2005 IARU HF World Championship Results

Contesting is fun!

Carl Luetzelschwab, K9LA

Editor, National Contest Journal (NCJ)

As a resurrected ham, back on the air after many years of inactivity, this was my first experience with a real contest and my first experience with submitting a log. I can tell you, contesting was FUN! Only had a few hours to spend, and only made less than a couple dozen contacts, but generally stations were swift in their responses, and QSOs were short, productive and polite.Even worked a few DX stations. Wow!—WBØGFZ

These comments from Craig, WBØGFZ, highlight why many contesters participate in the IARU contest—not to win, but to have *fun.* Judging by the record number of logs received for the 2005 event and by the soapbox comments on the ARRL Web site (**www. arrl.org/contests/soapbox/index.html**), it is obvious that most everyone indeed had *fun.*

Participation Statistics

ARRL HQ received 3038 logs (includes check logs) for this year's IARU event, which is the second most number of logs received for a single-weekend contest administered by the ARRL (the most was in the 2002 10 m contest—3201 logs). The number of logs for the 2005 event is up almost 23% from last year's event, and sets the new record for IARU HF World Championship participation.

Logs were received from 53 ITU zones this year. The ITU zone with the most submitted logs this year is again Zone 28 (Central and Eastern Europe) with over 700 logs. Zone 8 (East Coast of North America) was second with over 300 logs. Zone 29 (mostly European Russia) was third with almost 300 logs. Zone 45 (Japan), Zone 27 (Western Europe), and Zone 7 (Midwest of North America) followed to round out the Top 6 participating zones.

As expected for a summer contest in the northern hemisphere, 20 m came in with the most Qs—45% of the total (see the accompanying plot). Last year 15 m had the second most Qs, but this year 40 m (21% of the total) edged out 15 m (18% of the total). The shift from 15 m to 40 m reflects the decline of Solar Cycle 23.

And with the delineation of scores by power beginning with the 2004 contest, many new (and several old) records were set. See the accompanying table of records.

New Records—World

Three new records were set for World scores: CN2R (W7EJ op) in the Single Op Phone Only High Power category, ZX2B (PY2MNL op) in the Single Op Phone Only Low Power category and CT3EN (CT1BOH

Top Te IARU S	n Society	Top Ten IARU Officials							
Headq	uarters	YV5AMH	1,028,800						
Statior	າຣ	PB2T	86.241						
DAØHQ	15,035,488	9V1UV	38,976						
SNØHQ	14,737,320	VE6SH	26,972						
TMØHQ	14,018,620	PT2ADM	25,725						
GB5HQ	13,771,600	LZ4ØARDF	4,462						
R9HQ	11,989,770	(LZ1US,op))						
EM7HQ	11,892,540								
YTØHQ	10,301,952								
OE5ØA	10,230,210								
T90HQ	9,386,346								
OL4HQ	8,860,917								

op) in the Single Op CW Only High Power category.

The CN2R effort obliterated the old 3.16M record from 1999 with an astounding score of 4.72M—a 49% increase in score.

Tight Races—World

In the Multi-Op category, the team at PS2T beat the team at 5B/AJ2O by 5.1%. The PS2T team ended up with 3274 Qs, which was 440 Qs fewer than the 5B/AJ2O group. But the PS2T team really dug into the bands for mults—they ended up with 56 more mults than 5B/AJ2O, and this put them on top.

New Records—W/VE

Four new records were set for W/VE scores: W5ZL in the Single Op Mixed Low Power category, W3LL in the Single Op Phone Only Low Power category, KO1H in the Single Op Phone Only QRP category, and W5GAI in the Single Op CW Only QRP category.

Way to go!

Tight Races—W/VE

Tight races abounded in the 2005 W/VE side of the event. One of the tightest races was in the Single Op Mixed Mode Low Power category where W5ZL won by only 23k over N1UR.

In another extremely tight race in the Single Op Mixed Mode High Power category in Ontario, VE3EJ edged out VE3AT by only 0.7%. VE3EJ's 230 mults (compared to VE3AT's 203 mults) made the difference



CT3EN (CT1BOH, op) holds the new Single Op CW Only record. From February 2006 QST © ARRL



If you worked AY8A, this is the station and its operator LU8ADX.

Non-W/VE Top Ten

For Class: A = Mixed Mode, B = Phone Only, C—CW Only, D = Multioperator. For Power: A = QRP, B = Low, C = High

A A HATCW 880.545 B A FV3BR 52.096 C A G3YMC 89.320 A A ES6PZ 182.088 B A SCPT 32.984 C A SP3MEP 72.960 A YZZM 181.625 B ASVDTFE 32.984 C A SP3MEP 72.960 A SM3C (SMSCCT, op) 176.358 B A DL2EF 12.402 C B HABDU 1.849.460 A MM3AWD 129.105 B A EATTI 10.759 C B UNSM 1.070.244 A USSEX 100.776 B B ZX2B (PY2MNL, op) 949.843 C B 4NGW (YT7AW, op) 911.772 A UUTGX 63.840 B CT1DHM 577.676 C B URSHAC 695.200 A B HA80IARU (HA1DAC, op) 1.242.668 B PTTLSJ 432.375 C B F6HKA 591.838 A B EAAFHT 1.322.508	Class	Power	Call	Score	Class	Power	Call	Score	Class	Power	Call	Score
A A Civital 264,880 B A ESGPA 35,360 C A GODCK 78,182 A A YZZM 181,625 B A SQUYF 32,984 C A SQUCK 78,182 A YZZM 181,625 B A SQUYF 32,984 C A SPIMEP 72,980 A SM3C (SMSCCT, op) 176,358 B A DELEF 12,642 C B HABDU 1,849,460 A RW3AI 163,750 B A M5AAV 11,253 C B HABDU (Y0HP, op) 1,126,946 A USSEX 100,776 B B ZX2B (P'2MNL, op) 949,843 C B HOW (Y0HW, op) 911,772 A UTGX 63,840 B B LU4DX 675,672 C B UUSWW 783,510 A B ChaBlalAPL (HA1DAC, op) 2,064,540 B B CAUSSG 575,770 C B HABDU 1,849,460 S949,491,833 <t< td=""><td>А</td><td>A</td><td>HA1CW</td><td>880,545</td><td>В</td><td>А</td><td>RV3BR</td><td>52,096</td><td>С</td><td>А</td><td>G3YMC</td><td>89,320</td></t<>	А	A	HA1CW	880,545	В	А	RV3BR	52,096	С	А	G3YMC	89,320
A A ESGPZ 182,088 B A SQ2DYF 32,984 C A SPIDE 72,960 A A SM3C (SMSCCT, op) 176,358 B A DL2EF 12,402 C B HABDU 1,849,460 A A SM3C (SMSCCT, op) 176,358 B A DL2EF 12,402 C B HABDU 1,849,460 A A MM3AWD 129,105 B A EATIT 10,759 C B HGIW (HA1UD, op) 1,126,946 A USSIZ 120,175 B B ZX2B (PY2MNL, op) 949,843 C B HGIW (HA1DD, op) 912,665 A UT7GX 63,840 B B CTIDHM 577,676 C B USWW (YTAW, op) 911,772 A B CTTI (CTILIT, op) 1,322,508 B B TKSJ 4323,757 C B FRHKA 591,808 A B CTTI (CTILIT, op) 1,322,508 B B ONABUZ 301,936 B C <td>A</td> <td>A</td> <td>OK1VBA</td> <td>264,880</td> <td>В</td> <td>A</td> <td>ES6PA</td> <td>35,360</td> <td>С</td> <td>A</td> <td>GØDCK</td> <td>78,182</td>	A	A	OK1VBA	264,880	В	A	ES6PA	35,360	С	A	GØDCK	78,182
A A Y22M 181.625 B A SP1DTE 28.762 A A SM3G (SMSCCT, op) 176.358 B A M5AAV 11.253 C B AABUU 1.849.460 A RW3AI 163.750 B A M5AAV 11.253 C B AABUU 1.849.460 A USSEZ 120.175 B A EATTI 10.759 C B UN3M D1.070.09 912.765 A USSEX 100.776 B B ZX28 (PY2MNL, op) 949.843 C B UNSW 783.510 A UTGX 63.840 B B CN85G 575.770 C B V31UB (KUSB, op) 595.200 A B 9A90 (9A5K, op) 1.322.506 B B CN85G 575.770 C B RABDZ 565.200 A B 9A90 (9A5K, op) 1.322.506 B B DFYU 294.112 C C C C389.468 2.766.22 A B P2T	A	A	ES6PZ	182,088	В	А	SQ2DYF	32,984	С	А	SP3MEP	72,960
A A SM3C (SMSCCT, op) 176,358 B A DL2EF 12,402 C B HABDU 1,843,460 A A MM3AWD 129,105 B A EATTI 10,759 C B UNSM 1070,284 A US2[Z 120,175 B A EATTI 10,759 C B UNSM 1070,284 A US6EX 100,776 B B ZX2B (P2NLL, op) 949,843 C B HGIW (HATWD, op) 912,765 A UT7GX 63,840 B B CTDHM 577,676 C B UJUSWW (YT7AW, op) 733,510 A B CTTT (CTTILT, op) 1,724,565 B B CTMALD 393,014 C B HABDICASK, op) 1,332,506 B DTALD 301,936 A B EA7HM 1,035,450 B DTALD 301,936 D A B C TBAN 2,766,224 A B EA7HM 1,035,450 B DTALD 2,882,848 <td< td=""><td>A</td><td>A</td><td>YZ2M</td><td>181,625</td><td>В</td><td>А</td><td>SP1DTE</td><td>28,762</td><td></td><td></td><td></td><td>,</td></td<>	A	A	YZ2M	181,625	В	А	SP1DTE	28,762				,
A A FW3AI 163,750 B A M5AAV 11,253 C B A45WD (VOSHP, op) 1,126,946 A A USSIZ 120,175 B A EA1TI 10,759 C B UN3M 1,070,284 A USSEX 100,776 B B ZX2B (PY2MNL, op) 949,843 C B H01W (HA1WD, op) 911,772 A A UTGX 63,840 B B ZX2B (PY2MNL, op) 949,843 C B H01W (HA1WD, op) 911,772 A B HAB0IAPU (HA1DAC, op) 2,064,540 B C C B CTIDHM 577,776 C B V31B (KUB, op) 556,200 A B CATT (CTILT, op) 1,724,565 B B C/NA2D 565,200 B F6HKA 591,838 A B EASHT 1035,450 B B DF7YU 294,112 C C C T3EN (CT1BOH, op) 3,829,848 A B CHTW 766,582 B B SQAJKW	A	A	SM3C (SM5CCT, op)	176,358	В	А	DL2EF	12,402	С	В	HA8DU	1.849.460
A A MM3AWD 129,105 B A EATTI 10,759 C B UN3M 1070 284 A A USSEX 120,776 B B ZX2B (PY2MNL, op) 949,843 C B H0W (HATWD, op) 912,665 A A UTGX 63,840 B B LU4DX 675,672 C B UUSWW 783,510 A B HA80IARU (HA1DAC, op) 2.064,540 B B CTTIDHM 577,676 C B UUSWW 783,510 A B GATT(CTILT, op) 1,724,565 B TZ1SJ 432,375 C B FRHKA 591,338 A B GAAPD 393,014 C B RA9D2 565,200 A B CATT 805,016 B B DN4ADZ 301,936 C C 949,43 C C 766,282 A B A1577,76 C C 766,282 A B DH4W 613,384 B C C S8,500 C	A	A	RW3AI	163,750	В	А	M5AAV	11,253	Ċ	В	A45WD (YO9HP. op)	1,126,946
A A USZIZ 120,175 C B C B HGTW (HA1WD, op) 912,765 A A UJTGX 63,840 B B ZX2B (PY2MNL, op) 949,843 C B AMOW (VTAW, op) 911,722 A A UTGX 63,840 B B CTIDHM 577,672 C B UUSWW (WTAW, op) 911,722 A B HAB0IARU (HA1DAC, op) 2.064,540 B B CTIDHM 577,672 C B UJBS (KUSB, op) 935,200 695,210 A B 9A9D (9A5K, op) 1.322,508 B B CTIDHM 577,677 C B V31UB (KUSB, op) 3829,848 A B EASHT 1.035,450 B B DF7VU 2.941,12 C C CT3EN (CT1BOH, op) 3.829,848 A B OHTW 746,382 B B SQUXW 2.85,300 C C CX2A 2.366,264 A B OHSW (OH1JT, op) 631,345 B C CN2R 4,718,7	A	А	MM3AWD	129,105	В	А	EA1TI	10.759	Ċ	В	UN3M	1.070.284
A A USEX 100.776 B B ZZEQ (PY2MNL, op) 949.843 C B 4 M0W (YT7AW, op) 911,772 A A UTGX 63.840 B LU4DX 675.672 C B UUSWW 773.676 C B UUSWW 773.776 C B F6HKA 591.383 B B C NADZ 333.014 C B F6HKA 591.683 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88 200.66.88	A	A	US2IZ	120,175				-,	Ċ	В	HG1W (HA1WD, op)	912,665
A A UT7GX 63,840 B EU10X Constraints C75,672 C B UUSWW 728,510 A B HA80IARU (HA1DAC, op) 2,064,540 B B CT1DHM 577,676 C B UUSWW 783,610 A B CT7T (CT1ILT, op) 1,724,565 B B CT1DHM 577,676 C B V31UB (KU5B, op) 595,230 A B 9A9D (9A5K, op) 1,322,508 B B HX3UH 393,014 C B RA99D2 565,200 A B EASHT 805,016 B B DF7YU 294,112 C C C C13EN (CT1BOH, op) 3,829,448 A B Y21V (Y212V, op) 767,578 B B K/2DZN 288,750 C C CS5A (DF4SA, op) 2,266,282 A B OH4W 631,384 B C ESSTV 1,869,534 C C Z,766,282 <	A	А	US6EX	100,776	В	В	ZX2B (PY2MNL, op)	949.843	Ċ	В	4NØW (YT7AW, op)	911,772
A B HA80IARU (HA1DAC, op) 2,064,540 B C/11DHM 577,676 C B URSHAC 685,412 A B CTTT (CT1ILT, op) 1,724,565 B B C/NSG 575,770 C B V31U (KU5B, op) 595,200 A B 9A9D (9A5K, op) 1,322,508 B B T/R14,314 393,014 C B RA9D (9A5K, op) 1,322,508 B B T/R14,314 393,014 C B RA9D (9A5K, op) 1,322,508 B B T/R14,314 393,014 C B RA9D 2 565,200 A B EA7TM 805,016 B B ON4ADZ 301,936 C C C 39,404 2,766,282 A B OH7W 746,382 B B SQ9JKW 285,300 C C C S554 (DF4SA, op) 2,218,788 A B OH8W 631,450 B C SS50A 1,577,776 C C	A	A	UT7GX	63,840	B	B	LU4DX	675.672	č	B	UU5WW	783,510
A B HA80/ARU (HA1DAC, op) 2,064,540 B B CN85CG 575,770 C B VG1UB (KU5B, op) 555,200 A B OA9D (9A5K, op) 1,322,508 B B TZ1SJ 432,375 C B FGHKA 591,338 A B EAAFIM 1,035,450 B B OM4ADZ 301,936 C C C T3EN (CT1BOH, op) 8.829,848 A B EAAFIT 805,016 B B DF7YU 294,112 C C C T3EN (CT1BOH, op) 8.829,848 A B YZ1V (YZ1ZV, op) 767,578 B B B NK2DZN 288,750 C C C T3EN (CT1BOH, op) 3.829,848 A B OH4W (OH1JT, op) 631,450 B C C C C C C S5A (DF4SA, op) 2.218,788 A B OH4W (OH1JT, op) 631,450 B C ESSTV 1.869,534 C C Z4LI 1.962,401 A B OH4W (OH1JT, op) 4.020,304 B C RNZAF					B	B	CT1DHM	577,676	č	B	UB5HAC	695,412
A B CT7T (CT1ILT op) 1,724,565 B B 7215_1 422,375 C B F6HKA CENT 531,838 A B SAPD (9A5K, op) 1,322,508 B B HK3JJH 393,014 C B RA9DZ 565,200 A B EA7RM 1,035,450 B B ON4ADZ 301,936 C <thc< th=""></thc<>	A	В	HA8ØIARU (HA1DAC, op)	2,064,540	В	В	CN8SG	575,770	Ċ	В	V31UB (KU5B, op)	595,200
A B 9A9D (9A5K, op) 1.322.508 B B HK3JH 393.014 C B RA9DZ 565,200 A B EA5HT 1.035,450 B B ON4ADZ 301,936 C	A	В	CT7T (CT1ILT, op)	1,724,565	B	B	7Z1SJ	432,375	č	B	F6HKA	591,838
A B EA7RM 1/035,450 B B ONLADZ 301/936 C C CABL C CABL A B EA5HT 805,016 B B DF7YU 294,112 C C C CT3EN (CT1BOH, op) 3,829,848 A B V71V (Y21ZV, op) 767,578 B B IK2DZN 288,750 C C 9A9A 2,766,282 A B OHTW 746,382 B B IK2DZN 288,750 C C YT6A 2,366,264 A B OH4W (OH1JT, op) 631,450 B C CN2R 4,718,736 C C ZC4LI 1,962,401 A B OH4W 631,384 B C ESTV 1,869,534 C C P37(584,60, op) 1,859,616 A C 333B (YT1AD, op) 4,020,304 B C RK4FD 1,577,776 C C P37(584,401, op) 1,750,719 A C RG9A (UA9AM, op) 2,514,519 B C UT7	A	В	9A9D (9A5K, op)	1,322,508	B	B	HK3JJH	393.014	č	B	BA9DZ	565,200
A B EASHT 805,016 B B DF7YU 294,112 C C C CT3EN (CT1BOH, op) 3829,848 A B V71V (Y21ZV, op) 767,578 B B IK2DZN 288,750 C C C 9A9A 2,766,282 A B OH7W 746,382 B B SQ9JKW 285,300 C C YT6A 2,366,264 A B OH4W (OH1, op) 631,450 B C CN2R 4,718,736 C C Z218,788 A B OH4W (OH1, op) 631,450 B C ES5TV 1,869,534 C C Z241,78 A C 3V3B (YT1AD, op) 4,020,304 B C RK4FD 1,529,640 C C PY2NY (OH2MM, op) 1,751,313 A C RG30 (UA3AM, op) 2,184,305 B C DJ80G 399,276 D PS2T 4,643,716 A <td< td=""><td>A</td><td>В</td><td>EA7RM</td><td>1,035,450</td><td>B</td><td>B</td><td>ON4ADZ</td><td>301,936</td><td></td><td></td><td></td><td>,</td></td<>	A	В	EA7RM	1,035,450	B	B	ON4ADZ	301,936				,
A B YZ1V (YZ1ZV, op) 767,578 B B IK2DZN 288,750 C C 9A9A 2,766,282 A B OH7W 746,382 B B SQ9JKW 288,750 C C 9A9A 2,766,282 A B CHIC 677,820 B SQ9JKW 288,750 C C C CSAA 2,766,282 A B OH4W (OH1JT, op) 631,450 B C NUM 2,766,282 A B OH4W (OH1JT, op) 631,384 B C ES5TV 1,869,534 C C Z/76,292 A C SV38 (YT1AD, op) 4,020,304 B C ES5TV 1,869,534 C C P3F (5B4AGN, op) 1,895,411 A C EA8/OH4NL 2,784,510 B C EA5DFV 1,451,560 C C S58A 1,750,719 A C HG3M (MA3MY, op) 2,184,305 B <	A	В	EA5HT	805,016	В	В	DF7YU	294,112	С	С	CT3EN (CT1BOH, op)	3.829.848
A B OHTW 746,382 B B SQ9JKW 285,300 C C C YTEA 2366,264 A B CH4W (OH1JT, op) 631,450 B C CN2R 4,718,736 C C C S5A (DF4SA, op) 2,218,788 A B OH4W (OH1JT, op) 631,450 B C EN2R 4,718,736 C C Z241,1 1,962,401 A B OH8W 631,384 B C ES5TV 1,869,534 C C Z241,1 1,959,616 A C 3V3B (YT1AD, op) 4,020,304 B C RK4FD 1,577,776 C C P3F (5B4AGN, op) 1,895,411 A C RA8/OH4NL 2,784,510 B C UT7OF 1,403,910 C C S58A 1,757,713 A C HG3M (HA3MY, op) 2,184,305 B C DJ8OG 939,276 D PS2T 4,643,716	A	В	YZ1V (YZ1ZV, op)	767,578	B	B	IK2DZN	288,750	č	č	9A9A	2,766,282
A B E21EIC 677,820 C <thc< th=""> <thc< th=""> <thc< td=""><td>A</td><td>В</td><td>OH7W</td><td>746,382</td><td>В</td><td>В</td><td>SQ9JKW</td><td>285,300</td><td>Ċ</td><td>Ċ</td><td>YT6A</td><td>2,366,264</td></thc<></thc<></thc<>	A	В	OH7W	746,382	В	В	SQ9JKW	285,300	Ċ	Ċ	YT6A	2,366,264
A B OH4W (OH1JT, op) 631,350 B C CN2R 4,718,736 C C ZC4L1 1,962,401 A B OH8W 631,384 B C ESTV 1,869,534 C C ZC4L1 1,952,616 A C 3V3B (YT1AD, op) 4,020,304 B C RK4FD 1,527,776 C C P2F (5B4AGN, op) 1,895,411 A C SA3B (YT1AD, op) 4,020,304 B C RK4FD 1,522,640 C C P2F (5B4AGN, op) 1,895,411 A C RG9A (UA9AM, op) 2,514,519 B C UT7QF 1,403,910 C C S58A 1,750,719 A C HG3M (HA3MY, op) 2,514,519 B C UT7QF 1,403,910 C C OH0W (OH2PM, op) 1,716,605 A C HG3M (HA3MY, op) 2,184,305 B C DJ8OG 939,276 D PS2T 4,643,716	A	В	E21EIC	677,820					Ċ	Ċ	CS5A (DF4SA, op)	2.218.788
A B OH8W 631,384 B C ESTV 1,869,534 C C EAXU 1,959,616 A C 3V3B (YT1AD, op) 4,020,304 B C S50A 1,577,776 C C P3F (5B4AGN, op) 1,895,411 A C 3V3B (YT1AD, op) 4,020,304 B C RK4FD 1,529,640 C C PY2NY (OH2MM, op) 1,751,313 A C RG9A (UA9AM, op) 2,514,519 B C UT7OF 1,403,910 C C OH6W (OH2PM, op) 1,716,605 A C HG3M (HA3MY, op) 2,184,305 B C DJ80G 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C US5D (UT7DX, op) 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C US5D (UT7DX, op) 939,276 D RL3A 2,837,415 A <	A	В	OH4W (OH1JT, op)	631,450	В	С	CN2R	4.718.736	С	С	ZC4LI	1,962,401
A C 3V3B (YT1AD, op) 4,020,304 B C S50A 1,577,776 C C P 97 (5B4AGN, op) 1,895,411 A C EA8/OH4NL 2,784,510 B C RK4FD 1,529,640 C C P Y2NY (OH2MM, op) 1,751,313 A C RG9A (UA9AM, op) 2,514,519 B C UT7OF 1,403,910 C C OH3W (OH2PM, op) 1,716,605 A C SH3HK 1,742,028 B C UJ8OG 939,276 D PS2T 4,643,716 A C JUY (ZLCT, op) 1,549,548 B C UJ8OG 939,276 D PS2T 4,643,716 A C JUY (ZLCT, op) 1,549,548 B C UJ8OG 939,276 D PS2T 4,643,716 A C ZUY (ZLCT, op) 1,495,592 D RL3A 2,897,415 A C OH6W (OH1WZ, op) 1,460,640 C A	A	В	OH8W	631,384	В	Ċ	ES5TV	1,869,534	Ċ	Ċ	EA3KU	1,959,616
A C 3V3B (YT1AD, op) 4.020,304 B C RK4FD 1,529,640 C C PV2NY (OH2MM, op) 1,751,313 A C EA8/0H4NL 2,784,510 B C EA5DFV 1,451,560 C C S58A 1,750,719 A C RG9A (UA9AM, op) 2,514,519 B C UT7QF 1,403,910 C C OH6W (OH2PM, op) 1,716,605 A C HG3M (HA3MY, op) 2,184,305 B C DI30G 939,276 D PS2T 4,643,716 A C JUW5Q 1,549,548 B C UJS0G 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C UJS0D (UT7DX, op) 926,172 D SB/AJ2O 4,274,928 A C LY9Y (LY2CY, op) 1,495,592 D RI3A 2,837,415 A C OH6W (OH1WZ, op) 1,460,640 C A					В	С	S50A	1.577.776	С	С	P3F (5B4AGN, op)	1.895.411
A C EA8/OH4NL 2.784,510 B C EA5DFV 1,451,560 C C S58A 1,750,719 A C RG9A (UA9AM, op) 2,514,519 B C UT7QF 1,403,910 C C OLOW (OH2PM, op) 1,716,005 A C HG3M (HA3MY, op) 2,184,305 B C CE3BFZ 1,004,562 D PS2T 4,643,716 A C SH3HK 1,742,028 B C DJ8OG 939,276 D PS2T 4,643,716 A C ZU1V (ZL1CT, op) 1,520,446 B C PT7CB B89,336 D ZWSB 2,995,592 A C UY9Y (LY2CY, op) 1,495,592 D R13A 2,897,415 A C PIN2O 1,406,640 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,406,640 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218	A	С	3V3B (YT1AD, op)	4,020,304	В	Ċ	RK4FD	1,529,640	Ċ	Ċ	PY2NY (OH2MM, op)	1,751,313
A C RG9A (UA9AM, op) 2.514.519 B C UT70F 1403.910 C C OH0W (OH2PM, op) 1,716,605 A C HG3M (HA3MY, op) 2.184,305 B C CE3BFZ 1,004,562 D PS2T 4,643,716 A C SH3HK 1,742,028 B C U380G 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C US5D (UT7DX, op) 926,172 D 58/AJ2O 4,274,928 A C LV9Y (L2L1CT, op) 1,520,446 B C PT7CB 899,336 D ZW5B 2,995,592 A C LV9Y (L2CY, op) 1,495,592 D RL3A 2,837,415 A C OH6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D RU1AA 2,643,153 C A UA6LCJ 173,459 D LP2F 2,321,208 B </td <td>A</td> <td>С</td> <td>EA8/OH4NL</td> <td>2,784,510</td> <td>В</td> <td>Ċ</td> <td>EA5DFV</td> <td>1.451.560</td> <td>Ċ</td> <td>Ċ</td> <td>S58A</td> <td>1,750,719</td>	A	С	EA8/OH4NL	2,784,510	В	Ċ	EA5DFV	1.451.560	Ċ	Ċ	S58A	1,750,719
A C HG3M (HA3MY, op) 2,184,305 B C GE3BFZ 1,004,562 A C 5H3HK 1,742,028 B C DJ8OG 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C US5D (UT7DX, op) 926,172 D 58/AJ2O 4,274,928 A C ZL1V (ZL1CT, op) 1,520,446 B C PT7CB 899,336 D ZW5B 2,995,592 A C D/H9V (LY2CY, op) 1,495,592 D R13A 2,837,415 A C OH6W (OH1WZ, op) 1,460,680 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 C A VP4KE 141,218 C A R26LV 167,464 D PJ2D 2,301,564 B A	A	С	RG9A (UA9AM, op)	2,514,519	В	Ċ	UT7QF	1.403.910	Ċ	Ċ	OHØW (OH2PM, op)	1.716.605
A C 5H3HK 1,742,028 B C DJ8OG 939,276 D PS2T 4,643,716 A C UW5Q 1,549,548 B C US5D (UT7DX, op) 926,172 D 5B/AJ2O 4,274,928 A C ZL1V (ZL1CT, op) 1,520,446 B C PT7CB 20%5,592 D RL3A 2,995,592 A C UY9Y (LY2CY, op) 1,495,592 - PT7CB D RL3A 2,782,188 A C O H6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 C A UA6LCJ 173,459 D LR2F 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539	A	С	HG3M (HA3MY, op)	2,184,305	В	Ċ	CE3BFZ	1,004,562				, .,
A C UW5Q 1,549,548 B C US5D (UT7DX, op) 926,172 D 56/AJ2O 4/274,928 A C ZL1V (Z11CT, op) 1,520,446 B C PT7CB 899,336 D ZW5B 2,995,592 A C LY9Y (LY2CY, op) 1,495,592 D RL3A 2,837,415 A C OH6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218 C A RA6LV 167,464 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500	A	С	5H3HK	1,742,028	В	С	DJ8OG	939,276	D		PS2T	4.643.716
A C Z.11V (ZL1CT, op) 1,520,446 B C PT7CB 899,336 D ZW5B 2,995,592 A C LY9Y (LY2CY, op) 1,495,592 D RL3A 2,837,415 A C OH6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218 C A RZ6LV 167,464 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500	A	С	UW5Q	1,549,548	В	Ċ	US5D (UT7DX, op)	926,172	D		5B/AJ2O	4,274,928
A C L/9Y (LY2CY, op) 1,495,592 D RL3A 2,837,415 A C OH6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D HG6N 2,782,788 A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218 C A RZ6LV 167,464 D P,12D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500	A	С	ZL1V (ZL1CT, op)	1,520,446	В	С	PT7CB	899,336	D		ZW5B	2,995,592
A C OH6W (OH1WZ, op) 1,460,640 C A HA5KDQ 978,832 D HG6N 2,782,188 A C RN3QO 1,400,080 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218 C A RZ6LV 167,464 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZZ 53,445 C A EURZ 138,528 D IR290ZO 2,032,539 B A UR5MNZZ 53,445 C A EURZ 138,528 D IR4T 1,875,500	A	С	LY9Y (LY2CY, op)	1,495,592					D		RL3A	2.837.415
A C RN3QO 1,406,080 C A RN6AL 197,820 D RU1A 2,643,153 B A KP4KE 141,218 C A UA6LCJ 173,459 D LR2F 2,321,208 B A KP4KE 141,218 C A RZ6LV 167,464 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500	A	С	OH6W (OH1WZ, op)	1,460,640	С	А	HA5KDQ	978.832	D		HG6N	2,782,188
B A KP4KE 141,218 C A UA6LCJ 173,459 D LP2F 2,321,208 B A EU1AAR 60,520 C A RZ4F 143,488 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500	A	С	RN3QO	1,406,080	Ċ	А	RN6AL	197,820	D		RU1A	2,643,153
B A KP4KE 141,218 C A RZ6LV 167,464 D PJ2D 2,301,564 B A EU1AAR 60,520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500 C A SM6EQO 129,789					Ċ	А	UA6LCJ	173,459	D		LR2F	2.321.208
B A EU14AR 60.520 C A LY4BF 143,488 D RZ90ZO 2,032,539 B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500 C A SM6EQO 129,789 129,789 D IR4T 1,875,500	В	A	KP4KE	141,218	C	A	RZ6LV	167,464	D		PJ2D	2,301,564
B A UR5MNZ 53,445 C A EU8RZ 138,528 D IR4T 1,875,500 C A SM6EQQ 129,789	В	A	EU1AAR	60,520	С	A	LY4BF	143,488	D		RZ9OZO	2,032,539
C A SM6EQO 129,789	В	A	UR5MNZ	53,445	C	A	EU8RZ	138,528	D		IR4T	1,875,500
					С	A	SM6EQO	129,789				

W/VE Top Ten

For Class: A = Mixed Mode, B = Phone Only, C—CW Only, D = Multioperator. For Power: A = QRP, B = Low, C = High

Class	Power	Call	Score	Class	Power	Call	Score	Class	Power	Call	Score
A	A	KA1LMR	98,336	В	A	WB7OCV	5,250	С	А	NU4B	12.350
A	A	W6AQ	70,756	В	A	KC9AMM	4,656	Ċ	Α	K4KO	11,130
A	A	K8ZT	39,015	В	A	KG9QX	803				
A	А	VA3NR	32,994	В	A	WA6NOL	377	С	В	WP3C	850.850
А	А	W6RCL	31.752	В	A	WBØIWG	1	Ċ	В	VE3DZ	698.394
A	А	KC2NTB	6.665					Ċ	В	N4PN	604.236
А	А	AD7BN	5.945	В	В	W3LL	203,100	Ċ	В	K8IA	419,760
A	А	NF2L	1.162	В	В	NJ2F	137.676	Ċ	В	N5TW (KE5C, op)	410,412
А	А	KC9ECI	245	В	В	K1WO	110,166	Ċ	В	N4ZZ	393,125
				В	В	AB4GG	102.816	č	B	WB4TDH	363,608
А	В	W5ZL	717.985	В	В	N1DD	101,384	Ċ	В	VE2XAA	345,535
A	В	N1UR	694,784	В	В	N1YWB	99.216	Ċ	В	W5EK	329,448
А	В	VE3JM	566.517	В	В	W8KNO	90,530	Ċ	В	W7YAQ	280,935
A	B	NR3X (N4YDU, op)	490,336	В	В	WB1DX	81.872				
А	В	W9IU	332,150	В	В	NTØF	76,000	С	С	VY2ZM (K5ZD, op)	2.631.694
A	В	WA1Z	295,899	В	В	VE1JS	62,511	Ċ	Ċ	NY4A (N4AF, op)	1,702,701
A	В	VE3XD	281.519					Ċ	Ċ	N2IC	1,403,773
A	В	NA4K	192,640	В	С	K5TR	1,239,836	С	С	KT1V	1.347.787
A	В	WA4JUK	175,182	В	С	W7WA	850,560	Ċ	Ċ	W6YI (N6MJ, op)	1,308,099
A	В	VE2AWR	169,495	В	С	K5NA (KI5DR, op)	766,992	С	С	KH6WT (K1YR, op)	1.254.792
				В	С	K7RL	740,880	Ċ	Ċ	N3BB	1,079,442
A	С	VE3EJ	1.398.860	В	С	VE3LKA (LU7DW, op)	714,878	С	С	WXØB (AD5Q, op)	1.073.984
A	Ċ	VE3AT	1,388,926	В	С	W5KFT (WM5R, op)	639,711	Ċ	Ċ	KØRF	1,038,800
A	С	K3ZO	1,073,710	В	С	WB9Z	630,110	С	С	AA3B	1,020,634
A	С	K6LA	988,306	В	С	K4SSU (NA4BW, op)	591,164				
A	С	K9NW	953,307	В	С	AB5K	526,320	D		K1KI	1,536,156
A	С	K6XX	944,244	В	С	KK1L	475,272	D		K1TTT	1,458,212
A	С	N4GN	602,368					D		NX5M	1,389,564
A	С	KE9I	566,784	С	A	W5GAI	104,400	D		KD4D	1,293,600
A	С	N6ED	541,008	С	A	KG5U	99,535	D		N3AD	1,195,632
A	С	K6NR	508,572	С	A	N6WG	45,201	D		W2GD	1,161,342
				С	A	K5UV	22,760	D		K8AZ	1,116,516
В	A	KO1H	103,341	С	A	AA1CA	22,572	D		KM4M	994,329
В	A	W6QU (W8QZA, op)	16,121	С	A	W8TM	17,794	D		K1PT	911,606
В	A	K9DXR	9,472	С	A	N1TM	16,150	D		K2LE	900,225
В	A	K5YM	6,902	С	A	KI4FW	12,728				

even though VE3EJ had fewer Qs (1709 versus 1925).

A battle between STX took place in the Single Op CW Only QRP category. The end result was W5GAI beat KG5U by 5.0%. Again, the winner was the one with the most mults (120 for W5GAI versus 85 for KG5U) even though the number of Qs was in KG5U's favor.

Finally, in the New England battle in the Multi Op category, K1KI ended up with a

5% higher score than K1TTT. As was the trend in the previous tight race results, the K1KI versus K1TTT race went to K1KI—he had 284 mults (and 1650 Qs) compared to K1TTT's 266 mults (and 1765 Qs).

Battle of the HQ Stations

Close to 50 HQ stations participated and submitted logs in this year's event. After the log checking was completed, the DAØHQ crew edged out the SNØHQ gang by just a bit over 2%. Although DAØHQ had 7 fewer mults (416 versus 423), their 2168 more Qs gave them the edge. Congratulations to the DAØHQ team for another First Place finish!

In the battle of the five North American HQ stations, the NU1AW/3 team (at K3LR's Western Pennsylvania QTH and at the Penn State University K3CR QTH) put forth an excellent effort to come out on top. See W9ZRX's narrative of this operation in

W/VE Region Winners

For Class: A = Mixed Mode, B = Phone Only, C—CW Only, D = Multioperator. For Power: A = QRP, B = Low, C = High

Class	Power	Call	Score	Class	Powe	r Call	Score	Class	Powe	r Call	Score	Class	Power	Call	Score	Class	Power	Call	Score
Northe Hudso Maritim	ast Re n and <i>i</i> ne and	gion (New I Atlantic Div Quebec Se	England, visions; ections)	Southe and So	east Re outhea	egion (Delta stern Divisio	, Roanoke ons)	Centra Lakes	l Regio Divisio	on (Centra ons; Ontar	I and Great io Section)	Midwe Midwe West C and Sa	st Regi st, Roc iulf Div skatch	on (Dakota ky Mounta risions; Ma ewan Sect	a, in and initoba tions)	West C Northy Divisio Colum	Coast R vestern ons; Alb bia and	egion (Pac and South perta, Britis I NWT Sect	ific, western sh tions)
A A	A A	KA1LMR KC2NTB	98,336 6,665	A	В	NR3X (N4YDU,	490,336 , op)	A A	A	K8ZT VA3NR	39,015 32,994	А	А	AD7BN	5,945	A A	A A	W6AQ W6RCL	70,756 31,752
A A A A A A A A A A A A	A B B B C C C C C C C C	NF2L N1UR WA1Z VE2AWR N2EM VA1CHP K3ZO K3MD N4CW W2LE W4ZE	1,162 694,784 295,899 169,495 87,906 80,772 1,073,710 449,407 359,402 161,750 133,038	A A A A A A A A A	ввв СССССС	NA4K WA4JUK KAØGGI AA4GA W5WMU AD4EB KR4M WK4Y K8JQ	192,640 175,182 138,820 96,720 491,634 416,880 250,404 179,265 146,200	A A A A A A A A A A A A A A A A A A A	A B B B B B B B B B B C C C C C C C	VE3JM W9IU VE3XD WW9R K8GT VE3EJ VE3AT K9NW N4GN KE9I	245 566,517 332,150 281,519 76,330 64,492 1,398,860 1,388,926 953,307 602,368 566,784	A A A A A A A A A A A A A A A A A A A	B B B B B C C C C C C C	W5ZL K5NZ NE0P KE5LQ K2HT KT0R K07X W5WP K4IU N0AT	717,985 128,780 63,492 41,503 38,284 248,500 226,128 180,057 178,970 162,012	A A A A A A A A A A A A A A A A A A A	B B B C C C C C C	WN6K WA6FGV VE7FO N6EE VE7NS K6LA K6XX N6ED K6NR KH6YY	156,578 117,369 112,880 102,528 74,860 988,306 944,244 541,008 508,572 382,448
B B B	A A A	KO1H WB7OCV WBØIWG	103,341 5,250 1	B B B	B B B	NJ2F AB4GG NU4SC	137,676 102,816 30,225	B B B	A A A	K9DXR KC9AMM KG9QX	9,472 4,656 803	B	A B	K5YM NTØF	6,902 76,000	B B	A A	W6QU (W8QZA WA6NOL	16,121 , op) 377
B B B B B B B B B B B	B B B B C C C C C C	W3LL K1WO N1DD N1YWB WB1DX KK1L WZ3AR K1PLX W3PT WA1NPZ	203,100 110,166 101,384 99,216 81,872 475,272 440,228 141,372 114,660 104,267	B B B B B B	B C C C C C	(K3IXD, c WP3GW K8FK K4SSU (NA4BW, WA4TII AB4EJ K4VUD NX9T	29,696 27,520 591,164 op) 448,746 183,568 181,683 159,840	B B B B B B B B B B B B B B B B B B B	B B B B C C C C C C	W8KNO W4LC N8RY KB8UUZ AB9KZ VE3LKA (LU7DW WB9Z AC8G K9JS K9JIG	90,530 53,618 49,260 45,375 45,117 714,878 (,op) 630,110 146,392 15,925 14,896	B B B B B B B B B	B B B C C C C C	NR9A KE7N W5WRE KA5WSS K5TR K5NA (KI5DR, W5KFT (WM5R, AB5K KØRH	33,856 30,690 24,462 22,440 1,239,836 766,992 op) 639,711 ,0p) 526,320 187,488	B B B B B B B B B B B B B B B B B B B	B B B C C C C C C	N7VPN K7ACZ WK7P N7BK N7WI W7WA K7RL W7ZB KH6FKG VE7AVV	31,610 27,968 15,093 13,533 11,739 850,560 740,880 234,729 156,536 104,371
00000	A A A A	AA1CA N1TM WA2VQV N2CQ VE9QRP	22,572 16,150 9,690 6,524 2,667	00000	A A A A	KI4FW NU4B K4KO KP3T K4KSR	12,728 12,350 11,130 6,789 5,208		A A B B	W8TM VE3IGJ VE3DZ VE3KP	17,794 175 698,394 237,568	0000	A A A A	W5GAI KG5U K5UV WØEB KØAN	104,400 99,535 22,760 9,044 5,406	0000	A A A	N6WG K6III N6QQ AA6SS (W6SJ, 0	45,201 2,516 1,827 1,620 op)
00000	B B B B	VE2XAA VE1OP WB2AA NY1S NT2A	345,535 267,855 256,032 244,732 236,997	00000	B B B B	WP3C N4PN N4ZZ WB4TDH AA4FU	850,850 604,236 393,125 363,608 170,680		B B C C C	K4WW W8GOC K9DX N8BJQ K8BB	131,758 65,853 654,672 606,970 374,544	с сссс с	B B B B	N5TW (KE5C, W5EK W5RYA N5CHA N5RZ	410,412 op) 329,448 127,170 123,046 63,825	сссс с	B B B B	K8IA W7YAQ K6AAB W6/VK2IN KM6Z	419,760 280,935 146,875 IM 138,510 112,860
с сссс	с сссс	VY2ZM 2 (K5ZD, o KT1V 1 AA3B 1 K3WW W1ZT	2,631,694 op) 1,347,787 1,020,634 920,850 673,750			NY4A 1 (N4AF, op N4OGW WD4K (KØEJ, op N2YO K4RO	,702,701) 939,720 760,914)) 736,380 719,665	C	C C	W8MJ K2AAW	365,457 332,121	с с с с	000	N2IC N3BB WXØB (AD5Q, KØRF KU1CW	1,403,773 1,079,442 1,073,984 op) 1,038,800 979,864	с с ссс	с с ссс	W6YI (N6MJ, o KH6WT (K1YR, o KH6ND N7TT K6RB	1,308,099 pp) 1,254,792 pp) 970,630 446,940 173,400
D D D D D		K1KI 1 K1TTT 1 KD4D 1 N3AD 1 W2GD 1	1,536,156 1,458,212 1,293,600 1,195,632 1,161,342	D D D D D		KM4M K1PT WW4LL N3UA WD2E	994,329 911,606 554,292 395,115 39,138	D D D D D		K8AZ K9SD K8AJS W8AL W9BIL	1,116,516 629,176 272,172 31,185 12,012	D D D D		NX5M N5DO AA5NT KB5ENP	1,389,564 558,823 327,730 4,428	D D D D		VE7GL N7WA N6KI KA6BIM AA7MY	449,966 294,704 107,295 99,450 52,122





the IARU Contest Soapbox section on the ARRL Web site.

Propagation

Before the contest, the planetary K indices were generally 2 and below. On Tuesday and Thursday before the contest, CME activity occurred that caused the K

indices to elevate to 4 on Saturday and to 5 on Sunday. This probably somewhat degraded any high latitude paths. There was no major flare activity before and during the contest period.

Undoubtedly the biggest impact to the contest was the decline of Solar Cycle 23 towards solar minimum. The accompany-

ing plot shows Cycle 23's progress to-date, along with its predicted decline. Solar minimum is predicted to occur between late 2006 and early 2007.

The 2005 IARU contest had considerably worse propagation on the higher bands than did the 2004 event. This can be seen best by comparing the percentage of Qs on 10 m

Non W/VE Continental Leaders

For Class: A = Mixed Mode, B = Phone Only, C-CW Only, D = Multioperator. For Power: A = QRP, B = Low, C = High

<i>Class</i> Africa A A	Power B B	Call EA8CAC 6W7RV	<i>Score</i> 18,422 1,701	<i>Class</i> D D D	Power	<i>Call</i> UAØAZA RK9CZO RZ9WXK	<i>Score</i> 1,235,433 501,354 458,208	Class C C C C	Power B B B B	Call V31UB (KU5B, op) XE1NW XE3WAO XE1CT	<i>Score</i> 595,200 243,138 100,683 67,704
A A	C C	3V3B (YT1AD, op) EA8/OH4NL	4,020,304 2,784,510	Europe A	А	HA1CW	880,545	č	B	HP1AC	45,600
A	С	5H3HK	1,742,028	A A	A A	OK1VBA ES6PZ	264,880 182,088	D		XE1CXC	91,761
В В	B B	CN8SG EC8ADU 3V8SS (D.I4MH, op)	575,770 91,797 5 916	A	A A	SM3C (SM5CCT, op)	176,358	A	А	ҮСЗММ	3,348
В	С	CN2R	4,718,736	A A	B B	HA80IARU (HA1DAC, op) CT7T (CT1ILT, op)	2,064,540 1,724,565	A A	B B	DV3ZQR VK6DXI	69,485 492
В	C A	ZS5ACT	4,576 27,550	A A A	B B B	9A9D (9A5K, op) EA7RM EA5HT	1,322,508 1,035,450 805,016	A	С	ZL1V (ZL1CT, op)	1,520,446
с	В	EA8ASJ	389,232	A	С	HG3M (HA3MY, op)	2,184,305	в	в	YB5BO	90,344
c	В	ZS1AJS	507	A A	C C C	UW5Q LY9Y (LY2CY, op)	1,549,548 1,495,592	B B B	BBB	DV1JM 4F1MEU VB1BAD	86,975 79,732 60,395
C C C	C C C	ET3TK (OK1HWB, op) 3DAØKDJ	752,136 151,096	A	c	RN3QO	1,406,080	В	B	YB4IR	48,532
С	С	ZS1EL	109,200	B B	A A	EU1AAR UR5MNZ	60,520 53,445	B B	C C	YBØA DU1BP	380,165 153,335
D Asia		ZS5NK	268,513	В В В	A A A	RV3BR ES6PA SQ2DYF	52,096 35,360 32,984	В В	C C C	VK2CZ YCØJDW VK2GWK	24,512 19,824 8,580
A A	A A	RZ9AWJ RA9HTO	56,852 31,008	В	в	CT1DHM	577,676	C	в	ZL1TM	562,076
A	A	JK1TCV	15,708	B B B	BBB	ON4ADZ DF7YU IK2DZN	301,936 294,112 288,750	C C	B B B	VK4TT DS5DNO VK2AB	111,228 59,396 34,827
A A A	BB	T6KBLRM JM1NKT	440,298 381,988	В	В	SQ9JKW	285,300	c	В	VK2GR	30,753
A A	B B	4S7AB RK9CR	245,532 213,120	B B	C C	ES5TV S50A	1,869,534 1,577,776	C C	C C	VK1AA VK7GN	1,071,381 119,392
A A	C C	RG9A (UA9AM, op) 9M2CNC	2,514,519 958,620	B B	C C C	EA5DFV UT7QF	1,451,560 1,403.910	c	c	DU1EV	3,128
A A	C C	UA9CMQ RN9XA	432,864 399,304	С	A	HA5KDQ	978,832	D D		AHØ/NA8O ZL4BR	720,765 669,639
A	C	JA3HBF	237,220	C	A A A	RN6AL UA6LCJ BZ6LV	197,820 173,459 167,464	D South A	merica	YE1ZAI	86,800
B B	A A A	JH3DMQ JH8DEH	5,675 5,104	c	Â	LY4BF	143,488	A A	B B	PY2WC LU2EE (LW5EE, op)	416,480 133,086
B B	A A	RA9UAD TA2RX	4,620 3,420	CCC	BB	HA8DU HG1W (HA1WD, op)	1,849,460 912,665	A	В	PY7EG	1,854
B B	B B	7Z1SJ RU9AC	432,375 137,496	C C C	B B	UU5WW UR5HAC	783,510 695,412	A A A	C C C	LT2H (LU7HN, op) PT2BW	945,438 715,939 56,025
B	B B	UN7MMM UA9ACJ	124,334 114,559	С	С	9A9A	2,766,282	A	С	PY2DBU	1,311
в	в		79,440	C	C C C	Y 16A CS5A (DF4SA, op) FA3KU	2,366,264 2,218,788 1,959,616	В В	В В В	LU4DX HK3.UH	949,843 675,672 393 014
B B	с с	UA9JDP VR2XMT	329,056 260,517	č	č	S58A	1,750,719	B B	B B	PY2ZR PT2FE	75,555 64,260
B B	C C	JH3PRR RV9CM	112,141 85,692	D D		RL3A HG6N	2,837,415 2,782,188	В	С	CE3BFZ	1,004,562
C C	A A	JR1NKN RV9COI	39,280 18,732	D D		IR4T G5W	1,875,500 1,792,383	B B	c c	AY8A (LU8ADX, op) LTØH (LU3HY, op)	862,353 792,834
СС	A A	JA1GTF JF1ABZ	1,558 85	North A	merica		000.004	В	С	LQ5H (LU3HS, op)	486,850
C	A B		4	A A A	В В В	HI8/JA6WFM XE2AC OX3KV	230,394 90,282 16,324	C C C	В В	PV8DX PY3AU PY4CEL	160,890 65,975 32,994
C C	B B	UN3M RA9DZ	1,070,284 565,200	A	С	XE1KK	703,494	C C	B B	PY8MGB PY4FQ	32,198 23,700
C C	B B	JL1DUE UA9WQK	360,168 314,571	В	А	KP4KE	141,218	С	С	PY2NY (OH2MM, op)	1,751,313
C C	C C	ZC4LI P3F (5B4AGN, op)	1,962,401 1,895,411	B B	B B	HQ2DMR 6Y4Y	48,320 41,724	č	c	PY2NA	90,032
C	C C	UP4L (UN7LZ, op) UA9YAB	1,315,776 865,060	B B	B B	TG9ANF HR2JGG	30,168 9,425	D D		PS2T ZW5B	4,643,716 2,995,592
D	С	0A91F 5B/AJ2O	678,397 4 274 928	B	C C	ZF2AH XE2K	622,976 436,108	D D D		LH2F PJ2D PP5WRTC	2,321,208 2,301,564 1,292,277
D		RZ9OZO	2,032,539	В	č	HP3BS	29,854	2			.,_0_,_17

and 15 m. In 2004, 10.4% of all IARU Qs were on 10 m and 24.2% were on 15 m. In 2005, those numbers dropped to 4.0% and 18.4%, respectively.

Also included on the Cycle 23 plot is a marker showing where the smoothed sunspot number is likely to be for the 2006 event—pretty much right at solar minimum. It's time to get your 20 m and 40 m antennas in tip-top shape!

2006 Contest

The 2006 IARU HF World Championship will be held the weekend of July 8-9. The announcement will be published in the April 2006 issue of *QST* and the full rules will be found online at **www.iaru.org/contest.html**. Be sure to join in for the 2006 running, and especially be sure to have *fun*.

WRTC2006 will be held within the IARU HF World Championships contest. The last World Radio Team Championship was held in Finland in 2002, and the 2006 event in Brazil promises to be just as exciting and interesting for all IARU participants. For more details on this event, check out the WRTC2006 Web site at **www.wrtc2006.com**.

Finally, watch for the July/August 2006 issue of *NCJ* (the *National Contest Journal*). It will be a special issue devoted to WRTC2006.