



41st European DX Contest (WAEDC) CW 1995

Herbert Ade-Thurrow, DL2DN

Many thanks to DF2UQ, DF9LB, DJ2BW, DJ8ET, DJ9MT, DK7YY, DK9IP, DL1IAO, DL3DXX, DL8CM and DL9SDD for their assistance checking the logs.

Continental Winners

Single Operator Category

| | |
|---------------|--------|
| Africa | 9Q2L |
| Asia | RZ9U |
| Europe | S5QA |
| North America | VP2MDE |
| Oceania | VK2APK |
| South America | LU5CBA |

Multi Operator Single TX Category

| | |
|---------------|-------|
| Asia | ZC4C |
| Europe | RU1A |
| North America | N3RD |
| South America | LU4FM |

SWL Category

| | |
|--------|--------------|
| Asia | UA9-154-2454 |
| Europe | LYR-794 |

Results

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

Single Operator Category Europe

| | | | | |
|---------|------|----|----|----|
| Croatia | | | | |
| 9A3ZG | 9545 | 96 | 19 | 83 |

Germany

| | | | | | |
|--------------------|--------|--------|------|------|-----|
| DL0WVV (op. DK3GI) | | | | | |
| F24 | 746070 | 830 | 1083 | 390 | |
| DL4NAC | F36 | 580812 | 599 | 1070 | 348 |
| DL6FBL | F36 | 551760 | 579 | 1093 | 330 |
| DL2NBU | F36 | 440174 | 516 | 851 | 322 |
| DK9IP | A24 | 383702 | 575 | 602 | 326 |
| DK8ZB | | 352832 | 600 | 584 | 298 |
| DL2ZAE | F70 | 275776 | 448 | 664 | 248 |
| DL5AWI | X11 | 221464 | 443 | 735 | 188 |
| DL6USB | Y24 | 167692 | 297 | 445 | 226 |
| DJ7MG | Z28 | 165222 | 327 | 495 | 201 |
| DK4RM | U23 | 153207 | 248 | 339 | 261 |
| DL5JQ | L21 | 138460 | 334 | 310 | 215 |
| DL1JF | M11 | 132281 | 266 | 473 | 179 |
| DL8DYL | S01 | 117180 | 203 | 448 | 180 |
| DJ9MT | M11 | 115364 | 201 | 403 | 191 |
| DL8UCC | Y24 | 112027 | 304 | 273 | 191 |
| DK3BN | H15 | 107548 | 229 | 439 | 161 |
| DK9ZQ | F36 | 104475 | 393 | 132 | 199 |
| DL2OBF | H15 | 104300 | 204 | 496 | 149 |
| DJ9RR | E03 | 98260 | 198 | 380 | 170 |
| DL2OAP | H15 | 89030 | 187 | 427 | 145 |
| DK5DQ | O32 | 83503 | 231 | 322 | 151 |
| DJ5GC | B13 | 76446 | 187 | 371 | 137 |
| DL7VOG | D26 | 75943 | 164 | 407 | 133 |
| DL2MDU | C06 | 68034 | 222 | 169 | 174 |
| DL5DAV | O32 | 65685 | 188 | 265 | 145 |

| | | | | | |
|---------------------|-------|-------|-----|-----|-----|
| DL6KVA | | 65124 | 159 | 327 | 134 |
| DF2IX | A24 | 61380 | 194 | 202 | 155 |
| DL7UTA | D26 | 58812 | 348 | 0 | 169 |
| DL5YAS | N34 | 53600 | 153 | 247 | 134 |
| DK4TB | C12 | 41888 | 177 | 131 | 136 |
| DL0HI (op. DL5ABI) | | | | | |
| H15 | 40936 | 143 | 201 | 119 | |
| DL3DTH | S07 | 38124 | 150 | 203 | 108 |
| DL0BO/A (op. DF2CH) | | | | | |
| O04 | 37720 | 154 | 174 | 115 | |
| DL2NY | N16 | 33984 | 132 | 156 | 118 |
| DL1EV | R04 | 29532 | 137 | 139 | 107 |
| DF1DT | O40 | 27063 | 124 | 155 | 97 |
| DK9NH | B15 | 26820 | 169 | 129 | 90 |
| DL0SE (op. DL1ECU) | | | | | |
| O32 | 26355 | 103 | 148 | 105 | |
| DL2RUG | Y09 | 20678 | 141 | 70 | 98 |
| DF3OL | H24 | 20592 | 143 | 0 | 144 |
| DL5GBG | A03 | 17034 | 89 | 245 | 51 |
| DL1DTL | S01 | 13888 | 124 | 0 | 112 |
| DL4YJT | S54 | 13650 | 195 | 0 | 70 |
| DL6RDE | U17 | 13398 | 94 | 80 | 77 |
| DK8IP | A24 | 13192 | 103 | 91 | 68 |
| DL8NAS | B13 | 13184 | 89 | 117 | 64 |
| DL5SVB | V18 | 11253 | 121 | 0 | 93 |
| DL7VOX | D27 | 10458 | 75 | 91 | 63 |
| DK7FP | L05 | 10058 | 68 | 146 | 47 |
| DK6HH | E31 | 7467 | 131 | 0 | 57 |
| DK5GD | A03 | 7384 | 75 | 67 | 52 |
| DL3KWR | V11 | 6732 | 80 | 19 | 68 |
| DJ3XK | E31 | 6138 | 63 | 30 | 66 |
| DJ7PR | P41 | 5980 | 43 | 72 | 52 |
| DL9FB | Y24 | 5170 | 94 | 0 | 55 |
| DA0CB (op. DL6UFB) | | | | | |
| Y24 | 5063 | 83 | 0 | 61 | |
| DL6UKL | Y24 | 4161 | 73 | 0 | 57 |
| DK5OS | R06 | 4104 | 44 | 10 | 76 |
| DJ4DX | | 3782 | 62 | 0 | 61 |
| DL3BQD | Y36 | 3648 | 64 | 0 | 57 |
| DA0WCR | XRAY | 3572 | 28 | 66 | 38 |
| DK7ZT | F15 | 3306 | 37 | 20 | 58 |
| DL2FAG | Z25 | 3102 | 47 | 0 | 66 |
| DL5AUJ | X22 | 2530 | 55 | 0 | 46 |
| DL4FDM | F02 | 2132 | 33 | 19 | 41 |
| DL5AMF | X22 | 1980 | 36 | 0 | 55 |
| DK7HA | E02 | 1914 | 44 | 43 | 22 |
| DL6UAM | Y24 | 1505 | 43 | 0 | 35 |
| DL1HZ | R04 | 1470 | 42 | 0 | 35 |
| DL3BRA | Y16 | 1204 | 43 | 0 | 28 |
| DL8FP | Z19 | 1088 | 32 | 0 | 34 |
| DL9OT | A24 | 855 | 19 | 0 | 45 |
| DJ2YE | N18 | 775 | 31 | 0 | 25 |
| DF2HL | E25 | 760 | 20 | 0 | 38 |
| DL2HUM | W25 | 660 | 33 | 0 | 20 |
| DJ2HE | R09 | 540 | 20 | 0 | 27 |
| DL2DRZ | | 330 | 15 | 0 | 22 |
| DA0ROW (op. DL8BCS) | | | | | |
| I19 | 40 | 5 | 0 | 8 | |

Spain

| | | | | |
|--------|-------|-----|---|-----|
| EA3ALV | 20868 | 148 | 0 | 141 |
|--------|-------|-----|---|-----|

| | | | | |
|-------|------|----|----|----|
| EA7CA | 3384 | 45 | 27 | 47 |
| EA2CR | 620 | 21 | 10 | 20 |

Balearic Islands

| | | | | |
|-------|-----|----|---|----|
| EA6ZS | 506 | 23 | 0 | 22 |
|-------|-----|----|---|----|

Eire

| | | | | |
|------------|-------|-----|-----|----|
| EI/DK3YD/P | 13511 | 100 | 129 | 59 |
|------------|-------|-----|-----|----|

Estonia

| | | | | |
|-------|-------|-----|---|-----|
| ES4MM | 22914 | 134 | 0 | 171 |
|-------|-------|-----|---|-----|

France

| | | | | |
|---------|-------|-----|-----|-----|
| F5JBR | 24012 | 149 | 112 | 92 |
| F/DL8FR | 22656 | 155 | 37 | 118 |
| F5TNI | 3744 | 52 | 0 | 72 |

England

| | | | | |
|-------|-------|-----|-----|-----|
| G5LP | 73568 | 130 | 354 | 152 |
| G3ESF | 39058 | 169 | 162 | 118 |
| G0LII | 26160 | 116 | 211 | 80 |
| G5MY | 15222 | 118 | 0 | 129 |
| G6QQ | 12505 | 90 | 115 | 61 |

Scotland

| | | | | |
|------------|-----|----|---|----|
| GMPA0INA/P | 300 | 25 | 0 | 12 |
|------------|-----|----|---|----|

Hungary

| | | | | |
|--------|------|----|---|----|
| HA8LUH | 8245 | 97 | 0 | 85 |
|--------|------|----|---|----|

Liechtenstein

| | | | | |
|-------------|-------|-----|----|----|
| HB0/DJ9CB/P | 19667 | 201 | 76 | 71 |
|-------------|-------|-----|----|----|

Switzerland

| | | | | |
|--------|-------|----|---|-----|
| HB9DX | 10140 | 65 | 0 | 156 |
| HB9AFH | 1476 | 41 | 0 | 36 |

Italy

| | | | | |
|----------|--------|-----|------|-----|
| IR2W | 482922 | 724 | 1058 | 271 |
| I3FDZ | 159029 | 324 | 617 | 169 |
| I0ZUT | 40716 | 225 | 126 | 116 |
| IK5TSS | 35845 | 123 | 212 | 107 |
| IK0CNA | 3267 | 66 | 55 | 27 |
| IK3SCB | 1640 | 41 | 0 | 40 |
| IK5TBK | 1377 | 34 | 17 | 27 |
| IK5RLS/2 | 598 | 23 | 0 | 26 |

Norway

| | | | | |
|-------|-----|----|---|----|
| LA3UG | 154 | 14 | 0 | 11 |
|-------|-----|----|---|----|

Lithuania

| | | | | |
|-----------------|--------|-----|-----|-----|
| HB0 (op. LY1DS) | | | | |
| 413820 | 488 | 826 | 330 | |
| LY2MW | 231168 | 284 | 619 | 256 |
| LY9SDR | 187575 | 275 | 640 | 205 |
| LY2OX | 108936 | 209 | 403 | 178 |
| LY2DX | 31096 | 124 | 175 | 104 |
| LY9KM | 16560 | 94 | 90 | 90 |
| LY95OU | 14337 | 145 | 32 | 81 |
| LY2BB | 2628 | 73 | 0 | 36 |
| LY95BY | 1092 | 39 | 0 | 28 |

WAEDC CW 1995

Top Scores

| Call | Score | QSOs | | | | | QTCs | | | | | Multipliers | | | | |
|--------------------------------|---------|------|-----|-----|-----|----|------|------|-----|-----|-----|-------------|-----|-----|--|--|
| | | 80 | 40 | 20 | 15 | 10 | all | 80 | 40 | 20 | 15 | 10 | all | | | |
| Top Ten Single Operator | | | | | | | | | | | | | | | | |
| Europe | | | | | | | | | | | | | | | | |
| SS0A | 824882 | 56 | 349 | 373 | 73 | 8 | 859 | 1278 | 88 | 126 | 94 | 62 | 16 | 386 | | |
| DL0WW (op.DK3GJ) | 746070 | 101 | 244 | 427 | 52 | 6 | 830 | 1083 | 84 | 144 | 96 | 54 | 12 | 390 | | |
| S59AA | 666468 | 60 | 200 | 371 | 67 | 7 | 705 | 1131 | 84 | 105 | 100 | 62 | 12 | 363 | | |
| DL4NAC | 580812 | 39 | 231 | 277 | 45 | 7 | 599 | 1070 | 68 | 120 | 98 | 50 | 12 | 348 | | |
| DL6FBL | 551760 | 44 | 149 | 336 | 47 | 3 | 579 | 1093 | 72 | 114 | 94 | 44 | 6 | 330 | | |
| SP5CJQ | 491232 | 61 | 161 | 227 | 60 | 5 | 514 | 914 | 88 | 102 | 84 | 62 | 8 | 344 | | |
| IR2W | 482922 | 49 | 237 | 391 | 45 | 2 | 724 | 1058 | 72 | 81 | 70 | 44 | 4 | 271 | | |
| DL2NBU | 440174 | 26 | 205 | 236 | 44 | 5 | 516 | 851 | 60 | 114 | 90 | 48 | 10 | 322 | | |
| 4N0AV | 439749 | 40 | 270 | 338 | 42 | 3 | 693 | 954 | 44 | 87 | 82 | 48 | 6 | 267 | | |
| OM3PC | 434042 | 47 | 201 | 345 | 29 | 0 | 622 | 820 | 72 | 99 | 94 | 36 | 0 | 301 | | |
| Non-Europe | | | | | | | | | | | | | | | | |
| VP2MDE | 1419268 | 123 | 596 | 707 | 338 | 19 | 1783 | 1783 | 104 | 120 | 92 | 72 | 10 | 398 | | |
| RZ9U | 1307293 | 213 | 373 | 690 | 194 | 9 | 1479 | 1472 | 148 | 123 | 92 | 72 | 8 | 443 | | |
| FX8W | 1113778 | 169 | 414 | 749 | 209 | 7 | 1548 | 1438 | 108 | 111 | 88 | 60 | 6 | 373 | | |
| KE2PF | 968760 | 194 | 446 | 752 | 12 | 0 | 1404 | 1404 | 120 | 117 | 90 | 18 | 0 | 345 | | |
| 9Q2L | 889584 | 147 | 422 | 490 | 416 | 0 | 1475 | 1111 | 96 | 102 | 78 | 68 | 0 | 344 | | |
| K1JKS | 842490 | 153 | 351 | 669 | 105 | 0 | 1278 | 1275 | 104 | 114 | 78 | 34 | 0 | 330 | | |
| JH5FXP | 590750 | 90 | 296 | 650 | 53 | 1 | 1090 | 1035 | 72 | 90 | 80 | 34 | 2 | 278 | | |
| EA1AK/EA8 | 581100 | 54 | 167 | 402 | 205 | 67 | 895 | 893 | 64 | 93 | 74 | 60 | 34 | 325 | | |
| K1IU | 475785 | 169 | 227 | 438 | 4 | 0 | 838 | 797 | 108 | 99 | 78 | 6 | 0 | 291 | | |
| K2LE | 456704 | 57 | 331 | 476 | 28 | 0 | 892 | 892 | 60 | 108 | 74 | 14 | 0 | 256 | | |

Top Six Multi Operator Single TX

| | | | | | | | | | | | | | | |
|-------------------|---------|-----|-----|-----|-----|----|------|------|-----|-----|-----|----|----|-----|
| Europe | | | | | | | | | | | | | | |
| RU1A | 1147936 | 70 | 222 | 536 | 68 | 11 | 907 | 1567 | 108 | 150 | 112 | 78 | 16 | 464 |
| DK2OY | 833064 | 58 | 298 | 338 | 61 | 11 | 766 | 1256 | 76 | 120 | 122 | 74 | 20 | 412 |
| LY2WW | 642943 | 58 | 97 | 353 | 37 | 6 | 551 | 1182 | 84 | 117 | 110 | 48 | 12 | 371 |
| LY7A | 550033 | 48 | 212 | 334 | 55 | 3 | 652 | 961 | 76 | 123 | 80 | 56 | 6 | 341 |
| RU6LWZ | 329308 | 46 | 180 | 319 | 61 | 10 | 616 | 905 | 64 | 126 | 98 | 50 | 10 | 348 |
| Non-Europe | | | | | | | | | | | | | | |
| ZC4C | 2489590 | 526 | 733 | 932 | 541 | 31 | 2763 | 2534 | 148 | 120 | 88 | 82 | 32 | 470 |
| RK9XVH | 1224782 | 234 | 554 | 558 | 83 | 2 | 1431 | 1340 | 172 | 132 | 94 | 40 | 4 | 442 |
| RK9CWW | 1106826 | 256 | 388 | 695 | 72 | 3 | 1414 | 1360 | 144 | 123 | 84 | 44 | 4 | 399 |
| N3RD | 1090800 | 156 | 505 | 777 | 79 | 0 | 1517 | 1513 | 112 | 114 | 90 | 44 | 0 | 360 |
| K5NA | 959102 | 173 | 474 | 739 | 37 | 0 | 1423 | 1423 | 104 | 117 | 86 | 30 | 0 | 337 |
| RK9AWN | 897152 | 249 | 365 | 642 | 45 | 3 | 1304 | 1304 | 136 | 108 | 76 | 22 | 2 | 344 |

SWL Category

| | | | | | | | | | | | | | | |
|-------------------|--------|-----|-----|-----|----|---|-----|-----|-----|-----|-----|----|---|-----|
| Europe | | | | | | | | | | | | | | |
| LYR-794 | 486024 | 104 | 152 | 280 | 38 | 4 | 578 | 474 | 144 | 138 | 120 | 52 | 8 | 462 |
| Non-Europe | | | | | | | | | | | | | | |
| UA9-154-2454 | 350175 | 60 | 134 | 210 | 32 | 0 | 436 | 289 | 132 | 165 | 142 | 44 | 0 | 483 |

Bulgaria

LZ7M (op. LZ4AX)

| | 269445 | 366 | 699 | 253 |
|-------|--------|-----|-----|-----|
| LZ21L | 21490 | 112 | 195 | 70 |
| LZ2CS | 19980 | 105 | 117 | 90 |
| LZ2AU | 14499 | 179 | 0 | 81 |
| LZ2FM | 10653 | 68 | 91 | 67 |
| LZ1IA | 9638 | 88 | 34 | 79 |
| LZ1QZ | 6726 | 75 | 39 | 59 |
| LZ1NJ | 3224 | 62 | 0 | 52 |
| LZ1FJ | 324 | 18 | 0 | 18 |
| LZ1BJ | 16 | 8 | 0 | 2 |

| | | | | | | | | | |
|-----------------------|--------|-----|-----|-----|---------|-------|-----|-----|-----|
| OH2BPI | 11544 | 111 | 0 | 104 | OK2EC | 50435 | 174 | 211 | 131 |
| OH6RC | 7625 | 67 | 58 | 61 | OK1BA | 35520 | 198 | 122 | 111 |
| OH2PM | 5865 | 55 | 30 | 69 | OK1MGW | 34776 | 190 | 62 | 138 |
| OH3NM | 450 | 25 | 0 | 18 | OL3Z | 27720 | 137 | 115 | 110 |
| OH9PF | 280 | 19 | 9 | 10 | OK1AXB | 16160 | 110 | 92 | 80 |
| | | | | | OK1KZ | 13299 | 143 | 0 | 93 |
| | | | | | OK1MNV | 12702 | 103 | 43 | 87 |
| Czech Republic | | | | | OK2BWJ | 6060 | 70 | 31 | 60 |
| OK2FD | 170400 | 268 | 532 | 213 | OK1DMS | 4335 | 85 | 0 | 51 |
| OK1DIG | 133755 | 346 | 377 | 185 | OK2BGR | 3154 | 73 | 10 | 38 |
| OK1MD | 129192 | 302 | 467 | 168 | OK1DOSA | 2958 | 51 | 0 | 58 |
| OK1VD | 109824 | 241 | 463 | 156 | OK1DJA | 1672 | 33 | 11 | 38 |
| OK2RU | 104220 | 224 | 355 | 180 | OL5PLZ | 736 | 46 | 0 | 16 |
| OL4M | 97588 | 232 | 555 | 124 | OK1JDI | 702 | 26 | 0 | 27 |
| OK2BDI | 71780 | 229 | 256 | 148 | OK2SWD | 252 | 18 | 0 | 14 |
| OK1EP | 54000 | 180 | 220 | 135 | | | | | |

Finland

| | | | | |
|--------|--------|-----|-----|-----|
| OH8LAE | 164528 | 284 | 507 | 208 |
|--------|--------|-----|-----|-----|

| | | | | | | | | | | | | | | |
|--------------------|---------------|------------|-------------|------------|------------------------|---------------|-------------|-------------|------------|-----------------------|---------------|-------------|-------------|------------|
| Slovakia | | | | | European Russia | | | | | Canary Islands | | | | |
| OM3PC | 434042 | 622 | 820 | 301 | UA4WGU | 306762 | 344 | 845 | 258 | EA1AK/EA8 | 581100 | 895 | 893 | 325 |
| OM8ON | 79800 | 201 | 324 | 152 | UA1OMS | 77973 | 157 | 396 | 141 | EA88IE | 30616 | 178 | 0 | 172 |
| OM5KM | 12600 | 73 | 137 | 60 | RA6LW | 68112 | 177 | 296 | 144 | | | | | |
| OM3IF | 3648 | 76 | 0 | 48 | UA6BAD | 44660 | 166 | 153 | 140 | Martinique | | | | |
| OM6TX | 2812 | 76 | 0 | 37 | UA6LAM | 8463 | 45 | 172 | 39 | FM5CW | 58240 | 280 | 240 | 112 |
| | | | | | UA3UCD | 4171 | 58 | 39 | 43 | | | | | |
| Belgium | | | | | RX3AGQ | 1855 | 53 | 0 | 35 | Haiti | | | | |
| ON4XG | 7313 | 83 | 20 | 71 | RA3XO | 1596 | 23 | 15 | 42 | SB4ADA/HH2 | 34133 | 163 | 156 | 107 |
| ON5WL | 3900 | 78 | 0 | 50 | UA4AO | 1330 | 38 | 0 | 35 | | | | | |
| | | | | | RA3VY | 976 | 21 | 40 | 16 | Panama | | | | |
| Denmark | | | | | | | | | | HP1AC | 5655 | 52 | 35 | 65 |
| OZ1KHZ | 6174 | 40 | 107 | 42 | Ukraine | | | | | Japan | | | | |
| OZ4FF | 2848 | 26 | 63 | 32 | UT4UZ | 291896 | 388 | 789 | 248 | JH5FXP | 590750 | 1090 | 1035 | 278 |
| OZ4CHR | 432 | 17 | 10 | 16 | UR5EAT | 172380 | 318 | 566 | 195 | JH7WKQ | 238518 | 631 | 631 | 189 |
| | | | | | UYØZG | 72163 | 219 | 208 | 169 | JA9CWJ | 105336 | 399 | 399 | 132 |
| Netherlands | | | | | UZ2JZ | 51181 | 112 | 291 | 127 | JG3KIV | 62400 | 401 | 399 | 78 |
| PA3ERC | 92304 | 307 | 334 | 144 | UY5TE | 48048 | 155 | 274 | 112 | JH3AIU | 35910 | 258 | 255 | 70 |
| PAØLOU | 26670 | 145 | 65 | 127 | UR3MP | 37430 | 136 | 258 | 95 | JH4RFH | 35032 | 304 | 300 | 58 |
| PAØRCT | 3813 | 123 | 0 | 31 | UT7ZT | 26565 | 150 | 81 | 115 | JA5APU | 34587 | 279 | 270 | 63 |
| PA3GNO | 3648 | 57 | 0 | 64 | UR3PDM | 12238 | 100 | 111 | 58 | JR4PMX/1 | 29876 | 196 | 192 | 77 |
| PAØYN | 2054 | 44 | 35 | 26 | UT1ZZ | 5360 | 67 | 0 | 80 | IR4GPA | 24640 | 220 | 220 | 56 |
| | | | | | UX5VK | 4752 | 88 | 0 | 54 | JH4NMT | 18200 | 176 | 174 | 52 |
| | | | | | UX3ZBG | 644 | 23 | 0 | 28 | JA1AYC | 10272 | 107 | 107 | 48 |
| Slovenia | | | | | Byelorussia | | | | | JH3JYS | 4949 | 51 | 50 | 49 |
| S5ØA | 824882 | 859 | 1278 | 386 | ER1OA | 59901 | 197 | 290 | 123 | JHØGHZ | 4692 | 73 | 65 | 34 |
| S59AA | 666468 | 705 | 1131 | 363 | | | | | | JA3ARM | 4536 | 65 | 61 | 36 |
| S5ØD (op. S57AD) | 361250 | 489 | 761 | 289 | Latvia | | | | | JG3EHD | 2496 | 51 | 45 | 26 |
| S54A | 77770 | 187 | 318 | 154 | YL2KL | 52574 | 186 | 356 | 97 | JG2LGM | 2072 | 39 | 35 | 28 |
| S57W | 24384 | 112 | 142 | 96 | YL3FW | 36936 | 147 | 177 | 114 | JG5OYU | 1496 | 35 | 33 | 22 |
| S51EA | 22113 | 111 | 162 | 81 | YL2EC | 9010 | 86 | 20 | 85 | JA3BCT | 1344 | 35 | 13 | 28 |
| S59L | 16490 | 140 | 30 | 97 | | | | | | JA3EEM | 1144 | 24 | 20 | 26 |
| S51MF | 12519 | 117 | 0 | 107 | Romania | | | | | JK2VOC | 990 | 25 | 20 | 22 |
| | | | | | YOØFR | 21894 | 178 | 0 | 123 | JA1BUI | 759 | 23 | 0 | 33 |
| | | | | | YO2QY | 7380 | 90 | 0 | 82 | JF1SQC | 440 | 20 | 0 | 22 |
| | | | | | YO2ARV | 6138 | 99 | 0 | 62 | 7M2JTT | 432 | 18 | 0 | 24 |
| | | | | | | | | | | JH1PXY | 256 | 12 | 4 | 16 |
| | | | | | | | | | | JA1AAT | 56 | 7 | 0 | 8 |
| | | | | | | | | | | JA3HPD | 32 | 4 | 0 | 8 |
| Sweden | | | | | Yugoslavia | | | | | Alaska | | | | |
| SMØTGG | 2356 | 62 | 0 | 38 | 4NØAV | 439749 | 693 | 954 | 267 | KL7HF | 26280 | 228 | 210 | 60 |
| SM3CVM | 1914 | 57 | 9 | 29 | YT1AD | 384769 | 670 | 793 | 263 | | | | | |
| | | | | | YU5ØBO | 41031 | 149 | 274 | 97 | Argentina | | | | |
| | | | | | YU75F | 14475 | 98 | 95 | 75 | LU5CBA | 73500 | 267 | 258 | 140 |
| | | | | | | | | | | LU1EWL | 70785 | 255 | 240 | 143 |
| | | | | | | | | | | LW2DFM | 15792 | 168 | 0 | 94 |
| Poland | | | | | Macedonia | | | | | Greenland | | | | |
| SP5CJQ | 491232 | 514 | 914 | 344 | Z32JA | 17385 | 143 | 40 | 95 | OX3KV | 264 | 24 | 0 | 11 |
| SP7GIQ | 409772 | 753 | 776 | 268 | Z32KV | 1092 | 42 | 0 | 26 | | | | | |
| SP5CTY | 117660 | 292 | 263 | 212 | Non-Europe | | | | | Brazil | | | | |
| SP1AEN | 50288 | 159 | 290 | 112 | Israel | | | | | PP7CW | 17098 | 104 | 102 | 83 |
| SP7NMW | 40040 | 130 | 486 | 65 | 4Z4TA | 87325 | 250 | 249 | 175 | PW2N | 12462 | 101 | 100 | 62 |
| SP6DJE | 39780 | 137 | 373 | 78 | 4Z5FW | 9936 | 207 | 0 | 48 | PT2AW | 7560 | 73 | 67 | 54 |
| SP5DIR | 17290 | 130 | 0 | 133 | Cyprus | | | | | PY1AJK | 5562 | 53 | 50 | 54 |
| SP1MHV | 8740 | 95 | 0 | 92 | 5B4WN | 335355 | 638 | 547 | 283 | PY1CCO | 1071 | 31 | 20 | 21 |
| SP2JGK | 7992 | 111 | 0 | 72 | Nigeria | | | | | PY2APQ | 990 | 28 | 5 | 30 |
| SP5GH | 7560 | 60 | 0 | 126 | 5N3/SP5XAR | 60243 | 275 | 192 | 129 | PY2OU | 280 | 12 | 8 | 14 |
| SP3GTS | 5248 | 54 | 10 | 82 | Zaire | | | | | ZW2Z | 210 | 12 | 9 | 10 |
| SP8BAB | 5050 | 101 | 0 | 50 | 9Q2L | 889584 | 1475 | 1111 | 344 | Asiatic Turkey | | | | |
| SP5MBA | 4532 | 59 | 44 | 44 | Bahamas | | | | | TA2ZW | 312768 | 724 | 724 | 216 |
| SP8FHJ | 3696 | 66 | 11 | 48 | KC9N/C6A | 6968 | 104 | 0 | 67 | Costa Rica | | | | |
| SP5CEQ | 3366 | 66 | 0 | 51 | Chile | | | | | TE5T | 37968 | 169 | 167 | 113 |
| SP2DKI | 2806 | 61 | 0 | 46 | CE3BFZ | 35280 | 164 | 130 | 120 | | | | | |
| SP5XOG | 2580 | 60 | 0 | 43 | | | | | | | | | | |
| SP3FLR | 868 | 31 | 0 | 28 | | | | | | | | | | |
| SP9MDY | 768 | 32 | 0 | 24 | | | | | | | | | | |
| SP9ZAA/3 | 360 | 20 | 0 | 18 | | | | | | | | | | |
| SP9EMV | 330 | 30 | 0 | 11 | | | | | | | | | | |
| SO5TW/4 | 240 | 15 | 0 | 16 | | | | | | | | | | |
| SP3LPR | 135 | 5 | 10 | 9 | | | | | | | | | | |
| SP9PEY | 84 | 4 | 10 | 6 | | | | | | | | | | |
| SP9DH/9 | 2 | 1 | 0 | 2 | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Crete | | | | | | | | | | | | | | |
| SV9(D)4LK | 3009 | 59 | 0 | 51 | | | | | | | | | | |

| | | | | |
|-----------------------|---------|------|------|-----|
| Asiatic Russia | | | | |
| RZ9U | 1307293 | 1479 | 1472 | 443 |
| RA9DZ | 424576 | 856 | 856 | 248 |
| RV9XF | 402864 | 763 | 763 | 264 |
| RV9WB | 313596 | 562 | 562 | 279 |
| UA9MX | 87725 | 307 | 298 | 145 |
| UA9CNV | 86856 | 334 | 324 | 132 |
| UA9XC | 22200 | 224 | 220 | 50 |
| UA9CIR | 10560 | 120 | 100 | 48 |
| UAØYAY | 8232 | 102 | 94 | 42 |
| UA9KZ | 5940 | 99 | 0 | 60 |

| | | | | |
|-------------------|--------|-----|-----|-----|
| Kazakhstan | | | | |
| UN7BY | 293088 | 571 | 565 | 258 |

| | | | | |
|----------------|---------|------|------|-----|
| Kirghiz | | | | |
| EX8W | 1113778 | 1548 | 1438 | 373 |

| | | | | |
|---------------|-------|-----|-----|----|
| Canada | | | | |
| VE3KZ | 26164 | 212 | 210 | 62 |
| VE7SBO | 24300 | 150 | 150 | 81 |
| XJ2AWR | 23496 | 132 | 132 | 89 |
| VE3CWE | 7791 | 74 | 73 | 53 |
| VE5SF | 1472 | 24 | 22 | 32 |

| | | | | |
|------------------|--------|-----|-----|-----|
| Australia | | | | |
| VK2APK | 133902 | 387 | 387 | 173 |
| VITFF | 96 | 8 | 0 | 12 |
| VK4TT | 80 | 8 | 0 | 10 |

| | | | | |
|-------------------|---------|------|------|-----|
| Montserrat | | | | |
| VP2MDE | 1419268 | 1783 | 1783 | 398 |

| | | | | |
|------------------|-------|-----|-----|-----|
| Hong Kong | | | | |
| V56BG | 88296 | 286 | 280 | 156 |

| | | | | |
|----------------------|--------|------|------|-----|
| United States | | | | |
| KE2PF | 968760 | 1404 | 1404 | 345 |
| K1JKS | 842490 | 1278 | 1275 | 330 |
| K1IU | 475785 | 838 | 797 | 291 |
| K2LE | 456704 | 892 | 892 | 256 |
| W2LUP | 336385 | 687 | 686 | 245 |
| K5ZD | 314395 | 568 | 567 | 277 |
| W2AX | 249912 | 537 | 531 | 234 |
| K4PQL | 211958 | 809 | 0 | 262 |
| K2SX/1 | 206960 | 499 | 496 | 208 |
| K3VWV | 171392 | 414 | 410 | 208 |
| KA1DWX | 147356 | 377 | 371 | 197 |
| KC1F | 142614 | 417 | 417 | 171 |
| W9RE | 138942 | 419 | 418 | 166 |
| W3HVQ | 88637 | 294 | 293 | 151 |
| WA2WYR | 84480 | 265 | 263 | 160 |
| WZ8A | 68637 | 251 | 250 | 137 |
| AA2GS | 50485 | 221 | 218 | 115 |
| W3BGN | 47388 | 180 | 179 | 132 |
| K4BAI | 41529 | 191 | 190 | 109 |
| N6ZZ | 30624 | 174 | 174 | 88 |
| KJ9C | 26250 | 128 | 122 | 105 |
| K2ONP | 12810 | 92 | 91 | 70 |
| W5KI | 12075 | 82 | 79 | 75 |
| K8CV | 7228 | 70 | 69 | 52 |
| K4FW | 4524 | 48 | 39 | 52 |
| W6BIP | 3952 | 52 | 52 | 38 |
| N8LM | 2814 | 49 | 18 | 42 |

| | | | | |
|------------------|-------|-----|-----|-----|
| Venezuela | | | | |
| YV1OB | 36195 | 146 | 139 | 127 |

| | | | | |
|--------------------|-------|-----|-----|----|
| New Zealand | | | | |
| ZL1AIZ | 21185 | 114 | 109 | 95 |

| | | | | |
|--------------------------|-------|-----|-----|-----|
| Rep. South Africa | | | | |
| ZS6CAX | 76350 | 257 | 252 | 150 |
| ZS6AJS | 5780 | 85 | 0 | 68 |

Multi Operator Single Transmitter

| | | | | | |
|----------------|-----|--------|-----|------|-----|
| Europe | | | | | |
| Germany | | | | | |
| DK2OY | M15 | 833064 | 766 | 1256 | 412 |
| DLØWAE | N07 | 409428 | 702 | 636 | 306 |
| DFØWA | T01 | 311416 | 406 | 756 | 268 |
| DJ9MH | B10 | 238544 | 448 | 429 | 272 |
| DLBQS | I45 | 221760 | 311 | 529 | 264 |
| DAØSAX | P51 | 162092 | 291 | 536 | 196 |
| DKØUB | O35 | 111400 | 363 | 194 | 200 |
| DAØIU | H03 | 105161 | 211 | 370 | 181 |
| DL6NCY | B07 | 57531 | 165 | 216 | 151 |
| DL5JAN | S53 | 43780 | 164 | 234 | 110 |
| DLØBVB | O52 | 36465 | 200 | 55 | 143 |
| DJ7LH | T01 | 25515 | 107 | 208 | 81 |
| DL8YR | G01 | 11460 | 73 | 118 | 60 |
| DL8BDC | I39 | 10780 | 67 | 87 | 70 |
| DLØBU | T01 | 528 | 23 | 21 | 12 |
| DLØCT | I45 | 525 | 15 | 0 | 35 |
| DLØLU | T01 | 240 | 14 | 10 | 10 |
| DFØEL | T01 | 192 | 11 | 13 | 8 |
| DFØSI | T01 | 26 | 7 | 6 | 2 |

| | | | | | |
|----------------|--|--------|-----|-----|-----|
| Hungary | | | | | |
| HA8KVK | | 288311 | 461 | 798 | 229 |
| HA5KBM | | 275405 | 572 | 663 | 223 |

| | | | | | |
|--------------|--|--------|-----|-----|-----|
| Italy | | | | | |
| I12K | | 356967 | 743 | 726 | 243 |

| | | | | | |
|------------------|--|--------|-----|------|-----|
| Lithuania | | | | | |
| LY2WW | | 642943 | 551 | 1182 | 371 |
| LY7A | | 550033 | 652 | 961 | 341 |
| LY3MR | | 212025 | 301 | 524 | 257 |

| | | | | | |
|-----------------------|--|------|----|---|----|
| Czech Republic | | | | | |
| OK1KCF | | 3588 | 78 | 0 | 46 |

| | | | | | |
|-----------------|--|-------|-----|-----|-----|
| Slovakia | | | | | |
| OM2I | | 99840 | 325 | 443 | 130 |

| | | | | | |
|---------------|--|------|----|----|----|
| Poland | | | | | |
| SP9KRT | | 1560 | 32 | 33 | 24 |
| SP3KPN | | 323 | 17 | 0 | 19 |

| | | | | | |
|---------------|--|---------|-----|------|-----|
| Russia | | | | | |
| RU1A | | 1147936 | 907 | 1567 | 464 |
| RU6LWZ | | 536096 | 618 | 905 | 352 |

| | | | | | |
|----------------|--|--------|-----|------|-----|
| Ukraine | | | | | |
| UU5J | | 815733 | 758 | 1339 | 389 |
| EM7Q | | 208902 | 354 | 587 | 222 |

| | | | | | |
|-------------------|--|-------|-----|-----|-----|
| Yugoslavia | | | | | |
| YU7AL | | 76982 | 162 | 469 | 122 |

Non-Europe

| | | | | | |
|--------------|--|--------|------|------|-----|
| Japan | | | | | |
| JA5BJC | | 535755 | 1063 | 1038 | 255 |
| JH5ZCP | | 461274 | 965 | 949 | 241 |

| | | | | | |
|------------------|--|--------|------|------|-----|
| Argentina | | | | | |
| LU4FM | | 824852 | 1286 | 1206 | 331 |

| | | | | | |
|-----------------------|--|---------|------|------|-----|
| Asiatic Russia | | | | | |
| RK9XWH | | 1262352 | 1432 | 1424 | 442 |
| RK9CWW | | 1106826 | 1414 | 1360 | 399 |
| RK9AWN | | 897152 | 1304 | 1304 | 344 |

| | | | | | |
|----------------------|--|---------|------|------|-----|
| United States | | | | | |
| N3RD | | 1090800 | 1517 | 1513 | 360 |
| K5NA | | 959102 | 1423 | 1423 | 337 |
| WB2R | | 546795 | 1049 | 1046 | 261 |
| N3BNA | | 386314 | 831 | 827 | 233 |

| | | | | | |
|---------------|--|---------|------|------|-----|
| Cyprus | | | | | |
| ZC4C | | 2489590 | 2763 | 2534 | 470 |

SWL Category

| | | | | | |
|---------------|--|-------|-----|----|-----|
| Europe | | | | | |
| France | | | | | |
| F-10046 | | 83571 | 268 | 45 | 267 |

| | | | | | |
|------------------|--|--------|-----|-----|-----|
| Lithuania | | | | | |
| LYR-794 | | 486024 | 578 | 474 | 462 |

| | | | | | |
|-----------------------|--|-------|-----|-----|-----|
| Czech Republic | | | | | |
| OK2-9329 | | 37500 | 158 | 142 | 125 |

| | | | | | |
|----------------|--|--------|-----|-----|-----|
| Belgium | | | | | |
| ONL383 | | 103950 | 258 | 120 | 275 |

| | | | | | |
|---------------|--------|-----|-----|-----|--|
| Russia | | | | | |
| UA3-155-28 | 185468 | 466 | 0 | 398 | |
| UA1-143-1 | 158766 | 283 | 280 | 282 | |

| | | | | | |
|----------------|--|--------|-----|-----|-----|
| Ukraine | | | | | |
| US-I-700 | | 218136 | 334 | 398 | 298 |

Non-Europe

| | | | | | |
|-----------------------|--|--------|-----|-----|-----|
| Asiatic Russia | | | | | |
| UA9-154-2454 | | 350175 | 436 | 289 | 483 |
| UA9-154-800 | | 264410 | 318 | 367 | 386 |
| UA9-154-1171 | | 6790 | 44 | 26 | 97 |
| UA9-154-2386 | | 1280 | 20 | 0 | 64 |

Checklogs

Many thanks to the following stations for submitting checklogs: DL5DWW, DL7VMM, DL6KWU, DJØSH, DL1VDL, DL3ARX, DL2DWA, DL1DWT, DL7VAF, DL2HWI, DL1SUE, IKØADY, LZ3FN, LZ1KBB, LZ3AB, LZ4AX, LZ1QI, LZ1MC, LZ1HX, LZ2UZ, OE1-GOA, OK2SNX, OKTGS, PA3BTH, S57DX, SP6DMI, SP5NOG, SP6BEN, SP8JMA, 3Z4EAK, SP6CDP, SP7NLI, TK/DL2DN, RU6V,

UT7W, YL2GN, YO5BTZ, YO4AAC, YO5BQ, YO8DHC, YO6LV, 7L3TDU, PY2SP, W5NR,

Station Operators Multi Operator Category

DK2OY: DK2OY, DL2MEH, DL4MCF, DL4RDJ, DL6RAL. **DL0WAE:** DF7VW, DF8AE, DF8XC, DK3DM, DK5QN, DL1YAU, DL1YDI. **DF0WA:** DL1MDY, DL3MAX, DL3MCO, DL5MHB, DL8MDG. **DJ9MHH:** DG7NFV, DJ9MH, DK1KC, DK6NJ. **DLBQS:** DL8QS, SWLs Irene, Jacky. **DA0SAX:** DL3BQM, DL5BWE. **DK0UB:** DJ2QV, DL1EFO, DL1EKA. **DA0IU:** DL1LBU, DL2HBX, DL3LAR. **DL6NCY:** DL6NFD, DL6NBJ, DL6NCY. **DL5JAN:** DL33JZ, DL5JAN. **DL0BYB:** DF1DV, DL2DBE, DL3XH, DL9VA. **DJ7LH:** DC4CB, DJ7LH, DL9MDG. **DL8YR:** DG8KYL, DL8YR. **DL8BDC:** DL4AO, DL8BDC, DL8BDV. **DL0BU:** DK5MM, DK8MM. **DLQCT:** DL6BCR, DL8BEV. **DL0AU:** DJ8NS, DL6MAP. **DF0EL:** DG2MAY, DF5MR. **DF0SI:** DL1MDY, DL8MH. **EM7Q:** UR5QN, UR9Q. **HA5KBM:** HA5OF, HA5OQ, HA5ZE. **I1ZK:** I2KHM, IK2UCK, I2GXS. **JH5ZCP:** JA5JG, JR5JAQ. **K5NA:** JA9SSY, K5MA, K5NA, W5AS. **P1U4FM:** LU6BEG, LW9EJZ. **LY2VW:** LY1BA, LY2BKW, LY2PX. **LY7A:** LY1TE, LY4AA, LY2AO, LYR346, LY3BS, LY2FK, LY2FN, LY2BMX, LY1DI. **LY3MR:** LY1ZF, LY3NFW. **N3RD:** N3RD, N3RS. **N3BNA:** KM3D, N3BNA. **OM2I:** OM1KW, OM2KW, OM3TA, OM1DU. **RK9AWN:** RA9AA, RA9AEW, UA9AR, RA9AX, RA9ATU, RA9ANR. **RK9CWW:** RA9CMD, R29CO, RJ9CO, UA9CDT, UA9CIR, UA9CDC, UA9CDV, UA9CI, RA9CB. **RK9XFH:** UA9XFY, UA9XMC. **RU1A:** RU1AA, RV1AN, RW1AC, UA1ARL, RN1AN, RN1AM, RX1AA, UT5UGR, UT3EA. **RU6LWZ:** UA6LV, UA6LFQ, UA6NN, UR5IBG, UA6-150-262. **SP3LOK:** SP3GXU, SP3SFN. **UU5J:** UU1JA, UU2JQ, UU2JX, UU2JZ, UU3JD, UU0JX. **WB2R:** N2MM, WB2R. **YU7AL:** YU7AL, Ivan, Goran. **ZC4C:** OK1RF, OK1RL.

by giving QTC's... **DL2ZAE:** needed the breaks to repair the linear damaged due to the heat... **DL4NAC:** nice going - DL1HTL/mm near OD5... **DL6USB:** nothing works without a beam and power... **DL8DYL:** I occupied the station - my boyfriend had to make coffee. **DL8NAS:** new antennas worked successfully. **EJ/DK3YD/p:** some ops still don't know about CEPT-calls... **G5MY:** WX hot - condx not so hot. **H0 this year. G6QQ:** first licensed 1932 - still using pump-handle key! **H80/DJ9CB/p:** poor condx helped several EUs to work H80... **IR2W:** lost some 10 meters openings... **IK5TSS:** poor propagation but good contest. **LY2VW:** tough... **LY2MW:** gp is not an antenna for high bands... **OH8LAE:** better conditions than last year thus 15 m worse. **OK1MD:** surprised dbt results with 100 W and G5RV... **OK2FD:** poor condx and trap vertical made contest tough but fine... **PA0LOU:** in spite of sunspots low, WAEDC is still possible. But low CW-activity South/Central America, Africa, Asia is a pity. **PA0RCT:** Condx were excellent - never heard JAs so strong on 40! **PA3ERC:** ... looking to run the WAEW phone from VP5... **PA3GNO:** QRV only a few hours because of fine WX. **RA6LV:** rain static 58.9 over 6 hours... **RA3XO:** lost my TX after 1 hour and 20 minutes due to transformer failure... **RU1A:** we have made a new antenna 6 over 6 on 21 MHz especially for WAE CW and we had good result... **S57W:** too much rest does not make good result... **S05TW/4:** I had a great time operating mobile from a camp site in the Polish lake region... **SP1MHV:** more QRT as QRV - working weekend in QRL! **SP5GH:** worked 9Q2L as a new one on 80... **SP8BA:** fb contest every year... **UA1OMS:** exciting to get QSO and QTC-traffic with some rare DX on low bands. **UA1-143-1:** nice but difficult contest... **UX5VK:** it was unusually hard to work South America! **YL2EC:** happy for ZC4C on 80 and 9Q2L on 40 m... **YO5BQ:** a hard life with 3 W and a dipole... **YU7SF:** this was my 37th WAEDC... **Z32JA:** my second entry - see you in 96...


some of DX

5B4WN: not more time to seriously take part due to IOTA expedition... **5B4ADA/HH2:** no 10/15 m-signals on my vertical... **JA9CWJ:** My favourite contest. **JR4GPA:** this my best score for my small gun... **JK2YOC:** I like to QTC... **K2SX/1:** Heavy QRN on low bands... no propagation on high bands... **K4FW:** high QRN level, power outage, electrical storm... age 89! **K4PQL:** nice activity on 20/40. Did not hear EU on 15... **K5NA:** Surprised not to hear EA6, TF, OY, LX. Packet spots definitely not a factor. **KJ9C:** seemed like a stone wall... same 30-40 EU and stf heard each band. Did hear a lot of SA and AF DX and some ZLs calling EU on 40 m! **KL7HF:** propagation was horrible. 20 meters was the only band I could hear Europe on. **N3RD:** this year we are back with new stacks of three yagis on 20 and 15, which worked very well... **OY3KV:** nothing on 10 m or 15 m. **PY1AJK:** propagation was very bad. **RK9AWN:** 15 m was very strange - heard EX working OK on RU1A's frequency without hearing RU1A and we did not hear the OK station... **TA2ZW:** hard to put up an antenna because of very, very limited space... **TE5T:** the 10/15 m bands were so quiet here... **UA9-154-800:** ...hard but nice competition! **UA9-154-1171:** I did my best in this contest, but RX did not. **UA9-154-2454:** more DX stations than in last years, but VP2MDE was the loudest... **UA9CIR:** no comments - the event was great as usually... **V11FF:** nice to work the 40 m long path signals... **VK4TT:** lousy condx... **V56BG:** vy surprised on 10 m opened. Wkd UUSJ and RU6LWZ on 5 bands... **WA2WYR:** had to ask many EU ops to repeat because of the weak signals... **WB2R:** even lousy conditions Sunday morning didn't diminish my enjoyment of this contest... **WZBA:** Saturday was ok considering SFI was only 72. On Sunday everything went bust... **W6BIP:** contest with a pacemaker - (glad to see you back on the bands!) (WAEDC-Comm.) **ZC4C:** we wanted to see how it feels from a Non-EU-QTH... **Z56CAX:** EUs beam to US/JA and not to the South...

The contest operators voice


some of Europe

DF0WA: condx - same procedure as every year... **DF1DT:** poor signals on 15 m... **DJ0SH:** Top contest between EU and NAA/AS. No AF, SA, OC. **DK3BN:** deliberate QRM while QTC's were sent... **DL0WV:** who sent me that thunderstorm Sunday night to give me another rest period? Was that you, Time? **DL2NBU:** ...high noise level on 20 m during the contest - after the contest we found out it was our new TV set... **DL2OBF:** tnx to the DX-ops who saved my score



K1JKS

FAIRHAVEN, MA
USA
QSL 100% via BURO
73 Bill
YCCC-CONTEST CLUB 1591



Pse SWL Tnx
QSL

BRISTOL County

| Station | Date | UTC | RST | MHz | Mode |
|--------------------------------|-----------|------|-----|------|------|
| WAE DC | 12-13 AUG | 0000 | 5W | 21.4 | CW |
| CONTEST | 1995 | 2400 | 7 | 35 | |
| QSB QRM QTC QRN QRL → CQ CQ EU | | | | | |