

# 2011

## WAEDC & WAG Results 2011 WAEDC & WAG Rules 2012

**DEUTSCHER AMATEUR - RADIO - CLUB**  
**EUROPEAN - DX - CONTEST**



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# Worked All Europe DX Contest

Many leading contesters claim the WAEDC to be the most challenging contest of the year. Being a true blue DX contest, only intercontinental QSOs between DX and Europe are counted (exception is the RTTY part). Therefore the number of DX QSOs here may be similar to the amount of DX usually worked in the CQWW.

Moreover, the unique feature of QTC-traffic adds much fun and another operating challenge to the contest. Here the DX stations transfer real telegrams to the European stations. These telegrams contain data of previously logged QSOs. Each of these records counts one additional point for the sender and the receiver, given that the complete record was logged correctly. Thus, a DX station can actually double its score by sending QTCs. Some European stations, and not only the leading ranks, gain more than 70 percent of their score from QTC traffic.

However, like in any other contest you have to take care about the number of multipliers too. From a DX point of view these are the WAE entities. For the European stations multipliers come from DXCC entities worked and the numerical call areas of several big countries (JA, PY, W, VE, VK, ZL, ZS). Because multipliers are counted per band and on the low bands they count more than on the high bands, there is significant activity also on 40m and 80m. And remember - every contact is a DX QSO! Reflecting on this, you will work low band DX as well as high band DX even in the CW part in August as well as in the SSB part in September, despite all seasonal problems in the northern hemisphere. Remember, this part of the year is usually good for lowband activities from the southern hemisphere. For a well-equipped station and a dedicated operator worldwide DX is possible on 80m. In addition, the nowadays poor 10m band surprisingly often shows short DX openings with good rates and useful multipliers.

From our point of view, the WAEDCs are significant landmarks in the yearly contest calendar, providing highest level radiosport for serious contesters and fun for part time entrants and DXers alike. Join the WAEDC!

*All the best and good  
Luck in the contest!*

Helmut Müller, DF7ZS

WAEDC Manager

[www.waedc.de](http://www.waedc.de)



Certificate P1 Europe DM6V



Top: YT3M P1 CW LP Bottom: LZ8E P2 CW LP



# WAEDC CW 2011

These are the final results of the WAE DX Contest CW 2011. Once again thank all of you for your participation in this event. In some categories it was an exceptionally close race. But finally we are able to present the checked results. Congratulations go out to all the winners.

For this contest we used a database containing 343,477 QSOs and 328,528 QTCs created by 1175 different entrants. A total of 5,668 callsigns is estimated to have been on the air. 240,731 of all contacts could be cross-checked directly log to log. 101,151 of the contacts could be verified indirectly by tracking active callsigns in the database that have not submitted a log. The remaining 1,595 callsigns represent 'uniques', but are left in the database. Thus, one can say that 99.54% of all contacts could be verified, leaving only a very small amount of doubtful QSOs.

Please join me to thank our WAE DX Contest team Jörg DL8WPX, Michael DL6MHW, Julian DL6OCK and Rob DL7VOA very much for their continuous support.

## Continental Winners

### Africa

Category	Call	Score
SINGLE-OP HIGH	<b>EF8M</b>	3,089,866
SINGLE-OP LOW	<b>3V8SS</b>	1,206,690

### Asia

Category	Call	Score
MULTI-OP	<b>UP5AA</b>	2,483,904
SINGLE-OP HIGH	<b>5B/RV1AW</b>	2,675,910
SINGLE-OP LOW	<b>ZC4LI</b>	1,876,725
SWL	<b>VU2-002SWL</b>	2,820

### Europe

Category	Call	Score
MULTI-OP	<b>DM6V</b>	3,042,942
SINGLE-OP HIGH	<b>IR4X</b>	2,568,800
SINGLE-OP LOW	<b>YT3M</b>	1,816,724
SWL	<b>DE3RHN</b>	505,000

### North America

Category	Call	Score
MULTI-OP	<b>N3RD</b>	2,138,000
SINGLE-OP HIGH	<b>VY2ZM</b>	2,044,845
SINGLE-OP LOW	<b>WA1Z</b>	938,956

### Oceania

Category	Call	Score
MULTI-OP	<b>ZM1A</b>	464,032
SINGLE-OP HIGH	<b>VK4CT</b>	644,465
SINGLE-OP LOW	<b>YB1ALL</b>	409,406
SWL	<b>INS-99</b>	40

### South America

Category	Call	Score
MULTI-OP	<b>PY1NX</b>	2,209,285
SINGLE-OP HIGH	<b>PJ2M</b>	2,261,488
SINGLE-OP LOW	<b>CP6/DF9GR</b>	347,464

# Scores by country

## 3V - Tunisia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	3V8SS	1 585	438	1 170	1 206 690	RRDXA

Operators: 3V8SS: KF5EYV.

## 4J - Azerbaijan

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4K9W	289	96	289	55 488	

## 4O - Montenegro

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4O/YU1EA	103	133	203	40 698	FOX CC
2	4O/YU1IZ	11	17	0	187	

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4O3A	1 316	789	2 447	2 969 007	SKY CC

Operators: 4O3A: E73A, E74IW, E77XZ, 4O3A, YU1EW.

## 4X - Israel

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4Z5TK	976	266	994	524 020	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4X0A	244	126	0	30 744	

Operators: 4X0A: 4X1VF.

## 5B - Cyprus

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5B/RV1AW	2 320	573	2 350	2 675 910	

## 5H - Tanzania

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5H3EE	2 038	465	1 628	1 704 690	RRDXA

## 5N - Nigeria

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5N7M	108	128	64	22 016	

## 9A - Croatia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A3XV	123	121	103	27 346	CRO CC

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A6XX	1 214	595	1 865	1 832 005	WWYC
2	9A5MT	952	525	805	922 425	CRO CC
3	9A1AA	428	408	149	235 416	CRO CC
4	9A2VR	608	359	0	218 272	CRO CC
5	9A6B	223	266	161	102 144	CRO CC
6	9A7R	36	52	18	2 808	CRO CC

Operators: 9A6B: 9A2EU.

## 9K - Kuwait

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9K2HN	159	66	160	21 054	

## 9M2 - West Malaysia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9M2/JE1SCI	81	50	80	8 050	

## A6 - United Arab Emirates

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	A65BB	10	16	0	160	VRHNIKA

Operators: A65BB: S57CQ.

## BV - Taiwan

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BV1EK	105	70	107	14 840	

## BY - China

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BG2AUE	378	132	310	90 816	
2	BH4RQU	160	96	161	30 816	
3	BD3MH	90	106	93	19 398	
4	BA1SN	89	106	40	13 674	
5	BA1GN/8	149	66	0	9 834	
6	BD2OB/7	61	52	67	6 656	
7	BD2BT	49	50	51	5 000	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BD1BVV	405	165	318	119 295	B1ZCLUB

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BD4HF	412	169	442	144 326	

Operators: BD4HF: BD4HF, JE2LPC.

## CE - Chile

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CE3FZ	507	245	480	241 815	

## CM - Cuba

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CO8ZZ	141	116	135	32 016	

## CN - Morocco

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CN8KD	1 157	343	1 000	739 851	

## CP - Bolivia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CP6/DF9GR	682	257	670	347 464	BCC

## CT - Portugal

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CR6K	1 048	626	1 719	1 732 142	

Operators: CR6K: CT1ILT.

## CX - Uruguay

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CX9AU	463	264	481	249 216	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CW5W	1 792	527	1 790	1 887 714	LUCG

DL - Germany

SINGLE-OP LOW

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DL9EE	M11	819	551	1 527	1 292 646	RRDXA
2	DA2A	O32	651	493	1 691	1 154 606	RRDXA
3	DR3W	W37	685	524	1 342	1 062 148	BCC
4	DF1MM	I18	533	433	1 220	759 049	
5	DL13DTH	S07	578	442	1 136	757 588	
6	DL9ABM	H07	369	389	1 031	544 600	
7	DM3ZF	Y28	448	415	844	536 180	
8	DL1DQW	S04	317	367	791	406 636	
9	DL5KUD	Z89	314	336	791	371 280	
10	DL7DZ	I11	303	313	690	310 809	
11	DL17UMK	Y07	309	334	614	308 282	
12	DL3KUD	V01	376	340	500	297 840	
13	DL8DWW	S04	324	317	568	282 764	
14	DL1DSW	S04	461	422	111	241 384	
15	DM3F	S07	354	295	427	230 395	WWYC
16	DK7HA	E02	247	250	519	191 500	
17	DL1RJK	X17	300	287	360	189 420	
18	DK3YD	C12	260	259	434	179 746	BCC
19	DL2RUG	Y09	252	246	365	151 782	
20	DL1SJS	R01	195	209	413	127 072	BCC
21	DL6OZ	E18	350	338	20	125 060	
22	DL5GAC	P09	251	242	252	121 726	BCC
23	DL14YT	S54	269	231	220	112 959	
24	DL2VV	U14	209	252	199	102 816	
25	DA3T		161	175	341	87 850	RRDXA
26	DL15YAS	N34	137	153	414	84 303	
27	DK7FP	L05	137	174	340	82 998	RRDXA
28	DF8XC	N01	150	177	269	74 163	RRDXA
29	DL2NBY		142	139	377	72 141	BCC
30	DF8AE		145	180	254	71 820	RRDXA
31	DM1FG		188	167	242	71 810	
32	DL5ZBA	F15	331	206	0	68 186	RRDXA
33	DL1EAL	R04	155	163	234	63 407	
34	DL6AWJ	X23	221	261	9	60 030	
35	DF3OL	H24	213	255	22	59 925	
36	DK1FT		221	223	44	59 095	BCC
37	DJ3JD	H03	251	223	0	55 973	RRDXA
38	DL1NKS	B24	204	269	0	54 876	BCC
39	DL4UCS	X04	154	174	156	53 940	
40	DJ9HX	P50	207	256	0	52 992	SDXG
41	DM5JBN	S60	211	180	74	51 300	BCC
42	DL8UL	Y24	248	189	0	46 872	
43	DL2SAX	P05	199	223	0	44 377	
44	DL8MAS	T19	214	193	0	41 302	
45	DL5ARM	X33	195	204	0	39 780	
46	DL7VHP	Y34	186	203	0	37 758	
47	DJ1OJ	C25	174	203	10	37 352	BCC
48	DL3HWM	W21	160	173	49	36 157	
49	DL4JU	R09	93	105	245	35 490	RRDXA
50	DF4ZL	F16	160	189	26	35 154	UCC
51	DL7URH	S41	159	156	65	34 944	BCC
52	DL2AJB	X17	89	123	184	33 579	
53	DM5JL	S04	159	199	0	31 641	
54	DF3TE	G46	155	199	0	30 845	
55	DK2CX	C26	160	176	10	29 920	BCC
56	DL8LR	Q18	145	205	0	29 725	RRDXA
57	DJ6RA	U14	124	137	91	29 455	
58	DH1PAL	G46	150	195	0	29 250	
59	DL6ON	Z84	150	191	0	28 650	
60	DL1RTL	Y34	124	184	20	26 496	
61	DL7YS	D06	116	146	65	26 426	SPANDAU
62	DL7YAD		140	186	0	26 040	
63	DL3DQL	S02	160	161	0	25 760	
64	DM2TO	W22	143	176	0	25 168	
65	DL1SFB	P51	164	153	0	25 092	RRDXA
66	DL1DTL	S01	168	142	6	24 708	RRDXA
67	DM2BPG	W33	136	180	0	24 480	
68	DJ3XA	V01	84	94	173	24 158	
69	DL6JAA	Y43	146	140	19	23 100	POAM
70	DF1LX	M15	122	164	17	22 796	BCC
71	DF1HF	E21	117	194	0	22 698	
72	DH2URF		151	140	11	22 680	
73	DG7RO	C06	94	91	155	22 659	BCC
74	DK5IM		109	76	179	21 888	
75	DL5QS		136	156	0	21 216	
76	DJ6FO		131	150	7	20 700	
77	DL2ASB	X09	126	156	0	19 656	
78	DK2TC	G08	131	146	0	19 126	
79	DL3ZAI	F58	129	144	0	18 576	
80	DL5YL	Y21	127	144	0	18 288	RRDXA
81	DL2ZA	U15	114	151	0	17 214	BCC
82	DK9MH	C18	74	62	203	17 174	
83	DK4VY	E20	116	141	0	16 356	RRDXA
84	DF8TM	P50	95	142	19	16 188	
85	DL1THB	V11	123	123	0	15 129	
86	DL8ULF	Y37	106	140	0	14 840	
87	DJ7AT	B20	98	144	4	14 688	BCC
88	DL5CL	Z85	97	146	0	14 162	
89	DF0AS	U15	111	126	0	13 986	BCC
90	DL8EAQ	R29	110	126	0	13 860	RRDXA
91	DJ2AX	X20	106	76	70	13 376	BCC
92	DL5WB	X09	111	118	0	13 098	

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
93	DL1BA		103	126	0	12 978	
94	DK2ZO	P05	58	95	73	12 445	BCC
95	DJ9SN	C01	113	108	0	12 204	
96	DK5M	X24	77	74	86	12 062	RRDXA
97	DL4EBW	R29	67	87	70	11 919	RRDXA
98	DJ1ZU	U14	93	127	0	11 811	
99	DL6RBH	U20	102	108	0	11 016	BCC
100	DL1ARD	X23	85	114	10	10 830	
101	DJ4WM	H40	98	109	0	10 682	
102	DJ5NN	S18	34	62	138	10 664	
103	DL4FF	F05	81	121	0	9 801	
104	DL4AAE	P51	64	65	80	9 360	
105	DL4XU	E02	100	86	0	8 600	
106	DJ6UP	G06	88	97	0	8 536	
107	DL7VRG	D21	73	93	18	8 463	RRDXA
108	DL1RWS	Y10	95	80	0	7 600	
109	DJ3GE	G25	84	88	0	7 392	BCC
110	DL1HSI	W33	77	95	0	7 315	
111	DL1VLJ	S01	67	103	0	6 901	SAXONIA
112	DJ2YE	R09	68	101	0	6 868	RRDXA
113	DL4VQ	Q06	77	78	0	6 006	
114	DJ3XD		47	67	40	5 829	
115	DC9MA	C13	78	73	0	5 694	BCC
116	DL1SVA	V04	58	78	10	5 304	
117	DL4FDM	F02	49	75	20	5 175	HSC
118	DL8ZAJ	F09	57	89	0	5 073	RRDXA
119	DL6RAI	U08	30	55	62	5 060	BCC
120	DL8AWK	X31	75	66	0	4 950	
121	DL9NEI	C26	57	83	0	4 731	BCC
122	DF8UO	A17	51	91	0	4 641	
123	DK0MN	C12	35	51	53	4 488	BCC
124	DL5HF	Z27	60	71	0	4 260	
125	DK3WE		53	77	0	4 081	BCC
126	DK1IZ	M05	59	68	0	4 012	
127	DL7UXG	D21	57	66	0	3 762	
128	DD3WW	X36	50	74	0	3 700	
129	DL8CX	S62	41	81	0	3 321	
130	DF5MA	C26	52	63	0	3 276	BCC
131	DL5SWB	V14	51	56	0	2 856	
132	DK2BJ		46	62	0	2 852	RRDXA
133	DL4ALI	X17	57	49	0	2 793	
134	DJ3CS	X04	43	64	0	2 752	
135	DK4CU	O12	48	54	0	2 688	
136	DO1AYJ	X22	44	54	0	2 376	
137	DL0NM	U10	51	46	0	2 346	BCC
138	DL6OZ	H24	23	40	34	2 280	
139	DL0U	U15	40	56	0	2 240	BCC
140	DL4HRM	W35	50	44	0	2 200	
141	DL3AWI	X06	33	51	10	2 193	
142	DJ5IW		39	54	0	2 106	BCC
143	DL5MEL	T21	35	48	0	1 680	
144	DK5ZK		29	42	0	1 638	
145	DK4WF	S29	31	52	0	1 612	
146	DL4DG	O38	39	40	0	1 560	
147	DK1AX	P61	32	44	0	1 408	BCC
148	DO1MGN	X37	32	44	0	1 408	
149	DH0JAE	Y28	25	47	0	1 175	
150	DL5ANS/P	X23	27	42	0	1 134	
151	DH0GHU	C07	33	34	0	1 122	BCC
152	DH6YMC	N41	28	38	0	1 064	
153	DJ8RX	C13	28	38	0	1 064	BCC
154	DL9ZWG	W37	29	35	0	1 015	BCC
155	DF2OK	H23	23	40	0	920	
156	DM4TI	X06	23	39	0	897	
157	DL0RD	L16	21	28	0	588	
158	DL7ET	R24	18	29	0	522	
159	DK8RE	Y43	11	21	10	441	
160	DK1LRS	Z28	16	14	0	224	RRDXA
161	DL8DXL	S22	12	18	0	216	RRDXA
162	DL2MJ		9	21	0	189	
163	DK3PM	V02	9	18	0	162	
164	DL0SP	D06	7	17	0	119	SPANDAU
165	DK2WU	U14	8	14	0	112	
166	DL1RNN	H24	5	9	0	45	
167	DK4EF	F68	2	4	0	8	

Operators: DA2A: DK5DQ, DA3T: DL8DXL, DF0AS: DF3RL, DK0MN: DK3YD, DK5M: DLSAJ, DL0NM: DL3RAH, DL0RD: DF6JF, DL0SP: DL7YS, DL0U: DF7RT, DM3F: DHSFS, DR3W: DL6MHW.

SINGLE-OP HIGH

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DL8DYL	S01	1 038	641	2 033	1 968 511	BCC
2	DL7ON	D04	885	622	1 931	1 751 552	BCC
3	DK4YJ	C12	1 074	634	1 684	1 748 572	BCC
4	DC4A	B06	913	632	1 846	1 743 688	BCC
5	DF9JL	M15	956	619	1 713	1 652 111	BCC
6	DL5YYM	S37	900	575	1 808	1 557 100	BCC
7	DL5KUT	V08	605	429	890	641 355	BCC
8	DL8WX	K24	472	464	885	629 648	BCC
9	DAOI	I08	538	430	751	554 270	BCC
10	DL1DVE	S21	364	421	680	439 524	BCC
11	DK4WW	Y24	447	425	495	400 350	BCC
12	DJ8EW	C25	486	343	578	364 952	BCC

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
13	DJ9DZ	N06	618	422	214	351 104	BCC
14	DL4ME	X30	316	344	704	350 880	RRDXA
15	DF9ZP	F27	517	310	4		

**EA - Spain**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA5DKU	145	178	0	25 810	
2	EB2RA	51	83	0	4 233	AMIGOS
3	EA7CWA	22	28	0	616	
4	EA3FHP	2	4	0	8	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA3KU	792	512	877	854 528	
2	EA5FID	534	392	934	575 456	LYNX
3	EA4KD	705	476	152	407 932	
4	EA1WX	196	201	176	74 772	
5	EF1A	123	100	287	41 000	
6	EA5DFV	108	134	0	14 472	
7	EA4DUT	9	18	0	162	
8	EA3CEC	8	16	0	128	

Operators: EF1A: EA1XT.

**EA6 - Balearic Islands**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA6ZS	138	139	0	19 182	

**EA8 - Canary Islands**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA8BEX	674	290	683	393 530	
2	EA8BQM	545	264	555	290 400	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EF8M	2 575	598	2 592	3 089 866	

Operators: EF8M: RD3A.

**EI - Ireland**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EI7GY	98	152	0	14 896	
2	EI7CC	100	80	0	8 000	

**EK - Armenia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EK4A	172	60	106	16 680	

**ER - Moldova**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ER3DX	107	188	0	20 116	BSCC
2	ER5DX	66	98	0	6 468	IZMAIL
3	ER3ZZ	16	26	0	416	BSCC

**ES - Estonia**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ES5RR	1 270	686	1 230	1 715 000	
2	ES4RX	175	225	2	39 825	RCC

**EU - Belarus**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EW1IP	289	328	500	258 792	BRCC
2	EW6AF	197	184	0	36 248	
3	EU4AA	91	102	152	24 786	BRCC
4	EU6AA	126	154	17	22 022	
5	EW8OW	119	136	0	16 184	KDR
6	EW6GF	132	115	0	15 180	
7	EW1BA	81	103	0	8 343	
8	EW8OF	65	64	0	4 160	
9	EW2EG	14	16	10	384	
10	EW7DK	4	6	0	24	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EV1R	485	438	786	556 698	BRCC

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
2	EU5M	411	397	0	163 167	BRCC
3	EW8OM	200	227	312	116 224	
4	EW8DJ	126	198	0	24 948	
5	EW8DX	27	24	0	648	BRCC

Operators: EU5M: EW7BR.

**F - France**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	F5PAL	192	160	0	30 720	
2	F8DZY	8	23	0	184	
3	F/DF7JC/P	3	6	0	18	RRDXA

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	F5KEQ	277	271	105	103 522	
2	F5CQ	224	344	0	77 056	LNDX
3	F5JSD	179	144	309	70 272	CLIP DXC
4	F8CRS	100	113	0	11 300	

Operators: F5KEQ: F5MYK.

**FM - Martinique**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	FM5CD	1 666	395	1 529	1 262 025	CLIP DXC

**G - England**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	M6W	397	352	237	223 168	CDCX
2	G3RSD	164	179	271	77 865	
3	G4DBW	150	138	178	45 264	
4	G3VDB	186	144	0	26 784	
5	M0RYB	56	74	18	5 476	NORFOLK
6	M6ZSE	27	44	0	1 188	
7	G6CSY	22	33	0	726	
8	G0MTN	20	26	0	520	

Operators: M6W: G0DEZ.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	G3GLL	126	152	0	19 152	
2	G0VQR	48	46	0	2 208	
3	G3TXF	12	20	0	240	

**GD - Isle of Man**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	MD0CCE	540	275	0	148 500	CDCX

**GM - Scotland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GM4WZG	140	201	0	28 140	

**GW - Wales**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GW0ETF	454	338	255	239 642	

**HA - Hungary**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HA3LI	259	251	639	225 398	BRDXC
2	HG8C	194	180	435	113 220	HADXC
3	HASNRP	158	219	162	70 080	
4	HASSE	282	186	0	52 452	HAROS RC
5	HASLZ	109	119	162	32 249	

Operators: HG8C: HABEK.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HA3OU	311	350	908	426 650	
2	HA8VV	248	351	0	87 048	BCC

Operators: HA8VV: DH8VV.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HG1S	1 106	599	2 084	1 910 810	HADXC

Operators: HG1S: HA1TJ, HA1DAC, HA1DAI, HA1DAE.

**HB - Switzerland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HB9ARF	226	206	49	56 650	
2	HB9ELD	8	10	0	80	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HB9EHJ	251	220	0	55 220	
2	HB9CVQ	157	109	0	17 113	RRDXA

**HB0 - Liechtenstein**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HB0/DJ9CB	393	270	0	106 110	RRDXA

**HK - Colombia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HK3Q	69	88	75	12 672	

**HL - South Korea**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GK2DIO	86	89	68	13 706	
2	HLSYI	43	48	38	3 888	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	6M0HZ	462	201	403	173 865	

Operators: 6M0HZ: DS2AGH, WX8C, KU1CW, VO1AU.

**HS - Thailand**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	E21YDP	184	167	81	44 255	SIAMDXG

**HZ - Saudi Arabia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	7Z1SJ	1 103	322	1 126	717 738	
2	7Z1HL	817	231	834	381 381	

**I - Italy**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	I0ZUT	268	224	339	135 968	PERUGIA
2	IK0XB	245	326	150	128 770	PERUGIA
3	IK8TEO	321	224	0	71 904	
4	I2ZGRG	220	180	169	70 020	
5	I24DYX	184	140	0	25 760	
6	IK2A0O	104	130	0	13 520	BREMBANA

MULTI-OP						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IR2C	1 223 728	2 046	2 379	832	

Operators: IR2C: IK2IUB, IK2PFL.

IT9 - Sicily

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IT9VDQ	208	118	0	24 544	ARIPADX

JAO - Japan Call Area 0

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA0UMV	589	212	640	260 548	

JA1 - Japan Call Area 1

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JM1NKT	372	159	369	117 819	
2	JA1CP	38	46	36	3 404	
3	JO1WIZ	21	26	15	936	
4	JE1RRK	29	26	0	754	
5	JF1KVG	17	22	0	374	
6	JS1IFK	11	14	0	154	

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JR1AIB	1 383 276	1 400	768 108		
2	JG1VYX	1 092 210	1 140	468 720		
3	JO1WKO	326	134	340	89 244	
4	JR1GJP	60	85	60	10 200	
5	JP1SRG	19	34	17	1 224	
6	JH1HNC	12	12	0	144	
7	JL1LNC	8	14	0	112	

Operators: JR1AIB: JH5GHM.

SWL						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA1POS	4	12	0	48	

JA2 - Japan Call Area 2

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA2CUS	156	122	156	38 064	
2	JA2AXB	57	50	65	6 100	
3	JK2VOC	35	43	30	2 795	
4	JR2AAN/2	3	6	0	18	

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JR2ECF	254	154	251	77 770	

MULTI-OP						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JF2IWL	169	94	206	35 250	

Operators: JF2IWL: JF2IWL, 7K1NUY.

JA3 - Japan Call Area 3

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JF3NKA	533	186	509	193 812	
2	JA3PYC	49	79	48	7 663	
3	JG3EHD	11	16	0	176	
4	JF3SAD	7	10	0	70	

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JH3PRR	1 498 327	1 457	966 285		ZEN

JA4 - Japan Call Area 4

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JE4MHL	420	188	390	152 280	

JA6 - Japan Call Area 6

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA6BZI	627	231	631	290 598	
2	JA6BWH	73	76	0	5 548	

JA7 - Japan Call Area 7

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA7ZP	43	69	0	2 967	

K0 - United States Call Area 0

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KOKX	246	183	249	90 585	MNWA
2	K0AD	161	107	166	34 989	MNWA
3	K0VBU	112	96	103	20 640	KDCXC

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NONI	597	252	610	304 164	IADXCC
2	K0FX	235	162	253	79 056	GMC CO
3	K0KT	177	163	183	58 680	IADXCC
4	K4IU	99	96	95	18 624	MNWA
5	K0AP	17	30	0	510	KDCXC

K1 - United States Call Area 1

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WA1Z	1 224 382	1 234	938 956		YCCC
2	K1XM	1 127 337	1 144	765 327		YCCC
3	W1MAT	336	243	338	163 782	YCCC
4	NBIN	214	191	216	82 130	AARC
5	W1TO	202	137	202	55 348	YCCC
6	KA1IOR	122	124	0	15 128	YCCC
7	N1API	127	92	0	11 684	YCCC
8	AE1T	65	56	66	7 336	YCCC
9	N1NN	50	68	0	3 400	
10	AB1OD	36	61	0	2 196	

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K8PO	2 028 486	2 030	1 972 188		YCCC
2	K1LZ	1 992 476	1 994	1 897 336		
3	K1MK	1 459 437	1 436	1 265 115		
4	K1MI	1 164 351	1 158	815 022		PVRC
5	KSZD	921	389	932	720 817	YCCC
6	K1GQ	770	317	751	482 157	YCCC
7	K1RM	602	235	589	279 885	YCCC
8	W1EQ	355	159	366	114 639	YCCC
9	N1KWF	337	157	352	108 173	YCCC
10	K1TH	214	180	216	77 400	YCCC

Operators: K1MI: N4CW.

K2 - United States Call Area 2

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WA2MCR	153	148	168	47 508	HVCDX
2	NC2N	151	143	151	43 186	YCCC
3	WA2JQK	172	188	0	32 336	HVCDX
4	KA2D	119	101	120	24 139	OBONY
5	N2CG	96	109	74	18 530	
6	WO2N	138	64	143	17 984	
7	K2MFY	101	66	98	13 134	YCCC
8	N2UU	96	99	9	10 395	
9	NW2K	76	88	0	6 688	RNYDXA
10	K2JF	7	8	0	56	

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N2MM	1 341 428	1 389	1 168 440		FRC
2	W6XR	455	250	468	230 750	FRC
3	K2QMF	396	258	390	202 788	OBONY
4	W2LK	461	179	468	166 291	OBONY
5	W1GD	289	231	290	133 749	FRC
6	KR2AA	334	185	340	124 690	
7	N2ED	379	130	400	101 270	FRC
8	N2NC	269	179	264	95 407	FRC
9	W2LE	237	128	238	60 800	FRC
10	W2OX	127	135	150	37 395	FRC
11	WS9M	157	78	157	24 492	
12	K2NV	105	91	103	18 928	WNYDXA
13	K2MK	62	42	62	5 208	
14	N2ZN	45	38	47	3 496	RNYDXA

K3 - United States Call Area 3

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KB3LX	244	210	250	103 740	AVRA
2	K3IT	206	193	209	80 095	
3	NK3Y	280	196	0	54 880	FRC
4	N3QE	163	165	169	54 780	
5	K3STX	160	153	150	47 430	PVRC
6	W4EE	239	193	0	46 127	PVRC
7	ND3D	157	134	163	42 880	PVRC
8	K3AU	116	130	124	31 200	PVRC
9	KA3QLF	62	78	60	9 516	
10	KE3X	93	78	0	7 254	PVRC
11	W35FG	50	63	50	6 300	

Operators: K3AU: KZYWE.

SINGLE-OP HIGH						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AA3B	1 803 451	1 816	1 632 169		FRC
2	K3WW	1 011 367	1 045	754 552		FRC
3	N1WR	807	317	817	514 808	PVRC
4	W3FV	746	260	731	384 020	FRC
5	KQ3F	692	263	688	362 940	FRC
6	K3MD	742	238	769	359 618	FRC
7	K3NK	483	285	483	275 310	
8	NA3M	170	175	171	59 675	PVRC
9	WA3AAN	126	123	129	31 365	
10	NB3R	130	126	0	16 380	DELARC
11	K3YG	4	12	0	48	

MULTI-OP						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N3RD	2 126 500	2 150	2 138 000		FRC
2	WX3B	1 682 448	1 693	1 512 000		PVRC

Operators: N3RD: N3RD, N3RS. WX3B: WX3B, K3WI.

K4 - United States Call Area 4

SINGLE-OP LOW						
Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K7SV	503	254	488	251 714	PVRC
2	K9OM	483	230	493	224 480	FLCG
3	N2WN	403	221	410	179 673	TNCG
4	W0PV	274	234	267	126 594	NAQRO
5	K4LTA	346	170	385	124 270	TNCG
6	N4PSE	234	172	235	80 668	
7	W4GDG	209	177	216	75 225	PVRC
8	K4FTO	161	159	160	51 039	PVRC
9	WF77/4	107	128	102	26 752	TNCG
10	W3TMZ	102	117	111	24 921	FLCG
11	AF4RK	109	101	108	21 917	DADE RC
12	K4HQK	140	148	0	20 720	
13	K3TW	71	94	71	13 348	

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NY4A	1923	480	1893	1831 680	PVRC

Operators: NY4A: AA4FU, N4AF.

K5 - United States Call Area 5

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WSRYA	331	184	346	124 568	NTXCC
2	NSAW	300	196	310	119 560	CTDXCC
3	KSKLA	199	154	0	30 646	
4	NSKWN	185	132	0	24 420	
5	K5LH	149	136	0	20 264	HTX DXS
6	N5RZ	98	84	97	16 380	
7	NM5M	43	55	40	4 565	DFW CG
8	AA5JG	43	57	0	2 451	
9	W4JHC	11	18	0	198	
10	N5PU	6	12	0	72	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NSXZ	523	230	561	249 320	CTDXCC
2	NSZK	325	213	335	140 580	CTDXCC
3	K7IA	328	175	337	116 375	
4	K5PI	107	86	110	18 662	CTDXCC
5	AA5AU	34	63	33	4 221	LOU CC

Operators: NSZK: W5ASP.

K6 - United States Call Area 6

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WN6K	102	92	108	19 320	SCCC
2	K6AAB	104	86	110	18 404	NCCC
3	NN6CH	56	72	0	4 032	
4	K6III	24	18	0	432	NCCC
5	K6CSL	7	12	0	84	NCCC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KE1B	177	80	179	28 480	NCCC
2	KM6I	54	48	0	2 592	NCCC
3	K6GEP	23	24	20	1 032	SCCC

K7 - United States Call Area 7

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N7NM	69	66	0	4 554	
2	K7BX	21	22	23	968	
3	N7VEA	6	10	0	60	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N6MA	349	206	361	146 260	NAZDXA
2	K8IA	292	192	318	117 120	AOCC
3	W7CT	195	149	200	58 855	UT CC
4	N6TW	142	113	144	32 318	WVDXC
5	W7VJ	213	66	221	28 644	BCC
6	W7ZRC	44	44	43	3 828	

K8 - United States Call Area 8

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W1NN/8	567	267	568	303 045	MRRC
2	K8BL	243	209	0	50 787	NORTH CC
3	AA8IA	65	66	57	8 052	MRRC
4	W8WTS	7	15	0	105	NORTH CC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K1LT	593	305	606	365 695	MRRC
2	N9AUG	399	228	416	185 820	DELARA
3	K8MM	329	150	338	100 050	MRRC
4	AD8P	212	152	216	65 056	
5	W8OHT	74	78	78	11 856	PVRC

K9 - United States Call Area 9

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K9QVB/9	308	164	310	101 352	SMC
2	W9QA/9	189	106	111	31 800	MDXC
3	W9VQ	40	38	0	1 520	SMC

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
4	W9ZRK	25	42	0	1 050	SMC
5	N9NA	24	28	0	672	AOCC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W9IU	950	266	985	514 710	SMC
2	W9RE	687	307	699	425 502	SMC
3	AB9H	404	189	418	155 358	SMC
4	W3HHD	118	128	119	30 336	SMC
5	N2BJ	166	144	0	23 904	SMC
6	KG9N	125	118	64	22 302	SMC
7	K1TN	96	80	0	7 680	
8	W19WI	41	41	37	3 198	

KH6 - Hawaii

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KH7X	886	175	795	294 175	

Operators: KH7X: KH6ND, OE6MBG.

KL - Alaska

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AL9A	123	72	114	17 064	

KP2 - U.S. Virgin Islands

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NP2/N2TTA	373	202	423	160 792	
2	KP2B	72	83	0	5 976	STX CC

Operators: KP2B: WP3A.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NP2X	354	225	355	159 525	FLCG

Operators: NP2X: K9VV/KP2.

KP4 - Puerto Rico

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KP4JRS	1	2	0	2	

LA - Norway

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA2HFA	177	189	0	33 453	
2	LA7SI	47	44	0	2 068	

LU - Argentina

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LU5FR	515	209	504	212 971	LUCG
2	LU8QT	417	186	445	160 332	LUCG
3	L33M	214	133	212	56 658	LUCG
4	LU7HZ	178	143	195	53 339	LUCG
5	L73D	122	98	123	24 010	
6	LW3DG	95	82	0	7 790	
7	LU4MHQ	65	56	60	7 000	GACW

Operators: L33M: LU3MAM. L73D: LW6DW.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LO2F	1 573	455	1 415	1 359 540	LUCG
2	LU3DAT	302	164	310	100 368	GACW

Operators: LO2F: LU1FAM.

LX - Luxembourg

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LX7I	1 350	734	1 963	2 431 742	RRDXA

Operators: LX7I: DF9TS, DL1EKC, DL1MGB, LX2A.

LY - Lithuania

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LY6A	651	523	1 587	1 170 474	KTU RC
2	LY2FN	346	329	915	414 869	VYTAUTAS
3	LY4T	209	211	34	51 273	KTU RC
4	LY4BF	60	53	0	3 180	
5	LY2LF	33	34	0	1 122	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LY5W	633	529	1 259	1 000 868	VYTAUTAS
2	LY2J	427	403	0	172 081	KTU RC
3	LY1CT	214	239	10	53 536	

LZ - Bulgaria

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ8E	860	587	1 615	1 452 825	
2	LZ9A	453	412	442	368 740	LZ CT
3	LZ1QV	292	323	429	232 883	
4	LZ2PS	348	311	0	108 228	
5	LZ1DNY	199	248	232	106 888	
6	LZ5XQ	265	306	0	81 090	
7	LZ1OJ	221	204	0	45 084	TRC
8	LZ7H	127	150	94	33 150	
9	LZ1IKY	95	109	0	10 355	
10	LZ1FJ	82	107	0	8 774	
11	LZ1GE	79	75	0	5 925	
12	LZ3ZZ	12	18	30	756	TRACIAN

Operators: LZ8E: LZ2BE. LZ9A: LZ2HM.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ1QN	78	74	10	6 512	

OE - Austria

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE3GCU	172	162	0	27 864	ACC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE3KAB/P	240	205	51	59 655	ACC
2	OE8Q	242	180	20	47 160	

OH - Finland

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH5TS	131	203	32	33 089	CCF
2	OH2BF/1	26	36	0	936	
3	OH8VQ	17	31	0	527	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH8X	924	545	1 602	1 376 670	CCF
2	OG6N	334	315	0	105 210	CCF
3	OH6MW	247	299	0	73 853	
4	OH1B	80	101	0	8 080	CCF
5	OH1F	26	39	0	1 014	CCF
6	OH2BBT	24	36	0	864	
7	OH2KI	20	34	0	680	
8	OH2BN	17	30	0	510	

Operators: OH1B: OH1BOI. OH1F: OH1NOA. OH8X: OH6UM.

OH0 - Aland Islands

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH0/WS4T	113	129	18	16 899	

OK - Czech Republic

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK1HX	465	375	988	544 875	</

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
8	OK5SA	134	174	0	23 316	
9	OK1MKU	120	188	0	22 560	
10	OK6DJ	109	84	0	9 156	
11	OK3MO	93	77	0	7 161	
12	OK2SWD	63	58	0	3 654	
13	OK2PF	51	70	0	3 570	
14	OK1DUB	30	50	0	1 500	

Operators: OK3C: OK2ZC.

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OL5Y	362	365	825	433 255	
2	OK1VD	159	142	91	35 500	
3	OK2ABU	192	182	0	34 944	
4	OK1FRO	165	140	60	31 500	
5	OK8DD	55	116	0	6 380	

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK5SWL	28	34	0	952	

Operators: OK5SWL: OK2SWD.

#### SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK2-9329	186	231	119	70 455	

#### OM - Slovakia

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OM3GI	656	563	1 006	935 706	
2	OM8ON	305	333	394	232 767	
3	OM7AX	176	190	0	33 440	
4	OM3BA	76	80	0	6 080	

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OM2VL	1 152	722	1 890	2 196 324	
2	OM4J	165	183	0	30 195	
3	OM0WR	107	121	0	12 947	

Operators: OM4J: OM4JD.

#### ON - Belgium

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OR2F	185	132	551	97 152	
2	ON3ND	191	167	86	46 259	
3	ON4VMA	95	169	33	21 632	OSB
4	ON5WL	145	144	0	20 880	

Operators: OR2F: ON8LDS.

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OQ5M	1 017	549	1 635	1 455 948	RRDXA
2	OP4K	812	443	428	549 320	ANTWERP

Operators: OQ5M: ON5ZO.

#### OY - Faroe Islands

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OY4M	25	36	0	900	

#### OZ - Denmark

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OZ7BQ	248	248	196	110 112	DDXG
2	OZ/DJ1XT	92	98	16	10 584	
3	OZ6TL	105	92	0	9 660	DDXG
4	OZ5RM	47	60	0	2 820	
5	OZ1DGQ	40	44	0	1 760	

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OZ8SW	218	247	289	125 229	
2	OZ7EA	128	127	319	56 769	
3	OZ1ADL	212	261	0	55 332	BCC
4	OZ1IKY	154	213	0	32 802	

#### PA - Aruba

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA3JB	268	248	267	132 680	BCC

#### PA - Netherlands

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA0O	431	385	92	201 355	
2	PA3GCV	205	201	0	41 205	BCC
3	PA2PCH	170	147	27	28 959	
4	PA3CVI	164	164	0	26 896	
5	PA3EYV	149	179	0	26 671	
6	PA3DBS	118	120	0	14 160	
7	PG2AA	139	86	0	11 954	
8	PA0RBA	95	124	0	11 780	
9	PA0CYW	99	108	0	10 692	
10	PA3GDD	88	109	0	9 592	
11	PA5GU	85	94	0	7 990	
12	PA0QRB	89	86	0	7 654	
13	PD5T	96	72	0	6 912	
14	PD7BZ	98	70	0	6 860	
15	PA3HCC	71	78	0	5 538	
16	PE2K	63	74	0	4 662	
17	PA0WLB	52	67	0	3 484	
18	PG7V	43	63	10	3 339	RRDXA
19	PA2REH	52	58	0	3 016	
20	PA3DRL	48	58	0	2 784	
21	PA0JED	52	40	0	2 080	RRDXA
22	PA0FEI	33	56	0	1 848	
23	PA3HGF	28	38	0	1 064	

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA3AAV	392	289	70	133 518	BEEMSTER
2	PA30LOU	308	314	0	96 712	
3	PA0JNH	150	185	42	35 520	
4	PA3S	243	106	67	32 860	
5	PA3GVI	190	150	0	28 500	
6	PA5TT	150	108	0	16 200	
7	PI4TUE	68	42	0	2 856	BCC
8	PC3H	43	42	0	1 806	
9	PA5KT	24	44	0	1 056	

Operators: PA30LOU: PA0LOU. PI4TUE: PC5A.

#### SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VERON34689	61	118	0	7 198	

#### PJ2 - Curacao

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PJ2M	2 094	562	1 930	2 261 488	PVRC

Operators: PJ2M: KD4D.

#### PY1 - Brazil Call Area 1

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PP1CZ	488	197	517	197 985	ARAUCARI

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY1NX	2 057	533	2 088	2 209 285	RIO DXG

Operators: PY1NX: PY1NB, PY2SEX, PY1NX.

#### PY2 - Brazil Call Area 2

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY2NY	561	282	568	318 378	ARAUCARI
2	PY2TI	45	40	40	3 400	ARAUCARI
3	PY2XC	42	34	0	1 428	CANT DXG
4	PY2PT	10	24	0	240	SPCG

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY2MTV	373	202	431	162 408	ARAUCARI
2	PY2KJ	115	108	90	22 140	ARAUCARI

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PT2CM	1 632	468	1 641	1 531 764	SPCG

Operators: PT2CM: PY2BK, PY2EX, PY2WB.

#### PY3 - Brazil Call Area 3

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY3OZ	280	152	274	84 208	USRA

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY3AU	146	125	146	36 500	

#### PY4 - Brazil Call Area 4

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY4FQ	460	253	462	233 266	RIO DXG
2	PY4ZO	147	104	0	15 288	RC72

#### PY5 - Brazil Call Area 5

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY5AAD	7	12	0	84	ARAUCARI

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PP5JY	84	74	0	6 216	

#### PY7 - Brazil Call Area 7

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PR7AB	57	61	50	6 527	GUARA

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PS7DX	375	212	384	160 908	CWJF
2	PY7ZY	152	98	142	28 812	

#### PY8 - Brazil Call Area 8

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PV8AA	577	315	588	366 975	GUARA
2	PV8ADI	218	147	271	71 883	ARAUCARI
3	PV8DX	115	102	114	23 358	GUARA
4	PV8ABC	52	90	0	4 680	CWJF

#### S5 - Slovenia

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S57DX	708	536	1 751	1 318 024	VRHNIKA
2	S57U	308	319	0	98 252	SCC
3	S57NL	130	128	218	44 544	TOLMIN
4	S58MU	45	56	115	8 960	SCC
5	S59T	35	48	0	1 680	VRHNIKA
6	S59D	24	46	0	1 104	SCC
7	S52WW	13	20	0	260	VRHNIKA

##### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S50A	1 115	705	1 781	2 041 680	SCC
2	S59ABC	1 053	669	1 924	1 991 613	SCC
3	S53MM	1 201	646	1 798	1 937 354	
4	S51Z	1 065	568	1 251	1 315 488	SCC
5	S56A	760	546	224	537 264	MPMC
6	S58Q	243	186	428	124 806	SCC
7	S53M	202	154	94	45 584	SCC
8	S51DX	131	133	0	17 423	VRHNIKA

#### SM - Sweden

##### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SC3N	243	283	224	132 161	
2	SA6G	290	339	0	98 310	
3	SM6FKF	280	247	0	69 160	SK6HD
4	SM4DQE	204	212	0	43 248	SK4DM
5	SM0A	139	135	65	27 540	SK0QO
6	SF3A	136	167	0	22 712	TOEC
7	SJ5Y	117	124	0	14 508	



Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
8	SF5D	91	121	0	11 011	
9	SM5ACQ	77	72	0	5 544	SK5AA
10	SM5DXR	49	46	0	2 254	VASTERAS
11	SM7CIL	30	44	10	1 760	
12	SM7ATL	33	44	0	1 452	TOEC
13	SM6WZH	17	22	0	374	SK6DW

Operators: SF3A: SM3CER, SF5D: SM0DSF, S15Y: SM5BKK, SM0A: SM0AIG.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SK2T	631	464	923	721 056	
2	SJ0X	510	467	591	514 167	ARAUCARI
3	SA1A	202	180	323	94 500	SK6WW
4	SE6Y	258	274	0	70 692	SK6AW
5	SM6NOC	222	266	0	59 052	SK6HD
6	SM5CCE	140	125	0	17 500	
7	SM5BMB	114	114	0	12 996	
8	SM6AHU	25	28	0	700	SK6LK

Operators: SA1A: SM1TDE, SE6Y: SM6DED, SJ0X: PY2ZXU, SK2T: SM2LIY.

**SP - Poland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP6QJE	371	347	788	402 173	
2	SP1AEN	287	251	532	205 569	SPDXC
3	SP5CNA	442	416	0	183 872	
4	SP5EOT	287	314	271	175 212	SPDXC
5	SP7LIE	201	251	201	100 902	None
6	SP6LV	225	217	0	48 825	SPDXC
7	SP8CGU	194	192	9	38 976	
8	SP8HXN	155	215	0	33 325	SPDXC
9	SP2FAP	201	148	0	29 748	SPCC
10	SP2DKI	131	171	0	22 401	
11	SP5BMU	102	135	0	13 770	
12	SP9FT	118	108	0	12 744	
13	SP3DOF	73	126	0	9 198	SPDXC
14	SP9MDY	58	72	0	4 176	SPCC
15	SP6IHE	53	76	0	4 028	SPDXC
16	SP4AVG	53	52	0	2 756	SPDXC
17	SQ9FMU	39	48	0	1 872	SPDXC
18	SQ9JKS	27	32	0	864	WWYC
19	SQ6LJV	11	18	0	198	
20	SP6IEQ/6	5	9	0	45	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SN7Q	1 146	672	1 768	1 958 208	
2	SP4Z	809	524	1 113	1 007 128	
3	SP2LNW	538	479	564	527 858	SPCC
4	SN3C	488	378	595	409 374	
5	SP1NY	282	287	449	209 797	SPDXC
6	SP3GTS	283	307	205	149 816	
7	SP5GH	70	222	0	15 540	
8	SN6A	123	109	0	13 407	SPCC
9	SQ7B	109	119	0	12 971	SPCC
10	SP7IIT	60	106	0	6 360	SPDXC

Operators: SN3C: SP3ASN, SN6A: SP6CES.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP0CFF	31	50	0	1 550	SPCC

**SV - Greece**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SV1BJW	318	305	483	244 305	
2	J43J	279	310	0	86 490	SDXG

Operators: J43J: DJ5IH.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SV1RP/2	635	357	969	572 628	RRDXA
2	SV1JGX	276	228	17	66 804	

**T7 - San Marino**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	T70A	981	611	1 332	1 413 243	

Operators: T70A: IZWIJ.

**TA - Asiatic Turkey**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA2/DL2JRM	1 435	441	1 390	1 245 825	BCC
2	TA3X	701	292	720	414 932	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TC2X	2 249	540	2 269	2 439 720	CCF

Operators: TC2X: OH2PM.

**TF - Iceland**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TF3SG	16	47	0	752	

**TK - Corsica**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TK/DL2RMC	198	205	230	87 740	BCC

**UA - European Russia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RM5D	617	496	1 002	803 024	
2	RO3DX	484	420	740	514 080	
3	R25A	331	363	620	345 213	RCC
4	UA5F	360	375	211	214 125	
5	RG5A	237	269	468	189 645	
6	RV3ZN	224	281	361	164 385	
7	RV6LCI	197	250	405	150 500	
8	RU4SO	284	232	186	109 040	
9	UA4FEN	129	171	207	57 456	
10	RA1QD	126	168	172	50 064	
11	UA1CEC	92	115	297	44 735	ATCC
12	UA7G	181	197	0	35 657	SSR
13	RM2T	172	190	0	32 680	
14	RM2M	193	126	0	24 318	
15	RN6MA	138	173	0	23 874	RCWC
16	RX6AKA	154	152	0	23 408	
17	R6CW	114	195	0	22 230	SARC
18	RW1CX	103	109	98	21 909	ATCC
19	UA6HFI	116	116	19	15 660	RCWC
20	RW1AI	106	144	0	15 264	ALRS SP
21	RN45C	126	116	0	14 616	
22	RW4CLF	39	81	133	13 932	RCC
23	RW3AI	105	122	0	12 810	
24	UAANE	120	88	0	10 560	
25	RA3BQ/3	99	97	0	9 603	
26	RA3ATE	94	102	0	9 588	MOSCOW
27	R1AUR	77	118	0	9 086	
28	R4WT	86	105	0	9 030	
29	RV3MR	74	95	0	7 030	
30	RA3XEV	59	42	71	5 460	OBNINSK
31	RW3VM	49	111	0	5 439	
32	RW4F	66	73	0	4 818	
33	RX6LOL	57	77	0	4 389	RCC
34	RQ5D	64	68	0	4 352	DOMODEDO
35	RL3DV	62	69	0	4 278	
36	RX3MM	48	72	0	3 456	
37	RW3DY	49	66	0	3 234	
38	R7AO	28	18	132	2 880	RCC
39	RA3IS	35	71	0	2 485	CLUB22
40	UA4QK	37	56	0	2 072	
41	RA3VE/3	43	46	0	1 978	
42	RN3ADV	37	48	0	1 776	
43	RT5R	31	55	0	1 705	
44	RQ7M	33	36	0	1 188	
45	RU4LM	3	6	0	18	RCC

Operators: RQ5D: RX3F.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RL3A	988	638	1 873	1 825 318	
2	R7LV	636	538	1 127	948 494	UCC
3	R3CM	594	444	1 461	912 420	
4	RG3K	622	459	1 226	848 232	RCC
5	RA4LW	661	477	671	635 364	UCC
6	RK3ER	491	378	613	417 312	OREL
7	UA4PN	323	370	696	377 030	
8	RA3NC	329	362	0	119 098	ARKTIKA
9	UA6AA	212	261	235	116 667	SHAKAN
10	RA3TT	143	135	249	52 920	
11	UA6G	151	149	156	45 743	STAVCC
12	RV6ASU/P	169	229	23	43 968	SHAKAN

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
13	R3OM	181	219	0	39 639	
14	RT4W	163	193	0	31 459	
15	RX1AG/6	130	155	0	20 150	
16	RK6AQM	108	118	60	19 824	
17	RA6YDX	103	107	0	11 021	SHAKAN
18	RJ4F	102	56	0	5 712	RAF DXG
19	RM5P	55	72	0	3 960	
20	RN7A	69	40	0	2 760	BSCC
21	RZ6FA	22	54	0	1 188	
22	UA4NC	27	42	0	1 134	RCC
23	RU4F	17	38	0	646	RAF DXG

Operators: RL3A: RL3FT.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RU1A	1 258	745	2 456	2 766 930	RCC
2	RZ6HWA	395	375	552	355 125	

Operators: RU1A: RW1AC, RD1A, R8AA.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UA3015SWL	18	30	10	840	RCWC

Operators: UA3015SWL: RN3DKE.

**UA0 - Asiatic Russia Call Area 0**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RW0AJ	848	267	790	437 346	ARKTIKA
2	RA0AY	169	159	168		

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
7	RL9AA	1 418	371	1 372	1 035 090	UCG
8	R8MC	998	370	975	730 010	RCC
9	UA9CDC	616	312	617	384 696	UCG
10	RM9RZ	383	204	380	155 652	RCC
11	RF9C	295	172	296	101 652	UCG
12	RA9AE	308	108	310	66 744	UCG
13	UA9FM	193	119	195	46 172	PERM RC
14	RL9FYL	174	84	174	29 232	PERM
15	RA9UN	106	68	104	14 280	
16	UA9BS	56	62	40	5 952	SUCC

Operators: RF9C: UA9CIR.

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RC9O	1 940	486	1 911	1 871 586	
2	RT9J	428	142	290	101 956	
3	RK9CYA	219	114	170	44 346	UCG

Operators: RC9O: RC9O, UA9OPU. RK9CYA: RK9CR, UA9CMP.

#### UN - Kazakhstan

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UN9L	1 314	439	1 302	1 148 424	
2	UN8LWF	910	329	988	624 442	
3	UN7CN	329	118	0	38 822	
4	UN8PT	165	100	140	30 500	
5	UN9GW	18	24	0	432	KFRF

Operators: UN8LWF: UN9LAB.

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UP2L	2 232	487	2 264	2 189 552	
2	UN3GX	534	192	560	210 048	

Operators: UP2L: UA9BA.

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UP5AA	2 376	544	2 190	2 483 904	UCG

Operators: UP5AA: UN7AL, RN4WA, UN7LZ, UN9LW.

#### UR - Ukraine

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UT7EZ	509	418	803	548 416	DNEPR
2	U20U	400	271	618	275 878	UCC
3	UU0J	228	215	534	163 830	BSCC
4	US0HZ	186	225	378	126 900	UCC
5	UY4WWA	228	286	194	120 692	BSCC
6	UY5AA	302	342	0	103 284	BSCC
7	UR5FEL	147	167	444	98 697	BSCC
8	UW2Q	227	214	222	96 086	UCC
9	UU2J	251	318	40	92 538	BSCC
10	US7IY	177	197	275	89 044	UCC
11	UR5IFX	166	198	273	86 922	UCC
12	US5E	119	143	392	73 073	UCC
13	UY5TE	148	166	281	71 214	GIPANIS
14	UR5ZTH	143	158	257	63 200	GIPANIS
15	UR7MZ	192	183	87	51 057	BSCC
16	UT5ECZ	223	196	0	43 708	UCC
17	UT1IM	199	201	0	39 999	DONBASS
18	UT7QF	183	154	57	36 960	UCC
19	UX4FC	158	169	0	26 702	
20	UW5ZL	148	147	0	21 756	
21	UW1WU	115	126	57	21 672	BSCC
22	UY5AR	143	148	0	21 164	BSCC
23	US2IW	111	150	0	16 650	ARGO
24	UR5MM	148	108	0	15 984	UCC
25	UT4XU	107	118	0	12 626	BSCC
26	UX1CW	91	135	0	12 285	BSCC
27	UR5VR	102	104	0	10 608	BSCC
28	UU9JH	53	62	110	10 106	
29	US7IA	94	102	0	9 588	BSCC
30	UV3QF	95	99	0	9 405	
31	UR5IFB	54	127	20	9 398	BSCC
32	UZ5ZV	95	50	77	8 600	GIPANIS
33	UR9QQ	74	101	10	8 484	UCC
34	UR8GX	77	98	0	7 546	
35	UR5VAW	65	112	0	7 280	
36	UU7JF	50	70	29	5 530	BSCC
37	UT3EG	46	77	0	3 542	
38	UT7VR	35	66	0	2 310	KIROVOG
39	US5EEK	41	48	0	1 968	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
40	UR7LY	40	44	0	1 760	UT7L
41	UR5EAF	25	39	0	975	BSCC
42	US5ELM	16	24	0	384	
43	UR6LAF	12	26	0	312	

Operators: UU2J: UU5JIB. UW2Q: UR6QS. UY4WWA: UT1WZ. UZ0U: UY5ZZ.

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UU7J	1 096	696	2 520	2 516 736	BSCC
2	EO3Q	768	602	1 951	1 636 838	UCC
3	UR7GO	780	525	1 013	941 325	BSCC
4	UT5UGR	259	251	652	228 661	BSCC
5	US6EX	316	314	0	99 224	BSCC
6	UR2VA	175	220	61	51 920	BSCC
7	UT5EO	204	223	0	45 492	BSCC
8	UX7QD	105	76	487	44 992	UCC
9	UR5EPG	146	240	0	35 040	DNEPR
10	UT0EO	97	114	0	11 058	BSCC
11	US5LO	35	34	0	1 190	TDR

Operators: EO3Q: UR3QCW. UU7J: UU4JMG.

#### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UUSJ	166	239	504	160 130	BSCC
2	UT7E	165	116	79	28 304	BSCC

Operators: UT7E: UR3EZ, UT5EL, UT9EZ. UUSJ: UU2IQ, UU0JX.

#### SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	USF-007	250	283	214	131 312	
2	US-Q-73	171	238	0	40 698	

#### VE1 - Canada Call Area 1

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE1ZA	187	150	187	56 100	MCC
2	VA1CHP	52	50	50	5 100	MCC

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE1DT	208	176	209	73 392	MCC
2	VE1OP	119	90	125	21 960	MCC

#### VE2 - Canada Call Area 2

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE2AXO	98	120	90	22 560	CGQ
2	VE2GLA	14	24	0	336	

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VY2ZM	2 073	495	2 058	2 044 845	MCC
2	VA2EW	1 312	385	1 307	1 008 315	CGQ
3	VE2XAA	932	327	949	615 087	CGQ
4	VE2FK	235	167	236	78 657	CGQ

#### VE3 - Canada Call Area 3

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3DZ	1 017	319	1 035	654 588	CCO
2	VE3OSZ	331	239	336	159 413	CCO
3	VE3TG	291	186	298	109 554	CCO
4	VE3UTT	204	176	199	70 928	CCO
5	VE3NR	217	160	206	67 680	CCO
6	VE3IAE	196	132	199	52 140	CCO
7	VE3EY	237	84	244	40 404	CCO
8	VA3SB	47	64	46	5 952	CCO
9	VA3GUY	74	54	0	3 996	CCO
10	VA3RKM	38	57	10	2 736	CCO
11	VA3FN	24	36	5	1 044	
12	VA3ATT	15	32	0	480	CCO
13	VE3RCN	17	23	0	391	CCO

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3AT	1 813	441	1 818	1 601 271	CCO
2	VE3FWA	1 180	337	1 202	802 734	CCO
3	VE3RZ	499	272	496	270 640	CCO
4	VE3CX	505	174	514	177 306	CCO
5	VE3TW	166	131	174	44 540	CCO
6	VE3EJ	60	100	39	9 900	CCO

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
7	VA3PL	47	80	45	7 360	CCO

#### VE4 - Canada Call Area 4

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE4YU	124	100	121	24 500	
2	VE4AEO	100	76	93	14 668	CCO

Operators: VE4AEO: VE3KI.

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE4EAR	25	32	26	1 632	

#### VE5 - Canada Call Area 5

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE5MX	248	114	250	56 772	SASK CC

#### VE6 - Canada Call Area 6

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE6TL	292	143	289	83 083	ALBERTA

#### VE7 - Canada Call Area 7

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE7WO	92	56	0	5 152	ORCA
2	VE7BGP	29	28	0	812	NANAIMO

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE7CC	692	219	719	309 009	BCDXX
2	VA7ST	214	138	224	60 444	ORCA

#### VE9 - Canada Call Area 9

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE9HF	283	215	0	60 845	MCC

#### VK2 - Australia Call Area 2

#### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK2IM	624	242	390	245 388	VKCC

#### VK4 - Australia Call Area 4

#### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK4CT	1 058	305	1 055		

**XE - Mexico**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	XE1EE	101	127	0	12 827	
2	XE2B	49	72	67	8 352	

**XU - Kampuchea**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	XU7ACY	470	217	416	192 262	

**YA - Afghanistan**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	T6MO	699	281	630	373 449	SMC

Operators: T6MO: K9GY.

**YB - Indonesia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YB1ALL	743	277	735	409 406	
2	YC3TKH	56	68	60	7 888	
3	YB0ECT	76	42	70	6 132	JDXCC
4	YB3JBJ	60	60	0	3 600	
5	YB3TD	3	6	0	18	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YB3XM	157	153	0	24 021	

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IN5-99	4	10	0	40	

**YL - Latvia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL2TB	222	216	342	121 824	
2	YL3DX	205	185	151	65 860	LCC
3	YL3IZ	124	103	0	12 772	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL2PP	99	186	0	18 414	LCC
2	YL5T	113	110	40	16 830	LCC

**YO - Romania**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YO3API	260	262	489	196 238	YODXC
2	YO2MAX	187	190	317	95 760	COM
3	YR5T	220	260	0	57 200	BISTRITA
4	YO9AGI	200	189	0	37 800	PLOESTI
5	YO4FTE	195	176	0	34 320	
6	YO5OHY	202	146	0	29 492	CSM BAI A
7	YO2QY	115	185	0	21 275	YOADXX
8	YO2GL	134	114	44	20 292	
9	YO5BXI	110	121	0	13 310	
10	YO4BEW	88	109	0	9 592	
11	YO7AWZ	54	70	0	3 780	
12	YO9HG	53	60	0	3 180	
13	YO2LAN	23	45	0	1 035	SFOX
14	YO7MGG	19	37	0	703	CRAIOVA
15	YO6DBL	20	35	0	700	
16	YO4AAC	9	12	9	216	YODXC

Operators: YR5T: YO5CBX.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YP9W	986	588	1 957	1 730 484	PLOESTI
2	YO9HP	817	560	967	999 040	RRDXA
3	YQ6A	582	500	872	727 000	SECUIESC
4	YO9FLD	26	58	0	1 508	

Operators: YP9W: YO9WF. YQ6A: YO6BHN.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YR1C	321	289	844	336 685	RADUBRAT

Operators: YR1C: YO4NA, YO9GZU.

**YU - Serbia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT3M	835	598	2 203	1 816 724	
2	YU2A	399	368	642	383 088	YUCC
3	YU7KW	247	271	311	151 218	
4	YU7KM	230	228	0	52 440	
5	YU1ARL	154	200	0	30 800	
6	YU7NUX	128	131	0	16 768	YU7IAB
7	YT3H	96	109	0	10 464	
8	YU1ZZ	53	58	34	5 046	WSCC
9	YU7FN	44	47	40	3 948	VOJ CC
10	YT5N	46	42	29	3 150	
11	YU5T	42	57	0	2 394	YUCC
12	YT1MN	30	34	0	1 020	

Operators: YT3M: YT6W. YT5N: YU7AF. YU1ARL: YU1FG. YU5T: YU1JU.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT5W	594	342	475	365 598	
2	YU1DW	654	307	0	200 778	
3	YU6DX	116	182	0	21 112	YUCC

Operators: YT5W: YU1AU.

**Z3 - Macedonia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	Z35T	801	531	1 151	1 036 512	Z37M CT
2	Z35G	198	193	194	75 656	

**ZC4 - UK Bases on Cyprus**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZC4LI	2 054	475	1 897	1 876 725	ESBA

**ZL1 - New Zealand Call Area 1**

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZM1A	834	272	872	464 032	

Operators: ZM1A: ZL1AIH, ZL3CW, ZL1GO.

**ZL2 - New Zealand Call Area 2**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZM2B	428	217	410	181 846	

**Checklogs**

5K1R (HK1AA, HK1R, HK1X, HK1N, HK1AA, HK1MW), 9A1BHI, 9A4WY, A65BR, AG6V, DL2TR, DL7VDX, DL8ZBA, DM5DX, E73W, EA1OS, EA4GB, EW2A, HA0GK, HA1SN, HA3UU, HA7LW, HA8TP, HK1NA (HK1N, HK1R, HK1X, HK1MW, HK1T), IZ3EOU, LA3RK, LA8XM, LU7HN, LY2BNL, LY2CO, LY2N, LY9A, LZ1JZ, LZ1VB, LZ2FO, LZ2HR, LZ4UU, LZ5R, M4U, N1WQ, OH5Z, OK1SKJ, OK2EQ, OK2GX, PY1KM, PY1MK, PY2NA, PY7OJ, R3KM, RDYY, R7FK, R9UC, RA3FD, RA33X, RA6DE, RA6FUZ, RN1A, RN3BO, RN3QQ, RT3A/3, RU6L, RV1OO, RX3VF, SP2MKT, SP4GDC, SP5ELA, SP5JTF, SP6CZ, SP7EWL, SP9IHP, SQ5STS, SQ7LQJ, TKS5MH, UA1AFT/QR, UA1OM, UA1OMS, UA6FJ, UA6GR, UA6IK, UN6G, UT1IA, UT8IT, UJ2JG, UW1M (UR5M), YO48TB, YO5OHO, YO9DL.

**Disqualifications**

None

Results by DL8WPX



# WAEDC SSB 2011

These are the final results of the WAE DX Contest SSB 2011. Once again thank all of you for your participation despite the heavy solar flare hitting the ionosphere during this event. Finally we are able to present the checked results. Congratulations go out to all the winners.

For this contest we used a database containing 194,136 QSOs and 181,016 QTCs created by 985 different entrants. A total of 11,504 callsigns is estimated to have been on the air. 112,818 of all contacts could be cross-checked directly log to log (58%). 76,812 of the contacts could be verified indirectly by tracking active callsigns in the database that have not submitted a log. The remaining 4,506 callsigns represent 'uniques', but are left in the database. Thus, one can say that 97.68% of all contacts could be verified, leaving only a very small amount of doubtful QSOs.

Please join me to thank our WAE DX Contest team Jörg DL8WXP, Michael DL6MHW, Julian DL6OCK and Rob DL7VOA very much for their continuous support.

## Continental Winners

### Africa

Category	Call	Score
MULTI-OP	V55V	2,584,680
SINGLE-OP HIGH	CR3L	2,571,272
SINGLE-OP LOW	3V8SS	778,650

### Asia

Category	Call	Score
MULTI-OP	9K2HN	2,731,704
SINGLE-OP HIGH	UP0L	2,315,378
SINGLE-OP LOW	A65BB	1,402,448
SWL	VU2-002SWL	5,246

### Europe

Category	Call	Score
MULTI-OP	RU1A	2,577,744
SINGLE-OP HIGH	DP4X	2,516,874
SINGLE-OP LOW	S57DX	983,950
SWL	US-Q-73	252,080

### North America

Category	Call	Score
MULTI-OP	WX3B	1,149,600
SINGLE-OP HIGH	VY2ZM	2,041,087
SINGLE-OP LOW	HI3TEJ	560,950

### Oceania

Category	Call	Score
SINGLE-OP HIGH	VK3TDX	315,208
SINGLE-OP LOW	YB0NFL	32,289
SWL	INS-99	3,192

### South America

Category	Call	Score
MULTI-OP	PT5T	1,861,482
SINGLE-OP HIGH	PX5E	1,616,505
SINGLE-OP LOW	PY2SEX	318,208

# Scores by country

## 3V - Tunisia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	3V8SS	1 399	290	1 286	778 650	

Operators: 3V8SS: KF5EYY.

## 4J - Azerbaijan

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4K9W	2 4	0	8		

## 4L - Georgia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4L2M	590	322	598	382 536	NARG

## 4X - Israel

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4X0T	1 267	374	1 272	949 586	IARC

Operators: 4X0T: 4Z5FI.

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4X6DK	486	88	467	83 864	IARC

## 5B - Cyprus

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	P39P	931	287	838	507 703	NICOSIA

Operators: P39P: 5B4AKX, 5B4AKZ, 5B4AIP, SOTERIS.

## 6W - Senegal

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	6W7RV	13	20	0	260	

## 9A - Croatia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A1DL	19	44	0	836	CRO CC

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A6XX	1 391	653	1 042	1 588 749	

## 9K - Kuwait

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9K2HN	2 821	516	2 473	2 731 704	

Operators: 9K2HN: 9K2HN, 9K2RR, 9K2YM, SP4R.

## 9M2 - West Malaysia

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9M2CQC	348	148	360	104 784	
2	9M2TO	266	68	230	33 728	

## 9M6 - East Malaysia

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9M6VBG	280	184	282	103 408	
2	9M6TMT	130	46	0	5 980	

## 9Y - Trinidad & Tobago

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9Y4W	556	188	519	202 100	BCC

## A6 - United Arab Emirates

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	A65BB	1 894	368	1 917	1 402 448	VRHNIKA

Operators: A65BB: S57CQ.

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	A65EE	927	278	720	457 866	

## BV - Taiwan

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BU2AU	44	48	0	2 112	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BV1EK	82	70	81	11 410	

## BY - China

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BA1SN	136	80	136	21 760	
2	BH1LHS	70	74	72	10 508	
3	BH4SHG	114	56	20	7 504	
4	BD4WN	112	58	0	6 496	
5	BD4CD	34	50	36	3 500	
6	BH7PFH	45	48	20	3 120	
7	BD4CZX	55	44	0	2 420	
8	BG2AUE	47	42	0	1 974	
9	BH3OTC	37	42	0	1 554	
10	BH4SRB	28	48	0	1 344	
11	BD4TZ	34	36	0	1 224	
12	BD3MV	20	28	0	560	
13	BH4TIF	21	24	0	504	
14	BD9GBE	15	20	0	300	
15	BD6OT	16	18	0	288	
16	BD4RDU	10	18	0	180	
17	BD4HUB	10	16	0	160	
17	BH4SUY	10	16	0	160	
19	BH4QFI	8	14	0	112	
20	BD4HHZ	7	12	0	84	
21	BG4GVY	6	10	0	60	
22	BD6AHU	6	8	0	48	
23	BG5FBR	4	8	0	32	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BG2VIA	60	54	34	5 076	
2	BG2SFV	62	36	0	2 232	
3	BG4FRZ	13	26	0	338	

## CE - Chile

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CE2WZ	69	54	0	3 726	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CE3P	227	110	200	46 970	
2	CE1TT	228	140	0	31 920	

## CN - Morocco

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CN8YE	23	32	0	736	

## CT - Portugal

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CT2KFA	88	88	125	18 744	
2	CT2JBG	93	124	0	11 532	
3	CT1CDP	67	112	0	7 504	
4	CT1FOQ	52	86	0	4 472	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
5	CT1DKS	1	4	0	4	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CR6K	424	428	473	383 916	

Operators: CR6K: CT1ILT.

**CT3 - Madeira Islands**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CR3L	2 631	488	2 638	2 571 272	RRDXA
2	CT3HF	496	129	499	128 355	
3	CT9/DJ6KS	49	34	0	1 666	RRDXA

Operators: CR3L: DJ8OG.

**DL - Germany**

**SINGLE-OP LOW**

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DA2A	O32	403	418	957	568 480	RRDXA
2	DL5MAE	C25	296	409	839	464 215	
3	DR5X	M11	318	357	844	414 834	BCC
4	DL1MHJ	C12	301	332	647	314 736	BCC
5	DL8UCC	M11	268	410	442	291 100	
6	DL7UMK	Y07	226	325	544	250 250	
7	DK0PC	M11	189	350	417	212 100	BCC
8	DF2SD	L06	302	344	270	196 768	RRDXA
9	DK8TU	A44	171	225	640	182 475	
10	DK8NT	B27	174	245	521	170 275	BCC
11	DH1TS	G54	192	304	365	169 328	
12	DF8XC	N01	180	274	427	166 318	RRDXA
13	DX5MB	C25	154	239	539	165 627	BCC
14	DK1AX	P61	162	222	559	160 062	BCC
15	DL9RAR	U14	299	241	365	160 024	
16	DL5JS	R01	198	240	446	154 560	BCC
17	DK1IP	E34	230	266	327	148 162	
18	DL4ZA	A19	195	188	453	121 824	BCC
19	DL2VW	U14	151	232	361	118 784	
20	DL8LR	Q18	237	255	226	118 065	RRDXA
21	DJ6OZ	E18	252	336	89	114 576	
22	DL6MHW	W37	129	258	273	103 716	BCC
23	DR3W	W37	107	225	327	97 650	BCC
24	DL3ABL	W37	147	239	260	97 273	BCC
25	DJ1ZU	U14	166	241	227	94 713	
26	DJ1RK	X17	155	228	246	91 428	
27	DH4PSG	N20	136	240	202	81 120	RRDXA
28	DL5GAC	P09	125	184	285	75 440	BCC
29	DL8MAS	T19	122	143	402	74 932	BCC
30	DJ0MCZ		150	177	269	74 163	
31	DH7LF	M11	125	149	328	67 497	
32	DL6NAL	U08	167	226	108	62 150	BCC
33	DJ6TK	M03	109	130	338	58 110	RRDXA
34	DL1HW		92	164	199	47 724	
35	DL3BY	C25	104	112	281	43 120	BCC
36	DL6SDA	P05	101	116	254	41 180	
37	DL4VAI	Z19	120	173	105	38 925	
38	DL1NKS	B24	163	238	0	38 794	BCC
39	DL3MHB	T19	89	110	249	37 180	BCC
40	DL6UAA	Y43	103	145	153	37 120	POAM
41	DK2CX	C26	113	144	126	34 416	BCC
42	DL6AWJ	X23	100	150	109	31 350	
43	DM2TO	W22	154	199	0	30 646	
44	DB3BX	I12	107	150	93	30 000	RRDXA
45	DL6FCD	T19	85	126	143	28 728	
46	DL2ASB	X09	78	104	185	27 352	
47	DL9ECA	L06	102	156	70	26 832	
48	DK3RA	V10	63	120	157	26 400	
49	DF1HF	E21	73	133	114	24 871	
50	DK2WU	U14	63	104	142	21 320	
51	DK2YL	Q05	64	140	87	21 140	BCC
52	DK3WM	F73	61	89	176	21 093	
53	DH6DAO	O17	61	80	199	20 800	RRDXA
54	DL2DQL	S02	104	137	39	19 591	
55	DJ2AX	X20	101	121	59	19 360	BCC
56	DL2RUG	Y09	60	107	118	19 046	
57	DL3RAR	U14	106	82	119	18 450	
58	DL1PA	T19	85	127	60	18 415	
59	DF2IAX	A24	59	99	126	18 315	
60	DL1ARD	X23	117	128	5	15 616	
61	DJ6RA	U14	86	137	21	14 659	
62	DJ1FZ	F16	94	88	69	14 344	
63	DL8ZAJ	F09	78	121	40	14 278	RRDXA
64	DL7ACN	A22	47	118	71	13 924	
65	DK5IR	A22	83	130	20	13 390	
66	DD5MA	G17	54	100	78	13 200	RRDXA
67	DL6RBH	U20	71	101	48	12 019	BCC
68	DK3YD	C12	58	98	62	11 760	BCC
69	DK7GH	A05	35	67	137	11 524	

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
70	DL9FB	W33	44	78	103	11 466	
71	DL9ZWG	W37	57	79	86	11 297	BCC
72	DD5AJ	G25	73	100	38	11 100	
73	DL5M	C25	76	82	57	10 906	
74	DL5ALW	X06	65	115	29	10 810	
75	DC3PH	C28	73	131	7	10 480	
76	DL4EBW	R29	69	101	30	9 999	RRDXA
77	DC2VE	Q05	73	131	0	9 563	BCC
78	DL1SBF	P51	73	128	0	9 344	RRDXA
79	DM4D	Y18	48	79	68	9 164	
80	DK0BZ		78	113	0	8 814	
81	DLOPS	N14	77	82	28	8 610	
82	DJ4WM	H40	70	102	0	7 140	
83	DL9LF	M10	67	105	0	7 035	
84	DL2ZA	U15	62	84	20	6 888	BCC
85	DL3YDP	O38	49	70	49	6 860	RRDXA
86	DK2ZO	P05	33	56	80	6 328	BCC
87	DK6AY	H41	67	92	0	6 164	
88	DO7OM	I18	48	66	43	6 006	
89	DK8CB	N29	64	80	0	5 120	
90	DK6NF	F15	57	89	0	5 073	
91	DJ6UP	G06	60	82	0	4 920	
92	DL2AJB	X17	30	53	58	4 664	
93	DG7SCB	P05	47	67	20	4 489	
94	DL5RU	U09	48	93	0	4 464	BCC
95	DL7PD	F05	63	68	0	4 284	
96	DF1XL		46	90	0	4 140	BCC
97	DK4WF	S29	46	86	0	3 956	
98	DL1GOR	Y08	37	70	19	3 920	
99	DK1AUP	X05	51	75	0	3 825	
100	DL8MEF	C12	44	62	10	3 348	
101	DG1MDQ	T01	47	64	0	3 008	
102	DL4YAO	C25	43	63	0	2 709	
103	DJ9SN		44	55	0	2 420	
104	DL1TIM	O27	36	67	0	2 412	
105	DG7HL	T15	24	44	29	2 332	
106	DH1PS	N20	27	76	0	2 052	RRDXA
107	DL1BA		36	56	0	2 016	
108	DL6OAK	H37	24	36	30	1 944	
109	DC2CB	N29	35	54	0	1 890	RRDXA
110	DL4EAX	R22	28	66	0	1 848	RRDXA
111	DL3TVI	X09	35	52	0	1 820	
112	DB5SB	X17	21	34	30	1 734	
113	DG6DAF	F47	33	46	0	1 518	
114	DL1SVA		30	46	0	1 380	
115	DL9WO		28	49	0	1 372	
116	DL7ULM	C25	28	48	0	1 344	
117	DJ8UB	P05	28	46	0	1 288	
118	DL7YS	D06	13	26	30	1 118	SPANDAU
119	DJ5QE	N20	22	49	0	1 078	RRDXA
120	DB4MZ	C12	13	31	20	1 023	
121	DL1PF	F16	27	36	1	1 008	
122	DO1AYJ	X22	25	40	0	1 000	
123	DH0JAE	Y28	13	22	30	946	
124	DL4EBA	R29	24	39	0	936	RRDXA
125	DG2HBH		24	38	0	912	
126	DL8UAA	Y43	25	36	0	900	POAM
127	DL1DQW	S04	14	26	19	858	
128	DL1DF	Z03	21	38	0	798	
129	DM2AJK	X32	24	33	0	792	
130	DJ3GE	G25	23	34	0	782	BCC
131	DL6UAM	Y24	23	32	0	736	
132	DF6JF	L16	24	30	0	720	
133	DF2AJ	P51	16	43	0	688	RRDXA
134	DL6DCD		19	28	0	532	RRDXA
135	DO1NPF	U10	16	30	0	480	BCC
136	DF5BM		15	18	10	450	RRDXA
137	DL7CU	D21	16	28	0	448	
138	DO1CS	S49	15	22	0	330	
139	DO3MF	C28	13	24	0	312	
140	DK8JB	L16	12	24	0	288	
141	DL5FCY	F11	14	20	0	280	
142	DG2EBW	R09	12	18	0	216	
143	DF2QZ	N20	10	21	0	210	RRDXA
144	DO1MGN	X37	10	18	0	180	
145	DO5TMM	P19	8	14	0	112	
146	DL7LZ	Y17	5	10	0	50	
147	DC1DB	L16	1	2	0	2	
147	DJ6FO		1	2	0	2	

Operators: DA2A: DK5DQ, DK0PC: DL9EE, DLOPS: DO6NIK, DL5M: DL1BYZ, DM4D: DL1BUG, DR3W: DL6MHW, DR5X: DL8LAS.

**SINGLE-OP HIGH**

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DP4X	C16	1 812	727	1 650	2 516 874	BCC
2	DK6XZ	A12	1 000	613	1 430	1 489 590	BCC
3	DL1DAW	O47	436	490	730	571 340	RRDXA
4	DJ9HX	P50	438	460	594	474 720	SDXG
5	DJ6QT	F62	494	551	361	471 105	RRDXA
6	DL8OH	I49	415	489	488	441 567	BCC
7	DD2ML	C15	407	404	602	407 636	BCC
8	DJ1AA	H27	300	327	487	257 349	RRDXA
9	DL7ON	D04	208	289	607	235 535	BCC

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
10	DN4WL	C30	305	262	557	225 844	BCC
11	DK1KC	B10	210	294	505	210 210	BCC
12	DL8RD	U08	178	273	591	209 937	BCC
13	DG1EA	R33	203	274	483	187 964	
14	DF2TT		205	279	225	119 970	BCC
15	DJ9MH	B10	132	208	443	119 600	BCC
16	DL1NEO	B36	124	226	365	110 514	BCC
17	DL5AN	P01	150	220	343	108 460	RRDXA
18	DJ1YFK	S07	148	161	461	98 049	BCC
19	DL1QW	N06	152	220	278	94 600	RRDXA
20	DL2ARD	Z88	331	150	92	63 450	RRDXA
21	DJ2QV	C30	107	144	317	61 056	RRDXA
22	DM2BPG	W33	153	196	156	60 564	
23	DK6WL	C26	123	151	260	57 833	

## DU - Philippines

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	DU1LC	231	70	0	16 170	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	DU1JI	267	108	0	28 836	
2	DU1EV	73	62	0	4 526	

## E7 - Bosnia-Herzegovina

## MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	E73ESP	26	58	76	5 916	

Operators: E73ESP: E72SIE, E73QL.

## EA - Spain

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA2DT	300	332	0	99 600	
2	EA2LMI	259	359	0	92 981	
3	ED7R	208	155	0	32 240	
4	EF1W	124	132	92	28 512	
5	EC7KW	139	188	0	26 132	RASE DXC
6	EA3LS	84	146	0	12 264	
7	EB2RA	96	97	18	11 058	ARA
8	EA7HE	56	84	0	4 704	
9	EA2KP	36	68	0	2 448	
10	EA4ESW	26	53	0	1 378	
11	EA3/DK7TM	24	40	9	1 320	RRDXA

Operators: ED7R: EA7IZJ, EF1W: EA1W5.

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EB3CW	883	519	1 006	980 391	HENARES
2	EA5DFV	597	405	738	540 675	PVRC
3	EA1XT	176	241	419	143 395	
4	EA3QP	131	154	78	32 186	
5	EE3E	78	115	76	17 710	
6	EA5IY	94	113	0	10 622	
7	EA3CEC	35	58	90	7 250	
8	EA1WX	51	40	0	2 040	
9	EA7HGX	26	42	0	1 092	
10	EA3BYN	5	8	0	40	

Operators: EE3E: EA3ELZ.

## MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA4RCH/1	152	93	75	21 111	HENARES

Operators: EA4RCH/1: EC1KR, EC4DX, EA4AOC.

## EA6 - Balearic Islands

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA6UP	45	60	0	2 700	

## EA8 - Canary Islands

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA8CVW	98	86	100	17 028	
2	EC8AFM	99	72	78	12 744	RRDXA

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EE8E	2 368	501	2 313	2 345 181	

Operators: EE8E: EA8CAC.

## EI - Ireland

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EI4DJB	39	80	0	3 120	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EI2JD	45	93	0	4 185	

## ER - Moldova

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ER3CT	125	161	0	20 125	ARM
2	ER3ZZ	89	145	0	12 905	BSCC

## ES - Estonia

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ES5TV	1 411	776	1 381	2 166 592	TARTU
2	ES2IPA	58	84	0	4 872	

## EU - Belarus

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EW1IP	222	298	560	233 036	BRCC
2	EW8OG	146	194	72	42 292	
3	EU4AA	21	28	0	588	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EW8DD	354	336	515	291 984	
2	EU5M	208	244	10	53 192	BRCC
3	EW8DX	106	130	142	32 240	BRCC
4	EW6GF	52	58	0	3 016	
5	EW3LN	40	58	0	2 320	

Operators: EU5M: EW7BR.

## F - France

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	F6DRP	143	142	0	20 306	
2	F4ASK/P	90	152	0	13 680	
3	F6EWX	38	52	0	1 976	
4	F1JWH	26	50	0	1 300	EUPSKC
5	F4FRF	14	24	0	336	
6	F4FDA	5	11	9	154	LNDX
7	F4FBP	3	6	0	18	
8	F4DSK	2	4	0	8	
9	F4GFT	1	2	0	2	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	F5NBX	103	154	355	70 532	LNDX
2	F6GPT	152	169	0	25 688	

## MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	F6KRR	214	238	19	55 454	F6KRR

Operators: F6KRR: F4GOT, F0FYL (SWL), LY3BLI.

## G - England

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	G3VAO	110	194	0	21 340	
2	G4DFI	92	110	10	11 220	
3	G4NXG/M	75	107	19	10 058	
4	M6TBY	79	119	0	9 401	
5	M5KJM	51	96	0	4 896	
6	M6KLO	23	38	99	4 636	
7	2E0EET	43	54	0	2 322	SANDS
8	G0MTN	12	22	40	1 144	
9	M0TQR	7	14	0	98	
10	G0FPU	4	8	0	32	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	M0VKY	96	216	0	20 736	BCDXCG
2	G0RPM	64	94	131	18 330	
3	G0VQR	9	16	0	144	

## MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	M4U	489	399	177	265 734	HARWICH
2	M4F	192	301	401	178 493	
3	G5N	16	26	67	2 158	TYMARC

Operators: G5N: M6KLO G0SBN, M4F: M0VKY, M1EAC, 2E1SKA, G3WDL, G3KPU, M4U: G0DVJ, M0ZZO, 2E0XIS, G4BAV, M0JVC, M0MJH, M1ACB, G4FTP.

## GI - Northern Ireland

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	MI0M	219	149	0	32 631	
2	GI4AAM	47	78	146	15 054	BANGOR

Operators: MI0M: MI0SAI.

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GI5K	203	182	100	55 146	

Operators: GI5K: MI0LLL.

## GM - Scotland

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GM7VSB/P	206	250	320	131 500	KLARC
2	MM0GOR/P	52	68	0	3 536	

## GM/s - Shetland and Fair Isle

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GZ5Y	171	218	0	37 278	ESHANESS

Operators: GZ5Y: GM45SA.

## GW - Wales

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	GW4BLE	1 311	520	721	1 056 640	THREE AS

## HA - Hungary

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HA5UK	371	315	781	362 880	
2	HA3LI	123	174	22	25 230	BRDXC
3	HG3FMZ	108	137	0	14 796	BRDXC

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HG8C	131	146	0	19 126	HADXC

Operators: HG8C: HA8EK.

## HB - Switzerland

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HB9ARF	109	148	0	16 132	
2	HB9MXY	81	93	0	7 533	
3	HB9RJG	50	90	0	4 500	

## MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HB9FA	123	167	10	22 211	FSTEIN

Operators: HB9FA: HB9ENM, HB3YSI.

## HC - Ecuador

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HC1JQ	12	25	0	300	

## HI - Dominican Republic

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HI3TEJ	861	325	865	560 950	

## HK - Colombia

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HK3JB	124	106	0	13 144	
2	HK3Q	42	68	32	5 032	

## HL - South Korea

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	6K2DIO	40	40	0	1 600	
2	HL5/LA8JKA	22	26	0	572	

## HS - Thailand

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	E21YDP	290	166	42	55 112	SIAMDXG
2	E21EIC	104	82	0	8 528	SIAMDXG

## HZ - Saudi Arabia

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	7Z1SJ	1 308	326	1 260	837 168	
2	HZ1BW	677	250	678	338 750	
3	HZ1DG	322	120	316	76 560	
4	HZ1HN	164	130	160	42 120	
5	7Z1HL	51	38	49	3 800	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	HZ1FI	632	204	642	259 896	BCC

## I - Italy

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IO2Z	190	302	526	216 232	
2	I2WIJ	249	263	570	215 397	
3	IK0XB	200	308	384	179 872	PERUGIA
4	I20GYP	157	150	57	32 100	
5	I28GNR	99	136	105	27 744	
6	IV3BCA	91	144	0	13 104	
7	I28VKW	72	122	23	11 590	
8	I23DBA	99	94	0	9 306	EURA
9	IZ0EGC	70	109	0	7 630	
10	IZ5IMD	69	94	0	6 486	
11	IZ1MHY	49	78	0	3 822	
12	IR1X	41	56	0	2 296	
13	IZ5OQX	33	65	0	2 145	
14	IW2FUT	39	48	0	1 872	VLS HAM
15	I0KHP	26	56	7	1 848	
16	IV3IDP	40	44	0	1 760	
17	IZ8DFO	21	45	0	945	
18	IK3XTY	25	36	0	900	
19	IN3FHE	10	27	0	270	
20	IZ8JJI	6	12	0	72	

Operators: IO2Z: IK2DZN.

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IK8UND	236	271	416	176 692	
2	IR4E	59	85	277	28 560	
3	I3VJW	103	141	42	20 445	
4	I24RCQ	72	131	0	9 432	
5	IK2IKW	54	78	0	4 212	
6	I7CSB	48	75	0	3 600	
7	IZ5ILK	30	42	0	1 260	
8	IZ5NSH	24	46	0	1 104	
9	IV3BXV	13	20	0	260	

Operators: IR4E: IK4ZHH.

## SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	I-7389-TN	19	30	0	570	

## IS - Sardinia

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IS0/DL6NDW	206	279	485	192 789	BCC

## IT9 - Sicily

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	IT9RGY	264	126	0	33 264	ARIPADX
2	IT9WTY	6	13	0	78	

## JA1 - Japan Call Area 1

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	7N2UQC	82	72	71	11 016	
2	J11HHJ	12	18	0	216	
3	JA1FO	11	14	0	154	
4	7K1CPT	8	14	0	112	
5	JG1SWV	8	12	0	96	
6	JN1DNV	8	10	0	80	
7	JE1CWQ	5	8	0	40	
8	JG1GCO	5	6	0	30	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JR1AIB	1 351	282	1 150	705 282	
2	JQ1BVI	689	223	676	304 395	
3	JG1VGX	580	186	511	202 926	
4	JO1WKO	455	182	436	162 162	

Operators: JR1AIB: JH5GHM.

## JA2 - Japan Call Area 2

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JK2VOC	29	32	20	1 568	599CJ
2	JA2GHP	31	38	0	1 178	
3	JA2PFO	10	16	0	160	
4	JR2AAN/2	10	14	0	140	
5	JA2AXB	5	8	3	64	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA2BQX	17	14	15	448	
2	JH2BTM	10	10	0	100	

## JA3 - Japan Call Area 3

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA3KKE	27	25	0	675	
2	JH3DMQ	20	20	0	400	
3	JR3KAH	15	20	0	300	
4	JM3QIS	12	14	0	168	
5	JG2CNS/3	7	14	0	98	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JH3PRR	365	174	247	106 488	ZEN

## JA4 - Japan Call Area 4

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JR4GPA	252	86	30	24 252	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JO4CFV	2	4	0	8	

## JA6 - Japan Call Area 6

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA6WFM	31	36	30	2 196	
2	JL6LTB	5	8	0	40	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA6BZI	346	128	343	88 192	
2	JA6BWH	53	61	0	3 233	

## JA7 - Japan Call Area 7

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JH7RTQ	203	66	197	26 400	
2	JA7HYS	15	28	0	420	
3	JA7ZP	14	23	0	322	

## K0 - United States Call Area 0

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K0KX	108	101	104	21 412	MNWA
2	W7KAM	37	46	0	1 702	
3	AD1C	29	32	0	928	GMC CO
4	K4IU	6	10	0	60	MNWA
4	NOORQ	6	10	0	60	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K0LUM	12	16	0	192	
2	NYOT	6	10	0	60	AOCC

## K1 - United States Call Area 1

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N1UR	564	270	560	303 480	YCCC
2	KA2KON	139	128	140	35 712	YCCC
3	AD1L	70	97	65	13 095	
4	W1TO	70	50	71	7 050	YCCC
5	AB1OD	38	67	0	2 546	
6	N1NN	16	22	0	352	
7	KE5ISO	10	24	0	240	

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K8PO	1 641	386	1 625	1 260 676	YCCC
2	KG2A/1	1 079	321	1 097	698 496	YCCC
3	KK1KW	688	317	699	439 679	
4	K5ZD	530	268	518	280 864	YCCC
5	AE1P	308	174	309	107 358	
6	KA1IOR	189	151	189	57 078	YCCC
7	N1BCL	165	103	166	34 093	
8	AE1T	129	86	128	22 102	YCCC
9	K1JB	41	82	40	6 642	YCCC

## K2 - United States Call Area 2

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W6XR	156	122	139	35 990	FRC
2	KA2D	125	114	123	28 272	OBONY
3	K2MFY	115	83	106	18 343	YCCC
4	WA2JQK	88	107	0	9 416	HVCDX
5	AB2TC	90	83	0	7 470	
6	NW2K	26	44	12	1 672	RNYDXA
7	N2MTG	15	20	0	300	HVCDX

## SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N2MUN	146	112	147	32 816	OBONY
2	AB2DE	100	118	101	23 718	
3	KC2LST	78	82	78	12 792	
4	W2OX	42	63	27	4 347	FRC
5	K2MK	40	36	42	2 952	
6	N2CG	36	32	0	1 152	

## K3 - United States Call Area 3

## SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NK3Y	152	107	0	16 264	FRC
2	N3UA	55	73	53	7 884	PVRC
3	KB3LX	50	66	46	6 336	AVRA
4	W4EE	77	8			

**K4 - United States Call Area 4**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W4GDG	69	71	0	4 899	PVRC
2	AI4SV	45	66	20	4 290	VIENNA W
3	NQ4K	61	52	0	3 172	SPARC
4	K3TW	24	46	23	2 162	FLCG
5	K4FTO	27	46	10	1 702	PVRC
6	W4JHU	30	47	0	1 410	
7	KK4CIS	35	36	4	1 404	
8	KI4SP	28	30	0	840	
9	N4DJ	22	38	0	836	PVRC
10	N4DTF	7	12	0	84	TNCG

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K4AB	444	184	463	166 888	ALCG
2	N6AR	209	204	209	85 272	FLCG
3	K4YKZ	243	141	240	68 103	NCDXCC
4	KA1ARB	191	160	197	62 080	PVRC
5	K4BAI	224	109	229	49 377	SECC
6	W4SVO	176	118	180	42 008	SECC
7	KA8Q	109	142	109	30 956	
8	N4GG	70	67	60	8 710	SECC

**K5 - United States Call Area 5**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N5AW	58	82	60	9 676	CTDXCC
2	W5WZ	50	47	51	4 747	LOU CC
3	K7IA	29	34	23	1 768	

**K6 - United States Call Area 6**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W6AFA	84	52	78	8 424	SCCC
2	W6NN	53	44	53	4 664	NCCC
3	N6WIN	22	28	16	1 064	SCCC

**K7 - United States Call Area 7**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W0PAN	1	2	0	2	AOCC

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N07T	51	46	0	2 346	AOCC
2	N6TW	36	40	0	1 440	WVDXC
3	K7RL	26	22	25	1 122	WVDXC
4	K7LV	14	24	0	336	

**K8 - United States Call Area 8**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W8TOM	58	61	30	5 368	
2	KD8HHG	30	38	0	1 140	
3	AA8N	22	30	0	660	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K8WT	65	113	40	11 865	
2	W8OHT	61	79	69	10 270	PVRC

**K9 - United States Call Area 9**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K9QVB/9	66	58	66	7 656	SMC

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N2BJ	118	83	100	18 094	SMC
2	W9QA/9	25	30	0	750	MDXC

**KL - Alaska**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KL7AIR	53	42	0	2 226	EDARS

**KP2 - U.S. Virgin Islands**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KV4FZ	888	288	923	521 568	

Operators: KV4FZ: N2TTA.

**KP4 - Puerto Rico**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WP3GW	71	74	0	5 254	
2	NP3CW	51	50	0	2 550	FLCG

**LA - Norway**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA2HFA	72	116	0	8 352	
2	LA7TN	40	61	0	2 440	
3	LA3CTA	7	15	0	105	
4	LB4CD	6	12	0	72	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA3BPA	165	228	10	39 900	
2	LA7GNA	75	92	180	23 460	LACC

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA6FJA	66	106	20	9 116	RJCC

Operators: LA6FJA: LA6FJA, LA5FHA.

**LU - Argentina**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LU7HZ	147	125	151	37 250	LUCG
2	LU7MCJ	61	60	50	6 660	LUCG
3	LU1FL	43	47	0	2 021	
4	LU1IBL	5	15	0	75	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AV5F	1 249	357	1 229	884 646	LUCG
2	LT0H	231	142	238	66 598	LUCG
3	LR9D	256	120	267	62 760	ARAUCARI
4	L33M	199	109	199	43 382	LUCG
5	LU7FTS	169	122	170	41 358	

Operators: L33M: LU3MAM. LR9D: LU9ESD. LT0H: LU3HY.

**LX - Luxembourg**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LX7I	1 681	716	1 374	2 187 380	RRDXA
2	LX1NO	29	44	20	2 156	RRDXA

Operators: LX7I: LX2A.

**LY - Lithuania**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LY2SA	152	228	0	34 656	
2	LY2N	13	36	0	468	KTU RC

**LZ - Bulgaria**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ5R	310	348	760	372 360	
2	LZ2PS	186	255	0	47 430	
3	LZ2STO	149	227	0	33 823	
4	LZ1DM	92	147	0	13 524	
5	LZ2FM	83	112	0	9 296	
6	LZ3SD	57	74	10	4 958	
7	LZ1DNY	49	93	0	4 557	
8	LZ1PJ	52	74	0	3 848	LZCWC
9	LZ3TL	39	60	0	2 340	
10	LZ2SX	21	22	35	1 232	
11	LZ3DJ	26	32	0	832	
12	LZ/KB1RDZ	5	10	0	50	

Operators: LZ5R: LZ1UK.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ2PL	281	309	282	173 967	
2	LZ2HM	156	188	272	80 464	LZ CT
3	LZ2DF	20	28	0	560	
4	LZSZ	19	20	0	380	

Operators: LZSZ: LZ1KDP.

**OE - Austria**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE6HLF	156	207	286	91 494	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE1EMS	1 493	781	1 303	2 183 676	BHCC

**OH - Finland**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH1F	268	286	402	191 620	CCF
2	OH6IU	127	167	0	21 209	
3	OH4BNP	100	148	0	14 800	
4	OH1B	34	52	20	2 808	CCF
5	OH6RE	15	30	0	450	
6	OH4KA	12	22	0	264	CCF

Operators: OH1B: OH1BOI. OH1F: OH1NOA.

**OK - Czech Republic**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK2MBP	154	211	0	32 494	
2	OK8ACS	102	172	29	22 532	
3	OK1MKU	106	175	0	18 550	
4	OK2BEN	73	146	0	10 658	
5	OK1KZ	78	111	0	8 658	
6	OK1BA	69	84	0	5 796	
7	OK1TFH	56	86	0	4 816	
8	OK1VHV	21	32	0	672	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK1DBE	87	143	0	12 441	
2	OK6DJ	27	40	0	1 080	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OKSZ	1 023	627	1 048	1 298 517	OKSZ

Operators: OKSZ: OK2EW, OK2JNM, OK2ZC, OK2ZI.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK2-9329	56	77	43	7 623	

**OM - Slovakia**

**SINGLE-OP HIGH**



PA - Netherlands

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PG1R	99	130	0	12 870	
2	PE1FTV	99	127	0	12 573	
3	PA4HM	69	72	0	4 968	
4	PD7BZ	63	76	0	4 788	
5	PD5T	57	79	0	4 503	
6	PD5JFK	53	80	0	4 240	VRZA
7	PD1TV	65	64	0	4 160	
8	PD3EM	51	69	0	3 519	
9	PD1B	47	60	0	2 820	
10	PA3DBS	44	60	0	2 640	
11	PA8KM	30	61	0	1 830	
12	PA0FEI	29	59	0	1 711	
13	PA3J	30	50	0	1 500	
14	PG2AA	29	48	0	1 392	
15	PD1SGH	23	38	0	874	
16	PE2K	23	30	0	690	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA0JNH	95	114	109	23 256	
2	PA0LOU	102	144	0	14 688	
3	PA9DD	88	141	0	12 408	
4	PA1NHZ	80	89	0	7 120	
5	PA5VK	63	82	0	5 166	
6	PA0VST	22	38	0	836	
7	PC3H	8	12	0	96	

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PI4DX	761	510	788	789 990	PI4DX

Operators: PI4DX: PD1DX, PD2R, PE1PQH, PA3GBQ.

SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NL13601R-18	49	73	0	3 577	

PJ5 - St. Eustatius & Saba

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PI6/K9VV	41	67	39	5 360	FLCG

PY1 - Brazil Call Area 1

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY1NS	21	20	0	420	RIO DXG
2	PU1MMZ	2	8	0	16	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PP1CZ	655	188	650	245 340	ARAUCARI
2	PY1PDF	44	40	0	1 760	
3	PY1SX	22	39	0	858	RIO DXG

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY1ON	1 710	466	1 712	1 594 652	RIO DXG
2	PY1GQ	416	168	406	138 096	RIO DXG

Operators: PY1GQ: PY1GQ, PY1NX. PY1ON: PY1NB, PY1ZV, PY1ON, PU1TMT.

PY2 - Brazil Call Area 2

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY2SEX	619	256	624	318 208	RIO DXG
2	PY2NA	342	193	355	134 521	ARAUCARI

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZX2B	1 061	386	1 091	830 672	ARAUCARI
2	PT2CM	973	357	997	703 290	ARAUCARI
3	PY2DY	888	291	914	524 382	CANT DXG
4	PY2SHF	365	205	374	151 495	HDXU
5	PY2MTV	287	161	313	96 600	ARAUCARI
6	PY2KJ	261	158	233	78 052	ARAUCARI
7	PY2NZ	205	158	212	65 886	ARAUCARI
8	PY2YU	128	72	108	16 992	ARAUCARI
9	PY2NY	104	56	57	9 016	ARAUCARI

Operators: PT2CM: PT2IC. ZX2B: PY2MNL.

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PR2B	1 349	376	1 387	1 028 736	ARAUCARI

Operators: PR2B: PY2BK, PY2LSM, PY2ZUX.

PY3 - Brazil Call Area 3

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY3OZ	180	133	166	46 018	ARAUCARI
2	PY3AJB	14	16	0	224	
3	PU3KNG	8	12	0	96	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY3PA	84	56	0	4 704	

PY4 - Brazil Call Area 4

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY4XX	49	40	49	3 920	RIO DXG
2	PY4ZO	5	8	0	40	RC 72

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY4OG	744	274	755	410 726	ARAUCARI

PY5 - Brazil Call Area 5

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PP5JAK	170	94	4	16 356	RIO DXG
2	PP5KR	61	42	65	5 292	ARAUCARI
3	PY5FO	14	24	0	336	PERDIGU

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PX5E	1 621	505	1 580	1 616 505	ARAUCARI
2	PY5QW	594	248	574	289 664	ARAUCARI
3	PY5DC	106	101	109	21 715	ARAUCARI

Operators: PX5E: PP5JR. PY5QW: PY5AQW.

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PT5T	1 922	483	1 932	1 861 482	ARAUCARI
2	ZY5Y	889	235	499	326 180	GADX

Operators: PT5T: PP5XX, PP5EG, PP5NZ, PY2KC, PUSAAD, PY5KD, PY2ZEA. ZY5Y: PP5BS, PP5TR, PUSICE.

PY6 - Brazil Call Area 6

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY6HD	790	289	758	447 372	BADGX
2	PY6KY	815	247	778	393 471	BADGX

PY7 - Brazil Call Area 7

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	P57AB	45	64	0	2 880	
2	PY7ZY	23	20	20	860	

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PW7T	1 765	395	1 515	1 295 600	FTALEZA
2	PY7CRA/P	234	151	229	69 913	CRAPE

Operators: PW7T: PT7AK, PT7CB, PT7CG, PT7WA, PT7YV, PT7TZ, PY8AZT. PY7CRA/P: PY7VI, PU7TLM.

PY8 - Brazil Call Area 8

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PV8RR	21	37	0	777	
2	PUB8WWW	7	6	0	42	RIO DXG
3	PUB8TLS	1	2	0	2	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PV8ABC	67	103	0	6 901	CWJF

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
2	PV8ADI	4	3	0	12	ARAUCARI

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZW8T	954	296	815	523 624	TERESINA

Operators: ZW8T: PS8HF, PS8NF, PS8RV, PS8DX, PS8ET.

S5 - Slovenia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S57DX	552	550	1 237	983 950	VRHNIKA
2	S57U	135	174	175	53 940	SCC
3	S57S	93	116	110	23 548	
4	S52WW	41	56	0	2 296	VRHNIKA
5	S57LR	14	26	0	364	SCC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S52ZW	959	586	1 019	1 159 108	SCC
2	S53M	395	268	109	135 072	SCC
3	S56A	214	291	118	96 612	MPMC
4	S51DX	67	73	79	10 658	VRHNIKA

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S59T	39	71	20	4 189	VRHNIKA

SM - Sweden

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	850C	244	305	445	210 145	SKOMT
2	SM6FKF	116	156	0	18 096	SK6HD
3	SM7ATL	104	117	19	14 391	KALMAR
4	SF3A	60	86	10	6 020	TOEC
5	S5S5	72	64	0	4 608	UPPSALA
6	SISY	62	74	0	4 588	
7	SM4WKT	54	80	0	4 320	
8	SM5DXR	52	75	0	3 900	VASTERAS
9	SM0BYD	35	68	0	2 380	SKOUX
10	SM5ISM	34	61	0	2 074	SK5LW
11	SA3BGM	22	35	0	770	SK3GK
12	SM6MVE	11	27	0	297	SK6NP
13	SM3EAE	10	18	0	180	SK3JR

Operators: 850C: SM0MPV. SF3A: SM3CER. SISY: SM5BKK.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SM4DQE	218	283	326	153 952	SK4DM
2	SM5D	171	225	332	113 175	SLOZG
3	SK2T	217	207	276	102 051	
4	SM5BMB	118	140	0	16 520	
5	S13A	42	56	0	2 352	
6	SEGY	14	33	0	462	SK6AW

Operators: S13A: SM3LIV. SK2T: SM2LIY. SM5D: SM5DJZ.

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SK7OA	271	310	0	84 010	
2	S19AM	65	99	0	6 435	

Operators: S19AM: DL7ULF, DL7VMM. SK7OA: SG7A, SM7LXV.

SP - Poland

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP3GXH	251	276	141	108 192	
2	SP5EOT	169	280	167	94 080	SPDXC
3	SP6DVP	211	281	0	59 291	SPDXC
4	SP7UWL	135	226	101	53 336	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
18	SQ8JMC	13	33	0	429	
19	SQ3VV	16	26	0	416	
20	SP5BMU	13	22	0	286	
20	SP9MDY	13	22	0	286	
22	SQ6LJV	9	14	0	126	
23	SQ6PWJ	5	10	0	50	
24	SQ3OGP	4	8	0	32	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP9LJD	511	198	779	255 420	
2	SP3GTS	77	108	99	19 008	SPDXC
3	SO6T	49	113	0	5 537	SPDXC
4	SN3C	65	72	0	4 680	
5	SN4W	46	81	0	3 726	EDIT14
6	SP8DIP	34	46	0	1 564	SP8PAI

Operators: SN4W: SP4ICP, SO6T: SP6T.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SN2B	1 539	742	984	1 872 066	SPDXC
2	SN3R	1 381	656	468	1 212 944	SPDXC
3	SP2KPD	199	251	30	57 479	
4	SN9K	76	112	129	22 960	
5	SP1PWU	97	148	0	14 356	

Operators: SN2B: SP2FAX, SP2WKB, SP3SLA, SQ2GXO, SN3R: SP3RBR, SP5XVY, SP6GNJ, SQ3JPM, SQ6ODD, SN9K: SP9-31018, SQ9NKR, SP9MDY, SP1PWU: SP1WSX, SQ1KSA, SQ1MNB, SP1ST, SQ1JGB, SP2KPD: SP2MKI, SP2UJ, SP2DKI.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP601032	26	34	0	884	

**ST - Sudan**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ST2AR	1 714	472	1 727	1 624 152	SCC

**SV - Greece**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	J43J	181	277	67	68 696	SDXG
2	SV2HWR	63	95	229	27 740	
3	SV2YC	51	83	0	4 233	RAUNG

Operators: J43J: DJ5IH.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SV1JGX	274	288	766	299 520	
2	SV1MNF/8	5	15	0	75	

**TA - Asiatic Turkey**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA2AHS	510	150	501	151 650	
2	TA3X	270	133	260	70 490	KONAK
3	TA7EB	38	50	26	3 200	GITRAD
4	TA3GO	17	20	0	340	

**TA1 - European Turkey**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA1DK	138	213	338	101 388	
2	TA1CR	37	76	10	3 572	

**TF - Iceland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TF3DC	14	22	0	308	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TF3AO	66	68	0	4 488	TRFR

**TK - Corsica**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TK4LS	18	32	0	576	

**UA - European Russia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RW1CW	365	399	800	464 835	RCC
2	RM5D	299	379	674	368 767	
3	RA4AAO	157	241	156	75 433	
4	R3LC	106	150	314	63 000	RCC
5	RU4SO	158	195	102	50 700	
6	UA6LN	165	230	0	37 950	
7	RX6LOL	104	158	123	35 866	RCC
8	RN6MA	81	153	0	12 393	RCWC
9	RN45C	88	128	0	11 264	
10	UA1CUR	49	79	89	10 902	
11	RA3DGH	74	107	0	7 918	NOGINSKY
12	RA/SM6LRR	37	70	67	7 280	
13	UA4LU	43	67	60	6 901	RCC
14	R2SA	59	100	10	6 900	RCC
15	R6CW	50	87	0	4 350	
16	RA4PBE	34	67	0	2 278	
17	RV3YR	23	35	26	1 715	RCC
18	RD4AAA	24	60	0	1 440	
19	RW3AI	29	42	0	1 218	
20	RV6AAA	27	44	0	1 188	RCWC
21	RA1QD	20	32	0	640	
22	UA7G	18	26	0	468	RU QRP
23	RZ3VA	15	26	0	390	VLADIMIR
24	RV6ACC	20	18	0	360	RCC
25	UA1CEC	8	12	17	300	ATCC
26	RQ7M	12	20	0	240	
27	UA6LIE	3	6	0	18	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RM4HZ	187	219	241	93 732	RCC
2	RW4W	116	196	131	48 412	
3	UA3SAQ	168	255	10	45 390	MICHU CG
4	UA3VFS	114	197	0	22 458	
5	RT4W	111	165	0	18 315	
6	UA4NC	55	95	73	12 160	RCC
7	UA4CC	97	90	20	10 530	RCC
8	R3DL	81	121	0	9 801	AFARU
9	RA3NC	54	128	0	6 912	
10	RM5P	66	98	0	6 468	
11	RA3TT	47	70	10	3 990	
12	U1BD	42	54	0	2 268	
13	R3QF	30	57	0	1 710	
14	UA1CEI	24	53	0	1 272	
15	RN3QLM	20	30	0	600	
16	RA3IS	4	11	10	154	CLUB22
17	RV4CT	3	6	0	18	REMO

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RU1A	1 286	884	1 630	2 577 744	RCC
2	RL3A	1 178	790	1 606	2 199 360	
3	RN3F	535	508	755	655 320	ARKTIKA

Operators: RL3A: RL3FT, RG5A, RJ3FF, RA3AAU, UA3ASZ, RN3F: RA1ZZ, RK3AW, RU1A: RD1A, R8AA, UU4JMG.

**UA0 - Asiatic Russia Call Area 0**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UA0WY	317	91	310	57 057	CSDXC
2	RA0AY	47	59	43	5 310	ARCK

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RCOF	223	173	228	78 023	BSCC
2	R0AA	199	119	201	47 600	

**UA2 - Kaliningrad**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RN2FQ	65	96	10	7 200	

**UA9 - Asiatic Russia**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RU9CC	789	312	795	494 208	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
2	UA9AL	608	250	619	306 750	SUCC
3	UA9SUX	197	156	190	60 372	
4	RW9XC	185	162	170	57 510	UCG
5	RA9MX	200	115	184	44 160	OMSK
6	UB8QAA	40	32	42	2 624	
7	R9TV	18	31	0	558	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RG9A	2 096	506	2 129	2 137 850	SUCC
2	UA9XF	701	264	696	368 808	
3	RW9QA	489	241	500	238 349	UCG
4	RL9AA	620	128	615	158 080	UCG
5	RF9C	368	168	371	124 152	UCG
6	RZ9OW	295	124	296	73 284	NCC
7	RN9CM	182	180	184	65 880	UCG
8	R9XT	85	90	84	15 210	
9	RA9AMO	51	61	39	5 490	SUCC

Operators: RF9C: UA9CIR.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RK9CYA	406	207	403	167 463	UCG
2	UA8WAA	285	156	279	87 984	

Operators: RK9CYA: RK9CR, UA9CMP, UA8WAA: Sasha, Julia.

**UN - Kazakhstan**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UP0L	2 359	494	2 328	2 315 378	UCG
2	UN9L	376	126	363	93 114	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UO5L	1 647	455	1 630	1 491 035	UCG

Operators: UO5L: UN7LAA, UN7LZ, UN9LAB, UN9LCN, UN9LFL.

**UR - Ukraine**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	US0HZ	182	269	556	198 522	UCC
2	UY7C	161	207	217	78 246	BSCC
3	UZ0U	166	162	296	74 844	UCC
4	UT4EK					

V5 - Namibia

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	V55V	2 838	510	2 230	2 584 680	SDXC

Operators: V55V: DF2UU, DJ60V, DF3GY.

VE1 - Canada Call Area 1

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE1ZA	212	180	214	76 680	MCC
2	VO1BBN	113	125	116	28 625	
3	VE1SQ	49	54	0	2 646	MCC

VE2 - Canada Call Area 2

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE2EBK	168	128	173	43 648	CGQ
2	VA2WA	94	79	93	14 773	CGQ
3	VE2KY	54	48	69	5 904	
4	VE2AXO	8	11	0	88	CGQ

Operators: VA2WA: VA2WDQ.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VY2ZM	2 387	491	1 770	2 041 087	MCC
2	VE2EZD	58	69	59	8 073	CGQ

VE3 - Canada Call Area 3

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3TW	104	80	98	16 160	CCO
2	VE3UZ	90	64	81	10 944	CCO
3	VA3GKO	60	91	0	5 460	CCO
4	VA3GUY	66	56	0	3 696	CCO
5	VE3IAE	27	49	24	2 499	CCO
6	VE3MCF	37	34	0	1 258	
7	VE3RCN	8	12	0	96	CCO

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CG3AT	1 308	346	1 317	908 250	CCO
2	VE3CX	27	30	0	810	CCO

Operators: CG3AT: VE3AT.

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3RM	1 311	365	1 304	954 475	CCO

Operators: VE3RM: VE3DZ, VE3JM, VE3RM, VA3YOJ.

VE4 - Canada Call Area 4

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE4EAR	86	83	83	14 027	

VE5 - Canada Call Area 5

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE5MX	25	30	20	1 350	

VE6 - Canada Call Area 6

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE6TL	40	40	39	3 160	ALBERTA

VE9 - Canada Call Area 9

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE9OA	39	69	44	5 727	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE9HF	105	128	106	27 008	MCC

VK2 - Australia Call Area 2

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK2IM	359	157	268	98 439	VKCC

VK3 - Australia Call Area 3

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK3TDX	647	248	624	315 208	VKCC

VK4 - Australia Call Area 4

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK4CT	515	201	418	187 533	VKCC
2	VK4QH	16	24	0	384	VKCC

Operators: VK4CT: VK4EMM.

VR - Hong Kong

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VR2XMT	55	56	0	3 080	

VU - India

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VU3LMS	9	14	0	126	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VU2JOS	21	41	0	861	

SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VU2-002SWL	61	86	0	5 246	

XE - Mexico

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	XE2B	2	6	0	12	

YB - Indonesia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YB0NFL	229	141	0	32 289	
2	YB0MWM	191	62	198	24 118	
3	YC1BTJ	154	64	150	19 456	
4	YB3IZK	99	91	89	17 108	
5	YF1AR	92	106	0	9 752	
6	YB9WZJ	139	64	0	8 896	
7	YB0COX	98	52	0	5 096	
8	YB8EL	26	34	0	884	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YB4IR	395	128	391	100 608	
2	YC1LA	447	86	0	38 442	

SWL

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	INS-99	57	56	0	3 192	

YL - Latvia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL2GUV	53	88	0	4 664	LCC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL2PP	146	224	0	32 704	LCC

YO - Romania

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YORWW	163	204	451	125 256	
2	YP2U	144	165	336	79 200	BANAT

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
3	YO4US	129	165	131	42 900	YODXC
4	YO7LHV	62	80	154	17 280	
5	YO3APJ	47	60	213	15 600	YODXC
6	YO4CVT	95	150	0	14 250	
7	YO2LAN	72	106	0	7 632	SFOX
8	YO2LXW	81	94	0	7 614	SFOX
9	YO2CJ	67	104	0	6 968	SFOX
10	YO4AAC	28	40	115	5 720	YODXC
11	YO5BTZ	62	81	0	5 022	UNIREA
12	YO9FLD	39	67	0	2 613	YODXC
13	YO2LIM	42	62	0	2 604	ARAD
14	YO4BEX	37	54	0	1 998	YODXC
15	YO3FOM	38	48	0	1 824	CSTA
16	YO3JJA	31	40	0	1 240	
17	YO9GJY/P	27	44	0	1 188	
18	YO6FPW	25	26	0	650	
19	YO8RAC	23	28	0	644	
20	YO7AWZ	15	26	0	390	
21	YO9HG	14	20	0	280	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YO9HP	402	392	783	464 520	RRDXA
2	YO3CZW	479	441	415	394 254	CSTA
3	YO4DW	266	266	125	104 006	RCRB
4	YO9IKW	167	288	0	48 096	CAMPINA
5	YP9W	83	101	336	42 319	PLOIESTI
6	YOSQAW	151	207	0	31 257	SKYLARK
7	YR1C	41	64	258	19 136	RCRB

YU - Serbia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT1Q	144	187	150	54 978	
2	YU1AST	30	38	10	1 520	YUCC

Operators: YU1AST: YU2A.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YU7KM	143	168	0	24 024	APV

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT2T	415	412	415	341 960	YUCC

ZA - Albania

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZA1TC	99	180	156	45 900	TCSWAT

Operators: ZA1TC: TA1HZ.

ZC4 - UK Bases on Cyprus

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZC4MIS	75	79	0	5 925	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZC4LI	1 345	385	1 268	1 006 005	ESBA

ZL2 - New Zealand Call Area 2

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZM2Y	18	26	0	468	

Operators: ZM2Y: ZL3IO.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	Z59Z	544	132	520	140 448	

Operators: Z59Z: Z51OIN.

**Checklogs**

BD2VJM, BG2WCG, CT1EGF, CT1ETW, CU2JT, DL1EAL, DL1KUR, DM5DX, EA1AW, EA3WD, EA4GB, EA7IP, HA3OU, HA5SE, LY9A, LZ1JZ, LZ3RN, OQ4A (ON6ML), R9QQ, RA4UAT, RM2U, RU6L, SP0PLH, SP1DMD, SP1MVV, SP2DKI, SP3CGK, SP3KPN, SP5GMM, SP9IHP, SQ5SAA, UA4SJS, UA9BA, UA9OAP/P, W9DKC, YL3FT, YO2MHJ, YO9CSM, YU7KW.

**Disqualifications**

None.

Result by DL8WPX

## WAE Award Program

The oldest and most renowned of all DARC certificates is awarded for contacts with amateur stations in many European countries and on the European islands on different bands. Each confirmed country of WAE-Countrylist counts one point per band, with a maximum of five claimed bands per country. DX stations may count two points for any contact on 160 or 80 meters. The WAE award will be issued in all modes. Mixed mode is possible. The following classes are available:

- WAE III,
- WAE II,
- WAE I ,
- WAE-TOP und
- WAE-TROPHY

The different classes require the number of WAE countries and bandpoints as tabulated below. Each WAE country counts for one point, but a maximum of 5 bandpoints may be used for one country. Stations from outside Europe may count two points for each QSO on 3,5MHz and 1,8MHz.

Class	Countries	Bandpoints
WAE III	40	100
WAE II	50	150
WAE I	60	200

Holders of the WAE I will receive a special WAE badge.

### WAE-TOP Plaque

Unlike for the WAE I-II, deleted countries do not count for the WAE-Top plaque. The WAE-Top plaque requires 70 WAE countries and 300 bandpoints.

WAE-Top is issued in all modes, also mixed.

## WAE-Trophy

For the WAE Trophy all countries which are listed on the WAE Country List at the time of the application are valid. Deleted countries may not be counted. To apply for the WAE Trophy confirmation of contacts with **every** country on the WAE Country List is required on any five bands, and 370 bandpoints are required. All amateur radio bands are allowed. Stickers will be issued for the confirmation of contacts with each country on six or more bands. Candidates for this Trophy can participate in a Top List which can be accessed at the homepage of the DARC Committee for DX and HF-Contesting.

### WAE Classic

This WAE award will be issued with the original rules. The WAE Classic is a single mode award issued in 2x CW or 2x Phone in the WAE Classes I, II or III. Only contacts on 1,8 MHz, 3,5 MHz, 7 MHz, 14 MHz, 21 MHz and 28 MHz will be counted. Four bands can be counted for each country with an extra point issued for contacts with the same station on five bands.

### WAE-Award-Manager:

Wolfgang Böhmer DF8AA  
Am Wasserwerk 4  
01796 Pirna



## WAE-Top Holders

### CW

CW-Trophy: DL6KVA + 7-Band-Sticker DL7VEE + 6-Band-Sticker DK4RM

CW-Top: DL5ARX DJ4HR DJ4XA DK3QM DL7CW DL7VEE DL3DXX DL8YR 9A20B DK6N DL5DQZ DL1LZ JA7JI HB9DDZ DL7PR DL1FU DL9JI OZ5MJ DJ3BE DL6KC DF2PI DK45Y DK7XX DL6KVA DJ4GI DL8CG DL3AZM DL7UUU HA8QC 4K9W DJ4EY LY3BA 4Z4DX DJ3XD DL9GQA DJ4VP DF3FJ DK7JI LY2ZZ DL7VOG DL1SDN DL8WN DL3ZA DJ6AU DL8AWK DL2SZA DL9OT DL6MTA G4BWP YL2RP 9A3SM OK2PO DL1AMQ DF9ZW DL1DTL DL7JA F3TH 9A2AJ DL20BF DL2KDW DL3AC DK5QK DL5LZM DL2VLA DF8MV DL3JW DL5ARS DK8SR DL9HC DJ7BP DL7UEO DL2GBB DL3NEO OH2BLF DJ5YJ DL7VOX DJ3XG DL2ZN DL5ZG DL9GTK DL5LBY DL1RWN DL6NW UR3EA N5UR 4Z5BZ DL3BBY DL6ZGX DL1HRY DJ2UP DL2DSA DJ5KB N4MM N3KR TA2DS DL3MF UX7UN HA5AF OE8SPW DJ2MN DJ3MJ OE4PWW F5YJ SP5AHR DL4BCJ YU1HX DL5AWI DL5AYI KX1A DF65W OK1FED DF5WN UA0FZ DL3SZ AD5A S51NU DJ1XQ HA7UW OZ4RT DL8DY DL9DA OK1AU W2YC HA8FW S57DZ DF4IE DL4NBE DL7VZF ON6NR DL1DCY HB9BGV DJ2WN DL4FCH HB9AGO DK2OY DL2VPF HB9EAA OE2LDM DL7MAE DJ0MR DL5JAN DL1SP DF2CQ DK6WL UU2JA PY2YP VV1DIG HA1AG RV1CC DL4MCF DL2MEG OM3CND DL1TQ JN3SAC DL3HSC EA1WX HA1RW DK2NG PA2SAM OK1DOL PY2BW S51VO OE2DYL DL2MZD DL6ATM JA2EPW DL1SVI FJ2UPM DL3NSM DF6MS DL7UPN DL2AYI SV1EOS RZ3DX DJ3GE HB9DDO DL7UCW DL2PA DM3CW DF8AA DF1TJ DK7ZH DJ8BD DM3FZN DL5DBH DL4FN W6RL DLK5H DL5KUR DK8MCT DL9UGF DK3HA IK4CIE GU4RUK DL4XU OK1FHI DJ8RF DM1TT DJ9MH DL8UP DJ5JH UA9CE5 PG7V DL1ARJ DL4MO DL7JRD DL8KJ DL4CW MMOXAU DK1AX UA9CGL DM2DXG DL1JFM DL5XL DL7LK DL8UAT DL1NEO DJ5FZ LY3W DL9GCG DK9CG RX3AGD DL4CF DL5ZB DL5ASK DL3GER DF5WBA DL8DWW DK3BT DK5DC KQ0B DL7BA

### FONE

FONE-Trophy: DF4PL + 7-Band-Sticker DK2LO DL7VEE

FONE-Top: DL1SDN DF4PL DL7VEE DJ4XA DL7FP DK7NP DJ2UJ DL1SWG DL9H DF3UJ DL7UUU DK8UH DL6KY DL6SDA OE6CLD DJ5RP DL9XW CT1BH LY2ZZ ON7ZM N4CSF HB9AJ DF3UB DL3MCG DL1SP TAZDS DF7XH DK3BN ON4AOI HB9AUT RW95G DJ5KB DL6LE HB9BHY DJ6AU DL1RWN K1BD N4MM DL6XK UA9CBO K6VX DL1BRD DM3UH DL1DXF DL7PR DK4MO DL1DWT 4Z5GV DL3EA UA4SKW DL8PA NSFG DL2CHN 9A2YC S57DZ W2YC DL1DCY DL2VPF DL3NCR KT1J HB9BGV DL2UH DM3FF DK2LO DJ4GI DL6NBR DL4MCF HA7UW DK3RP DJ2WN DL8YR EA7ST PY2BW PY2YP DL3IAC OE2DYL OE2LDM EA7ABX DL3SUG DJ0VZ UA12KF SV1EOS DL18ARJ HB9AAA DL4DKM OE25CM DJ5KL DH2PL EA1YY DK4RM KU4BP EA10 DL1DUO DL5MDM DHS5AO DK6CQ EA1JG DL7APK DM3KTO DJ9MH DL1TS 4Z5FL/m DL2RTL DL8AAV T8II HB9DDO DL3OV DL4SVA DL4DZL MMOXAU 9A2JH DK8MCT DF2FZ DL1NEO DL5ZB GM5SA DC9ZP EA1CP

### MIXED

MIXED-Trophy: DJ4XA + 6-Band-Sticker DL7VEE + 7-Band-Sticker DL6ATM DK0EE + 6-Band-Sticker HB9BGV + 8-Band-Sticker DL1AMQ DF4PL + 8-Band-Sticker DL6XK + 6-Band-Sticker DK4RM + 7-Band-Sticker DL7BU DL5ZB OH2YV

MIXED-Top: OE1WEU PY2DBU S53EO DL2AYJ DL4MM DK2DQ HA9PP DL4MCF DK0EE DK6CQ DL2JX DL4FDM DL7UGU HB9DDZ DL5MDM DL3HSC DL7BU ON4CS DL1ECC DL4NN UA9CGL K1BD DL5XU DL5KUD DF5AU DL2AYJ DF3IS ZL2AL DJ2MG HB9DDO DL7UCW Y06EX DF7ZS DJ9KM PAOKDM W7PAQ OH3MKH HA1ZH DL9GFB DL5MHQ DL2UJ HB9DRS W6RL DL9DS UA3BS S55DX DL1ET DL6ATI DK7LX DL2VNL DF5BX DL5FU HA8TI DC9ZP DL3TC DL3TD DL1TPY DL13YA HZ1IK F8DZY DJ5JH DL8BED DK0PM DJ8VC DJ8ES DL7HY R20AF DL3JPM DF9DD DG7RO DL3HWD DL8LXL HB9TUD DK6IM KQ0B DF6TC DL3LBM DL9LF OM77J DF4UM DL1TRK DL1EA DL6USA UX1AA DF9OO HB9BOS RU3PU AB1J DL3ANK DL3ZAI DH5MM W8OP DK1BX DL5JRA IW0HOU DC0NA DL5ASK UT9FJ DL8UAT RW4NN RN3AKK DL5ZB DL1EAL DL5ASK DL5IB DK5DC NP3DO OE1TKW DL7UXG DM5JBN DK8IF DL5AN DL5VWV HB9TQL EA3GHZ DL6MRS UA3FX JA1JAT DL2TOS DL8UO DM2DXA RZDW

### RTTY

RTTY-Top: DL7VOG DL7VEE DL4MCF DL1SP DL5ZB UT9FJ

### SWL

SWL-Trophy mixed: DE0WAF

SWL-Top CW: DE0DXM DE0THM DE0AAA Maxi\_Penn DE0GFM LYR-794 DE1AJH OK1-34856

SWL-Top SSB: OH2-612 DE0HJP ONL4003 DE0WMS DE7KKB F-10095 ONL7681 DE0PYA DE0MST DE0RFR DE1HKD DE0WAF

SWL-Top MIXED: DE0MAN DE0WAF DE0DKR DE3MKM

SWL-Top RTTY: DE0WAF

Worked All Europe DX Contest (WAEDC) RTTY 2011  
Final scores

4L - Georgia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4L1BR	602	322	671	409 906	BSCC

4X - Israel

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4Z5CP	890	462	967	857 934	
2	4Z5FI	408	252	878	324 072	IARC
3	4Z5MY	20	32	0	640	IARC

5B - Cyprus

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5B4AIF	1270	574	1431	1 550 374	

9A - Croatia

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A2BW	162	224	0	36 288	CROATIAN

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A7R	95	110	0	10 450	Croatian
2	9A4W	43	72	0	3 096	Croatian

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	9A7B	296	277	0	81 992	CROATIAN

Operators: 9A7B: 9A3CVT, 9A3CVN, 9A3CVR, 9A3CVS.

BV - Taiwan

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BV100	671	355	209	312 400	

Operators: BV100: BM2AAV, BV2KI, BV2KS, BX4AN.

BY - China

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BD3RQ	266	220	0	58 520	
2	BD2BT	31	46	0	1 426	
3	BD3MF	8	14	0	112	
4	BA4SCP	2	6	0	12	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	BA5HAM	367	152	350	108 984	
2	SV1BDO/BY1RX	75	80	0	6 000	

CE - Chile

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CE4SFG	428	264	298	191 664	
2	CE3PG	356	182	396	136 864	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CE3FZ	133	118	0	15 694	

CM - Cuba

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CO2CW	631	390	253	344 760	
2	CO2ZK	212	217	0	46 004	
3	CM2RVA	214	180	0	38 520	
4	CO2AJ	176	203	0	35 728	
5	CO2VE	133	125	29	20 250	
6	CO2GL	97	123	17	14 022	
7	CO2IZ	74	129	0	9 546	

Operators: CO2AJ: ALBERTO CRUZ GONZALEZ.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	CO2QM	163	181	0	29 503	

CN - Morocco: SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5C5W	1 561	647	938	1 616 853	

Operators: 5C5W: CN8KD.

DL - Germany

SINGLE-OP LOW

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DF1MM	I18	742	647	923	1 077 255	
2	DF4WC	F39	975	646	617	1 028 432	DRCG
3	DL5KUD	Z89	649	627	711	852 720	
4	DK3RA	V10	584	604	663	753 188	
5	DF8XC	N01	649	548	658	716 236	RRDXA
6	DL7DZ	I11	627	540	302	501 660	
7	DK4MX	X35	470	429	576	448 734	
8	DL5JS	R01	404	439	618	448 658	BCC
9	DJ1RK	X17	391	471	560	447 921	
10	DL1DTL	S01	443	455	419	392 210	RRDXA
11	DL6SFR	P11	429	448	360	353 472	DRCG
12	DL6AWJ	X23	529	476	193	343 672	
13	DJ4MH	I38	499	443	270	340 667	RRDXA
14	DL1ZBO	F42	446	451	259	317 955	DRCG
15	DD1LI	M11	367	381	454	312 801	DRCG
16	DL4JYT	S54	453	444	235	305 472	
17	DL5ARM	X33	521	437	176	304 589	
18	DK2MA	F76	464	420	253	301 140	
19	DK5IR	A22	342	339	535	297 303	DARC A22
20	DJ6OZ	E18	429	484	180	294 756	
21	DL8NBE	B10	333	393	377	279 030	BCC
22	DO4DXA	C30	314	252	749	267 876	BCC
23	DL6NDW	C12	298	379	387	259 615	BCC
24	DM2RM	E28	383	382	263	246 772	RRDXA
25	DL3ANK	X35	528	450	0	237 600	
26	DL9SUB	V14	477	439	28	221 695	
27	DM5JBN	S60	470	457	0	214 790	BCC
28	DH6BH	I54	301	336	304	203 280	
29	DJ3JD	H03	337	352	214	193 952	
30	DJ4WM	H40	338	374	170	189 992	
31	DG0CG	S19	438	422	0	184 836	
32	DL1FCU	F54	402	419	0	168 438	DOK F-54
33	DJ2YA	O39	185	326	331	168 216	RRDXA
34	DJ5TT	S59	340	345	146	167 670	BCC
35	DL9NO	B18	446	371	0	165 466	
36	DL5KM	X10	302	325	194	161 200	
37	DJ6GR	H03	381	423	0	161 163	H03
38	DL0DIX	X20	339	369	74	152 397	BCC
39	DL1APX	X31	338	370	66	149 480	
40	DM4YWL	S27	326	381	56	145 542	
41	DF2OZ	N20	357	348	10	127 716	RRDXA
42	DL4NN	B31	259	302	137	119 592	BCC
43	DK4RL	Z91	319	280	80	111 720	
44	DL5SWB	V14	343	323	0	110 789	
45	DL5GAC	P09	237	224	246	108 192	BCC
46	DL7URH	S41	226	275	132	98 450	BCC
47	DL5JBW	Y14	299	311	0	92 989	
48	DF9ZP	F27	307	134	385	92 728	BCC

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
49	DL1MAJ	C25	163	234	228	91 494	BCC
50	DO9PL	R24	345	264	0	91 080	RRDXA
51	DL9GCG	P03	274	330	0	90 420	
52	DL6NWA	V11	314	236	0	74 104	
53	DL2YCA	F27	277	240	0	66 480	DRCG
54	DO3PKE	Y25	289	230	0	66 470	AFC-NL
55	DL8ZVG	W37	229	269	10	64 291	BCC
56	DL6MHW	W37	133	200	185	63 600	BCC
57	DL1TPY	Y09	246	252	0	61 992	
58	DB2BJT	I49	231	242	0	55 902	
59	DF1HF	E21	162	232	78	55 680	
60	DJ2YE	R09	192	269	0	51 648	RRDXA
61	DL7FA	DO8	221	233	0	51 493	RRDXA
62	DL1DVE	S21	136	187	135	50 677	BCC
63	DL9FB	W33	187	243	0	45 441	
64	DL3WKG	W37	198	223	0	44 154	
65	DG0OSK	X37	186	233	0	43 338	BCC
66	DL6ABB	H03	198	213	0	42 174	CCHH
67	DL5ZB	S19	145	173	86	39 963	
68	DJ5HB	H04	191	205	0	39 155	
69	DK9MH	C18	155	198	39	38 412	
70	DJ6UP	G06	180	208	0	37 440	
71	DL1RTL	Y34	130	174	75	35 670	
72	DJ8UB	P05	178	194	0	34 532	
73	DJ6JH	A53	115	126	155	34 020	
74	DO1RJ	U01	172	96	176	33 408	BCC
75	DF9OO	H01	146	226	0	32 996	
76	DL8MAS	T19	107	136	129	32 096	BCC
77	DM5JL	S04	157	193	0	30 301	
78	DK3PM	V02	149	200	0	29 800	
79	DO6SR	P20	187	158	0	29 546	BCC
80	DL3EBX	R09	154	190	0	29 260	RRDXA
81	DK5M	X24	120	120	116	28 320	RRDXA
82	DO1CDE	S19	158	172	0	27 176	
83	DL8DWL	S25	147	157	20	26 219	
84	DJ2GM	C12	129	200	0	25 800	BCC
85	DK2TG	Y11	71	90	210	25 290	
86	DL2LMS	S34	94	115	120	24 610	S 34
87	DL3DRN	S27	143	166	0	23 738	S27
88	DH3RB	N01	130	177	0	23 010	RRDXA
89	DL4EAX	R22	129	164	0	21 156	RRDXA
90	DL2SAX	P05	128	152	10	20 976	DARC P05
91	DF6JF	L16	139	140	0	19 460	L16
92	DL9XAW	E10	152	128	0	19 456	darc DO
93	DL4EBW	R29	111	170	0	18 870	RRDXA
94	DD5MA	G17	106	176	0	18 656	RRDXA
95	DL1NOS	X37	118	157	0	18 526	BCC

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
124	DB1EPO	R20	52	66	0	3 432	Meerbusc
125	DF6ZY	F05	46	74	0	3 404	DRCG
126	DL6ZBN	F27	40	82	0	3 280	
127	DK7GH	A05	48	62	0	2 976	
128	DF6YC	N04	44	67	0	2 948	
129	DL2ZA	U15	47	60	0	2 820	BCC
130	DG5HFS	E34	32	58	10	2 436	BCC
131	DL3ARK	X36	43	46	0	1 978	
132	DC1SK	X06	33	52	0	1 716	DX GROUP
133	DF5WW	K50	34	50	0	1 700	RRDXA
134	DL1ARJ	X28	29	36	9	1 368	
135	DM3F	S07	21	39	0	819	World Wi
136	DK2AB	Y36	24	34	0	816	WWYC
137	DK5DC	O49	22	36	0	792	
138	DO5TMM	P19	15	36	0	540	
139	DK3AX	B18	11	18	0	198	
140	DF7JC	R02	11	16	0	176	RRDXA
141	DL2MJ	H59	6	12	0	72	
142	DH1JH	X22	5	11	0	55	X22

Operators: DG0CG: 1. DJ2YE: Diethelm Burberg. DK5M: DL5AOJ, DL0DIX: DJ2AX. DL1NOS: DL1NOS@DARC.DE. DL6UAM: /. DM3F: DH5FS.

**SINGLE-OP HIGH**

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DL1IAO	A24	1 515	1 004	2 385	3 915 600	BCC
2	DL4RCK	DVU	1 160	699	1 181	1 636 359	DRCG
3	DD1JN	B10	758	624	504	787 488	BCC
4	DJ3NG	B07	756	546	652	768 768	BCC
5	DH0GHU	C07	596	511	867	747 593	BCC
6	DJ3IW	U13	412	568	854	719 088	DRCG
7	DK6CQ	C25	558	523	774	696 636	BCC
8	DL1SWB	V28	654	536	563	652 312	
9	DL8RDL	U08	553	539	597	619 850	BCC
10	DF5MA	C26	880	542	226	599 452	BCC
11	DL4ME	X30	538	496	535	532 208	RRDXA
12	DK1KC	B10	469	483	627	529 368	BCC
13	DM2BPG	W33	549	469	494	489 167	
14	DL5KUT	V08	505	378	742	471 366	BCC
15	DJ9MH	B10	410	477	548	456 966	BCC
16	DL9NCR	B07	500	433	509	436 897	BCC
17	DJ1ER	K51	482	482	362	406 808	BCC
18	DF2TT	C09	404	427	369	330 071	BCC
19	DF9GR	T01	419	419	356	324 725	BCC
20	DJ9RR	E03	395	375	382	291 375	BCC
21	DJ2IA	F43	387	474	205	280 608	
22	DJ5IW	C27	391	364	377	279 552	BCC
23	DL1NEO	B36	421	451	194	277 365	BCC
24	DJ6TK	M03	488	443	120	269 344	RRDXA
25	DL5ASK	X29	379	408	228	247 656	
26	DJ8EW	C25	333	398	269	239 596	BCC
27	DC3RJ	B25	641	344	0	220 504	RRDXA
28	DL9NDV	X22	258	388	310	220 384	BCC
29	DP4N	B17	248	276	474	199 272	BCC
30	DC9ZP	G10	409	449	0	183 641	
31	DL5MEV	C16	300	305	228	161 040	BCC
32	DF6RI	U15	288	312	138	132 912	BCC
33	DL8OH	I49	350	311	67	129 687	BCC
34	DK1AX	P61	234	264	244	126 192	BCC
35	DK7ZT	F15	194	289	144	97 682	RRDXA
36	DF5BX	I37	249	300	75	97 200	RRDXA
37	DL6UNF	Y27	302	250	0	75 500	
38	DG0KS	V02	247	230	40	66 010	RRDXA
39	DF2LH	E12	143	246	0	35 178	BCC
40	DF3IS	A36	136	203	10	29 638	DARC A36
41	DJ4EY	Z92	187	126	0	23 562	RRDXA
42	DJ6TB	C16	81	146	79	23 360	BCC
43	DL3MR	S05	128	178	0	22 784	DARC S05
44	DG9YCA	N01	123	166	0	20 418	RRDXA
45	DJ9AO	X22	108	94	107	20 210	wwyc
46	DA0I	I08	115	141	0	16 215	BCC
47	DK1AQ	I13	86	166	0	14 276	
48	DL8DBW	O43	82	160	0	13 120	
49	DJ8ES	Z71	94	136	0	12 784	
50	DL2OE	Y15	76	138	0	10 488	BCC

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
51	DL4PY	K45	107	96	0	10 272	
52	DJ1XT	M15	78	88	29	9 416	
53	DG1RPU	Y06	72	119	0	8 568	
54	DL5YM	Y21	69	86	20	7 654	RRDXA
55	DL9GTB	V11	46	78	0	3 588	RRDXA
56	DL1YFF	N01	25	32	79	3 328	RRDXA
57	DL5KUR	V02	24	44	0	1 056	
58	DL8USA	Y13	14	26	0	364	

Operators: DA0I: DK1II. DL6UNF: DARC Y27 DL6UNF. DP4N: DL4NER.

**MULTI-OP**

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DQ4W	Z06	1 655	1 017	1 874	3 588 993	BCC
2	DM3W	Y24	1 159	898	1 244	2 157 894	BCC
3	DL5L	X23	1 204	831	1 087	1 903 821	
4	DK0OG	C15	1 341	753	1 087	1 828 284	BCC
5	DK0IU	E34	1 024	697	836	1 296 420	BCC
6	DD1A	A25	956	648	677	1 058 184	RRDXA
7	DF5A	V11	643	591	625	749 388	
8	DF1LK	M15	322	379	132	172 066	BCC
9	DM5G	X20	288	350	185	165 550	X20
10	DO6XX	S50	195	154	0	30 030	BCC
11	DM3B	Y14	148	182	0	26 936	Club DAR

Operators: DD1A: HB9BL, DH1GAP, DJ0LX, DL1II. DF5A: DL1THB, DL9GMN, DL9GWD, DK0IU: DH6KM, DJ4KW, DK1IP, DK9HE, DL2SWW, DL9HO. DK0OG: DD2ML, DJ1MM, DM5TI. DL5L: DG0OKW, DH8WE, DL1ALF, DL5ANS, DL75MK, DM2MF. DM3B: DG2BWS, DL3BWG. DO6XX: DO6XX, DL2JRM. DQ4W: IN3QBR, DG7RO, DJ4MZ, DK7MCK, DL2MLU, DL6RAI, DO5ALX.

**SWL**

Place	Callsign	DOK	QSOs	Multi	QTCs	Total Score	Club
1	DL-P01-17291	P01	0	0	0	466 980	
2	DE1APQ	X21	0	0	0	165 232	

**DU - Philippines**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	DV1JM	214	168	223	73 416	
2	DV1/J07KMB	169	184	194	66 792	

**E7 - Bosnia-Herzegovina**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	E77M	282	292	0	82 344	
2	E74AA	344	215	0	73 960	SCC
3	E73PY	41	62	0	2 542	RK Cajni

Operators: E77M: CEPT I.

**EA - Spain**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EB2RA	195	175	340	93 625	ARA AMIG
2	EA1GT/QRP	338	265	0	89 570	
3	EA1AY	228	239	97	77 675	
4	EB3JT	239	271	0	64 769	
5	EA3GLB	238	202	0	48 076	
6	EA1GHT	240	184	5	45 080	
7	EA5HIH	261	139	0	36 279	
8	EA7AZA	153	196	0	29 988	
9	EB5CS	162	170	0	27 540	
10	EA1AHA	137	183	0	25 071	
11	EA7TG	192	108	0	20 736	URE
12	EA3FHP	99	90	0	8 910	
13	EC5AEZ	47	89	0	4 183	
14	EA3BD	47	74	0	3 478	
15	EB3GIH	56	54	0	3 024	
16	EA4AFP	38	52	7	2 340	
17	EB1DMQ	38	44	0	1 672	
18	EA1HRR	27	38	0	1 026	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
19	EA1EWY	8	10	0	80	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA1AST	500	384	602	423 168	Radio CI
2	EA5DM	515	479	163	324 762	
3	EASHAB	650	391	0	254 150	
4	EASHT	258	225	0	58 050	
5	EC5BZR	208	164	0	34 112	
6	EA3ANE	101	113	0	11 413	
7	EA1EPM	103	90	10	10 170	
8	EA1XT	57	32	0	1 824	
9	EA3CEC	23	46	0	1 058	

**EA8 - Canary Islands**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA8OM	894	472	1 665	1 207 848	BCC
2	EA8AQV	152	218	0	33 136	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EA8URL	1 580	645	1 651	2 083 995	U.R.E. L

Operators: EA8URL: EA8NL, EA8AXB, EA8BQM, EA8CYQ, EA8GL, EA8MT, EA8BEX.

**EI - Ireland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EI3GC	687	393	444	444 483	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EI2GLB	100	124	97	24 428	CDXC

**ER - Moldova**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ER5LL	485	317	0	153 745	
2	ER3ZZ	166	238	0	39 508	BSCC

**ES - Estonia**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ES4RD	371	222	330	155 622	STV Radi

**EU - Belarus**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	EW1NM	744	422	62	340 132	
2	EW1IP	510	456	0	232 560	BRCC
3	EW7KF	468	342	0	160 056	BSCC
4	EW8OG	432	363	0	156 816	
5	EU6AA	381	317	0	120 777	KDR
6	EW8NN	492	216	0	106 272	
7	EW8OF	304	281	0	85 424	
8	EW6DM	218	249			

F - France

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-12.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-6.

FM - Martinique

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

G - England

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-15.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-4.

MULTI-OP

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-2.

Operators: MXOHTJ: 2E0MEH, MOVKG.

GM - Scotland

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

GU - Guernsey

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

GW - Wales

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

HA - Hungary

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-6.

Operators: HG8C: HABEK.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-2.

HB - Switzerland

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-2.

HI - Dominican Republic

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

HK - Colombia

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-2.

HL - South Korea

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

HZ - Saudi Arabia

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-2.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

I - Italy

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-4.

Main table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 5-32.

Operators: I11TO: IZ1DXS, IQOAP: IK0BZE, IR2ITA: IZ2EWM.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Rows 1-11.

SWL

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

IS - Sardinia

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

IT9 - Sicily

SINGLE-OP HIGH

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

J3 - Grenada

SINGLE-OP LOW

Table with 7 columns: Place, Callsign, QSOs, Multi, QTCs, Total Score, Club. Row 1.

JA0 - Japan Call Area 0

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA0CGJ	729	359	524	449 827	
2	JH0INP	517	388	550	413 996	

JA1 - Japan Call Area 1

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JM1NKT	419	334	726	382 430	
2	JG1IEF	243	242	249	119 064	
3	JA1MZZ	147	136	121	36 448	
4	JA1IZ	166	194	0	32 204	
5	JP1HUJ	117	138	112	31 602	
6	JH1XUZ	179	102	0	18 258	
7	7M1MZY	78	112	23	11 312	
8	JJ1LRD	76	113	0	8 588	
9	JA1BHK	55	82	44	8 118	JARTS
10	JS1IFK	68	68	47	7 820	
11	JA1BWA	47	90	0	4 230	RTTY Con
12	JA1BFN	64	56	0	3 584	
13	JP1PYJ	49	58	0	2 842	
14	JA1CPZ	48	58	0	2 784	
15	JE1RRK	21	24	0	504	
16	JH1RRP	12	20	0	240	
17	JE1CAC	8	16	0	128	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JM1XCW	791	478	1 514	1 101 790	
2	JA1OVD	815	525	861	879 900	
3	JA1AYO	351	326	670	332 846	
4	JO1WKO	122	149	117	35 611	

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA1AZR	52	69	7	4 071	

JA2 - Japan Call Area 2

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	7N2UQC	73	90	145	19 620	RTTYCJ
2	JA2GHP	81	111	33	12 654	
3	JR2AAN/2	6	10	0	60	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA2VHO	25	43	0	1 075	

JA3 - Japan Call Area 3

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JG3FEA	358	349	623	342 369	
2	JA3IKG	330	278	559	247 142	
3	JF3NKA	357	284	479	237 424	
4	JH3CUL	402	266	478	234 080	
5	JA3HBF	214	251	169	96 133	
6	JA3JM	137	148	86	33 004	
7	JE3UHV	104	123	71	21 525	
8	JN4IGK/3	20	36	0	720	
9	7K3OZQ	3	6	0	18	
10	JH3DMQ	0	0	0	0	

JA4 - Japan Call Area 4

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JR4VEV	287	302	433	217 440	
2	7L4IOU	57	87	110	14 529	JARTS

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JO4CFV	193	195	181	72 930	
2	JO4CTB	118	152	0	17 936	

Operators: JO4CTB: KOJI SHIMIZU.

JA5 - Japan Call Area 5

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JG5DXH	89	112	160	27 888	
2	JA5FMT	37	64	0	2 368	

JA6 - Japan Call Area 6

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA6DUJ	364	363	628	360 096	

JA7 - Japan Call Area 7

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JH7RTQ	462	272	604	289 952	
2	JE7HYK	145	155	84	35 495	
3	JA7FYU	6	10	0	60	

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA7IC	566	359	708	457 366	RTTY Con

JA8 - Japan Call Area 8

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA8EJU	166	206	433	123 394	

JA9 - Japan Call Area 9

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	JA9LX	145	168	178	54 264	

K0 - United States Call Area 0

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K0TI	829	450	516	605 250	MNWA
2	AB0LR	636	462	484	517 440	
3	KCODEB	509	412	221	300 760	KANSAS C
4	K0BJ	461	344	0	158 584	
5	KS0M	226	253	294	131 560	
6	WORAA	432	246	70	123 492	GMC CO
7	K0YQ	204	220	131	73 700	
8	WOQQG	231	274	0	63 294	
9	W0PV	104	182	52	28 392	
10	KA0EIC	145	192	0	27 840	
11	K0FBV	72	84	0	6 048	
12	K0LDS	21	47	0	987	
13	KJ0P	12	24	0	288	MNWA

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K0KX	750	624	740	929 760	MNWA
2	KS0AA	883	458	1 026	874 322	
3	W0YR	490	346	950	498 240	PVRC
4	K0JJR	661	472	30	326 152	MNWA
5	K0ALT	379	304	276	199 120	GMC CO
6	K0JPL	247	247	0	61 009	SMC
7	K0BX	121	199	68	37 611	MISSISSI
8	KC0VTJ	109	125	0	13 625	
9	N0BK	29	34	35	2 176	MNWA

MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W0LSD	994	701	1 069	1 446 163	GMC CO
2	K0FYI	19	34	0	646	

K1 - United States Call Area 1

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W1BYH	449	521	247	362 616	CTRI CON
2	AB1OD	405	400	407	324 800	
3	W1CCE	331	354	202	188 682	
4	K1PU	276	329	186	151 998	Meriden
5	AB1J	396	359	0	142 164	
6	AD1L	185	250	289	118 500	
7	KA1C	213	250	186	99 750	
8	W1/YO7ARY	216	239	150	87 474	YO DX CL
9	K1VU	200	287	80	80 360	YCCC
10	W1MAT	248	168	186	72 912	YCCC
11	N1API	273	226	0	61 698	YCCC
12	N1MGO	142	160	206	55 680	YCCC
13	W1UJ	157	145	174	47 995	THE BARN
14	K1ING	150	134	65	28 810	
15	WA1ZYX	66	92	20	7 912	
16	WA1N	17	40	0	680	YCCC

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N1IW	848	552	278	621 552	YCCC
2	AE1T	594	443	467	470 023	YCCC
3	KE1B	524	360	697	439 560	NCCC
4	K1KO	411	291	749	337 560	PVRC
5	W1TO	283	278	592	243 250	YCCC
6	W1MAW	387	315	211	188 370	YCCC
7	W1AJT	290	276	167	126 132	CCO
8	WA1Z	116	137	129	33 565	YCCC
9	N1MD	57	95	0	5 415	

K2 - United States Call Area 2

SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K2EN	1 114	580	0	646 120	OCARC
2	N2FF	456	446	722	525 388	OBONY
3	K2DSL	562	459	569	519 129	Bergen A
4	WB2RHM	404	423	603	425 961	Mecklenb
5	K2YG	395	434	501	388 864	NPARC
6	KA2D	277	355	409	243 530	OBONY
7	WA2MCR	319	305	128	136 335	Hudson V
8	N2MUN	253	232	193	103 472	OBONY
9	N2WN	312	126	478	99 540	TNCG
10	NC2N	116	162	70	30 132	YCCC
11	N2GA	133	128	0	17 024	OBONY
12	N2NS	112	118	0	13 216	NCCC
13	KB2HSH	107	108	0	11 556	
14	KC2JKU	72	120	20	11 040	OCARC
15	KS2G	50	88	45	8 360	OBONY
16	K2PO	66	95	19	8 075	Willamet
17	WA3AFS	47	106	0	4 982	HUDSON V
18	KB2NB	39	75	0	2 925	
19	WA2VQV	1	2	0	2	

Operators: NC2N: EW1AR.

SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N2WK	753	674	937	1 139 060	OCARC
2	WA2TMC	980	479	599	756 341	OCARC
3	WA2ETU	635	468	740	643 500	
4	W2YE	678	479	661	641 381	PVRC
5	N2CU	536	377	796	502 164	WNYDXA
6	K2NV	257	223	383	142 720	WNYDXA
7	W2GG	216	241	303	125 079	PVRC
8	W2OO	88	137	0	12 056	TNCG
9	NG2P	91	113	0	10 283	Rocheste
10	K2MK	55	58	111	9 628	



Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
11	N2CJ	66	109	0	7194	

Operators: N2CJ: Glenn.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W2ORC	84	82	66	12300	OCARC

Operators: W2ORC: KL7ILLU, KA2BCE, KA2BCF, N2WK, KZ2R, WZ2MM.

**K3 - United States Call Area 3**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KN3A	198	277	227	117725	Alleghen
2	WB8YYY	203	271	50	68563	PVRC
3	N3AFT	40	44	0	1760	PVRC
4	N3JNX	20	24	0	480	
5	K3TW	7	21	0	147	FLCG

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W3LL	1424	768	1733	2424576	PVRC
2	NE3H	918	564	623	869124	PVRC
3	W3FV	799	498	925	858552	FRC
4	K3MD	678	377	848	575302	FRC
5	WA3FRP	533	460	561	503240	UPARC
6	N3RC	675	344	0	232200	Northern
7	N3XL	260	270	160	113400	PVRC
8	K3WW	235	230	177	94760	FRC
9	K3RWN	129	166	104	38678	Skyview
10	N3BM	98	150	118	32400	PVRC
11	NN3RP	56	81	20	6156	PVRC
12	NB3R	32	48	0	1536	DELAWARE
13	N3UA	32	40	0	1280	PVRC

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WY3P	242	280	138	106400	PVRC

Operators: WY3P: N3MK, N3VOP.

**K4 - United States Call Area 4**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WE4M	1585	742	1867	2561384	PVRC
2	AB4SF	568	532	650	647976	
3	WD4GBW	545	349	1308	646697	
4	W4GDG	545	426	484	438354	PVRC
5	K4MIL	235	272	278	139536	PVRC
6	N4CW	328	307	0	100696	PVRC
7	K4FTO	209	243	86	71685	PVRC
8	N4MTT	225	221	79	67184	
9	K4EDI	121	153	125	37638	TNCG
10	WB4M	91	128	110	25728	
11	KI4UDF	115	110	67	20020	PVRC
12	W4BK	73	115	49	14030	TNCG
13	W4EE	67	105	0	7035	PVRC
14	W4JHU	63	81	0	5103	LOUDOUN
15	W4BCG	48	90	0	4320	TNCG
16	KM4RK	41	91	0	3731	LCCC

Operators: WE4M: N2QT.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K4GMH	1684	804	2285	3191076	PVRC
2	K9OM	1006	654	1559	1677510	FLCG
3	K4FX	787	440	1006	788920	
4	W4GKM	747	424	800	655928	Crossvil
5	K4RO	653	399	794	577353	TNCG
6	K4HMB	462	386	837	501414	South Ea
7	KJ4DHB	509	370	833	496540	CAROLINA

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
8	AB4GG	498	408	574	437376	TNCG
9	N4LV	411	384	596	386688	CAROLINA
10	W6HGG/4	346	375	527	327375	
11	KR4LO	311	320	464	248000	CAROLINA
12	NJ4F	316	346	348	229744	LCCC
13	W4XMT	220	249	287	126243	CAROLINA
14	AF4RK	363	250	131	123500	
15	AI4WW	218	257	143	92777	
16	K4HAL	240	218	180	91560	Alabama
17	AJ4CG	194	235	131	76375	
18	N4TL	148	213	0	31524	PVRC
19	N4ZZ	193	125	20	26625	TNCG
20	K4IU	123	169	30	25857	MNWA
21	AD4EB	117	76	154	20596	TNCG
22	NZ4O	112	156	0	17472	
23	AJ4FM	100	154	0	15400	PVRC
24	N4TB	94	133	15	14497	FLCG
25	KB4KBS	76	107	0	8132	South Ea
26	W4GHD	47	66	0	3102	TNCG

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WB4MSG	945	518	912	961926	PVRC

**K5 - United States Call Area 5**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K5WW	320	270	85	109350	
2	AA5VU	182	194	0	35308	Central
3	N5PU	145	138	42	25806	
4	N5RMS	99	136	74	23528	Central
5	AD5LU	113	138	0	15594	
6	AE5MM	96	106	0	10176	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	WASZUP	1390	655	1300	1761950	
2	NX5O	789	417	1072	776037	
3	K7IA	551	394	662	477922	
4	K5ZD	99	112	167	29792	YCCC
5	KF5HHD	86	87	0	7482	
6	W5XB	60	86	23	7138	SEDX CLU
7	W5KI	39	61	0	2379	

**K6 - United States Call Area 6**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W6YX	331	363	468	290037	NCCC
2	W6UX	527	336	263	265440	
3	W6ZL	185	205	78	53915	
4	W6KY	183	211	52	49585	SCCC
5	W5JBO	215	220	0	47300	
6	W6TK	91	126	0	11466	SCCC
7	KO6LU	46	68	0	3128	NCCC
8	K6MSM	28	40	0	1120	
9	N6BHx	29	30	0	870	
10	N6DZR	12	22	0	264	NCCC

Operators: W6YX: N6DB, @W6YX.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K6HGF	989	516	1048	1051092	
2	N6ML	713	560	718	801360	NCCC
3	W6OQI	520	343	566	372498	
4	N6HE	445	371	348	294203	SCCC
5	W6SX	452	342	240	236664	NCCC
6	N6QQ	324	377	199	197171	SCCC
7	K6GEP	314	349	175	170661	SCCC
8	N6WS	225	216	283	109728	SCCC
9	W5DQ	280	300	0	84000	
10	K65FK	273	305	0	83265	Redwood

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
11	K6DEX	217	184	10	41768	SCCC
12	NK6A	183	178	0	32574	SCCC
13	WU6W	124	168	0	20832	NCCC
14	W6RLL	139	148	0	20572	AOCC
15	W6RKC	119	154	0	18326	Mother L
16	WB6JJ	64	125	0	8000	NCCC

**K7 - United States Call Area 7**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K7TQ	721	486	631	657072	Spokane
2	W1ZD	489	385	374	332255	AOCC
3	N7ESU	327	264	0	86328	
4	KJ7GI	217	222	47	58608	
5	N7VEA	188	267	0	50196	
6	WA7BME	81	109	0	8829	
7	KX7L	72	95	19	8645	WWDXC
8	KCV7	76	98	0	7448	AOCC

Operators: N7ESU: Jim Monroe.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N6MA	694	530	664	719740	NCCC
2	W7VXS	596	407	650	507122	WWDXC
3	K7HP	561	376	170	274856	AOCC
4	KO7AA	288	278	431	199882	AOCC
5	K7OM	315	375	167	180750	LCCC
6	K7XC	314	220	0	69080	NCCC
7	NO7T	238	222	0	52836	AOCC
8	KI7Y	208	231	0	48048	Willamet
9	W7PU	304	130	7	40430	ALL AMAT

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	K7MKL	349	368	40	143152	NCCC
2	NW7D	251	327	102	115431	WWDXC
3	K7AWB	154	213	0	32802	SPOKANE

Operators: K7MKL: K7MKL, W6NF.

**K8 - United States Call Area 8**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AA8IA	167	163	200	59821	Mad Rive
2	K8MU	143	130	0	18590	
3	K8GT	49	77	0	3773	Mad Rive
4	N8HM	40	64	6	2944	PVRC
5	K8TJM	43	60	0	2580	Lake Eri

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KU1T	988	477	1143	1016487	PVRC
2	W8TA	702	370	698	518000	
3	N6FS	546				

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
6	KC9IRQ	10	20	10	400	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	W9IU	1 434	739	1 188	1 937 658	SMC
2	K9NR	1 157	607	701	1 127 806	SMC
3	NS9I	482	385	462	363 440	
4	W9II	128	173	0	22 144	w9ii
5	A19T	92	92	30	11 224	SMC
6	K9ZM	59	52	0	3 068	SMC
7	WB9VKZ	10	14	0	140	EPC

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	N2BJ	1 199	594	1 147	1 393 524	SMC

**KH0 - Northern Mariana Islands**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AH0BW	263	144	20	40 752	
2	AH0BV	8	10	0	80	

**KH2 - Guam**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AH2J	217	192	228	85 440	

**Operators:** AH2J:(JR1VAY).

**KH6 - Hawaii**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KH6OO	133	122	0	16 226	
2	KH6GMP	156	50	0	7 800	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KH6ZM	1 111	516	384	771 420	

**KL - Alaska**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KL8DX	503	245	211	174 930	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	AL9A	748	439	493	544 799	

**KP4 - Puerto Rico**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NP4BM	482	285	497	279 015	
2	WP3GW	100	102	0	10 200	
3	NP3IR	78	82	29	8 774	PRARL, E

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	KP4JRS	528	252	70	150 696	

**LA - Norway**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA7CL	577	381	361	357 378	
2	LA8OKA	312	336	58	124 320	
3	LA3LJA	334	266	33	97 622	
4	LA9AU	208	140	0	29 120	HARSTAD

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LA3WAA	290	112	0	32 480	
2	LA5HPA	40	61	0	2 440	

**LU - Argentina**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LW5ER	33	46	0	1 518	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LT0H	1 042	493	1 446	1 226 584	LU Conte

**Operators:** LT0H: LU3HY.

**LX - Luxembourg**

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LX9EG	199	102	0	20 298	RRDXA

**LY - Lithuania**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LY2SA	344	366	203	200 202	KTU
2	LY2FN	296	294	115	120 834	Vytautas
3	LY2VB8	249	299	0	74 451	DMC
4	LY4K	115	176	48	28 688	Vytautas
5	LY3X	34	58	0	1 972	VYTAUTAS
6	LY2CV	28	34	0	952	KTU

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LY1R	1 260	770	1 441	2 079 770	KTU
2	LY6A	307	309	613	284 280	KTU
3	LY9Y	130	233	29	37 047	LITHUANI

**LZ - Bulgaria**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ2STO	448	443	179	277 761	
2	LZ1QV	163	207	126	59 823	
3	LZ2DF	230	234	0	53 820	
4	LZ9A	228	171	30	44 118	LZ Conte
5	LZ1BY	183	180	0	32 940	
6	LZ5XQ	127	62	0	7 874	
7	LZ5Z	45	40	0	1 800	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	LZ2PL	1 249	738	927	1 605 888	
2	LZ5R	973	667	1 103	1 384 692	lz1kfm

**Operators:** LZ5R: LZ3RR.

**OE - Austria**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE3DMA	327	221	0	72 267	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OE2LCM	113	110	38	16 610	BCC

**OH - Finland**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH7MN	723	435	313	450 660	Moonshin
2	OH2LU	458	435	88	237 510	CCF

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
3	OH2NT	530	384	0	203 520	CCF
4	OH8KA	223	231	34	59 367	
5	OH9GIT	112	148	0	16 576	
6	OH2JLN	123	134	0	16 482	
7	OH2EK	19	44	0	836	CCF

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH2HAN	1 170	765	516	1 289 790	
2	OH3FM	982	590	558	908 600	CCF
3	OF150M	464	294	321	230 790	
4	OH6BA	325	315	156	151 515	

**Operators:** OF150M: OH8WW.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OH8F	1 202	590	730	1 139 880	
2	OH4KZM	214	154	73	44 198	CCF
3	OH2K	105	113	0	11 865	CCF

**Operators:** OH2K: OH2FLO, OH2LRE. OH4KZM: OH4KZM, OH4MFA. OH8F: OH8KVY, OH8J, OH4MS.

**OK - Czech Republic**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK2UHP	306	317	159	147 405	EPC, DM
2	OK2PQS	393	341	0	134 013	
3	OK2PAD	319	329	16	110 215	
4	OK2PCL	276	275	0	75 900	
5	OK1UDJ	232	276	0	64 032	AVZO
6	OK2DW	223	191	48	51 761	
7	OK3MO	205	160	0	32 800	
8	OK1DPU	99	134	0	13 266	
9	OK2PF	40	60	18	3 480	
10	OK1KMG	26	67	0	1 742	AVZO
11	OK2SWD	30	51	0	1 530	
12	OK1ULE	14	37	0	518	AVZO

**Operators:** OK1KMG: OK1ULE.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK1KSL	1 467	745	1 141	1 942 960	
2	OK5SWL	13	27	0	351	

**Operators:** OK1KSL: OK1AHG, OK1AHJ, OK1FAK, OK1IVE. OK5SWL: OK2SWD.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OK2-9329	0	0	0	18 225	

**OM - Slovak Republic**

**SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OM7KW	772	598	902	1 001 052	
2	OM7OM	862	574	115	560 798	
3	OM6RK	568	420	0	238 560	
4	OM0DX	218	212	0	46 216	
5	OM3TLE	95	135	0	12 825	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OM5M	1 661	927	1 344	2 785 635	

**Operators:** OM5M: OM3KFF.

**ON - Belgium****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ON4BHQ	645	513	994	840 807	RRDXA
2	ON4CT	623	521	639	657 502	RRDXA
3	OP9T	603	403	0	243 009	WLD
4	ON6AT	283	276	243	145 176	
5	ON6OM	94	137	0	12 878	GNT-OVR

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ON4ALY	936	611	732	1 019 148	UBA Sect

**OZ - Denmark****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	OZ1NF/QRP	92	107	0	9 844	
2	OZ7AEI	97	100	0	9 700	
3	OZ1DGQ	58	80	0	4 640	
4	OZ7DK	49	50	0	2 450	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	5Q2J	418	261	419	218 457	Danish D
2	OZ1DSD	239	136	160	54 264	

**PA - Netherlands****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA3DBS	617	520	875	775 840	
2	PD7BZ	476	380	83	212 420	
3	PD5T	477	337	0	160 749	
4	PA3GCU	426	348	0	148 248	Radio Cl
5	PA3FYG	329	351	0	115 479	
6	PG7V	245	267	172	111 339	RRDXA
7	PA0MIR	200	270	201	108 270	Waterian
8	PA3ANN	289	353	0	102 017	
9	PA3CMF	246	252	0	61 992	
10	PE1FTV	208	228	0	47 424	
11	PD0DK	265	176	0	46 640	EPC # 50
12	PE2K	206	215	0	44 290	
13	PI30ETL/P	202	205	0	41 410	
14	PA30CVD	199	184	0	36 616	
15	PD3EM	154	179	0	27 566	
16	PA3HGF	108	147	0	15 876	
17	PA3GVI	99	132	0	13 068	
18	PA1DV	95	136	0	12 920	
19	PC5D	101	110	0	11 110	
20	PF5M	94	98	0	9 212	VERON
21	PA0LOU	73	103	0	7 519	VERON
22	PA0CGB	75	94	0	7 050	Veron
23	PA2A	54	90	0	4 860	PI4CC
24	PA4EA	21	28	0	588	
25	PA0VST	13	26	0	338	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PA0O	168	105	102	28 350	VERON
2	PA3BWK	31	74	0	2 294	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PI4W	1 397	849	1 142	2 155 611	pi4wno r
2	PI4UTR	385	331	0	127 435	Veron A0
3	PD0MHZ	88	131	0	11 528	

Operators: PI4UTR: PE2MC, PE2LZ, PA5ABW, PD2GO, PD2YA. PI4W: NL-11607, PA3GVI, PA8F, PD0LUR, PD2JAM.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	NL13601R-18	0	0	0	14 105	

**PY1 - Brazil Call Area 1****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PP1CZ	466	210	750	255 360	ARAUCARI

**PY2 - Brazil Call Area 2****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY2NY	674	345	1 262	667 920	ARAUCARI

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY2SHF	424	341	646	364 870	Hornet D

**PY3 - Brazil Call Area 3****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY3APY	54	86	0	4 644	

**PY4 - Brazil Call Area 4****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PY4XX	34	54	0	1 836	RIO DX G

**PY5 - Brazil Call Area 5****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PUSAAD	143	150	0	21 450	

**PY7 - Brazil Call Area 7****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PT7CG	117	130	115	30 160	Fortalez

**PY8 - Brazil Call Area 8****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	PV8ABC	3	9	0	27	CWJF GRO

**S5 - Slovenia****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S57U	578	478	688	605 148	SCC
2	S57AM	685	570	0	390 450	
3	S59D	3	8	0	24	S53JPQ K

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	S56A	954	712	684	1 166 256	Michael
2	S57YX	233	244	0	56 852	SCC
3	S53M	115	132	76	25 212	SCC

Operators: S53M: S51FB.

**SM - Sweden****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SM6BSK	401	479	367	367 872	
2	SM7BHM	525	465	252	361 305	
3	SM2BJS	338	333	69	135 531	SKZAT Um
4	SA3V	293	279	48	95 139	Top of E
5	SF5D	205	268	0	54 940	SKOQO
6	SM5CSS	225	221	0	49 725	SKSAA
7	SM3AF	165	159	0	26 235	SK3BG
8	SM2IUR	133	154	0	20 482	
9	SM6NOC	133	143	0	19 019	FALKOPIN

**Place Callsign QSOs Multi QTCs Total Score Club**

10	SM5DXR	13	24	0	312	vrk vast
11	SK6HD	10	14	0	140	Falkopin

Operators: SA3V: SA3ARL, SF5D: SM0DSF, SK6HD: SM6KFK.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SK2T	1 072	734	0	786 848	SK2AT
2	SM5QU	359	410	317	277 160	
3	SM4DQE	356	316	0	112 496	SK4DM

Operators: SK2T: SM2LIY.

**SP - Poland****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SP3GXH	840	622	470	814 820	
2	SP8CGU	460	414	457	379 638	
3	SP9NWN	682	513	0	349 866	SP9YGD
4	SO9G	614	512	0	314 368	
5	SP6EY	397	414	97	204 516	
6	SP6JZP	410	418	0	171 380	
7	SP6DMI	386	372	20	151 032	
8	HF8E	396	373	0	147 708	
9	SP9BNN	405	359	0	145 395	
10	SQ2HNA	388	334	0	129 592	
11	SP9CXN	368	348	0	128 064	
12	SP2QCW	407	304	0	123 728	
13	SP6NVK	345	357	0	123 165	
14	SP7FBQ	217	217	254	102 207	
15	SP3DOF	255	297	0	75 735	
16	SN9A	220	286	40	74 360	SPDXClub
17	SP9CTS	252	253	0	63 756	
18	SP6IHE	134	189	183	59 913	
19	SQ7LQJ	173	226	0	39 098	
20	SQ9IWS	200	158	0	31 600	
21	SP2MKI	112	144	66	25 632	
22	SP3DSC	148	146	0	21 608	
23	SP7CCB	127	154	0	19 558	
24	SP5GDY	97	145	0	14 065	
25	SP1QXK	105	120	0	12 600	EPC
26	SN2Y	89	99	0	8 811	
27	SQ7OTA	52	99	0	5 148	
28	SP9IHP	47	64	0	3 008	
29	SP3GAX	54	54	0	2 916	
30	SP9CLU	36	60	0	2 160	

Operators: SN9A: SP9FQI, SO9G: SP9DTE.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SN3C	604	524	665	664 956	
2	SQ7B	428	417	0	178 476	
3	SP5GMM	200	340	0	68 000	SP DX Cl
4	SO6I	119	160	0	19 040	SP DX CL
5	SP2KPD	8	12	0	96	

Operators: SN3C: SP3ASN.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SN2K	772	480	873	789 600	SP2YWL
2	SP9ZHR	199	261	70	70 209	

Operators: SN2K: SP2FWC, SP2DWG, SP2TQI, SQ2IHP, SP9ZHR: SP9EMI, SQ9PPZ.

**SV - Greece****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SV1HKD	162	226	0	36 612	RADIO AM
2	SV2HXV	134	182	0	24 388	
3	SV4FFL	95	93	0	8 835	

**SV9 - Crete****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	SV0XCC/9	217	105	0	22 785	

**TA - Asiatic Turkey****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA7I	639	353	623	445 486	
2	TA7AO	166	117	0	19 422	

**TA1 - European Turkey****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA1CM	287	222	0	63 714	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TA1DX	338	247	0	83 486	TA1KB

**TF - Iceland****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TF3HP	91	94	0	8 554	TRFR
2	TF3PPN	64	78	0	4 992	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	TF3AO	547	280	0	153 160	Tango Fo

**UA - European Russia****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RA4FUN	920	523	210	590 990	Penza
2	UA4HJ	798	542	48	458 532	SAMARA R
3	RA1ALC	782	497	0	388 654	ALRS ST
4	RA3ATE	540	456	185	330 600	Moscow R
5	RA4HL	703	470	0	330 410	
6	R2SA	500	492	79	284 868	Russian
7	RV3ZN	485	353	188	237 569	
8	RQ3M	440	403	146	236 158	
9	UA3NFI	482	333	117	199 467	
10	RN3DHU	533	373	0	198 809	
11	RV4HL	314	394	75	153 266	
12	UA6GF	453	310	0	140 430	Stavropo
13	RV4LC	306	323	0	98 838	
14	UA4UT	317	249	0	78 933	
15	R3BB	273	259	0	70 707	
16	RA6HQY	230	278	0	63 940	
17	RN6MA	253	248	0	62 744	
18	RV3DZ	237	202	0	47 874	
19	RW6AH	300	100	117	41 700	
20	RN6AI	215	174	20	40 890	
21	RV3DBK	218	155	0	33 790	
22	UA7G	131	167	0	21 877	RU-QRP
23	RV3IC	167	120	8	21 000	ARKTIKA
24	RD3AL	146	142	0	20 732	Radioclu
25	RW3QM	117	154	0	18 018	
26	RK6AQM	91	128	0	11 648	
27	RN4HFJ	138	70	0	9 660	
28	RW1AI	73	131	0	9 563	ALRS St
29	RO3DX	103	80	0	8 240	
30	RA4LK	64	109	0	6 976	

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
31	R4WT	67	100	0	6 700	
32	R2EAA	58	106	0	6 148	
33	RA3BQ	56	107	0	5 992	
34	UA4PAY	68	70	0	4 760	
35	RA4FW	58	62	0	3 596	
36	RV6LCI	77	46	0	3 542	
37	RW3AI	39	48	0	1 872	
38	RA3UAG	30	40	0	1 200	SRR
39	RX1CQ	19	28	10	812	RCC
40	RUGHL	17	30	0	510	

Operators: UA7G: VALENTIN ALEXANDROVICH LIPTAK.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UA4HOX	1 926	767	0	1 477 242	
2	RT3P	1 296	606	883	1 320 474	TULA RAD
3	RN3A	1 012	566	924	1 095 776	
4	RA3TT	634	429	533	500 643	
5	R2DX/3	660	283	0	186 780	SRR
6	RA3NC	384	381	0	146 304	
7	UA3TN	387	292	0	113 004	
8	RX6MR	317	284	74	111 044	Rostov
9	UA4NC	276	272	0	75 072	RCC
10	RA4LW	249	265	10	68 635	UCC
11	RUGVJ	225	247	0	55 575	
12	UA3QGT	303	130	0	39 390	
13	R7LV	189	182	0	34 398	
14	RW4PL	102	92	109	19 412	RCC
15	RM5P	95	120	0	11 400	
16	RW4NN	94	60	0	5 640	
17	RA1OD	45	88	0	3 960	
18	RZ4CWW	20	32	0	640	

Operators: RT3P: UA3PAB.

**UA0 - Asiatic Russia Call Area 0****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RD0A	620	429	694	563 706	RCC
2	RW0SR	550	309	0	169 950	
3	RA0ANO	230	276	348	159 528	
4	UA0C	365	275	0	100 375	
5	RX0SC	154	206	0	31 724	
6	RA0WHE	117	113	0	13 221	ARCK
7	UA0ZEO	41	71	0	2 911	EPC
8	RA0AY	43	59	0	2 537	ARCK

Operators: RX0SC: VERSHININ PETER.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UC0A	989	513	1 188	1 116 801	
2	UA0CA	699	481	947	791 726	FARS (Fr

**UA2 - Kaliningrad****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RA2FB	407	372	61	174 096	ua2 Cont
2	RA2FF	386	258	0	99 588	UA2 CONT

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UA2FL	590	441	0	260 190	UA2 Cont

**UA8 - Asiatic Russia Call Area 8****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UF8T	355	213	624	208 527	
2	RG8U	101	143	0	14 443	Novokuzn

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	R8TX	383	232	466	196 968	Orenburg

**UA9 - Asiatic Russia****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UA9AL	828	449	1 509	1 049 313	SUCC
2	RT9U	712	417	1 014	719 742	
3	R9MJ	591	357	586	420 189	Omsky ra
4	RK9UE	556	301	0	167 356	
5	RA9CUU	545	306	0	166 770	DMC #410
6	RK9AK	376	276	0	103 776	
7	UA9OA	396	217	0	85 932	
8	RA9DZ	280	231	0	64 680	Arktika
9	UA9UDX	253	220	0	55 660	
10	RA9DP	162	197	0	31 914	
11	RA9AFZ	101	86	0	8 686	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	RG9A	1 950	905	2 515	4 040 825	SUCC
2	UA9CDV	332	242	417	181 258	Ural Con
3	UI9I	177	222	55	51 504	Central
4	RN9CM	47	78	0	3 666	Ural Con

Operators: UI9I: RU9I.

**UN - Kazakhstan****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UN7CN	572	350	681	438 550	
2	UN7CH	340	222	0	75 480	EPC
3	UN3Z	212	219	0	46 428	

**UR - Ukraine****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UR0HQ	1 054	620	815	1 158 780	ARC Sate
2	UT5EPP	1 103	598	404	901 186	KRIVBASS
3	US4LPY	981	525	153	595 350	
4	US6CQ	722	514	204	475 964	UCC
5	UR5WCO	483	441	545	453 348	UCC
6	US0HZ	544	423	315	363 357	UCC
7	UY1HY	554	472	175	344 088	
8	UY5TE	490	441	236	320 166	GIPANIS
9	US5E	547	481	0	263 107	UCC
10	UW5U	653	342	115	262 656	UCC
11	UR5LAK	464	325	0	150 800	EPC#3683
12	UT5ICE	410	332	0	136 120	BSSC
13	UX7FD	413	306	0	126 378	Bessarab
14	US7IA	346	253	87	109 549	BSSC
15	UT11M	321	286	0	91 806	UCC
16	UX8ZA	300	304	0	91 200	Gipanis
17	UR3UK	278	299	0	83 122	
18	UR4MHJ	254	253	0	64 262	DX
19	UT3WW	164	283	0	46 412	
20	UX0SX	196	189	0	37 044	
21	UR7EC	132	210	27	33 390	PAVLOGRA
22	UR7KJ	189	163	0	30 807	
23	UR5EQU	142	152	0	21 584	
24	UR4CU	153	141	0	21 573	
25	UT7MR	119	146	9	18	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UT0U	2 043	875	781	2 471 000	UCC
2	EO3Q	1 322	813	1 430	2 237 376	UCC
3	EM2G	1 339	663	785	1 408 212	BSCC
4	UT2IU	757	434	510	549 878	
5	UT5ECZ	423	323	0	136 629	UCC
6	UR5ZMK	399	258	57	117 648	UCC
7	US05Y	232	324	38	87 480	
8	UR4IOR	290	136	0	39 440	
9	UR3QM	132	145	20	22 040	UCC

Operators: EM2G: UR7GO. EO3Q: UR3QCW. UT0U: UT5UDX.

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	UT8EL	960	593	473	849 769	KRIVBASS
2	UZ2FWB	105	167	0	17 535	Bessarab

Operators: UZ2FWB: UX7FC, UR5FGU.

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	US-Q-73	0	0	0	261 862	

**VE1 - Canada Call Area 1****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE1ZD	380	304	394	235 296	MCC
2	VE1ZA	32	36	0	1 152	MCC

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE1OP	1 179	580	1 441	1 519 600	MCC

**VE2 - Canada Call Area 2****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE2AXO	974	553	1 242	1 225 448	CCO
2	VE2EBK	601	454	647	566 592	CCO
3	VE2KOT	73	92	0	6 716	
4	VE2QV	27	47	0	1 269	CCO

Operators: VE2QV: VE2FFE.

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VA2UP	1 968	822	2 069	3 318 414	CCO
2	VE2FK	1 114	528	1 649	1 458 864	CCO
3	VE2FXL	864	508	1 162	1 029 208	CCO
4	VE2EZD	295	279	304	167 121	CCO

**VE3 - Canada Call Area 3****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3XAT	561	493	420	483 633	CCO
2	VE3AJ	397	338	460	289 666	CCO
3	VE3MCF	280	227	260	122 580	
4	VE3JI	267	268	100	98 356	CCO
5	VA3MW	98	123	0	12 054	CCO
6	VE3RCN	75	108	0	8 100	CCO
7	VA3FN	26	40	0	1 040	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3EK	1 156	459	1 019	998 325	CCO
2	VE3RZ	771	508	772	783 844	CCO
3	VA3XH	346	374	494	314 160	CCO
4	VA3PC	100	98	170	26 460	CCO
5	VE3TL	17	22	0	374	

**MULTI-OP**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE3FJB	74	121	118	23 232	

**VE4 - Canada Call Area 4****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE4EAR	639	505	902	778 205	

**VE5 - Canada Call Area 5****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE5MX	857	508	882	883 412	Saskatch

**VE6 - Canada Call Area 6****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE6SQ	418	368	372	290 720	
2	VE6DJT	208	226	0	47 008	

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE6AO	211	86	0	18 146	Calgary

Operators: VE6AO: VE6TC.

**VE7 - Canada Call Area 7****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VA7RY	657	449	490	515 003	ORCA
2	VE7BC	551	324	227	252 072	British
3	VE7BSM	359	267	0	95 853	NANAIMO
4	VA7CPC	255	254	0	64 770	
5	VE7BGP	52	78	0	4 056	Nanaimo

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE7CC	1 659	807	1 196	2 303 985	BC DX C
2	VA7ST	847	535	466	702 455	ORCA
3	VA7KO	668	412	841	621 708	ORCA
4	VE7IO	646	372	315	357 492	ORCA
5	VE7HBS	397	137	80	65 349	ORCA
6	VE7CF	244	160	0	39 040	

**VE9 - Canada Call Area 9****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VE9HF	395	306	413	247 248	MCC

**VK3 - Australia Call Area 3****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VKS NPR/3	89	147	111	29 400	VKCC

**VK4 - Australia Call Area 4****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK4IU	660	310	1 025	522 350	

**VK7 - Australia Call Area 7****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VK7AD	99	119	48	17 493	

**VR - Hong Kong****SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VR2XLN	297	158	79	59 408	

**VU - India****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	VU3DJQ	88	109	0	9 592	
2	VU2RMS	57	76	5	4 712	VU Conte

**XE - Mexico****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	XE1GZU	151	146	0	22 046	CLUB DE

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	XE3N	344	251	297	160 891	Grupo DX
2	XE1RRR	191	212	213	85 648	Club de

**YB - Indonesia****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YB8EL	122	102	121	24 786	
2	YB2ECG	113	114	0	12 882	

**SWL**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	INS-99	0	0	0	300	

**YL - Latvia****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL3CU	751	535	403	617 390	LCC
2	YL3ID	227	241	0	54 707	
3	YL2NK	200	216	0	43 200	Icc
4	YL2QV	103	132	0	13 596	LCC
5	YL2IP	89	140	0	12 460	LCC

**SINGLE-OP HIGH**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YL2CI	1 086	568	1 033	1 203 592	LCC
2	YL2NN	843	539	707	835 450	LCC
3	YL3FP	710	493	143	420 529	LCC
4	YL9T	150	148	39	27 972	LCC

Operators: YL9T: YL2TW.

**YO - Romania****SINGLE-OP LOW**

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YO3JF	567	348	939	524 088	
2	YO6HSU	509	459	0	233 631	
3	YO3CZW	402	357	0	143 514	CSTA BUC
4	YO5BVV	359	347	0	124 573	CS DX CL
5	YR4D	228	254	0	57 912	GLARIS
6	YO6DBL	214	260	0	55 640	
7	Y08WW	204	216	47	54 216	
8	Y05OLD	222	169	10	39 208	CSM Bist
9	YO4AAC	191	141	0	26 931	YO DX CL
10	YO4AUL	132	172	0	22 704	
11	YO9AGN	144	72	0	10 368	
12	Y05TP	106	86	0	9 116	CSM CLUJ

Operators: YO4AAC: GEORGE SAVU. YO6HSU: TARANEK IOAN. YR4D: YO4CVV.

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YO9HP	1356	759	569	1461075	RRDXA
2	YQ6A	974	678	398	930216	
3	YO3APJ	143	192	101	46848	YO DX CL
4	YR5T	54	58	0	3132	CSM BIST

Operators: YQ6A:YO6BHN. YR5T:YO5CBX.

YU - Serbia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YU8NU	1061	619	850	1182909	YUCC
2	YT5W	708	361	0	255588	YUCC
3	YU1KT	119	136	0	16184	FOX CONT

Operators: YT5W:YT2PFR. YU1KT:KENWOOD TS 4405 PWR=80W ANT GP/DIPOLE.

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT2U	953	638	670	1035474	YUCC
2	YT3H	509	354	712	432234	HCT

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YT2T	140	191	173	59783	YUCC

YV - Venezuela

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	YV5AAX	491	349	1432	671127	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	4M5RY	194	168	343	90216	

Operators: 4M5RY:YV5KAJ.

Z3 - Macedonia

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	Z33A	120	132	0	15840	

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	Z35X	98	126	10	13608	Z37M Con

### MULTI-OP

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	Z37M	1803	877	1340	2756411	

Operators: Z37M:Z35T, Z35X, Z36N, Z36W.

ZC4 - UK Sov. Bases on Cyprus

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZC4LI	1437	664	940	1578328	ESBA

ZL3 - New Zealand Call Area 3

### SINGLE-OP HIGH

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZL3PAH	68	92	122	17480	

ZP - Paraguay

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZP9EH	90	94	9	9306	

### ZS1 - South Africa Call Area 1

### SINGLE-OP LOW

Place	Callsign	QSOs	Multi	QTCs	Total Score	Club
1	ZS1JY	145	164	149	48216	

Checklogs: CU2JT, DB1RL, DJ2AX, DL1DXF, DL5MX, DM5DX, E7ZU, EA1AW, EA3GBA, EA4GB, EA5HU, EA7AHA, F4FHZ, HA0GK, HA1DAE, HA1SN, HA5PT, HB9EVI, IZ4AFW, IZ4DZD, KO4PU, LA4NL, LU5MT, LU6AM (Nestor), N1WQ, OK1HL, OK2BHD, OK2SG, OK4RQ, PA0BWL, PA0RRA, PY2EB, R6YV, RA3FD, RA3VGS, RA9IB, RA9MX, RN3BW, S51MA, SM7BGE, SP1DMD, SP3RBB, SP5APW, SP7HOV, UR5CJN, UT1IA, UX1IL, V31AE, W6PK, WB2COV, YO5BEU, YT1BX, Z36W.

Disqualifications: None.

Results by DJ4MH

## WAEDC Hero 2011

Tevfik TA1HZ operating ZA1TC

## WAEDC Club Scores

### Europe

Club	Logs	Score	Name
BCC	197	61373129	Bavarian Contest Club
RRDXA	139	41220371	Rhein Ruhr DX Association
UCC	41	13143864	Ukrainian Contest Club
RCC	27	9959736	Russian Contest Club
SCC	17	9361295	Slovenian Contest Club
BSCC	42	8524541	Black Sea Contest Club
CCF	15	5565004	Contest Club Finland
DRCG	11	4461587	DL-DX RTTY Contest Group
BRCC	12	3985617	Belarus Contest Club
SPDXC	17	3964856	SP DX Club
VRNIKA	10	3741088	Vrhniko Contesters
CLIP DXC	3	3530207	Clipperton DX Club
LCC	13	3312661	Latvian Contest Club
YUCC	9	3283828	YU Contest Club
SDXG	5	3267578	South German DX Group
ARKTIKA	9	3198356	????
HRDXC	4	2048876	HA DX Club
CDXC	6	2002748	Chiltern DX Club
CRO CC	7	1509247	Croatian Contest Club
KTU RC	4	1394296	Kaunas University of Technology Radio Club
SPCC	7	591190	SP Contest Club
DNEPR	3	583864	Dnepr Contest Group
PERUGIA	5	578530	Perugia DX Team
GIPANIS	7	566328	Gipanis Contest Group
BRDXC	3	265424	Balaton Radioamateur DX Club
YODXC	7	265285	YO DX Club
EPC	7	249411	????
RCWC	6	217008	Russian CW Club
DDXG	3	196486	Danish DX Group
LNDX	3	147742	Les Nouvelles DX
UR2 CC	3	108070	UR2 Contest Club
ATCC	3	66944	Amateur Tosno Contest Club
POAM	3	61120	Paradise on Air Mission
TOEC	3	30184	Top of Europe Contesters
SPANDAU	3	27663	Spandau Dxeers
SPOX	4	23249	Silverfox Deva

### Outside Europe

Club	Logs	Score	Name
PVRC Club	61	24273552	Potomac Valley Radio
CCO	46	16906717	Contest Club Ontario
UCG	21	15577581	Ural Contest Group
YCCC	39	11067337	Yankee Clipper Contest Club
SUCC	8	10014852	South Ural Contest Club
ARAUCAARI	30	9846960	Araucaria DX Group
FRK	24	9576623	Frankford Radio Club
MCC	14	6412959	Maritime Contest Club
SMC	19	6216242	Society of Midwest Contesters
LUCG	11	4769090	LU Contest Group
RIO DXG	10	4515103	Rio DX Group
ESBA	3	4461058	ESBA Radio Club
WWYC	6	3217942	World Wide Young Contesters
CSDXC	3	2713303	Central Siberia DX Club
OCARC	5	2564861	Orleans County Amateur Radio Club
TNCG	20	2553268	Tennessee Contest Group
ORCA	7	2327603	ORCA DX and Contest Club
FLCG	11	2209772	Florida Contest Group
NCCC	19	2079959	Northern California Contest Club
MNWA	11	2055153	Minnesota Wireless Association
GMC CO Colorado	5	1848759	Grand Mesa Contesters of Colorado
SECC	8	1830294	South East Contest Club
CGQ	8	1791201	Contest Group du Quebec
VKCC	7	1520817	VK Contest Club
IARC	4	1358162	????
OBONY	10	1352080	Order of Boiled Owls of New York
CAROLINA	4	1257471	Carolina Shine
AOCC	11	1008049	Arizona Outlaws Contest Club
SCCC	13	937548	Southern California Contest Club
ARCK	5	877287	????
MRRC	4	776842	Mad River Radio Club

WNYDXA	3	663812	Western New York DX Association
WDXC	4	632320	Western Washington DX Club
ALCG	3	580128	Alabama Contest Group
CTDXCC	5	537798	Central Texas DX and Contest Club
LCCC	3	414225	Low Country Contest Club
GUARA	3	396860	Guar
NCDXCC	3	227457	North Carolina DX and Contest Club
CWFP	3	172489	????
SIAMDXG	3	107895	Siam DX Group
NANAIMO	3	100721	Nanaimo Amateur Radio Association
HVCDX	4	89560	Hudson Valley Contesters and Dxeers
RNYDXA	3	11856	Rochester NY DX Association



WAEDC Manager, Helmut Mueller, DF7ZS

Dear fellow contester,

Since June 2012 we have restructured the WAEDC Contest Team. Three contests per year have been way too much workload for a single Contest-Manager.

Big thanks to Jörg DL8WPX for all his efforts over the past years. Jörg will continue to support the new Team in the future.

Now we have Holger Hammerschlag DF1QR who is responsible for the CW part, Marco Holleyn DJ4MH is looking after SSB and Peter Rudolph DL2YCA is our RTTY specialist. We are very well supported from the DARC HF-DX Crew looking after servers, infrastructure and Software. Mainly Julian Ladisch DL6OCK and Michael Höding DL6MHW are involved in WAEDC business on a regular base.

I am trying to coordinate everything and with the various different groups, the WAE committee, DARC and mostly important with our "customers", all the contesters everywhere around world.

73 and gd dx

WAEDC Manager Helmut Müller DF7ZS

[www.waedc.de](http://www.waedc.de)

[www.darc.de](http://www.darc.de)

## Worked All Europe DX Contest - Rules 2012

(2012-06-26)

The Deutscher Amateur Radio Club (DARC) invites radio amateurs world wide to participate in the annual WAE DX Contest.

### 1 Times

**CW:** August, second full weekend  
Saturday, August 11, 2012, 0000 UTC  
until Sunday, August 12, 2012, 2359 UTC

**SSB:** September, second full weekend  
Saturday, September 8, 2012, 0000 UTC  
until Sunday, September 9, 2012, 2359 UTC

**RTTY:** November, second full weekend  
Saturday, November 10, 2012, 0000 UTC  
until Sunday, November 11, 2012, 2359 UTC

### 2 Bands

#### 3.5 - 7 - 14 - 21 - 28 MHz.

According to IARU recommendations operation should be avoided outside contest-preferred segments. No operation to take place on:

**CW :** 3560-3800; 7040-7200; 14060-14350 kHz

**SSB:** 3650-3700; 7050-7060; 7100-7130; 14100-14125; 14300-14350 kHz.

### 3 Categories

- **SINGLE-OP LOW**  
Max. output 100 watts - all bands. Only one signal permitted at any time.
- **SINGLE-OP HIGH**  
Output higher than 100 watts - all bands. Only one signal permitted at any time.
- **MULTI-OP**  
Band changes are allowed every 10 minutes; this includes all activities of a main station, including QSO & QTC traffic and CQing.  
Only exception: Working of a multiplier. Other transmitters may be used in parallel to the main station to work multipliers on other bands.
- **SWL**  
(see §12)

Notes:

- Transmitters, receivers and antennas used in the contest must be located within a 2 km diameter circle.
- The use of DX spotting nets is allowed in all categories.

### 4 Off Times

Single Operator stations may only operate 36 out of the 48-hour contest period.

The total of 12 hours off time may be taken in one part but not more than three parts. The off times must be shown on the summary sheet. If operation is interrupted for more than 12 hours the three longest off time periods must be a minimum of 12 hours.

### 5 Exchange

A contest QSO can only be conducted between a European and a non-European station (exception: RTTY, see §13). The exchange consists of RS/RST and a progressive serial number starting with 001. If the station worked does not send a serial number, log the contact with number 000. Each station can be credited only once per band.

### 6 Multiplier

For non-European stations the multiplier is the number of countries defined in the WAE Country List (see below) worked per band.

For European stations every non-European DXCC entity counts as a multiplier.

**Exception:** In the following countries up to ten numerical call areas count as multipliers:

W, VE, VK, ZL, ZS, JA, PY and RA8/RA9 and RAØ -- without respect to their geographical location.

Examples: W1, K1, KA1 and K3../1 count as W1;  
VE1, VO1 und VY1 count as VE1;  
JR4, 7M4 und 7K4 count as JA4;  
ZL2 and ZL6 are two different multipliers.

**Multiplier bonus:** Country multiplier points are "weighted" by band. Multiply the number of countries worked on 3.5 MHz by four, on 7 MHz by three, and on 14/21/28 MHz by two. The total multiplier is the sum of the weighted multiplier points of all bands.

### 7 QTC Traffic

Additional points can be achieved by QTCs. A QTC is the report of a contest QSO back to a European station (exception: RTTY, see §13).

The following rules apply:

- a. A QTC contains time, call sign and serial number of the reported QSO. Example: "1307 DA1AA 431" means that DA1AA was worked at 1307 UTC and sent serial number 431.
- b. Each QSO may only be reported once as a QTC. The QTC may not be reported back to the original station.
- c. Every QTC that was correctly transferred, counts one point for the sender and one point for the receiver.
- d. Two stations may exchange up to 10 QTCs maximum. The two stations may establish contact several times to complete the quota.
- e. QTCs are transferred by means of QTC series. A QTC series is a block of one (minimum) to ten (maximum) QTCs. QTC series are numbered using the following scheme: The first figure is the progressive serial number starting with one; the second figure denotes the number of QTCs in the series. Example: "QTC 3/7" means this is the third QTC series transmitted by this station and it contains seven QTCs.
- f. For every QTC series that is transmitted or received, the QTC number, time and frequency band of the QTC transmission must be logged. If any of this data is missing from your log, no credit will be given for this QTC series.

### 8 Scoring

The final score is the result of total QSOs plus QTCs on all bands multiplied by the sum of all multipliers weighted by the band bonus factor (see §6).

### 9 Disqualification

Violation of the rules of the contest or unsportsmanlike conduct will be deemed sufficient cause for disqualification. The decisions of the contest-committee are final.

## 10 Submissions

URL: <http://www.waedc.de>

Messages to contest manager (no logs):

[waedc-info@dxhf.darc.de](mailto:waedc-info@dxhf.darc.de)

Logs need to be sent in STF or Cabrillo-Format to the following e-mail address:

WAEDC CW : [waecw@dxhf.darc.de](mailto:waecw@dxhf.darc.de)  
WAEDC SSB : [waessb@dxhf.darc.de](mailto:waessb@dxhf.darc.de)  
WAEDC RTTY : [waertty@dxhf.darc.de](mailto:waertty@dxhf.darc.de)

Be sure to put the station call sign into the subject of each message.

By submitting an electronic log, the participant claims to fully accept the rules of the contest. A written declaration is not necessary.

Note: After publication of the results all logs will be put into the [DARC Contest Logbook \(DCL\)](#).

### Hand-written logs:

After the contest use a proper logging program or LM from DL8WAA to enter your data.

See Link:

<http://contestssoftware.com/e/home.htm>

If you do not have a computer, please ask a friend or family member to import the log.

## 11 DX & Contest Club Competition

The club score is calculated by adding the final results of all participating club members in all three WAE contests, excluding SWLs. To be counted, the name of the club has to be indicated in the log on a separate header line using the keyword "**CLUB**".

The club must not be an official national amateur radio club. For a club to be listed, a minimum of three logs must be submitted.

A trophy is sponsored for the top DX (non-EU) and the top EU clubs.

For DL stations participating in the German **DARC/VFDB-Clubmeisterschaft** put your DOK in the log on a separate header line using the keyword "**SPECIFIC**".

## 12 Special Rules for SWLs

SWLs record stations working in the WAEDC. Participation is only possible as a single operator all bands. Every call sign heard - European or non-European station - may be credited only once per band. Both call signs of a contest QSO have to be recorded.

Each station that is logged including the serial number that was sent by that station, counts one point. Every complete QTC which includes all QTC series information (up to a maximum of 10 per station) also counts one point.

Multipliers are counted according to the criteria indicated in §6, but both European and non-European multipliers are counted. A call sign can only be counted as a multiplier, if the serial number it sent was recorded. In the best case, for a completely recorded QSO, two points and two multipliers can be credited.

## 13 Special Rules for RTTY

In the RTTY portion of the WAEDC there are no continental limits; everybody can work everybody. Only QTC traffic must be performed between different continents.

Every station may send and receive QTCs. The sum of QTCs exchanged between two stations (sent plus received) must not exceed 10 (ten).

The European and non-European multipliers indicated in §6 count for all stations.

## 14 Log Deadline

Log deadline is always **two weeks** or, more specific, the third Monday after the end of the contest.

**CW:** August 27;

**SSB:** September 24;

**RTTY:** November 26, 2012.

## 15 Criteria for WAEDC Awards and Plaques

Continental winners will receive a plaque. Printable online certificates will be available for all stations on result publication.

Entries from countries split by numerical call areas for multiplier reasons (see §6) will be listed according to their reported location within their respective geographical call area.

Stations who activate a WAE country for the WAEDC from where no log was received over the last three years will be recognized as "WAEDC Hero" and receive a special prize. For **2012** these **9** countries are:

**NEW**

1AØ, HV, JW, JW/b, JX, R1F, SV/A, YU8, ZB

Stations who have been in the Top-Ten/Top-Six list for at least five times can apply for a special plaque.

The WAEDC committee reserves the right to honor special contest activities with additional plaques.

## WAE Country List

**NEW**

1AØ, 3A, 4O, 4U1I, 4U1V, 9A, 9H, C3, CT, CU, DL, E7, EA, EA6, EI, ER, ES, EU, F, G, GD, GI, GJ, GM, GM/s, GU, GW, HA, HB, HBØ, HV, I, IS, IT, JW, JW/b, JX, LA, LX, LY, LZ, OE, OH, OHØ, OJØ, OK, OM, ON, OY, OZ, PA, R1F, RA, RA2, S5, SM, SP, SV, SV/A, SV5, SV9, T7, TA1, TF, TK, UR, YL, YO, YU, YU8, Z3, ZA, ZB.

[R1M removed]

## WAEDC Manager



Helmut Müller DF7ZS

[df7zs@darc.de](mailto:df7zs@darc.de)



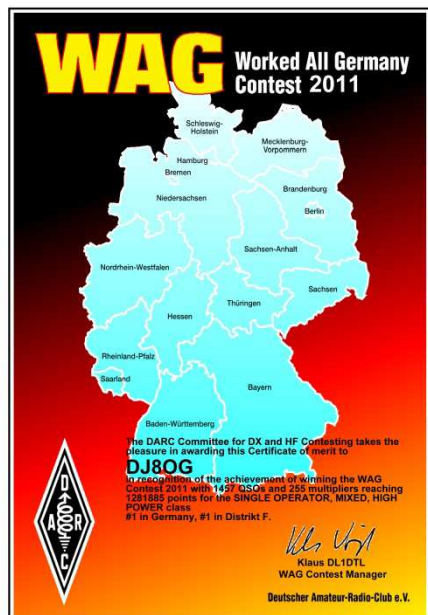
## Worked All Germany Contest

The Worked-All-Germany Contest is a typical "Single-Country-to-DX" contest with a long lasting tradition and usually more than 1000 participants. There are at least three reasons to enter the WAG:

- Test your equipment for the upcoming CQWW which is usually in the week after WAG.
- Investigate the conditions to central Europe, generally similar to the condx during CQWW.
- Collect German DOK for several DARC wards, especially the DLD which is supported by the [DARC Contest Logbook](#).

Moreover you will find an outstanding activity from Germany on all shortwave bands combined with moderate pileups and the bands not being too crowded. If you are operating from a semi rare country, like TK or EA8, you will certainly create some pile-ups yourselves.

As an international participant you have to work German stations and DARC districts for multipliers. There are 25 districts corresponding to different regions within Germany. Some districts are identical to a federal state, e.g. district W is associated with Saxony-Anhalt. Bigger federal states, e.g. Bavaria, are split into several districts. You can derive the district from the first letter in the DOK (e.g. W37) which is part of the contest exchange for German stations. The DOK ist a valuable information for many German awards too. Join the WAG and enjoy!



## Worked All Germany (WAG) 2011 Final scores

### 4I - Azerbaijan

Place	Callsign	QSOs	Multi	Total Score
1	4K9W	330	98	97 020

### 4X - Israel

Place	Callsign	QSOs	Multi	Total Score
1	4Z5TK	156	64	29 952

Place	Callsign	QSOs	Multi	Total Score
1	4X6DK	152	48	21 888

Place	Callsign	QSOs	Multi	Total Score
1	4X0A	396	90	106 920
2	4Z5KO	189	59	33 453

Operators: 4X0A: 4X1VF.

### 5B - Cyprus

Place	Callsign	QSOs	Multi	Total Score
1	5B4AF	1 427	125	535 125

### 9A - Croatia

Place	Callsign	QSOs	Multi	Total Score
1	9A3VM	657	113	222 723
2	9A4LW	391	79	92 667
3	9A5PV	120	59	21 240
4	9A3DML	70	20	4 200

Place	Callsign	QSOs	Multi	Total Score
1	9A1AA	731	117	256 581

Place	Callsign	QSOs	Multi	Total Score
1	9A3XV	142	52	22 152
2	9A3CDW	78	26	6 084
3	9A6NDD	64	22	4 224
4	9A6SIZ	33	24	2 376
5	9A7DCK	18	14	756

Place	Callsign	QSOs	Multi	Total Score
1	9A2EY	227	59	40 179

Place	Callsign	QSOs	Multi	Total Score
1	9ARS29	9	8	72

### 9H - Malta

Place	Callsign	QSOs	Multi	Total Score
1	9H90B	848	94	235 752

### Operators

9H90B: DK8YB, DL1A0B, DL1AWD, DO5KOL, DL5AOL, DL4JS, DL6JF, DL8ALU, DG00HD.

### BY - China

Place	Callsign	QSOs	Multi	Total Score
1	BA1SN	29	25	2 175

### CP - Bolivia

Place	Callsign	QSOs	Multi	Total Score
1	CP1FF	23	17	1 071

### CT - Portugal

Place	Callsign	QSOs	Multi	Total Score
1	CT2JBG	83	53	13 197

### D4 - Cape Verde

Place	Callsign	QSOs	Multi	Total Score
1	D44TZN	348	78	81 198

Operators: D44TZN: DL1DAW.

### DL - Germany

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DF2CK	S21	1 403	219	933 597
2	DL3DTH	S07	1 395	198	818 730
3	DF1HE	I12	1 172	200	785 200
4	DL1EKC/P	Z59	1 281	189	730 107
5	DL9ZP	V14	1 112	188	679 056
6	DL1DTL	S01	1 271	185	677 285
7	DL1CW	P51	1 277	188	663 452
8	DL1ASA	F02	1 146	181	602 006
9	DL7BY	D26	1 143	178	567 998
10	DK9OY	H32	1 039	180	554 580
11	DL6AG	S44	1 121	168	537 096
12	DM2FDO	D25	998	167	535 068
13	DL1EAL	R04	1 094	171	533 520
14	DF3AX	H43	1 213	157	523 595
15	DL4FN	F35	1 002	171	521 550
16	DL4UL	E01	990	164	483 144
17	DL4HRM	W35	1 025	160	481 120
18	DL1BUG	Y18	974	166	445 544
19	DL5KUD	Z89	938	164	443 456
20	DL2AYK	X34	850	163	431 950
21	DL8DWW	S04	945	163	429 831
22	DLOIS	O11	876	156	426 504
23	DL5MAM	C10	1 007	156	425 412
24	DM3PKK	B14	1 001	151	422 045
25	DK4MX	X35	871	158	411 274
26	DL8CKL	W13	825	159	411 015
27	DL5YL	Y21	1 033	144	405 936
28	DL8ZAW	F34	927	151	380 067
29	DK3YD	C12	781	162	372 762
30	DL9GCG	P03	879	149	368 179
31	DL1ARJ	X28	899	146	367 774
32	DH2MS	A16	798	144	334 944
33	DJOSP	N53	765	143	311 597
34	DK5IM	W05	801	134	310 478
35	DK8NT	B27	628	161	301 392
36	DF9TS	C18	728	147	299 586
37	DK5XG	E22	717	133	284 487
38	DK3LT	E39	734	132	281 688
39	DK1FT	P06	808	133	275 310
40	DL9NEI	C26	747	130	269 750
41	DL3YM	A24	643	142	262 558
42	DL1DSW	S04	697	132	250 140
43	DL2AIB	X17	659	135	249 885
44	DJ3CQ	C06	577	141	238 995
45	DL3FF	R06	661	131	238 289
46	DL2NBY	B01	689	121	229 053
47	DL5KM	X10	632	127	227 584
48	DQ3Q	P36	655	131	224 927
49	DL4ZZ	V19	601	120	210 120
50	DL7VHP	Y34	622	122	206 668
51	DL4JU	R09	557	127	204 343
52	DLOJB	N54	590	124	199 640
53	DL3XM	S41	498	120	192 480
54	DF4XF	S48	468	127	181 102
55	DLOWN	F20	549	119	175 763
56	DL7UXG	D21	557	123	173 307
57	DL8UIL	Y24	426	121	170 126
58	DL3KWR	V11	452	122	166 652
59	DMSJBN	S60	601	108	162 540
60	DL8WEM	P24	599	94	157 826
61	DL6MTA	W03	430	117	155 376
62	DL5ARM	X33	562	108	155 088
63	DJ3XA	V01	563	109	148 567
64	DP6W	H08	522	106	148 400
65	DL1RTS	Y07	484	110	146 740
66	DJ1YF	E03	552	103	142 552
67	DL9KWW	V08	455	106	135 150
68	DK4PL	S05	387	107	134 071

Place	Callsign	DOK	QSOs	Multi	Total Score
69	DL6DSA	S20	428	112	132 608
70	DL1AMH	W29	441	104	132 600
71	DL2ROM	Y34	342	119	130 186
72	DL9UJF	Y27	415	110	129 470
73	DL5IAH	K09	443	95	127 775
74	DL2RUG	Y09	385	107	127 009
75	DL3JDJ	H03	531	102	124 950
76	DL5GAC	P09	403	91	123 123
77	DK7GH	A05	368	102	122 196
78	DL1RTD	Y01	434	95	121 600
79	DL4XU	E02	521	104	120 744
80	DL7YAD	N12	360	109	118 592
81	DF4PD	G23	433	104	118 248
82	DL6UD	Y28	369	109	117 393
83	DJ0YZ	P06	409	105	115 605
84	DL7ULM	C25	399	96	114 528
85	DK2GZ	A36	312	116	109 504
86	DJ4MF	S54	317	99	107 811
87	DK2FG	N05	676	69	99 222
88	DM2RN	320	93	98 766	
89	DJ1OJ	C25	378	98	96 628
90	DL5CL	Z85	366	95	95 760
91	DK6TV	T07	480	91	95 186
92	DM3FZN	S53	327	96	90 720
93	DL2TR	P05	389	83	90 221
94	DK3WM	F73	288	99	89 100
95	DF2CH	O04	337	90	88 470
96	DJ3XD	H31	392	92	87 952
97	DL3ZAI	F58	398	83	86 154
98	DF5LW	M03	382	90	83 700
99	DL2JAA	S48	343	92	83 076
100	DL4UCS	X04	337	95	81 415
101	DF1OE	H48	245	97	79 055
102	DL1AKL	X28	348	85	76 670
103	DL3FBB	F54	296	80	75 200
104	DK2TC	G08	270	84	74 760
105	DD5M	C01	602	46	74 336
106	DL7QU	D04	219	96	72 672
107	DL7VMM	D25	298	72	71 280
108	DF58M	271	83	70 799	
109	DL3DUE	S02	291	86	69 402
110	DL8KAC	G19	465	49	69 237
111	DL7YS	D06	256	93	68 634
112	DK4HH	V28	246	80	65 600
113	DL6UEF	Y27	235	84	62 580
114	DL5FCO	F39	269	75	56 625
115	DF1LX	M15	244	86	56 416
116	DF0CK	X32	184	85	53 380
117	DL1THB	V11	298	76	53 200
118	DK7ZH	263	79	52 851	
119	DD5KG	C04	228	79	52 614
120	DK3AX	B18	230	71	50 410
121	DL9CW	S01	203	74	50 246
122	DL1DXL	S06	234	76	49 096
123	DL2YCA	F27	267	73	48 399
124	DM3RB	V20	215	73	47 523
125	DF8UO	A17	248	70	46 900
126	DA18T/P	K51	213	69	44 919
127	DL4VQ	Q06	174	69	39 744
128	DL2ASB	X09	197	67	39 061
129	DF7OA	H01	191	72	38 664
130	DL3DRN	S27	197	61	38 247
131	DL5OAB	G20	170	74	37 296
132	DK1KC	B10	146	65	33 540
133	DK3PM	V02	210	60	31 800
134	DJ5HB	H04	189	62	28 706
135	DJ5KX	G09	189	56	28 504
136	DJ5QE	N20	209	65	28 145
137	DL5MEL	T21	163	61	27 999
138	DK4SC	P05	163	60	27 780
139	DC9MA	C13	151	52	27 300
140	DK2MT	N42	138	64	26 752
141	DL3ARK	X36	168	55	26 290
142	DJ7YT	M11	143	59	26 255
143	DK5M	X24	165	51	26 163
144	DL8ULF	Y37	153	57	24 453
145	DL2AXM	X39	136	64	23 680
146	DL5WB	X09	132	50	23 000
147	DD6SR	P20	193	35	21 945
148	DL3ZZA	D25	153	58	21 402
149	DL7FA	D08	134	54	21 384
150	DM3GH	W26	137	58	20 706
151	DM3AZ	D11	146	52	20 696
152	DJ2GM	C12	107	56	20 216
153	DJ2FR	C06	147	45	20 115
154	DL2ZBO	F12	136	55	20 020
155	DL5SVB	V17	103	42	16 254
156	DM2ORI	X10	93	48	15 216
157	DH8MS	R01	125	43	15 179
158	DL7RSM	Y09	117	42	14 742
159	DO2MS	Z54	125	37	14 171
160	DK3WJ	X22	95	43	13 631
161	DL1ALN	X06	104	41	13 530
162	DL2HYH	W33	95	42	13 314
163	DL6UM	X20	88	48	12 960

Place	Callsign	DOK	QSOs	Multi	Total Score
164	DL5CD	S60	125	37	11 729
165	DL9GWA	V04	106	38	11 704
166	DK9MH	C18	101	33	11 517
167	DL0GRH	S18	80	38	9 880
168	DO1UZ	S27	129	31	9 393
169	DL5DRM	S13	102	39	8 658
170	DL9WAA	S37	81	36	7 740
171	DL7UG	D26	78	40	7 200
172	DL3AKM	X39	89	32	6 240
173	DL5HF	Z27	82	26	6 136
174	DK9HF	E34	49	35	5 075
175	DJ8RX	C13	56	24	4 560
176	DJ6UP	G06	55	27	4 131
177	DL1AAU/P	X36	54	25	3 350
178	DF2AP	X10	110	20	3 280
179	DL4FDM	F02	55	25	3 275
180	DL1SWT	V19	41	24	3 240
181	DL8VKO	P61	60	25	3 100
182	DN4MZ	C28	45	18	2 430
183	DL2DRG	S24	52	21	2 016
184	DL1SBF	P51	55	12	1 788
185	DL6UAM	Y24	73	14	1 750
186	DK2AB	Y36	30	18	1 548
187	DL2MEP	C26	72	13	1 534
188	DJ3EF	S44	27	16	1 168
189	DL1SVA	V04	23	11	1 045
190	DL1AZA	S41	28	13	702
191	DJ3TY	M02	51	9	657
192	DL1LAF	E33	34	4	152
193	DL5KW	A10	26	2	56

Operators: DA18T/P: LX1NO. DD5M: DJ0YZ. DF0CK: DM2AJK. DK5M: DL5AOJ. DL0GRH: DJ5NN. DL0IS: DF9DM. DL0JB: DL6YAO. DLOWN: DJ9CB. DQ3Q: DL4T1.

**Single operator, CW, high power**

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DK3DM	O03	1 836	258	1 529 940
2	DK9PY	K04	1 980	240	1 459 200
3	DA2MORSE	MORSE	1 622	223	1 082 888
4	DL7VEE	D26	1 624	211	1 042 340
5	DJ9DZ	N06	1 520	204	955 944
6	DL9GFB	V06	1 519	210	944 370
7	DL1VDL	S06	1 482	205	922 500
8	DL7USA	Y06	1 424	201	896 862
9	DJ9AO	X22	1 218	222	887 112
10	DL6KVA	V01	1 194	195	752 310
11	DL5XL	E20	1 266	191	723 508
12	DL3KUM	V04	1 073	188	637 884
13	DL2MDU	C06	1 024	198	634 392
14	DF9GR	T01	1 193	181	610 513
15	DL4ME	X30	1 309	175	594 475
16	DL2OE	Y15	931	182	545 454
17	DL6UNF	Y27	1 085	159	513 729
18	DL2SAX	P05	985	164	484 620
19	DF0CI	X12	825	171	464 265
20	DJ9MH	B10	992	172	461 648
21	DL2VM	S36	833	166	419 814
22	DL7JOM	Y07	752	146	341 348
23	DJ2IA	F43	745	142	320 778
24	DL5ASK	X29	619	142	281 586
25	DF4UM	P07	562	142	243 956
26	DF8AA	X37	653	122	228 506
27	DK0MM	F39	528	129	217 236
28	DL9SUB	V14	604	119	217 056
29	DL3DQL	S02	616	113	213 118
30	DF9LJ	M15	520	131	208 552
31	DL9AWI	X11	472	109	174 836
32	DK7VW	Q10	416	122	166 164
33	DL5YAS	N34	378	108	115 560
34	DP7A	B25	307	89	96 031
35	DL4CF	F76	363	91	94 731
36	DH7KU	C28	397	70	88 410
37	DL9LM	V14	445	54	73 278
38	DJ1MM	C15	289	81	68 283
39	DF2UD	K17	313	76	62 396
40	DL5DBH	O14	229	65	32 435
41	DF6RI	U15	144	47	20 304
42	DK1WU	G17	161	49	19 943
43	DJ2SL	F20	119	48	19 728
44	DF5BX	I37	145	52	19 396
45	DK0SU	P11	114	32	14 080
46	DL1L0D	S41	97	39	13 923
47	DC9ZP	G10	75	28	5 348
48	DL6UHA	Y27	54	22	4 840
49	DL5KVV	DVV	51	6	318

Operators: DA2MORSE: DL5SE. DF0CI: DL8AKI. DK0MM: DJ7IK. DK0SU: DF7SA. DP7A: DH8VV.

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DK5DQ	O32	1 358	238	1 047 676
2	DF1MM	I18	1 576	218	995 388
3	DL6MHW	W37	1 222	257	975 572
4	DL9EE	M11	1 167	222	824 730
5	DL9ABM	H07	1 243	199	739 683
6	DM3ZF	Y28	1 146	192	649 728
7	DL2LRT	S36	1 075	177	560 559
8	DL7UMK	Y07	1 016	173	490 282
9	DF2SD	L06	834	176	444 576
10	DJ1RK	X17	842	176	437 184
11	DL1DQW	S04	1 051	165	431 145
12	DL5JAN	S53	909	169	402 389
13	DL7DZ	I11	865	166	393 586
14	DL1NKS	B24	1 145	148	347 652
15	DL5MO	X30	796	157	342 888
16	DL5DXS	S04	721	149	323 181
17	DL3HWD	W35	715	158	322 162
18	DA3T	S22	889	138	309 258
19	DD2ML	C15	582	139	251 034
20	DL0ERZ	S14	538	144	242 208
21	DM3F	S07	545	140	236 460
22	DK3RA	V10	562	135	234 630
23	DL1MHJ	C12	589	150	234 150
24	DL6KWN	V07	648	128	220 416
25	DL1NEO	B36	546	140	216 160
26	DR0R	O52	739	124	204 972
27	DL4MHA	C06	452	120	179 040
28	DH4PSG	N20	732	117	172 692
29	DL1OD	H24	500	125	171 500
30	DL9ECA	L06	579	123	170 355
31	DL8AAV	H20	683	113	166 223
32	DM4DX	N40	535	126	163 422
33	DH8WE	X23	536	115	163 070
34	DL5SWB	V14	503	105	136 185
35	DL5WW	V22	389	103	135 445
36	DJ2MX	C26	399	95	134 425
37	DR5K	X42	546	104	134 160
38	DL5CK	W10	419	109	133 525
39	DF8XC	N01	453	118	130 626
40	DL5JRA	S56	531	104	124 696
41	DL7ACN	A22			

Place	Callsign	DOK	QSOs	Multi	Total Score
95	DL4LAX	M12	368	59	39 412
96	DL1AWC	X31	227	71	39 405
97	DO3KTM	H42	242	58	38 396
98	DL4EAX	R22	211	75	37 125
99	DM3KC/P	I18	266	65	35 230
100	DB7BU	I11	173	74	35 002
101	DH5AO	X14	226	70	35 000
102	DL1T5	T05	218	67	34 438
103	DL6OAK	H37	177	70	33 670
104	DG1NI	I12	188	69	32 982
105	DL6HH	O43	203	69	32 775
106	DL1JGO	F76	186	69	32 568
107	DB2BJT	I49	200	66	32 472
108	DB1BAC	I18	153	72	31 752
109	DLOWZ	GS11KT	301	56	31 416
110	DL1PBC	K32	194	72	31 392
111	DL6VAQ	N07	199	70	31 150
112	DL1BFR	I33	199	64	30 784
113	DG1LS	M13	208	66	30 096
114	DK4VY	E20	174	63	29 736
115	DL0ABK	X29	318	51	29 376
116	DL5BAW	I53	163	60	29 340
117	DD1OP	H04	163	69	29 325
118	DF5AN	H09	150	69	29 118
119	DK6PW	Y06	173	58	29 058
120	DM2EV	X11	179	69	28 635
121	DF0DNT	DNT	139	60	28 380
122	DL1TIM	O27	174	66	27 852
123	DO7OM	I18	197	54	27 486
124	DL2DUA	S02	198	60	27 480
125	DG3MR	T09	135	63	27 279
126	DM2DMI	X10	184	53	27 136
127	DL2QT	C18	182	60	27 120
128	DL3EBX	R09	158	55	26 950
129	DL7VRG	D21	142	62	26 784
130	DL2KWA	V06	214	64	26 496
131	DF2KD	G22	250	55	26 400
132	DL0IT	60Q02	343	38	26 334
133	DD2PI	K40	170	63	26 082
134	DM2BR	W24	203	52	25 948
135	DL9HB	E30	128	65	24 700
136	DG2MEL	C16	194	63	24 696
137	DL3RNZ	Y12	221	54	24 246
138	DL7UAI	D16	164	62	24 180
139	DF2AD	H51	121	59	23 777
140	DJ6OL	H55	210	56	23 408
141	DO8ABS	B24	179	51	23 307
142	DL7VX	D14	115	58	22 678
143	DL4SZB	V17	198	55	22 330
144	DL2LAR	M15	196	56	22 288
145	DD5MA	G17	162	60	22 200
146	DL9GMC	V06	120	59	22 184
147	DO1MGN	X37	232	45	22 050
148	DL0EL	I03	138	61	21 350
149	DG6OAG	H62	127	61	21 167
150	DJ7TW	P20	170	53	20 352
151	DL8JEW	S63	157	57	20 349
152	DC2CB	N29	145	50	19 950
153	DL4SUN	V15	114	51	19 482
154	DL3HWM	W21	105	47	19 035
155	DL6UJH	Y28	133	59	18 703
156	DJ4DN	O05	101	53	18 603
157	DJ5AQ	O16	133	56	18 424
158	DL8OK	H03	97	57	17 841
159	DM2RM	E28	124	50	17 800
160	DG6LAU	M35	157	54	17 442
161	DL4RAT	C08	140	46	17 204
162	DL2AWA	X10	107	55	17 105
163	DB4MZ	C12	203	45	16 695
164	DL8ULO	Z91	115	50	16 550
165	DL1DF	Z03	266	38	16 416
166	DL7VPO	Y21	197	48	16 272
167	DL6ON	Z84	128	49	16 268
167	DL8UVG	Y30	126	49	16 268
169	DL7FB	G50	129	47	15 933
170	DL8UAA	Y43	154	48	15 840
171	DF1ASG	Z90	136	49	15 680
172	DO7NE	S37	172	41	15 498
173	DL1JPF	S58	105	53	15 211
174	DJ4WM	H40	149	47	14 617
175	DL2BUM	Y22	101	54	14 526
176	DL3IF	P50	154	49	14 504
177	DL2RZG	W36	110	49	14 014
178	DF9IK	A36	95	50	13 850
179	DL1ICB	X35	99	42	13 734
180	DH7TNO	C01	90	52	13 624
181	DL1BDK	I55	147	48	13 296
182	DL/EASHQY		107	46	13 202
183	DL8DUL	S02	118	42	12 936
184	DJ4AK	P08	123	46	12 834
185	DM5CT	X10	84	48	12 672
186	DJ9UJ	B14	116	46	12 512
187	DL1NPG	V22	129	47	12 455
188	DO5TMM	P19	178	38	12 312
189	DO7FOX	H42	184	35	12 250

Place	Callsign	DOK	QSOs	Multi	Total Score
190	DL1VTL	S14	86	49	12 054
191	DK7FP	L05	155	43	11 997
192	DO1AJV	X22	124	29	11 774
193	DB1CP	R33	87	45	11 565
194	DL0MAG	W05	152	37	11 544
195	DK8AP	H22	118	45	11 160
196	DOSAW	X11	182	33	11 088
197	DO3PKE	Y25	145	35	10 885
198	DL3UT	S27	126	41	10 824
199	DO8TB	O52	124	35	10 640
200	DK4WF	S29	93	35	10 605
201	DL5TW	X31	80	42	10 416
202	DC7UG	I49	125	43	10 277
203	DD9NT	F06	108	41	10 004
204	DH6VMC	N41	81	43	9 933
205	DL4VAQ	Z19	102	39	9 516
206	DL7GZ	Q01	74	45	9 360
207	DO9PL	R24	196	28	9 240
208	DL8CHR	C37	108	40	9 200
209	DG1DRS	S24	104	37	9 028
210	DL2MST	T19	81	42	8 862
211	DM5WH	F17	245	23	8 073
212	DG5AAP	I15	102	38	7 980
213	DL6RBH	U20	80	39	7 878
214	DD2CW	T02	58	38	7 600
214	DG2LO	M35	96	40	7 600
216	DO1DJ	K45	69	30	7 530
217	DH1RJ	S04	65	36	7 380
218	DL5JH	R09	97	35	7 245
219	DM7DX	W22	90	36	7 200
220	DG5WIN	D16	69	34	7 106
221	DO1NPF	U10	88	26	7 072
222	DG9SEH	P47	74	39	7 020
223	DL3VL	D16	60	39	6 942
224	DL1DOF	S28	103	30	6 870
225	DL3DWD	S02	167	28	6 804
226	DM2AJK	X32	55	38	6 802
227	DL6UMF	Y25	116	33	6 732
228	DL1RLB	Y06	84	31	6 572
229	DK2PZ	C01	69	36	6 516
230	DC1MBB	C12	61	36	6 372
231	DL8EKI	I09	67	32	6 304
232	DH5NBK	B38	82	30	6 300
233	DF1GU	T13	103	30	6 090
234	DO6NI	Z90	71	29	5 887
235	DL8OAZ	H42	72	33	5 874
236	DL5ALW	X06	47	35	5 845
237	DH0FAB	Z05	64	34	5 780
238	DO1MHZ	B37	52	32	5 696
239	DLOVX	N49	61	34	5 678
240	DF1AN	V11	57	33	5 313
241	DL8UER	Y27	64	28	5 264
242	DL1DXF	S28	63	35	5 215
243	DO9CTB	Y21	138	23	5 198
244	DM4JK	Y11	67	30	5 070
245	DJ9SN	C01	70	17	5 066
246	DO9HSK	Y28	104	22	5 016
247	DG8FAY	F27	49	33	4 917
248	DL1LQL	S41	54	25	4 700
249	DL1AZK	X23	48	29	4 640
250	DL3TVI	X09	44	31	4 588
251	DF4TD	P09	49	25	4 575
252	DL1DTF	S27	64	30	4 560
253	DL9HCO	E09	62	30	4 500
254	DF0A	T01	48	32	4 416
255	DL3BY	C25	65	23	4 393
256	DO1VB	F07	94	24	4 272
257	DK0GYB	W33	74	26	4 160
258	DG5VV	S10	43	32	4 128
259	DL8NCG	B39	45	28	4 116
260	DL1APQ	X21	68	28	4 032
261	DO1RTO	C30	48	23	3 864
262	DG2BHB		41	28	3 780
263	DL2MIH	C18	42	27	3 618
264	DL3AWI	X06	54	27	3 456
265	DL3BRA	Y16	135	16	3 376
266	DL4NN	B31	42	23	3 220
267	DH6ICE	Y28	41	23	3 197
268	DG7HL	T15	46	27	3 186
269	DL4OCF	H24	72	23	3 082
270	DL5MHR	T17	35	25	2 825
271	DL7UE	D04	71	21	2 793
272	DC2TOM	C07	38	22	2 772
273	DM4KR	W08	58	22	2 684
274	DH3KBI	X23	71	21	2 667
275	DK1TR	C01	51	23	2 599
276	DL9RB	G43	45	25	2 525
277	DG8HU	E15	58	21	2 478
278	DG2EBW	R09	31	25	2 475
279	DG2RSO	Y04	36	22	2 464
279	DM2TIM	R10	44	22	2 464
281	DROK	DRK	50	22	2 420
282	DO2GKP	K51	69	19	2 223
283	DK3FB	O43	23	23	2 047
284	DJ2GMS	P20	30	20	2 040

Place	Callsign	DOK	QSOs	Multi	Total Score
285	DN1APQ	X21	64	19	2 014
286	DC1MPP	C12	30	21	1 932
287	DO1RAA	K45	121	11	1 925
288	DL1PF	F16	38	18	1 908
289	DL1LMN	C16	37	20	1 900
290	DO6MBA/M	F07	32	16	1 888
291	DJ4PK	P02	28	20	1 880
292	DL5FCY	F11	26	21	1 722
293	DL1HLB	E19	25	19	1 615
294	DK6UC/P	W21	28	19	1 596
295	DO2VI	V11	92	12	1 584
296	DO1SKP	H16	46	17	1 564
297	DH7RD	F05	41	18	1 458
298	DLOSX/P	75M13	63	15	1 455
299	DL8JW	G19	25	17	1 275
300	DO1KUB	F27	27	16	1 264
301	DG1VR	S24	60	11	1 166
302	DG4DDA	O43	23	17	1 037
303	DH2PAF	F11	23	15	1 035
304	DO2HN	S24	27	11	979
305	DK6YM/M	O43	21	13	923
306	DG0OCC	X31	53	12	900
307	DL7CU	D21	19	13	897
308	DO8BR	O52	21	14	882
309	DG2BAT	I02	38	13	858
309	DO4VPF	A17	22	13	858
311	DO2LR	O43	18	11	704
311	DO4ZH	V03	68	8	704
313	DO1RGI	X31	26	12	600
314	DO3SH	X25	54	8	576
315	DL15TV	U13	16	11	550
316	DO15TG	B14	16	9	468
317	DL8DXL	S22	16	11	462
317	DO9HL	Q05	46	7	462
319	DB1SMB	P61	18	10	420
320	DG6SCP	P31	14	11	

Place	Callsign	DOK	QSOs	Multi	Total Score
42	DJ3HW	H04	256	66	43 692
43	DL8DBW	O43	247	74	43 586
44	DL5MEV	C16	232	56	43 568
45	DL7DCL	Y43	227	74	42 698
46	DJ5IW	C27	206	67	40 870
47	DL2FK	P15	206	74	38 628
48	DG1YFF	F76	244	64	32 640
49	DL1BKT	I55	208	62	32 240
50	DG2NMH	B08	180	74	32 116
51	DL1JKK	S56	182	67	31 892
52	DK4IO	A36	166	62	25 668
53	DC3RJ	B25	141	50	24 750
54	DL7TJ	E33	126	63	23 562
55	DL1BSN	Y21	157	61	23 119
56	DH1DA	P30	139	51	16 677
57	DJ6XV	N38	117	49	15 827
58	DF3TE	G46	119	47	14 899
59	DJ8QA	P61	113	52	14 716
60	DH1PAL	G46	106	44	13 200
61	DL15WB	V28	163	30	9 870
62	DK5KMA	X33	112	27	9 666
63	DK2NG	W06	89	36	9 324
64	DL1LTK	X31	148	33	8 976
65	DG4UF	S22	68	42	8 232
66	DL6DVU	S07	90	35	7 000
67	DK4VF	M27	69	31	6 355
68	DL8NCU	B36	100	28	4 928
69	DL1LT	H55	65	24	4 536
70	DL2AMD	X22	34	12	672
71	DL2OBN/M	Z35	39	8	440
72	DJ8ES	Z71	15	5	155
73	DL5CU	V07	14	1	14

Operators: DA0T: DL7AT. DLONO: DF2LH.

Single operator, mixed, QRP

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DL3KVR	V02	753	151	331 143
2	DL6IAK	A36	722	156	323 232
3	DL6AWJ	X23	736	133	255 892
4	DL4HG	E38	443	128	162 176
5	DL2HWB	W21	501	117	160 407
6	DK1YY	O04	521	115	157 205
7	DL8LR	Q18	504	116	150 336
8	DL6OZ	H24	503	106	133 878
9	DL1JQJ	S50	400	102	120 564
10	DK2YI	N34	446	95	115 330
11	DL5IAG	S54	358	100	105 800
12	DF1HF	E21	334	112	102 592
13	DL8AWK	X31	445	93	98 301
14	DL8TG	H24	262	106	95 400
15	DL2ANM	X39	356	98	92 708
16	DK1IZ	M05	267	86	70 606
17	DL2DWP	S08	299	88	68 200
18	DK4CU	O12	229	81	54 351
19	DK5CF	I11	197	71	38 411
20	DF5RF	F43	212	74	36 556
21	DL8ZAJ	F09	187	65	31 525
22	DH0JAE	Y28	173	56	28 616
23	DF1SZ	P40	137	55	22 165
24	DL5AYI	X02	141	54	20 358
25	DM3XI	X10	92	44	16 016
26	DL1RNN	H24	107	49	14 259
27	DF7LS	M09	107	50	13 350
28	DL7GEM	F27	88	39	12 324
29	DL3BVA	Y16	67	34	7 718
30	DJ3GE	G25	54	29	5 452
31	DL1BJA	I53	49	28	4 060
32	DL6MWG	W37	46	24	2 592
33	DM9KT	X06	35	20	2 220
34	DJ6FO	K01	28	25	2 200
35	DK6AC/P	H24	36	21	1 932
36	DG8VE	Q08	31	17	1 921
37	DL9GTI	V03	22	9	378
38	DF9WOY	S01	12	9	342
39	DF5AU	X22	9	8	168
40	DF1RL	M35	18	3	66

Multi operator

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DL1A	C30	2 275	403	3 280 017
2	DL0XM	S41	2 147	377	2 654 457
3	DP9A	Y37	2 012	340	2 260 320
4	DL0CS	M15	2 080	316	2 027 456
5	DQ4T	F27	1 922	300	1 945 200
6	DP6T	F49	1 683	306	1 876 698
7	DM3W	Y24	1 697	309	1 782 003
8	DF0UK	A24	1 409	259	1 255 373
9	DL5L	X23	1 423	238	1 117 410
10	DL1WA	X28	1 630	221	1 069 198
11	DF5A	V11	1 263	229	945 541
12	DF0SX	P51	1 387	205	860 795
13	DL0GL	L03	1 292	217	851 508

Place	Callsign	DOK	QSOs	Multi	Total Score
14	DK0HF	N08	1 296	155	680 450
15	DL1A	A25	962	186	539 028
16	DH0F	B09	1 018	180	491 040
17	DL0UM	F15	724	176	466 048
18	DL0P	Y08	947	175	455 875
19	DL0C	Y13	933	159	439 317
20	DP9I	R25	974	150	405 000
21	DK0FR	A05	720	162	353 808
22	DL0WJ	K11	704	152	259 008
23	DL0RH	E22	754	153	242 658
24	DA0CC	D23	683	139	228 099
25	DL0PS	N14	539	139	193 349
26	DM5D	Y43	518	128	191 232
27	DM3B	Y14	547	129	186 405
28	DL0RM	K56	657	120	178 200
29	DL0DG	L02	544	103	109 386
30	DL0FTL	S27	407	99	107 415
31	DK0CN	T19	345	94	97 854
32	DL0LO	I07	428	97	80 898
33	DK0FI	I09	261	96	77 280
34	DF0IC	I41	222	78	44 148
35	DQ7Y	B19	205	72	40 824
36	DM5G	X20	166	65	33 670
37	DL4A	P55	185	66	30 822
38	DL4ZY	F27	173	54	26 730
39	DM4G	H24	147	59	20 827
40	DL0RUS	C01	143	39	18 681
41	DL0MER	W21	141	34	8 874
42	DK0TEU	E29	74	26	3 796

Operators: DD1A: DO1GAR, DK2GP, DL1II, DF0IC: DH1FY, DK4BCE.  
DF0SX: DL5YM, DL3ZA, DF0UK: DB1CA, DF1MA, DF2IV, DF4IAO, DJ5IR,  
DK9IP, DL7FG, DF5A: DF8DHG, DL3KWF, DL7FBG, DL9GMN, DL9GRE,  
DL9GWD, DM2DXA, DO1HVH. DH0F: DL9NDW, DD2SR, DL3ARM. DK0CN:  
DG5DJ, DM8FW, DK0FR: DF5GZ, DF6UJ, DF7GR, DJ5GK, DK1TX, DL7BC,  
DL8ZL, DO1AFA, DO4WNJ, DOSMFA, DK0HF: DG9YB, DLYEL, DF9QQ,  
DG2YCO, DK0TEU: DB7SH, DO3ZR, DB8IO. DL0C: DC7LQS, DL45J,  
DL6UBM, DL8UKE, DM7OKH. DL0FTL: DL2DRM, DH5ABC, DL1DWR.  
DL0GL: DL3QQ, DL2VB, DJ0RU, DL6YB. DL0LO: DB8WJ, DH4K, DJ7PA,  
DK6BS. DL0MER: DL9HUH, DL1HRE. DL0P: DL7JN, DL7JBO, DL1GOR,  
DL2KMS, DL7SL, DC2CW. DL0PS: DK9SQ, DL2YET, DO9KK, DO6NKK.  
DL0RH: DL7CB, DG7XO, DG4HZ. DL0RM: DO9WL, DL5WO, DH2PC,  
DHSWA, DG1PY, DH1PQ, DK2FQ. DL0RUS: DL7LN. DL0UM: DL0UM,  
DL5ZBA, DL9AYL, DL9FCL. DL0WJ: DH85L, DL9TX, DD4MD, DN4MS,  
DO3MIB, DL2EMC. DL0XM: DL3AFO, DL4WG, DL5AXX, DL5LYM, DL5WS,  
DL7URH, DL8DYL, DL8WAA, DL9DRA, DL9WVM, DM3XM. DL1A: DJ1YFK,  
DIZQV, DJ5MW, DK7AH, DO4DXA. DL1WA: DL1WA, DL4WA. DL4A:  
DB1SDJ, DL2MT, DL4NL, DL4MP, DL9K, DL5L: DM2MF, DL5ANS,  
DG00KW. DM3B: DL1BSC, DL1BWU, DM7VPM, DL7JRD, DM2DME,  
DK8OM, DE2MAC, DL7VL, DL7VAF, DL4TRN, DO2JBK. DM3W: DK2TK,  
DK4WW, DL5CW, DL7AU, DM6DX, DOSWW. DM5D: DK8RE, DM5WF,  
DO1BKW. DM5G: DO3ASE, DO5BFH, DM3BJ. DP6T: DF3FS, DL6SAK,  
DB6MC, DL8JJ, DO3HPR, DK9UMA, DM6KG, DF6RK, DL1ZM, DL4CR,  
DL2FCQ, DG6FCS, DL1FMK. DP9A: DF1AL, DJ7TO, DK4WA, DL5YYM,  
DL8UAT, DJ6TF. DP9I: DK8XX, DL1EK. DO4T: DC9SG, DJ9KM, DK5PD,  
DK9VZ, DL6WT. DQ7Y: DL7MX, DK2RO.

SWL, single operator

Place	Callsign	DOK	QSOs	Multi	Total Score
1	DE3RHN	V22	413	98	121 422
2	DH2URF		352	96	101 376
3	DE1DDH	S01	173	76	27 664
4	DE3HTV	I33	266	78	20 748
5	DE3TMJ	I33	236	78	18 408
6	DE3YLV	I33	188	73	13 724
7	DE2UAA	Y43	26	22	616
8	DE20BN	Z35	14	11	154

DU - Philippines

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	DU1LC	99	23	4 554
2	DU7HF	3	2	18

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	DU1/JJ5GMJ	18	14	756

E7 - Bosnia-Herzegovina

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	E73X	100	35	10 500

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	E73PY	198	55	32 670

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	E74WN	44	23	3 036
2	E73MJ	11	8	264

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	E73ESP	103	46	14 214

EA - Spain

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	EA5FP	427	88	112 728
2	EA5CP	259	62	48 174
3	EA7HNN	95	46	13 110
4	EA4CWW	54	22	3 564
5	EA4XT	37	29	3 219

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	EA5YU	444	108	143 856

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	EA2DT	591	91	161 343
2	EA3KT	284	83	70 716
3	EA2SS	188	63	35 532
4	EA3WX	98	49	14 406
5	EB3WH	50	31	4 650
6	EA5TN	30	21	1 890
7	EA7HE	19	17	969
8	EA3HMB	21	15	945
9	EA5CZM	19	16	912
10	EA2CHL	21	14	882
11	EA3GYK	16	6	288

Operators: EA3GYK: DK7TM.

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	EA7HGX	406	59	71 862

Multi operator

Place	Callsign	QSOs	Multi	Total Score
1	EC1KR	1 407	113	474 261

Operators: EC1KR: EC1KR, EC4DX, EA4AOC, DH1TW.

EA6 - Balearic Islands

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	EA6/DL5QS	69	36	7 452

Single operator, mixed, QRP

Place	Callsign	QSOs	Multi	Total Score
1	EA6/DK7AN	97	35	10 185

EA8 - Canary Islands

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	EA8AVK	421	68	85 884
2	EA8AY	143	55	23 595
3	EC8AFM	61	37	6 771

EI - Ireland

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	EI8JX	533	81	129 519

Single operator, mixed, low power

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**EU - Belarus**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	EW1IP	582	102	178 092
2	EW6GF	501	96	144 288
3	EU6AA	127	54	20 574
4	EU6RO	128	30	11 520
5	EW2EG	19	14	798

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	EV6Z	251	58	43 674

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	EU1EU	42	20	2 520

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	EW8EW	61	35	6 405

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	EW8ZO	115	48	16 560

Operators: EW8ZO: EW8-132, EW8-146, EW8ADX.

**EX - Kyrgyzstan**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	EX8BN	15	14	630

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	EX2A	236	72	50 976

**F - France**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	F9KP	462	89	123 354
2	F5AQB	279	77	64 449
3	F/PR7AB	88	24	6 336
4	F8OOI	9	8	216

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	F1FPL	169	52	26 364
2	F8VNU	143	55	23 595
3	F6DRP	238	25	17 850
4	F8KKH	45	17	2 295
5	F4FNT	28	17	1 428
6	F4GFT	3	2	18

Operators: F8KKH: F4GBW.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	F5NBX	149	48	21 456

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	F5VBT	568	88	149 952

**G - England**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	G0CKV	775	117	272 025
2	G5LP	642	116	223 068
3	G0SYP	409	101	123 927
4	G3GLL	193	63	36 477
5	G3RSD	150	51	22 950
6	G0WHO	60	23	4 140
7	G2HDR	55	24	3 960
8	G4RBI	32	12	1 152
9	G0MTN	20	13	780

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	MX1SWL/A	410	91	111 930
2	G3TXF	68	32	6 528

Operators: MX1SWL/A: G3NYY.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	G4DFI	144	61	26 352
2	M0MVCV	81	23	5 589
3	M0VKY	37	19	2 109
4	2E0EET	5	5	75
5	G7RTI	5	4	60

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	M1JJK	72	45	9 720
2	G8JYV	57	35	5 985

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	M0CEF	157	40	18 840
2	G6CSY	50	30	4 500
3	G4DBW	60	20	3 600

**GI - Northern Ireland**

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	G1AAM	159	74	35 298

**GM - Scotland**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	GM0OAA	142	66	28 116

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	GM4UYZ	14	11	462

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	MM0DXH	229	51	35 037

**GU - Guernsey**

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	ZU0FER	8	8	192

**GW - Wales**

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	MW0CWJ	45	28	3 780

Operators: MW0CWJ: MM0CWJ.

**HA - Hungary**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	HA2MN	280	81	68 040

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	HA7PL	315	82	77 490
2	HG5MORSE	37	15	1 665

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	HG8C	459	81	111 537
2	H88AR	251	40	30 120
3	HA1TI	157	56	26 376
4	HA7JK	95	50	14 250

Operators: HG8C: H88EK.

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	HA4FY	130	21	8 190

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	HG7T	904	108	292 896

Operators: HG7T: HA7TM, HA5BSW.

**HB - Switzerland**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	HB9SVT	290	61	53 070
2	HB9QA	53	35	5 565
3	HB9CSA	59	21	3 717

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	HB9MXY	72	53	11 448

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	HB9EE	231	103	71 070
2	HB9FA	408	56	68 544

Operators: HB9EE: HB9ELV, HB9EMP, HB9EPW. HB9FA: HB9ENM, HB9EVO, HB9YSI.

**HB0 - Liechtenstein**

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	HB0/DFSMA	240	25	18 000

**HP - Panama**

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	HO1X	732	87	191 052

**I - Italy**

**Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	IK4QJF	343	82	84 378
2	I6FDJ	295	72	63 720
3	I2ZGRG	232	61	42 456
4	IK2NUX	152	63	28 728
5	I28RSO	145	55	23 925
6	I2AZ	123	48	17 712
7	IK8TEO	119	40	14 280
8	I21GLX	102	42	12 852
9	IK2IKW	31	19	1 767
10	I2OFVD	37	14	1 554
11	I0DBF	19	10	570
12	I24AKO	15	9	405

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	IK3SCB	310	55	51 150
2	IW2FUT	130	47	18 330
3	IK2VUC	202	25	15 150
4	I23KMY	46	25	3 450
5	I2ZCSX	11	8	264
6	IK4XQT	10	7	210

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	I22KXC	446	85	113 730
2	IV3UHL	403	85	102 765
3	IW0HLZ	332	57	56 772
4	IK8INR	100	19	5 700
5	I27GAT	16	12	576
6	IW6PLY	14	10	420
7	I23QCH	3	2	18

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	IK2RMZ	261	66	51 678
2	I28JFL/1	212	53	33 708
3	IV3DRP	65	31	6 045
4	IK3OII	69	29	6 003
5	IK7FMQ	27	17	1 377

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	I-8207/VE	8	6	48

**IS - Sardinia**

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	ISO-405/CA	267	93	57 474

IT9 - Sicily

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	IT9RZU	498	100	149 400

JA - Japan

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	JS1FK	65	38	7 410
2	JA2KKA	57	36	6 156
3	JA1CPZ	35	19	1 995
4	JL8LTI	24	13	936
5	JG1RZH	12	10	360
5	JJ3DJS/8	12	10	360
7	JE2CPI	5	5	75
8	JG1SWV	2	2	12

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	JA9CWJ	212	62	39 432
2	JK1LUY	3	2	18

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	JF1KVG	59	38	6 726
2	JA0BJJ	36	24	2 592
3	JG1GCO	1	1	3

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	JA3LEZ	13	12	468

Single operator, mixed, QRP

Place	Callsign	QSOs	Multi	Total Score
1	JA0VTK	7	6	126
2	JR1NKN	4	4	48
3	JH3DMQ	3	3	27

K - United States of America

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	N4CW	393	93	109 647
2	K4MM	379	93	105 741
3	K4FPF	367	87	95 787
4	W9LILY	264	79	62 568
5	N9CK	254	80	60 960
6	N3GD	255	76	58 140
7	K5LH	172	68	35 088
8	WA1LWS	151	62	28 086
9	W1END	135	56	22 680
10	K4ORD	120	50	18 000
11	N3KR	105	46	14 490
12	AE7ON	58	30	5 220
13	N1NN	46	28	3 864
14	KD2MX	39	29	3 393
15	WA3AAN	29	19	1 653
16	KC4ABC	8	7	168

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	AA3B	697	119	248 829
2	W4BQF	382	85	97 410
3	K2SX	306	93	85 374
4	W2LE	340	81	82 620
5	N2ED	228	58	39 672
6	K1GU	210	62	39 060
7	W8CAR	167	62	31 062
8	AC7JW	138	58	24 012
9	N7DR	187	45	22 680
10	N3RD	161	40	19 320
11	K2MK	112	57	19 152
12	W7YS	101	56	16 968
13	W6RLL	109	46	15 042
14	K9MA	100	47	14 100
15	NB4M	57	30	5 130
16	N4AAI	50	30	4 500
17	K6JSS/4	48	29	4 176

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	WASSOG	204	70	42 840
2	W9DKC	125	67	25 125
3	AB2TC	120	67	23 919
4	AA8IA	107	41	13 161
5	NN6CH	53	32	5 088
6	KCODEB	37	26	2 886
7	KU5B	35	18	1 890

Place	Callsign	QSOs	Multi	Total Score
8	K7ACZ	25	17	1 275
9	W0PAN	19	14	798
10	W0NFS	17	13	663
11	K2JF	14	10	420
12	N8BGJ	9	7	189
13	WB8ZKI	8	7	168

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	KB1H	887	99	251 559
2	W8DA	596	74	132 312
3	K5ZD	308	98	90 552
4	K7RL	291	80	69 840
5	KG4W	231	78	54 054
6	K1JB	244	72	52 704
7	NK3Y	217	77	50 127
8	W6AFA	200	65	39 000
9	KQOC	156	71	33 228
10	N7AT	90	45	12 150
11	KA8Q	82	45	11 070
12	AD4L	75	38	8 550
13	N6WIN	63	30	5 670
14	K1TH	62	29	5 394
15	W4NBS	26	15	1 170
16	W7ON	23	16	1 104
17	KB4VL	6	6	108
18	WB5C	3	3	27

Operators

KB1H: W1UJ. N7AT: K8IA.

Single operator, mixed, QRP

Place	Callsign	QSOs	Multi	Total Score
1	WB3AAL	131	54	21 222
2	ND3D	85	40	10 200
3	AE3A	55	39	6 435
4	KS4X	49	32	4 704
5	W7FB	22	12	792
6	K3TW	13	9	351
7	N2WN	9	7	189

LA - Norway

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	LA6DW	366	86	94 428

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	LA2AB	205	69	42 435

Operators: LA2AB: SP2ASI.

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	LA2HFA	338	85	86 190
2	LA7TN	102	57	17 442
3	LA2GN	99	51	15 147

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	LA6KOA	411	94	115 902

LU - Argentina

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	LW3EX	66	20	3 960

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	LU1FU	3	3	27

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	LU1FL	58	39	6 786

LX - Luxembourg

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	LX9EG	148	59	26 196

Operators: LX9EG: LX1NO.

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	LX7I	396	89	104 931

Operators: LX7I: DF1LON.

LY - Lithuania

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	LY2CO	320	77	73 920
2	LY3QA	188	44	24 816
3	LY2LF	72	33	7 128

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	LY2J	632	108	204 444
2	LY2F	203	54	32 886

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	LY3CY	377	87	98 397
2	LY4T	226	90	61 020
3	LY2N	211	76	48 108

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	LY2BK	397	87	103 617

LZ - Bulgaria

Single operator, CW, low power

Place	Callsign	QSOs	Multi	Total Score
1	LZ1ND	773	116	269 004
2	LZ2PS	620	96	178 560
3	LZ1KP	314	82	77 244
4	LZ2FM	319	80	76 560
5	LZ2SX	260	56	43 680
6	LZ3TL	156	54	25 272
7	LZ3V	87	44	11 484
8	LZ1ONK	102	36	11 016
9	LZ1GL	47	15	2 115

Operators: LZ3V: LZ1NY.

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	LZ3FN	650	113	220 350
2	LZ8E	547	90	147 690
3	LZ1DQ	426	84	107 352

Operators: LZ8E: LZ2BE.

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	LZ1JZ	212	61	38 796
2	LZ3SD	136	55	22 440
3	LZ1DM	110	63	20 790

Single operator, mixed, high power

Place	Callsign	QSOs	Multi	Total Score
1	LZ1MC	412	75	92 700
2	LZ1BJ	208	25	15 600
3	LZ3HI	59	20	3 540
4	LZ26ZA	22	14	924

Operators: LZ26ZA: LZ1ZF.

Multi operator

Place	Callsign	QSOs	Multi	Total Score
1	LZ5R	1 564	124	581 808

Operators: LZ5R: LZ4UU, LZ5ZM.

OE - Austria

Single operator, CW, high power

Place	Callsign	QSOs	Multi	Total Score
1	OE3KAB	272	45	36 720

Single operator, mixed, low power

Place	Callsign	QSOs	Multi	Total Score
1	OE3DMA	475	72	102 600
2	OE6U	121	34	12 342
3	OE7AJT	108	35	11 340

**OH - Finland****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OH5TS	418	104	130 416
2	OH6NT	356	80	85 440
3	OH6NVT	141	59	24 957
4	OH7FF	143	24	10 296
5	OH1MAR	27	14	1 134

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OH2VZ	358	84	90 216

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OH1TD	80	31	7 440
2	OH2JU	16	16	768

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OH3OJ	1 023	108	331 452
2	OH1F	394	103	121 746
3	OH1B	152	60	27 360
4	OH6FA	175	46	24 150
5	OH5SUF	107	30	9 630

Operators: OH1B: OH1BOL. OH1F: OH1NOA. OH5SUF: OH5TEG.

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	OH8UV	77	23	5 313

**OK - Czech Republic****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OK1HX	515	107	165 315
2	OK1DRQ	485	97	141 135
3	OK1AY	386	73	84 534
4	OK1NE	303	86	78 174
5	OK5SA	248	81	60 264
6	OK1FCA	276	58	48 024
7	OK2ABU	182	63	34 398
8	OK1AOU	192	56	32 256
9	OK1BA	242	43	31 218
10	OK1XC	157	59	27 789
11	OK1MKI	138	48	19 872
12	OK3MO	168	39	19 656
13	OK2HZ	139	22	9 174
14	OK2BND	73	40	8 760
15	OK2QX	70	38	7 980
16	OK1ARO	73	35	7 665
17	OK1KVV	76	31	7 068
18	OK4DZ	65	19	3 705

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OL4M	436	83	108 564
2	OK1FRO	87	34	8 874
3	OK5MM	16	12	576

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OK2MBP	735	104	229 320
2	OK7T	701	97	203 991
3	OK2KG	186	63	35 154
4	OK2ILD	107	45	14 445
5	OK1IE	136	24	9 792
6	OK2MRJ	59	26	4 602
7	OK1VHV	42	28	3 528
8	OK2UFU	26	21	1 638

Operators: OK7T: OK1FHI.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OK1FED	254	48	36 576
2	OK1KZ	215	49	31 605
3	OK2HFC	148	56	24 864

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	OL4W	336	47	47 376

Operators: OL4W: OK1IF.

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	OL1B	31	19	1 767

Operators: OL1B: OK1FMJ.

**OM - Slovak Republic****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OM6AL	332	67	66 732
2	OM50CDN	206	42	25 956
3	OM3BA	101	38	11 514
4	OM8VL	132	25	9 900

Operators: OM50CDN: OM3CDN.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OM6TX	42	18	2 268
2	OM8TA	23	10	690

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OM4KK	353	77	81 543
2	OM4J	285	77	65 835

Operators: OM4J: OM4JD.

**ON - Belgium****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	ON4CAS	371	76	84 588
2	ON3ND	215	51	32 895
3	OR2F	169	34	17 238
4	OO9O	74	38	8 436

Operators: OO9O: ON7SS. OR2F: ON8LDS.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	ON6UQ	100	21	6 300

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	ON4VMA	318	69	65 826
2	ON3AR	141	44	18 612

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	ON7USB	634	87	165 474
2	OR2A	501	47	70 641

Operators: OR2A: ON1CB.

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	ON6HZ	150	41	18 450
2	ON7CC	104	43	13 416

**OZ - Denmark****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OZ2I	347	88	91 608
2	OZ5RM	161	57	27 531
3	OZ3A	157	54	25 434
4	OZ4CG	183	40	21 960

Operators:

OZ2I: OZ1BII. OZ3A: OZ5UR.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	OZ7YL	147	42	18 522

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	OZ4NA	84	52	13 104
2	OZ9V	65	34	6 528
3	OZ2PI	27	14	1 134
4	OZ1DYI	9	9	243

**Single operator, mixed, high power****Place Callsign QSOs Multi Total Score**

1	OZ7EA	286	82	70 356
2	OZ1OP	56	29	4 872
3	OZ7AEI	57	21	3 591

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	OZ8A	148	40	17 760

**P4 - Aruba****Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	P43JB	150	61	27 450

**PA - Netherlands****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	PG7V	502	112	168 672
2	PA2PCH	284	83	70 716
3	PA3CVI	243	49	35 721
4	PA2GRU	146	56	24 528
5	PA3AQL	143	49	21 021
6	PAOCYW	148	45	19 980
7	PAODIN	116	46	16 008
8	PAOWKI	94	31	8 742
9	PAOWLB	77	27	6 237
10	PAORBA	69	30	6 210
11	PA3CLQ	65	27	5 265
12	PA3AFF	46	27	3 726
13	PA0O	60	17	3 060
14	PA3DRL	52	19	2 964

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	PA3LOU	198	61	36 234

Operators: PA3LOU: PA0LOU.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	PA0MIR	448	114	153 216
2	PA4HM	241	45	32 535
3	PA0FAW	152	47	21 432
4	PA0B	75	40	9 000
5	PA7BAS	67	41	8 241
6	PA8KM	72	37	7 992
7	PE1LTY	62	35	6 510
8	PA0EMO	48	28	4 032
9	PG2D	50	26	3 900
10	PA3GEO	37	23	2 553
11	PA3IQD	31	21	1 953
12	PA1VD	31	19	1 767
13	PD1TV	10	8	240

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	PC2F	72	38	8 208
2	PA0RBO	54	31	5 022
3	PA1B	38	22	2 508
4	PI4ETL/P	25	18	1 350
5	PA0ATG	24	13	936

Operators: PI4ETL/P: PD0PMS.

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	NL6904	169	25	4 225

**PY - Brazil****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	PY4HO	109	50	16 350
2	PR7AR	56	34	5 712
3	PP5JY	58	29	5 046
4	PY4XX	54	20	3 240
5	PY3XX	31	15	1 395
6	PY7OJ	12	11	396
7	PY2XC	3	3	27

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	PY3AU	48	20	2 880

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	PY1SX	93	42	11 718
2	PP5BZ	42	22	2 772
3	PY1GQ	4	4	48
4	PU3SVA	2	2	12

**55 - Slovenia****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	S52AU	312	89	83 304
2	S58MU	354	66	70 092
3	S52W	99	29	8 613
4	S57U	55	20	3 300

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	S51DX	150	55	24 750

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	S52VW	16	11	528

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	S59T	162	50	24 300

**SM - Sweden****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	SM6/DL3KUD	614	105	193 410
2	SM6FKF	425	93	118 575
3	SM7ZDI	365	67	73 365
4	S15Y	317	67	63 717
5	SF3A	190	69	39 330
6	SM7RRF	182	68	37 128
7	856A	180	49	26 460
8	SM7CIL	130	46	17 940
9	SM6AHU	103	45	13 905
10	SM3EAE	54	30	4 860
11	SM6IQD	71	20	4 260

Operators: 856A: SM6DPF. SF3A: SM3CER. S15Y: SM5BKK.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SE2I	302	69	62 514
2	SE2T	255	76	58 140
3	SA1A	193	46	26 634

Operators: SA1A: SM1TDE. SE2I: SA2BRN.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	SE6N	144	52	22 464
2	SM5DXR	72	44	9 504
3	SM5ISM	82	33	8 118
4	SA7J	75	32	7 200

Operators: SA7J: SM7XGG. SE6N: SA6AXR.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SM4DQE	196	72	42 336
2	SE0X	248	52	38 688

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	SK7OA	860	120	309 600

Operators: SK7OA: SG7A, SM7LXV.

**SP - Poland****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	SP2LNV	626	114	214 092
2	SP1AEN	577	107	185 217
3	SP7LIE	409	90	110 430
4	SN5J	441	75	99 225
5	SP5ELA	322	87	84 042
6	SP2BLC	332	68	67 728
7	SP4GL	182	58	31 668
8	SP5BMM	156	50	23 400
9	SP2MHC	142	51	21 726
10	SN9I	126	55	20 790

**Place Callsign QSOs Multi Total Score**

11	SN9U	149	43	19 221
12	SP4AVG	123	50	18 450
13	SP9DUX	106	55	17 490
14	SP6BAA	113	41	13 899
15	SP9JZT	136	24	9 792
16	SP6MQO	96	20	5 760
17	SP3FYX	48	29	4 176
18	SP2DKI	25	17	1 275
19	SP3DOF	29	14	1 218
20	SP7JLH	22	16	1 056

Operators: SN5J: SP5JKK. SN9I: SP9EMI.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SP9GR	385	77	88 935
2	HF6WGC	189	63	35 154
3	SP9RI	148	48	21 312
4	SP2FAP	109	23	7 521
5	SP2QG	46	27	3 726

Operators: HF6WGC: SP6CES.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	SN3B	432	65	84 240
2	SP3SPK	224	79	53 088
3	SP1QXK	133	37	14 763
4	SP9ODM	87	46	12 006
5	SP5BB	72	32	6 912
6	SP3UIW	86	25	6 450
7	SP9CLO	53	40	6 360
8	SN9K	90	21	5 670
9	SQ6YV	64	29	5 568
10	SP9IKN	27	16	1 296
11	HF100TL	24	16	1 152
12	SQ4G	16	14	672

Operators: HF100TL: SP2GOW. SN3B: SQ3JPV. SN9K: SP9MDY.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SP9LD	796	120	286 560
2	SP3PJY	406	75	91 350
3	SO4R	152	40	18 240
4	SP9EJH	106	55	17 490

Operators: SO4R: SP4JCP. SP3PJY: 3Z3AHK.

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	SP2DNI	199	59	35 223
2	SP6BXM	74	22	4 884
3	SP0PLH	4	4	48

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	SP601032	32	21	672

**SV - Greece****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	SV2FWV	579	108	187 596
2	SV2HWR	272	50	40 800
3	SV1MF	177	68	36 108

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SV1ENG	722	108	233 928
2	SZ6P	695	107	223 095

Operators: SZ6P: SV1BJW.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	SV1JGX	670	86	172 860

**TA - Asiatic Turkey****Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	TA2/DL2JRM	880	111	293 040
2	TA3HM	311	71	66 243
3	YM3KB	149	57	25 479
4	TA3GO	151	55	24 915
5	TA7EB	139	25	10 425

**Place Callsign QSOs Multi Total Score**

6	TA3YE	94	25	7 050
7	TA5CV	58	39	6 786
8	TA2AHS	68	33	6 732
9	TC1C	7	6	126

Operators: TC1C: TA1DK. YM3KB: TA3DJ.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	TA3X	213	56	35 784

**TF - Iceland****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	TF3DC	28	16	1 344

**UA - European Russia****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UA4ALI	786	113	266 454
2	R3QA	757	116	263 436
3	RA1OT	766	112	257 376
4	UA1OOX	587	114	200 754
5	R3ZZ	542	115	186 990
6	UA1OAM	550	112	184 800
7	RA6AN	496	108	160 704
8	RV6LCI	466	109	152 382
9	UA4FCO	499	101	151 197
10	UG3G	460	108	149 040
11	UA9MRX/3	438	99	130 086
12	R3EA	418	95	119 130
13	UA3QAM	359	94	101 238
14	UA6HFI	366	85	93 330
15	UA1ODM	327	88	86 328
16	R4WT	400	69	82 800
17	RW1AI	328	81	79 704
18	RA3XCZ	281	92	77 556
19	RD4CAQ	283	86	73 014
20	RA6FUZ	229	78	53 586
21	R4II	225	78	52 416
22	RA3YZ	224	71	47 712
23	UA4PAQ	185	76	42 180
24	UA3PP	201	67	40 401
25	RW6MBC	178	73	38 982
26	RA6FPV	190	50	28 350
27	RV6ASU	123	53	19 557
28	UA4QK	175	24	12 600
29	RV3ZN	103	34	10 506
30	UA4AGO	79	39	9 243
31	RA3EA	64	43	8 256
32	R7AC	57	38	6 498
33	RA4FW	90	22	5 940
34	RZ3GV	48	19	2 736
35	RN3DKE	40	22	2 640
36	R3DAU	48	17	2 448
37	RN6AI	29	19	1 653
38	RA4UVK	22	13	858
39	UA4UAR	13	7	252

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	RT3T	1 013	122	370 758
2	UA4PN	962	122	352 092
3	RU4CO	906	120	326 160
4	RA1TU	846	115	291 870
5	UC7A	745	115	257 025
6	UA6LCN	648	114	221 616
7	RM3M	617	113	209 163
8	RW4AD	519	110	171 270
9	R3OM	340	98	99 960
10	RV3D	299	89	79 833
11	UA6G	234	87	61 074
12	RK6HG	248	78	58 032
13	RM5O	183	75	41 175
14	RV1OO	206	62	38 316
15	RT3N	156	69	32 292
16	RA1QD	119	62	22 134
17	RX6MR	142	43	18 318
18	UA4CNZ	80	40	9 600
19	R3OF	58	25	4 350

Operators

RM3M: RU3NIC.



**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	RU4SO	822	118	290 988
2	RL6LP	509	94	143 538
3	RK3CQ	437	96	125 856
4	R3LC	324	93	90 396
5	RN4SC	293	98	86 142
6	RA4DR	287	100	86 100
7	RX6LOL	215	88	56 760
8	RL3F	221	76	50 388
9	RA1AFR	238	65	46 410
10	RL3T	161	53	25 599
11	RA3DGH	128	55	21 120
12	R3AAA	111	54	17 982
13	UA6HHE	95	62	17 670
14	RN3BU	69	47	9 729
15	RK3DU	67	43	8 643
16	RK3TS	62	43	7 998
17	UA6LCG	60	38	6 840
18	RA4PBE	48	34	4 794
19	UB3DAO	42	26	3 276
20	UA6YW	56	17	2 856
21	R7MP	37	24	2 664
22	RA3YDA	32	26	2 496
23	RX6LDQ	16	13	624
24	RX3AU	9	9	243
25	RU3SD	3	3	27

Operators: RK3CQ: UA3AKI.

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	RT4RO	1 425	122	521 550
2	RA3CW	949	115	327 405
3	RN7F	778	122	284 748
4	R3GZ	757	109	247 539
5	RT4W	290	83	72 210
6	U1BD	220	62	40 920
7	RK3ZZ	100	40	12 000
8	UA4NCI	95	40	11 400

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	RW3AI	459	107	147 339
2	UA3RC	386	101	116 958
3	RU3FB	293	67	58 893
4	RA3AN	194	64	37 248
5	UA6AK	162	70	34 020
6	UA1CEC	157	59	27 789
7	RA3FD	111	44	14 652
8	RN4HAB	36	24	2 592
9	RX1CQ	34	20	1 920
10	RA1TV	18	12	648

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	RL3A	1 713	125	642 375
2	RN3F	1 591	123	587 079
3	R2AB	953	121	345 939
4	RK4HYT	645	117	226 395
5	RZ3TZZ	402	90	108 540

Operators: R2AB: R2AB, UA3ADN. RK4HYT: RA4HBS, RX4HB, RN4HHA, R4H-40. RL3A: RT3DX, RN3DNM, RJ3FF, UB4FAB, RL3FT, UA3ASZ. RN3F: RA1ZZ, RK3AW, RK3FM, RK3FT, RW3F, RX3F. RZ3TZZ: UA3TF, UA3TW.

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	R4C-61	134	51	20 502

**UA2 - Kaliningrad****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UA2FL	453	94	127 746

**UA9 - Asiatic Russia****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	RA9AP	673	116	234 204
2	UA9LAO	598	102	182 988
3	RW0AJ	531	101	160 893
4	RD9CX	442	83	110 058
5	RU9WZ	448	79	106 176
6	UD8A	285	90	76 950
7	RA9CCK	262	87	68 382
8	UA9XBJ	193	82	47 478
9	RBXX	147	53	23 373
10	RN9RF	132	52	20 592
11	R9QQ	115	51	17 595
12	RA0AY	81	47	11 421

**Place Callsign QSOs Multi Total Score**

13	UA9WOB	85	40	10 200
14	UA9MPW	67	41	8 241
15	UA0KBG	106	25	7 950
16	UA9FM	61	40	7 320
17	RU0A	100	23	6 900
18	RA0WU	95	22	6 270
19	R9XT	48	29	4 176
20	RA0LQ/MM	30	23	2 070
21	UA9FEG	23	20	1 380
22	UA0LSK	24	19	1 368
23	UA0LS	17	15	765

Operators: R8XX: Serge Vakhnin. RU0A: RU0AE.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	RJ9J	785	118	277 890
2	UA9CDC	559	111	186 147
3	RX9FB	397	85	101 235
4	UA9FGJ	279	97	81 189
5	R0AA	206	57	35 226
6	RA0QQ	68	30	6 120
7	R8MC	35	17	1 785
8	RA9AE	21	14	882
9	UA0OD	10	8	240

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	R9FR	129	69	26 703
2	RK0AB	181	47	25 521
3	RX9CJ	129	55	21 285
4	UB8QAA	96	29	8 352
5	R9XV	58	34	5 916
6	RV9AM	42	35	4 410
7	UA8CW	40	29	3 480
8	UA9JFH	24	20	1 440
9	RMOW	21	14	882

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	UI9I	404	112	135 744
2	RL9AA	409	82	100 614
3	R9DA	309	67	62 109
4	RK9DM	275	68	56 100
5	RV9LM	137	56	23 016
6	RA9JBA	107	54	17 334
7	RZ9OW	130	35	13 650
8	RA9AMD	97	34	9 894
9	RF9C	78	42	9 828

Operators: RF9C: RV9CBW. UI9I: RU9I.

**Multi operator**

Place	Callsign	QSOs	Multi	Total Score
1	RK9CYA	309	69	63 963
2	RK0SXR	19	15	855

Operators: RK0SXR: NIKITA TIMOKHIN, VITALY TIMOKHIN. RK9CYA: RK9CR, UA9CMP.

**UN - Kazakhstan****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UN7FW	58	20	3 480
2	UN7CH	39	22	2 574
3	UN6LN	8	7	168

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	UN9GD	842	114	287 964

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UN7EX	105	48	15 120

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	UN8PT	34	24	2 448

**UR - Ukraine****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UY5VA	764	117	268 164
2	UX4FC	703	109	229 881
3	UT7I	639	119	228 123
4	US5E	545	104	170 040

**Place Callsign QSOs Multi Total Score**

5	UW3WU	493	80	118 320
6	UT1IM	405	97	117 855
7	UW1WU	458	83	114 042
8	UR5MM	384	92	105 984
9	UR7MZ	346	101	104 838
10	UT3QU	325	94	91 650
11	UR4IZ	347	86	89 526
12	UT5IZ	313	87	81 693
13	UR5KED	373	61	68 259
14	UT8UL	265	80	63 600
15	UX1IB	240	76	54 720
16	UU0J	209	74	46 398
17	UR6LAF	229	62	42 594
18	UT8NU	233	61	42 456
19	US7JSE	262	50	39 300
20	UU7JD	229	56	38 472
21	UT7QB	168	73	36 792
22	UU1JE	167	60	30 060
23	UR5LJD	152	59	26 904
24	UY2ZZ	125	69	25 875
25	UR5EFL	158	52	24 648
26	UU4JDD	131	45	17 685
27	UY5ZI	133	24	9 576
28	UY3MW	71	35	7 455
29	UR7ZO	26	20	1 560
30	UY7IS	11	9	297

Operators: US5E: UR7EQ. UU0J: UU5JW.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	UW1M	831	119	296 667
2	UR5QA	427	97	124 257
3	UU1JO	26	18	1 404

Operators: UW1M: URSMW.

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	UT3EG	297	100	89 100
2	UR8QR	277	96	79 776
3	UX8IW	118	67	23 718
4	UU3JU	43	27	3 483
5	UT7MD	49	22	3 234

**Single operator, mixed, high power**

Place	Callsign	QSOs	Multi	Total Score
1	UT5ECZ	300	88	79 200
2	UX7CQ	113	23	7 797

**Single operator, mixed, QRP**

Place	Callsign	QSOs	Multi	Total Score
1	UT5DJ	128	44	16 896
2	UR5IRM	61	23	4 209
3	UU4JO	14	8	336

**SWL, single operator**

Place	Callsign	QSOs	Multi	Total Score
1	US-Q-73	316	94	61 664
2	US-F-007	102	34	9 656

**VE - Canada****Single operator, CW, low power**

Place	Callsign	QSOs	Multi	Total Score
1	VE1RGB	459	110	151 470
2	VE9AA	275	83	68 475
3	VE1RSM	156	68	31 824
4	VA3EC	150	68	30 600
5	VE3OM	138	66	27 324
6	VE3EK	90	48	12 960
7	VE2QV	47	37	5 217
8	VA3GUY	21	9	567
9	VA3FN	7	7	147

Operators: VE2QV: VE2FFE.

**Single operator, CW, high power**

Place	Callsign	QSOs	Multi	Total Score
1	VE1OP	743	109	242 961
2	VE3EY	43	22	2 772

**Single operator, mixed, low power**

Place	Callsign	QSOs	Multi	Total Score
1	VE1ZD	180	67	36 180
2	VO1B8N	103	65	20 085
3	VA2UTC	52	36	5 616
4	VE2KY	38	25	2 775

Single operator, mixed, high power				
Place	Callsign	QSOs	Multi	Total Score
1	VE9HF	170	72	36 720

Single operator, mixed, QRP				
Place	Callsign	QSOs	Multi	Total Score
1	VE1ZA	172	71	36 636

Multi operator				
Place	Callsign	QSOs	Multi	Total Score
1	VE9ML	613	113	207 807

Operators: VE9ML: VE9BK, VE9ML

SWL, single operator				
Place	Callsign	QSOs	Multi	Total Score
1	VO1-001-SWL	118	62	7 316

VK - Australia

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	VK4TT	73	31	6 789

Single operator, mixed, high power				
Place	Callsign	QSOs	Multi	Total Score
1	VK2PN	14	9	378

VU - India

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	VU2UR	42	19	2 394

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	VU3DQ	49	36	5 292

XE - Mexico

Single operator, mixed, high power				
Place	Callsign	QSOs	Multi	Total Score
1	XE2B	26	18	1 404

YB - Indonesia

Single operator, CW, high power				
Place	Callsign	QSOs	Multi	Total Score
1	YB3XM	89	50	13 350

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YB3IZK	27	20	1 620
2	YC1BTJ	23	12	828

Single operator, mixed, high power				
Place	Callsign	QSOs	Multi	Total Score
1	YC1LA	128	25	9 600
2	YB0COX	26	14	1 092

Single operator, mixed, QRP				
Place	Callsign	QSOs	Multi	Total Score
1	YC0NSI	16	9	432

YL - Latvia

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YL2CV	627	108	203 148
2	YL5M	617	104	192 504
3	YL2HK	281	66	55 638
4	YL1WT	243	47	34 263
5	YL2TD	157	59	27 789
6	YL3DX	44	20	2 640

Operators: YL1WT: YL2QS. YL5M: YL2UZ.

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YL2TB	569	101	172 407

Multi operator				
Place	Callsign	QSOs	Multi	Total Score
1	YL1XN	588	81	142 884

Operators: YL1XN: KRISTERS\_MISA RONALDS\_RASTORGUEVS.

YO - Romania

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YO9AGI	611	95	174 135
2	YO4SI	262	89	69 954
3	YO3FRI	142	51	21 726
4	YO4AB	130	42	16 380
5	YO4BEW	116	43	14 964
6	YO5OAG	76	28	6 384
7	YO6DBL	19	12	684

Single operator, CW, high power				
Place	Callsign	QSOs	Multi	Total Score
1	YR5T	315	79	74 655
2	YO8DOH	139	60	25 020

Operators: YR5T: YO5CBX.

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YO4US	206	61	37 698
2	YO9FLD	197	58	34 278
3	YO5PJF	139	60	25 020
4	YO2LXW	42	32	4 032
5	YO8RES	39	22	2 574
6	YO6PEG	19	13	741
7	YO9IGS	17	14	714

Single operator, mixed, high power				
Place	Callsign	QSOs	Multi	Total Score
1	YP9W	1 480	114	506 160
2	YO3CZW	473	98	139 062
3	YO5OED	330	80	79 200
4	YO5QAW	221	80	53 040

Operators: YP9W: YO9WF.

Single operator, mixed, QRP				
Place	Callsign	QSOs	Multi	Total Score
1	YO2LAN	281	75	63 225
2	YO4AAC	118	38	13 452
3	YO3FVR	47	18	2 538

Multi operator				
Place	Callsign	QSOs	Multi	Total Score
1	YR1C	1 257	121	456 291

Operators: YR1C: YO4NA, YO4NF, YO9GZU.

YU - Serbia

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YU1SV	430	67	86 430
2	YU5T	247	45	33 345
3	YT1FZ	185	57	31 635
4	YU1HFG	74	20	4 440

Operators: YU5T: YU1JU.

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	YT5M	515	58	89 610
2	YU7KW	266	62	49 476
3	YU5EQP	12	7	252

Z3 - Macedonia

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	Z35F	504	71	107 352
2	Z35G	313	61	57 279

ZL - New Zealand

Single operator, CW, high power				
Place	Callsign	QSOs	Multi	Total Score
1	ZM2B	211	58	36 714

Single operator, mixed, low power				
Place	Callsign	QSOs	Multi	Total Score
1	ZL2MM	30	21	1 890

ZS - South Africa

Single operator, CW, low power				
Place	Callsign	QSOs	Multi	Total Score
1	Z5SXT	31	19	1 767
2	Z56C	22	17	1 122

Checklogs

DC2DC, DF8TY, DH1MST, DJ2BC, DJ5NN, DL0GER, DL1AKP, DL1JHB, DL2HHW, DL5FU, DL5YMI, DL8MBS, DM5DX, DO2HRB, DG4W (DJ4MZ, DK4YJ, DL2MLU, DL6RAI, DG7RO), EA7HHV, EA8BEX, KC9TRT, LY9A, LZ25T, OQ4A (ON6ML), PH2M, PY4FO, R2SA, R3GM, RA9DZ, RT9T, RU7A, RU9YF, RV1AE, SMOQ (SM00GQ), SN50, SP2MKT, SQ1KSA, SQ5M, SV0XBN/9, UA0AAS, UA6GR, UA9LGD, XE1/DM3DL, YO3HA, YO4AST, YO9KPM (YO9HOW), YT1Q.

Disqualifications

None.

## Contestmanager



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## Worked All Germany (WAG) Contest rules

The Deutscher Amateur-Radio-Club (DARC) has the honor to invite amateurs all over the world to participate in the annual Worked All Germany Contest.

### 1. Contest periods:

October, third full weekend,  
1500 UTC Saturday to 1459 UTC Sunday

**2012:** 20./21. October 2013: 19./20. October

### 2. Modes and bands:

SSB, CW: 3,5 - 7 - 14 - 21 - 28 MHz

According to [JARU recommendations](#) operation should be avoided outside contest-preferred segments. To reduce interference with the participants of JOTA contest operation is **not allowed** in the following contest-free sections:

80m: CW - 3560 - 3800 kHz, SSB – 3650 – 3700 kHz  
40m: CW - 7040 - 7200 kHz, SSB – 7080 – 7140 kHz  
20m: CW - 14060 - 14350 kHz, SSB – 14100 – 14125 kHz and 14280 – 14350 kHz  
15m: SSB – 21350 – 21450 kHz  
10m: SSB – 28225 – 28400 kHz

### 3. Categories:

- Single operator, CW, low power
- Single operator, CW, high power
- Single operator, mixed, low power
- Single operator, mixed, high power
- Single operator, mixed, QRP
- Multi operator
- SWL, single operator

Output power: QRP = up to 5 watts, low power = up to 100 watts, high power = more than 100 watts

For Multi operator Band changes are allowed every ten minutes; Exception: working of new multiplier (other transmitters may be used in parallel to the main station to work multipliers on other bands, this means, several signals may be on the air on different bands at the same time).

Notes:

- Transmitters, receivers and antennas used in the contest must be located within a 2 km diameter circle
- DX cluster support is allowed for all categories
- Only one signal permitted at any time (exception: multi operator for working new multipliers)

### 4. Exchange:

A contest QSO can only be established between non-German and German stations

and also between German stations. Non-German stations give the usual RS/RST + serial number. German stations give RS/RST + DOK (local area code).

Single operator participants from Germany (inhabitants and visitors, irrespective of the used callsign), who are not member of the DARC will send "NM" (non member) and will be no multiplier. A station may be worked once per band per mode.

### 5. Multipliers:

The multiplier for Non-German stations is determined by the number of German districts worked on each band regardless of mode. The German district is indicated by the first letter of the DOK. From special DOKs (two or more letter/figure or figure/letter combinations) only the first letter counts. Thus a maximum of 26 multipliers per band is possible (letters A ...Z). German stations use the current DXCC-entity-/WAE-country-list. Each entity/country counts one multiplier per band regardless of mode.

### 6. Scoring:

Each complete exchange counts 3 points for non-German stations. German stations get one point for QSO with an other German station, 3 points for an European station and 5 points for a DX-station. The final score is computed by multiplying the total number of QSO points by the sum of multipliers from all bands.

### 7. Contest Awards:

The 3 highscorers from Germany, irrespective of category, whose first licensing date is no older than 3 years will be awarded with a "Cup". Certificates will be awarded to every participant as PDF-file for self-printing.

### 8. Disqualification:

Violation of the rules of the contest, or unsportsmanlike conduct, or taking credit for excessive duplicate contacts will be deemed sufficient cause for disqualification.

### 9. Logs:

The log-file is to be submitted in the DARC-STF or in the Cabrillo format by E-Mail to the following address: [wag@dxhf.darc.de](mailto:wag@dxhf.darc.de). Be sure to put only the station callsign in the subject line of the message. The receipt of the log will be automatically confirmed by an email with a message of possible errors in the log and the password for the access to your UBN-file.

The logs will be part of the DCL (DARC Contest Logbook).

By submitting the log, the participant claims to fully accept the rules of the contest.

### 10. Special regulations for SWLs:

All SWLs get one point (SSB) or three points (CW) for logging each new German station with the sent RS/RST + DOK and the call of the station working with the German station. The multiplier is determined by the sum of German districts (first letter of DOK - see point 5) heard on each band. Each German station may be counted once in SSB and once in CW on each band.

### 11. Deadline for log entries:

Log deadline is always **two weeks** or, more specific, the third Monday after the end of the contest.

**2011:** October 31st, 2012: November 5th

### 12. Addresses:

for logs: [wag@dxhf.darc.de](mailto:wag@dxhf.darc.de)  
for questions: [wag-info@dxhf.darc.de](mailto:wag-info@dxhf.darc.de)

## DARC Contest Logbook INFO

Welcome to the **New DCL**! With more than 17 millions checked QSLs we offer an easy and comfortable way to apply the top level German awards, e.g. WAE or DLD. We hope to find some new ideas and non-critical bugs during the on-going test period. Thank you for your help. The new DCL is focusing more on the application side than on the database side. Therefore we implement a number of new attractive features:

- **DLD:** The DLD, the so called "German County Award" can be applied with assistance of DCL
- **WAC:** The WAC is now available via DARC and can be applied with DCL (with focus on DARC Members)
- **Free Awards:** For some awards we test a process for free of charge PDF self-printing.
- **Traditional QLSs:** The manual insertion of QSO/QSL data is possible. Data will be checked later by an award manager using the physical QSL card. A checked QSL is also valid for other awards.
- We improve the detection of German DOK and DXCC Entity.
- The DCL can be used for marketing of other DARC awards.
- First DARC District awards can be applied with assistance of the DCL.
- With the help of Dave, N5UP, we now test the import of eQSL data into DCL.

### Join the DARC Contest Logbook!

DCL-Manager: Michael Höding, DL6MHW, Ginsterweg 51, 39326 Wolmirstedt, Germany