



**RESULTS 1999  
RULES 2000**

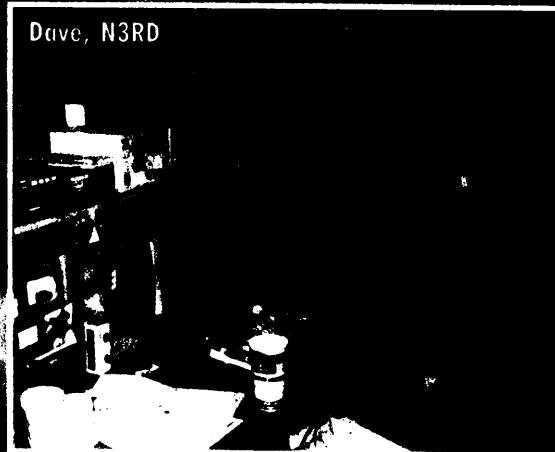
**WAEDC  
EUROPEAN DX-CONTEST**

**WAG  
WORKED ALL GERMANY CONTEST**

Stefan, DL1IA0



Dave, N3RD



Cover Photo: Sig, N3RS, operating at the N3RS North America Top Multi Operator Station SSB '99.  
Stefan, DL1IA0, and Dave, N3RD, completed the crew

**DARC Referat für DX und HF-Funksport**

**compiled by DL2DN**





# EUROPEAN DX CONTEST

NEW: minimum operation time 10 min on a given band

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

The Deutscher Amateur-Radio-Club (DARC) has the honour to invite amateurs all over the world to participate in the annual European DX-Contest

## 1. Contest periods:

CW: August, second weekend  
 2000: 12/13 August, 0000 UTC Saturday to 2359 UTC Sunday  
 2001: 11/12 August, 0000 UTC Saturday to 2359 UTC Sunday  
 SSB: September, second weekend  
 2000: 9/10 September, 0000 UTC Saturday to 2359 UTC Sunday  
 2001: 8/9 September, 0000 UTC Saturday to 2359 UTC Sunday  
 RTTY: November, second weekend  
 2000: 11/12 November 0000 UTC Saturday to 2359 UTC Sunday  
 2001: 10/11 November 0000 UTC Saturday to 2359 UTC Sunday

## 2. Bands: 3,5 -7 -14 -21 -28 MHz

(only one signal may be on the air at any given time. You may not work QTCs on other bands parallel to QSO traffic on a given band.)

The minimum time of operation on a band is 10 minutes. A quick band change in order to work a new multiplier is allowed. According to IARU region 1 regulations contest operation is not allowed on the following contest free sections:

CW: 3550-3800; 14060-14350 kHz  
 SSB: 3650-3700; 14100-14125; 14300-14350 kHz

## 3. Classifications:

Note: DX cluster support is allowed for all classifications.

- a) Single operator - all bands
- b) Multi operator - single transmitter.
- c) SWL see special regulations (rule 13)

NEW: Stations using 100 watts or less are shown with a \* in the results.

**4. Rest periods:** Out of the 48 hour contest period only 36 hour of operation are permitted for single operator stations. The 12 hours of non-operation may be taken in one but not more than three periods at any time during the contest. They must be clearly noted on the summary sheet.

**5. Exchange:** A contest QSO can only be established between a non-European and an European station (except in RTTY). Exchange the usual five or six digit RS/RST plus a progressive QSO number starting with 001. A station may only be worked once per band.

**6. Multipliers:** - The multiplier for non-European stations is determined by the number of European countries worked on each band (see WAE-country-list). - European stations use the current DXCC-entity-list. Each non-European entity counts one multiplier unit per band.

### Multiplier bonus:

The multiplier on 3,5 MHz may be multiplied by four.  
 The multiplier on 7 MHz may be multiplied by three.  
 The multiplier on 14/21/28 MHz may be multiplied by two.

**7. QTC-traffic:** Additional point credit can be achieved by reporting a QTC, i.e. data of a QSO between a non-European and an European station made earlier in the contest back to an European station. After working a number of European stations these QTCs can be reported back during a QSO with another European station. A QTC can only be sent from a non-European to an European Station (for RTTY see rule 14).

- a) A QTC contains the time, call sign, and QSO number of the station being reported. QTC: 1307/DA1AA/431 means you worked DA1AA at 1307 UTC and received his serial number 431.
- b) A QSO may be reported only once and not back to the originating station.
- c) A maximum of 10 QTCs can be sent to the same station, which can be worked several times to complete this quota. Only the original contact, however, has QSO point value.
- d) Keep a uniform list of QTCs sent. QTC 3/7 indicates that this is the 3rd series and that 7 QSOs are now being sent.
- e) European stations may record the QTCs received on a separate sheet with a clear indication of their sender including the band where the QTCs were received. DX stations must indicate the band where the QTCs were transmitted.
- f) Paperlogs only: If more than 100 QTCs are claimed a QTC checklist must show that the maximum quota of 10 QTCs per station is not exceeded.

**8. Scoring:** The final score is computed by multiplying the sum of the total number of QSOs and QTCs by the sum of multipliers from all bands (cf. rule 6).

**9. Contest awards:** Certificates will be awarded to the highest scorer of the different classifications in each country, a reasonable score provided. Continental leaders will receive a plaque. Each participant with at least half the score of the continental leader will receive a certificate.

**10. Disqualification:** Violation of the rules of the contest or unsportsmanship conduct or taking credit for excessive duplicate contacts will be deemed cause for disqualification. Each QSO/QTC which cannot be verified will result in a penalty of 3 QSO/QTC points.

**11. Logs: Stations using computer logging programs are expected to send their logs on a disk or via e-mail! NEW:** All stations claiming more than 100.000 prints must submit a computer readable log for QSOs and QTCs! Please use YOUR CALL\*\*\* as file names. Example: DAOZZZ.sum, DAOZZZ.all, DAOZZZ.qtc.

An official summary sheet with a signed contest participation declaration is required with all entries. Please make sure that UTC is used. USA stations: Do not forget to list your call as/if in another call area than indicated by your call. Example: W1AA/7.

Logs via e-mail to [waedc@darc.de](mailto:waedc@darc.de): Please check the DARC homepage <http://www.darc.de/referate/dx> for contest logging details! Only three files are needed:

- 1. A plain-text ASCII summary sheet MUST be included.
- 2. Your QSO-log (plain-text ASCII please). No band logs please, just the log which contains your contest operation following the serial numbers in normal order (example: if you used CT, send the .all file).
- 3. Your QTC-log is needed if QTCs are claimed for point credit. (plain-text ASCII).

### Please check your files carefully before mailing!

**Logs on disk:** One entry per diskette. Your floppy disk must be IBM-compatible, MS-DOS formatted, 3,5- or 5,25-inch (40- or 80-track). The files required are the same as described under „Logs via e-mail“. Please see there.

**Paper-logs:** To ease checking participants are expected to arrange their logs according to the official WAEDC log form. All band changes have to be clearly indicated. The log must be accompanied by a summary sheet, and check sheets for QTCs and multipliers. Duplicate contacts have to be clearly marked in the log. If more than 100 stations have been worked on a Band a separate check sheet for duplicate contacts is obligatory. Sample log and summary forms are available from the address below. Please send your address label and sufficient postage (2 US-\$ or equivalent). Please note: Logs violating these rules can be regarded as check logs.

**12. DX Club competition:** The club must be a local group, not a national organization. Participation is limited to members operating in a geographic area of 500 km diameter. To be listed, a minimum of 3 logs or 10 000 points must be received from a club. The club membership has to be clearly marked in the log. The results of all parts of the WAEDC will be added to get the clubs score. A special contest trophy will be presented to the winning club from Europe and non-Europe.

**13. Special regulations for SWLs:** SWLs log stations working in the WAEDC. Participation is only possible in the single operator / all band class. The same call sign - European or non-European - may only be counted once per band. The log must contain both call sign and at least one of the control numbers. Each station logged counts 1 point, each complete QTC (max. 10 per station) 1 point. Multipliers are determined by the DXCC-entity- and WAE-country-lists (rule 6). Note: It is possible to claim up to 2 multipliers in one logged contact.

**14. Special regulations for RTTY:** In the RTTY-section of the WAEDC there are no continental limitations - everybody works everybody. QTC-traffic, however, is not allowed within one's own continent. Each DXCC-entity/WAE-country counts as a multiplier. Each station may send and receive QTCs. The sum of QTCs exchanged between two stations (sent plus received) must not exceed 10.

**15. Deadline for log entries:** CW: September 15 th  
 SSB: October 15 th  
 RTTY: December 15 th

### Criteria for awarding of certificates and trophies in the WAEDC

Minimum requirements for a certificate or a trophy are 100 QSOs or 10 000 points, in addition at least one of the following conditions must be fulfilled:

#### 1. Certificates

- a) Top score in a country; b) Top score in each W/VE/JA call district; c) Member of the top-ten/top-six (multi operator) lists; d) Continental winners; e) At least half the score of the respective continental winner; f) At least 100.000 points

#### 2. Trophies

- a) Stations activating a rare WAE- or DXCC country for a WAEDC contest weekend may receive a plaque. b) Stations who have been in the top-ten/top-six list for at least five times can apply for a special plaque. c) The WAEDC Committee reserves the right to honour outstanding achievements in the contest by additional plaques.

**WAE-country-list:** C3 - CTI - CU - DL - EA - EA6 - EI - ER - ES - EU - F - G - GD - GI - GJ - GM - GM-Shet - GU - GW - HA - HB - HBO - HV - I - IS - IT - JW-Bear - JW-Spitz - JX - LA - LX - LY - LZ - OE - OH - OHO - OJO - OK - OM - ON - OY - OZ - PA - R1 / FJL - R1 / MVI - RA - RA2 - S5 - SM - SP - SV - SV5-Rh - SV9-Cr - SV-Mt.Ath. - T7 - T9 - TA1 - TF - TK - UR - YL - YO - YU - Z3 - ZA - ZB2 - 1AO - 3A - 4U Gen - 4U Vie - 9A - 9H

### Mailing Address:

WAEDC Contest Committee  
 Dürerring 7  
 D-74372 Sersheim/GERMANY  
 e-mail: [waedc@darc.de](mailto:waedc@darc.de)



# 45th European DX Contest (WAEDC) CW 1999

Herbert Ade-Thurow, DL2DN

WAEDC Contest Committee: DF2UQ, DF4ZL, DF9LB, DJ8ET, DL2DN, DL2HBX, DL3DXX, DL3KDV, DL3TD, DL6MHW, DL8WAA

## Continental Winners

Single Operator Category	
Africa	ZS6Z
Asia	C4A
Europe	S50A
North America	VE3EJ
South America	PY2YU
Oceania	VK2APK
Special Plaque	DL7ON

Multi Operator Single Tx Category	
Africa	no entry
Asia	JY9QJ
Europe	RUIA
North America	N3RD
South America	LU4DD
Oceania	9M6AAC

SWL Category	
Asia	UA9ACJ
Europe	LYR-794

Special Plaque Contest Expeditions	
Non-Europe	9M6AAC

## Results

Number groups behind callsign denote DOK (Germany only), score, QSOs, QTCs and multipliers.

### Single Operator Europe

Croatia					
9A5W	643860	1179	1026	292	
9A7P	272646	414	963	198	
9A5I	56070	240	205	126	
9A3CY	54900	193	257	122	
9A3ZG	5600	86	14	56	
9A3ZO	640	20	0	32	

Germany					
DL1IAO	A49	994896	1038	1608	376
DJ7AA	W13	879405	943	1606	345
DL3TD	X34	859155	1001	1254	381
DL7ON	D04	690478	849	1357	313
DL5AWI	X11	400062	675	1119	223
DJ9DZ		364640	718	1002	212
DJ9MH	B10	344250	488	889	250
DJ9MT	M11	331320	566	754	251
DL8QS	I45	281520	404	700	255
DK3LT	E11	242950	403	727	215
DL8WX	K24	223648	341	587	241
DJ7MG	Z28	208839	435	604	201
DL5YM		183897	445	528	189
DJ2HW	M34	174240	422	667	160
DL2MDU	C06	152790	384	542	165
DM3XRF	Q01	152256	402	391	192
DL8UCC	Y24	142346	349	342	206
DL1CW	P51	126015	302	511	155
DL3DTH	S07	119718	308	431	162
DL7VZF	Y28	117900	307	348	180
DL8UAT/P	Y31	115940	305	315	187
DM5IG	W11	111215	250	517	145
DK1II		106970	260	303	190
DK4WW	Y24	100800	315	245	180
DF2UQ	A36	100147	309	422	137
DL1SAN		97704	249	459	138
DL4FDM	F02	97071	213	528	131
DL1NEO	B05	85315	240	325	151
DK5OS	R06	79460	222	463	116
DL1ARJ	X28	78518	287	186	166
DJ6TK	E34	77490	206	409	126
DL4AAE	P51	77385	212	525	105
DK3BN	H15	74649	211	290	149
DK7YY	D26	69426	406	0	171
DL3ZAI	F58	62266	315	67	163
DL2ZAV	F06	58404	212	160	157
DK3DM		52338	202	591	66
DK2BU	I50	52118	201	305	103
DL5JAN		48510	178	284	105
DK7FP	L05	42788	196	367	76
DL9XY/P	L11	41021	228	95	127
DL5NA	P05	40176	324	0	124
DL5SVB	V18	39184	316	0	124
DL1EV	R04	30156	163	196	84
DL5DAV	O32	28120	134	236	76

## Top Scores

Call	score	QSOs					QTCs	multipliers						
		80	40	20	15	10		all	80	40	20	15	10	all
<b>Top Ten Single Operator Europe</b>														
S50A	1049451	61	181	378	352	59	1031	1738	100	81	68	78	52	379
DL1IAO	994896	49	135	459	297	98	1038	1608	72	78	78	90	58	376
LY1DS	922952	38	130	412	304	33	917	1766	68	84	74	76	42	344
LY2BTA	894948	36	154	415	266	61	932	1856	56	87	66	68	44	321
DJ7AA	879405	47	162	453	250	31	943	1606	88	87	68	68	34	345
LY5A	872702	25	102	521	301	30	979	1698	68	72	66	76	44	326
DL3TD	859155	51	157	384	348	61	1001	1254	88	81	82	72	58	381
YL8M	729968	34	74	367	288	54	817	1305	68	78	78	80	40	344
IR2W	707370	23	149	432	348	80	1032	1450	52	75	60	54	44	285
DL7ON	690478	68	133	361	257	30	849	1357	84	69	62	64	34	313
<b>Non-Europe</b>														
C4A	2193004	288	377	672	601	230	2168	2166	152	120	84	82	68	506
ZS6Z	1594184	64	202	395	628	689	1978	1968	80	90	68	82	84	404
VE3EJ	1529743	91	294	559	694	76	1714	1693	92	123	94	88	52	449
4X/OL7D	1513344	209	333	503	552	97	1694	1684	132	114	78	76	48	448
UP0L	1480050	243	350	528	475	143	1739	1550	136	108	78	76	52	450
WP2Z	1370964	36	208	504	642	357	1747	1689	60	99	84	82	74	399
AT0VLH	1265505	33	184	508	789	334	1848	1737	44	57	72	82	68	353
UA9CDC	1196543	173	322	374	471	24	1361	1340	140	117	82	72	32	443
JH5FXP	1096554	29	225	577	576	127	1534	1529	52	96	82	74	54	358
UP4L	1059850	182	284	423	383	31	1303	1282	120	108	84	74	24	410
<b>Top Six Multi Operator Europe</b>														
RU1A	1341420	38	204	471	422	64	1199	2197	84	99	80	88	44	395
DL2NBU	1313264	34	161	512	412	81	1200	2176	72	81	84	90	62	389
RW2F	1271160	53	132	535	443	69	1232	1978	88	90	78	86	54	396
UU5J	1048524	41	116	356	337	57	907	1761	80	87	90	84	52	393
UU7J	1030022	62	85	482	349	49	1027	1467	96	81	82	98	56	413
DF3CB	896752	29	150	503	353	62	1097	1637	56	72	70	84	46	328
<b>Non-Europe</b>														
JY9QJ	2446510	286	483	680	744	234	2427	2408	148	126	82	84	66	506
RK9CWA	2048280	302	458	623	596	54	2033	2023	156	123	84	84	38	505
RF9C	1855610	268	395	596	592	67	1918	1908	144	120	82	82	57	485
N3RD	1685061	53	353	658	713	136	1913	1908	76	129	90	86	60	441
RI9C	1592352	204	392	568	515	67	1746	1746	136	120	82	78	40	456
UN4L	1570770	200	388	434	590	113	1725	1653	136	117	84	86	42	465
<b>Top SWL Europe</b>														
LYR-794	1413195	177	245	496	381	59	1358	833	188	147	124	132	54	645
<b>Non-Europe</b>														
UA9ACJ	41800	26	31	80	53	0	190	0	48	60	56	56	0	220
<b>England</b>														
G5G	309320	580	1092	185										
G0JQN	82800	320	255	144										
G3TXF	70784	120	433	128										
G3RSD	44863	223	154	119										
G4OGB	9744	116	0	84										
G3ZRJ	9594	117	0	82										
G0MTN	2880	64	0	45										
<b>Wales</b>														
GW3NJW	81993	263	280	151										
<b>Hungary</b>														
HA6NL	404124	526	1172	238										
HA1CW	277245	395	1120	183										
HA3OU	20880	99	249	60										
<b>Liechtenstein</b>														
HB0/DJ9CB	65424	329	235	116										
<b>Switzerland</b>														
HB9AYZ	45396	200	188	117										
HB9ARF	16376	171	7	92										
HB9HQX	11956	122	0	98										
HB9RE	6765	123	0	55										
<b>Italy</b>														
IR2W	707370	1032	1450	285										
(op. I2VXJ)														
I3FDZ	246530	480	905	178										
IK2UCK	10136	181	0	56										
I2WJ	10106	68	95	62										
<b>Sardinia</b>														
IS0UWX	6825	195	0	35										
<b>Baleares Islands</b>														
EA6ZS	864	48	0	18										
<b>Eire</b>														
EI/K300	7436	169	0	44										
<b>Moldava Republic</b>														
ER1LW	86424	237	317	156										
<b>Estonia</b>														
ES4MM	41978	278	0	151										
ES75L	18178	149	0	122										
<b>Bylorussia</b>														
EW8DX	13032	181	0	72										
EU6AA	5885	97	10	55										
<b>France</b>														
F6IFY	253824	429	893	192										
F6BEE	62484	285	223	123										
F5YJ	32544	173	115	113										

<b>Sicily Island</b>					PA3CAL	3600	90	0	40	UT5UGR	23569	124	135	91	JK2VOC	594	17	10	22
IT9ORA	24	4	0	6	PA3FZZ	490	35	0	14	UR6IGG	18249	122	115	77	JR2TRC	54	9	0	6
<b>Norway</b>					<b>Slovenia</b>					UX5UO	10989	111	0	99	JH3AIU	829552	1505	1479	278
LA7MFA	273768	538	926	187	S50A	1049451	1031	1738	379	UX5VK	7248	151	0	48	JG3VEI	368461	807	802	229
LA2HFA	27500	229	46	100	S53R	681156	808	1334	318	UT5UGQ	6050	48	73	50	JK3GWT	215260	576	569	188
LA9HFA	12408	81	183	47	S55A	406374	632	890	267	UR5FCM	4847	46	85	37	JF3GKE	174564	564	555	156
<b>Lithuania</b>					S55A	267710	680	729	190	UU2JQ	2166	25	32	38	JJ3TBB	19899	117	84	99
LY1DS	922952	917	1766	344	S51WA	39274	269	0	146	UY5YA	1860	62	0	30	JA3ARM	18705	110	105	87
LY2BTA	894948	932	1856	321	S51MF	36624	218	0	168	US8IBS	1054	31	0	34	JH3JVS	6800	86	84	40
LY5A	872702	979	1698	326	S58MU	35867	161	242	89	UR9MM	600	24	0	25	JR3BVX	1428	23	19	34
LY3BA	674475	737	1908	255	S53AU	22253	187	0	119	UR3QCW	144	9	0	16	JA3HPD	572	14	12	22
LY5W	599400	678	1542	270	S57IO	6210	115	0	54	<b>Latvia</b>					JH4ADK	244412	711	710	172
(op. LY1DR)					S57NL	5170	94	0	55	<b>YLBM</b>	729968	817	1305	344	JR4GPA	131740	476	465	140
LY2CY	456456	705	1271	231	<b>Sweden</b>					<b>YL2UZ</b>	55062	322	0	171	JH4NMT	95192	326	326	146
LY2KM	201060	423	694	180	SM7BJW	16008	174	0	92	<b>YL3FW</b>	21909	133	194	67	JJ4PPK	1520	38	0	40
LY2DX	107604	244	488	147	SM5AOG	11484	132	0	87	<b>Romania</b>					JH5FXP	1096554	1534	1529	358
LY1DD	84000	282	593	96	SM7EH	6554	105	8	58	<b>YO3APJ</b>	189772	411	497	209	JA5APU	165280	520	513	160
LY2OX	67165	240	425	101	<b>Poland</b>					<b>YO8KOS</b>	183534	313	773	169	JA6UBK	195636	480	479	204
LY2FN	60606	190	328	117	SP7GIQ	615930	1039	1475	245	<b>(op. YO8AXP)</b>					JA6SRB	10268	76	75	68
LY2BBF	13992	159	0	88	SP9XCN	418835	578	1407	211	<b>YO4NF</b>	171518	898	0	191	JA6QDU	98	7	0	14
LY2PBM	10098	144	9	66	SP5CJQ	176960	469	651	158	<b>YO6BHN</b>	166752	324	540	193	JA7XBG	290472	865	864	168
<b>Bulgaria</b>					SQ3DWR	144232	262	706	149	<b>YO2DF</b>	148056	304	492	186	JA7IC	183296	518	506	179
LZ2PL	347874	585	982	222	SP3LPR	137120	283	574	160	<b>YO5OEF</b>	38295	333	0	115	JA7ARW	3914	53	50	38
LZ3YY	296631	455	978	207	SP3FYM	113526	256	486	153	<b>YO2ARV</b>	20705	205	0	101	JA9CWX	285800	715	714	200
LZ2DL	58242	213	358	102	SN9W	106430	376	358	145	<b>YO2QY</b>	15625	125	0	125	JA0QWO	269376	737	727	184
LZ3AB	53406	187	227	129	(op. SP9HWN)					<b>YO2BZ</b>	7571	113	0	67	JR0BQD	2640	34	32	40
LZ2NB	25056	216	0	116	SP5GH	73491	106	287	187	<b>YO8MI</b>	1972	58	0	34	<b>U.S. Virgin Island</b>				
LZ3W	15975	110	103	75	SP5UAF	55308	270	149	132	<b>Yugoslavia</b>					<b>WP2Z</b>	1370964	1747	1689	399
LZ1IQ	12558	138	0	91	SP6LV	28080	270	0	104	<b>YU7KW</b>	142560	381	411	180	(op. KD4D)				
LZ4AX	10950	150	0	73	SO1FF	18942	108	179	66	<b>YU7AM</b>	116721	324	567	131	<b>Puerto Rico</b>				
LZ2FM	9536	139	10	64	SP8FHJ	17340	139	65	85	<b>YU7KM</b>	56672	303	49	161	<b>WP4LNY</b>	1271	31	0	41
LZ2VP	3082	57	10	46	SP2BLC	13040	163	0	80	<b>YU1BO</b>	39072	170	237	96	<b>Argentina</b>				
LZ2MP	1960	49	0	40	SP4GFG	12956	158	0	82	<b>YU1AAV</b>	35239	269	0	131	<b>LU1EWL</b>	220455	543	522	207
LZ3SM	1568	33	23	28	SP8BAB	11924	271	0	44	(op. YU1SB)					<b>LU1FNH</b>	144305	472	459	155
LZ1FJ	936	36	0	26	SP9NSV	8673	87	60	59	<b>YU7SF</b>	19285	173	30	95	<b>Brazil</b>				
LZ1MC	768	44	52	8	SP5MBA	7521	89	20	69	<b>Macedonia</b>					<b>PY2YU</b>	241570	513	502	238
LZ1BJ	440	22	0	20	SQ4GXO (QRP)	6630	63	132	34	<b>Z31GX</b>	149260	487	391	170	<b>PY2NY</b>	208236	469	469	222
LZ5QZ	64	8	0	8	SP6BEN	2640	60	0	44	<b>Z32AF</b>	34510	238	0	145	<b>PY1KS</b>	196560	546	546	180
<b>Austria</b>					SP9EMI	2100	70	0	30	<b>Z31CN</b>	16448	218	39	64	<b>PV8DX</b>	162726	733	0	222
OE1TKW	2516	44	30	34	SP4TBM	912	24	0	38	<b>Z32KV</b>	672	28	0	24	<b>PX4C</b>	56180	272	258	106
<b>Finland</b>					<b>Greece</b>					<b>Cyprus</b>					<b>ZW2Z</b>	39672	174	174	114
OH6RC	33360	181	59	139	SV1BSX	32078	182	191	86	<b>C4A</b>	2193004	2168	2166	506	<b>PT2AW</b>	33600	240	240	70
OH1MM	13650	132	50	75	<b>Bosnia</b>					<b>(op. 9A3A)</b>					<b>PY2ABU</b>	23520	141	139	84
OH1BOI	6678	106	0	63	T94FN	77616	403	185	132	<b>Nigeria</b>					<b>(op. PY2YU)</b>				
OH2DE	2520	60	0	42	T9/DK3JU (QRP)	35208	111	215	108	<b>5N3CPR</b>	232656	548	500	222	<b>PY7OJ</b>	22363	105	104	107
<b>Aland Islands</b>					<b>Iceland</b>					<b>Malaysia</b>					<b>PY7IQ</b>	14520	83	82	88
OH0/DJ7ST	71148	241	221	154	TF/DL7ALM	893	47	0	19	<b>9M2JI</b>	4242	71	30	42	<b>PY2AER</b>	10396	113	0	92
<b>Czech Republic</b>					<b>European Russia</b>					<b>9M2TO</b>	624	26	0	24	<b>PY4FQ</b>	6336	72	0	88
OL5Y	661925	753	1322	319	RA6CM	495636	773	831	309	<b>Singapore</b>					<b>PY1BLL</b>	5312	46	37	64
OK2FD	595660	726	1328	290	UA3TU	355556	523	1203	206	<b>9V1XE</b>	82460	339	326	124	<b>PY7YL</b>	1760	32	0	55
OL8M	530700	828	1347	244	RA3AJ	319325	535	790	241	<b>China</b>					<b>PY2DBU</b>	1680	40	0	42
OL4S	391243	739	898	239	RZ3AZ	307395	466	799	243	<b>BY1DX</b>	720576	1262	1240	288	<b>Egypt</b>				
OL4M	209622	422	705	186	RA1ACJ	267264	604	932	174	<b>(op. OH2PM)</b>					<b>SU9ZZ</b>	1011150	1575	1575	321
OK1HX	170107	429	850	133	RA3GU	183084	341	913	146	<b>Canary Islands</b>					<b>Mali</b>				
OK1XC	127641	311	502	157	UA4LU	159216	335	521	186	<b>EA8DY</b>	153504	370	368	208	<b>TZ6DX</b>	82492	514	492	82
OK2QX	124605	254	669	135	UA6LTI	141000	255	873	125	<b>Panama</b>					<b>Asiatic Russia</b>				
OK1JOC	112200	267	668	120	RA3UAG	115984	323	336	176	<b>HP1AC</b>	48048	210	154	132	<b>UA9CDC</b>	1196543	1361	1340	443
OK1FCA	65868	310	189	132	RV1CC	104340	261	479	141	<b>Japan</b>					<b>RW9SW</b>	1028340	1305	1305	394
OK1MNV	61732	260	246	122	UA1AQF	87615	267	382	135	<b>JG1ILF</b>	614726	1191	1120	266	<b>UA4WA/9</b>	1001455	1252	1233	403
OK2ABU	53992	265	132	136	UA4WAN	80848	187	465	124	<b>JR4PMX/1</b>	454285	943	942	241	<b>UA9CBO</b>	849008	1129	1129	376
OK2SGY	40524	307	0	132	RA3XO	48516	282	29	156	<b>JA1JK</b>	434568	1001	905	228	<b>RX9FB</b>	790020	1015	980	396
OK1KZ	13776	164	0	84	RU3FF	46600	167	299	100	<b>JA1JQC</b>	172364	526	525	164	<b>UA9XS</b>	708124	1000	978	358
OK1AOU	10530	130	0	81	RA3XA	30080	113	357	64	<b>JH1AZO</b>	160259	447	410	187	<b>RV9WB</b>	661386	911	911	363
OK2SWD	9072	106	20	72	RK1NA	27480	229	0	120	<b>JP1SRG</b>	10488	73	65	76	<b>RA9AE</b>	369056	607	607	304
OK2EC	9016	72	89	56	UA1TAN	14496	151	0	96	<b>JA1AB</b>	5538	71	0	78	<b>UA9APA</b>	339602	613	613	277
OK6L	5830	100	10	53	UA1ANA	13818	141	0	98	<b>JA0BMS/1</b>	2528	41	38						

<b>Canada</b>				
K1ZZ/VY2	162324	501	501	162
VE2AWR	118296	318	318	186
VE2FFE	5880	53	52	56
VE3EJ	1529743	1714	1693	449
<b>(op. UT4UZ)</b>				
VE3RZ	114560	320	320	179
VE3ZT	6566	55	43	67
VE4YU	27456	134	130	104
VE5CPU	27234	135	132	102
VE5MX	8978	69	65	67
VE9DX	238590	500	490	241

<b>Australia</b>				
VK2APK	456479	808	805	283
VK4TT	9240	116	115	40
VK8AV	3150	38	37	42

<b>Hongkong</b>				
VR2BG	191496	404	404	237

<b>India</b>				
AT0VLH	1265505	1848	1737	353

<b>United States of America</b>				
W1MK	265408	832	0	319
KR1G	193104	454	440	216
AA1SU	155250	376	374	207
KQ2M/1	105431	297	292	179
W1MA	84836	336	332	127
N4CW/1	66066	219	210	154
KC1F	26728	167	90	104
WR1P	13685	84	77	85
AB1BX	9207	99	0	93
W1CSM	6580	72	68	47
W2YC	376148	704	684	271
WK2G	349392	757	749	232
K2SX	220500	526	524	210
W2EN	210152	483	481	218
W2YR	118450	258	257	230
W2OX	101430	315	315	161
W2EZ	39600	180	180	110
K2UA	35360	172	168	104
W2TO	11130	80	79	70
AA3B	941924	1317	1285	362
K9GY/3	856260	1279	1277	335
K3WW	682730	1028	1010	335
N3BNA	468754	825	814	286
KQ3F	329130	716	715	230
W3BGN	262372	490	489	268
KB3MM	44330	155	155	143
KB3TS/QRP	42612	161	157	134
K3WPP/QRP	10578	123	0	86
W3FQE	2288	44	8	44
W4MYA	1014468	1404	1383	364
N4BP	628055	1067	1062	295
N8LM/4	164775	490	485	169
WA4TT	101192	278	278	182
WC4E	87500	250	250	175
WO4O	73670	265	265	139
K0EJ/4	65860	226	219	148
KN4Y	16400	108	97	80
K4IU	7808	65	57	64
W4NTI	7548	102	0	74
K5VG/4	3596	32	30	58
N4MM1	528	22	0	24
K5YAA	263120	633	632	208
WD5K	157872	572	572	138
N5ZK	146718	521	505	143
K5KLA	73720	246	239	152
N6ZZ/5	73128	284	270	132
W5NR	40	5	0	8
AD6DO	574040	1130	1130	254
W6EEN	540345	1060	1059	255

<b>(op. N6RT)</b>				
W6NKR	34450	165	160	106
W6FA	27612	234	0	118
N6JM	23520	124	121	96
K16T	22962	134	133	86
K6DB	15312	118	114	66
K4XU/7	54366	269	264	102
W7YS	52140	200	195	132
W7GB	9600	80	80	60
W7JR1NKN	8	2	0	4
AA8U	617880	1084	1084	285
KE8M	229596	504	503	228
WZ8A	143100	479	475	150
K8CV	11628	77	76	76
W9/DJ3KR	403636	896	890	226
K9QVB	251532	622	611	204
W9RE	174182	400	399	218
N9RV	148520	475	465	158
W9ILY	80808	259	259	156
K9OSH	8250	63	62	66
K9CJ	1064	28	0	38
KG0UA	55380	195	195	142
N9HDE/O	1672	44	0	38

KOCOP	1600	40	0	40
<b>Republic of South Africa</b>				
ZS6Z	1594184	1978	1968	404
ZS6AJS	114114	371	370	154

### Multi Operator Europe

<b>United Nations Vienna</b>				
4U1VIC	539505	1248	645	285

<b>Germany</b>					
DL2NBU	C12	1313264	1200	2176	389
DF3CB	C26	896752	1097	1637	328
DF0CG	L06	773878	1056	1282	331
DL0HRO		383005	734	1031	217
DL0KM	L14	241395	702	453	209
DA0BUG	W37	200480	416	704	179
DJ3XK	E31	706556	252	260	138
DK0SC	B13	25648	229	0	112
DK0UH	P41	15748	124	0	127
DL5YAS	N34	11895	69	114	65
DJ0UO	L06	84	7	0	12
DJ2EO	L06	60	10	0	6
DK7MP	L06	48	6	0	8
DJ2PK	L06	30	5	0	6

<b>Czech Republic</b>					
OL5DX		11315	155	0	73
OK1KCF		11096	152	0	73

<b>Netherlands</b>					
PA3HBB		63571	349	72	151

<b>Poland</b>					
SN2B		642447	1047	942	323

<b>Kaliningrad</b>					
RW2F		1271160	1232	1978	396

<b>European Russia</b>					
RU1A		1341420	1199	2197	395
RW4LYL		558018	877	1261	261
RK3UWA		288992	533	1109	176

<b>Ukraine</b>					
UU5J		1048524	907	1761	393
UU7J		1030022	1027	1467	413
UT7Z		588004	1057	1089	274
EM4E		398025	567	958	261

<b>Yugoslavia</b>					
YU7AL		474948	593	1411	237

### Multi Operator Non-Europe

<b>Malaysia</b>					
9M6AAC		1137666	1551	1435	381

<b>Japan</b>					
JE4VVM		1102816	1573	1560	352

<b>Jordan</b>					
JY9QJ		2446510	2427	2408	506

<b>Alaska</b>					
KL7G		632112	1589	1450	208

<b>Argentina</b>					
LU4DD		836220	1267	1267	330
LU8DW		492336	938	934	263

<b>Asiatic Russia</b>					
RK9CWA		2048280	2033	2023	505
RF9C		1855610	1918	1908	485
RI9C		1627155	1775	1770	175
RK0SXF		688380	1043	1043	330
RX0LWC		229446	607	607	189

<b>Kazakhstan</b>					
UN4L		1570770	1725	1653	465

<b>United States of America</b>					
K2NG		1394366	1773	1766	394
N3RD		1685061	1913	1908	441
N6AW		451896	1064	918	228

### SWL Europe

<b>Germany</b>					
DE1MSA	X30	91492	224	33	356
DH2URF		37436	128	63	196
<b>Lithuania</b>					
LYR-794		1413195	1358	833	645

LYB-68	728640	987	453	506
LYR-672	646360	615	515	572
LY-A-89	302234	632	66	433

<b>Czech Republic</b>				
OK2-9329	94588	251	177	221

<b>Belgium</b>				
ONL383	32856	104	44	222

<b>European Russia</b>				
UA1-143-1	449790	318	552	517
UA3-155-28	394592	536	300	472
UA3-170-847	312416	751	0	416

<b>Romania</b>				
YO9-025/DB	644	23	0	28

<b>Yugoslavia</b>				
YU1GR	457322	558	353	502

### Non-Europe

<b>Japan</b>				
JA5-3278	11200	140	0	80

<b>Asiatic Russia</b>				
UA9ACJ	41800	190	0	220

### Checklogs

Many thanks to the following stations for submitting checklogs:  
 CT3/DL2DN, DK3RED, DL5AMF, DL5DWW, DL5MY, DL6KVA, DL6UNF, DL7VMM, DM3XI, EA7CA, OK1DVK, OK1GS, OK1JDD, OM3CAE, OM3EA, OT9A, PA3AFF, PA3BFH, PY2TNT, PY3AU, S57D, SM0CSX, SM0NJO, SM2UJW, SP2HMT, SP2HPM, SP4EAK, SP6CES, SP6GJY, SP7ICE, SP8JMA, SP9MDY, RA1QF, RN3AY, UA1OMS, UR5WCW, WB9NMV/O, YO2LLG, YO4AAC, YO5CRQ

### Station operators - Multi Operator Category

4U1VIC: DJ0IP DL6RDR JH4RHF. DA0BUG: DK5IM DL6MHW. DF3CB: DF3CB DJ5IW DL2MEH DL8DYL OH2TA YB1AQS. DF0CG: DF1JM DJ7EO DK2OY DK3KD DL2OAP DL5JQ DJ0UO: DJ0UO DJ2EO DJ2PK DJ2EO: DJ0UO DJ2EO. DJ2PK: DJ0UO DJ2EO DJ2PK. DJ3XK: DJ3XK DK6HA. DK0SC: D55NF DJ5GG. DK0UH: DK7SU DK8ND. DL0HRO: DL3KUD, DL3KUM, DL8KWA, DL8KWS. DL0KM: DL3ECK DJ2NJ DL/EW1NY DF2JQ. DL2NBU: DK8LV DL2NBU DL6RAI. EM4E: UR5ECW UR5EDX. JE4VVM: JE4VVM JG4CLV JN4FEU. JY9QJ: JY9QJ DL5MBY. KL7G: KL7HF W4KY AL7PJ. LU4DD: LU6EO LU7EE LU5UAI LU5DG LU3EPI LU5BB LU4AXV LU4AAV LU3EJK LU8DNO. LU8DW: LU9AY LU7AWP LU7DX LU8DW. N3RD: N3RD N3RS W8FJ. PA3HBB: DF5RF GM4CXP PA3HBB. RF9C: RZ9CO RA9CMO RA9CQK UA9CDT UA9CIR. RI9C: UA9CDV UA9CLB RX9CAZ. RK0SXF: RA0SID RU0SN RU0ST. RK3UWA: RA1ZZ UA3UAW UA3UCL UA3-123-444. RW2F: LY4AA RA2FA RN2FA UA2FF UA2FZ. RW4LYL: RA4LW RV4LM RW4LE. RX0LWC: RU0LI UA0LS RU0LAX. SN2B: SO2WDX SP2FAX SP8RX. UN4L: UA9BA UN4I UN7LF UN7LCC UN7LDI UN7LEB UN9LY. UT7Z: UR7ZZ UT0ZZ UT4ZO UY0ZG UY3JM. UU5J: UU2JQ UU2JZ UU3JD UU3JM UU0XJ. UU7J: UU4JMG UU5JAF UU5JAQ UU8JK UU0JM UU4JZV UU4JDD. YU7AL: 4N7RGH YZ7EM.

### Contest echo

4X/OL7D: Only 10 m was bad here... 9M2JI: I only worked 71 stations but enjoyed very much... AA3B: An outstanding contest... AA8U: It seems this sunspot circle only benefits the DXers between contesters... DF3CB: No amplifier use on Sunday due to recordings due to nearby record studio... DJ6TK: Nice to work with low power and vertical against the big guns... DJ7AA: missed 2 good

hours due to bad thunderstorm... DJ9MH: Begging for QTCs is a plea... DK2BU: Nearly doubled my score. QTCs were not easy at times... DL0HRO: Missed good antennas for 40 and 80... DL1CW: 100k point cracked with 100 W and 4 bands only... DL2NBU: Many QTCs but few activity from rare DX... DL4AAE: Motivating competition with DL1CW a mile away - he was successful in the end... DL4FDM: Getting QTCs from BY1DX and 9M6AAC is fascinating... DL8FP: I work classic straight key. It's a hard job to work against pc-controlled stations... EA8DY: A terrific 10-m-opening on Sunday... EI/K300: Operated the WAE for many years from stateside. So it was a real treat for me to be able to get on for a couple hours from the other side... F6LY: A very exciting contest... G3TXF: QRV only the last few hours but incoming QTCs made it fun to follow... HB9RE: Pleased to give out points and multis... I3FDZ: Exciting - a lot of QTCs this year... JF1SQC: Only 2 QSOs were made on 10 meters... JF2FIU: The QTC has a charm of its own... JG3VEI: Heard several EUs on 80 meters... JH3AIU: Operated full 36h and experienced short but exciting EU-JA opening on 10m... JH4ADK: Worked a little bit more QSOs than last year... JRB3VX: "QTC?" is a very happy time. Please continue this WAEDC system... K3WW: Not enough time for me this year, but a wonderful contest... K5VG: I always operate this one with a straight key and paper logging. It makes sending QTCs more exciting... K9GY/3: Thanks to Fred, K3ZO - first time operating from the East Coast... LU4DD: Was a great pleasure for the federal Police Radio Amateur Station to join the best contest in the world with GACW crew... LY2OX: My effort was to give out some points for DX and learn to copy QTCs straight into computer... LY3BA: My first try as a single op in WAEDC... LY5W: V73CW and XW8INH were new ones... LYR-672: I like this contest... LZ3YY: 100 W + simple antenna = 300K points, what more? No condx on 10m at any time... N1EU/2: Great, will make more serious effort next year... N4BP: I have participated from C6AKM last year. Highlight was the snappy run on 10 m Sunday afternoon... N8LM/4: Nearby thunder storms and cockpit errors made for an interesting contest... OH0/DJ7ST: Only emergency repair made to a QRV possible. OK1FCA: First WAE with pc and best result ever despite lost QTCs on pc... OK2QX: Some stations work with crazy QRQ... OL4M: 250 w and a longwire - I am happy to have over 200k points... ON5WL: good contest except 10 m... PA5TT: Due to computer problems limited to hand log... RA3XO: Only three stations offered QTC without asking... RW9QA: My goal was to make 1000 QSOs but have fallen asleep with the small sun... S53R: I'd say that QTCs are overestimated, considering doubtful practices of certain stations... SM5AOG: Thanks for printed results... SP6LV (age 68): congrats to DL stations in QSL: nearly 100%... US0IBS: Surprise 5 minutes before test: my electric installation was on fire... UU5J: We did not understand why PAs on V47 ignored the most popular EU contest... UX5VK: exciting QSOs with SU9ZZ, AT0VLH, 9M6AAC... VE3EJ: Almost lost great 10 m opening to EU on Sunday afternoon... VK2APK: For many hours it seemed impossible to reach last years score... W3BGN: Difficult to spend much time indoors... W5NR: started my 70th year as an radio amateur... (congratulations, Art - WAE Comm)... W7GB: Thank you for a most enjoyable contest... W04O: A pleasure to work so many excellent CW ops. I enjoy this game and I play when I can. Maybe someday my schedule will allow me to play full time... WP2Z: A temporary dipole to a bush almost started a fire on 40 m! Lost the amplifier on Sunday morning... WR1P: Thanks again for the nice brochure... WZBA: I solemnly resolved not to work any Asian Russians - my apologies to UN4L in Kazakhstan... YO4NF: My first WAE... some problems with the TH7DXX just when 15 m opened... then problems with the computer and loss of 235 QTCs... good condx 20/15 m... YU1BO: Equipment troubles but I was there... YU7SF: This was my 41st WAEDC... ZX4C: Operated a special event station during a ham venton - imagine the QRM!



LZ3AB	7860	51	80	60	UA3LHL	33345	195	0	171	Philippines					PR7AYE	144	12	0	12
LZ2FM	4554	69	0	66	RU3DVR	17570	99	152	70	DUI5AN	61246	296	246	113	PR7QI	12	2	0	6
LZ3SM	864	14	40	16	UA4LY	16720	220	0	76	Palestine					Egypt				
LZ4BU	252	14	0	18	RV3YR	15480	79	136	72	E41/OK1DTP	2109456	2887	1225	513	SU9ZZ	1552246	1976	1355	466
Finland					UA3BZ	7006	113	0	62	Ceuta & Melilla					Asiatic Russia				
OH1F	858204	955	1352	372	RU4WE	6916	43	90	52	EA9AR	327500	630	620	262	R19C	1153700	1400	1380	415
(op. OH1NOA)					RA3XA	5989	39	74	53	Turkman Republic					RZ9HT	840381	1245	1234	339
OH9JTW	3080	56	0	55	RV1CC	4148	61	0	68	EZ8CW	6612	174	0	38	UA9CBO	550254	882	876	313
Czech Republic					RA1ABU	2562	51	10	42	Grenada					RW9AB	459612	759	743	306
OL5Y	780766	609	1190	434	RN1AO	1050	35	0	30	J37K	837540	1323	1215	330	RW9QA	260130	569	562	230
OK1DRQ	119574	204	453	182	RA1TV	980	35	0	28	Japan					UAØWL	234135	554	535	215
OK1AXB	60865	329	0	185	RA1ARJ (QRP)	711	9	70	9	JQ1BVI	313400	800	767	200	RA9DA	158470	350	339	230
OK2HBR	40996	201	76	148	UA3DJY	360	18	0	20	JF1SQC	132612	389	382	172	RK9CZO	142780	326	323	220
OK1MNV	30226	98	140	127	Ukraine					JA9SCB/1	32832	218	214	76	(op. RX9CAZ)				
OK1AKF	13440	160	0	84	UTØU	236430	344	721	222	JR4PMX/1	19598	120	119	82	UA9MA	133250	340	310	205
OK1KZ	9476	103	0	92	UTIT	230832	276	732	229	JH1UUT	13184	107	99	64	UAØSJ	57504	303	296	96
OK1VD	7830	145	0	54	UU2JZ	221480	313	667	226	JA1BUI	7406	81	80	46	RW9RF	44800	176	174	128
OK2ABU	4234	38	20	73	UTØZZ	118456	736	148	134	JR1LEV	5760	61	59	48	RA9FDR	27552	123	123	112
OK2SWD	1140	28	10	30	UT8IM	79716	211	335	146	JAØBMS/1	4160	57	47	40	UA9JMS	19360	121	121	80
OK2BHE	264	22	0	12	UT7QL	78660	230	184	190	JH1AZO	3696	47	37	44	RZ9HG	9648	68	66	72
OK1DVK	252	14	0	18	UX5UO	12463	103	0	121	JA1AB	2226	53	0	42	Kazakhstan				
Slovak Republic					UT7QF	10611	81	50	81	JA1AAT	750	25	0	30	(op. UN5PR)				
OM3TA	15066	79	107	81	UX1HW	8362	73	40	74	JA1STY	192	10	6	12	UN4L	89352	306	278	153
OM6TX	4745	65	0	73	UTSUGR	6136	34	70	59	JK1BII	180	10	0	18	UN9PQ	16352	146	146	56
Belgium					UT7MD	570	19	0	30	JH1RMH	32	4	0	8	UP6F	26058	154	149	86
ON4ON	182016	332	379	256	UR3QCW	144	9	0	16	JG1GCO	24	4	0	6	(op. UN7FZ)				
ON4CAS	2300	46	0	50	UTUAØQGQ (QRP)	112	14	0	8	JF2FIU	66560	320	320	104	Canada				
Denmark					Latvia					JA2FSM	23180	123	121	95	VE2AWR	71346	257	249	141
OZ5EV	149008	241	315	268	YL2TW	37248	89	295	97	JQ2WDQ	16968	153	150	56	VE3EJ	1779354	1916	1657	498
OZ6OQ	7476	84	0	89	YL2PP	10403	101	0	103	JA2CWU	14768	143	141	52	(op. UT4UZ)				
Netherlands					YL3BZ	3168	72	0	44	JA2OJ	13600	105	95	68	VE3OI	481290	920	910	263
PA7FM	28152	184	0	153	YL2MF	120	12	0	10	JA2BQX	7840	74	66	56	VE3BUC	32857	169	150	103
PAØIJM	17860	190	0	94	Romania					JH2BTM	3444	45	37	42	VE3SYB	6102	59	54	54
Slovenia					YO5CYG	200960	275	510	256	JI2VLM	2496	40	38	32	VE3RGG	240	12	0	20
S5ØA	1642200	1271	1585	575	YO4AAC (QRP)	3344	38	50	38	JA2GHP	1020	30	0	34	VE4YU	4176	49	38	48
S57DX	1093794	906	1368	481	YO4US	1134	27	0	42	JG2CNZ	324	18	0	18	VESCPU	62622	253	244	126
S56A	363467	387	562	383	YO9FJW	672	24	0	28	JL2HJ	234	13	0	18	Australia				
S51CK	344500	671	654	260	Yugoslavia					JK2VOC	96	8	0	12	VK2APK	198067	519	518	191
S57IO	114472	648	50	164	YU1JW	923076	1275	1167	378	JJ3OOZ	6992	80	72	46	India				
S57AW	53424	127	350	112	YU7KW	658080	893	935	360	JJ3TBB	4200	46	38	50	ATØVLH	1553426	2030	1608	427
S57UYX	24500	235	10	100	4N7TW	458658	667	827	307	JA3HPD	2244	34	32	34	United States of America				
S57MSU	10710	76	179	42	YU7AM	319112	482	930	226	JL3RDC	1632	48	0	34	KQ2M/1	122544	464	364	148
S58MU	7980	51	159	38	YU1KN	58112	201	253	128	JR3RIY	624	26	0	24	AA1SU	23320	133	132	88
Sweden					YT1AT	24480	170	0	144	JA3DMQ	504	21	0	24	K1PLX	12556	83	63	86
SM6VR	249243	578	415	251	YZ1SG	11250	75	0	150	JH3KAH	12	3	0	4	KC1F	2400	38	37	32
SM7TKL	14410	131	0	110	YU4XW	6059	83	0	73	JA4DPL	109746	444	427	126	K2NG	1541603	1655	1632	469
SM7BJW	12236	123	10	92	YU7SF	5904	42	30	82	JH4ADK	65728	319	313	104	W2YR	371280	555	550	336
SMØFM	2900	58	0	50	Macedonia					7LAIUO	42558	174	172	123	N2VW	182475	412	399	225
SM5AJV	90	9	0	10	Z31GX	184320	544	416	192	JH4NMT	26950	128	117	110	WB2OSM	176475	494	481	181
Poland					Non-Europe					JR4CPA	720	24	0	30	N1EU/2	145469	370	361	199
SP2FAX	1521000	1713	1287	507	Israel					JA6LUBK	116745	325	320	181	W2YC	131625	298	287	225
SP9BBH	322828	352	924	253	4XØT	733520	1100	1020	346	JA6QDU	2618	39	38	34	N2LQQ	12312	86	85	72
SN9W	99129	160	359	191	4X1VF	611280	900	798	360	JR7LVK	4598	61	60	38	NW2J	2484	36	33	36
(op. SP9HWN)					Cyprus					JA7ADT	1530	51	0	30	WA2UDT	1836	34	20	34
SP9XWD	33488	182	0	184	4A	3412836	2804	2800	609	JA8TEZ	2814	51	16	42	K3WW	734850	1038	1032	355
SP9BLF	28260	105	209	90	(op. 9A3A)					JA8GTO	108	9	0	12	W2OX/3	520260	886	854	299
SPØAAZ	21714	154	0	141	H2E	386448	791	761	249	JAØQWO	168795	545	544	155	KQ3F	301833	803	794	189
SP3UIW	16120	155	0	104	Nigeria					JAØHYU	144	9	0	16	KB3TS	279786	669	657	211
SP5BB	13464	87	100	72	5N3CPR	53562	240	234	113	Puerto Rico					W3FQE	6534	84	15	66
3Z6V	12400	100	0	124	Barbados					WP4LNY	320	20	0	16	W4LC	63720	246	226	135
SP7A	12120	101	0	120	8P6SH	1518036	1613	1543	481	Argentina					W4WS	52920	167	148	168
SP4GFG	7480	85	0	88	Zambia					LO7H	281820	683	659	210	(op. N4VHK)				
SP3JHY	5696	69	20	64	9J2A	2118094	2791	1687	473	LT5Y	72480	304	300	120	K4IU	15200	98	92	80
SP3XR	3900	50	0	78	Malaysia					L2ØF	69930	259	259	135	N4MM	14040	97	83	78
SP9MDY	3717	53	10	59	9M2TO	202860	540	440	207	LW7EGO	25730	215	200	62	KØEJ/4	12432	78	70	84
SP2DKI	1848	34	10	42	Singapore					LW1EGD	126	9	0	14	N4UH	5740	52	30	70
SP5DDJ/4 (QRP)	1736	62	0	28	9V1XE	86112	282	270	156	Lebanon					KD4RHT	2646	49	0	54
SP9LDI	1269	47	0	27	China					OD5NJ	84561	397	0	213	K5VG/4	1680	25	23	35
SP6FJ	1040	40	0	26	BY1DX	157932	494	469	164	Brazil					K4BAI	756	22	20	18
SP9HZF	676	16	10	26	(op. OH2PM)					PY2MNL	580615	1134	1057	265	WD5K	75884	315	307	122
SP6NIG	104	13	0	8	Taiwan					PT2AW	312868	735	727	214	N5RXF	27632	160	154	88
Greece					BXØQSL	36288	164	160	112	PS7SAS	191160	477	333	236	W7/JR1NKN	18	3	0	6
SW2A	178092	300	573	204	Chile					PY2YU	65405	259	256	127	N9RV	9520	71	65	70
(op. SV2AEL)					CE5GO	8211	63	56	69	PY2NY	59850	238	237	126	KØDAT	11016	83	70	72
SV1DNW	39680	117	203	124	Madeira					PY1KS	56814	280	277	102	WBØYJT	5215	78	71	35
SV2BBD	3520	50	5	64	CT3HF	574722	850	716	367	PR7AR	55806	236	190	131	NØXW	2120	43	10	40
Bosnia					Uruguay					PY2APQ	27984	134	130	106	N9HDE/Ø	700	25	0	28
T94KW	27063	141	150	93	CX9AU	67452	219	219	154	PY2KQ	26880	161	159	84	Mexico				</

## Multi Operator Europe

<b>Germany</b>					
DF0HQ	X34	2647338	1899	2100	662
DF0CG	L06	1792327	1712	1331	589
DL0DK	F36	762120	1210	907	360
DL2DBH	O38	604665	751	742	405
DL0HN	P05	596684	684	878	382
DL0GVM		406656	562	590	353
DL0CB	Y24	336105	521	546	315
DF0SX	P51	216825	337	548	245
DL0SE	O32	201670	245	693	215
DL0DAN	Z65	170160	272	437	240
DK0SC	B13	164121	267	456	227
DL0AR	B39	153397	214	513	211
DL0HGWW11		106876	199	495	154
DL5BCQ	I20	105363	225	284	207
DA0BUG	W37	72540	150	318	155
DF0FJ		71875	150	425	125
DA0CB	Y24	27450	140	43	150
DJ2OOO	O30	5824	91	0	64
DL6UWL	O32	1700	20	30	34
DH2DAMO32		1036	14	23	28
DJ4DX	O32	910	25	10	26
DN1MA	C25	700	25	0	28
DL5DCN	O32	416	16	10	16

<b>England</b>					
M4U		159782	612	179	202

<b>Italy</b>					
IR4T		2550975	2214	1741	645
IO2L		218160	459	349	270

<b>Czech Republic</b>					
OL5DX		7820	92	0	85
OK1KCF		6142	83	0	74

<b>Netherlands</b>					
PI4EUR		20500	164	0	125

<b>Poland</b>					
SP5ZCC		117605	260	287	215
SP0TG		13920	145	0	96

<b>Kaliningrad</b>					
RW2F		2329794	1704	1942	639

<b>European Russia</b>					
RW4LYL		39721	163	90	157

<b>Ukraine</b>					
UU7J		1264116	999	1087	606
EM4E		422820	491	814	324
UU5J		414948	417	957	302

<b>Yugoslavia</b>					
YT1AD		1208256	1546	1151	448
YU7AL		516802	523	1336	278
YU7AJM		114918	212	430	179

## Multi Operator Non-Europe

<b>Morocco</b>					
CN8WW		4888298	3936	3923	622

<b>Ecuador</b>					
HC1OT		661669	1055	944	331

<b>Japan</b>					
JA2YKA		2992	38	30	44
JE4VVM		135192	407	379	172

<b>Argentina</b>					
AY0N		1316736	1912	1517	384
LU4FM		753480	1271	1069	322

<b>Argentina</b>					
LU6FF		172557	471	442	189

<b>Asiatic Russia</b>					
RF9C		2112474	2103	2031	511
RK9JWR		801850	1165	1126	350
RK9JWC		538470	903	834	310
RX0LWC		143370	445	440	162

<b>Kazakhstan</b>					
UP0L		2255688	2228	2020	531

<b>United States of America</b>					
K1VR		1337052	1663	1663	402
N3RS		1931120	1948	1876	505
N3BNA		491526	753	741	329
N6AW		224316	603	603	186

<b>Indonesia</b>					
YB3ZES		20640	182	162	60

## SWL Europe

<b>Germany</b>					
DE1MSA	X30	227046	441	33	479
DO3AG	A36	66736	164	180	194
DE5OLI	X30	19888	110	3	176

<b>Italy</b>					
I/SWL	YL Asha	192	6	10	12

<b>Lithuania</b>					
LY-A-89		1543356	1620	374	774
LYR-672		1497561	1296	725	741
LYR-794		1260672	1062	546	784
LYB-20		715040	1001	311	545
LYB-68		510400	829	99	550
LY-B-26		452790	836	282	405
J. Barzdziuk		2156	42	7	44
LY-SWL-YL		714	21	0	34

<b>Finland</b>					
OH2-836		150150	280	105	390

<b>Czech Republic</b>					
OK2-35255		284096	551	185	386
OK1-22672		109152	288	0	379
OK1-32839		22310	115	0	194
OK2-9329		14800	78	70	100

<b>Belgium</b>					
ONL383		178929	334	89	423

<b>Poland</b>					
SP0142-JG		1107135	1398	195	695
SP-09001		98028	389	0	252

<b>European Russia</b>					
UA3-170-847		833770	1385	0	602
RZ3EC		409156	546	202	547

<b>Ukraine</b>					
US-Q-2115		6930	45	0	154

## SWL Non-Europe

<b>Japan</b>					
JR7HOD/6		92768	396	20	223
JA5-3278		1872	78	0	24

<b>Asiatic Russia</b>					
UA9ACJ		428164	719	95	526

<b>Indonesia</b>					
INS-99		37950	191	39	165
YD3BMB		3276	86	40	26

## Checklogs

Many thanks to the following stations for submitting checklogs:

3Z4X, DF0FU, DF0MM, DH5MM, DL1DXX, DL2DN, DL2RTJ, DL3NEO, DL5NA, DL6UNF, DL9GTB, EA3AAW, EA5DIT, ED1CBX, EW4EW, IK3XTY, IS0LLJ, JA1WC, JE2HCJ, JM4UZF, K6FM, OK1JOC, OM3EA, OZ6TL, PA9RZ, PY7IQ, RA0CCV/3, RA1AKE, RW3FO, RZ9IR, SM6FUD, SP2SCX/9, SP3CUG, SP7ICE, SP9EMI, SQ4GXO, T77WI, UA6IBX, UA6LAK, UT4EK, YL2GN, YO8MI

## Station Operators - Multi Operator Category

AY0N: LU2NI, LU1NAF, LU8NA, LU1NDC, LU7NN, LU4NAZ, LU2NAA, LU1NAD, Otto, Tom. CN8WW: DL6FBL, DL8WPX, SM3SGP. DF0CG: DF1JM, DF3KV, DJ7EO, DK3KD, DL1EJA, DL5JQ, DL9ECA, ONACAT. DF0HQ: DK7YY, DK8YY, DL1AUZ, DL3TD, DL5ANT, DL5AXX, DL5YY, DL7ZZ. DF0SX: DH2SP, DL1CW, DL1SBF, DL3SKF, DL4SBF, DL4SKF, DL8SBE. DH2DAM: DH2DAM, DK1DN. DJ2OOO: DH6WS, DH9WP. DJ4DX: DJ4DX, DL2ERH. DK0SC: DL1NSG, DL8NAS. DL0AR: DH1NHI, DH1NFL, DH1NHF. DL0CB: DL6UAM, DL8UCC. DL0DAN: DL6BAG, DL1BDK, DL1BKT. DL0DK: DK2XZ, DK9ZQ, DL2FAG. DL0GVM: DH4DL, DK3RA, DL2KUW, DL3SUG. DL0HGWW: DL9GRE, DL9GMN, DC2GMA. DL0KM: DF2JQ, DJ2MJ, DL3ECK, EW1NY. DL2DBH: DL2DBH, DJ9DZ. DL5BCQ: DL5BCQ, DH1BBH. DL5DCN: DL5DCN, DL1ECU. DL6UWL: DL6UWL, DF5DR. EM4E: UR5ECW, UR5EDX, USE-699. HC1OT: HC1OT, N5KO. IO2L: I2OKW, IZ2ACZ. IR4T: I4UFH, I4JMY, I4YSS, IK4IEE, IK4MHB, IK4UPB, IK2QBI. JE4VVM: JE4VVM, JG4CLV. K1VR: K1VR, S53ZO, S5500. LU4FM: LU2FA, LU3FP, LU4FPZ, LU6FUQ, LU8FQQ. LU6FF: LU6FF, LU5FSM. M4U: G0DVJ,

G4EYE, G4YJQ, G0OZS, G4FTP, G3YYZ. N3RS: DL1IAO, N3RD, N3RS. N6AW: N6AW, DL2SAX. PI4EUR: PA7FM, PA7PTT, PA3GZR, PD3HM, PA3HGL, PA3DHR, PA3HCF. RF9C: RZ9CO, RA9CMO, RA9CKQ, UA9CIR. RK9JWR: RA9JR, RV9JR, UA9JMB. RW2F: LY4AA, RA2FA, RN2FA, UA2FB, UA2FF, UA2FZ. RW4LYL: RV4LM, RA4LW. RX0LWC: UA0LS, RU0LI, RU0LAX. SP5ZCC: SP5UAF, SQ5BPM, SQ5GVX, 3Z5AAN, SQ5EBL. SP9KDU: SP9AVZ, SQ9FMU. UP0L: UN9LW, UN7LAN, UA9CDU, UA9CI, UA9AR, UA9CAW. UU5J: UU1JA, UU2JQ, UU0JX, UU7J: UU0JM, UU4JDD, UU4JMG, UU8JK. YB3ZES: YC3SZM, YC3JPS, YD3TYO, YD3TWZ, YD3BMB. YT1AD: YT1AD, YU1DX, YU1AU. YU7AJM: Peter, Ivan, Stan, YT7XT, 4N7TA, YU7YZ. YU7AL: 4N7RGH, YZ7EM.

## Contest echo

4X0T: I want to dedicate this contest operation to my wife Judith... 8P6SH: My second op was murphy - two power outages and a late start cost me at least 4 hours. I'll be back next year... C4A: Tired but happy to have broken my last year record with my best ever multiplier score. Thanks EUs for your support with QTCs and QSYs... DF0WA (op. DL2MEH): tx to DF3CB for use of his fine station... DJ4PI: WAE is always a challenge but I am getting older (65)... DJ7AA: Nothing on 20m after 1630 on Sunday... DK8EW: QTC hunting was great... ES1ABR: age 12 years... G6QQ: Managed to beat my score last year. Now an OT of 83 years... JA9SCB/1: Conditions were very good compared to last year... JF1SQ: It was my only regret that not so many stations could be heard on 10 m... KB3TS: It is relaxed fun. I am very impressed with the speed EU stations can take QTC... LY-A-89: It was nice to listen... LY2BTA: Missed HC1OT and 9J2A on 80m, HP1XVH on 15m, VE3EJ on 10m. Lots of USA on 40m... M4U: Great fun. Interesting with QTCs too... N1EU/2: Great, will make more serious effort next year... OH1F: 20m was very poor due minor storm on Sunday but 15m saved lot... OH2-836: Conditions varied a lot here in the north... PT2TF: Enjoyed WAEDC. It's the contest of my preference... S56A: USA and JA just multi on 10 m... UP0L: Impossible to compete with CN8WW, C4A and others - they are too close to most of EU countries... UU7J: Many thanks to EX8W, J37K, CT3HE, BY1DX, 8P6SH, SU9ZZ, EA9LZ and ZP5MAL for calling us on all bands! W2YR: After the contest I was hearing „QTC for me?“ in my sleep... YB3ZES: We did not hear any YL station. I think this contest is not only for OMs, hi...





# Worldwide International DX Club Competition

**Europe: BCC Contest Club (BCC) Germany**  
**Non-Europe: Ural Contest Group, Russia**

(minimum 3 logs per club requested)		Moscow Contest Club	(UA)	369795	UDXC	(UA)	661386
		YO DX Club	(YO)	337828	South Central Radio Club	(W)	632112
		Low Lands Crazy Contesters	(PA)	320602	Florida Contest Group	(W)	628055
		Exiles Contest Group	(G)	309320	Central Siberia DX Club	(UA)	588674
		Giraffe CW Club	(HA)	277245	Radioclub Kurgan	(UA)	580778
		SDXG	(DL)	257542	Ufa DX Club	(UA)	563046
		Lynx DX Group	(EA)	236600	Southern California		
		Perugia DX Club	(I)	187824	Contest Club	(W)	540345
		Nothern Greece Contest Club	(SV)	181612	Potomac Valley Radio Club	(W)	435686
		Danish DX Group	(OZ)	149008	Society of Midwest Contesters	(W)	425714
		Pancevo Club	(YU)	142560	KCM	(JA)	368461
		Ivano DX Club	(UA)	115984	Rochester DX Assn.	(W)	297843
		French-DX-Foundation	(F)	100147	South East Contest Club	(W)	265967
		YU DX Club	(YU)	94615	Guara DX Group	(PY)	262654
		YUCC	(YU)	58112	South Osaka Contest Club	(JA)	215260
		Podolsk Radio Club	(UA)	46600	North Coast Contesters	(W)	158040
		Key Contest Team	(I)	22148	Texas DX Society	(W)	146718
		CCF	(OH)	13650	Tennessee Contest Group	(W)	139530
					Western Siberia DX Club	(W)	133250
					Battling Beaver Contest Club	(VE)	114560
					West Rand Radio Club	(ZS)	114114
					Far East Islands DX Club	(UA)	76137
					Regina Amateur Radio Assn.	(VE)	72488
					Kansas City DX Club	(W)	55380
					CDXA	(W)	52920
					North Arizona DX Assn.	(W)	52140
					Metro DX Club	(W)	30576
					Worldradio Staff ARC	(W)	23520
					MARA	(W)	15960
					Northern California DX Club	(W)	15312
					Apteryx DXers	(ZL)	13833

<b>Europe</b>							
<b>BCC</b>		(DL)	<b>17787592</b>				
Kaunas Technical							
University RC	(LY)		15062163				
RRDXA	(DL)		6919754				
Slovenia Contest Club	(S5)		5739658				
Crimean Contest Club	(UR)		4877164				
SP DX Club	(SP)		4499278				
Marconi Contest Club	(I)		3614245				
Ukrainian Contest Club	(UR)		3509863				
Russian Contest Club	(UA)		3018666				
Czech Contest Club	(OK)		2705561				
Lithuanian DX Group	(LY)		1938327				
Vojvodina Contest Club	(YU)		1818583				
Nothern Lithuania DX Group	(LY)		1538205				
Z30M Contest Team	(Z3)		1337600				
YU Contest Club	(YU)		1247328				
Sky Sat Club	(YU)		923076				
Contest Club Finland	(OH)		858204				
Croatian Contest Club	(9A)		710785				
Berlin DX Group	(DL)		705542				
F.A.R.T.S.	(GU)		681636				
Nothsea-DX-Club	(DL)		635135				
The Jet Set	(OH)		563286				
San Remo RTTY Flower Team	(I)		518364				
Murmansk DX Club	(UA)		449790				
DX Sauna Assn.	(OH)		424767				
BARTG	(G)		388548				

<b>Non-Europe</b>							
<b>Ural Contest Club</b>		(UA)	<b>14967994</b>				
Frankford Radio Club	(W)		12194662				
Nicosia Contest Group	(5B)		5605840				
TuPY DX Group	(PY)		2315692				
Yankee Clipper Contest Club	(W)		2108363				
Western Siberia DX Club	(UA)		1780623				
PVRC	(W)		1406588				
GACW	(LU)		1089594				
Beverly Contest Group	(W)		699078				

## WAEDC ALL TIME RECORDS

MODE	ENTRY	DX/EU	CALL	SCORE	YEAR
CW	Single/Opr./Allband	EU	DK3GI	1.795.986	1982
CW	Single/Opr./Allband	DX	JY8WA	2.427.788	1997
SSB	Single/Opr./Allband	EU	YU3MY	2.742.961	1982
SSB	Single/Opr./Allband	DX	C4A	3.412.836	1999
CW	Multi/Opr./Single TX	EU	UK2BAS	2,886.296	1982
CW	Multi/Opr./Single TX	DX	ZC4C	2.489.590	1995
SSB	Multi/Opr./Single TX	EU	Y24UK	5.094.720	1982
SSB	Multi/Opr./Single TX	DX	CN8WW	4.888.298	1999



# 45th European DX Contest (WAEDC) RTTY 1999

Herbert Ade-Thurow, DL2DN

WAEDC Contest Committee: DF2UQ, DF4ZL, DF9LB, DJ8ET, DL2DN, DL2HBX, DL3DXX, DL3KDV, DL3TD, DL6MHW, DL8WAA

Logs checked by DJ2BW and DJ8ET

## Continental Winners

**Single Operator Category**  
 Asia UP5P  
 Europe DL3TD  
 North America W1ZT  
 South America PY2MNL  
 Oceania YB5QZ

**Multi Operator Category**  
 Asia RY9C  
 Europe UT7Z  
 North America N2WK

**SWL Category**  
 Europe DE2EZF  
 Oceania INS-99

**Special Plaque Contest Expeditions**  
 V47GU

## Top Scores

Call	score	QSOs					all	QTCs		multipliers				
		80	40	20	15	10		80	40	20	15	10	all	
<b>Top Three Single Operator</b>														
<b>Europe</b>														
DL3TD	913920	89	110	152	140	208	699	981	148	132	82	88	94	544
DJ7AA	684930	108	145	277	111	27	668	675	152	126	112	86	34	510
I4MKN	644670	104	82	241	167	96	690	545	148	102	112	100	60	522
<b>Non-Europe</b>														
UP5P	903536	98	127	160	240	231	856	660	124	126	112	122	112	596
W1ZT	699078	7	106	218	247	217	795	944	16	96	92	98	100	402
V47GU	636116	4	71	168	224	263	730	1152	12	72	82	82	90	338
<b>Top Multi Operator</b>														
<b>Europe</b>														
UT7Z	1404803	155	180	315	228	244	1122	911	180	147	138	110	116	691
<b>Top Multi Operator Non-Europe</b>														
RY9C	1813389	125	185	288	183	162	943	1886	156	147	138	106	94	641
<b>Top SWL Europe</b>														
DE2EZF	298080	80	83	145	173	110	591	99	96	90	82	94	70	432

## Results

Number groups behind callsign denote DOK (Germany only), score, QSOs, QTCs and multipliers.

## Single Operator Europe

**Croatia**  
 9A6ACY 123074 261 152 298

**Germany**  
 DL3TD X34 913920 699 981 544  
 DJ7AA W13 684930 668 675 510  
 DJ5JK A07 636174 677 445 567  
 DL2FAG Z25 357102 422 496 389  
 DL4MFP B41 340816 387 565 358  
 DJ3NG B07 309660 448 332 397  
 DL2AL 119144 254 170 281  
 DL8NBE B10 92649 202 145 267  
 DK3ML H43 52275 205 0 255  
 DK6CQ C25 38896 148 39 208  
 DL8ZAJ F09 35200 117 158 128  
 DL6UAA Y32 35119 114 89 173  
 DL5YAS N34 34400 140 20 215  
 DL3ARK X36 29100 150 0 194  
 DK4IO A36 25276 113 65 142  
 DL4RU U17 16568 109 0 152  
 DJ2YE R09 12628 82 0 154  
 DL1DTL S01 9600 80 0 120  
 DH9FAJ 6956 74 0 94  
 DF3IS A36 6460 76 0 85  
 DL2ZAV F06 4185 45 0 93

**Spain**  
 EA1BD 54075 221 88 175

**Eire**  
 EI4DW 174029 463 30 353

**Moldavia Republic**  
 ER1LW 160384 448 0 358

**Belorussia**  
 EW1EA 115071 303 60 317  
 EU1DX 7680 64 0 120

**France**  
 F8BQQ 103972 214 160 278  
 F5OKD 33150 170 0 195  
 F5VAU 3243 47 0 69

**England**  
 GØLII 535500 587 603 450  
 GØURR 71189 237 40 257

**Wales**  
 GW4KHQ 388548 524 480 387

**Hungary**  
 HA3LI 608097 610 649 483  
 HA4YF 131704 270 134 326

**Switzerland**  
 HB9HQX 47586 171 35 231

**Italy**  
 I4MKN 637260 690 545 516  
 I1COB 518364 642 480 462  
 IZUIY 175540 424 100 335  
 IV3KAS 147447 381 0 387  
 IQKHP 137740 236 249 284  
 IV3IIM 87290 301 0 290  
 IK1DFH 42716 181 0 236  
 I4HRH 33072 121 91 156  
 I4DZ 20040 120 0 167  
 IK2WYI 16250 125 0 130  
 IK3SSJ 13125 105 0 125  
 IK2UCK 12012 113 30 84  
 IK1NEM 9116 75 11 106  
 IK2WFN 9017 71 0 127  
 IK8SCR 5828 62 0 94

**Sicily Island**  
 IT9NVA 73245 257 28 257

**Norway**  
 LA7CL 44019 169 50 201

**Lithuania**  
 LY2FN 6450 45 30 86

**Bulgaria**  
 LZ2MP 21080 124 0 170  
 LZ5AZ 7378 72 47 62  
 LZ2NB 3690 45 0 82  
 LZ4BU 98 7 0 14

**Austria**  
 OE1KTS 6745 71 0 95

**Finland**  
 OH2LU 563286 648 399 538  
 OH2BP 424767 662 129 537  
 OH3NGB 234688 411 197 386  
 OH3FM 58292 247 0 236  
 OH5HCK 54448 191 141 164  
 OH2GI 13741 77 14 151

**Czech Republic**  
 OK2PCL 91126 283 0 322  
 OK2BMC 36036 162 20 198  
 OK2SG 20007 117 0 171  
 OK2CJM 17427 111 0 157

**Slovak Republic**  
 OM3PR 46020 185 10 236

**Denmark**  
 OZ5MJ 14040 76 44 117

**Netherlands**  
 PA7RCE 26400 150 0 176

**Slovenia**  
 S53MJ 497552 589 439 484  
 S57U 482670 558 480 465  
 S57IO 106720 236 224 232  
 S56A 35150 127 58 190  
 S59L 2646 42 0 63

**Sweden**  
 SM6SRW 185166 366 120 381  
 SM6BSK 173536 313 180 352  
 SM6WQB 129846 252 150 323  
 SM5UFB 93224 271 0 344  
 SM6FUD 46500 150 100 186  
 SK6TY 21912 92 40 166  
 SK5UM 8362 74 0 113  
 SM7BGE 6640 83 0 80  
 SMØTGG 1728 36 0 48

**Poland**  
 SN7N 512227 570 469 493  
 SP4CHY 485000 634 336 500  
 SP9LKS 72459 249 0 291  
 SP3XR 28696 136 0 211  
 SP2EIW 19881 102 39 141  
 SP3CUG 18203 109 0 167  
 SP6NVK 11948 103 0 116  
 SP1RWL 11508 84 0 137

**Greece**  
 SV1DNW 189660 415 130 348  
 SV1DU 92872 376 0 247

**Bosnia**  
 T94KM 160 10 0 16

**European Russia**  
 UA4LU 570251 743 360 517  
 RZ3AZ 369795 654 177 445  
 UA4LY 144210 418 0 345  
 RA3BB 26884 154 34 143  
 UA6ACK 14280 105 0 136  
 RU3WR 10192 58 40 104  
 RA4AFZ 4100 50 0 82

**Ukraine**  
 UX1IL 432 18 0 24

**Latvia**  
 YL1ZF 86460 262 0 330  
 YL2KF 31755 99 120 145

**Romania**  
 YO3JF 78752 268 160 184  
 YO3APJ 29784 126 10 219

**Yugoslavia**  
 YU7AM 391000 493 357 460

**Macedonia**  
 Z31JA 161756 386 50 371

## Single Operator Non-Europe

**Israel**  
 4Z5CP 378788 536 588 337  
 4X6UO 67864 179 320 136

**Singapore**  
 9V1XE 16368 76 110 88

**Chile**  
 CE8SFG 136488 366 360 188

**Cuba**  
 CO8LY 840 35 0 24

**Uruguay**  
 CX7BF 54600 329 196 104

**Japan**  
 JR1KSK 17784 102 50 117  
 JH8KYU/1 18 3 0 6  
 JK2VOC 18 3 0 6  
 JA3EVZ 12636 79 83 78  
 JL6HKJ 93002 206 305 182

**Hawaii**  
 AH6OZ 79077 337 276 129

**Alaska**  
 KL9A 7910 113 0 70

**Puerto Rico**  
 WP4LNY 3886 58 0 67

**Argentina**  
 LV5V 436587 547 1076 269  
 LU8HWD 139872 328 424 186

**Netherland Antilles**  
 PJ2MI 80391 268 113 211

**Brazil**  
 PY1KS 88900 234 401 140  
 PY2MNL 463982 667 1002 278

**(Op FT2BW)**  
 PS7AS 384416 652 660 293  
 PR7AR 96064 293 315 158  
 PR7AR 9306 99 0 94  
 PS7ZZ 4554 6 9 66

**Asiatic Russia**  
 RZ9WZ 563046 640 707 418  
 UAØCA 112881 219 372 191

RA0ANO	14445	85	50	107
UA9JMS	8736	78	0	112
RA9XF	4160	41	39	52

<b>Kazakhstan</b>				
UP5P				
(op UN5PR)	903536	856	660	596

<b>St. Kitts &amp; Nevis</b>				
V47GU	636116	730	1152	338

<b>Canada</b>				
VE2AXO	32704	109	183	112
VE5CPU	72488	303	230	136
VE5SF	27140	187	108	92
VE6CKG	18644	129	107	79
VE7IN	5586	78	20	57
VE9WH	30562	198	61	118

<b>United States of America</b>				
W1ZT	699078	795	944	402
K1RO	71073	242	235	149
N1MGO	15960	112	173	56
W3GG	35624	194	50	146
W3FQE	1064	28	0	38
K4GMH	435686	637	580	358
WB2UEF/4	148764	348	240	253
W4GKM	124773	407	190	209
W4LC	76773	226	263	157
K4NR	960	24	0	40
AC5SU	52593	190	183	141
KJ5SF	24396	104	110	114
NN6XX	34100	194	116	110
KF6BIR/6	12740	172	10	70
WA6BOB	3225	75	0	43
N2ALE/6	247	13	0	19
W7WW	125250	403	347	167
KE7AJ	96915	497	0	195
K7RFM	54800	240	160	137
K7WM	26602	140	143	94
W7DPW	17024	124	100	76
WA8RPK	57672	297	59	162
WA9ALS	64480	202	294	130
W9ILY	29512	128	120	119
K9BJM	7189	91	0	79
W9ISC	2937	79	10	33
W2JGR/Ø	39438	213	100	126
WØHW	28656	199	0	144
KAØWB	9559	102	19	79

<b>Indonesia</b>				
YB5QZ	146556	215	316	276
YB3ZES	50	5	0	10

<b>El Salvador</b>				
YS1RR	65676	301	120	156

<b>New Zealand</b>				
ZM2JON	13833	70	89	87

### Multi Operator Europe

<b>Germany</b>				
DKØIU E34	184052	307	210	356
DN1JC	125460	299	70	340
DL1ARJ X28	121362	319	20	358
DLØXM S41	96822	247	50	326
DL3XM	7215	55	10	111

<b>Guernsey</b>				
GUØAZT	681636	781	540	516

<b>Norway</b>				
LA1K	24990	170	0	147

<b>Lithuania</b>				
LY8X	875271	847	634	591

<b>Netherlands</b>				
PI4EUR	136740	345	85	318

<b>Poland</b>				
SN1I	408289	509	290	511
SP1PLA	104130	230	160	267

<b>Bosnia</b>				
T91E2C	59540	229	0	260

<b>European Russia</b>				
RK6AYN	207870	523	10	390
RK3RWL	33319	143	0	233

<b>Ukraine</b>				
UT7Z	1404803	1122	911	691
UR4EYN	9990	135	0	74

<b>Yugoslavia</b>				
YU7AL	477117	465	642	431
YU7AJM	29600	132	28	185

<b>Macedonia</b>				
Z3ØM	987572	1087	570	596

### Multi Operator Non-Europe

<b>Barbados</b>				
8P2K	264421	484	457	281

<b>Japan</b>				
JA9YBA	6150	47	76	50

<b>Asiatic Russia</b>				
RY9C	1813389	943	1886	641
RI9C	480500	743	218	500
RK9CZO	429726	521	601	383

<b>United States of America</b>				
N2WK	297843	420	671	273

### SWL Europe

<b>Germany</b>				
DE2EZF Y24	298080	591	99	432
DE1MSA X30	269568	530	94	432
DE3ASE X30	165073	374	57	383
DE4BWA A36	31785	151	44	163

<b>France</b>				
F-11676	8468	73	0	116

<b>Czech Republic</b>				
OK2-35255	178143	437	62	357
OK2-21478	152110	604	138	205

<b>Belgium</b>				
ONL383	227328	418	94	444

<b>Poland</b>				
SP4-208	60368	240	68	196

### SWL Non-Europe

<b>Indonesia</b>				
INS-99	2478	39	20	42

### Checklogs

Many thanks to the following stations for submitting checklogs: DJ9XB, DL4RCK, DL5NA, OK2BHD, PAØEHF, SP1MHV, SP2IU, SP3QDU, SP7ICE, SP8FUX

### Station Operators - Multi Operator Category

8P2K: 8P6SH 8P6FK 8P6EX. DKØIU: DJ4KW DK1IP DJ6TK. DLØXM: DL3XM DL5LYM. DL1ARJ: DL1ARJ DL2ARD. DL3XM: DL4LQM DN1WW. GUØAZT: GØAZT GUØSUP GU6EFB. JA9YBA: JFØEGG JR9QNJ JA9-3017. LY8X: LY1FF LY2BIL LY2BKF LY3NFW. N2WK: N2WK WA2MOP. RK3RWL: RK3RX R3R-22 R3R-300 R3r-33 R3R-40. RK6AYN: RN6BP RZ6AHE RV6ARU UA6AH RW6ACM. RK9CZO: RA9CDH RX9CAZ RV9CDW. RY9C: RW9CF UA9CR UA9CCA. SN1I: SP1MHV SP1-304-KO SP0-226-KO. SP1PLA: SQ1FTB SP1-22014. T91E2C: T94KM T94KT T92PTN. UT7Z: UR7ZZ UT4ZO UY3IM. YU7AJM: 4N7TA YT7XT 4N7NN Paulina. YU7AL: YZ7EM 4N7RGH YU7AL. Z3ØM: Z31GX Z31JA Z32PT Z32XX Z33ZOD.

### Contest echo

DJ3NG: TVI/BCI came out. A lot of QTCs and a neighbour is on the phone. So I lost a lot of points for peace and understanding in my home town... DJ7AA: Impossible to be better without a 10 meter antenna... DL4MFP: Had to attend a play at the theatre just when the band opened to USA... EI4DW: Received the software a few hours before the contest began. During the contest V47GU talked me through how to send QTCs... HA4YF: It seems WAEDC is one of the most friendly events... JA3EVZ: Enjoyed the QTC exchange... KIRO: My first RTTY contest in many years... K4NR: Passed a few QSOs... K7WM: Writelog is fantastic and really love the contest... KE7AJ (yl op): I wonder how many yl operators are out there, hi hi... KL9A: My first WAE RTTY. It was fun... LV5V: A big pardon to all stations I asked many times for QTCs. Next year with a list I will ask only once... OE1KTS: Living in downtown Vienna I have no good antenna for 80 meters... OH3NGB: The QTC part makes it very interesting... OK2PCL: Still a great contest... PY1KS: I like to receive QTCs... S53MJ: My first WAE - okay... SM6FUD: The WAE contests are really worth going for with the QTC system - I love them! SM6RSW: It was fun and I'll be back next year... SN1I: Not a bad score for using only a long wire antenna... UN5PR: Propagation not so good to north but EU was open good on high bands. First night strong wind broke my 10el log periodic and 3el quad... VE5CPU: The WAEDC triad is one of the most interesting contest events available today... W9ILY: Had trouble with RF in the shack... every time I keyed my rig my gas furnace burner would ignite... WA9ALS: Thank you for a fine contest... WB2UEF/4: Thanks for a fun contest! YO3JF: Great contest, as usual! Z3ØM: The goal was 1000 contacts and 1 Mega-points. We made more than 1000 QSOs but the QTC traffic must increase next year... ZM2JON: I actually like the QTC idea... ZW2A: WAEDC is my favourite RTTY competition. Enjoyed QTCs! Managed to beat my last year score...



◀ JF2FIU

▼ DKØIU (from left to right): DK1IP, DJ6TK, DL2HX and DJ4KW

