

2007 ARRL International DX Phone Contest Results

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“By trying we can easily learn to endure adversity — another man’s I mean.” — Mark Twain (official quotist of this write-up)

We were all standing around by the side of Solar Highway 1 with our thumbs out, hoping to catch a lift from Cycle 24. Some of us were sure the new cycle would be the biggest, fastest ride we’d ever seen. Others were of the opinion that no, it was going to be a rickety flat-bed with one headlight out. As it turns out, we’re still waiting with Cycle 23 conked out on the shoulder, hood up and battery dead. Will we ever catch a ride of fresh sunspots and a tank full of ultraviolet?

Patience may be a virtue, but it’s hard to put DX contests on top priority with not much encouragement from WWV. This year’s solar and geomagnetic conditions were nearly a repeat of last year’s as you can see from Table 1. So how many intrepid DXing souls went the distance and sent in a log? Almost exactly the same number of US and VE contesters — 1283 this year and 1284 in 2006. Outside the US and Canada, log submissions did take a bit of a hit, falling from 937 to 880, a drop of 6%.

That’s only the number of submitted logs, however. The maximum number of QSOs tells a better story. K3LR’s multi-multi crew squeeze-ed 20 meters bone dry with a QSO total of 2689, the highest of any domestic station on any band and a slight rise over last year’s pinnacle of 2663 QSOs. Going the other way, PJ2T managed to attract quite a crowd, working 3724 Ws and VEs — a stunning increase of 23% over the 2006 count! How many of those were new General class licensees, I wonder?

After log checking, US/VE stations were credited with 354,702 QSOs, down from 416,857 last year. DX stations, even though there were slightly fewer of them, almost kept their total QSOs steady, working 438,798 QSOs, a drop of about 20,000 (4%) from 2006. Those are still pretty powerful rates

— 7389 and 9141 QSOs per hour on average! That should answer any questions about whether hams can fill up the bands on any given weekend. I’d say interest in DX and DX contesting remains high, despite the lack of high-band propagation.

(Solar and ionospheric data can be obtained from NOAA’s “Solar Data and Products Online” Web site, www.sec.noaa.gov/Data/index.html#indices.)

Web Write-up Notes and Features

“When we remember we are all mad, the mysteries disappear and life stands explained.”

The QST write-up really has no choice but to focus on the overall leaders — as it should since they have made the big effort to make those huge scores. That shouldn’t diminish the achievement of any operator moving up in the standings, making the most of a modest station, or taking advantage of smart strategy. That’s why we have the Divisional Write-ups in the ARRLWeb version at www.arrl.org/contest/results. This year, not only do we have analysis of the results from every continent and the Caribbean, but from a resident contestermanning the keyboard for every one! And for the third year running, every US and VE ARRL/RAC Division benefits from regional analysis. Please be sure to say “Thanks!” to the folks who put operating aside for an evening or two to spend time writing at the computer. You can help them in future contests by uploading your contest stories to the ARRL Soapbox pages at www.arrl.org/contests/soapbox. In the sidebar department, you’ll find contesting’s favorite propagation poobah, Carl Luetzelschwab, K9LA, trying to answer everybody’s hottest question, “When Will the Higher Bands Be Back?”

I’d also like to remind everyone that sortable contest scoring data is available from the ARRL Contest Results Web page at www.arrl.org/



Steve, GW4BLE, is a well-known contesterman from Wales, entering in the SOAB-HP category with 555 kpts.

Table 1
Propagation Indices for ARRL DX Phone

Year	Flux		Planetary A _p		Estimated K	
	Sat	Sun	Sat	Sun	Sat	Sun
2002	191	183	5	10	1.6	2.5
2003	138	147	14.5	11	2.8	2.6
2004	105	106	5	6	1.8	1.8
2005	81	84	10	36	2.5	4.3
2006	75	74	2	1	0.9	0.5
2007	73	73	2	3	0.5	0.8

contests/results. While you’re there, download a copy of the printable line scores, too!

Records

“How little a thing can make us happy when we feel that we have earned it!”

Few records changed hands this year. In keeping with the general level of solar activity, both of the single-band records set this year were on 80 meters. Alex, KU1CW, set a new 80 meter record for the 10th district, eclipsing the old mark set last year. 80 meters was good across the pond, too, because F6CTT took over the top spot from ON4UN, whose record was also set last year!

Multi-Two was the hot category with four records being set in 2007. 6Y1V broke the oldest record this year, convincingly claiming a new North American record last set in 1993.

Table 2A
New US/VE Records for 2007

Category	Call District	Call	New Record	Old Record	Year Set
SO-80	0	KU1CW	51,948	34,996	2006
Multi-Two	1	KC1XX	5,590,086	1,435,802	2000

Table 2B
New DX Records for 2007

Category	Continent	Call	New Record	Old Record	Year Set
SO-80	EU	F6CTT	204,156	189,840	2006
Multi-Two	NA	6Y1V	9,633,852	4,466,708	1993
Multi-Two	OC	KH7X	6,162,156	5,865,941	1998
Multi-Two	SA	PJ2T	10,704,960	3,061,412	2003

Top Ten US/VE

Single Operator High Power	Score
VY2ZM	4,455,600
VO1MP	2,835,864
VC3O	2,565,912
K1TO	2,344,650
AA1K	2,334,780
K3CR	2,080,152
K1RU	1,816,014
W9RE	1,627,716
WB9Z	1,486,032
K7RL	1,466,652

Single Operator 80 Meters	Score
AA1BU	128,304
KT1V	120,600
KU1CW	51,948
N3YD	28,512
K9MUG	21,411
N0NI	19,080
K4JLD	14,742
N2GC	6,765
K9IDQ	6,765
N4NM	6,360

Single Operator Assisted	Score
N2NT	2,145,480
N3KS	2,109,336
K2XA	1,821,330
K3WW	1,763,148
NN3W	1,469,952
N8TR	1,420,965
K2PS	1,303,344
N3AD	1,257,138
AA3B	1,249,020
W3PP	1,122,384

Top Ten DX

Single Operator High Power	Score
8P1A	7,611,492
FV5KE	5,673,438
T05A	3,640,896
CN3A	2,840,445
OK5R	2,561,835
E44KR	1,803,984
SN7Q	1,431,936
YW5NN	676,260
IZ3ALF	655,728
SO6X	632,835

Single Operator 80 Meters	Score
XE2K	205,146
F6CTT	204,156
KP4KE	203,928
CM6RCR	161,994
GM3PPG	148,512
CO6LP	116,964
SN3A	85,446
DL1AUZ	83,049
HG3DX	68,310
KL7RA	66,444

Single Operator 10 Meters	Score
LU1HF	131,760
T15N	103,329
PP5AMP	74,562
LU9DAG	58,254
LU8EOT	43,575
PP5TR	30,432
CX4DX	17,298
LU3JVO	12,225
PY2CX	11,340
PP5BZ	9,216

Single Operator Low Power

N1UR	1,009,866
W3LL	684,294
N5AW	628,236
N4KG	509,217
VE3AD	502,944
VE3XN	425,739
W4TAA	390,429
N3DG	344,088
KD9MS	332,442
W1CTN	315,948

Single Operator 40 Meters

KY5R	52,371
W1XX	42,966
WD0BGZ	38,880
K8DJC	26,838
K5MQ	25,254
K4KZZ	23,625
K16LZ	22,428
K4LTA	21,120
W8FR	18,975
W9OP	17,325

Multioperator Single Transmitter

W3BGN	2,514,912
VE3RM	2,116,884
W1QA	1,837,140
N1MM	1,685,718
K3MD	1,084,500
N1FD	1,083,576
W3MF	1,017,360
W3GQ	969,387
K1KI	872,640
NT4D	806,796

Single Operator Low Power

P40A	5,595,456
HI3T	3,824,532
VP9/W6PH	2,461,179
P40LE	1,727,250
8P6EX	867,432
XE1XOE	543,552
OM5CD	467,550
3G1K	318,171
IZ2FOS	318,135
YV5EAH	317,898

Single Operator 40 Meters

YW4D	314,418
TM9R	208,449
ZL3WVV	152,712
YT5T	115,650
SO8A	105,300
KH6FKG	104,463
OL9R	104,370
JA0JHA	61,017
EA5BRE	57,684
DF3GY	51,600

Single Operator Assisted

PJ4G	5,326,200
PT7CB	3,029,598
LU4DX	2,220,936
EA7RU	1,138,626
DL0WW	994,080
HR2DMR	899,775
YR9P	466,044
F8CMF	318,714
IK3SCB	299,847
G3YYD	294,591

Single Operator QRP

N1TM	109,344
KA1LMR	94,563
VA3DF	63,879
WA8WV	39,192
KA1C	35,235
N4AU	25,875
K3TW	20,400
N4ZAK	15,498
KT8K	14,022
KO1H	13,728

Single Operator 20 Meters

W7WA	479,094
NA3D	393,900
N4PN	321,816
VA3YP	310,365
W6AAN	297,024
W7BJN	147,456
K6HNZ	139,740
W8TWA	121,716
W7TTE	112,437
W6AEA	95,586

Multioperator Two Transmitters

KC1XX	5,590,086
N3RS	4,964,262
WE3C	4,326,996
W4RM	3,318,456
K0TV	2,142,174
NE3F	1,840,626
NK7U	1,570,008
W4MYA	1,371,846
WX3B	1,282,953
N3MX	1,276,695

Single Operator QRP

4M2L	233,916
PY2HL	114,228
AH7ZA	67,200
F5BEG	65,025
LU1VK	54,264
F5NOD	37,053
OK7CM	19,812
UA3BL	14,175
JR4DAH	10,185
EA3FF	9,477

Single Operator 20 Meters

ZF2AH	600,480
4M5IR	430,287
SO2R	397,542
M0LLL	397,542
OH8X	390,462
YV1RDX	372,600
TM1W	360,876
6H1L	352,602
9A1A	349,914
DP4K	341,040

Multioperator Single Transmitter

V26H	4,958,832
VP2E	4,944,654
XE7S	4,322,268
HI3C	4,218,480
CU2A	3,560,214
VP5H	3,348,099
LP1H	3,165,645
LT1F	2,972,976
TO6T	2,895,018
NH6P	2,676,993

Single Operator 160 Meters

W4SVO	8,370
AA4MM	7,308
W8LRL	6,765
W3GH	6,084
KK4SI	5,358
K5RX	4,554
K4MHZ	3,813
K1HAP	3,510
WJ9B	1,449
WC4H	1,134

Single Operator 15 Meters

K2SS	119,922
K6XX	96,957
K9BGL	87,975
KCTV	57,792
K8IA	53,460
N0VD	40,500
K5FP	40,068
N0RB	24,804
W2AW	23,352
KC6R	21,147

Multioperator Multi Transmitter

K3LR	7,701,825
W3LPL	6,823,500
K1TTT	4,138,209
K1RX	3,924,180
KB1H	3,074,688
W0AIH	1,467,684
K7ZSD	1,169,460
K1IR	772,431
KB0HH	99,120
KB5TX	96,570

Single Operator 160 Meters

KV4FZ	116,109
YW5T	29,232
CU2AF	21,696
PT7AG	14,280
SN3R	5,244
EA1DVY	2,760
PP5FMM	297
LU2DVI	99
DJ8ES	27

Single Operator 15 Meters

ZX5J	644,457
ZX2B	362,496
WP3C	350,262
ZP0R	309,396
L44DX	264,084
PP5JD	224,286
YV1CTE	198,912
LU7HF	141,417
IR4M	137,694
9A5E	132,741

Multioperator Two Transmitters

PJ2T	10,704,960
6Y1V	9,633,852
KH7X	6,162,156
V47KP	4,907,100
TM6M	3,157,680
HG6N	1,946,973
JA3YBK	753,219
JA1YPA	429,570
OZ/DK0G	13,965
J42WT	10,332

Multioperator Multi Transmitter

OE4A	2,324,316
9A7A	2,125,242
RK2FWA	1,355,310

KH7X added to their Oceania trophy case, raising by 5% the bar last moved in 1998. In the Caribbean, PJ2T destroyed the old South American record with a score more than 3 times the old record set in 2003! And here in the states, KC1XX made the switch from Multi-Multi (MM) to Multi-Two (M2) and pounded the 1st district record into submission.

Exceptional Performances

“Facts are stubborn things, but statistics are more pliable.”

First, anybody that goes all out during the bottom of the solar cycle in a DX phone contest deserves the accolades! Even though conditions aren't their best, though, it's still fun to bust those pileups and put calls in the log. Every QSO is just that little bit sweeter, is it not?

- K7RL managed to crack the SOAB-HP (Single Operator All Bands — High Power) Top Ten from WA state, more than 1500 miles west of any other Top Ten inhabitant.

- V47KP's Multi-Two effort would have been a North American record but for the higher score of the 6Y1V team.
- K4KZZ on SOSB-40 (Single Op Single Band) and W8LRL on SOSB-160 made the domestic Top Ten with low-power entries — nice work!
- T15N was the only North American station to make the SOSB-10 Top Ten. With the band so long, that's a testament to a great effort from a great station.
- K6XX placed second in the US/VE SOSB-15 Top Ten, besting K2SS's QSO total, but losing the top place in multipliers, the downfall of many a West Coast score.

US and VE Overview

“Get your facts first, and then you can distort them as much as you please.”

For the third straight year, 20 meters has been the band with the highest fraction of DX QSOs. The only noticeable change is a few more 15 meter QSOs in the SOAB-LP (Low

Power) category. In fact, the relative amounts of QSOs across the bands looks very much this year like last year, as the solar indices suggest. It will take a significant change in conditions to change this state of affairs. If you are building a station to compete in DX contests, be sure to focus on the 20 meter hardware.

Figure 1 shows the percent by which QSOs or multipliers have changed since the solar peak year of 2002. These graphs show the relative contribution of each band compared to 2002. Over a long period of time, the bars should track the solar cycle, although with different phases on the high and low bands. Keep reading!

Close Finishes

As on any day at the races, there will be some close finishes. These are always fun to look for in the results and this year is no exception:

- K1TO and AA1K were separated by only 0.4% for 3rd and 4th place in SOAB-HP, respectively.

- The entire SO-Assisted Top Ten is filled with competitors only a few percent apart.
- 80 meters finds K9IDQ and N2GC tied for 8th and 9th place in 80-meter single-band.
- The tightest non-tied race in any domestic Top Ten was found in the Multi-Single category where K3MD squeaked by N1FD with only 0.08% to spare!

Remember these photo finishes when you are tempted to log that weak station even though you aren't really sure if your information was acknowledged or if you really got the call correct.

Single Operator

You had to be considerably east of the Mississippi to make the Top Ten in the QRP category this year. Michigan and Alabama were as far west as the list went. N1TM moved up from 4th place last year to take the plaque this time out with a convincing 109k and 13% win over second place challenger KAILMR. VA3DF made a run from 8th to 3rd this year, nearly cracking 200 QSOs. KA1C and K3TW both moved up in the standings as the persistent operators showed they could deal with the bands, even limited to QRP power.

NIUR made a lot of stations happy with his VT multiplier, repeating as the SOAB-LP (Low Power) winner this year. His category leading score of 1.009 Mpts (1,009,00 points) was only slightly down from last year's 1.063 Mpts, but the competition was down even more. W3LL was not in the Top Ten last year, but leaped to second place just ahead of N5AW in STX who held on to third place for a second year. There was more geographic diversity than in the QRP Top Ten with stations farther west and south (N4KG in AL in 4th place and W4TAA in WCF in 7th). VE3AD moved up three places to finish 5th from Ontario, chased by VE3XN in 6th.

With the path to Europe so important and so compromised by low solar flux, there's really only one thing to do — make it shorter! And that's what K1ZM has done by moving to Prince Edward Island and setting up shop as VY2ZM. Leading the SOAB-HP category for another year by an impressive 36%, it's hard to see what will push 'ZM out of first place except for perhaps the return of strong 10 and 15 meter openings. Until then, look for VY2ZM atop the standings.

Once again this year, the Canadian north-east was very well represented in the SOAB-HP category as VO1MP and VC3O (operated by shape-shifting VE3AT) completed the 1-2-3 sweep of the Top Ten's top places. In a squeaker mentioned before, AA1K made a

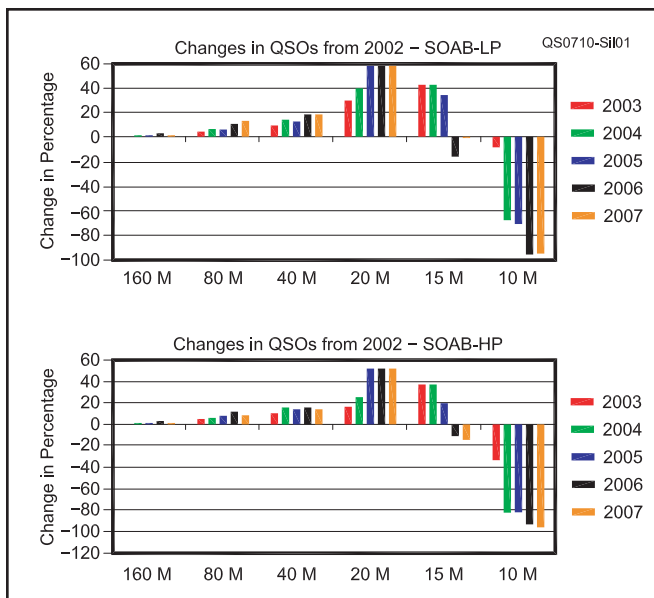


Figure 1 — Trends in QSOs since 2002.

strong move up to 5th place from ever-popular DE, but couldn't get by K1TO who placed 4th from the WCF section.

As usual, US/VE Single-Op-Assisted is very hotly contested. All this competitiveness is crammed into the Atlantic and Hudson Divisions, too, with those stations claiming all but one of the positions. With Internet connections becoming the norm for spotting network feeds, density of VHF-based networks is less important, but there is clearly some benefit to being located in a region packed with hams, even if the QRM is likely murderous at times.

Andy, N2NT, made a rather successful entry into the category in first place, besting N3KS in 2nd who moved up from 6th last year. Another big move was made by K2XA from 9th in 2006 to 3rd in 2007. Mr SOA, K3WW, appears in 4th place and southern neighbor NN3W right behind. The stranglehold of East Coast stations is broken at 6th place by N8TR from OH.

Single Band

This year's trends in single-band logs continue those seen over the past couple of years. The growth in entries slowed, but 20 meters remains by far the most popular single-band category, picking up a few percent from 15 meter's free fall from 2003-2004 prominence. 160, 80 and 40 meters all showed slight increases. Unless there are lots of sunspots to play with, expect 2008 to show about the same levels of interest in the different bands.

Just how wan and tenuous was 10 meters? Let's put it this way — the sum of all the scores in the 10 meter Top Ten would not be enough to crack 10th place in the 15 meter Top Ten! Nevertheless, specialists still manage to eke out contacts on this very-VHF-like band.

K4WI repeats in the top spot this year, just a pair of multipliers overcoming the 5 additional QSOs of 2nd-place KE5CCN.

Even without thundering masses of signals on 15 meters, there was enough interesting propagation and activity that everybody had a shot at the Top Ten. New England's K2SS out-multiplied K6XX from the West Coast to bring home the 1st place walnut this year. This could be a real horse race when Europe is once again available across the North American continent. Single-band stalwart K9BGL put IL on the map in 3rd before the list swings back to a pair of AZ stations — KC7V and K8IA — in 4th and 5th, respectively.

Last year I opined that the 20 meter band might overload and burn out — it apparently took a step or two in that direction.

Scores were down significantly with W7WA holding on to the top spot, but at only 53% of last year's score. The secret? Only a handful more QSOs than 2nd place finisher NA3D. Band knowledge is definitely at a premium for single-band competitors.

Watch the bouncing ball as it tracks the locations of the 40 meter Top Ten stations; AL, RI, CO, OH, LA, NC, SB, TN, MS, WI. Or as districts; 4, 1, 0, 8, 5, 4, 6, 4, 5, 9. That's a pretty wide distribution and indicative of fairly good conditions on 40 phone. We are getting closer to the day when broadcasters start vacating the upper reaches of the band and hams worldwide can make better use of this important allocation. When that happens, look for 40 meter scores to jump dramatically. In the meantime, congratulations to KY5R for overcoming the distance-to-Europe challenge and prevailing in this tough category. W1XX made RI available near and far from 2nd place, followed by WDØBGZ in 3rd from the Great Plains of CO.

From the numbers, one wouldn't have been faulted for expecting a record-setting year for 80 and 160 meters, yet scores and multipliers were down on both bands. Pushing the envelope from the Midwest, KU1CW made a big dent in the old tenth district record from MO and now owns that to match the 160 meter record he posted last year as KØLW.

The big battle on 80 between 1st-place AA1BU and 2nd-place KT1V was a hot one. In a pattern we've seen elsewhere in the results, KT1V managed 8 more QSOs, but AA1BU managed to dig out 6 more multipliers on his way to the top. This is great for the competitive spirit and strategic skulduggery.

The night owls were busy on Top Band, as well, with W4SVO crashing the Top Ten party this year in the #1 spot. AA4MM was third last year, but moved up one notch to

Continental Leaders

	Call	Score	Call	Score	Call	Score			
Africa									
Single Operator High Power	CN3A	2,840,445	Single Operator 40 Meters	TM9R	208,449	Single Operator Low Power	KH6SH	238,395	
Single Operator Low Power	EA8OM	37,740	Single Operator 20 Meters	MI0LLL	397,542	Single Operator QRP	AH7ZA	67,200	
Single Operator 20 Meters	EC8ADW	30,879	Single Operator 15 Meters	IR4M	137,694	Single Operator 80 Meters	ZL1KMN	1,248	
Single Operator 15 Meters	VQ9LA	29,502	Single Operator Assisted	EA7RU	1,138,626	Single Operator 40 Meters	ZL3WV	152,712	
Single Operator Assisted	EA8BZH	55,680	Multioperator Single Transmitter	CU2A	3,560,214	Single Operator 20 Meters	AH6RR	23,835	
Asia									
Single Operator High Power	JA0QNJ	516,375	Multioperator Two Transmitters	TM6M	3,157,680	Single Operator 15 Meters	DV1EG	300	
Single Operator Low Power	JH4UYB	247,776	Multioperator Multi Transmitter	OE4A	2,324,316	Single Operator Assisted	KH6/AA4V	26,271	
Single Operator QRP	JR4DAH	10,185	North America				Multioperator Single Transmitter	NH6P	2,676,993
Single Operator 80 Meters	JE1SPY	108	Single Operator High Power	8P1A	7,611,492	Multioperator Two Transmitters	KH7X	6,162,156	
Single Operator 40 Meters	JA0JHA	61,017	Single Operator Low Power	HI3T	3,824,532	South America			
Single Operator 20 Meters	JA7BJS	66,693	Single Operator QRP	HI8/NM6E	3,750	Single Operator High Power	FY5KE	5,673,438	
Single Operator 15 Meters	JH7XMO	22,950	Single Operator 160 Meters	KV4FZ	116,109	Single Operator Low Power	P40A	5,595,456	
Single Operator Assisted	JM2RUV	198,465	Single Operator 80 Meters	XE2K	205,146	Single Operator QRP	4M2L	233,916	
Multioperator Single Transmitter	JA8RWU	450,882	Single Operator 40 Meters	TE2M	43,050	Single Operator 160 Meters	YW5T	29,232	
Multioperator Two Transmitters	JA3YBK	753,219	Single Operator 20 Meters	ZF2AH	600,480	Single Operator 80 Meters	YY5OHV	39,072	
Europe									
Single Operator High Power	OK5R	2,561,835	Single Operator 15 Meters	WP3C	350,262	Single Operator 40 Meters	YW4D	314,418	
Single Operator Low Power	OM5CD	467,550	Single Operator 10 Meters	TI5N	103,329	Single Operator 20 Meters	4M5IR	430,287	
Single Operator QRP	F5BEG	65,025	Single Operator Assisted	HR2DMR	899,775	Single Operator 15 Meters	ZX5J	644,457	
Single Operator 160 Meters	CU2AF	21,696	Multioperator Single Transmitter	V26H	4,958,832	Single Operator 10 Meters	LU1HF	131,760	
Single Operator 80 Meters	F6CTT	204,156	Multioperator Two Transmitters	6Y1V	9,633,852	Single Operator Assisted	PJ4G	5,326,200	
Oceania									
Single Operator High Power	KH6GMP	185,640					Multioperator Single Transmitter	LP1H	3,165,645
							Multioperator Two Transmitters	PJ2T	10,704,960

second, passing W8LRL in third with a nice LP score. W3GH and KK4SI placed 3rd and 4th before the spotlight swept west to K5RX in NTX, this year's most western Top Ten inhabitant.

Multioperator

With all the new Technician and General class operators that are due to hit the airwaves this year, what better way to teach contesting and HF operating than a multioperator "contest college"? Everybody comes out a winner, especially the new hams who get valuable instruction and make a whole bunch of new friends at the same time.

Lest one think the top teams have a lot of operators, the average in multi-single is only 2.6 operators and most were just two-person teams. That's a lot of QSOs and a lot of time in the chair. W3BGN leapt into the Top Ten, landing in the top spot courtesy of a substantial multiplier advantage over 2nd place score and sole Canadian representative VE3RM. WIQA and N1MM (wonder what software they used?) duked it out for 3rd and 4th, respectively, from the New England Division.

Hey, guys — there's a really big dude at the door and he wants to come in! Please welcome KC1XX to the Multi-Two party (also known

as Mini-Multi-Multi) as Matt's Marauders take first in their initial foray in the category. The next four places went to finishers in the same order as in 2006; N3RS (2nd), WE3C (3rd), W4RM (4th), and KØTV (5th).

It will happen sooner or later, but this was not the year for the K3LR string of wins to come to a close, now held over to a fourth big year. Who can dethrone the Mighty Tim? W3LPL's crew certainly gave it a great shot again this year, giving the Pride of Way-West Pennsylvania a waxing on 160, 80 and 40, but they couldn't overcome the Lima Radio magic on 20 and 15 meters. The Multi-Multi heavyweights do some serious heavy lifting on contest weekend.

DX Phone Sponsored Plaques

Plaque Category	Winner	Plaque Sponsor
W/VE Single Operator High Power	VY2ZM	Frankford Radio Club
W/VE Single Operator Low Power	N1UR	Dauberville DX Association
W/VE Single Operator QRP	N1TM	Jeffrey Briggs, K1ZM
W/VE Single Operator Assisted	N2NT (W2GD, op)	Pete Carter, K3VV Memorial
W/VE Multioperator Single Transmitter	W3BGN	Steve Adams, K4RF
W/VE Multioperator Unlimited Transmitter	K3LR	Western New York DX Association
W/VE 1.8 MHz	W4SVO	Butch Greve, W9EWC Memorial
W/VE 3.5 MHz	AA1BU	K1ZM Communications, Inc K1ZM
W/VE 14 MHz	W7WA	William F. Beyer Jr., N2WB
W/VE 28 MHz	K4WI	Ralph Fontaine AF7DX
World Single Operator High Power	8P1A (W2SC, op)	North Jersey DX Association
World Single Operator QRP	4M2L (YV5YMA, op)	Southern Arizona DX Association
World Multioperator Single Transmitter	V26H	Carl Cook, A16V/P49V
World Multioperator Two Transmitters	PJ2T	W6NL and K6BL
World Multioperator Unlimited	OE4A	Stanley Cohen, W8QDQ
World 14 MHz	ZF2AH	Don Wallace, W6AM, Memorial Award
World 21 MHz	ZX5J (PP5JR, op)	Long Island DX Association
World 28 MHz	LU1HF	North Shenandoah DX Association NS4DX
Asia Single Operator High Power	JA0QNJ	Tim Coad, NU6S
Asia Multioperator Single Transmitter	JA8RWU	Yankee Clipper Contest Club
Europe Multioperator Unlimited	OE4A	Operators at K1TTTT
North America Multioperator Single Transmitter	V26H	Nick Lash, K9KLR
Oceania Single Operator High Power	KH6GMP	W7EW / W7AT
South America Multioperator Two Transmitter	PJ2T	Operators at K1TTTT
New England Division Single Operator Low Power	N1UR	CTRI Contest Group
Canada Single Operator Low Power	VE3AD	Contest Club Ontario
Japan Single Operator Low Power	JH4UYB	Western Washington DX Club
W/VE Single Operator High Combined Score	AA1K	National Contest Journal
W/VE Single Operator Low Combined Score	N1UR	Rochester DX Association K2FR Memorial Plaque
World Single Operator Low Combined Score	VP9/W6PH	C. Sharp, K5DX Memorial by the Texas DX Society
World Multioperator Unlimited Combined	RK2FWA	W2PV Memorial - Schenectady ARA
Rocky Mountain Division Single Operator Combined	NN7ZZ (N5LZ, op)	Albuquerque DX Association
Additional CW Plaques		
W/VE Multioperator Single Transmitter	W3BGN	Northern Illinois DX Association
World 21 MHz	P49V	Caribbean Contesting Consortium
Canada Single Operator Low Power	VE10P	Contest Club Ontario
Japan Single Operator Low Power	JA2AXB	Western Washington DX Club

W/VE, national, overall, divisional or call area category leaders that are not listed may purchase their plaque by contacting the ARRL Contest Department at 860-594-0232 or by e-mail at contest@arrl.org. The cost is \$67 (US) and includes shipping. DX Continental or Country leaders may purchase their un-sponsored plaque by contacting the Contest Department as shown above. Plaques shipped to non-US locations may be charged an additional shipping fee depending on the type of shipping service desired.

DX Overview

"When I was younger, I could remember anything, whether it had happened or not."

Let's start by saying thanks to the DX stations that aimed the aluminum stateside for the weekend. It wouldn't be much of a DX contest if you didn't! Tell your friends and encourage them to spend a few hours or 48 being welcomed by the US and VE crowd. It's a great way to work on WAS-type awards, too!

Before proceeding, let's have a collective tip of the cap to three great wins by a trio of traveling troubadours from the US making another trip to log thousands of QSOs from the Caribbean. W2SC as 8P1A in SOAB-HP, KK9A as P40A in SOAB-LP, and K2NG as PJ4G in SO-Assisted all put on quite a display as they took the top score back home. Not only did they lead their categories in scoring, but in logging accuracy, too! Strong work!

The most competitive Top Ten is in the popular SOAB-20 category. Behind the category leading score, the ratio of 2nd to 10th place is only 1.26:1. That's almost as crowded as the 20 meter band sounded!

Single Operator

With the ARRL DX exchange of signal

W/VE Region Leaders

Tables list call sign, score, and power (A = QRP, B = Low Power, C = High Power).

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			Southeast Region (Delta, Roanoke and Southeastern Divisions)			Central Region (Central and Great Lakes Divisions; Ontario)			Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)		
VY2ZM	4,455,600	C	K1TO	2,344,650	C	VC3O	2,565,912	C	K0RH	427,050	C	K7RL	1,466,652	C
VO1MP	2,835,864	C	N8II	1,031,079	C	W9RE	1,627,716	C	K0OU	289,872	C	N6BV	1,032,750	C
AA1K	2,334,780	C	K5RQ	755,550	C	WB9Z	1,486,032	C	N0KE	267,840	C	K6NA	833,448	C
K3CR	2,080,152	C	AD4TR	597,045	C	W8KEN	207,015	C	WD5K	261,702	C	VE5UA	553,896	C
K1RU	1,816,014	C	AC8Y	560,142	C	VE3UZ	199,479	C	W6PU	236,964	C	K5RR	529,920	C
N1UR	1,009,866	B	N4KG	509,217	B	VE3AD	502,944	B	N5AW	628,236	B	K7ACZ	173,988	B
W3LL	684,294	B	W4TAA	390,429	B	VE3XN	425,739	B	KE5LQ	191,079	B	K7JE	151,815	B
N3DG	344,088	B	NA4K	249,480	B	KD9MS	332,442	B	VE5ZX	171,384	B	W7RV	139,416	B
W1CTN	315,948	B	WJ2D	247,665	B	N4TZ	192,648	B	W0ETT	122,478	B	KM6Z	101,556	B
W1JQ	286,638	B	W4EEH	240,366	B	WB8JUI	144,000	B	W5GZ	93,375	B	NW7E	92,820	B
			KP4KOE	44,541	B									
N1TM	109,344	A	WA8WV	39,192	A	VA3DF	63,879	A	WF4U	7,560	A	N6WG	12,000	A
KA1LMR	94,563	A	N4AU	25,875	A	KT8K	14,022	A	N4CYV	2,418	A	K6UIZ	1,824	A
KA1C	35,235	A	N4ZAK	15,498	A	WD9FTZ	10,725	A	K2HT	330	A	K6MI	972	A
K3TW	20,400	A	KK4PQ	7,095	A	N8XA	8,379	A				K6RM	72	A
KO1H	13,728	A	WN4DX	2,262	A	KC9ECI	3,552	A						

report and power, there's no doubt when a Single Op QRP station calls in, sometimes breaking through a pileup to do so. The scores are often surprisingly large, such as category-leading 4M2L operated by YV5YMA — that would be a good score in the low-power results. PY2HL claimed the 2nd spot from a little farther south before the only Oceania entry in QRP by AH7ZA. Mahalo! Europe makes an appearance with F5BEG in 4th place. Asia is represented in the Top Ten by another good effort from JR4DAH in the 9th position. The lone NA entry in the QRP category was by HI8/NM6E taking a contest holiday, we presume. There were no African QRP entries.

Low Power is intensely competitive and is the most popular single category on either side of the pileups. KK9A at P40A decided to make it a three-peat and placed first in convincing fashion. HI3T (op-HI3TEJ) was a strong second, possibly a little too far north to catch the 15 and 10 meter waves of domestic stations. VP9/W6PH made his annual trip to Bermuda (What kind of shorts does Kurt wear while operating, I wonder?) to pick up a bronze. P40LE, 8P6EX, and XE1XOE filled out the next three positions before Europe appears with OM5CD and IZ2FOS in 7th and 9th place on either side of 3G1K from Chile. YV5EAH, a neighbor to leader P40A, closes out the Top Ten.

Maybe we should add airline miles used up to the SOAB-HP scores in some way. Our traveling expeditioners mixed it up with resident operators this year, with four roving operators in the Top Ten as opposed to eight last year. The competition between Home and Visitors leads to a very vigorous category!

W2SC powered 8P1A to outdistance F5MZN who traveled to FY5KE in pursuit of DX contest gold. Both were followed by NH7A, who moved up from fifth to place third this year from TO5A. Leaving the Caribbean/South American shores, IK2SGC operated CN3A to make Africa's only show-

ing in any Top Ten box of 2007 in 4th place. Europe claims the next three positions in the guise of OK5R (op OK1RI), EA4KR, and SN7Q. YW5NN and SO6X slugged it out to claim 8th and 9th place, respectively, while GW4BLE completes the Top Ten listing. Just out of the Top Ten, JA0QNJ is the top Asian entry in SOAB-HP.

This year is quite a change from not too many years ago when the DX SO-Assisted category was dominated by Europeans! This year, the three top spots go to South America, demonstrating that the spotting networks really are worldwide. SO-Assisted was won this year by K2NG traveling to operate at PJ4G, managing to stay on a run frequency to the tune of 5918 QSOs while amassing some 300 multipliers. South America's sweep of Win-Place-and-Show was completed by 2nd place finisher PT7CB and in 3rd, LU4DX. EA7RU moved to 4th place this year, followed by DL0WW as Europe's top scores. HR2DMR put Honduras on the SOA map with a 6th place showing. Europe ran the rest of the table in the form of YR9P, F8CMF, IK3SKB and G3YYD. JM2RUV is the top Asian score at #14, EA8BZH repeats as the top African score, and KH6/AA4V did, in fact, bring the Internet to Hawaii this year!

Single-Band

The north-south railroad is running on schedule and on time. The Single Band 10 meter Top Ten is populated almost entirely in call signs from South American countries below the equator — PY, LU, and CX. LU1HF repeated as the winner this year, this time by a bigger margin. Right behind is an amazing performance from W5AJ at TI5N who must have worked a whole lot of backscatter and sporadic-E to place second from Central America. The list promptly returned to South America and PP5AMP repeating last year's 3rd-place finish.

As far as geography goes, Single Band 15 meters wasn't that different from SB-10. The

variety of last year's continental representation has vanished with seven of the top scores from South America, a lone North American score, and two Europeans. First place was decisively claimed by ZX5J. Brazilian call signs are well-represented in both 10 meter and 15 meter listings and the PY multiplier is more common in logs around the world, perhaps encouraged by last year's very successful WRTC 2006 in Florianopolis. Taking 2nd place is ZX2B and the NA representative, WP3C from Puerto Rico. Paraguay's ZP0R held down 4th place and moving a bit farther south, L44DX appears in 5th. PP5JD, YV1CTE, and LU7HF complete the South American group before IR4M and 9A5E fill out 9th and 10th positions, respectively. The top Asian score from VQ9LA was a delightful surprise from the middle of the Indian Ocean. EA8CCB was the lone African entry in SOAB-15, surprisingly, and DV1EG the top Oceania score.

There is a good mix of continents in the SOSB-20 category. ZF2AH was not at all troubled by long skip and easily outdistanced the competition to take the top spot. 4M5IR hailed from across the Caribbean in Venezuela for a 2nd place finish. Tied for third, yes, tied, were co-continental leaders MI0LLL and SO2R (that's a call, not an operating technique). Right behind them was OH8X, so northern Europe turned out to be once again a good place for 20 meter operating. The 6th spot flew back across the Atlantic to YV1RDX, only to return to Europe and TMIW in 7th. The exotic call 6H1L attracted enough attention to claim the 8th position. Two powerhouses in Europe, 9A1A and DP4K rounded out the Top Ten. The top Asian score was turned in by JA7BJS and EC8ADW was on hand to pick up the African title.

The 40 meter aficionados are impatiently drumming their fingers on the desktop, waiting for the day when working split isn't the only way to operate in this contest. Well, it's not here yet, so YW4D did it the old fashioned way

to place first in this tough category. The finalists bounced all over the map, with 2nd going to TM9R in EU and 3rd to ZL3WW putting up a nice score from the South Pacific. YT5T puts Europe back in the hunt at 4th place followed by SO8A in 5th. KH6FKG and OL9R put the squeeze on North America, nearly fighting to a draw, with the Oceania station prevailing by a slim 0.09%! At 8th place, JA0JHA puts an Asian station in the Top Ten for the only time this year. EA5BRE and DF3GY complete the SOAB-40 Top Ten.

SOAB-80 seems to be quite popular in Europe and with some success; half of the Top Ten spots go to the Continent, dividing the slots with North America and shutting out South America completely! XE2K stayed in run mode and used the distance advantage to out-talk F6CTT who set a new European record along with the 2nd place finish. They finished just barely ahead of KP4KE, all three stations separated by less than 0.5%! Another Caribbean, CM6RCR, took 4th before GM3PPG pinned down the 5th spot for Europe and CO6LP grabbed 6th. SN3A, DL1AUX, and HG3DX are found in 7th through 9th, respectively. KL7RA returned to the airwaves after moving his station with the final Top Ten spot. ZL1KMN braved his summer QRN to land the top Oceania score while JE1SPY turned in the best Asian score.

As with other low-band scores, the dramatic improvement expected on SOSB-160 at the solar minimum failed to materialize, but the Top Ten reflects good efforts. KV4FZ walked away with the top prize, using his capable station at an advantageous distance from US and VE callers. Just on the north shore of South America, YW5T took 2nd. CU2AF, almost halfway across the Atlantic came in 3rd. PT7AG's 4th place score is a good one from Brazil and the following pair of scores from SN3R and EA1DVY certainly reflect the high degree of difficulty in being heard in North America.

Multioperator

The big story was the photo finish between V26H and VP2E from the Caribbean. After log checking (it was that close) the V26H crew hung on their advantage to win, even though VP2E lost a bit less of their score. On the other side of the Caribbean, XE7S came in third, just ahead of the two-operator team at HI3C. CU2A in 5th was the top European score from their mid-Atlantic QTH. In 6th place, VP5H finished just ahead of a pair of teams from Argentina, LP1H and LT1F, that finished very close together in both QSOs and multipliers. TO6T in 9th put Guadeloupe in a lot of logs and NH6P was the top Oceania score this year. Once again, JA8RWU was the top Asian score — a beacon from Japan.

Multi-Two was *the* place to be in 2007! The Top Ten begins with four record-level scores in a row, led by PJ2T with a new South
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Affiliated Club Competition

Unlimited Category	Score	Entries
Yankee Clipper Contest Club	139,404,426	198
Frankford Radio Club	134,311,530	124
Potomac Valley Radio Club	93,655,371	190
Society of Midwest Contesters	30,875,724	77
Northern California Contest Club	23,352,162	77
Florida Contest Group	22,318,782	76
Minnesota Wireless Assn	20,297,799	71
Contest Club Ontario	18,633,665	63
Medium Category		
North Coast Contesters	20,414,244	23
South East Contest Club	15,756,765	23
North Texas Contest Club	15,013,548	17
Order of Boiled Owls of New York	12,165,531	18
Hudson Valley Contesters and DXers	11,703,576	37
Tennessee Contest Group	9,844,989	47
Mad River Radio Club	9,358,038	18
Maritime Contest Club	8,067,564	9
Carolina DX Assn	7,970,718	30
Western Washington DX Club	7,118,514	27
East Coast Canada Contest Club	7,106,277	9
Central Texas DX and Contest	7,079,703	14
Southern California Contest Club	7,007,127	31
Alabama Contest Group	5,237,307	20
Mother Lode DX/Contest Club	3,824,730	16
Central Arizona DX Assn	3,575,046	29
Rochester (NY) DX Assn	3,267,462	12
Willamette Valley DX Club	2,703,456	14
Grand Mesa Contesters of Colorado	1,694,571	17
Oklahoma DX Assn	1,561,014	5
Utah DX Assn	1,461,300	11
Metro DX Club	855,984	11
West Park Radiops	431,256	12
Local Category		
Albuquerque DX Assn	2,022,342	7
BC DX Club	1,578,399	5
Bay Area Wireless Assn	1,515,726	4
Northern Arizona DX Assn	1,032,318	10
Northern Illinois DX Assn	649,350	7
Florida Contest Group	646,500	3
Southern California DX Club	620,253	4
Western New York DX Assn	583,071	5
Kansas City DX Club	530,340	6
Bergen ARA	440,055	7
Spokane DX Association	423,321	6
CTRI Contest Group	398,037	5
Texas DX Society	348,240	7
Western Illinois ARC	338,652	4
Alberta Clippers	314,361	3
South Jersey DX Assn	281,487	5
Sterling Park ARC	273,933	4
Low Country Contest Club	267,069	3
Dauberville DX Assn	260,562	3
Wireless Association of South Hills	232,437	5
Magnolia DX Assn	197,892	3
Northern Rockies DX Association	190,650	3
Pikes Peak DX Group	114,231	5
Northeast Wisconsin DX Assn	103,842	3
South Jersey Radio Assn	28,755	3
Redmond Top Key Contest Club	20,763	3

American record, 6Y1V with a new North American record, KH7X with a new Oceania record, and V47KP with a score that also beat the old NA record. Wow! Not many stations got through the contest without working most of these calls. TM6M was 5th with the top EU score and HG6N right behind. Two familiar JA call signs, JA3YBK and JA1YPA made sure we all had JA in the log.

In Multi-Multi, OE4A tried this unlimited category and took home 1st place from Austria and for Europe, just nosing out 9A7A. RK2FWA put out a big signal from Kaliningradsk again this year. When conditions get better on the high bands, we'll see more Multi-Multi entries from outside the US and Canada.

Affiliated Club Competition

"The universal brotherhood of man is our most precious possession, what there is of it."

A total of 57 club entries were received this year — off from 2006's high of 60 sub-

missions. While the number of clubs was slightly down, the number of logs was definitely up! This year's club scores represent 1451 total logs, up from 1411 last year. This is a terrific way for clubs to get new members on the air and for less-experienced contesters to feel like they are making a contribution. Check the rules for club categories at www.arrl.org/contests/cc.html and see if your club can muster an entry.

The number of logs makes a huge difference as the Unlimited category shows. The Yankee Clipper Contest Club (YCCC) mustered 198 individual logs for 139.4 Mpts. This was just enough to nose out a strong challenge from the Frankford Radio Club's (FRC) 134.9 Mpts from 126 members. Time for a recruitment drive? Potomac Valley Radio Club appeared in 3rd place with 93 Mpts.

In the Medium category, the North Coast Contesters held on to their gavel in the face of perennial challenger South East Contest Club. The North Texas Contest Club added one more log and raised the average score substantially to move into 3rd place. In the newly populated Local category, the Albuquerque (spell that phonetically, please) DX Association withstood the onslaught from the Medium camp and added four more scores to take the top spot this year. The BC DX Club and Bay Area Wireless Club jumped from Medium to Local and swapped places, finishing 2nd and 3rd, respectively.

Concluding Remarks

"Let us so live that when we come to die even the undertaker will be sorry."

I'm sure everyone is tired of listening to flat bands and tired clichés about the solar minimum. Even the low-banders were dragging their tails a bit this year. But you know what? This won't last and pretty soon, those high bands will start to come alive with signals from the far corners of the globe on contest weekend. And there will be joy in Mudville. Take heart because I have heard the Big Bass Bongo drumming up on the hill and seen the Palos Verde Sundancers conducting their Propagation Exhortation dances.

Once the clock turned over to 0000Z on Saturday, every station forgot about the dismal numbers and made contacts as fast as they could go, for as long as they felt like operating! The bands that were open were crowded with signals from near and far. It has been that way since 1927 when the ARRL DX Contest made its appearance in ham radio history. Eighty years and 7 solar cycles later, we're still at it.

Keep it ever so — see you next year! 