595,059	593	417
UA6AIW	1.8	35,916	139	123
***RL6M**	A	3,010,144	1995	872
*RN6A	"	206,885	317	257
*RL6LP	"	93,015	227	195
*RA6YJ	"	17,242	84	74
*RN6DR	"	5,406	54	53
***RU4CS/6**	21	73,875	205	197
***RA6GW**	14	357,840	527	426
R9XT	A	530,454	723	419
UA9FGJ	"	484,802	517	446
RC9F	"	79,200	264	198
***RA9FRD**	A	8,556	72	69
***UB8XAB**	14	14,453	104	97

European Turkey

TC1DX	A	55,440	169	144
				(OP: TA1DX)

Fed. Rep. of Germany

DJ8OG	A	8,423,018	2826	1151
DK2OY	"	6,725,915	2613	1085
DM9K	"	5,597,460	2248	1028
				(OP: DL2OBF)
DL5JS	"	1,932,645	1235	689
DL7ON	"	1,875,876	1193	701
DK1KC	"	1,635,816	1092	642
DHØGHU	"	1,595,220	1106	660
DK2AT	"	1,125,040	973	560
DF2TT	"	648,566	648	479
DF2UU	"	644,504	622	476
DL9OHA	"	612,968	581	386
DL8ZAW	"	493,680	556	374
DL2OBO	"	490,610	501	355
DL2A	"	456,552	597	408
				(OP: DK1AX)
DL1NEO	"	427,800	502	372
DL9NCR	"	369,936	453	336
DL1JKK	"	219,114	417	282
DL8OH	"	201,300	304	275
DJ1ER	"	188,325	330	243
DL4JLM	"	184,667	320	259
DL5RCW	"	172,809	365	273
DG9SEH	"	124,644	263	221
DG2NMH	"	122,100	292	220
DL9NDV	"	113,669	241	197
DG2MKV	"	103,752	245	198
DL6EZ	"	97,536	216	192
DL5ASK	"	87,110	206	155
DK6AH	"	81,243	217	177
DL9HD	"	56,516	150	142
DL6AG	"	38,448	126	108
DG1NFS	"	26,676	117	114
DL5ST	"	25,334	120	106
DJ3JD	"	23,296	102	91
DJ8EW	"	14,872	90	88
DF5EM	"	11,076	75	71
DL9GTI	"	6,255	48	45
DH8BQA	28	759,050	728	470
DM6DX	"	198,205	310	245
DF2LH	"	50,526	141	126
DF9ZP	21	4,976,624	2110	976
DG3FK	"	2,322,774	1327	774
DL2AMD	"	23,460	95	92
DA2C	14	3,441,925	1879	925
				(OP: DK3DM)
DLØWW	"	1,707,192	1174	724
DM5ØUEA	3.7	1,358,934	1146	586
				(OP: DL3BQA)
***DF2SD**	A	1,987,395	1196	705
*DO1YCL	"	723,900	678	475
*DL5RDP	"	417,340	502	385
*DJ9MH	"	346,850	469	350
*DH6DAO	"	244,398	420	322
*DK4WF	"	209,345	343	281
*DL3LSM	"	203,931	350	273
*DL8MAS	"	193,476	390	276
*DL4GBA	"	187,796	320	266
*DF1HF	"	140,712	280	246
*DF1LX	"	116,790	272	229
*DL7URH	"	103,716	265	201
*DL5JAG	"	103,456	251	212
*DLØNG	"	97,740	220	181
				(OP: DK8NC)
*DL5GAC	"	96,960	242	192
*DL6MHW	"	94,376	220	188
*DL2YCA	"	84,040	239	191
*DJ2MX	"	67,230	172	162
*DL1SVA	"	63,282	178	159
*DM3PKK	"	58,144	174	158
*DJ3HW	"	56,025	150	135
*DL1TS	"	50,283	174	151
*DL8ZAJ	"	41,340	157	130
*DG8FAY	"	19,780	95	86
*DF6YC	"	6,554	61	58
*DG7RO	"	5,995	58	55
*DG9VH	"	5,280	57	55
*DG2BHB	"	4,590	59	54
*DF9IU	"	4,277	49	47
*DC2CT	"	2,494	29	29
*DL1HWH	"	2,184	44	39
*DL1MX	"	800	26	25
*DH6YMC	"	578	18	17
***DL1DTL**	28	22,932	97	84
*DK3WW	"	8,856	57	54
***DD9WG**	7	59,732	146	137
*DJ3WE	"	6,762	50	49
*DL4FDM	"	4,067	50	49
***DR2K**	3.7	163,226	311	262
				(OP: DL5OCR)
***DO4DXA**	1.8	252	12	12

Finland

OG73X	A	6,148,554	2605	1059
				(OP: OH8LQ)
OG4T	"	1,044,110	867	526
				(OP: OH4MFA)
OH6OS	"	701,040	708	508
OH2XX	"	549,810	627	410
OH2KW	"	423,996	515	397
OH6MW	"	421,580	560	394
OH6DX	"	390,260	496	395
OG8N	"	380,181	476	359
OH6RE	"	314,443	599	383
OH3JR	"	119,068	208	206
OH5DA	"	105,252	230	196
OH2V	"	8,610	78	70
				(OP: OH2LRG)
OH5BM	28	115,290	256	189
OH1F	21	3,683,488	1751	944
				(OP: OH1NOA)
OG6N	"	2,915,500	1562	850
OH2KI	14	264	12	12
OH9W	3.7	966,264	899	494
				(OP: OH2FPK)
***OH3FOG**	A	998,037	904	519
*OH6GDX	"	851,916	857	516
*OH8FKU	"	29,100	111	97
*OH8KA	"	27,144	136	116

France

TM7F	A	7,617,195	2884	1121
				(OP: F6GLH)
F4FFH	"	2,178,495	1367	815
F1NZC	"	338,100	437	350
F1RHS	"	182,850	317	265
F5JFU	"	94,428	188	183
F4CPF	"	56,700	151	135
F1UVN	28	12,512	68	68
TM1E	21	3,042,960	1673	818
				(OP: F1JRD)
TM1T	"	2,554,146	1466	783
				(OP: F5TRO)
F5NBX	"	240,825	392	247
TM4Q	14	15,049	102	101
***TM5FFT**	A	662,640	667	502
				(OP: F4FFZ)
*F4GDI	"	443,820	551	390
*F8CRS	"	24,605	104	95
*F6DZD	"	20,856	100	88
*F4FRF	"	3,325	35	35
***F4FEP**	28	133	7	7

Greece

SV1JGX	A	1,465,632	1220	672
SV8RX	"	185,400	293	206
SV2FLQ	"	18,146	91	86
J42T	7	303,222	379	291
				(OP: SV2DCD)
***SV1CQN**	28	12,218	96	82
***SV1NK**	21	68,310	237	198

Hungary

HA8JV	A	9,654,390	3217	1215
HA3HZ	"	405,530	507	379
HA2NA	"	90,200	262	205
HA8LLK	"	30,015	131	115
HA5JI	28	373,584	501	344
HA5OO	"	203,252	311	244
***HA5BSW**	A	1,323,616	994	608
*HG8C	"	145,140	290	236
				(OP: HA8EK)
*HA5BA	"	29,280	147	120
***HGØR**	28	469,080	504	360
				(OP: HAØNAR)
*HA1ZH	"	101,304	211	168
***HA4XH**	21	2,442,462	1346	759
*HAØNAR	14	5,824	54	52

Iceland

TF3AO	21	81,039	302	227

Ireland

EI2GLB	A	10,556	54	52
EI2CN	21	4,331,998	2030	883
***EI5GSB**	A	958,938	899	543
*EI/W5GN	"	752,544	747	468
*EI7JZ	"	515,034	604	403
***EI4CF**	7	892,012	733	484

Isle of Man

GDØAMD	A	163,185	347	253

Italy

IW2HAJ	A	9,061,152	3078	1184
IQ2MM	"	6,890,120	2853	1124
				(OP: IK2YCW)
IK2SND	"	2,157,736	1479	742
IK3SCB	"	870,954	849	534
I7CSB	"	590,444	603	457
IK2TDM	"	244,362	331	278
IZ6KFH	"	209,595	308	267
IK2SAI	"	152,149	304	233
IZ5BRW	"	151,734	265	242
IZ5ASZ	"	148,392	260	229
IZ5NSH	"	143,314	345	262
IR7R	"	135,460	341	260
IZ2DII	"	59,096	183	166
IZ8MXB	"	4,477	41	37
IR4C	28	716,378	680	467
				(OP: IZ4NIC)
IWØHBY	"	467,060	519	386
IZ4GWE	"	214,935	359	267
IZ2GNQ	"	14,040	78	72
IO3P	21	2,302,566	1344	751
II4K	"	2,144,704	1328	713
				(OP: IZ4AMS)
IZ5NFD	"	208,453	334	307
IR1SP	"	6,815	52	47
				(OP: IK1NEG)
IRØR	14	464,576	595	476
IR5X	"	252,960	475	372
				(OP: IZ5MMB)
IQ4RA	3.7	1,693,584	1087	619
				(OP: I4AVG)
IO4C	1.8	688,170	764	435
IZ5MOQ	"	253,968	433	296
***IB1B**	A	2,966,194	1386	847
				(OP: IW1QN)
*I1EIS	"	708,435	677	455
*IZ3KKE	"	352,253	411	341
*IZ3NYG	"	248,255	361	287
*IZ2QGH	"	172,546	315	242
*IN3FHE	"	100,320	225	220
*IK2YXB	"	45,195	132	115
*IW2MYG	"	28,203	139	119
*IZ5RJS	"	27,846	112	102
*IZØEUS	"	23,328	115	108
*IZ4AFW	"	17,064	82	79
*IK4VET	"	16,605	90	81
*IV3XZG	"	7,353	57	57
*IK4MGP	"	2,442	34	33
*IZ8FTW	"	1,280	22	20
*IW7ECJ	"	363	13	11
***IØUZF**	28	281,000	390	281
*IZ5CML	"	236,280	339	264
*IW3IFJ	"	160,094	279	209
*IZØLHL	"	12	2	2
***IR8M**	21	650,886	710	498
				(OP: IZØEYP)
*IZ1JLN	"	166,320	298	270
*IZ3TFL	"	372	12	12
***IZ8EFD**	14	219,240	490	360
*II7U	"	57,195	239	205
*IV3CTS	"	25,452	126	126
*IZ8PPH	"	15,435	121	105

Kaliningrad

***UA2FT**	7	128,554	223	199

Latvia

YL4U	A	6,637,947	2862	1097
				(OP: YL1ZF)
YL7X	"	826,728	777	518
				(OP: YL2LY)
YL2KO	"	31,790	128	110
YL9T	28	67,248	180	144
				(OP: YL2TW)
YL2KF	7	209,880	319	264
YL6W	3.7	852,867	748	491
***YL2TB**	A	52,480	173	160
***YL2PP**	28	13,467	71	67
***YL3AGV**	21	318,763	453	361

Liechtenstein

***HBØWR**	A	56,416	207	172

Lithuania

LY3CY	A	174,754	343	262
LY5R	"	138,600	243	200
LY3BY	"	30,797	111	103
LY5E	21	5,203,000	2195	946
				(OP: LY2IJ)
LY7M	1.8	376,957	519	343
***LY2SA**	A	1,102,900	967	538
*LY2CO	"	704,160	794	489
*LY2RJ	"	96,307	235	193
*LY4OO	"	12,337	74	73
***LY7Z**	3.7	521,968	596	404

Luxembourg

LX1NO	A	76,736	200	176

Macedonia

***Z36N**	1.8	205,905	365	265

Moldova

***ER3ZZ**	A	92,781	223	183
*ER3DX	"	29,472	107	96

Netherlands

PA3AAV	A	99,072	232	192
PA3FGA	"	82,703	242	191
PA3GEQ	14	756	28	27
PA3CWN	7	171,584	245	224
***PD9X**	A	1,004,792	976	568
*PAØMIR	"	632,835	648	441
*PE1FTV	"	587,292	713	436
*PD7BZ	"	404,296	522	388
*PA4PS	"	242,408	444	314
*PE4BAS	"	232,724	389	292
*PG2AA	"	187,040	357	280
*PA3GVI	"	12,800	97	80
*PD5T	"	10,032	82	76
*PE1NBD	"	3,168	39	36

Northern Ireland

***GIØRQK**	A	736,223	726	479
*GI4AAM	"	135,904	329	248

Norway

LN5O	A	4,787,848	2343	988
				(OP: LA6FJA)
LN3C	"	1,192,620	1139	572
				(OP: LA9DFA)
LA7GNA	"	1,191,344	945	616
***LA9TY**	A	387,933	495	377

Poland

SP9LJD	A	8,058,432	2780	1128
HF8N	"	253,500	379	250
SP1GZF	"	209,328	336	267
SP1MWN	"	38,804	125	109
SP1APZ	"	816	17	17
3Z6V	28	211,440	330	240
SQ9HZM	"	207,849	329	237
3Z2X	21	3,539,571	1754	861
				(OP: SP2DWG)
SP1RKT	"	806,415	731	555
SO2R	14	7,181,838	2975	1074
				(OP: SP2FAX)
SP4JTJ	"	27,664	134	133
SN2M	3.7	1,740,188	1225	628
				(OP: SP2XF)
SQ8JX	"	562,800	638	402
***SP6FJ**	A	145,782	245	234
*SQ8NZB	"	132,153	249	203
*SP8DIP	"	106,506	219	183
*SN1T	"	88,059	249	197
				(OP: SQ1RET)
*SQ1BHH	"	74,654	188	163
*SQ1EIC	"	71,442	206	189
*SQ8LSB	"	52,480	177	160
				(OP: SQ8JMC)
*SP6FXY	"	25,721	98	89
*SQ8JMC	"	24,341	117	101
*SQ1K	"	21,669	112	93
*SP2HMN	"	21,060	102	90
*SP9WZA	"	18,810	105	95
*SP7VTQ	"	15,054	80	78
*SQ8GBG	"	9,145	68	59
***SP4Z**	28	14,280	73	70
*SP6IHE	"	5,125	43	41
*SN9Y	"	330	11	11
				(OP: SP9UOP)
***SP4DZT**	21	511,936	543	421
*SO1D	"	61,936	194	158
				(OP: SP1JPQ)
*SQ1RMM	"	18,715	115	95
*SQ8KFH	"	5,661	53	51
*SP5FHF	"	544	16	16
***SP3LPG**	14	268,996	476	364
***SO7L**	7	92,394	188	174
				(OP: SP7UWL)
***SP8LBK**	1.8	121,208	282	218

Portugal

CT2IOV	A	806,470	965	562
***CT2IVH**	A	162,908	374	293
*CT2JBG	"	148,685	280	227
*CT1FOQ	"	41,374	146	137
*CT7AEZ	"	189	10	9
***CT5KAO**	28	163,724	325	244

Romania

YP9W	A	11,956,764	3568	1289
				(OP: YO9GZU)
YO3APJ	"	1,905,057	1140	693
YP6Z	"	576,678	587	431
				(OP: YO6PZZ)
YO4RIU	"	538,128	622	404
YO4DW	"	293,570	448	310
YO3ZA	"	100,440	227	186
YO8SAI	"	74,655	216	189
YO5PBW	28	67,044	170	148
YP8T	21	2,571,156	1481	756
YO9HP	"	1,918,440	1252	730
YP5A	14	868,700	1102	595
				(OP: YO5AM)
YO2MHJ	7	9,348	58	57
YO5PBF	3.7	122,388	257	217
YO8MI	"	22,795	105	97
***YO5OHO**	A	821,204	811	478
*YO5LD	"	818,100	860	505
*YO5OBA	"	476,280	567	405
*YO2LXW	"	105,664	278	208
***YO9BXC**	28	40,356	122	114
***YO5OED**	21	47,124	160	132
***YO8SSB**	14	640,920	807	545
*YO4RDW	"	350,244	562	423

Scotland

MMØAMW	A	1,460,250	983	590
GM8SBH	"	499,500	563	444
				(OP: GMØFGI)
MMØSJH	7	153,102	304	237
***GM4UYZ**	A	3,417	52	51
*MMØIMC	"	2,618	35	34
***MMØSVK**	21	126,232	280	248

Serbia

YT7R	A	2,268,480	1335	680
				(OP: YU7BW)
YT2AA	"	73,308	183	164
YT5N	"	13,552	99	88
YT7Z	21	4,608,128	2131	896
				(OP: YT5M)
YU5A	"	4,178,944	1939	896
				(OP: YU1EW)
YT1R	14	1,640,082	1394	678
				(OP: YU1UN)
YU7KM	"	127,248	329	264
YT3PL	7	110,386	227	194
YU1ARC	3.7	968,856	831	511
				(OP: YU1YV)
***YTØZ**	A	2,597,188	1480	737
				(OP: YU1ZZ)
*YT7AA	"	12,384	77	72
***YT7EE**	21	75,828	221	178
***YT5CT**	14	1,511,433	1438	727
*YT8T	"	1,142,580	1042	685
***YTØA**	7	112,658	192	182

Sicily

II9X	28	1,243,772	973	556
				(OP: IT9SPB)

IT9XTP	**21**	**1,558,375**	**1177**	**685**
***IT9AUH**	**21**	**192,072**	**445**	**318**
*IT9IMJ	"	37,008	151	144
***IR9Z**	**14**	**10,509**	**99**	**93**
***IT9JDH**	**3.7**	**139,200**	**260**	**232**
Slovak Republic				
OM7PY	**28**	**9,072**	**56**	**54**
***OM8DD**	**A**	**854,128**	**806**	**506**
*OM4O	"	444,266	592	382
			(OP: OM3NI)	
*OM4AQP	"	211,002	360	278
*OMØDX	"	60,060	196	165
***OM8LA**	**21**	**54,769**	**157**	**143**
Slovenia				
S51DX	**A**	**321,222**	**486**	**341**
S51AF	"	316,958	580	361
S57W	"	248,254	369	278
S57S	"	5,280	50	48
S53F	**14**	**5,149,956**	**2381**	**1036**
S5ØG	"	2,891,904	1764	886
			(OP: S57AW)	
S51CK	"	1,913,330	1386	730
S53M	"	1,549,863	1210	657
			(OP: S51FB)	
S56X	**7**	**3,454,297**	**1487**	**791**
***S50XX**	**A**	**3,156,849**	**1707**	**799**
*S52W	"	60,372	198	172
*S55Z	"	31,320	133	120
***S53NW**	**3.7**	**243,837**	**394**	**297**
Spain				
EC1AE	**A**	**84,360**	**206**	**190**
EA1XT	**21**	**513,166**	**595**	**379**
EA1EA	**3.7**	**134,829**	**241**	**213**
ED1Q	**1.8**	**6,625**	**62**	**53**
			(OP: EA1QA)	
***EF1W**	**A**	**804,972**	**785**	**518**
			(OP: EA1WS)	
***EA1YG**	**28**	**380,915**	**520**	**355**
***EA1GWM**	**3.7**	**4,988**	**44**	**43**
EC2DX	**A**	**9,440,957**	**3035**	**1147**
***EA2CE**	**A**	**116,550**	**283**	**225**
EB3CW	**A**	**8,096,272**	**2944**	**1136**
EE3A	"	4,514,610	1977	915
			(OP: EA3ATM)	
EA3XL	"	185,000	317	250
EA3CEC	"	46,648	157	136
EE3R	**21**	**976,773**	**853**	**579**
			(OP: EA3OR)	
*EA3BO	A	396	12	12
***EA3AKA**	**3.7**	**94,500**	**212**	**189**
ED4A	**A**	**1,516,455**	**1235**	**705**
			(OP: EA4TV)	
EA4ETW	"	347,014	550	386
EA4AK	**14**	**231,914**	**390**	**359**
***EA4EUI**	**A**	**390,855**	**501**	**367**
*EA4ZK	"	864	19	16
EA5EV	**A**	**1,072,746**	**888**	**549**
EA5AX	"	281,430	387	295
ED5J	**28**	**110,290**	**259**	**205**
			(OP: EA5DM)	
ED5N	**3.7**	**491,720**	**515**	**380**
***EC5AN**	**14**	**5,610**	**68**	**66**
***EA5HSI**	**7**	**345,779**	**383**	**329**
EA7ZY	**28**	**112,772**	**300**	**233**
EC7ZK	**7**	**582,400**	**534**	**416**
EA7EU	**3.7**	**622,566**	**573**	**427**
***EA7HOJ**	**A**	**448**	**16**	**16**
***ED7C**	**28**	**21,736**	**96**	**76**
			(OP: EA7KJ)	
***EF7W**	**14**	**425,898**	**642**	**478**
			(OP: EC7KW)	
Sweden				
SJ2W	**A**	**6,281,184**	**2465**	**1092**
			(OP: SM2LIY)	
SE6E	"	2,500,000	1505	800
SMØBSO	"	720,954	780	507
SI2E	"	66,144	185	159
			(OP: SM2EKA)	
SM5CZQ	"	2,754	28	27
SJ6A	**28**	**53,430**	**147**	**130**
			(OP: SM6JSM)	
8SØC	**14**	**1,889,264**	**1282**	**806**
			(OP: SMØMPV)	
***SE5S**	**A**	**752,640**	**708**	**490**
*SM6MVE	"	343,285	505	355
*SHØG	"	93,870	245	210
*SE5E	"	78,873	221	183
			(OP: SM5AJV)	
*SM3L	"	286	11	11
			(OP: SA3BPA)	
***SD6N**	**7**	**49,392**	**170**	**144**
			(OP: SM6V)	
Switzerland				
HB8CSA	**A**	**6,404,905**	**2493**	**1055**
			(OP: HB9DUR)	
***HB9DHG**	**28**	**66,792**	**185**	**138**
Ukraine				
EM2G	**A**	**4,593,493**	**2374**	**1069**
			(OP: UR7GO)	
UW5IM	"	2,493,517	1558	767
UR5AS	"	2,295,984	1634	744
UTØU	"	1,710,000	1080	720
			(OP: UT5UDX)	
US3IZ	"	531,118	629	413
UTØEQ	"	270,522	451	339
UT7NY	"	51,600	138	129
UU2JQ	"	40,230	139	135
UZ5ZV	"	37,674	132	117
UT7QF	**28**	**225,081**	**344**	**267**
UVØI	**21**	**2,277,986**	**1754**	**794**
			(OP: UR5IFX)	
UT7U	"	992,993	843	487
			(OP: UT7UV)	
UX1UA	"	668,682	667	406
US1I	**14**	**6,520,784**	**2950**	**1208**
			(OP: UX2IO)	
EO3Q	"	3,768,498	2143	1026
			(OP: UR3QCW)	
US1MY	"	7,290	85	81
UT8QQ	**7**	**81,954**	**193**	**174**
UW5ZM	**3.7**	**853,461**	**743**	**483**
UY3AW	"	81,993	196	181
***UY2IG**	**A**	**1,874,698**	**1458**	**746**
*UT8IM	"	484,960	614	433
*UT8EL	"	466,580	642	410
*UT3RS	"	376,842	525	347
*UT5ERV	"	359,970	560	355
*UX7IB	"	194,180	358	292
*UW7CN	"	163,784	283	236
*UR5XFQ	"	159,960	340	258
*UX8IX	"	138,425	325	245
*UT2IV	"	57,128	172	148
*UT4WA	"	9,990	62	54
***UU8JW**	**28**	**5,762**	**50**	**43**
***UT5LQ**	**21**	**526,128**	**595**	**452**
*UR6IJ	"	167,895	310	273
*UT2AB	"	27,336	110	102
***UT7Y**	**14**	**724,895**	**926**	**565**
			(OP: US0YW)	
*UY5ZI	"	858	22	22
***EN1C**	**7**	**845,435**	**708**	**479**
***UR8IDX**	**3.7**	**552**	**13**	**12**
***UR5IFB**	**1.8**	**96,114**	**240**	**193**
Wales				
GW9T	**14**	**6,915,090**	**2957**	**1105**
			(OP: MWØZZK)	
***MWØMAU**	**21**	**11,455**	**85**	**79**
OCEANIA				
Australia				
VK6IR	**A**	**5,118,505**	**1926**	**817**
VK4IU	"	12,462	70	67
VK4QH	**7**	**210,405**	**252**	**169**
***VK1OO**	**A**	**95,509**	**200**	**149**
East Malaysia				
9M8Z	**A**	**8,261,785**	**2636**	**959**
			(OP: 9M6DXX)	
Guam				
KG6DX	**28**	**4,406,832**	**1910**	**808**
Hawaii				
NH7RO	**A**	**4,104**	**40**	**38**
Indonesia				
***YC2FAJ**	**A**	**94,466**	**203**	**149**
*YBØMWM	"	51,186	139	114
*YB2ECG	"	40,005	138	105
*YC1HLT	"	480	16	16
***YC8HI**	**21**	**966**	**23**	**21**
***YB1AR**	**3.7**	**15,386**	**62**	**49**
New Zealand				
ZL1T	**A**	**150,360**	**262**	**210**
			(OP: ZL1ANH)	
***ZM3T**	**14**	**1,036,074**	**780**	**481**
			(OP: W3SE)	
Philippines				
***DU7HF**	**A**	**92,316**	**217**	**147**
SOUTH AMERICA				
Argentina				
LU6QI	**A**	**528**	**11**	**11**
LR2F	**28**	**7,746,093**	**2668**	**1009**
LU3HS	"	4,503,842	1950	827
LU7ADR	"	2,130	35	30
LW6DG	**21**	**3,352,016**	**1534**	**766**
LR9D	**7**	**1,296,297**	**643**	**369**
			(OP: LU9ESD)	
***LU4HW**	**A**	**164,502**	**296**	**234**
*LU7YW	"	75,046	183	157
***LU8EOT**	**28**	**4,400,685**	**1819**	**855**
*LU3JVO	"	24,910	103	94
Aruba				
P41P	**A**	**23,229,884**	**5365**	**1303**
			(OP: DF7ZS)	
Brazil				
ZZ2T	**A**	**12,663,156**	**3677**	**1164**
			(OP: PY2MNL)	
PY3DX	"	105,842	214	187
PY3APY	"	98,208	212	186
PY5ZD	"	96,222	221	174
PP5JN	**28**	**1,398,132**	**933**	**547**
PY1EW	"	1,078,740	819	468
PY2HL	"	540	16	15
PR7AR	**21**	**581,357**	**560**	**371**
PT2CM	**14**	**4,830,602**	**1902**	**887**
			(OP: PT2IC)	
PY2KJ	"	72,562	178	146
PY7ZY	"	62,080	167	128
PY1CAS	"	12,141	72	71
PR7AP	**7**	**252,560**	**226**	**205**
***PY2VZ**	**A**	**1,434,860**	**945**	**554**
*PV7M	"	963,500	791	470
			(OP: PT7ZT)	
*PY1SX	"	93,593	193	173
*PY3OPP	"	92,364	200	172
*PY7DJ	"	53,055	220	135
*PY3FOX	"	34,068	121	102
*PY2ABN	"	33,176	131	116
*PY2JCM	"	29,526	145	111
*PP5ZB	"	24,600	115	100
*PY2NM	"	6,750	60	54
***PR3A**	**28**	**4,639,460**	**1872**	**868**
*PY3FJ	"	1,323,552	863	544
*PU8WWW	"	1,248,566	864	551
*PU2STZ	"	853,549	687	449
*PY2HT	"	839,300	720	436
*PY2TKB	"	774,204	660	433
*PU1KGG	"	396,198	457	319
*PY2TNT	"	357,408	442	306
*PY2XV	"	100,534	237	167
*PU2VTC	"	79,261	218	169
*ZW5WIM	"	73,788	195	172
			(OP: PU5IKE)	
*PU5AGM	"	24,960	119	104
*PY2XC	"	13,800	76	69
*PY4XX	"	3,663	37	37
*PY2LUC	"	240	11	10
***PY9MM**	**21**	**1,069,932**	**721**	**547**
*PP5BB	"	37,023	128	123
***PY2VM**	**14**	**6,018**	**53**	**51**
Chile				
3G3O	**A**	**507,000**	**572**	**338**
			(OP: CE3OPE)	
***CE5PHI**	**28**	**208,750**	**337**	**250**
Colombia				
***HK3JJB**	**7**	**83,070**	**125**	**117**
Ecuador				
***HC5VF**	**A**	**412,794**	**463**	**323**
Uruguay				
***CX1CAK**	**28**	**7,722**	**57**	**54**
Venezuela				
YW5T	**7**	**6,849,684**	**1516**	**783**
			(OP: YV5JBI)	
***YV8AD**	**A**	**2,390,775**	**1264**	**635**
***YV5JF**	**28**	**1,330,662**	**1014**	**479**
***YV7OMF**	**21**	**33,488**	**114**	**112**
QRP				
TI5N	**A**	**1,449,725**	**1089**	**515**
			(OP: W8QZA)	
TM9K	**"**	**953,680**	**826**	**524**
			(OP: F5BEG)	
LU7HZ	**"**	**756,646**	**678**	**422**
DL8LR	**"**	**749,700**	**707**	**490**
NDØC	**"**	**641,600**	**663**	**401**
IZ8JFL	**"**	**541,250**	**700**	**433**
OO4O	**"**	**500,148**	**567**	**421**
RN4HAB	**"**	**496,353**	**705**	**429**
HG6C	**"**	**485,204**	**590**	**404**
			(OP: HA6IAM)	
E77TA	**"**	**482,466**	**636**	**382**
UX2MF	**"**	**396,589**	**514**	**401**
RT4W	"	388,544	596	416
IZ1ANK	"	365,160	609	408
JR3RWB	**"**	**352,692**	**490**	**291**
EA1GT	**"**	**334,236**	**535**	**346**
KCØMO	"	316,464	462	304
			(OP: KØOU)	
HA7YS	"	283,974	442	318
UT5UUV	"	274,458	491	298
DR2Q	"	273,360	495	340
			(OP: DL8MBS)	
KT8K	**"**	**269,856**	**397**	**288**
UT5EOX	"	245,315	453	301
N9LB	**"**	**232,716**	**368**	**258**
RA1AL	"	230,688	414	324
PE2K	**"**	**220,158**	**431**	**302**
SP2DNI	**"**	**203,792**	**396**	**271**
EF8C	**"**	**188,726**	**247**	**197**
			(OP: WP3A)	
NT4TS	**"**	**187,110**	**294**	**243**
IZ1JLF	"	175,653	359	261
EU3NA	**"**	**164,338**	**324**	**254**
YO9FTN	**"**	**150,331**	**293**	**239**
UT8UL	"	133,152	286	228
VK4ATH	**"**	**132,076**	**261**	**178**
LU1VK	"	123,519	264	197
RW3AI	**"**	**115,962**	**308**	**231**
UX8ZA	"	112,347	306	219
RA4FUT	"	103,032	280	216
SP5XSL	"	100,880	267	208
YO4AAC	"	100,116	260	206
YU1LM	**"**	**95,550**	**247**	**195**
KC5WA	**"**	**92,310**	**249**	**170**
CT2KCG	**"**	**79,662**	**222**	**187**
EA1TI	"	71,378	205	178
IK3XTY	"	67,462	232	178
DF2WF	"	66,394	199	178
I2BPP	"	58,981	192	169
JA2MWV	**"**	**58,680**	**194**	**120**
IZ7FLP	"	57,038	193	158
LZ7H	**"**	**53,976**	**199**	**156**
DL/KL1A	"	53,460	198	162
IZ2QKG	"	48,139	208	161
AI9K	"	45,560	178	136
AB3GB	**"**	**43,268**	**147**	**116**
JK1TCV	**"**	**41,808**	**135**	**104**
EA3FF	**"**	**40,528**	**153**	**136**
SQ8MFB	"	40,326	168	143
KD8DVY/4	"	38,907	149	131
LZ2NG	"	37,356	138	132
EA4EMC	**"**	**36,352**	**137**	**128**
DJ3GE	"	32,637	156	129
OZ6OM	**"**	**31,527**	**125**	**113**
9A2Ø4OP	**"**	**30,831**	**142**	**129**
IW3SGT	"	25,134	141	118
W2JEK	**"**	**23,904**	**107**	**96**
7K1CPT	"	20,482	104	77
YO5OPH	"	20,460	98	93
PY2BN	**"**	**20,240**	**105**	**92**
UAØSBQ	**"**	**18,018**	**89**	**77**
EA7HE	**"**	**17,460**	**106**	**90**
N8XX	"	16,896	103	88
PDØPMS	"	15,688	119	106
M5AEF	**"**	**11,036**	**96**	**89**
RC9YA	**"**	**9,338**	**60**	**58**
			(OP: RW9Y)	
YO2LAN	"	9,042	67	66
WA5RML	"	8,378	90	71
VA3RKM	**"**	**8,288**	**58**	**56**
OK1DMP	**"**	**5,891**	**48**	**43**
SQ7IQI	"	5,724	57	54
KA5PVB	"	5,586	68	57
AF9J	"	5,044	61	52
UT3IW	"	4,972	47	44
KK7VL	**"**	**4,914**	**63**	**54**
DU7JGU	**"**	**3,956**	**47**	**43**
YO4HHP	"	1,768	37	34
EA3GI	"	1,728	27	27
UU9JQ	"	1,728	35	32
K6RM/4	"	1,632	24	24
EA3FHP	"	1,404	30	26
EA4CU	"	1,225	25	25
RK6AQM	**"**	**1,150**	**25**	**25**
OZ1LTR	"	957	32	29
JH7UJU	**"**	**940**	**23**	**20**
JL6LTB	**"**	**874**	**20**	**19**
KG7WZ	"	828	23	23
VU2GUR	**"**	**684**	**18**	**18**
UA3TW	"	532	20	19
EA3GYE	"	495	16	15
F6BZG	"	336	13	12
YC1RHS	**"**	**18**	**2**	**2**
LU3HFA	**28**	**120,330**	**249**	**191**
ON6NL	**"**	**92,105**	**219**	**169**
I5KAP	**"**	**79,977**	**198**	**159**
R2AD	**"**	**30,680**	**134**	**118**
YO5OHY	**"**	**27,730**	**104**	**94**
LU7VCH	"	21,725	95	79
EC4AA	**"**	**14,960**	**89**	**80**
RA4CLU	**"**	**11,319**	**87**	**77**
KG4CDL	**"**	**10,726**	**67**	**62**
R7MX	**"**	**10,540**	**72**	**68**
DL2TM	**"**	**9,735**	**66**	**59**
YO9GSB	"	9,519	61	57
BY1SK	**"**	**7,205**	**63**	**55**
F4FPG	**"**	**6,069**	**56**	**51**
3Z3Z	**"**	**5,250**	**45**	**42**
			(OP: SQ3ET)	
RX3AU	"	3,708	39	36
LU6EVD	"	2,686	34	34
JI3CJO	**"**	**2,144**	**32**	**32**
OM8JP	**"**	**1,449**	**23**	**23**
DF7LS	"	1,176	21	21
JR1USU	**"**	**66**	**6**	**6**
ZS1LL	**"**	**45**	**5**	**5**
JA1POS	"	9	3	3
EI4II	**21**	**117,898**	**268**	**233**
EA1CJJ	**"**	**109,068**	**276**	**244**
SP4LVK	**"**	**92,571**	**241**	**177**
WA6FGV	**"**	**91,455**	**224**	**195**
JH3DMQ	**"**	**79,325**	**200**	**167**
IV3AOL	**"**	**64,872**	**174**	**153**
IZ3NVR	"	46,800	165	150
MW8T	**"**	**44,968**	**160**	**146**
			(OP: MMØCWJ)	
JR1NKN	**"**	**41,535**	**151**	**117**
UI8CM	**"**	**24,472**	**98**	**92**
KF7IYQ/2	**"**	**20,856**	**93**	**88**
W3EK	**"**	**20,381**	**93**	**89**
DL1DXA	**"**	**19,550**	**99**	**85**
VU2PTT	**"**	**10,416**	**64**	**62**
SP9GLJ	"	6,710	58	55
IK7XNF	"	5,376	61	56
RA4DX	**"**	**2,728**	**49**	**44**
JA6WEQ	**"**	**1,430**	**27**	**26**
9M2SM	**"**	**1,302**	**22**	**21**
			(OP: 9M2GET)	
VU2UR	"	1,127	25	23
BG1UW	**"**	**1,008**	**34**	**28**
VE3GTC	**"**	**612**	**17**	**17**
CO8ZZ	**"**	**504**	**14**	**14**
JAØGSG	"	45	5	5
E27EK	"	8	2	2
YT1CS	**14**	**131,108**	**355**	**292**
SP3DRM	**"**	**81,468**	**264**	**219**
ON3DI	**"**	**50,220**	**214**	**186**
RU4SM	**"**	**43,792**	**204**	**184**
UAØA	**"**	**38,350**	**123**	**118**
LY5G	**"**	**31,106**	**172**	**151**
JA2JSF	**"**	**26,936**	**119**	**104**
IN3HUU	**"**	**23,580**	**151**	**131**
UA1CEC	**"**	**13,886**	**119**	**106**
SQ3OGP	"	13,000	109	100
LA8WG	**"**	**10,920**	**114**	**105**
DU1AJ	**"**	**10,354**	**68**	**62**
MØJBA	**"**	**7,440**	**86**	**80**
BG7FBI	**"**	**5,300**	**67**	**53**
IZ5JLW	"	3,763	53	53
YO6OEJ	**"**	**3,248**	**60**	**58**
BH4RNX	"	1,288	31	28
R2WW	**"**	**1,254**	**34**	**33**
LZ1/TA2AHS	**"**	**1,053**	**28**	**27**
UX7QG	**"**	**720**	**24**	**24**
IZ5PNL	"	440	20	20
VR2JAM	**"**	**378**	**14**	**14**
			(OP: VR2UNG)	
DJ6TB	"	81	9	9
IZ2WMW	"	16	4	4
S57SU	**7**	**609,329**	**550**	**427**
9A2Ø9L	**"**	**217,722**	**329**	**262**
			(OP: 9A9L)	
SP2QOT	**"**	**180,576**	**306**	**264**
SP4GFG	"	172,125	301	255
HA8V	**"**	**57,961**	**174**	**149**
I2/IZ3IBL	**"**	**31,680**	**118**	**110**
K3TW/4	**"**	**12,996**	**60**	**57**
DDØVS	**"**	**8,976**	**77**	**68**
N1TM	**"**	**3,104**	**32**	**32**
ACØZG	"	4	2	2
UX9Q	**3.7**	**36,010**	**138**	**130**
			(OP: UR9QQ)	
K9JWV/7	**"**	**4,272**	**57**	**48**
9A4AA	**1.8**	**1,984**	**32**	**32**
R3VA	**"**	**91**	**8**	**7**

MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA

United States

AK1W	**14,020,635**	**3935**	**1285**
KM1W	3,872,750	1566	875
NG1R	2,137,278	1249	689
NC1I	705,200	685	410
W1BUR	7,560	56	56
WW2DX	**19,167,080**	**4495**	**1373**
AB2DE	1,514,688	874	644
WV2ZOW	1,033,734	860	457
N2FF	614,658	555	402
W2GH	419,888	438	326
NO2J	275,076	400	283
N2NGW	205,146	316	261
WR3Z	**10,964,307**	**3668**	**1213**
N3WAX	569,859	597	339
W3LJ	214,750	336	250
KM4MK	**2,957,184**	**1751**	**816**
WF3C/4	2,714,838	1629	777
K4NAB	506,483	553	361
N4DXY	216,832	353	242
K5KDX	**219,964**	**348**	**254**
K5TR	59,210	219	155
N5FM	55,266	181	151
AD5XM	3,432	42	39
NY6N	**14,316,616**	**4215**	**1304**
KX7M/6	10,136,232	3480	1124
WQ6X	5,377,580	2503	860
KE1B/6	2,716,270	1783	745
KU6W	2,090,574	1304	666
WI6I	1,724,800	1734	616
WM6A	567,816	545	401
W6KA	437,524	572	356
K6UD	161,403	330	219
KS7AA	**7,268,469**	**2533**	**969**
KK7PR	3,758,686	2089	829
W7IWW	1,006,368	1075	528
N7VF	878,548	737	451
WS7L	411,585	507	345
WX7P	241,224	389	276
WS7V	192,533	404	253
K7JAN	183,513	355	249
N7LR	83,790	233	171
WC5B/8	**139,832**	**303**	**227**
KD9ST	**4,563,870**	**2362**	**894**
KØRH	**2,889,789**	**2321**	**713**
KØJDD	1,009,944	832	507
KCØDWX	26,085	124	111
Alaska			
KL7AIR	**760,682**	**681**	**442**
Canada			
VC2G	**3,712,328**	**1513**	**757**
VE2NGH	2,467,941	1217	669
VA2TG	2,044,700	1121	635
VC3T	**5,010,247**	**1802**	**881**
VC3B	1,803,458	1132	562
VE3ZJS	3,913	43	43
VC6R	**12,680,220**	**3689**	**1140**
VE6AO	477,325	656	313
VE7NA	**80,483**	**205**	**151**
El Salvador			
HUØA	**2,937,141**	**1746**	**711**
US Virgin Islands			
WP2Z	**21,335,538**	**5548**	**1358**
KP2TM	17,121,160	5274	1301
KP2DX	674,561	611	359

AFRICA

Botswana			
A25HQ	**202,170**	**302**	**230**
Guinea-Bissau			
J52HF	**697,872**	**656**	**372**
Madeira Islands			
CQ9T	**21,845,680**	**4688**	**1360**
Morocco			
5D5A	**38,510,454**	**6579**	**1601**
Namibia			
V55B	**3,758,040**	**1658**	**780**
Senegal			
6V7Z	**27,788,120**	**6043**	**1465**
Tunisia			
3V8BB	**26,263,647**	**5018**	**1363**

ASIA

Asiatic Russia			
RF9C	**29,872,318**	**5696**	**1489**
RK9CYA	1,363,984	893	523
RK9SWF	1,096,620	782	490
RK9MWO	151,317	272	207
UI9I	141,375	256	195
RZØSZZ	**4,692,506**	**1941**	**826**
RZØCWH	35,207	136	109
Asiatic Turkey			
YM7KA	**14,529,592**	**3861**	**1133**
TC3C	7,521,552	2531	828
YM3KM	2,544,048	1251	604
China			
BY5CD	**5,457,870**	**2340**	**894**
B3C	1,915,948	1352	634
B4S	1,822,048	1201	587
BY8DX	1,499,797	1200	559
BY2AA	1,319,010	992	571
BY4SA	808,353	765	441
B4X/6	530,530	658	371
BY6LY	380,568	795	303
BY1CQ	289,954	512	298
BY1QH	97,539	248	183
BY2WL	54,349	177	139
BD4SVB	2,880	39	36
BY4RWT	1,950	33	30
Cyprus			
P33W	**37,798,352**	**7283**	**1556**
Hong Kong			
VR2HKS	**972**	**28**	**27**
Japan			
JA1ZGP	**166,722**	**309**	**222**
JI2ZEY	**2,163,405**	**1228**	**619**
JE7YSS	**3,158,218**	**1450**	**766**
Kazakhstan			
UP2L	**27,522,568**	**5365**	**1451**
Kuwait			
9K2HN	**15,264,424**	**4211**	**1112**
Saudi Arabia			
7Z1SJ	**12,592,800**	**3363**	**1080**
Taiwan			
BPØP	**2,137,674**	**1485**	**661**
United Arab Emirates			
A6ØA	**607,523**	**565**	**413**
West Malaysia			
9M2NNM	**420,282**	**625**	**362**

EUROPE

Austria			
OE3K	**19,989,925**	**4905**	**1465**
OE6XUG	167,480	334	265
Belarus			
EW8ZO	**356,928**	**528**	**338**
EW8ZZ	3,520	44	40
EU1XA	1,320	34	33

Belgium

ON6BR	**1,871,155**	**1208**	**715**
ON4CRD	334,024	477	344
ON4CP	15,280	90	80

Bosnia-Herzegovina

E74ACL	**902,010**	**906**	**562**

Croatia

9A22P	**18,871,685**	**4871**	**1435**
9A8M	9,072,856	3181	1196
9A1CRD	15,312	97	87

Czech Republic

OK2KOJ	**2,489,418**	**1447**	**753**
OK2RVM	497,743	639	391

Denmark

OZ2AR	**1,534,496**	**1109**	**632**
OZ5GX	1,106,432	991	512

England

G2W	**9,225,118**	**3374**	**1162**
M4U	2,624,820	1602	820
G5FZ	1,658,270	1264	695
GXØFUN	1,398,036	1019	678
G0D	512,079	588	393
G4EKT	11,055	71	67

Estonia

ES9C	**21,585,315**	**5603**	**1549**
ES1XQ	1,064,061	1092	573
ES1N	5,559	62	51

European Russia

RZ1AWT	**91,805**	**286**	**215**
RL3A	**22,523,280**	**6003**	**1560**
RU5TT	3,095,810	2005	877
UG3G	955,136	1095	574
RT2M	346,110	612	417
RC3W	272,285	471	355
RL3QWA	208,314	443	326
RA3SI	158,337	275	241
RK3FWE	41,454	169	147
RT4F	**20,857,344**	**5837**	**1536**
RK4HYT	1,083,810	985	546
UE85DRK	**2,991,807**	**2222**	**843**
RK9FYS	**65,148**	**227**	**178**

Fed. Rep. of Germany

DQ4W	**9,663,060**	**3145**	**1210**
DLØUM	3,872,642	1717	887
DD2CW	3,070,244	2117	772
DP7D	2,435,070	1422	785
DLØP	1,616,502	1164	643
DL1NKS	1,500,642	1215	583
DJØA	1,396,383	920	597
DC6RI	1,032,669	969	549
DQ5X	892,680	955	519
DP5P	670,016	706	464
DKØSU	256,366	368	271
DR2P	198,900	376	260
DLØH	163,386	324	261
DLØML	61,623	187	167
DLØTUM	1,600	27	25

Finland

OH8X	**10,948,224**	**3994**	**1344**
OH6K	452,510	538	370
OH2K	54,340	174	143

Greece

SZ3P	**3,805,540**	**2449**	**895**
SZ1A	2,670,440	1911	808

Ireland

EI8ØIRTS	**658,860**	**707**	**474**

Isle of Man

GT8IOM	**1,110,725**	**977**	**577**

Italy

IO5O	**13,781,740**	**3778**	**1372**
IR6T	7,665,918	2737	1131
IR5A	5,059,880	2208	1063
IY4FGM	4,085,276	1921	1004
IQ6RS	2,295,240	1553	744
IO7T	1,742,784	1280	696
II5PT	1,697,076	1271	708
IQ3UD	977,466	1003	629
IQ3PN	398,537	527	353

Jersey

GJ2A	**60,350**	**207**	**170**

Luxembourg

LX75RL	**1,212,432**	**912**	**624**

Netherlands

PA6V	**2,798,761**	**1504**	**811**
PA6B	1,078,398	970	543
PA5W	176,616	326	264

Norway

LN7H	**681,675**	**794**	**447**
LA1K	115,842	360	258
LN1B	36,974	163	139

Poland

SO9Q	**10,474,718**	**3339**	**1238**
HF3A	9,426,816	3023	1169
SN9V	3,317,892	1803	849
SN7H	2,566,026	1667	779
SP6YAQ	2,106,570	1318	710
SP2KPD	1,392,787	1049	583

Portugal

CR6P	**4,528,260**	**2146**	**990**
CS2P	3,269,743	2077	953

Romania

YP7P	**2,142,750**	**1391**	**750**
YR2X	811,620	763	486
YR8D	668,572	708	463
YO4KAK	198,444	401	276
YP2P	174,384	364	252

Scotland

GM7A	**2,328,640**	**1427**	**766**

Serbia

YT2T	**10,151,880**	**3599**	**1240**
YU7AJM	828,307	796	463

Sicily

II9P	**10,264,944**	**3850**	**1264**
II9K	7,459,803	3080	1203
IO9A	4,311,945	2324	1023
IF9A	3,073,455	1943	887

Slovak Republic

OM7M	**15,957,970**	**4198**	**1385**
OMØA	3,164,808	1975	809
OM4C	3,164,355	1672	855

Slovenia

S51A	**9,217,440**	**3305**	**1184**
S56CW	4,169,616	2176	894
S59T	1,134	30	27

Spain

EC1DBO	**5,000,760**	**2462**	**958**
ED1C	1,917,876	1367	724
ED1G	1,769,459	1309	719
EE2K	**4,202,880**	**2103**	**960**
ED2W	554,800	736	475
ED3X	**10,874,058**	**3549**	**1279**
EE3T	6,449,960	2992	1096
EA4RCT	**16,020**	**94**	**89**
EA5URV	**1,293,516**	**1120**	**609**

Sweden

SK7OA	**3,333,524**	**1797**	**853**

Switzerland

HB9EE	**6,710,349**	**2572**	**1097**
HB9MH	5,615,400	2318	955
HB9ODK	553,656	575	408
HB9FA	246,000	406	300

Ukraine

UX2U	**4,545,260**	**2497**	**943**
UT7E	4,536,773	2422	943

OCEANIA

Australia

VK4NM	**11,989,252**	**3368**	**1042**
VK6AHR	21,165	93	85

East Malaysia

9M6SDX	**2,132,568**	**1397**	**486**

Guam

WH2DX	**1,407,710**	**997**	**478**

Hawaii

KH7X	**19,038,120**	**4430**	**1180**

Indonesia

YB1C	**4,708,340**	**1927**	**845**
YE3J	317,070	427	234

Philippines

DU1HR	**1,671,360**	**1120**	**480**
4GØLD	416,540	617	236

SOUTH AMERICA

Argentina

LS1D	**17,695,510**	**4400**	**1334**
AY5F	17,023,395	4310	1299
LV6D	5,870,004	2236	938
L73D	3,493,228	1548	799
LU1UM	1,487,646	1097	486
LT5D	1,427,755	926	565
L60S	668,152	653	376
LQ4D	159,285	286	205

Brazil

PQ5B	**17,088,354**	**4298**	**1269**
PW2D	15,690,814	4053	1291
PW2T	8,287,457	2842	1021
ZW4O	5,662,569	2005	957
PX7C	4,159,876	1635	812
ZV2K	3,811,148	1685	814
ZW8T	1,768,044	1032	587
PR5A	1,215,164	841	542
PT2CVA	1,020,604	842	494
PY3AA	5,031	45	43

Chile

CE1TT	**5,993,478**	**2325**	**934**
CE2LS	3,124,784	1468	724

MULTI-OPERATOR TWO TRANSMITTER NORTH AMERICA

United States

KE3X	**14,400,995**	**4361**	**1285**
WC6H	**13,697,376**	**4849**	**1232**
K4BP	**10,975,920**	**3842**	**1245**
NØMA	**4,349,362**	**2148**	**899**
NA5NN	**4,292,762**	**2704**	**866**

Canada

VE3MIS	**3,596,800**	**1357**	**800**
VE3WBT	1,629,015	1127	487

AFRICA

CR3A	**50,282,186**	**8518**	**1702**
V55V	**36,092,544**	**7341**	**1544**
ED9Z	**31,118,395**	**5945**	**1441**
CQ3L	28,737,382	5822	1433

ASIA

A73A	**28,885,818**	**6282**	**1401**
JT5DX	**18,151,616**	**4958**	**1307**

EUROPE

EI1ØØT	**33,721,072**	**7665**	**1616**
OL4A	**29,159,072**	**6593**	**1592**
9A7A	**25,898,786**	**6309**	**1598**
DQ8N	**25,729,776**	**6508**	**1576**
ED1R	**22,438,600**	**5963**	**1510**
IR9Y	**20,422,264**	**5836**	**1558**
HG7T	**19,571,712**	**5440**	**1472**
DR5N	19,125,673	5173	1477
G6PZ	**18,294,624**	**5173**	**1371**
OH5Z	**16,180,905**	**4933**	**1473**
PI4DX	**13,473,653**	**4039**	**1357**
IQ1RY	12,167,280	3794	1290
E72ØRS	**12,020,479**	**4137**	**1307**
GSO	11,496,200	3909	1223
LY22A	**10,941,016**	**3932**	**1256**
S55T	**10,470,735**	**3244**	**1089**
DM4X	10,227,148	3604	1231
7SØX	**7,714,107**	**3239**	**1143**
DR7B	5,306,712	2716	984
DAØT	4,631,852	2427	926
CD7A	**4,281,255**	**2331**	**961**
SP9PDF	**4,010,495**	**2003**	**895**
IQØRM	1,933,963	1196	739
EE1D	1,791,282	1211	722
DJ5AN	1,289,377	969	619
SK6HD	1,015,014	911	546

OCEANIA

YB8Y	**5,664,852**	**2618**	**636**

SOUTH AMERICA

PJ4Z	**57,741,867**	**9873**	**1641**
PW7T	**44,052,624**	**7943**	**1624**
LR3M	**15,359,800**	**4347**	**1259**
XR6T	**14,278,810**	**4174**	**1183**
LU4FM	10,570,752	3258	1147
PR5D	6,822,520	2494	940

MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA

United States

NX5M	**19,565,898**	**6827**	**1441**
WX3B	**18,216,301**	**5102**	**1439**
NR6O	**17,320,290**	**5759**	**1335**
NE1C	**9,110,720**	**3299**	**1136**
AK7AZ	**3,608,815**	**2292**	**805**
NQØK	**118,604**	**293**	**199**

Alaska

KL7RA	**19,449,164**	**5008**	**1316**

Canada

VC6Z	**19,953,621**	**5048**	**1361**
VA5AA	**6,161,524**	**2401**	**974**
VE7IO	**1,900,555**	**1162**	**635**

AFRICA

EB8AH	**76,018,024**	**11714**	**1784**

ASIA

JE1ZWT	**8,428,028**	**2715**	**1058**
B1Z	**7,590,180**	**3056**	**1052**
BVØJ	**6,963,698**	**3388**	**917**

EUROPE

DR1A	**51,608,753**	**10636**	**1841**
9A1A	**38,960,724**	**8801**	**1749**
OT5A	**34,489,028**	**7921**	**1687**
LZ9W	**34,413,120**	**8514**	**1680**
HG1S	**26,861,948**	**6713**	**1579**
LY7A	**19,266,170**	**6106**	**1441**
DP6T	18,691,695	5415	1485
EE1W	**15,352,676**	**5249**	**1412**
EA3GTJ	**6,967,635**	**3028**	**1115**
SN6F	**5,052,861**	**2494**	**963**
UZ2Q	**761,022**	**877**	**459**
DB5ØEFA	323,613	531	369
IZ1OMY	**320,594**	**425**	**314**

OCEANIA

VK4KW	**18,934,336**	**4713**	**1216**
VK2KDP	3,228,196	1443	631
DX1DBT	**303,303**	**489**	**231**

SOUTH AMERICA

LP1H	**47,996,898**	**9039**	**1662**
3G1B	**11,032,521**	**3382**	**1159**

ROOKIE

United States

K6AAX	**A**	**655,578**	**811**	**387**
W1PL	**"**	**413,049**	**504**	**357**
WT6H	"	212,052	358	246
N1AGE	"	131,652	260	207
KJ6HBY	"	121,290	287	195
WA6KEK	"	61,116	192	132
KØSTP/4	**"**	**45,924**	**167**	**129**
KC2ZPK	**"**	**18,879**	**98**	**87**
KD8PHI	**"**	**12,352**	**69**	**64**
W7MCM	**"**	**10,850**	**66**	**62**
N9LIS	**"**	**2,695**	**35**	**35**
K4DKE	"	132	6	6
AK3S	**21**	**155,178**	**255**	**233**
KF7IYQ/2	**"**	**20,856**	**93**	**88**
ACØZG	7	4	2	2
***W4DTB**	**A**	**529,968**	**558**	**362**
***AB1OD**	**"**	**507,676**	**522**	**338**
***AC8GX**	**"**	**435,400**	**539**	**350**
*K8PGJ	"	421,824	501	312
*NA4EA	"	334,641	356	337
*KD8NOH	"	314,032	413	304
*AK4QU	"	253,328	381	284
***NW5Q**	**"**	**218,078**	**403**	**259**
*KF5IXE	"	210,627	456	261
*KB1UUB	"	148,941	269	201
***K7TYF**	**"**	**118,800**	**280**	**198**
***WØTUP**	**"**	**102,800**	**253**	**200**
*KK4EDY	"	102,120	227	184
***NJ6G**	**"**	**75,492**	**228**	**162**
*KF7DYX	"	71,200	222	160
*KF7IUH	"	65,312	203	157
*AE7NR	"	62,424	213	153
*AK4EM	"	46,002	145	123
***KC2WUF**	**"**	**28,420**	**115**	**98**
*KA8NJW	"	26,182	125	106
*W7DXW	"	24,816	107	94
*KDØKIM	"	24,274	122	106
*KRØL	"	22,533	134	111
*KJ6RQT	"	16,168	105	86
*NA3Z/4	"	9,918	61	58
*K8JTD	"	9,362	69	62
*KF7KXV	"	9,288	76	72
*N7FZY/6	"	7,238	56	47
*KW6JIM	"	6,758	69	62
*NØAJN	"	4,312	44	44
*KDØKQS	"	4,095	46	45
*KK4HHO	"	2,673	36	33
*N4ERZ	"	2,464	31	28
*KDØOYR	"	2,400	33	32
***AB3OB**	**"**	**1,820**	**26**	**26**
*AG6KA	"	1,675	27	25
*KB1WRH	"	1,320	22	20
***KC9VGG**	**"**	**975**	**28**	**25**
*KF7SKB	"	350	14	14
*W5TJS	"	36	4	4
***KC9TQR**	**28**	**4,368**	**44**	**39**
*W9YB	"	4,368	44	42
			(OP: KC9UWQ)	
***KJ6MQM**	**"**	**2,856**	**36**	**34**
*KB1WUO	"	950	19	19
***KK4FYV**	**"**	**84**	**6**	**6**
*KK4BSM	"	27	3	3
***KB3SQV**	**"**	**24**	**4**	**4**
*KK4GGZ	"	12	2	2
***AG6AN**	**21**	**9,387**	**63**	**63**
*KK6BJ	"	276	12	12
***KDØNEL**	**14**	**20,453**	**154**	**113**
***KC2YXU**	**7**	**616**	**14**	**14**

DX

UA5A	**A**	**11,307,639**	**3949**	**1263**
			(OP: RA3AKT)	
S59ABC	**"**	**7,429,512**	**2776**	**1047**
			(OP: S56AA)	
RN3DMU	"	3,146,094	2003	861
HZ1TT	**"**	**2,504,568**	**1297**	**583**
UD3D	"	2,221,128	1858	756
			(OP: UB3DAY)	
IZ3SQW	**"**	**1,957,893**	**1430**	**701**
DG7HL	**"**	**684,950**	**698**	**475**
YP6Z	**"**	**576,678**	**587**	**431**
			(OP: YO6PZZ)	
ON7HLU	**"**	**357,896**	**527**	**392**
JO4CTB	**"**	**321,468**	**439**	**267**
DL1WM	"	112,554	253	222
WP4I	**"**	**89,658**	**190**	**153**
IZØRCP	"	83,265	205	183
IZ7SLU	"	72,982	208	182
F1PYN	**"**	**28,702**	**125**	**113**
EA3HEK	**"**	**2,492**	**31**	**28**
BH1LYB	**"**	**1,316**	**28**	**28**
RA3ICK	"	280	11	10
PY1EW	**28**	**1,078,740**	**819**	**468**
BY1CW	21	134,596	518	209
			(OP: BD1GXH)	
D4C	**14**	**6,534,990**	**2278**	**966**
			(OP: IZ4UEZ)	
BH4RNX	**"**	**1,288**	**31**	**28**
LZ1/TA2AHS	**"**	**1,053**	**28**	**27**
			(OP: TA2AHS)	
IZ2WMW	"	16	4	4
***EA2LMI**	**A**	**1,090,100**	**983**	**550**
***ED7R**	**"**	**1,009,125**	**1230**	**621**
			(OP: EA7IZJ)	
***OH3FOG**	**"**	**998,037**	**904**	**519**
***YO5LD**	**"**	**818,100**	**860**	**505**
***UB9AAJ**	**"**	**517,924**	**465**	**316**
***F4GDI**	**"**	**443,820**	**551**	**390**
***VK5PAS**	**"**	**414,352**	**455**	**304**
***LA1DSA**	**"**	**327,474**	**501**	**339**
***EA5HRB**	**"**	**320,112**	**442**	**324**
*RV9WND	"	253,184	346	256
***UR6LEY**	**"**	**239,008**	**396**	**308**
***CT2KFA**	**"**	**230,298**	**381**	**293**
***VE4TTH**	**"**	**221,961**	**328**	**241**
*UR3AHF	"	208,080	383	289
***DL7DET**	**"**	**201,772**	**412**	**292**
***IZ2QGH**	**"**	**172,546**	**315**	**242**
***VA3DBT**	**"**	**151,620**	**277**	**210**
***2E0TCC**	**"**	**147,506**	**346**	**262**
*GØLZX	"	121,746	256	197
***OM2DT**	**"**	**119,567**	**252**	**203**
*DL6TA	"	118,622	293	229
*YO2MKT	"	105,690	237	195
***SP5TWA**	**"**	**105,152**	**259**	**212**
***OZ2CA**	**"**	**98,345**	**263**	**221**
*IZ2UST	"	97,970	258	202
***VE6AMI**	**"**	**94,500**	**211**	**180**
***EI9GSB**	**"**	**92,650**	**249**	**218**
*ED5A	"	92,316	238	196
			(OP: EA5HRT)	
*SN1T	"	88,059	249	197
			(OP: SQ1RET)	
*LA2NTA	"	86,922	248	198
*VK6MAB	"	82,335	190	165
*EA7JIY	"	74,315	204	167
***S51JS**	**"**	**69,973**	**190**	**167**
*F8KKH	"	60,822	205	186
			(OP: F4GBW)	
*LA9OSA	"	54,720	200	171
*UA9JFH	"	53,325	162	135
***PY7DJ**	**"**	**53,055**	**220**	**135**
***EA3HJO**	**"**	**49,950**	**163**	**135**
*IZ1TYP	"	47,233	160	149
***EA4GHB**	**"**	**44,950**	**179**	**155**
*F4GLQ	"	41,019	132	113
*DD7NT	"	39,902	166	142
*M6TOK	"	37,800	164	140
***PD1TV**	**"**	**33,135**	**160**	**141**
*VA3PAW	"	30,452	111	92
***OE4VMB**	**"**	**30,012**	**145**	**123**
***SAØE**	**"**	**28,080**	**152**	**130**
			(OP: SAØBJL)	
*OE2LRO	"	25,992	144	114
***JG1LPL**	**"**	**22,420**	**103**	**76**
***UB3DAO**	**"**	**20,400**	**104**	**100**
***ISØBGL**	**"**	**19,872**	**103**	**92**
*YO7DBR	"	19,698	105	98
***VU3TMO**	**"**	**17,952**	**96**	**88**
***BG4KLA**	**"**	**17,892**	**92**	**84**
***CO2JW**	**"**	**17,765**	**95**	**85**
*EA3HDT	"	16,920	106	94
*YO2MKL	"	16,920	96	90
*M6AGY	"	16,300	105	100
*VK4FATT	"	15,276	68	57
*DL1MWG	"	14,105	102	91
***2U0FER**	**"**	**12,865**	**92**	**83**
*IN3EJN	"	11,988	84	81
*YO2MBU	"	11,840	78	74
***EA1HVW**	**"**	**11,550**	**67**	**66**
*IW0EAC	"	11,310	69	65
*IZ1QYD	"	9,864	79	72
***9A5KIS**	**"**	**9,338**	**64**	**58**
*PD1LG	"	7,548	73	68
*UR3LDO	"	6,960	52	48
*VU3NXI	"	6,716	49	46
***LY2HQ**	**"**	**6,200**	**65**	**62**
*BA4SCP	"	6,068	53	41
*LA6VQ	"	6,028	49	44
*JG1SWV	"	5,371	41	41
***VE7VAW**	**"**	**3,572**	**45**	**38**
***KL3HM**	**"**	**3,432**	**37**	**33**
***HL2NFB**	**"**	**3,400**	**35**	**34**
*SQ3PMM	"	2,886	39	37
***UA1WBV**	**"**	**2,772**	**30**	**28**
***MMØIMC**	**"**	**2,618**	**35**	**34**
*EA7JHV	"	1,887	42	37
*OZ8KEL	"	1,881	41	33
*LA9NSA	"	1,025	26	25
*IZ8DUD	"	940	20	20
*DL1MX	"	800	26	25
*IZ1REP	"	756	27	27
*IZ3SXO	"	756	29	27
*OH6FXW	"	675	15	15
*F4FWN	"	540	18	18
*BH1JGA	"	510	18	17
*SM3L	"	286	11	11
			(OP: SA3BPA)	
*DO8UO	"	260	10	10
***5B4AJT**	**"**	**126**	**7**	**7**
*JG1MYK	"	42	7	7
*BH1KZQ	"	35	8	7
***CX1DP**	**28**	**1,510,083**	**999**	**543**
***PU8WWW**	**"**	**1,248,566**	**864**	**551**
*PU2STZ	"	853,549	687	449
*PU1PYZ	"	335,276	412	316
***CT5KAO**	**"**	**163,724**	**325**	**244**
***LU3YEP**	**"**	**111,000**	**271**	**200**
*PU2KIV	"	89,595	222	181
*ZW5WIM	"	73,788	195	172
			(OP: PU5IKE)	
*PU5AGM	"	24,960	119	104
*PY2YRC	"	17,640	93	90
***UB8QAA**	**"**	**16,936**	**85**	**73**
***II7M**	**"**	**12,816**	**77**	**72**
			(OP: IZ7SIA)	
*PY2VOX	"	10,064	81	68
***IT9CLN**	**"**	**9,686**	**61**	**58**
*IZ5UGE	"	8,415	62	55
***EA8CZT**	**"**	**6,075**	**47**	**45**
*PU5ADX	"	3,626	40	37
***SQ9SHR**	**"**	**2,418**	**31**	**31**
***BI7JMD**	**"**	**1,682**	**31**	**29**
***YL3AGV**	**21**	**318,763**	**453**	**361**
***DO3KMF**	**"**	**94,127**	**233**	**199**
***UB6ACR**	**"**	**22,040**	**125**	**116**
***IZ5UGM**	**"**	**12,960**	**73**	**72**
***SQ8KFH**	**"**	**5,661**	**53**	**51**
*IX1CKN	"	4,092	44	44
*SQ8OGC	"	3,567	42	41
*DO7CED	"	783	29	27
*IZ3TFL	"	372	12	12
***UB4AAV**	**"**	**160**	**10**	**10**
***KH2/JO3XGY**	**"**	**27**	**3**	**3**
***LR1H**	**14**	**665,660**	**603**	**401**
***II0K**	**"**	**85,008**	**288**	**231**
			(OP: IZØUME)	
*IV3CTS	"	25,452	126	126
***EA5HKZ**	**"**	**3,127**	**59**	**59**
***SQ3RLC**	**"**	**2,303**	**53**	**49**
***EA1IFU**	**"**	**700**	**28**	**28**
***SV1OBY**	**"**	**320**	**16**	**16**
***F4GTD**	**7**	**592,724**	**645**	**418**
***EA5HSI**	**"**	**345,779**	**383**	**329**
***YO2MJZ**	**"**	**150,332**	**267**	**236**
***MØGVZ**	**"**	**48,840**	**139**	**132**
***IZ7SIA**	**"**	**34,574**	**125**	**118**

TRIBANDER/SINGLE ELEMENT

United States

NXØX/4	**A**	**8,815,183**	**3230**	**1157**
			(OP: N4PN)	
NF4A	"	4,729,318	2148	947
W6TK	**"**	**3,302,784**	**1855**	**752**
N6JV	"	2,768,304	1685	749
KG4W	"	2,229,255	1211	735
W6AEA/7	**"**	**2,175,992**	**1294**	**686**
ACØB	**"**	**2,056,788**	**1636**	**684**
			(OP: NXØX)	
K3MD	**"**	**1,732,722**	**1168**	**634**
AB2E	**"**	**1,674,711**	**1251**	**587**
K5MV	**"**	**1,667,900**	**1222**	**650**
W1KQ	**"**	**1,608,920**	**1048**	**584**
K6MM	"	1,538,400	1144	641
AC9S	**"**	**1,531,455**	**1107**	**579**
N2SQW	"	1,451,738	987	547
NX1P/7	"	1,353,420	1060	515
KE2VB/7	"	1,288,662	1187	541
N3UM	"	1,285,165	818	503
AJ4RW	"	1,232,748	1150	566
WV1H	"	1,218,360	879	520
W7PP	"	1,184,228	866	548
N3RC/7	"	1,096,984	1033	532
AD5VJ	"	1,064,877	991	529
AG5Z	"	990,720	924	512
W5GCX	"	977,856	752	463
K7JQ	"	921,516	990	492
N6WS	"	919,524	666	444
W3TZ/5	"	778,707	678	453
NR7DX	"	731,120	732	481
			(OP: K7ABV)	
W9AV	"	679,770	800	415
N2MUN	"	643,500	606	396
WDØECO	"	641,784	759	408
NDØC	**"**	**641,600**	**663**	**401**
W4AS	"	610,414	497	413
NC4MI	"	601,125	588	375
KI6QDH	"	437,510	541	335
KT1B	"	419,900	448	323
K4GAA	"	405,130	448	319
KO7X	"	388,170	599	342
AB1U/6	"	353,904	478	303
			(OP: W6RKC)	
NX9T/4	"	322,410	502	330
WU6W/7	"	314,847	506	299
W4UT	"	298,016	414	278
KV7DX	"	287,546	556	322
			(OP: AA7V)	
KD7DCR	"	266,552	410	286
N6VH	"	258,995	398	277
WR5G/7	"	256,956	377	276
K6JAT	"	228,330	395	258
K9EN	"	223,560	344	270
K6GEP	"	212,300	334	275
KW3A	"	209,076	431	266
KI4FIA	"	208,500	544	278
WF2B	"	207,207	325	253
			(OP: N1EU)	
N1GLT	"	196,880	291	230
WK1J	"	188,135	284	197
KT6VV	"	184,080	331	240
NB3R	"	180,999	282	221

KD4RF	"	167,320	288	235
			(OP: W9EQ)	
KA4OTB	"	166,100	289	220
AA5B	"	155,763	404	243
N3WD	"	148,674	251	213
KR2E/7	"	147,744	291	228
WA3OFC/4	"	147,586	226	218
W4VKU	"	141,316	228	196
K6ATZ	"	138,600	261	200
AJ4HW	"	134,136	261	207
WA7PRC	"	129,690	280	198
N4NM	"	127,779	244	191
WK4Y	"	126,352	271	212
K4EDI	"	121,520	231	196
W7ON	"	106,860	262	195
N0OO	"	92,169	215	171
KB6A	"	78,546	220	159
KI7Y	"	68,832	197	144
WJ1R	"	67,728	159	136
WG7X	"	64,242	212	166
N3IYX	"	61,073	185	157
AJ7T	"	60,384	217	148
K7CS/4	"	59,492	174	139
N8AGU	"	**55,640**	**151**	**130**
WB7BBQ	"	55,160	164	140
N3XUD	"	53,448	152	131
W6FB	"	48,990	166	142
NJ2F/4	"	45,136	134	124
K7MY	"	44,732	119	106
W1GD/2	"	39,962	111	106
K4GM	"	39,131	129	109
N5FO	"	33,063	108	107
W6SZN	"	31,625	134	115
K1PH	"	26,400	98	88
W6PK	"	23,852	98	89
NF9V	"	22,784	94	89
WB5C	"	22,692	120	93
K9QC	"	22,090	94	94
K3IT	"	12,896	73	62
N4DXI	"	9,020	59	55
W2YE/4	"	8,816	62	58
AI6Z	"	6,240	54	52
WB9B	"	4,773	45	37
WN1GIV/4	**28**	**903,378**	**919**	**471**
			(OP: N4BP)	
KU8E/4	"	349,875	545	311
K4NV	"	174,300	423	210
KQ6ES	"	**89,776**	**291**	**181**
K6LL/7	**21**	**2,080,880**	**1345**	**740**
KZ5J	"	**724,710**	**769**	**493**
N2YBB	"	**408,478**	**416**	**358**
ND5T	"	328,650	565	350
K7RF	"	280,761	392	299
NO6F	"	**90,630**	**253**	**190**
			(OP: K2RD)	
NE6I	"	2,233	29	29
N8HP	**14**	**215,460**	**309**	**285**
KD8SQ	"	92,500	202	185
WN2O	**7**	**204,294**	**341**	**237**
			(OP: N2GC)	
KX9DX	"	**48,069**	**231**	**147**
K7EIQ	"	**960**	**20**	**20**
W8JMF	**3.7**	**11,232**	**49**	**48**
K4JC	"	**10,764**	**55**	**52**
***NR3X/4**	**A**	**2,439,441**	**1517**	**711**
			(OP: N4YDU)	
*KT4ZB	"	1,949,935	1225	655
***NX6T**	"	**1,920,810**	**1403**	**645**
			(OP: K6AM)	
***WZ7ZR**	"	**1,558,752**	**1166**	**624**
***WB8TLI**	"	**1,317,942**	**891**	**531**
***KB9UWU**	"	**1,082,943**	**770**	**513**
*KB9OWD	"	978,112	1077	493
***N1API**	"	**875,996**	**736**	**463**
***NW2K**	"	**758,961**	**818**	**441**
***KD3HN**	"	**743,785**	**656**	**395**
*W1MA	"	692,580	634	420
*K2DSL	"	658,140	652	420
*AA6K	"	657,360	606	415
*K3BL	"	618,068	485	484
*W7SO	"	552,375	590	375
*W7FYW	"	499,995	578	369
*NN6DX	"	495,132	578	372
			(OP: W1PR)	
*WB0TSR	"	491,538	587	366
*AD1C/Ø	"	483,552	535	368
*K2GV	"	470,400	451	320
*KS2G	"	449,242	481	362
*N3ALN	"	411,156	519	324
***WI5ID**	"	**408,120**	**507**	**358**
			(OP: K5IID)	
*KCØDEB	"	402,784	510	328
*NK7L	"	384,130	575	359
*N7MZW	"	379,088	691	344
*AD1L	"	339,434	408	314
*K9JE	"	332,280	432	312
*KS4X	"	294,048	382	288
*K4NC	"	291,720	414	264
*WA1FXK/2	"	267,582	396	277
*WA2TML	"	265,136	340	292
*AB4SF	"	246,980	338	265
*AJ4VE	"	241,965	347	283
*K6AAB	"	223,780	395	268
*KA1EKR	"	198,660	308	220
*N6DZR	"	190,311	305	237
*N8SBE	"	175,017	305	227
*K7HP	"	167,134	309	214
*KKØSD	"	166,105	299	239
*KV2R	"	162,396	285	234
*NG4L	"	147,446	272	214
*W4BAB	"	142,688	271	208
*N4IJ/5	"	140,128	281	232
*NR9A/Ø	"	133,980	272	203
*NY4JB	"	131,820	271	195
*NV9X	"	130,764	252	204
*K4FTO	"	123,977	246	199
*W8GOC	"	110,188	204	163
*WØQQG/4	"	101,061	228	171
*W6RFF	"	96,654	211	181
*KA9MOM	"	81,696	201	184
*AF4DR	"	79,341	197	159
*WGØM	"	78,672	205	176
*KTØA	"	73,032	223	179
*N4ARO	"	69,255	167	135
*W1CRK	"	67,932	174	153
*KØNEB	"	66,220	171	154
*AF5CC	"	64,239	198	161
*AB5XZ	"	63,196	207	148
*K4DMH	"	58,916	174	143
*K6DSW	"	56,280	189	140
*KC5FP	"	55,096	166	142
*W2VU	"	48,256	149	128
*K1VU	"	41,697	125	113
*WØZF	"	40,095	138	135
*N6ENO	"	35,088	158	129
*W7RV	"	30,636	104	92
*W2DZ	"	30,528	130	106
*N6ZE	"	29,920	126	110
*K6CSL	"	27,063	118	97
*W6N	"	24,843	106	91
*AK4NZ	"	23,023	97	91
*NØRZT/4	"	19,844	100	82
*AB1QP	"	19,623	96	93
*AA6EE	"	18,920	106	88
*N2CQ	"	16,999	95	89
*N2GXJ	"	15,876	86	81
*AA4LR	"	14,007	78	69
*NØAX	"	9,856	68	64
*N2JJ	"	9,792	67	64
*ADØH	"	8,684	64	52
*K7TR	"	7,800	60	50
*W8DM/5	"	6,630	54	51
*N8WS	"	6,555	60	57
*KI4YJK	"	4,452	58	53
*KI4HHK	"	4,223	42	41
*KC8UNR	"	3,952	39	38
*WA6GFR	"	3,738	43	42
*K7DAC	"	3,552	40	37
*KC7RPO	"	3,306	39	38
*KG7P	"	2,278	45	34
*WA4PGM	"	1,971	31	27
*AE5NO	"	990	22	22
*N6AJR	"	646	18	17
*N1HO/4	"	595	17	17
*N4LKE	"	180	9	9
***KE5SNJ**	**28**	**16,344**	**85**	**72**
***N1VVV**	"	**2,304**	**33**	**32**
***KM4HI**	**21**	**425,632**	**448**	**376**
***KO3T**	"	**338,256**	**405**	**348**
***NF8J**	"	**221,680**	**297**	**272**
*WA4AXT	"	173,990	288	254
*KG9Z/8	"	97,427	203	187
***N5DTT**	"	**94,272**	**202**	**192**
***K7XE/6**	"	**71,786**	**181**	**143**
***W7UPF**	"	**68,716**	**175**	**164**
*AE6YB	"	36,704	145	124
*K4NVJ	"	14,874	75	74
*N6BHX	"	9,408	76	64
*N5IF	"	1,782	36	33
*W7JFF	"	1,155	21	21
***KG1E**	**14**	**1,036,630**	**795**	**590**
***NN5Z**	"	**331,653**	**533**	**357**
			(OP: K5PX)	
***WØPPF**	"	**26,100**	**129**	**116**
***AF8C**	"	**14,399**	**83**	**77**
***KD7JS**	"	**152**	**8**	**8**
***WF5E**	**7**	**84,812**	**231**	**182**
			(OP: W5AJ)	
***W1DYJ**	"	**37,026**	**102**	**102**
*NU1H	"	1,848	23	22
*KCØRQH	"	462	14	14
***KB7QND**	**3.7**	**12,382**	**130**	**82**
		DX		
RT4RO	**A**	**7,517,104**	**3448**	**1148**
KP2MM	"	**6,621,256**	**2574**	**956**
			(OP: N2TTA)	
LZ2DF	"	**4,606,848**	**2040**	**1032**
EE3A	"	**4,514,610**	**1977**	**915**
			(OP: EA3ATM)	
OQ5M	"	**4,205,362**	**1929**	**917**
			(OP: ON5ZO)	
SV5DKL	"	**4,178,160**	**2123**	**1008**
UA4FEN	"	4,097,236	2195	988
EW2A	"	**3,889,458**	**1985**	**906**
EU1AZ	"	3,149,664	1708	872
EV1R	"	3,141,861	1790	843
UAØSR	"	**2,913,801**	**1580**	**759**
CQ2GG	"	**2,683,535**	**1588**	**655**
JO1WKO	"	**2,349,900**	**1175**	**630**
OK2BXE	"	**2,185,690**	**1273**	**731**
F4FFH	"	**2,178,495**	**1367**	**815**
YO3APJ	"	**1,905,057**	**1140**	**693**
GØVXE	"	**1,861,880**	**1328**	**712**
OE6MDF	"	**1,795,682**	**1223**	**658**
DF5MA	"	**1,668,576**	**1150**	**672**
ED4A	"	**1,516,455**	**1235**	**705**
			(OP: EA4TV)	
SV1JGX	"	**1,465,632**	**1220**	**672**
VE9AA	"	**1,298,286**	**864**	**498**
9A2ØT	"	**1,237,086**	**859**	**558**
			(OP: 9A2EU)	
EYØA	"	**1,234,548**	**970**	**497**
			(OP: UA4LCQ)	
SQ7DQX	"	**1,220,184**	**1204**	**538**
9A2ØJK	"	1,205,028	926	612
			(OP: 9A2JK)	
LN3C	"	**1,192,620**	**1139**	**572**
			(OP: LA9DFA)	
LA7GNA	"	1,191,344	945	616
LY2MM	"	**1,171,810**	**952**	**565**
UXØRR	"	**1,150,518**	**1006**	**569**
YO3RU	"	1,107,700	1014	583
EA5EV	"	**1,072,746**	**888**	**549**
SN5V	"	1,046,653	856	589
			(OP: SQ5EBM)	
OG4T	"	**1,044,110**	**867**	**526**
			(OP: OH4MFA)	
VO1KVT	"	993,884	748	482
UA9AU	"	**978,836**	**668**	**428**
IK8UND	"	**964,320**	**993**	**560**
R3ZV	"	**889,875**	**895**	**525**
EW4MM	"	873,600	883	520
DL9GWD	"	858,528	735	528
F4DSK	"	833,340	803	510
SM6NOC	"	**833,257**	**758**	**487**
DFØBV	"	808,848	741	492
			(OP: DL1MAJ)	
OE6HLF	"	778,092	759	471
SMØBSO	"	720,954	780	507
9A2Ø6B	"	704,696	694	472
			(OP: 9A5ADH)	
DF2TT	"	648,566	648	479
V47JA	"	**638,469**	**579**	**351**
UR5RP	"	632,700	755	475
EW8DJ	"	631,136	637	484
IK2LFF	"	608,832	765	453
VE3MV	"	**553,104**	**550**	**334**
IZ8JFL	"	541,250	700	433
RN3BO	"	517,409	622	421
GM8SBH	"	**499,500**	**563**	**444**
			(OP: GMØFGI)	
DL8ZAW	"	493,680	556	374
UA9FGJ	"	**484,802**	**517**	**446**
JE1LFX	"	452,920	480	335
GW9X	"	**449,748**	**578**	**403**
			(OP: MW1LCR)	
DL1NEO	"	427,800	502	372
BD4CQ	"	**410,670**	**584**	**338**
ES2IPA	"	**403,256**	**594**	**379**
4U1GSC	"	361,344	558	384
EA4ETW	"	347,014	550	386
R2DW	"	346,527	450	417
UT5UKY	"	340,736	488	352
F1NZC	"	338,100	437	350
DL8EAQ	"	331,272	448	344
J47X	"	325,827	525	369
			(OP: SV7BVM)	
RV1CC	"	**320,640**	**382**	**320**
ZW5V	"	**314,600**	**395**	**286**
			(OP: PY5KA)	
AL7KZ	"	**296,442**	**386**	**258**
JF9JTS	"	**268,832**	**377**	**248**
JAØCIY	"	**258,263**	**390**	**271**
NH6WZ	"	**253,422**	**360**	**234**
IK2TDM	"	244,362	331	278
RA3BL	"	213,465	340	285
BD4KYA	"	202,300	505	238
PA7AL	"	**200,616**	**442**	**312**
JA2XLV	"	**197,292**	**328**	**246**
VE1JS	"	188,340	260	219
EU3NA	"	164,338	324	254
GDØAMD	"	**163,185**	**347**	**253**
DF5BX	"	155,034	320	243
JA1WPX	"	153,786	251	213
IZ5ASZ	"	148,392	260	229
IZ4EFP	"	144,060	299	245
IZ5NSH	"	143,314	345	262
DF6RI	"	141,062	298	251
IR7R	"	135,460	341	260
MØRNR	"	129,285	255	221
RO1B	"	129,030	308	253
G6T	"	125,100	264	225
			(OP: G4MKP)	
RK9KWI	"	125,048	250	203
JN3SAC	"	**119,930**	**227**	**179**
VA7FC	"	**115,455**	**244**	**179**
G6NHU	"	111,360	244	240
PAØJNH	"	109,824	230	208
DG2MKV	"	103,752	245	198
EW8DX	"	99,216	249	212
JA1IXY	"	98,124	193	148
F5JFU	"	94,428	188	183
G4VMX	"	90,240	215	188
EI9FVB	"	86,457	208	179
OK6DJ	"	82,164	200	167
JA1QZC	"	78,432	184	152
EU6AF	"	78,200	197	170
JA1XUY	"	75,392	200	128
YT2AA	"	**73,308**	**183**	**164**
PE1LUB	"	72,168	224	194
JA1MJN	"	70,528	188	152
F5CQ	"	67,032	159	147
SP9OHL	"	66,256	190	164
HL5YI	"	**63,431**	**189**	**137**
IZ7FLP	"	57,038	193	158
IZ2QKG	"	48,139	208	161
JJØPJD	"	47,502	142	117
F5VML	"	46,718	152	142

JA1IZZ	"	42,642	130	103
GØAZG	"	40,386	148	127
SP1MWN	"	38,804	125	109
OH1B	"	35,264	125	116
			(OP: OH1BOI)	
IZ6RWD	"	34,176	148	128
RW4WZ	"	32,760	130	117
OZ6QM	"	31,527	125	113
LY3BY	"	30,797	111	103
IW3SGT	"	25,134	141	118
YO5OPH	"	20,460	98	93
VE8DW	**"**	**19,178**	**88**	**86**
YO5CUQ	"	16,352	102	73
DJ8EW	"	14,872	90	88
JH1OVY	"	11,900	71	70
EI2GLB	"	10,556	54	52
RC9YA	"	9,338	60	58
			(OP: RW9Y)	
DLØSM	"	8,256	69	64
			(OP: DG3NEC)	
G4AFJ	"	6,394	50	46
IKØUXO	"	4,536	43	42
DU7JGU	"	3,956	47	43
EA4CU	**"**	**1,225**	**25**	**25**
LU6QI	**"**	**528**	**11**	**11**
IK3PQG	"	270	10	10
VE2FXL	**"**	**243**	**9**	**9**
4XØA	**28**	**2,609,750**	**1503**	**650**
			(OP: 4X1VF)	
9A2U	**"**	**576,240**	**611**	**392**
			(OP: 9A3ZA)	
WP4WW	**"**	**339,756**	**589**	**276**
			(OP: KP4JRS)	
RA4WC	**"**	**319,923**	**560**	**369**
SV9DJO	**"**	**300,390**	**531**	**323**
IZ4GWE	**"**	**214,935**	**359**	**267**
ON6NL	**"**	**92,105**	**219**	**169**
LY2AE	**"**	**88,810**	**204**	**166**
UN4PG	**"**	**69,275**	**172**	**163**
OG7M	**"**	**31,209**	**116**	**103**
IZ2GNQ	"	14,040	78	72
R7MX	"	10,540	72	68
PY5KC	**"**	**2,376**	**38**	**36**
ZS1LL	**"**	**45**	**5**	**5**
4X9A	**21**	**3,505,614**	**1651**	**798**
			(OP: 4Z4OQ)	
SV9GPV	**"**	**2,878,092**	**2306**	**846**
VY1EI	**"**	**917,889**	**1005**	**401**
EB5KT	**"**	**674,424**	**851**	**522**
			(OP: EA5KV)	
OQ4B	**"**	**576,400**	**620**	**440**
			(OP: ON4BHQ)	
EA1XT	**"**	**513,166**	**595**	**379**
RA/KE5JA	**"**	**424,252**	**604**	**367**
R9DA	**"**	**410,742**	**451**	**342**
IZ5NFD	**"**	**208,453**	**334**	**307**
EA5GS	"	139,682	284	211
IZ3NVR	"	46,800	165	150
YO8RAC	**"**	**16,470**	**99**	**90**
VU2PTT	**"**	**10,416**	**64**	**62**
JA6WEQ	**"**	**1,430**	**27**	**26**
9A2Ø3B	**14**	**2,720,133**	**1793**	**871**
			(OP: 9A1AA)	
RY3D	**"**	**2,187,516**	**1580**	**866**
S51CK	**"**	**1,913,330**	**1386**	**730**
8SØC	**"**	**1,889,264**	**1282**	**806**
			(OP: SMØMPV)	

UP5P	**"**	**1,207,524**	**775**	**564**
			(OP: UN7PL)	
JHØNOS	**"**	**322,088**	**364**	**326**
IR5X	**"**	**252,960**	**475**	**372**
			(OP: IZ5MMB)	
EA4AK	**"**	**231,914**	**390**	**359**
PY2KJ	**"**	**72,562**	**178**	**146**
PY7ZV	"	62,080	167	128
RU4SM	**"**	**43,792**	**204**	**184**
SK2AZ	"	16,206	119	111
			(OP: SM2JEB)	
PY1CAS	"	12,141	72	71
MØJBA	"	7,440	86	80
YO6OEJ	**"**	**3,248**	**60**	**58**
9A8DX	**7**	**1,854,949**	**1236**	**647**
IK3UNA/1	**"**	**738,700**	**803**	**445**
RA3OA	**"**	**501,421**	**531**	**389**
LY2UU	**"**	**485,000**	**490**	**388**
IW5ELR	"	294,118	424	319
YV6BXN	**"**	**259,584**	**229**	**208**
ZL2CC	**"**	**256,494**	**261**	**197**
G3TDH	**"**	**123,824**	**247**	**218**
JJ5GSY	**"**	**48**	**4**	**4**
DM50UEA	**3.7**	**1,358,934**	**1146**	**586**
			(OP: DL3BQA)	
YT4A	**"**	**1,243,200**	**953**	**555**
			(OP: YT1AA)	
9A2R	**"**	**784,665**	**764**	**477**
EA7EU	**"**	**622,566**	**573**	**427**
EA1EA	**"**	**134,829**	**241**	**213**
OR5N	**"**	**130,804**	**277**	**212**
			(OP: ON1CB)	
KH6QJ	**"**	**1,938**	**19**	**17**
IZ5MOQ	**1.8**	**253,968**	**433**	**296**
SV1GRD	**"**	**7,257**	**63**	**59**
***ZL3IO**	**A**	**6,182,904**	**2283**	**894**
***RT9S**	**"**	**3,285,816**	**1437**	**696**
***TO7BC**	**"**	**3,172,628**	**1478**	**727**
			(OP: DL7BC)	
***IB1B**	**"**	**2,966,194**	**1386**	**847**
			(OP: IW1QN)	
***E21EIC**	**"**	**2,846,340**	**1525**	**753**
***XQ7UP**	**"**	**2,216,865**	**1238**	**645**
*IO2Z	"	2,028,285	1270	705
			(OP: IK2DZN)	
***UR4U**	**"**	**1,862,091**	**1272**	**693**
			(OP: UR4UDI)	
***DL6NDW**	**"**	**1,510,625**	**1285**	**625**
***EW5W**	**"**	**1,482,848**	**1142**	**596**
			(OP: EW1IP)	
***PY2VZ**	**"**	**1,434,860**	**945**	**554**
***YB1TJ**	**"**	**1,426,810**	**920**	**545**
***EE7R**	**"**	**1,165,794**	**954**	**574**
			(OP: EA7IA)	
***LU7HW**	**"**	**1,133,719**	**850**	**491**
***ER4LX**	**"**	**1,121,940**	**1051**	**542**
***LY2SA**	**"**	**1,102,900**	**967**	**538**
***JH1EAQ**	**"**	**1,061,548**	**781**	**466**
***P43E**	**"**	**1,046,560**	**858**	**422**
***PD9X**	**"**	**1,004,792**	**976**	**568**
***UA3ABJ**	**"**	**992,351**	**917**	**551**
*PV7M	"	963,500	791	470
			(OP: PT7ZT)	
***EI5GSB**	**"**	**958,938**	**899**	**543**
***OP4A**	**"**	**948,170**	**771**	**530**
*JM1UTT	"	948,024	765	462
***OM8DD**	**"**	**854,128**	**806**	**506**

***EA8OM**	**"**	**838,452**	**644**	**428**
			(OP: DJ1OJ)	
*EU2DX	"	790,035	863	465
***SE5S**	**"**	**752,640**	**708**	**490**
***GIØRQK**	**"**	**736,223**	**726**	**479**
*DL4WA	"	724,916	726	508
*I1EIS	"	708,435	677	455
***KH6CJJ**	**"**	**672,948**	**662**	**324**
*PAØMIR	"	632,835	648	441
*LY2TS	"	615,276	718	422
***JA2CUS**	**"**	**613,056**	**584**	**372**
***OK1CLD**	**"**	**612,896**	**688**	**428**
***XE1XDE**	**"**	**590,303**	**721**	**343**
***F8AEE**	**"**	**580,440**	**701**	**420**
***WP3GW**	**"**	**575,073**	**524**	**361**
*GI7AXB	"	573,648	697	456
***UA1CUR**	**"**	**556,278**	**676**	**417**
***MMØBQN**	**"**	**555,940**	**619**	**418**
*ON4VDV	"	524,728	550	428
*DM2SR	"	524,208	591	402
*EI7JZ	"	515,034	604	403
***JA6DIJ**	**"**	**492,102**	**520**	**351**
*UA3RF	"	486,390	745	465
***BG4ACE**	**"**	**477,666**	**699**	**357**
***OU8A**	**"**	**460,498**	**658**	**386**
***9A2Ø2GA**	**"**	**456,252**	**615**	**394**
			(OP: 9A2GA)	
*JM1LRQ	"	454,346	513	367
*DM5JBN	"	451,526	580	401
*OZ1ACB	"	442,728	578	387
*BG8GAM	"	426,904	568	344
***VE3NNG**	**"**	**420,138**	**443**	**306**
*SJ7M	"	393,470	498	365
*EI3CTB	"	392,040	551	363
*IKØXBX	"	391,590	481	342
***HI3TT**	**"**	**377,300**	**517**	**308**
***HB9WDY**	**"**	**374,960**	**504**	**344**
*IK7NXU	"	363,216	454	376
*IZ3KKE	"	352,253	411	341
*SM6MVE	"	343,285	505	355
*OZ4NA	"	336,826	515	343
***JHØNEC**	**"**	**334,184**	**411**	**296**
***RL6MA**	**"**	**325,360**	**548**	**332**
*OK7N	"	319,853	395	317
*DL1MHJ	"	317,220	434	311
*RW9C	"	311,505	399	285
*OK2BZE	"	310,072	436	343
***OE5JSL**	**"**	**308,691**	**394**	**309**
*US7IA	"	290,274	462	303
*UA6HHE	"	283,200	480	300
*LY2N	"	281,710	427	286
*JH1DYU	"	276,940	381	244
***IW9FI**	**"**	**253,761**	**458**	**337**
*UA9SAW	"	245,949	341	257
*BG5LU	"	240,264	446	282
***CO6LP**	**"**	**236,775**	**503**	**231**
*OZ1KVM	"	233,478	401	306
*PA9WOR	"	217,848	435	313
*EI4GXB	"	212,667	360	273
*PA3DBS	"	212,472	407	312
***VE6SQ**	**"**	**208,210**	**354**	**235**
***SQ9NKK**	**"**	**204,060**	**373**	**285**
*DL3LSM	"	203,931	350	273
*NH6AB	"	203,732	318	212
*PD73X	"	196,196	424	308
			(OP: PDØEMR)	
*JA1CPU	"	189,072	323	234
*OK2WYK	"	188,768	347	272
*DF9FT	"	184,527	336	261
*LU4HW	"	164,502	296	234
***CT2IVH**	**"**	**162,908**	**374**	**293**
***M1JJK**	**"**	**159,993**	**340**	**261**
*LW4EF	"	157,311	306	231
*G8AFN	"	154,869	324	247
*SQ9IAU	"	154,178	310	254
*F6GCI	"	153,140	295	247
*IK7WPD	"	147,500	308	250
*RU3VV	"	146,050	326	254
*7K4VPV	"	144,256	269	196
***OH9GGY**	**"**	**141,226**	**282**	**241**
*US6IKV	"	136,795	328	251
*DJ4DN	"	136,754	246	202
*OH3DP	"	135,752	302	239
*SQ8NZB	"	132,153	249	203
*JA1XRH	"	131,008	233	184
*PA3FMC	"	125,628	295	228
*DF1LX	"	116,790	272	229
*YB7SKM	"	114,560	248	160
***JG5UWK**	**"**	**114,240**	**253**	**170**
***HZ1PS**	**"**	**109,395**	**205**	**187**
*XE1FZE	"	106,020	253	180
***Z35F**	**"**	**105,408**	**321**	**244**
*IW1RHR	"	104,607	256	197
*DL7URH	"	103,716	265	201
*VE3TU	"	100,245	201	163
*EU3AA	"	97,776	257	194
*DLØNG	"	97,740	220	181
			(OP: DK8NC)	
*DL5GAC	"	96,960	242	192
***SV7CUD**	**"**	**94,940**	**237**	**202**
*IK8NSR	"	93,258	215	198
*RL6LP	"	93,015	227	195
*PY3OPP	"	92,364	200	172
***DU7HF**	**"**	**92,316**	**217**	**147**
*JA1AZR	"	91,520	241	143
*VE3RCN	"	80,256	183	152
***CN8WW**	**"**	**72,884**	**173**	**137**
***JR3BOT**	**"**	**70,641**	**188**	**141**
*IK2YSJ	"	68,378	213	179
***JE4MHL**	**"**	**65,392**	**156**	**134**
***A65CA**	**"**	**64,904**	**167**	**133**
			(OP: RV6AJJ)	
*DL1SVA	"	63,282	178	159
*IZ5RKC	"	61,845	190	155
*IW2NRI	"	60,264	180	162
*DM9PKK	"	58,144	174	158
*G4NXG	"	57,820	167	140
*SQ8GUM	"	57,218	165	134
***VE2AXO**	**"**	**55,188**	**157**	**126**
*PDØME	"	54,908	169	148
*DK6NF	"	52,992	158	138
***RXØSA**	**"**	**51,348**	**145**	**132**
*YBØMWM	"	51,186	139	114
***HA5UA**	**"**	**50,697**	**153**	**131**
*JF2OZH	"	50,570	147	130
***TA5CV**	**"**	**48,081**	**115**	**93**
*JA6GMC	"	46,728	162	118
*PY3AJB	"	43,596	144	126
*IK2IKW	"	42,742	158	142
*RX9DJ	"	41,820	133	123
*CT1FOQ	"	41,374	146	137
*DL8ZAJ	"	41,340	157	130
*UA5D	"	41,328	164	144
*YB2ECG	"	40,005	138	105

*JA1MZM	"	39,183	137	111
***VK2BO**	**"**	**38,986**	**124**	**101**
*SA7AHC	"	38,907	134	131
*LY2BBF	"	38,016	157	128
*DL5ZBA	"	37,820	144	124
*JE1LDU	"	36,080	139	110
*UA9AGX	"	36,064	129	112
*VK4BL	"	34,344	127	108
***JE8KKX**	**"**	**33,088**	**131**	**94**
*YB7MRK	"	32,865	120	105
*OK2QTC	"	32,500	150	125
*JL3RDC	"	32,344	137	104
***YO9HRB**	**"**	**31,354**	**153**	**122**
*DL8UAA	"	31,000	141	125
*PA1ØØNOM	"	30,702	150	129
			(OP: PAØFAW)	
*PR2W	"	30,485	127	91
			(OP: PT2AW)	
*US7IGN	"	30,129	131	121
*ON4CT	"	29,810	120	110
*PA8KM	"	29,606	151	131
*ER3DX	"	29,472	107	96
*JE1CWQ	"	29,321	129	109
*RU3AWK	"	29,260	159	133
			(OP: RU3ALH)	
*IW2MYG	"	28,203	139	119
*JJ1LRD	"	27,936	130	96
*JA4BDY	"	27,451	118	97
*VK3NRW	"	27,448	106	94
*SMØHBV/3	"	26,904	133	114
*SP6FXY	"	25,721	98	89
*F8CRS	"	24,605	104	95
*PP7LL	"	24,510	117	95
*RXØSC	"	24,153	102	97
*JR1MRG	"	23,639	114	77
*IZ4RYS	"	23,265	105	99
*DK1FW	"	22,792	93	88
*SI5Y	"	22,032	122	108
			(OP: SM5BKK)	
*IK2QIN	"	19,710	96	90
*SP9JZT	"	19,437	97	93
*SM6XVI	"	19,344	107	104
*IZ1HBC	"	19,008	107	96
*IZ4AFW	"	17,064	82	79
*MØSFR	"	16,849	91	83
*PAØB	"	15,750	105	90
*7J6AAO	"	15,120	84	72
***EA2BVV**	**"**	**15,120**	**121**	**105**
*UA9UX	"	15,120	75	70
*JR4ISF/3	"	14,528	90	64
*JR2NTC	"	14,325	93	75
*IK2SGB	"	14,162	78	73
*UA1CBM	"	13,585	108	95
*CE3WYZ	"	13,206	75	71
*JR3SZZ/3	"	12,870	93	66
*JA1GFB	"	12,805	88	65
*JJ3DJS/8	"	12,348	79	63
*IK6SBW	"	12,320	87	77
*SH3O	"	11,424	71	68
			(OP: SM3TLG)	
*IV3IDP	"	11,172	85	76
*CT1EBM	"	10,586	76	67
*VE2OXA	"	10,200	61	60
*JA4AQR	"	10,080	64	60
***RA9FRD**	**"**	**8,556**	**72**	**69**
*R5AJ	"	7,473	58	53
*IV3XZG	"	7,353	57	57
*DF6YC	"	6,554	61	58
*DG7RO	"	5,995	58	55
*VA6AN	"	5,670	49	42
***PJ2OF**	**"**	**5,192**	**45**	**44**
*RW5D	"	5,180	47	37
*IZ1QXW	"	4,914	45	42
*DF9IU	"	4,277	49	47
*DL1RIO	"	3,648	50	48
*IZ1QXV	"	3,432	41	39
*RL3AN	"	3,128	39	34
***JA7HYS**	**"**	**2,900**	**29**	**29**
***HL2/KA8U**	**"**	**2,624**	**39**	**32**
*EI2KA	"	2,201	34	31
*9A4WY	"	1,500	24	20
*OZ4RT	"	1,449	24	21
*JG2KFI	"	1,440	47	36
*IZ8FTW	"	1,280	22	20
*DL5FCY	"	1,122	23	22
*YO2LIM	"	931	20	19
*G4JFS	"	588	14	14
*DH6YMC	"	578	18	17
*IW2DJN	"	512	17	16
*IZ8IBC	"	448	16	16
*IW7ECJ	"	363	13	11
*I3YYY	"	312	22	13
*DO5ALX	"	264	13	12
*JK1CYF	"	252	12	12
*BG1SQT	"	60	6	6
***LU7EC**	**28**	**2,525,888**	**1383**	**647**
*AY8A	"	1,070,913	791	487
			(OP: LU8ADX)	
*LU8DCF	"	985,150	756	475
*LU3DR	"	779,833	663	433
***HQ2N**	**"**	**292,608**	**521**	**256**
			(OP: JA6WFM)	
***CE5PHI**	**"**	**208,750**	**337**	**250**
***F5LIW**	**"**	**194,640**	**319**	**240**
***PU5BIA**	**"**	**154,822**	**290**	**199**
*PU1MMZ	"	150,570	289	239
***MUØGSY**	**"**	**146,272**	**336**	**224**
*PU2VTC	"	79,261	218	169
***KP4JFR**	**"**	**76,000**	**202**	**160**
***7N2UQC**	**"**	**61,544**	**185**	**157**
*LU1DR	"	52,780	163	140
***YB1UUN**	**"**	**40,002**	**122**	**113**
***RAØSF**	**"**	**35,424**	**134**	**123**
***R6CW**	**"**	**34,608**	**133**	**112**
***TE2M**	**"**	**25,730**	**124**	**83**
			(OP: TI2KAC)	
***OH2BEN**	**"**	**23,328**	**110**	**96**
***UN9PQ**	**"**	**16,892**	**86**	**82**
***IZ5WTV**	**"**	**12,342**	**72**	**66**
***XE2RV**	**"**	**12,220**	**87**	**65**
*PY2HH	"	11,700	81	78
*IW5ECP	"	11,658	69	67
***OL7Y**	**"**	**8,848**	**56**	**56**
***JA3LKE**	**"**	**6,188**	**55**	**52**
***DM3F**	**"**	**4,879**	**41**	**41**
			(OP: DH5FS)	
*DC1DB	"	1,656	24	23
***GØFPU**	**"**	**171**	**9**	**9**
*PU2LED	"	81	10	9
***R9MC**	**21**	**925,688**	**696**	**502**
***UAØSOX**	**"**	**798,930**	**694**	**495**
***RU4SO**	**"**	**602,922**	**736**	**514**
***EE1B**	**"**	**387,045**	**512**	**423**
			(OP: EA1YB)	

***CT1EEK**	**"**	**312,858**	**473**	**382**
***UT7NW**	**"**	**241,293**	**389**	**299**
***IQ3K**	**"**	**237,336**	**395**	**319**
*IZ5HSK	"	179,025	308	275
***R2SA**	**"**	**119,556**	**285**	**243**
*IZ5CMI	"	104,682	254	219
*IK1BBC	"	96,515	228	199
***JE2BOM**	**"**	**41,082**	**140**	**123**
***EU4AA**	**"**	**40,950**	**149**	**130**
*UT2AB	"	27,336	110	102
***S52Q**	**"**	**22,119**	**112**	**101**
***DL4JYT**	**"**	**17,889**	**89**	**89**
*RD3AJB	"	14,508	96	93
***JR4LRY**	**"**	**14,129**	**95**	**71**
***JA3BBG**	**"**	**9,780**	**67**	**60**
*IK8TFN	"	9,450	75	75
***7M1MCY**	**"**	**8,736**	**64**	**56**
***F4CGJ**	**"**	**2,204**	**38**	**38**
***ZL2K**	**"**	**1,820**	**28**	**26**
			(OP: ZL2KT)	
*G7RSM	"	35	5	5
*JR1AHP	"	27	3	3
***PY1ZV**	**14**	**1,287,453**	**854**	**543**
***ZM3T**	**"**	**1,036,074**	**780**	**481**
			(OP: W3SE)	
***S57U**	**"**	**453,840**	**663**	**465**
***XR1I**	**"**	**445,284**	**480**	**342**
			(OP: CE1KR)	
***EF7W**	**"**	**425,898**	**642**	**478**
			(OP: EC7KW)	
***OK6RA**	**"**	**371,840**	**629**	**415**
***IQ2DN**	**"**	**371,234**	**560**	**419**
			(OP: IZ2JQP)	
***YT2AAA**	**"**	**341,523**	**588**	**417**
***DL9ZP**	**"**	**320,000**	**519**	**400**
***UA3VVB**	**"**	**311,236**	**497**	**391**
***OG3P**	**"**	**273,424**	**553**	**368**
			(OP: OH3P)	
*IZ8EFD	"	219,240	490	360
***JR4GPA**	**"**	**215,975**	**338**	**265**
***G3VAO**	**"**	**192,060**	**394**	**330**
***UA9MRY**	**"**	**190,762**	**288**	**253**
***VA7CRZ**	**"**	**133,042**	**249**	**221**
***EE1X**	**"**	**101,255**	**300**	**263**
			(OP: EB1EVX)	
***VE3IAE**	**"**	**89,858**	**189**	**179**
*VA3GUY	"	50,697	142	129
***SP5DRE**	**"**	**22,620**	**128**	**116**
***JA3DAY**	**"**	**18,860**	**88**	**82**
***RV6ACC**	**"**	**10,864**	**100**	**97**
***IR9Z**	**"**	**10,509**	**99**	**93**
*PY2VM	"	6,018	53	51
*IZ5MXA	"	5,600	61	56
*IZ6NNH	"	3,240	55	54
*VE3AUO	"	1,904	28	28
*VK5UE	"	176	10	8
***N1BJ/KH2**	**"**	**12**	**2**	**2**
***EN1C**	**7**	**845,435**	**708**	**479**
***VY2MGY/3**	**"**	**685,640**	**637**	**514**
			(OP: VE3MGY)	
***OK2ILD**	**"**	**312,180**	**406**	**330**
***IQ1BD**	**"**	**283,976**	**414**	**308**
			(OP: IZ1DGG)	
*VE3SWS	"	146,190	183	165
***YC2WBF**	**"**	**83,611**	**154**	**121**
***DD9WG**	**"**	**59,732**	**146**	**137**
***MØVWK**	**"**	**21,902**	**100**	**94**
***SP9LWH**	**"**	**12,530**	**71**	**70**
***VK3VTH**	**"**	**12,288**	**50**	**48**
*DLØESA	"	1,978	23	23
			(OP: EA1HEO)	
*OV3X	"	1,325	25	25
			(OP: OZ8AE)	
***YL2GUV**	**3.7**	**336,980**	**450**	**332**
***S53NW**	**"**	**243,837**	**394**	**297**
***R3LC**	**"**	**224,548**	**374**	**292**
*S53N	"	220,792	362	286
			(OP: S58G)	
***OMØCS**	**"**	**213,030**	**366**	**270**
***IT9JDH**	**"**	**139,200**	**260**	**232**
***UR8IDX**	**"**	**552**	**13**	**12**
***VE3EDY**	**1.8**	**8,140**	**50**	**44**

CHECKLOGS

2EØOKS, 4X4REM, 5C5W, 5Q4B, 8J6O, A45XR, AB4G, BA5BJ, BD2OB, BD2UYY, BD4CD, BD4GNV, BG8SWA, CE2WZ, CX5BE, DAØHEL, DB1EF, DF8UO, DG1BQC, DH2PL, DJ2BC, DL1EKO, DL1VTL, DL6ER, DL6HWH, DL7UGO, DM5DX, E72U, E73W, E74Y, E77M, EA1AW, EA1EWY, EA1FDI, EA1JK, EA1OS, EA1YO, EA1YT, EA2MH, EA2WD, EA3BHK, EA3NO, EA4DUT, EA4GB, EA4TX, EA5WP, EA6AFM, EA6XQ, EB2RA, EC5CYI, EC7AMY, EC7DZZ, ED5D, EI7JK, EU6RO, G3RSD, G3RWL, G3VQO, G4AYU, G6ENY, GM4JR, HAØGK, HA3OU, HF1K, HI3TEJ, HSØZDR, HSØZDY, I2WIJ, IK3QAR, IR1Y, IV3JCC, IV3NVN, IWØHOU, IW3IAU, IZ2SMQ, IZ4MJP, IZ8TXX, JG1SXP, K4RO, K9JU, KB1GKN, KE4KY, KE7SW, KJ4FEL, KJ6MQE, LA3BO, LA6NNA, LY1K, LY2KZ, N1WO, N2CJ, N2WLS, N5AU, NE6M, NX1T, NY1H, OE5FZO, OK1RKS, OK1TA, OK1UKV, OK2QX, OK2RN, OM5CD, OO9O, OZ1AXG, PAØRBO, PAØRRA, PAØWYS, PT9PA, PY1JR, PY1KN, PY2HAM, PY4CHM, R2AB, R2EAA, R3PA, R6GA, R9RT, RA1AUW, RA2FIA, RA3THN, RA3XDX, RA9AU, RA9CIN, RA9MEM, RA9YTX, RD3AW, RK4PA, RN7G, RN9A, RU1A, RU3FN, RU3UA, RU7A, RV1OO, RV3ID, RWØLL, RW4HD, RW6AVQ, RX6AMV, RZ1AN, RZ3DOT, RZ9AN, RZ9YF, SE6C, SF7WT, SO4R, SP1DMD, SP1MVW, SP2FWC, SP3EA, SP3IC, SP5NZZ, SP6JOE, SP6MLX, SP6NVN, SP6TRX, SP7HOV, SP9CLU, SP9HZW, SQ1OD, SQ2NNN, SQ3POY, SQ4HRN, SQ5OVL, SQ7BFS, SQ8IFG, SQ9E, SQ9MZ, TA2RX, TA7N, UAØCA, UAØSIK, UA3ICU, UA3OQ, UA4SJS, UA6GK, UA9XSJ, UB9LBL, UN7ECA, UN7LAN, UR3CRD, UR4QZZ, UR9QQ, US1IW, UT5CB, UT7MW, UU4JOE, UU5JZ, UW5U, UX1IL, UZ5UA, VE2PZ, VE3IQ, VK7XX, WØKIT, W5WJR, W6HYI, WN7Z, XE1/DL3DUE, XE2EX, YL2TD, YL2TQ, YO2MIL, YO4BTB, YO8CHF, YO8DDP, YO8RKU, YO9HOW, YU7KW, ZL1XX

Rule Violations:
Yellow Cards: ED5K, EQ4M, RV9CP, UR5AKU, EC6AAE – unclaimed assistance [rule IV(e)] RX1CQ – excess power [rule V.A.c]

Red Cards: TG9ANF – unclaimed assistance and excess power [rules IV(e), V.A(c)]

Looking Ahead in

Amateur Radio

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

- Sparks in the Snow
- CW Results, 2012 CQ World-Wide WPX Contest
- An HF Modem Autoswitch

Upcoming specials: QRP (March), Take it to the Field (June), Emergency Communications (Oct.), Technology (Dec.).

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>.