

# REF-Union

## IARU Region 1 UHF 2006

### 435 MHz Single

| Rank | Call       | Locator | Score  | QSO | Aver. | ODX      | QRB  |
|------|------------|---------|--------|-----|-------|----------|------|
| 1    | OK1NOR     | JO80FG  | 116877 | 380 | 307.6 | PA5DD    | 842  |
| 2    | F5OAU/p    | JN27UR  | 109589 | 295 | 371.5 | EA1EBJ   | 993  |
| 3    | DH1NFL     | JO50VF  | 109165 | 382 | 285.8 | GW8ASD   | 1068 |
| 4    | DJ6BS      | JO43JH  | 106831 | 328 | 325.7 | EA1DDU   | 1516 |
| 5    | DL3MBG/p   | JN68GI  | 104108 | 309 | 336.9 | SK7MW    | 783  |
| 6    | DH4FAJ/p   | JO40AQ  | 100633 | 368 | 273.5 | EA1DDU   | 1301 |
| 7    | DJ5IR      | JN48EQ  | 94521  | 303 | 312   | HA6W     | 894  |
| 8    | DF1JM      | JO30FQ  | 91819  | 338 | 271.7 | EA1EBJ   | 1208 |
| 9    | DL8QS      | JO43KH  | 91800  | 278 | 330.2 | EA1DDU   | 1520 |
| 10   | DJ9KH/p    | JO42OX  | 90341  | 264 | 342.2 | EA1DDU   | 1514 |
| 11   | DC6BB/p    | JO32SV  | 89660  | 269 | 333.3 | EA1DDU   | 1422 |
| 12   | DL6WT      | JN39VV  | 89485  | 299 | 299.3 | 9A2AE    | 771  |
| 13   | LX/PA1TK/p | JO30BB  | 88261  | 273 | 323.3 | EA1DDU   | 1150 |
| 14   | DF8XC      | JO42DC  | 81351  | 320 | 254.2 | EB1EHT   | 1406 |
| 15   | DK8SG      | JN48EQ  | 77911  | 219 | 355.8 | GW8IZR   | 1029 |
| 16   | DK2OY/p    | JO40IT  | 73331  | 266 | 275.7 | HA5KDQ   | 826  |
| 17   | DL4YAJ     | JO41PU  | 72972  | 266 | 274.3 | EB1EHT   | 1445 |
| 18   | DL9EE/p    | JN67DR  | 72482  | 198 | 366.1 | G0AOD/p  | 1161 |
| 19   | DJ9MT/p    | JN67DR  | 70988  | 192 | 369.7 | 8HGN     | 952  |
| 20   | DK5LO/p    | JN67DR  | 66041  | 183 | 360.9 | G0JJG    | 948  |
| 21   | IK4WKU/6   | JN63ET  | 59190  | 170 | 348.2 | SN9D     | 826  |
| 22   | DL1EJA     | JO31BQ  | 57745  | 241 | 239.6 | EA1EBJ   | 1261 |
| 23   | DL7AFB     | JO62JA  | 57211  | 228 | 250.9 | F6KIM    | 606  |
| 24   | DL2YOU     | JN57GN  | 53344  | 183 | 291.5 | PA0EMO   | 715  |
| 25   | DF5GZ/p    | JN47AX  | 53250  | 158 | 337   | G8OHM/p  | 907  |
| 26   | S57C       | JN76PB  | 52464  | 178 | 294.7 | DF0YY    | 705  |
| 27   | DL2HSX     | JO51XA  | 51265  | 234 | 219.1 | TM5Z     | 733  |
| 28   | 9A2AE      | JN86HF  | 50472  | 157 | 321.5 | DL6WT    | 771  |
| 29   | OK1VFA     | JO80DG  | 47832  | 199 | 240.4 | DC8RA    | 678  |
| 30   | DH7LF/p    | JN67DR  | 47351  | 141 | 335.8 | G8HGN    | 952  |
| 31   | DJ3HW      | JO42LH  | 47284  | 201 | 235.2 | F4CKV/p  | 769  |
| 32   | DJ8EN      | JO31BP  | 46237  | 164 | 281.9 | EA1EBJ   | 1257 |
| 33   | DC2MW      | JN59MB  | 43923  | 148 | 296.8 | M1CRO/p  | 756  |
| 34   | OM3TZQ     | JN98ET  | 42913  | 185 | 232   | DG1GLH/p | 770  |
| 35   | DL2ZA      | JN59VL  | 42229  | 166 | 254.4 | G4CQR/p  | 831  |
| 36   | ON7GB      | JO21IA  | 42195  | 143 | 295.1 | EA1EBJ   | 1138 |
| 37   | DK2MN      | JO32PC  | 40702  | 201 | 202.5 | EA1EBJ   | 1351 |
| 38   | ON4PS/p    | JO20KQ  | 40485  | 133 | 304.4 | F4BWJ    | 897  |
| 39   | DK1IP      | JO53EF  | 39840  | 137 | 290.8 | SN9D     | 717  |
| 40   | DK1KC/p    | JN58QH  | 39072  | 134 | 291.6 | DP5O     | 711  |
| 41   | OK1IBB     | JN69MJ  | 36926  | 158 | 233.7 | UR7D     | 712  |
| 42   | EA1EBJ     | IN73FL  | 36836  | 38  | 969.4 | DL8QS    | 1519 |
| 43   | OM1DK      | JN87UU  | 36717  | 164 | 223.9 | IQ4RA/5  | 633  |
| 44   | F8BRK      | IN99VF  | 36255  | 94  | 385.7 | OK4W     | 940  |
| 45   | DK5DQ      | JO31PH  | 35904  | 183 | 196.2 | F2CT     | 1105 |
| 46   | DL3LAB     | JO44XS  | 35783  | 86  | 416.1 | OM3KII   | 845  |
| 47   | I4AMD      | JN64CI  | 35127  | 109 | 322.3 | SN9D     | 786  |
| 48   | DL6UFN     | JO61OA  | 34922  | 152 | 229.8 | UR7D     | 728  |
| 49   | DK8RE      | JO61OA  | 34602  | 155 | 223.2 | S57C     | 572  |
| 50   | DG6QF      | JO61OA  | 34351  | 156 | 220.2 | PI4Z     | 651  |
| 51   | DF1VW      | JN39HJ  | 34343  | 114 | 301.3 | F2CT     | 915  |
| 52   | DJ2OS      | JO32XH  | 34320  | 139 | 246.9 | F6IHA    | 919  |
| 53   | OK1DZR     | JO60UQ  | 33551  | 150 | 223.7 | G4ALY    | 1261 |

|     |          |        |       |     |       |            |      |
|-----|----------|--------|-------|-----|-------|------------|------|
| 54  | DL8PZ    | JO40IB | 33457 | 140 | 239   | SK7MW      | 660  |
| 55  | DF9FD    | JN49GU | 33289 | 108 | 308.2 | SN9D       | 753  |
| 56  | DK4KW/p  | JO60FJ | 33225 | 160 | 207.7 | PA6NL      | 606  |
| 57  | OK1PGS   | JN69JW | 32571 | 139 | 234.3 | PA6NL      | 647  |
| 58  | DL2RMC   | JN67JT | 32233 | 119 | 270.9 | PA6NL      | 773  |
| 59  | DB8AH    | JO31FO | 31920 | 127 | 251.3 | OL2R       | 717  |
| 60  | 9A2KK    | JN85OV | 31760 | 104 | 305.4 | DL0GTH     | 709  |
| 61  | S51SL    | JN76PL | 31361 | 137 | 228.9 | DK2OY/p    | 682  |
| 62  | DG6DCC   | JO31NF | 31333 | 198 | 158.2 | OK1NOR     | 664  |
| 63  | DL1SUN   | JO53PN | 31243 | 90  | 347.1 | HB9RF      | 743  |
| 64  | OK2TT    | JO80OB | 30988 | 146 | 212.2 | DG1GLH/p   | 712  |
| 65  | F2JR/p   | JN03CB | 30538 | 52  | 587.3 | PI9CM      | 1079 |
| 66  | PA2M     | JO21IP | 30038 | 69  | 435.3 | EA1EBJ     | 1187 |
| 67  | F5DRD/p  | JO10GA | 29538 | 85  | 347.5 | EA1DDU     | 952  |
| 68  | S51ZO    | JN86DR | 29439 | 117 | 251.6 | DF0YY      | 660  |
| 69  | DL8UCC   | JO70IT | 29418 | 130 | 226.3 | PA6NL      | 745  |
| 70  | DL5YWM   | JO61OA | 28558 | 101 | 282.8 | M1CRO/p    | 830  |
| 71  | SP6A     | JO81NG | 28289 | 100 | 282.9 | DK8SG      | 687  |
| 72  | DM9CM    | JN49GB | 27642 | 107 | 258.3 | G8OHM/p    | 871  |
| 73  | OK2UDE   | JN89JS | 27636 | 150 | 184.2 | YU1EV      | 633  |
| 74  | DL9CW    | JO61DE | 26727 | 133 | 201   | HA5KDQ     | 628  |
| 75  | I4LCK/4  | JN54PD | 26663 | 83  | 321.2 | SN9D       | 851  |
| 76  | DJ6OL    | JO52AP | 26659 | 108 | 246.8 | DL9EE/p    | 569  |
| 77  | OK2JI    | JN89MW | 26346 | 134 | 196.6 | DG1GLH/p   | 697  |
| 78  | EA1DDU   | IN73EM | 25532 | 31  | 823.6 | DJ6BS      | 1516 |
| 79  | F4DXX    | IN97LH | 25512 | 54  | 472.4 | OK4W       | 1066 |
| 80  | DM5CT    | JO50MO | 25468 | 127 | 200.5 | SN9D       | 579  |
| 81  | DD7EQ    | JO31IG | 25299 | 136 | 186   | F4EDT/p    | 776  |
| 82  | DM5TI    | JN67JT | 25242 | 102 | 247.5 | DB8WK      | 723  |
| 83  | DL2VB/p  | JO31KP | 25154 | 107 | 235.1 | F5HGO      | 860  |
| 84  | DK1MFI   | JN58HX | 25134 | 99  | 253.9 | PA6NL      | 567  |
| 85  | F1TDO    | JN25LX | 24785 | 65  | 381.3 | G8OHM/p    | 907  |
| 86  | DK2GZ    | JN49GB | 24377 | 103 | 236.7 | OK1NOR     | 585  |
| 87  | DJ8UV/p  | JO41IN | 24280 | 121 | 200.7 | OZ9PZ      | 525  |
| 88  | OM5LD    | JN98AH | 24082 | 118 | 204.1 | DL0GTH     | 584  |
| 89  | OK2UUJ   | JO80NB | 23677 | 124 | 190.9 | DG1GLH/p   | 706  |
| 90  | DK3WC    | JO61XF | 23619 | 114 | 207.2 | F5OAU/p    | 711  |
| 91  | 9A5KK    | JN86GF | 23572 | 95  | 248.1 | DF0YY      | 718  |
| 92  | PE1EWR   | JO11SL | 23543 | 71  | 331.6 | F2CT       | 984  |
| 93  | DG6ISR   | JO61PK | 23061 | 94  | 245.3 | DG1GLH/p   | 549  |
| 94  | DG7SFL   | JN49XF | 23029 | 85  | 270.9 | F4CKV/p    | 591  |
| 95  | DM2BR    | JO51XM | 22498 | 108 | 208.3 | F5OAU/p    | 616  |
| 96  | OM5XX    | JN97ER | 21971 | 95  | 231.3 | DK0NA      | 571  |
| 97  | PD5LO    | JO32HR | 21837 | 67  | 325.9 | F5HGO      | 948  |
| 98  | DL2DR    | JO31TO | 21682 | 104 | 208.5 | F6APE      | 759  |
| 99  | DK4LI    | JO44WQ | 21083 | 62  | 340   | HB9MG      | 851  |
| 100 | DG2DAA   | JO62GU | 21018 | 69  | 304.6 | PA6NL      | 578  |
| 101 | S54T     | JN75EW | 20724 | 75  | 276.3 | IQ1KW      | 586  |
| 102 | DL1ARJ/p | JO60AR | 20393 | 101 | 201.9 | F1USF      | 991  |
| 102 | P1JNY    | JO73GL | 20393 | 63  | 323.7 | LX/PA1TK/p | 692  |
| 104 | DJ1FZ    | JN49CS | 20153 | 104 | 193.8 | OK1KJB     | 468  |
| 105 | DL1SMA   | JN48JL | 19851 | 75  | 264.7 | OM5M       | 637  |
| 106 | PE1RLF   | JO32CG | 19750 | 63  | 313.5 | F2CT       | 1148 |
| 107 | OK1VKC   | JN79OW | 19746 | 116 | 170.2 | DL0V       | 600  |
| 108 | DL1SUZ   | JO53UN | 19717 | 62  | 318   | DG1GLH/p   | 684  |
| 109 | DJ8WK    | JO40AV | 19675 | 74  | 265.9 | OM3KII     | 728  |
| 110 | OK2BVE   | JN99JQ | 19459 | 103 | 188.9 | DK8SG      | 764  |
| 111 | DH1TS/p  | JO30RO | 19294 | 97  | 198.9 | OE5D       | 505  |
| 112 | OM3CFR   | JN88RP | 19227 | 101 | 190.4 | DC2MW      | 471  |
| 113 | DL7JSG   | JO40FC | 19171 | 88  | 217.9 | OL9W       | 601  |
| 114 | F8DLS    | JN19SE | 19047 | 62  | 307.2 | F2CT       | 758  |

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|-----|----------|--------|-------|-----|-------|----------|------|
| 115 | OM3CQF   | JN88RT | 18945 | 118 | 160.6 | DL0GTH   | 520  |
| 116 | DL1VPL   | JO61UA | 18758 | 79  | 237.4 | PA6NL    | 671  |
| 117 | HA8MV/p  | KN06HT | 18743 | 62  | 302.3 | DF0YY    | 831  |
| 118 | OK1FHA   | JO60RA | 18542 | 112 | 165.6 | DG1GLH/p | 463  |
| 119 | DG9KB    | JO30WW | 18405 | 83  | 221.7 | OL2R     | 604  |
| 120 | F1CBC    | JN09BO | 18204 | 44  | 413.7 | DM7A     | 920  |
| 121 | OM1AVK   | JN88OD | 18171 | 102 | 178.1 | DL0GTH   | 541  |
| 122 | DG0PF    | JO50KQ | 17946 | 86  | 208.7 | SK7MW    | 543  |
| 123 | OK2FUG   | JN99FU | 17914 | 94  | 190.6 | DK2GR    | 564  |
| 124 | SP9EMI/9 | JO90MH | 17812 | 79  | 225.5 | DK1KC/p  | 598  |
| 125 | DH7FFE   | JO40FC | 17521 | 65  | 269.6 | SN9D     | 758  |
| 126 | DL5YM    | JO62XN | 17478 | 66  | 264.8 | DJ5IR    | 583  |
| 127 | DG9YIH   | JO32QI | 17347 | 74  | 234.4 | F4CKV/p  | 717  |
| 128 | I0FHZ    | JN62AP | 17270 | 56  | 308.4 | DL0GTH   | 894  |
| 129 | DJ6QS/p  | JO41GE | 17220 | 89  | 193.5 | OK1NOR   | 566  |
| 130 | DO1EG    | JO31BS | 16978 | 70  | 242.5 | OL2R     | 743  |
| 131 | DL5AYI   | JO51FE | 16954 | 73  | 232.2 | OM0C     | 610  |
| 132 | DG1ATN   | JO50LQ | 16783 | 90  | 186.5 | SK7MW    | 541  |
| 133 | DJ1CW    | JO42AH | 16673 | 67  | 248.9 | OK2BMU   | 754  |
| 134 | UW5Y     | KN18OQ | 16638 | 47  | 354   | S57C     | 663  |
| 135 | OK1VBN   | JN79HA | 16598 | 74  | 224.3 | SK7MW    | 716  |
| 136 | ON4KBE   | JO20BI | 16542 | 55  | 300.8 | F2CT     | 891  |
| 137 | DG4DW    | JO31TO | 16414 | 69  | 237.9 | F2CT     | 1145 |
| 138 | IK1PJU/1 | JN44CO | 16328 | 56  | 291.6 | OM0C     | 845  |
| 139 | S54AO    | JN86FN | 16301 | 72  | 226.4 | DL0GTH   | 615  |
| 140 | DL9NCI   | JO50WI | 16054 | 69  | 232.7 | PA6NL    | 569  |
| 141 | DJ7GS/p  | JN47IV | 16048 | 58  | 276.7 | SN9D     | 782  |
| 142 | IK2FTB/6 | JN63IK | 16034 | 59  | 271.8 | OK2KYC   | 792  |
| 143 | DO3ASE   | JO61EC | 15900 | 92  | 172.8 | PA6NL    | 578  |
| 144 | DC2RTL   | JN68GT | 15806 | 82  | 192.8 | PI4GN    | 648  |
| 145 | HA5EA/p  | JN97HE | 15749 | 67  | 235.1 | DK0NA    | 621  |
| 146 | SP9EWO   | JN99HW | 15425 | 83  | 185.8 | S54T     | 545  |
| 147 | DM7ML    | JN49KH | 15361 | 78  | 196.9 | OK2UUJ   | 599  |
| 148 | DF7DJ    | JO31TO | 15281 | 67  | 228.1 | OK2KJT   | 775  |
| 149 | S53FI    | JN75MT | 15233 | 68  | 224   | SN9D     | 524  |
| 150 | DL8VK    | JO40AV | 15226 | 58  | 262.5 | OK2KRT   | 740  |
| 151 | F1BJD/p  | IN98WE | 14988 | 41  | 365.6 | PI4GN    | 748  |
| 152 | DG0CC    | JO60KU | 14892 | 88  | 169.2 | SK7MW    | 505  |
| 153 | DL8UAT   | JO61TL | 14862 | 79  | 188.1 | PI9A     | 518  |
| 154 | DL4HG    | JO53CM | 14622 | 52  | 281.2 | DK5LO/p  | 660  |
| 155 | IZ4DIV/4 | JN54JK | 14556 | 68  | 214.1 | S51SL    | 418  |
| 156 | DO7DHL   | JO61TL | 14554 | 77  | 189   | PI9CM    | 542  |
| 157 | G3XDY    | JO02OB | 14499 | 30  | 483.3 | EA2RL/p  | 1048 |
| 158 | DL5HAU   | JO53CN | 14283 | 56  | 255.1 | DG1GLH/p | 652  |
| 159 | DG8FAY   | JO40GD | 14226 | 55  | 258.7 | SN9D     | 752  |
| 160 | DL4EAX   | JO31IG | 14164 | 87  | 162.8 | F4CKV/p  | 589  |
| 161 | S55M     | JN65XM | 14152 | 68  | 208.1 | SN9D     | 599  |
| 162 | DJ6XV    | JO31LQ | 14064 | 70  | 200.9 | F5HGO    | 868  |
| 163 | DK1CB    | JO53CL | 14060 | 49  | 286.9 | DK8SG    | 547  |
| 164 | DJ8OG/p  | JO50AV | 13997 | 63  | 222.2 | OM3KII   | 594  |
| 165 | DL9RAR   | JN68HW | 13870 | 72  | 192.6 | 9A2VR    | 569  |
| 166 | DL5YEE   | JO42GF | 13780 | 36  | 382.8 | F2CT     | 1238 |
| 167 | F1EBY    | JO10OP | 13665 | 46  | 297.1 | F2CT     | 890  |
| 168 | DG1NPJ   | JN59MK | 13517 | 64  | 211.2 | PA6NL    | 562  |
| 169 | DC0KO    | JO31TO | 13458 | 74  | 181.9 | DL9EE/p  | 546  |
| 170 | OK1UDJ   | JO70GG | 13343 | 76  | 175.6 | DG1GLH/p | 544  |
| 171 | DM1CG    | JO31IC | 13288 | 67  | 198.3 | OL2R     | 688  |
| 172 | DJ2SB/p  | JN49MA | 13164 | 71  | 185.4 | OK1NOR   | 551  |
| 173 | DM2SK    | JO50KP | 13072 | 72  | 181.6 | HB9CLN   | 456  |
| 174 | DJ3SN    | JN48SQ | 13066 | 59  | 221.5 | PA6NL    | 530  |
| 175 | PA0EMO   | JO23TE | 12956 | 42  | 308.5 | DK5LO/p  | 768  |

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|-----|----------|--------|-------|----|-------|----------|------|
| 176 | F4DQK    | IN95MW | 12955 | 24 | 539.8 | DJ9KH/p  | 1071 |
| 177 | DL7DCL   | JO61SK | 12925 | 63 | 205.2 | PA6NL    | 651  |
| 178 | GW8IZR   | IO73TI | 12907 | 16 | 806.7 | OL8R     | 1266 |
| 179 | F1DLZ    | JN19FH | 12900 | 37 | 348.6 | EA2RL/p  | 821  |
| 180 | PE1PKR   | JO23SE | 12765 | 39 | 327.3 | F2CT     | 1213 |
| 181 | S52IT    | JN66WB | 12700 | 64 | 198.4 | SN9D     | 557  |
| 182 | OK1MHJ   | JO70UD | 12610 | 83 | 151.9 | DL6WT    | 566  |
| 183 | DJ7UD    | JN48CX | 12566 | 48 | 261.8 | OM5M     | 676  |
| 184 | OK1IA    | JN79NU | 12533 | 69 | 181.6 | 9A2KK    | 466  |
| 185 | PA5DD    | JO22IC | 12464 | 32 | 389.5 | OK1NOR   | 842  |
| 186 | HA7SC/p  | JN97MS | 12454 | 65 | 191.6 | IK4WKU/6 | 678  |
| 187 | DL1AXX   | JO31TO | 12257 | 58 | 211.3 | G8OHM/p  | 707  |
| 188 | DB3BW    | JO42AC | 12185 | 55 | 221.5 | OE5D     | 581  |
| 189 | OM3CUG   | JN99KD | 12130 | 78 | 155.5 | OL8R     | 442  |
| 190 | S57LM    | JN76HD | 12113 | 57 | 212.5 | SN9D     | 513  |
| 191 | F1UFX    | JN19EN | 12104 | 30 | 403.5 | EA2RL/p  | 840  |
| 192 | OE3PLW   | JN78NV | 12053 | 58 | 207.8 | IK4WKU/6 | 603  |
| 193 | OM3ID    | JN88LE | 12050 | 62 | 194.4 | DF0YY    | 540  |
| 194 | IK6ZDE/6 | JN63GN | 11933 | 50 | 238.7 | OE6KDG/6 | 436  |
| 195 | OK1ZDA   | JO60IC | 11893 | 68 | 174.9 | OM3KHE   | 452  |
| 196 | DL7UE    | JO62PO | 11845 | 45 | 263.2 | DG1GLH/p | 646  |
| 197 | OE6WIG/6 | JN76VT | 11697 | 60 | 194.9 | DL0GTH   | 562  |
| 198 | DL2EEK   | JO31BS | 11691 | 57 | 205.1 | HB9DKZ   | 552  |
| 199 | DG0LCR   | JO61ER | 11410 | 65 | 175.5 | PA6NL    | 567  |
| 200 | OM3CAQ   | JN88PE | 11344 | 75 | 151.3 | UR7D     | 411  |
| 201 | DL1DBR   | JO41BN | 11325 | 60 | 188.8 | G5B      | 578  |
| 202 | DO1BKW   | JO61PK | 11271 | 54 | 208.7 | PI9CM    | 520  |
| 203 | DO4MC    | JO44UA | 11019 | 43 | 256.3 | DK8SG    | 600  |
| 204 | F6APE    | IN97QI | 11003 | 63 | 174.7 | OK4W     | 1036 |
| 205 | DG0RO    | JO61XF | 10997 | 63 | 174.6 | HA5KDQ   | 544  |
| 206 | DG5BRE   | JO62VM | 10948 | 51 | 214.7 | DG1GLH/p | 660  |
| 207 | OK2BRX   | JN89QU | 10842 | 76 | 142.7 | 9A2VR    | 470  |
| 208 | DL5DXS/p | JO63DL | 10777 | 37 | 291.3 | DR5A     | 521  |
| 209 | DL1HTY   | JO61AA | 10705 | 57 | 187.8 | HA6W     | 690  |
| 210 | OM3WEB   | JN97CT | 10627 | 61 | 174.2 | DL0GTH   | 623  |
| 211 | F4BWJ    | IN93MP | 10618 | 13 | 816.8 | DC6BB/p  | 1203 |
| 212 | IK2ULB/2 | JN55EU | 10590 | 50 | 211.8 | 9A2VR    | 627  |
| 213 | PE1LJQ   | JO21WR | 10574 | 48 | 220.3 | G3CKR/p  | 553  |
| 214 | DG8YHH   | JO32QI | 10369 | 30 | 345.6 | G8OHM/p  | 677  |
| 215 | OM5GU    | JN97CX | 10363 | 58 | 178.7 | DM7A     | 469  |
| 216 | M0ITY    | JO01BS | 10336 | 27 | 382.8 | OL4A     | 938  |
| 217 | F6BUL/p  | JN35BT | 10296 | 36 | 286   | G0AOD/p  | 987  |
| 218 | DL5YAD   | JO31TO | 10285 | 56 | 183.7 | DK5LO/p  | 546  |
| 219 | DL8EBW   | JO31MG | 10198 | 33 | 309   | DK5LO/p  | 546  |
| 220 | DF1IC    | JN49KH | 10156 | 54 | 188.1 | OL2R     | 525  |
| 221 | OK1IEI   | JO70EC | 10116 | 68 | 148.8 | DR5A     | 569  |
| 222 | OK2BSY   | JN89FK | 10064 | 68 | 148   | DG1GLH/p | 642  |
| 223 | S50J     | JN65VO | 10009 | 49 | 204.3 | OK2KYC   | 543  |
| 224 | F4DPW    | JN09UE | 9894  | 27 | 366.4 | EA1DDU   | 843  |
| 225 | DL3HRT   | JO61AB | 9876  | 56 | 176.4 | HA5KDQ   | 634  |
| 226 | DL1DAW   | JO31TO | 9864  | 71 | 138.9 | G5B      | 543  |
| 227 | F6DDW    | JN38DM | 9717  | 34 | 285.8 | G8OHM/p  | 768  |
| 228 | SP9APC/p | JN99VS | 9701  | 51 | 190.2 | DK2GR    | 659  |
| 229 | SP9BGS   | JO90MG | 9464  | 55 | 172.1 | DQ8N     | 538  |
| 230 | DO1KUB   | JO40FE | 9435  | 48 | 196.6 | OE5D     | 421  |
| 231 | DG6ME    | JO51JU | 9298  | 52 | 178.8 | SK7MW    | 420  |
| 232 | SP2DDV   | JO83VE | 9222  | 26 | 354.7 | OE3A     | 593  |
| 233 | S57NAW   | JN76PA | 9130  | 54 | 169.1 | IQ1KW    | 657  |
| 234 | OK2VMU   | JN99CH | 8982  | 74 | 121.4 | DK0NA    | 486  |
| 235 | IW3IGM/3 | JN55PS | 8921  | 50 | 178.4 | 9A1CIG   | 471  |
| 236 | DF2GL    | JO42AH | 8919  | 38 | 234.7 | OL2R     | 640  |

|     |          |        |      |    |       |          |      |
|-----|----------|--------|------|----|-------|----------|------|
| 237 | DJ6TA    | JO30MS | 8836 | 42 | 210.4 | DL9EE/p  | 509  |
| 238 | OM5UM    | JN98EO | 8795 | 58 | 151.6 | DL3MBG/p | 431  |
| 239 | DC5DJ    | JO31TO | 8732 | 47 | 185.8 | DK5LO/p  | 546  |
| 240 | OM2RL    | JN88NR | 8717 | 58 | 150.3 | DK0NA    | 436  |
| 241 | S56OA    | JN75BO | 8636 | 49 | 176.2 | IQ1KW    | 560  |
| 242 | DL7EF    | JO41QN | 8584 | 39 | 220.1 | OL2R     | 523  |
| 243 | OK1VLG   | JO70TK | 8558 | 56 | 152.8 | DG1GLH/p | 621  |
| 244 | DC3NI    | JO50TH | 8513 | 45 | 189.2 | PI9A     | 469  |
| 245 | SP9AHB/p | JO80HF | 8511 | 50 | 170.2 | UR7D     | 472  |
| 246 | OK1UEI   | JO70SS | 8477 | 54 | 157   | HB9DKZ   | 594  |
| 247 | DL7UIO   | JN48EX | 8308 | 42 | 197.8 | PI4GN    | 500  |
| 248 | S57UMP   | JN76QK | 8307 | 40 | 207.7 | OK1NOR   | 433  |
| 249 | 9A4VM    | JN85FS | 8258 | 44 | 187.7 | OK2RAS   | 451  |
| 250 | DH8WJ    | JN59OF | 8256 | 40 | 206.4 | PA6NL    | 585  |
| 251 | SP4JQC   | KO13NC | 8255 | 18 | 458.6 | HA1KYY   | 795  |
| 252 | DF1RD    | JN59UN | 8186 | 38 | 215.4 | PI9CM    | 497  |
| 253 | DJ8ER    | JN48OU | 8096 | 45 | 179.9 | DL0RSH   | 561  |
| 254 | DL8ZAJ   | JO40KD | 8046 | 38 | 211.7 | OE5D     | 393  |
| 255 | F5MGD    | JN07AW | 8042 | 18 | 446.8 | DM7A     | 977  |
| 256 | F6EBH    | JN19WT | 8013 | 23 | 348.4 | EA2RL/p  | 928  |
| 257 | OM5KV    | JN97BS | 7986 | 43 | 185.7 | DL6UFN   | 507  |
| 258 | OK2YT    | JN88JX | 7941 | 51 | 155.7 | DF0YY    | 462  |
| 259 | F6FGO    | JN25QN | 7910 | 28 | 282.5 | G8OHM/p  | 963  |
| 260 | DJ3JJ    | JN48JS | 7891 | 45 | 175.4 | 9A2AE    | 652  |
| 261 | DJ5KX    | JO30PQ | 7882 | 49 | 160.9 | G5B      | 560  |
| 262 | DL5IO    | JN49KH | 7766 | 39 | 199.1 | PI9A     | 449  |
| 263 | F6BAH/p  | IN96NI | 7729 | 22 | 351.3 | DC6BB/p  | 945  |
| 264 | SP9UOP/p | JN99LN | 7601 | 54 | 140.8 | DF9RJ    | 474  |
| 265 | DH9NFM   | JO50RF | 7600 | 36 | 211.1 | I4AMD    | 655  |
| 266 | DO6YUG   | JO31UU | 7574 | 39 | 194.2 | SK7MW    | 527  |
| 267 | DM4TI    | JO51MD | 7402 | 38 | 194.8 | OM3KII   | 540  |
| 268 | DD1OP    | JO42NG | 7340 | 42 | 174.8 | M1CRO/p  | 537  |
| 269 | DO1DEN   | JO31TO | 7190 | 52 | 138.3 | G4KDH    | 483  |
| 270 | OK2TKE   | JN89JJ | 7094 | 58 | 122.3 | S59R     | 340  |
| 271 | OM3SEM   | JN97CS | 7082 | 46 | 154   | OL3Z     | 368  |
| 272 | IZ3BJA   | JN65DN | 6845 | 47 | 145.6 | IQ1KW    | 419  |
| 273 | EA7TL    | IM66VO | 6747 | 11 | 613.4 | EB8CDX   | 1355 |
| 274 | DL7YS    | JO62NM | 6744 | 24 | 281   | DR5A     | 517  |
| 275 | OM3WMA   | JN88RP | 6682 | 37 | 180.6 | DL0GTH   | 528  |
| 276 | DG1ASA   | JO50TU | 6523 | 34 | 191.9 | OM0C     | 521  |
| 277 | IK3XTT   | JN55LK | 6441 | 38 | 169.5 | IQ0OS    | 425  |
| 278 | OK1DEU   | JO80DD | 6391 | 46 | 138.9 | S59R     | 411  |
| 279 | OK1FAN   | JO70BD | 6371 | 54 | 118   | OM3KII   | 296  |
| 280 | S59ABC   | JN76TO | 6357 | 31 | 205.1 | DL0GTH   | 572  |
| 281 | F1APH    | JN03BT | 6353 | 14 | 453.8 | PA6NL    | 955  |
| 282 | OK2PHB   | JN89QU | 6277 | 59 | 106.4 | HA6W     | 300  |
| 283 | OK1VEI   | JN79CX | 6260 | 39 | 160.5 | DJ5IR    | 446  |
| 284 | DL1EHG   | JO31JF | 6256 | 39 | 160.4 | OL4A     | 473  |
| 285 | DO1BMS   | JO31TO | 6248 | 32 | 195.3 | DL9EE/p  | 546  |
| 286 | OK2TF    | JN89OW | 6217 | 59 | 105.4 | DM7A     | 307  |
| 287 | OM5AL    | JN97CX | 6210 | 29 | 214.1 | DL5YWM   | 494  |
| 288 | IK3MLF   | JN55WJ | 6142 | 34 | 180.6 | OM3KII   | 585  |
| 289 | OM0CS    | KN09OF | 6068 | 28 | 216.7 | S57C     | 565  |
| 290 | DG6IMR   | JO71DT | 6044 | 31 | 195   | OE3A     | 442  |
| 291 | 9A2TK    | JN76WA | 5990 | 49 | 122.2 | HA6W     | 415  |
| 292 | DO2FFW   | JO50LQ | 5706 | 26 | 219.5 | SK7MW    | 541  |
| 293 | F5APM    | IN97HG | 5689 | 12 | 474.1 | DJ9KH/p  | 984  |
| 294 | DG1GOB   | JN48OM | 5648 | 34 | 166.1 | F4CKV/p  | 508  |
| 295 | DM5JL    | JO70HX | 5612 | 41 | 136.9 | HA5KDQ   | 493  |
| 296 | DO6NX    | JO50VI | 5593 | 41 | 136.4 | IQ3AZ    | 532  |
| 297 | I3MMB    | JN65BS | 5556 | 33 | 168.4 | IQ0OS    | 445  |

|     |          |        |      |    |        |          |      |
|-----|----------|--------|------|----|--------|----------|------|
| 298 | DL3YDP   | JO31NN | 5543 | 30 | 184.8  | DJ9MT/p  | 565  |
| 299 | OK2BZE   | JN99CM | 5505 | 56 | 98.3   | DM7A     | 389  |
| 300 | OK1BMW   | JO70EI | 5374 | 34 | 158.1  | HA5CW    | 477  |
| 301 | EA3BB/p  | JN02IB | 5357 | 21 | 255.1  | EA4AYW   | 436  |
| 302 | SP6AAT   | JO81NB | 5275 | 29 | 181.9  | OL7G     | 319  |
| 303 | SP1O     | JO73GK | 5251 | 19 | 276.4  | OL7G     | 496  |
| 304 | IZ1EVF   | JN44IV | 5159 | 22 | 234.5  | OK4W     | 683  |
| 305 | DL1KAS/p | JO30UX | 5152 | 46 | 112    | G4KDH    | 497  |
| 306 | OK1DPO   | JO70CH | 5140 | 37 | 138.9  | OM0C     | 336  |
| 307 | EA8AVI   | IL28FC | 5139 | 5  | 1027.8 | EB7HAF/p | 1362 |
| 308 | OK1AUK   | JN69RR | 5053 | 37 | 136.6  | DL6WT    | 407  |
| 309 | DJ2FR    | JN58PJ | 5026 | 26 | 193.3  | OL9W     | 420  |
| 310 | HB9ABN   | JN47QK | 5016 | 33 | 152    | DM7A     | 424  |
| 311 | DF6YL    | JO31WS | 4923 | 27 | 182.3  | F5OAU/p  | 475  |
| 311 | IK2PNQ   | JN89LE | 4923 | 45 | 109.4  | S57C     | 369  |
| 313 | S53XX    | JN76CF | 4917 | 33 | 149    | YT1WV    | 449  |
| 314 | OE3SJA   | JN88GH | 4856 | 22 | 220.7  | DL0GTH   | 489  |
| 315 | DK7MP    | JO31BS | 4786 | 21 | 227.9  | DL3MBG/p | 594  |
| 316 | DG0ONW   | JO50LP | 4760 | 32 | 148.8  | SK7MW    | 546  |
| 317 | DK3WG    | JO72GI | 4746 | 13 | 365.1  | DG1GLH/p | 681  |
| 318 | DF4AJ    | JO42MG | 4667 | 43 | 108.5  | PE1EWR   | 387  |
| 319 | PA5WT    | JO22HG | 4665 | 15 | 311    | DL9EE/p  | 744  |
| 320 | F1CKB    | IN97SL | 4660 | 13 | 358.5  | DF8XC    | 810  |
| 321 | DH2SRM   | JN48QQ | 4645 | 30 | 154.8  | OK2KGB   | 444  |
| 322 | DC9BG    | JO42EF | 4574 | 38 | 120.4  | DK8SG    | 393  |
| 323 | OK2SAR   | JN89LX | 4563 | 45 | 101.4  | HA5FMV   | 287  |
| 324 | OK2JJA   | JN89LW | 4547 | 50 | 90.9   | OE3A     | 229  |
| 325 | 9A8A     | JN86EH | 4477 | 30 | 149.2  | DK0CG    | 502  |
| 326 | DL4HRM   | JO51XL | 4423 | 37 | 119.5  | PA6NL    | 542  |
| 327 | S51I     | JN86AM | 4394 | 33 | 133.2  | UR7D     | 565  |
| 328 | EB7HAF/p | IM77CF | 4325 | 7  | 617.9  | EB8CDX   | 1428 |
| 329 | DC7QH    | JO62QN | 4319 | 18 | 239.9  | DR5A     | 534  |
| 330 | DL9GS    | JO31OM | 4245 | 27 | 157.2  | F5OAU/p  | 435  |
| 331 | DJ3AK    | JO52GJ | 4218 | 18 | 234.3  | PA6NL    | 440  |
| 332 | DL8EAQ   | JO31MG | 4110 | 28 | 146.8  | F5OAU/p  | 405  |
| 333 | EA3GCJ/p | JN11CU | 4075 | 19 | 214.5  | 7X0AD    | 572  |
| 334 | IW3SPI   | JN66OD | 4058 | 25 | 162.3  | IQ1KW    | 505  |
| 335 | DL1DKB   | JO40AV | 4046 | 18 | 224.8  | OK1NOR   | 598  |
| 336 | DL1OBF   | JO42MG | 4025 | 32 | 125.8  | OZ9PZ    | 444  |
| 337 | DF1HF    | JO43WJ | 3980 | 18 | 221.1  | OL4A     | 399  |
| 338 | OM7AC    | JN98NN | 3964 | 32 | 123.9  | S51ZO    | 294  |
| 339 | I6CTJ    | JN63SO | 3949 | 19 | 207.8  | I1BPU/1  | 481  |
| 340 | SP9DSD   | JO90KG | 3942 | 27 | 146    | 9A2AE    | 479  |
| 341 | DO9BC/p  | JN48RP | 3895 | 20 | 194.8  | OK1NOR   | 537  |
| 342 | DO1AN    | JO50CU | 3884 | 23 | 168.9  | PI9A     | 355  |
| 343 | F6CXO    | JN03SL | 3866 | 18 | 214.8  | F8BRK    | 653  |
| 344 | SP8AWL   | KO11GG | 3784 | 14 | 270.3  | OL9W     | 451  |
| 345 | DL5RF    | JO31NK | 3783 | 30 | 126.1  | M1CRO/p  | 405  |
| 346 | OK2VLT   | JN99CS | 3774 | 36 | 104.8  | DL0GTH   | 536  |
| 347 | OM7CM    | JN98QO | 3764 | 29 | 129.8  | S59R     | 389  |
| 348 | DL4EBW   | JO31MG | 3671 | 37 | 99.2   | M1CRO/p  | 402  |
| 349 | DM4NF    | JO61SL | 3667 | 33 | 111.1  | PA6NL    | 650  |
| 350 | EA2AGZ   | IN91DV | 3657 | 14 | 261.2  | F5HGO    | 409  |
| 351 | OK7CM    | JO70NJ | 3632 | 27 | 134.5  | OM8A     | 342  |
| 352 | 9A2GA    | JN75WR | 3625 | 27 | 134.3  | OL2R     | 431  |
| 353 | SP1MVG   | JO73FJ | 3616 | 14 | 258.3  | OL8R     | 459  |
| 354 | SP9FPP   | KN09FX | 3590 | 20 | 179.5  | OL3Z     | 429  |
| 355 | DC8RI    | JN68CQ | 3577 | 18 | 198.7  | DF1JM    | 469  |
| 356 | DL1YHL   | JO32QI | 3569 | 18 | 198.3  | OE5D     | 632  |
| 357 | SP6LB/M  | JO70VX | 3549 | 24 | 147.9  | DQ8N     | 311  |
| 358 | DJ2YE    | JO31LG | 3514 | 29 | 121.2  | M1CRO/p  | 397  |

|     |          |        |      |    |       |          |      |
|-----|----------|--------|------|----|-------|----------|------|
| 359 | DJ5VI    | JN59UM | 3503 | 25 | 140.1 | OK1VFA   | 338  |
| 360 | F5RVO/p  | JN24PE | 3455 | 17 | 203.2 | G8OHM/p  | 1090 |
| 361 | DL2ABM   | JO52FM | 3418 | 14 | 244.1 | DJ5IR    | 450  |
| 362 | IW2NKQ   | JN45NS | 3409 | 19 | 179.4 | IQ0OS    | 519  |
| 363 | SP9SOO   | JN99OV | 3404 | 34 | 100.1 | HA1KYY   | 347  |
| 364 | SP8MCP/8 | KN09RR | 3382 | 16 | 211.4 | OL3Z     | 502  |
| 365 | S57NL    | JN65WX | 3242 | 29 | 111.8 | 9A1O     | 374  |
| 366 | DK5EZ    | JO31MG | 3218 | 26 | 123.8 | G4DEZ    | 522  |
| 367 | EA1DKV   | IN53TH | 3154 | 8  | 394.3 | G8OHM/p  | 1104 |
| 368 | IV3MGN   | JN66OD | 3139 | 20 | 156.9 | I1NDP    | 418  |
| 369 | DK2CB    | JO71IX | 3126 | 16 | 195.4 | PI9A     | 570  |
| 370 | DM2AJK   | JO50FT | 3101 | 22 | 141   | PA6NL    | 458  |
| 371 | OK2BSQ   | JN89VS | 3067 | 39 | 78.6  | SP8PAI   | 290  |
| 372 | OK1AIG   | JO70NN | 3039 | 25 | 121.6 | OM3KII   | 265  |
| 373 | DL5MO    | JO50LP | 2939 | 22 | 133.6 | OK1NOR   | 391  |
| 374 | OK1UDQ   | JO70NN | 2837 | 25 | 113.5 | OE3A     | 293  |
| 375 | DF4AE    | JO61LC | 2813 | 30 | 93.8  | OE5D     | 334  |
| 376 | F1PHB    | JN39DB | 2795 | 11 | 254.1 | DM7A     | 502  |
| 377 | OK1DRX   | JN79EW | 2741 | 25 | 109.6 | DF0YY    | 277  |
| 378 | DG4FBC   | JO40IA | 2688 | 13 | 206.8 | PA6NL    | 387  |
| 379 | OM3CCR   | JN98AH | 2662 | 27 | 98.6  | OL3Z     | 320  |
| 380 | DL4EBA   | JO31MG | 2542 | 28 | 90.8  | DM7A     | 425  |
| 381 | DG3EX    | JO31MG | 2439 | 15 | 162.6 | G4KDH    | 446  |
| 382 | EA2CLU   | IN92GM | 2423 | 12 | 201.9 | EA5CLH/p | 442  |
| 383 | OM1AXO   | JN88ME | 2392 | 29 | 82.5  | OL2R     | 171  |
| 384 | DO2RE    | JO31MG | 2333 | 26 | 89.7  | M1CRO/p  | 402  |
| 385 | DG9ZA    | JN49EX | 2297 | 14 | 164.1 | PA6NL    | 371  |
| 386 | IZ2FOB/2 | JN55EU | 2254 | 11 | 204.9 | I0FHZ    | 380  |
| 387 | EB5EA    | IM99TN | 2186 | 10 | 218.6 | 7X0AD    | 419  |
| 388 | OK1DJS   | JO70FB | 2185 | 30 | 72.8  | DL7AFB   | 247  |
| 389 | OK1MO    | JO60EC | 2182 | 24 | 90.9  | DL6WT    | 328  |
| 390 | SP3BEK   | JO92DF | 2099 | 10 | 209.9 | OK2KRT   | 306  |
| 391 | DG1VC    | JO70HW | 2095 | 19 | 110.3 | DK0GYB   | 259  |
| 392 | SQ9BDB   | JO90NG | 2087 | 19 | 109.8 | OE3A     | 343  |
| 393 | OK1AVP   | JN69QS | 1958 | 20 | 97.9  | OK2KFJ   | 257  |
| 394 | OM6TX    | JN99JL | 1947 | 26 | 74.9  | OK5Z     | 199  |
| 395 | DL3AWI   | JO51MF | 1935 | 16 | 120.9 | OL3Z     | 278  |
| 396 | OK1DSO   | JO70DC | 1925 | 18 | 106.9 | OK2UDE   | 183  |
| 397 | DH9FAV   | JN49IX | 1885 | 6  | 314.2 | DL0RSH   | 439  |
| 398 | DF2AP/p  | JO50FP | 1844 | 9  | 204.9 | HB9RF    | 418  |
| 399 | DK2DB    | JN48FW | 1778 | 8  | 222.3 | DL0RSH   | 556  |
| 400 | EA2BVD   | IN91OO | 1757 | 10 | 175.7 | EA5CLH/p | 331  |
| 401 | DL4DG    | JO31PL | 1728 | 28 | 61.7  | DL0GTH   | 261  |
| 402 | SP9CLQ   | KO00AA | 1718 | 15 | 114.5 | UR7D     | 240  |
| 403 | SP9CP    | JO90MT | 1713 | 27 | 63.4  | 9A2VR    | 571  |
| 404 | S57SU    | JN76EF | 1692 | 18 | 94    | IQ4RA/5  | 323  |
| 405 | OK1KZ    | JO70ED | 1658 | 24 | 69.1  | OK1NOR   | 149  |
| 406 | SP8WJW/8 | KN09QT | 1637 | 12 | 136.4 | OK2KCE   | 245  |
| 407 | OM1MJ    | JN88PE | 1631 | 16 | 101.9 | HA8MV/p  | 293  |
| 408 | DJ7LB    | JO42KH | 1543 | 13 | 118.7 | DR5A     | 264  |
| 409 | EA7DJQ   | IM66VL | 1541 | 4  | 385.3 | EA8AVI   | 1277 |
| 410 | DJ6UP    | JO30JP | 1527 | 13 | 117.5 | PI4GN    | 301  |
| 411 | OK2WZN   | JN79VB | 1522 | 14 | 108.7 | OM3KHE   | 218  |
| 412 | PA0FEI   | JO33BC | 1484 | 12 | 123.7 | DL0RSH   | 242  |
| 413 | DO7ML    | JO31LF | 1466 | 13 | 112.8 | F5OAU/p  | 399  |
| 414 | SP1WSR   | JO73HI | 1465 | 8  | 183.1 | DL5LF    | 316  |
| 415 | EA3DME   | JN01PD | 1441 | 8  | 180.1 | EA5CLH/p | 309  |
| 416 | ON3CK/p  | JO30AM | 1409 | 16 | 88.1  | F8DLS    | 232  |
| 417 | DM1USL   | JO71FG | 1362 | 11 | 123.8 | DL0GTH   | 266  |
| 418 | IZ6BTN/6 | JN63GN | 1346 | 8  | 168.3 | IV3CWI   | 287  |
| 419 | DJ2KH    | JO42KH | 1343 | 12 | 111.9 | DR5A     | 264  |

|     |          |        |      |    |       |          |     |
|-----|----------|--------|------|----|-------|----------|-----|
| 420 | SP3TL    | JO72OR | 1335 | 8  | 166.9 | SN9D     | 430 |
| 421 | EB4GAH   | IN80EJ | 1327 | 4  | 331.8 | EA7TL    | 477 |
| 422 | OK1VOF   | JN89EX | 1269 | 21 | 60.4  | OK1KHQ   | 131 |
| 423 | S57Q     | JN76PB | 1267 | 8  | 158.4 | I1NDP    | 577 |
| 424 | OM7PY    | JN98UI | 1255 | 14 | 89.6  | UR7D     | 232 |
| 425 | I1KFH    | JN45FG | 1238 | 6  | 206.3 | IK4WKU/6 | 350 |
| 426 | DO3MSH   | JN68IG | 1110 | 7  | 158.6 | DF0YY    | 431 |
| 427 | DO5HMK   | JO61BA | 1093 | 20 | 54.6  | DF0YY    | 128 |
| 428 | OK1AXX   | JN69RR | 1075 | 14 | 76.8  | DL0GTH   | 215 |
| 429 | DG6HRE   | JO61SL | 1065 | 14 | 76.1  | DK0NA    | 183 |
| 430 | OK1VUB   | JO70NJ | 1021 | 6  | 170.2 | OM3KHE   | 300 |
| 430 | F3ND     | JN09NK | 1021 | 4  | 255.3 | F5OAU/p  | 387 |
| 432 | 9A5YY    | JN75WT | 991  | 12 | 82.6  | HA1KYY   | 177 |
| 433 | DG1VR    | JO70JU | 983  | 14 | 70.2  | OL2R     | 168 |
| 434 | DO2DTH   | JO71IW | 978  | 7  | 139.7 | DK0GYB   | 256 |
| 435 | DG0UVG   | JO61TL | 935  | 13 | 71.9  | DK0NA    | 188 |
| 436 | PA5P     | JO32BF | 926  | 9  | 102.9 | DR5A     | 191 |
| 437 | F2NY     | JN23LK | 903  | 9  | 100.3 | F8CH     | 296 |
| 438 | OK1DDV/p | JN79EI | 885  | 9  | 98.3  | OK2KFJ   | 173 |
| 439 | DL5UDO   | JN59LK | 843  | 6  | 140.5 | DH7LF/p  | 214 |
| 440 | EA7DUD   | IM76SR | 819  | 4  | 204.8 | EB5EEO   | 372 |
| 441 | EB2GJK/p | IN93GF | 796  | 5  | 159.2 | EA3BB/p  | 219 |
| 442 | IW5EIJ/5 | JN53PV | 779  | 6  | 129.8 | IQ1KW    | 341 |
| 443 | EA3FLX   | JN01UF | 741  | 5  | 148.2 | EA5CLH/p | 334 |
| 444 | 9A2WA    | JN83AL | 735  | 3  | 245   | I0FHZ    | 338 |
| 445 | DO9PL    | JO31LG | 695  | 11 | 63.2  | PA6NL    | 211 |
| 446 | EA5AMR   | IM99UL | 672  | 4  | 168   | EA3GCJ/p | 338 |
| 447 | DB1HGV   | JO52DS | 647  | 4  | 161.8 | SK7MW    | 342 |
| 448 | OM3ZAS   | KN08PQ | 611  | 8  | 76.4  | UW5Y     | 141 |
| 449 | F6DZQ    | JN09MJ | 580  | 3  | 193.3 | PA6NL    | 360 |
| 450 | EA4AYW   | IN70XK | 551  | 2  | 275.5 | EA3BB/p  | 436 |
| 451 | DL6SDZ   | JN48QN | 547  | 4  | 136.8 | DM7A     | 332 |
| 452 | DL4DAE   | JO31NK | 544  | 8  | 68    | DL0GTH   | 271 |
| 453 | SP2IPK   | JO93LR | 522  | 2  | 261   | SK7MW    | 424 |
| 454 | F5JJA    | JN08GM | 510  | 3  | 170   | F5DRD/p  | 221 |
| 455 | F8ESA/p  | JN19OT | 492  | 3  | 164   | F4CKV/p  | 366 |
| 456 | DG2LO    | JO43NW | 434  | 7  | 62    | DJ3HW    | 181 |
| 457 | I2FUM/2  | JN45MT | 432  | 3  | 144   | IQ1KW    | 201 |
| 458 | DL4DTU   | JO61TB | 389  | 3  | 129.7 | DM0Y     | 244 |
| 459 | SP3NK    | JO82LJ | 386  | 4  | 96.5  | SP3TL    | 124 |
| 460 | EB1DRO   | IN70NT | 307  | 1  | 307   | EA1DDU   | 307 |
| 461 | UT5ST    | KN28IW | 254  | 2  | 127   | UR7D     | 141 |
| 462 | EA2AFF   | IN91NP | 221  | 3  | 73.7  | EA3BB/p  | 139 |
| 463 | SP3NYF   | JO72PR | 203  | 2  | 101.5 | DF0YY    | 197 |
| 464 | DL3YCW   | JO41PU | 199  | 2  | 99.5  | DK0GYB   | 125 |
| 465 | IK1ZYW   | JN35TC | 190  | 3  | 63.3  | I2KQE/1  | 109 |
| 466 | EA2BEP   | IN91MM | 185  | 2  | 92.5  | EA3LL    | 168 |
| 467 | DL4WO/p  | JO71DB | 171  | 1  | 171   | DF0YY    | 171 |
| 468 | EA1GAR   | IN51NW | 120  | 1  | 120   | EE1URO   | 120 |
| 469 | UR5LX    | KO70WK | 117  | 2  | 58.5  | UV2L     | 78  |
| 470 | DL3DTS   | JO61TB | 84   | 1  | 84    | DM7A     | 84  |
| 471 | DG2YIR   | JO42KF | 53   | 5  | 10.6  | DL1OBF   | 12  |
| 472 | EA1BYA   | IN70WW | 23   | 1  | 23    | EA4TV/p  | 23  |
| 473 | I1TEX    | JN35SA | 0    | 0  | 0     | NONE     | 0   |



### 435 MHz Multi

| Rank | Call    | Locator | Score  | QSO | Aver. | ODX      | QRB  |
|------|---------|---------|--------|-----|-------|----------|------|
| 1    | DL0GTH  | JO50JP  | 226010 | 677 | 333.8 | EA1EBJ   | 1466 |
| 2    | OL4A    | JO60RN  | 157150 | 500 | 314.3 | G4ALY    | 1245 |
| 3    | OK4W    | JO60JJ  | 149778 | 471 | 318   | GW8IZR   | 1220 |
| 4    | DM7A    | JO60LK  | 148760 | 480 | 309.9 | GW8IZR   | 1229 |
| 5    | PA6NL   | JO21BX  | 148111 | 411 | 360.4 | EA1DDU   | 1187 |
| 6    | OL8R    | JN69JJ  | 142496 | 424 | 336.1 | GI4SNA   | 1404 |
| 7    | OL2R    | JN89BO  | 140737 | 427 | 329.6 | IQ1KW    | 878  |
| 8    | DF0YY   | JO62GD  | 137256 | 463 | 296.4 | HA8MV/p  | 831  |
| 9    | PI9A    | JO33FB  | 134210 | 365 | 367.7 | EA1DDU   | 1383 |
| 10   | DK0NA   | JO50TI  | 129767 | 450 | 288.4 | G4ALY    | 1119 |
| 11   | DR5A    | JO30EM  | 115166 | 396 | 290.8 | EA1EBJ   | 1192 |
| 12   | PI9CM   | JO22VA  | 114615 | 331 | 346.3 | EA1DDU   | 1269 |
| 13   | OM3KII  | JN88UU  | 105942 | 366 | 289.5 | DR5A     | 835  |
| 14   | OL3Z    | JN79FX  | 104388 | 371 | 281.4 | IQ1KW    | 813  |
| 15   | OL9W    | JN89JM  | 95199  | 325 | 292.9 | DF1JM    | 747  |
| 16   | F4CKV/p | JN16NM  | 91157  | 184 | 495.4 | GM3HAM/p | 1060 |
| 17   | DQ8N    | JO50RK  | 91082  | 353 | 258   | GW8IZR   | 1131 |
| 18   | SN9D    | JN99MQ  | 87964  | 268 | 328.2 | I4LCK/4  | 851  |
| 19   | F2CT    | IN93HG  | 86455  | 119 | 726.5 | DL8QS    | 1346 |
| 20   | M1CRO/p | JO01PU  | 86451  | 211 | 409.7 | EA2RL/p  | 1028 |
| 21   | OL7G    | JN78AX  | 84117  | 286 | 294.1 | PA6NL    | 776  |
| 22   | OK2KGB  | JN79QJ  | 81580  | 305 | 267.5 | PI9CM    | 734  |
| 23   | DL0RSH  | JO43SV  | 80631  | 235 | 343.1 | HB9G/p   | 863  |
| 24   | OM5M    | JN88RS  | 75755  | 268 | 282.7 | DF1JM    | 818  |
| 25   | DF0MTL  | JO61JF  | 74790  | 322 | 232.3 | F1EZQ    | 683  |
| 26   | OM3KHE  | JN99JC  | 73969  | 266 | 278.1 | DR5A     | 903  |
| 27   | OE3A    | JN77XX  | 70990  | 251 | 282.8 | PA1TK    | 787  |
| 28   | DL0V    | JO31LG  | 69400  | 294 | 236.1 | F2CT     | 1087 |
| 29   | OL4N    | JO60VR  | 69223  | 292 | 237.1 | G8HGN    | 933  |
| 30   | OK5Z    | JN89AK  | 67341  | 246 | 273.7 | PI4GN    | 779  |
| 31   | S59R    | JN76OM  | 67068  | 224 | 299.4 | DR5A     | 787  |
| 32   | DK0PU   | JO31JN  | 65878  | 261 | 252.4 | EA1DDU   | 1287 |
| 33   | OM0C    | JN88VJ  | 63936  | 244 | 262   | IQ1KW    | 917  |
| 34   | HA6W    | KN08FB  | 63389  | 193 | 328.4 | DJ5IR    | 894  |
| 35   | PI4GN   | JO33II  | 62465  | 172 | 363.2 | F6FHP    | 1087 |
| 36   | OM8A    | JN87WV  | 61399  | 219 | 280.4 | DL6WT    | 769  |
| 37   | HA5KDQ  | JN97LN  | 60066  | 197 | 304.9 | YO4AUL   | 836  |
| 38   | PI4Z    | JO11WM  | 59187  | 168 | 352.3 | EA1DDU   | 1137 |
| 39   | OK2KJT  | JN99AJ  | 59036  | 223 | 264.7 | DR5A     | 843  |
| 40   | OK1KJB  | JN79IO  | 58616  | 234 | 250.5 | PA6NL    | 788  |
| 41   | UR7D    | KN18JT  | 57547  | 145 | 396.9 | DL0GTH   | 885  |
| 42   | OK2KFJ  | JN88HU  | 57033  | 234 | 243.7 | DF1JM    | 757  |
| 43   | DK0GYB  | JO51MN  | 55439  | 231 | 240   | HA5KDQ   | 723  |
| 44   | OK1KPA  | JN79US  | 54262  | 236 | 229.9 | DB8WK    | 680  |
| 45   | OK2KYC  | JN99BM  | 53743  | 225 | 238.9 | IK2FTB/6 | 792  |
| 46   | EA2RL/p | IN83FE  | 52681  | 70  | 752.6 | DJ9KH/p  | 1438 |
| 47   | OK1KRQ  | JN69GX  | 49649  | 200 | 248.2 | IQ1KW    | 723  |
| 48   | OK2KRT  | JN99CL  | 48151  | 216 | 222.9 | DL8VK    | 740  |
| 49   | DK0CG   | JN59RJ  | 46416  | 183 | 253.6 | SK7MW    | 675  |
| 50   | DK0R    | JO50AN  | 44431  | 181 | 245.5 | GW8ASD   | 939  |
| 51   | DK5A    | JO50KM  | 43878  | 177 | 247.9 | G4DEZ    | 800  |
| 52   | OK1KIK  | JO70TQ  | 43502  | 181 | 240.3 | PA6NL    | 810  |
| 53   | DL2R    | JN48WW  | 42824  | 172 | 249   | SN9D     | 669  |
| 54   | IQ1KW   | JN34NO  | 41107  | 113 | 363.8 | HA5FMV   | 967  |
| 55   | HB9MG   | JN47BC  | 40532  | 154 | 263.2 | DK4LI    | 851  |
| 56   | DM0Y    | JO73CF  | 40141  | 132 | 304.1 | DG1GLH/p | 739  |
| 57   | HA5FMV  | JN97KR  | 39818  | 158 | 252   | IQ1KW    | 967  |
| 58   | DF0XG   | JO51KW  | 39244  | 137 | 286.5 | HA5KDQ   | 756  |
| 59   | OK1KFB  | JN68UW  | 38447  | 160 | 240.3 | IQ1KW    | 694  |

|     |          |        |       |     |       |          |      |
|-----|----------|--------|-------|-----|-------|----------|------|
| 60  | DL0EE    | JN49GK | 35875 | 138 | 260   | G8OHM/p  | 850  |
| 61  | OK2KCE   | JN89XX | 34599 | 151 | 229.1 | I4LCK/4  | 821  |
| 62  | HG1W     | JN87GF | 33205 | 137 | 242.4 | DF0YY    | 617  |
| 63  | OL1B     | JO80IB | 33016 | 160 | 206.3 | I4AMD    | 719  |
| 64  | OK1OGS   | JN69JK | 32942 | 156 | 211.2 | PI9A     | 596  |
| 65  | ON4SHF   | JO20KW | 32853 | 122 | 269.3 | OL2R     | 812  |
| 66  | TM5Z     | JN19BC | 32760 | 97  | 337.7 | EA1EBJ   | 858  |
| 67  | OK1OPT   | JN69NX | 32630 | 160 | 203.9 | 9A1O     | 622  |
| 68  | ON3GDV   | JO20UF | 32055 | 128 | 250.4 | EA1EBJ   | 1135 |
| 69  | DL0MOL   | JO62WM | 31898 | 121 | 263.6 | DG1GLH/p | 664  |
| 70  | DR2F     | JO40ID | 31678 | 158 | 200.5 | SN9D     | 741  |
| 71  | DR3X     | JO71HA | 30828 | 159 | 193.9 | DK8SG    | 517  |
| 72  | OK1KFH   | JN69VN | 30737 | 148 | 207.7 | DF1JM    | 537  |
| 73  | IQ4RA/5  | JN54QF | 30617 | 123 | 248.9 | OL4A     | 721  |
| 74  | HG6V     | KN07AV | 30171 | 120 | 251.4 | DL0GTH   | 736  |
| 75  | DL0NF    | JN59PL | 30061 | 127 | 236.7 | 9A2VR    | 682  |
| 76  | 9A1O     | JN95IT | 30031 | 88  | 341.3 | DQ8N     | 743  |
| 77  | OK1KKD   | JO60WD | 30014 | 136 | 220.7 | YU1EV    | 782  |
| 78  | DL3LA    | JO51WH | 29794 | 149 | 200   | HA5KDQ   | 659  |
| 79  | OK1KHQ   | JO70LR | 29759 | 171 | 174   | HB9CLN   | 656  |
| 80  | DL0HOF   | JO50XG | 29361 | 136 | 215.9 | SK7MW    | 574  |
| 81  | DF0SX    | JN48MW | 28658 | 141 | 203.2 | DL0RSH   | 552  |
| 82  | HB9CLN   | JN37XA | 28625 | 89  | 321.6 | G8OHM/p  | 971  |
| 83  | S51Y     | JN75DS | 26682 | 108 | 247.1 | DL6WT    | 667  |
| 84  | OL5M     | JO80FF | 26505 | 141 | 188   | DG1GLH/p | 667  |
| 85  | OK2KJU   | JN89SJ | 26356 | 142 | 185.6 | IK4WKU/6 | 735  |
| 86  | SN7L     | JO91QF | 26126 | 82  | 318.6 | DG1GLH/p | 898  |
| 87  | DK0ZB    | JO42HG | 25703 | 119 | 216   | F2CT     | 1246 |
| 88  | OK2KCN   | JN89PG | 25345 | 141 | 179.8 | SK7MW    | 739  |
| 89  | OK1KIR   | JO60PM | 24797 | 133 | 186.4 | 9A2VR    | 659  |
| 90  | IQ3AZ    | JN65QQ | 24358 | 79  | 308.3 | SN9D     | 614  |
| 91  | S59EYZ   | JN75AV | 24093 | 111 | 217.1 | UR7D     | 734  |
| 92  | OK1KLL   | JN79IW | 23768 | 123 | 193.2 | UR7D     | 598  |
| 93  | DL0VB    | JO41FE | 22911 | 104 | 220.3 | EA1EBJ   | 1354 |
| 94  | OK2KYZ   | JN89XN | 22219 | 126 | 176.3 | IK4WKU/6 | 767  |
| 95  | S59C     | JN66WA | 21326 | 94  | 226.9 | UR7D     | 738  |
| 96  | DF2PN/p  | JO30UG | 20694 | 95  | 217.8 | OM3KII   | 737  |
| 97  | DL0EK    | JN38VN | 20468 | 83  | 246.6 | OK1NOR   | 654  |
| 98  | OK1KKL   | JO70PO | 20210 | 107 | 188.9 | DG1GLH/p | 608  |
| 99  | EA3FTT/p | JN12LL | 19988 | 36  | 555.2 | G3CKR/p  | 1240 |
| 100 | F5SDD/p  | JN24VC | 19701 | 53  | 371.7 | G8OHM/p  | 1118 |
| 101 | F5PSC/p  | JN24PV | 19574 | 41  | 477.4 | G4APJ    | 1115 |
| 102 | F6KPL    | IN99IO | 19317 | 46  | 419.9 | DM7A     | 1020 |
| 103 | OL7C     | JO60JJ | 18652 | 115 | 162.2 | PI4GN    | 531  |
| 104 | OL1C     | JO60UQ | 18643 | 97  | 192.2 | PA6NL    | 680  |
| 105 | ON4HRT/p | JO20MW | 17890 | 81  | 220.9 | DH7LF/p  | 634  |
| 106 | DR5Y     | JO61BQ | 17700 | 96  | 184.4 | SN9D     | 535  |
| 107 | DL5T     | JN49KH | 17563 | 73  | 240.6 | 9A2AE    | 672  |
| 108 | OL7Q     | JN99FN | 17266 | 106 | 162.9 | YU1EV    | 571  |
| 109 | F6KIM    | JN38BO | 17107 | 58  | 294.9 | EA1EBJ   | 1063 |
| 110 | OK5K     | JN99CT | 16904 | 98  | 172.5 | IQ3AZ    | 583  |
| 111 | DK0GHC   | JO61FR | 15956 | 72  | 221.6 | DG1GLH/p | 534  |
| 112 | OK1KRY   | JN69SU | 15954 | 85  | 187.7 | PI9CM    | 593  |
| 113 | OK1KCI   | JO70VA | 15839 | 85  | 186.3 | DG1GLH/p | 614  |
| 114 | DL0DLE   | JO60BH | 15833 | 77  | 205.6 | SK7MW    | 568  |
| 115 | OM3RAL   | JN98LR | 14949 | 86  | 173.8 | DK2GR    | 604  |
| 116 | DR6J     | JO50SU | 13844 | 83  | 166.8 | PA6NL    | 529  |
| 117 | DC0AD    | JO31MH | 13602 | 91  | 149.5 | F2CT     | 1094 |
| 118 | OK2KEA   | JN89EJ | 13235 | 81  | 163.4 | DG1GLH/p | 635  |
| 119 | DL0VV    | JO64AD | 12937 | 38  | 340.4 | OM3KII   | 706  |
| 120 | S59DZT   | JN76KF | 12289 | 63  | 195.1 | HA6W     | 468  |

|     |           |        |       |    |       |          |     |
|-----|-----------|--------|-------|----|-------|----------|-----|
| 121 | ON7WR     | JO20EP | 12265 | 34 | 360.7 | F2CT     | 927 |
| 122 | OM3KBB    | JN98NR | 12004 | 70 | 171.5 | DQ8N     | 584 |
| 123 | SP3YDE/3  | JO82UM | 11961 | 36 | 332.3 | DL3MBG/p | 590 |
| 124 | 9A1CMS    | JN86DM | 11831 | 53 | 223.2 | DL0GTH   | 611 |
| 124 | DK0AU     | JO42TL | 11831 | 59 | 200.5 | F5OAU/p  | 597 |
| 126 | OM3KVV    | JN88MH | 11075 | 59 | 187.7 | DG1GLH/p | 670 |
| 127 | OK2RSC    | JN89PE | 10726 | 75 | 143   | DF0YY    | 469 |
| 128 | DK0GSK    | JO62NL | 10595 | 45 | 235.4 | DG1GLH/p | 628 |
| 129 | 9A1CAW    | JN95GM | 10336 | 32 | 323   | I1NDP    | 830 |
| 130 | IW1FGN/1  | JN35VC | 10242 | 48 | 213.4 | DM7A     | 707 |
| 131 | OK1KDO    | JN69KL | 9575  | 51 | 187.7 | PI9A     | 598 |
| 132 | DN3MB     | JO62FK | 9329  | 42 | 222.1 | DF1JM    | 458 |
| 133 | OM3VSZ    | KN08LS | 9281  | 38 | 244.2 | OL4N     | 558 |
| 134 | DN4SB     | JO31GF | 9008  | 63 | 143   | DJ9MT/p  | 569 |
| 135 | LX/PE7B/p | JO30BC | 8899  | 35 | 254.3 | DL9EE/p  | 522 |
| 136 | DL0BWS    | JO64EB | 7105  | 20 | 355.3 | DR5A     | 566 |
| 137 | I2KQE/1   | JN45FV | 6841  | 40 | 171   | I0FHZ    | 460 |
| 138 | OM3RXB/p  | KN09OF | 6251  | 29 | 215.6 | S57C     | 565 |
| 139 | DL0HC     | JO31OJ | 6036  | 81 | 74.5  | DL0RSH   | 319 |
| 140 | DR2R      | JO31OP | 6000  | 42 | 142.9 | SK7MW    | 567 |
| 141 | EA5CLH/p  | IM98UP | 5756  | 18 | 319.8 | EA3FTT/p | 506 |
| 142 | DK0TEU    | JO43XO | 5715  | 31 | 184.4 | DL6WT    | 438 |
| 143 | SP1YSZ    | JO73GJ | 5586  | 17 | 328.6 | OL7G     | 492 |
| 144 | IQ3TR/3   | JN66DB | 5222  | 39 | 133.9 | IK1PJU/1 | 358 |
| 145 | S59P      | JN86AO | 5117  | 33 | 155.1 | OL4A     | 479 |
| 146 | OK2KZC    | JN88JX | 4966  | 38 | 130.7 | DF0YY    | 462 |
| 147 | OM3W      | JN99BB | 4797  | 43 | 111.6 | OK1IBB   | 371 |
| 148 | SP8PAI    | KN09VL | 4572  | 23 | 198.8 | OK1NOR   | 392 |
| 149 | DL0BO/p   | JO31OM | 4128  | 28 | 147.4 | F5OAU/p  | 435 |
| 150 | EA3LL     | JN01MH | 3749  | 18 | 208.3 | F5SDD/p  | 496 |
| 151 | DK0UKW    | JO31OM | 3136  | 28 | 112   | OK4W     | 410 |
| 152 | F4CIB/p   | JN02SV | 3035  | 8  | 379.4 | F6KPL    | 776 |
| 153 | DL0D      | JO31JJ | 2662  | 33 | 80.7  | DL0RSH   | 334 |
| 154 | DK0UDX    | JO31OM | 2292  | 26 | 88.2  | M1CRO/p  | 409 |
| 155 | SP7KED    | JO91HE | 2248  | 13 | 172.9 | OL3Z     | 323 |
| 156 | OM3RKP    | KN09AD | 2241  | 16 | 140.1 | OM1DK    | 224 |
| 157 | OK2KDS    | JN99AS | 1808  | 24 | 75.3  | OM3CAQ   | 184 |
| 158 | DL0KB     | JN47NQ | 1804  | 12 | 150.3 | I4LCK/4  | 428 |
| 159 | PI4FRG    | JO23WE | 1463  | 13 | 112.5 | DL0RSH   | 255 |
| 160 | EE1URO    | IN62GE | 1329  | 7  | 189.9 | EA2RL/p  | 339 |
| 161 | OE3PYC    | JN88GE | 1245  | 15 | 83    | OK1NOR   | 232 |
| 162 | EA4TV/p   | IN80AS | 1152  | 7  | 164.6 | EA1CFX/p | 411 |
| 163 | F5KBJ/p   | JN33DO | 908   | 8  | 113.5 | F2JR/p   | 495 |
| 164 | EB1CIU/p  | IN72SF | 888   | 4  | 222   | EA3BB/p  | 426 |
| 165 | DN2RMC    | JN67JT | 790   | 4  | 197.5 | OK1NOR   | 382 |
| 166 | EA3CQQ/p  | JN11CR | 679   | 6  | 113.2 | EA5CLH/p | 403 |
| 167 | DN1AF     | JO61AA | 552   | 8  | 69    | DM7A     | 91  |
| 168 | S59DR     | JN76EF | 480   | 10 | 48    | S55M     | 85  |
| 169 | S50C      | JN76JG | 378   | 5  | 75.6  | HA1KYY   | 175 |
| 170 | DL0OBL    | JO70HX | 168   | 9  | 18.7  | OK1UEI   | 68  |

### 1.3 GHz Single

| Rank | Call     | Locator | Score | QSO | Aver. | ODX     | QRB  |
|------|----------|---------|-------|-----|-------|---------|------|
| 1    | DF9IC    | JN48IW  | 55413 | 168 | 329.8 | SK7MW   | 776  |
| 2    | DK9IP    | JN48EQ  | 45939 | 139 | 330.5 | SK7MW   | 810  |
| 3    | DK6AS    | JO52JJ  | 37918 | 114 | 332.6 | F6DKW   | 727  |
| 4    | OE5MKM   | JN67UT  | 26082 | 71  | 367.4 | PA6NL   | 827  |
| 5    | G3XDY    | JO02OB  | 23673 | 59  | 401.2 | F2JR/p  | 1003 |
| 6    | DK3WG    | JO72GI  | 19360 | 59  | 328.1 | PA6NL   | 711  |
| 7    | DL1SUN   | JO53PN  | 18872 | 54  | 349.5 | OE3A    | 701  |
| 8    | DK2MN    | JO32PC  | 17612 | 81  | 217.4 | F4CKV/p | 690  |
| 9    | DH9NFM   | JO50RF  | 17454 | 71  | 245.8 | G0JBA   | 751  |
| 10   | I4LCK/4  | JN54PD  | 17023 | 60  | 283.7 | OK2KJT  | 777  |
| 11   | DF7RG    | JN68GI  | 16063 | 51  | 315   | PA6NL   | 721  |
| 12   | DL3IAS   | JN49EJ  | 15638 | 57  | 274.4 | SK7MW   | 737  |
| 13   | DL3HRT   | JO61AB  | 14855 | 61  | 243.5 | PA6NL   | 557  |
| 14   | PA0EZ    | JO22OF  | 14061 | 50  | 281.2 | OE5MKM  | 780  |
| 15   | OK1VEI   | JN79CX  | 13177 | 72  | 183   | DK9IP   | 446  |
| 16   | DH2DAM   | JO31NF  | 12437 | 82  | 151.7 | OL7M    | 664  |
| 17   | DL6UFN   | JO61OA  | 12192 | 57  | 213.9 | PI4Z    | 651  |
| 18   | S57Q     | JN76PB  | 12140 | 48  | 252.9 | IQ1KW   | 658  |
| 19   | PA3AWJ   | JO21GW  | 11920 | 39  | 305.6 | OE5MKM  | 800  |
| 20   | OK2JI    | JN89MW  | 11628 | 67  | 173.6 | DK9IP   | 643  |
| 21   | DD8ZX    | JN57GN  | 11599 | 42  | 276.2 | PI4GN   | 698  |
| 22   | S51ZO    | JN86DR  | 11451 | 42  | 272.6 | DL0GTH  | 593  |
| 23   | DL3YCW   | JO41PU  | 11212 | 62  | 180.8 | F6KPL   | 785  |
| 24   | OK2TT    | JO80OB  | 11161 | 65  | 171.7 | DL0GTH  | 459  |
| 25   | DD7MH    | JN68HD  | 10935 | 44  | 248.5 | DK5E    | 537  |
| 26   | DL5YWM   | JO61OA  | 10555 | 47  | 224.6 | PA6NL   | 637  |
| 27   | PA0S     | JO21FW  | 10538 | 38  | 277.3 | OL4A    | 644  |
| 28   | DK4VW    | JO40IT  | 10401 | 43  | 241.9 | OK5Z    | 544  |
| 29   | PA5DD    | JO22IC  | 10394 | 29  | 358.4 | OE5MKM  | 800  |
| 30   | PA0WMX   | JO21XI  | 10190 | 54  | 188.7 | OE5MKM  | 683  |
| 31   | OK1UEI   | JO70SS  | 9659  | 53  | 182.2 | HB9BBD  | 657  |
| 32   | IK3COJ   | JN65BN  | 9440  | 41  | 230.2 | OL7Q    | 650  |
| 33   | DK4KW/p  | JO60FJ  | 9360  | 58  | 161.4 | HB9CLN  | 499  |
| 34   | S53FO    | JN76PL  | 9188  | 48  | 191.4 | OL7M    | 430  |
| 35   | DB7YAH   | JO42LH  | 8930  | 51  | 175.1 | M1CRO/p | 526  |
| 36   | PE1EWR   | JO11SL  | 8903  | 29  | 307   | F2CT    | 984  |
| 37   | OK1PGS   | JN69JW  | 8799  | 49  | 179.6 | OM3KHE  | 443  |
| 38   | G3MEH    | IO91QS  | 8695  | 31  | 280.5 | DL0GTH  | 804  |
| 39   | DG6QF    | JO61OA  | 8650  | 44  | 196.6 | PI4GN   | 513  |
| 40   | F8BRK    | IN99VF  | 8606  | 27  | 318.7 | F5SDD/p | 730  |
| 41   | OK2BFF   | JO80HB  | 8266  | 53  | 156   | DL0GTH  | 419  |
| 42   | DL8EBW   | JO31MG  | 8089  | 33  | 245.1 | OE5MKM  | 615  |
| 43   | DK7QX    | JO42KH  | 7867  | 38  | 207   | M1CRO/p | 520  |
| 44   | F1TDO    | JN25LX  | 7806  | 28  | 278.8 | M1CRO/p | 705  |
| 45   | DK1KC/p  | JN58QH  | 7690  | 31  | 248.1 | OK2KRT  | 516  |
| 46   | DK1CB    | JO53CL  | 7669  | 25  | 306.8 | DK9IP   | 547  |
| 47   | OK1AIY/p | JO60LJ  | 7611  | 54  | 140.9 | PI4GN   | 540  |
| 48   | DC7QH    | JO62QN  | 7562  | 41  | 184.4 | PI4GN   | 455  |
| 49   | I0FHZ    | JN62AP  | 7525  | 27  | 278.7 | DK2GR   | 734  |
| 50   | OK2UUJ   | JO80NB  | 7453  | 49  | 152.1 | S59R    | 418  |
| 51   | F2JR/p   | JN03CB  | 7331  | 16  | 458.2 | G3XDY   | 1003 |
| 52   | OK2DGB   | JN79RL  | 7194  | 44  | 163.5 | DK6AS   | 460  |
| 53   | DL1SUZ   | JO53UN  | 7147  | 26  | 274.9 | DF9IC   | 554  |
| 54   | DF2CK    | JO61XF  | 6966  | 41  | 169.9 | DF6IY   | 478  |
| 55   | PF2D     | JO21WX  | 6811  | 31  | 219.7 | F2CT    | 1108 |
| 56   | DM5CT    | JO50MO  | 6711  | 45  | 149.1 | PI4GN   | 426  |
| 57   | DF6IY    | JN48EU  | 6689  | 30  | 223   | DF2CK   | 478  |
| 58   | DF5GZ/p  | JN47AX  | 6670  | 25  | 266.8 | DK3WG   | 671  |
| 59   | SP6GWB/p | JO80JG  | 6561  | 35  | 187.5 | DK2GR   | 453  |

|     |          |        |      |    |       |          |     |
|-----|----------|--------|------|----|-------|----------|-----|
| 60  | OK2UKG   | JN99FU | 6128 | 37 | 165.6 | DL0GTH   | 552 |
| 61  | F6APE    | IN97QI | 6095 | 21 | 290.2 | DK5E     | 829 |
| 62  | DF2CH    | JO41FE | 6071 | 32 | 189.7 | OE5MKM   | 533 |
| 63  | OK2FUG   | JN99FU | 6061 | 36 | 168.4 | DK2GR    | 564 |
| 64  | F1BJD/p  | IN98WE | 5846 | 19 | 307.7 | DK5E     | 740 |
| 65  | DM2SK    | JO50KP | 5716 | 36 | 158.8 | HB9CLN   | 456 |
| 66  | IZ2FOB/2 | JN55EU | 5651 | 31 | 182.3 | I0FHZ    | 380 |
| 67  | DG2DAA   | JO62GU | 5536 | 24 | 230.7 | DF9IC    | 511 |
| 68  | UW5Y     | KN18OQ | 5291 | 16 | 330.7 | OE3A     | 541 |
| 69  | DL1DAW   | JO31TO | 5180 | 26 | 199.2 | OL4A     | 423 |
| 70  | OK1DZR   | JO60UQ | 5149 | 37 | 139.2 | OM3W     | 364 |
| 71  | OK1DST   | JN79IX | 5052 | 43 | 117.5 | DL0GTH   | 288 |
| 72  | 9A1Z     | JN86EL | 4819 | 25 | 192.8 | DF9IC    | 635 |
| 73  | DF6YL    | JO31WS | 4774 | 30 | 159.1 | DM7A     | 384 |
| 74  | 9A2KK    | JN85OV | 4669 | 22 | 212.2 | DF7RG    | 446 |
| 75  | HA8MV/p  | KN06HT | 4618 | 19 | 243.1 | OL7M     | 491 |
| 76  | DG7SFL   | JN49XF | 4427 | 20 | 221.3 | PA6NL    | 512 |
| 77  | SP9ORN/p | JO90MK | 4397 | 27 | 162.9 | DM7A     | 430 |
| 78  | OK1IEI   | JO70EC | 4257 | 37 | 115.1 | OK2UKG   | 293 |
| 79  | DL2DR    | JO31TO | 4180 | 24 | 174.2 | G3MEH    | 568 |
| 80  | DF1VW    | JN39HJ | 4152 | 14 | 296.6 | F2CT     | 915 |
| 81  | OK1VUB   | JO70NJ | 4089 | 32 | 127.8 | DL0GTH   | 307 |
| 82  | DL1AXX   | JO31TO | 4078 | 32 | 127.4 | DG1GLH/p | 418 |
| 83  | OM3ID    | JN88LE | 4021 | 27 | 148.9 | HA6W     | 260 |
| 84  | DJ6OL    | JO52AP | 3978 | 19 | 209.4 | DK9IP    | 455 |
| 85  | DL5YAD   | JO31TO | 3952 | 28 | 141.1 | DM7A     | 395 |
| 86  | OK2VMU   | JN99CH | 3928 | 31 | 126.7 | DM7A     | 396 |
| 87  | DL4DTU   | JO61TB | 3856 | 23 | 167.7 | OM0C     | 421 |
| 88  | F4DXX    | IN97LH | 3786 | 15 | 252.4 | DK5E     | 855 |
| 89  | DG0PF    | JO50KQ | 3782 | 26 | 145.5 | OE5MKM   | 380 |
| 90  | DH7FFE   | JO40FC | 3634 | 17 | 213.8 | OE5MKM   | 460 |
| 91  | OM3CQF   | JN88RT | 3522 | 33 | 106.7 | HG6V     | 216 |
| 92  | OK1IA    | JN79NU | 3492 | 32 | 109.1 | OM3KII   | 218 |
| 93  | OK2XCG   | JN99JQ | 3483 | 27 | 129   | SK7MW    | 743 |
| 94  | OK2STV   | JN89DO | 3472 | 22 | 157.8 | SK7MW    | 680 |
| 95  | DJ6TA    | JO30MS | 3444 | 21 | 164   | DM7A     | 419 |
| 96  | DF7DJ    | JO31TO | 3302 | 21 | 157.2 | DG2DAA   | 362 |
| 97  | DC0KO    | JO31TO | 3215 | 22 | 146.1 | DM7A     | 395 |
| 98  | DG6ISR   | JO61PK | 3159 | 28 | 112.8 | DK2GR    | 310 |
| 99  | PA0T     | JO33JC | 3073 | 13 | 236.4 | DF9IC    | 482 |
| 100 | I4AMD    | JN64CI | 2929 | 17 | 172.3 | DK2GR    | 549 |
| 101 | HB9ABN   | JN47QK | 2728 | 14 | 194.9 | DL0GTH   | 371 |
| 102 | OK1FHA   | JO60RA | 2718 | 27 | 100.7 | OK2JI    | 256 |
| 103 | SP9AHB/p | JO80HF | 2701 | 23 | 117.4 | OM8A     | 275 |
| 104 | SP1I     | JO73GN | 2689 | 12 | 224.1 | DL0GTH   | 413 |
| 105 | SP6LB/M  | JO70VX | 2671 | 16 | 166.9 | DK0GYB   | 337 |
| 106 | DL8BEH   | JO42AH | 2659 | 16 | 166.2 | M1CRO/p  | 464 |
| 107 | EA3BB/p  | JN02IB | 2642 | 12 | 220.2 | EB4GWH   | 435 |
| 108 | DL8ZAJ   | JO40KD | 2608 | 16 | 163   | OE5MKM   | 437 |
| 109 | SP1JNY   | JO73GL | 2605 | 16 | 162.8 | DL0GTH   | 406 |
| 110 | S54T     | JN75EW | 2582 | 14 | 184.4 | OM3KII   | 410 |
| 111 | DL1DVP   | JO61XF | 2544 | 26 | 97.8  | DK6AS    | 253 |
| 112 | DJ1CW    | JO42AH | 2471 | 11 | 224.6 | M1CRO/p  | 464 |
| 113 | DC5DJ    | JO31TO | 2445 | 25 | 97.8  | DF9IC    | 306 |
| 114 | OK1BMW   | JO70EI | 2429 | 21 | 115.7 | OL7Q     | 305 |
| 115 | DG4DW    | JO31TO | 2393 | 22 | 108.8 | DQ8N     | 298 |
| 116 | OE3PLW   | JN78NV | 2346 | 13 | 180.5 | HA5SHF   | 326 |
| 117 | DL7YS    | JO62NM | 2336 | 13 | 179.7 | DL0GTH   | 263 |
| 118 | 9A2AE    | JN86HF | 2324 | 15 | 154.9 | YU1JB    | 343 |
| 119 | OK2TF    | JN89OW | 2304 | 23 | 100.2 | OE3A     | 236 |
| 120 | DK5EZ    | JO31MG | 2292 | 18 | 127.3 | G3XDY    | 411 |

|     |          |        |      |    |       |           |     |
|-----|----------|--------|------|----|-------|-----------|-----|
| 121 | OK1DSO   | JO70DC | 2276 | 22 | 103.5 | OL7Q      | 305 |
| 122 | I3MMB    | JN65BS | 2270 | 18 | 126.1 | I0FHZ     | 347 |
| 123 | SP3TL    | JO72OR | 2257 | 10 | 225.7 | PI4VDH    | 699 |
| 124 | S57UMP   | JN76QK | 2205 | 16 | 137.8 | T7/IZ4BEH | 360 |
| 125 | DL3YDP   | JO31NN | 2132 | 14 | 152.3 | M1CRO/p   | 403 |
| 126 | DK2DB    | JN48FW | 2114 | 12 | 176.2 | DD7MH     | 319 |
| 127 | DL8UAT   | JO61TL | 2107 | 21 | 100.3 | DL1SUN    | 280 |
| 128 | DG0LCR   | JO61ER | 2101 | 20 | 105.1 | DL1SUN    | 216 |
| 129 | DG0ONW   | JO50LP | 2084 | 18 | 115.8 | DM0Y      | 363 |
| 130 | HA7SC/p  | JN97MS | 2069 | 16 | 129.3 | UR7D      | 300 |
| 131 | DF4AE    | JO61LC | 2007 | 20 | 100.3 | OK1KJB    | 208 |
| 132 | DL4EBW   | JO31MG | 1903 | 18 | 105.7 | DK9IP     | 302 |
| 133 | IW3IGM/3 | JN55PS | 1888 | 11 | 171.6 | I0FHZ     | 352 |
| 134 | IW3SPI   | JN66OD | 1871 | 11 | 170.1 | IW6ATU/6  | 287 |
| 135 | OK2PNQ   | JN89LE | 1835 | 19 | 96.6  | OE3GWC    | 163 |
| 136 | F1DLZ    | JN19FH | 1827 | 7  | 261   | PI4GN     | 537 |
| 137 | S50TA    | JN76GH | 1791 | 14 | 127.9 | IK4ADE    | 352 |
| 138 | DL5YEE   | JO42GF | 1705 | 8  | 213.1 | DG1GLH/p  | 487 |
| 139 | OK2SIA   | JN99CL | 1700 | 23 | 73.9  | OL7M      | 153 |
| 140 | OE3SJA   | JN88GH | 1561 | 8  | 195.1 | DL0GTH    | 489 |
| 141 | DL6NCI   | JO50VI | 1556 | 4  | 389   | S55M      | 561 |
| 142 | OM2RL    | JN88NR | 1539 | 16 | 96.2  | OL7M      | 178 |
| 143 | IK2ULB/2 | JN55EU | 1490 | 7  | 212.9 | I0FHZ     | 380 |
| 144 | IK3MLF   | JN55WJ | 1457 | 14 | 104.1 | S51Y      | 193 |
| 145 | F6CXO    | JN03SL | 1440 | 9  | 160   | F1TDO     | 387 |
| 145 | SP9BGS   | JO90MG | 1440 | 15 | 96    | OM3KII    | 184 |
| 147 | SP1MVG   | JO73FJ | 1382 | 8  | 172.8 | DL0GTH    | 395 |
| 148 | F8DLS    | JN19SE | 1320 | 4  | 330   | DL0GTH    | 543 |
| 149 | OM5UM    | JN98EO | 1258 | 14 | 89.9  | OE3GWC    | 192 |
| 150 | OM5AL    | JN97CX | 1226 | 11 | 111.5 | OK2JI     | 234 |
| 151 | DG1ATN   | JO50LQ | 1199 | 15 | 79.9  | OL4A      | 177 |
| 152 | F5MGD    | JN07AW | 1171 | 6  | 195.2 | HB9G/p    | 489 |
| 153 | DK4UA    | JO61XE | 1159 | 18 | 64.4  | DK0NA     | 188 |
| 154 | OK1UDJ   | JO70GG | 1142 | 19 | 60.1  | OL7M      | 136 |
| 155 | DM1USL   | JO71FG | 1098 | 12 | 91.5  | DL0GTH    | 266 |
| 156 | SP1O     | JO73GK | 1061 | 7  | 151.6 | DM7A      | 350 |
| 157 | OM7CM    | JN98QO | 1035 | 10 | 103.5 | OM8A      | 136 |
| 158 | SP1WSR   | JO73HI | 1000 | 10 | 100   | DL0GTH    | 399 |
| 159 | EA3RU    | JN01MH | 949  | 4  | 237.3 | F1USF     | 360 |
| 160 | DH8WJ    | JN59OF | 940  | 8  | 117.5 | OL4A      | 219 |
| 161 | EA2AGZ   | IN91DV | 808  | 5  | 161.6 | EA3DR     | 229 |
| 162 | SP3BEK   | JO92DF | 805  | 5  | 161   | OK2XCG    | 285 |
| 163 | S57SU    | JN76EF | 800  | 11 | 72.7  | S51ZO     | 157 |
| 164 | DL7DCL   | JO61SK | 770  | 9  | 85.6  | OK1KJB    | 220 |
| 165 | DL5MO    | JO50LP | 767  | 11 | 69.7  | DF0MTL    | 144 |
| 166 | DL7UE    | JO62PO | 762  | 8  | 95.3  | DK0NA     | 275 |
| 167 | DJ3AK    | JO52GJ | 719  | 6  | 119.8 | DL0GTH    | 195 |
| 168 | DG1MIY   | JN58HX | 706  | 6  | 117.7 | DL0GTH    | 186 |
| 169 | I1KFH    | JN45FG | 686  | 6  | 114.3 | I4LCK/4   | 256 |
| 170 | UR5LX    | KO70WK | 663  | 7  | 94.7  | UT4LA/A   | 213 |
| 171 | OK2SAM   | JN89BO | 624  | 7  | 89.1  | OE3A      | 181 |
| 172 | OK1AIG   | JO70NN | 611  | 9  | 67.9  | DM7A      | 154 |
| 173 | IZ1EVF   | JN44IV | 606  | 6  | 101   | IZ2FOB/2  | 168 |
| 174 | DJ8ER    | JN48OU | 604  | 6  | 100.7 | DL0GTH    | 229 |
| 175 | EA3DME   | JN01PD | 563  | 3  | 187.7 | EA5CLH/p  | 309 |
| 175 | IV3MGN   | JN66OD | 563  | 5  | 112.6 | I4LCK/4   | 268 |
| 177 | DM2TO    | JO61CU | 561  | 3  | 187   | OK1KHQ    | 228 |
| 178 | EB5EA    | IM99TN | 556  | 3  | 185.3 | EA3RU     | 228 |
| 179 | SP9SOO   | JN99OV | 533  | 9  | 59.2  | OK2TT     | 144 |
| 180 | OK2BFH   | JN99JQ | 489  | 4  | 122.3 | OM0C      | 161 |
| 181 | S53FI    | JN75MT | 481  | 7  | 68.7  | 9A1Z      | 127 |

|     |          |        |     |   |       |          |     |
|-----|----------|--------|-----|---|-------|----------|-----|
| 182 | F6FGO    | JN25QN | 469 | 7 | 67    | F5AYE    | 109 |
| 183 | I1GPE    | JN45AN | 454 | 5 | 90.8  | IZ2FOB/2 | 184 |
| 184 | F6BAH/p  | IN96NI | 447 | 4 | 111.8 | F1BJD/p  | 211 |
| 185 | OE3PYC   | JN88GE | 424 | 6 | 70.7  | OM3KII   | 113 |
| 186 | I1TEX    | JN35SA | 389 | 4 | 97.3  | IZ2FOB/2 | 240 |
| 187 | SP3NK    | JO82LJ | 386 | 4 | 96.5  | SP3TL    | 124 |
| 188 | DL3DTS   | JO61TB | 369 | 2 | 184.5 | SP1I     | 285 |
| 189 | DF1HF    | JO43WJ | 349 | 3 | 116.3 | OZ2LD    | 198 |
| 190 | SP3EPX   | JO83ID | 343 | 3 | 114.3 | SP3BEK   | 147 |
| 191 | EA3FLX   | JN01UF | 334 | 1 | 334   | EA5CLH/p | 334 |
| 192 | OK1UDQ   | JO70NN | 290 | 6 | 48.3  | OL7M     | 100 |
| 193 | S53XX    | JN76CF | 235 | 4 | 58.8  | S53FO    | 88  |
| 194 | EA2AFF   | IN91NP | 213 | 2 | 106.5 | EA3BB/p  | 139 |
| 195 | SP9EMI/9 | JO90MH | 165 | 2 | 82.5  | OL7Q     | 93  |
| 196 | DJ6XV    | JO31LQ | 162 | 2 | 81    | ON4HRT/p | 157 |
| 197 | DG3EX    | JO31MG | 155 | 3 | 51.7  | DK2MN    | 94  |
| 198 | EB2GJK/p | IN93GF | 150 | 1 | 150   | EA2AGZ   | 150 |
| 199 | DG5BRE   | JO62VM | 132 | 3 | 44    | DF0YY    | 95  |
| 200 | DJ7LB    | JO42KH | 95  | 4 | 23.8  | DK5E     | 46  |
| 200 | OK2SAR   | JN89LX | 95  | 4 | 23.8  | OL9W     | 52  |
| 200 | DJ2KH    | JO42KH | 95  | 4 | 23.8  | DK5E     | 46  |
| 203 | DL1OBF   | JO42MG | 65  | 4 | 16.3  | DK0ZB    | 28  |
| 204 | DG2YIR   | JO42KF | 41  | 4 | 10.3  | DL1OBF   | 12  |
| 205 | DL7VGP/p | JO62NC | 40  | 1 | 40    | DF0YY    | 40  |
| 206 | SP6BTV/p | JO80JG | 24  | 1 | 24    | OL7M     | 24  |
| 207 | I6CTJ    | JN63SO | 14  | 1 | 14    | IW6ATU/6 | 14  |
| 208 | OK2BSY   | JN89FK | 8   | 1 | 8     | OK2KEA   | 8   |

### 1.3 GHz Multi

| Rank | Call      | Locator | Score | QSO | Aver. | ODX      | QRB  |
|------|-----------|---------|-------|-----|-------|----------|------|
| 1    | DL0GTH    | JO50JP  | 89709 | 269 | 333.5 | G3OHM/p  | 948  |
| 2    | DM7A      | JO60LK  | 71154 | 225 | 316.2 | G3OHM/p  | 1100 |
| 3    | PA6NL     | JO21BX  | 57945 | 160 | 362.2 | F2CT     | 1051 |
| 4    | OL4A      | JO60RN  | 50224 | 170 | 295.4 | G0NZO/p  | 1107 |
| 5    | OK1KIR    | JO60PM  | 40092 | 148 | 270.9 | G3SVJ/p  | 973  |
| 6    | OM3KII    | JN88UU  | 38834 | 138 | 281.4 | IQ1KW    | 933  |
| 7    | OL7M      | JO80FG  | 38262 | 136 | 281.3 | PI4Z     | 892  |
| 8    | PI4GN     | JO33II  | 35953 | 107 | 336   | F2CT     | 1268 |
| 9    | DF0YY     | JO62GD  | 34394 | 137 | 251.1 | HA5FMV   | 667  |
| 10   | M1CRO/p   | JO01PU  | 32128 | 94  | 341.8 | F5SDD/p  | 923  |
| 11   | DR5A      | JO30EM  | 31706 | 108 | 293.6 | OM3W     | 857  |
| 12   | OM5M      | JN88RS  | 29235 | 112 | 261   | SK7MW    | 795  |
| 13   | DK0NA     | JO50TI  | 27790 | 114 | 243.8 | HB9AOF   | 624  |
| 14   | DM0Y      | JO73CF  | 27103 | 87  | 311.5 | PI4Z     | 726  |
| 15   | OK5Z      | JN89AK  | 26205 | 104 | 252   | DR5A     | 701  |
| 16   | OL3Z      | JN79FX  | 23898 | 102 | 234.3 | PA6NL    | 756  |
| 17   | OL7Q      | JN99FN  | 23660 | 99  | 239   | I4LCK/4  | 811  |
| 18   | PI4Z      | JO11WM  | 22599 | 83  | 272.3 | OE5MKM   | 818  |
| 19   | OK4W      | JO60JJ  | 22472 | 98  | 229.3 | HB9G/p   | 659  |
| 20   | OM0C      | JN88VJ  | 22033 | 80  | 275.4 | IK4ADE   | 688  |
| 21   | PI9A      | JO33FB  | 21904 | 88  | 248.9 | F6CBC    | 1043 |
| 22   | OK2KJT    | JN99AJ  | 21797 | 85  | 256.4 | DR5A     | 843  |
| 23   | F2CT      | IN93HG  | 20459 | 38  | 538.4 | PI4GN    | 1268 |
| 24   | OK2KFJ    | JN88HU  | 19946 | 87  | 229.3 | SK7MW    | 766  |
| 25   | OE3A      | JN77XX  | 19160 | 72  | 266.1 | DR5A     | 750  |
| 26   | DF0MTL    | JO61JF  | 18922 | 93  | 203.5 | PA6NL    | 604  |
| 27   | DQ8N      | JO50RK  | 18112 | 87  | 208.2 | SK7MW    | 561  |
| 28   | DK0R      | JO50AN  | 17907 | 80  | 223.8 | OM3KII   | 582  |
| 29   | OL2R      | JN89BO  | 17206 | 74  | 232.5 | I4LCK/4  | 709  |
| 30   | OM3KHE    | JN99JC  | 17199 | 73  | 235.6 | SK7MW    | 800  |
| 31   | OM3W      | JN99BB  | 17117 | 75  | 228.2 | DR5A     | 857  |
| 32   | OE5VRL/5  | JN78DK  | 17056 | 55  | 310.1 | PA6NL    | 822  |
| 33   | ON4SHF    | JO20KW  | 16957 | 69  | 245.8 | OZ2LD    | 627  |
| 34   | OL9W      | JN89JM  | 16956 | 81  | 209.3 | I4LCK/4  | 729  |
| 35   | ON4HRT/p  | JO20MW  | 16340 | 76  | 215   | OE5MKM   | 716  |
| 36   | OK1KRQ    | JN69GX  | 15840 | 74  | 214.1 | HB9CLN   | 471  |
| 37   | DK0GYB    | JO51MN  | 15400 | 70  | 220   | OM5M     | 552  |
| 38   | DK0ZB     | JO42HG  | 15324 | 64  | 239.4 | OK5Z     | 608  |
| 39   | OK1KHQ    | JO70LR  | 14839 | 87  | 170.6 | HB9CLN   | 656  |
| 40   | TM5Z      | JN19BC  | 14574 | 42  | 347   | DM7A     | 791  |
| 41   | S55M      | JN65XM  | 14488 | 52  | 278.6 | DK0NA    | 564  |
| 42   | OM8A      | JN87WV  | 14248 | 57  | 250   | I4LCK/4  | 657  |
| 43   | DR5Y      | JO61BQ  | 13934 | 68  | 204.9 | PA6NL    | 550  |
| 44   | S59R      | JN76OM  | 13932 | 61  | 228.4 | DK0NA    | 501  |
| 45   | OK1KJB    | JN79IO  | 13268 | 71  | 186.9 | DF0WD    | 521  |
| 46   | F6KPL     | IN99IO  | 13155 | 32  | 411.1 | DM7A     | 1020 |
| 47   | DL0V      | JO31LG  | 12948 | 69  | 187.7 | G3CKR/p  | 642  |
| 48   | F4CKV/p   | JN16NM  | 12562 | 29  | 433.2 | GM3HAM/p | 1060 |
| 49   | OK2KYC    | JN99BM  | 12553 | 66  | 190.2 | DK9IP    | 715  |
| 50   | DK0SF/p   | JO62SK  | 12317 | 54  | 228.1 | PA6NL    | 643  |
| 51   | ON7WR     | JO20EP  | 10707 | 31  | 345.4 | F2CT     | 927  |
| 52   | T7/IZ4BEH | JN63FW  | 10255 | 39  | 262.9 | OK2KWC   | 777  |
| 53   | HA5KDQ    | JN97LN  | 10130 | 51  | 198.6 | DM7A     | 541  |
| 54   | HA5FMV    | JN97KR  | 10128 | 47  | 215.5 | DF0YY    | 667  |
| 55   | F5SDD/p   | JN24VC  | 9896  | 25  | 395.8 | M1CRO/p  | 923  |
| 56   | OK1OPT    | JN69NX  | 9631  | 51  | 188.8 | OM3KHE   | 420  |
| 57   | DF0XG     | JO51KW  | 9156  | 39  | 234.8 | OM3W     | 603  |
| 58   | PI9CM     | JO22VA  | 8767  | 36  | 243.5 | OE5MKM   | 734  |
| 59   | OL4N      | JO60VR  | 8220  | 60  | 137   | DK9IP    | 450  |



|     |          |        |      |    |       |           |     |
|-----|----------|--------|------|----|-------|-----------|-----|
| 60  | HG1W     | JN87GF | 8219 | 36 | 228.3 | DL0GTH    | 566 |
| 61  | S51Y     | JN75DS | 7716 | 40 | 192.9 | IQ1KW     | 576 |
| 62  | DK5A     | JO50KM | 7705 | 34 | 226.6 | M1CRO/p   | 683 |
| 63  | OK1KIK   | JO70TQ | 7291 | 50 | 145.8 | DK2GR     | 389 |
| 64  | OK1KKL   | JO70PO | 6749 | 47 | 143.6 | HA5FMV    | 412 |
| 65  | DL0EE    | JN49GK | 6713 | 28 | 239.8 | OL7M      | 574 |
| 66  | HA6W     | KN08FB | 6674 | 30 | 222.5 | S59R      | 431 |
| 67  | OK1KLL   | JN79IW | 6656 | 49 | 135.8 | DL1SUN    | 466 |
| 68  | OL1B     | JO80IB | 6205 | 45 | 137.9 | DK9IP     | 622 |
| 69  | DF2PN/p  | JO30UG | 6100 | 21 | 290.5 | OM3KII    | 737 |
| 70  | SN9D     | JN99MQ | 6065 | 37 | 163.9 | DK3WG     | 432 |
| 71  | PE1MMP   | JO21VT | 6017 | 31 | 194.1 | SK7MW     | 622 |
| 72  | IQ1KW    | JN34NO | 5864 | 23 | 255   | S55M      | 546 |
| 73  | UR7D     | KN18JT | 5684 | 19 | 299.2 | OE3A      | 512 |
| 74  | SN7L     | JO91QF | 5674 | 24 | 236.4 | DM7A      | 459 |
| 75  | OK1KKD   | JO60WD | 5545 | 41 | 135.2 | DK6AS     | 329 |
| 76  | DN4SB    | JO31GF | 5313 | 37 | 143.6 | DG1GLH/p  | 390 |
| 77  | OK2KCE   | JN89XX | 5137 | 38 | 135.2 | UR7D      | 373 |
| 78  | HB9CLN   | JN37XA | 4842 | 22 | 220.1 | OK1UEI    | 693 |
| 79  | OK2KRT   | JN99CL | 4688 | 39 | 120.2 | DK1KC/p   | 516 |
| 80  | DK0PU    | JO31JN | 4091 | 38 | 107.7 | M1CRO/p   | 380 |
| 81  | HG6V     | KN07AV | 4066 | 23 | 176.8 | S53FO     | 392 |
| 82  | OK2KYZ   | JN89XN | 4039 | 38 | 106.3 | OL4A      | 340 |
| 83  | DK0CG    | JN59RJ | 3910 | 24 | 162.9 | PA6NL     | 590 |
| 84  | IQ3TR/3  | JN66DB | 3867 | 26 | 148.7 | IQ1KW     | 435 |
| 85  | DC0AD    | JO31MH | 3846 | 32 | 120.2 | DG1GLH/p  | 391 |
| 86  | OK1KRY   | JN69SU | 3825 | 30 | 127.5 | OL7Q      | 355 |
| 87  | OK1OGS   | JN69JK | 3650 | 24 | 152.1 | OM3KHE    | 437 |
| 88  | DL0EK    | JN38VN | 3569 | 16 | 223.1 | DL1SUN    | 607 |
| 89  | DL0VV    | JO64AD | 3512 | 12 | 292.7 | DK2GR     | 558 |
| 90  | DL3LA    | JO51WH | 2912 | 24 | 121.3 | OK1KJB    | 276 |
| 91  | IW6ATU/6 | JN63QN | 2725 | 11 | 247.7 | IZ2FOB/2  | 348 |
| 92  | DN1DAW   | JO31TO | 2647 | 12 | 220.6 | G4BEL     | 520 |
| 93  | F4CIB/p  | JN02SV | 2612 | 5  | 522.4 | F6KPL     | 776 |
| 94  | OK2KEA   | JN89EJ | 2565 | 22 | 116.6 | S51ZO     | 296 |
| 95  | DN1SFZ   | JO50NQ | 2424 | 14 | 173.1 | DG1GLH/p  | 386 |
| 96  | DK0WT    | JN49GB | 2214 | 13 | 170.3 | PA6NL     | 450 |
| 97  | OK2RSC   | JN89PE | 2189 | 23 | 95.2  | OK1KIK    | 205 |
| 98  | DP3A     | JN49GB | 2098 | 11 | 190.7 | DF0YY     | 444 |
| 99  | S59DZT   | JN76KF | 1965 | 14 | 140.4 | OM5M      | 343 |
| 100 | F6KIM    | JN38BO | 1948 | 9  | 216.4 | M1CRO/p   | 498 |
| 101 | IW1FGN/1 | JN35VC | 1945 | 16 | 121.6 | I4LCK/4   | 297 |
| 102 | 9A1CAW   | JN95GM | 1852 | 7  | 264.6 | UR7D      | 486 |
| 103 | EA5CLH/p | IM98UP | 1759 | 6  | 293.2 | EA3BB/p   | 389 |
| 104 | 9A1CMS   | JN86DM | 1733 | 14 | 123.8 | OM3KII    | 280 |
| 105 | DK0AU    | JO42TL | 1730 | 10 | 173   | PA6NL     | 378 |
| 106 | IK2KQE/1 | JN45FV | 1666 | 10 | 166.6 | T7/IZ4BEH | 383 |
| 107 | SP1YSZ   | JO73GJ | 1521 | 7  | 217.3 | DL0GTH    | 399 |
| 108 | S59P     | JN86AO | 1285 | 14 | 91.8  | OM3KII    | 279 |
| 109 | DL0NF    | JN59PL | 1006 | 9  | 111.8 | DF9IC     | 197 |
| 110 | SP3YPX   | JO83ID | 258  | 2  | 129   | SP3BEK    | 147 |
| 111 | DL0BWS   | JO64EB | 178  | 2  | 89    | SK7MW     | 154 |
| 112 | OE3XHA   | JN78NU | 158  | 3  | 52.7  | OE1ILW/3  | 156 |
| 113 | EA3CQQ/p | JN11CR | 129  | 1  | 129   | EA3BB/p   | 129 |
| 114 | DL0BFA/p | JO51QN | 103  | 1  | 103   | DF0YY     | 103 |
| 115 | DK0GHC   | JO61FR | 60   | 1  | 60    | DF0MTL    | 60  |

### 2.3 GHz Single

| Rank | Call     | Locator | Score | QSO | Aver. | ODX    | QRB |
|------|----------|---------|-------|-----|-------|--------|-----|
| 1    | DL6NAA   | JO50VF  | 15655 | 57  | 274.6 | TM5Z   | 706 |
| 2    | DK6AS    | JO52JJ  | 12027 | 42  | 286.4 | G3XDY  | 653 |
| 3    | OE5MKM   | JN67UT  | 11126 | 32  | 347.7 | PA6NL  | 827 |
| 4    | G3XDY    | JO02OB  | 9785  | 31  | 315.6 | DM7A   | 836 |
| 5    | DL3IAS   | JN49EJ  | 8544  | 29  | 294.6 | DM0Y   | 587 |
| 6    | DK2MN    | JO32PC  | 8095  | 38  | 213   | SK7MW  | 526 |
| 7    | DL1SUN   | JO53PN  | 7333  | 24  | 305.5 | DK0OG  | 585 |
| 8    | OK1VEI   | JN79CX  | 6549  | 34  | 192.6 | DK6AS  | 359 |
| 9    | PA3AWJ   | JO21GW  | 5933  | 20  | 296.6 | OE5MKM | 800 |
| 10   | DF9IC    | JN48IW  | 5816  | 17  | 342.1 | G4EAT  | 651 |
| 11   | PA0EZ    | JO22OF  | 5659  | 25  | 226.4 | SK7MW  | 622 |
| 12   | PA0S     | JO21FW  | 4215  | 19  | 221.8 | DM7A   | 615 |
| 13   | S51ZO    | JN86DR  | 4151  | 15  | 276.7 | DL6NAA | 511 |
| 14   | OK2BFF   | JO80HB  | 3893  | 25  | 155.7 | DL0GTH | 419 |
| 15   | OK1AIY/p | JO60LJ  | 3841  | 25  | 153.6 | DM0Y   | 326 |
| 16   | DD7MH    | JN68HD  | 3621  | 15  | 241.4 | DK6AS  | 490 |
| 17   | OK2JI    | JN89MW  | 3595  | 22  | 163.4 | DK2GR  | 464 |
| 18   | DC7QH    | JO62QN  | 3359  | 17  | 197.6 | PI4GN  | 455 |
| 19   | DK1CB    | JO53CL  | 3301  | 11  | 300.1 | DR5A   | 420 |
| 20   | DL1SUZ   | JO53UN  | 3296  | 14  | 235.4 | DL6NAA | 370 |
| 21   | PA5DD    | JO22IC  | 3160  | 13  | 243.1 | OE5MKM | 800 |
| 22   | PF2D     | JO21WX  | 2713  | 14  | 193.8 | DM7A   | 522 |
| 23   | DK1KC/p  | JN58QH  | 2591  | 11  | 235.5 | OK5Z   | 363 |
| 24   | OK1UEI   | JO70SS  | 2585  | 17  | 152.1 | DK0NA  | 280 |
| 25   | HA8MV/p  | KN06HT  | 2564  | 8   | 320.5 | OL2R   | 455 |
| 26   | DL3YCW   | JO41PU  | 2462  | 15  | 164.1 | PA6NL  | 354 |
| 27   | DL3HRT   | JO61AB  | 2144  | 14  | 153.1 | OE5MKM | 381 |
| 28   | DG2DAA   | JO62GU  | 1744  | 10  | 174.4 | DL6NAA | 296 |
| 29   | F6APE    | IN97QI  | 1641  | 7   | 234.4 | PA6NL  | 617 |
| 30   | DJ6TA    | JO30MS  | 1622  | 10  | 162.2 | PI4GN  | 288 |
| 31   | DG0ONW   | JO50LP  | 1620  | 10  | 162   | DM0Y   | 363 |
| 32   | DL2DR    | JO31TO  | 1385  | 11  | 125.9 | DM7A   | 395 |
| 33   | DL5YAD   | JO31TO  | 1351  | 9   | 150.1 | DK0NA  | 312 |
| 34   | SP6GWB/p | JO80JG  | 1345  | 9   | 149.4 | OE5MKM | 354 |
| 35   | OK2FUG   | JN99FU  | 1310  | 14  | 93.6  | OK1VEI | 304 |
| 36   | OK2BX    | JN79RL  | 1264  | 10  | 126.4 | DM7A   | 208 |
| 37   | DL4DTU   | JO61TB  | 1251  | 6   | 208.5 | DL1SUN | 320 |
| 38   | DK2DB    | JN48FW  | 1122  | 6   | 187   | DD7MH  | 319 |
| 39   | OK2UKG   | JN99FU  | 1073  | 12  | 89.4  | OK1VEI | 304 |
| 40   | F1BJD/p  | IN98WE  | 1023  | 6   | 170.5 | F1GPL  | 289 |
| 40   | OK2VMU   | JN99CH  | 1023  | 14  | 73.1  | OK5Z   | 157 |
| 42   | OK2PNQ   | JN89LE  | 1022  | 10  | 102.2 | OE3GWC | 163 |
| 43   | SP3TL    | JO72OR  | 992   | 5   | 198.4 | SN9D   | 430 |
| 44   | DG4DW    | JO31TO  | 979   | 9   | 108.8 | PA6NL  | 244 |
| 45   | PA0T     | JO33JC  | 930   | 7   | 132.9 | ON4SHF | 274 |
| 46   | PE1EWR   | JO11SL  | 896   | 8   | 112   | PI9A   | 265 |
| 47   | OK1DSO   | JO70DC  | 822   | 9   | 91.3  | OK2BFF | 166 |
| 48   | DL5MO    | JO50LP  | 792   | 7   | 113.1 | DF0YY  | 200 |
| 49   | DL1AXX   | JO31TO  | 788   | 6   | 131.3 | DK6AS  | 234 |
| 50   | SP3NK    | JO82LJ  | 720   | 5   | 144   | SN9D   | 334 |
| 51   | DF7DJ    | JO31TO  | 662   | 5   | 132.4 | PA6NL  | 244 |
| 52   | SP3BEK   | JO92DF  | 602   | 4   | 150.5 | SP3TL  | 216 |
| 53   | DL6NCI   | JO50VI  | 600   | 2   | 300   | OL2R   | 321 |
| 54   | DL7YS    | JO62NM  | 582   | 3   | 194   | DL0GTH | 263 |
| 55   | DL3YDP   | JO31NN  | 535   | 6   | 89.2  | PA6NL  | 211 |
| 56   | S57UMP   | JN76QK  | 360   | 2   | 180   | OM0C   | 283 |
| 57   | OK2XCG   | JN99JQ  | 352   | 6   | 58.7  | OM0C   | 161 |
| 58   | OK1VM    | JO60VR  | 349   | 3   | 116.3 | OK2BX  | 183 |
| 59   | SP3EPX   | JO83ID  | 343   | 3   | 114.3 | SP3BEK | 147 |

|    |          |        |     |   |      |         |     |
|----|----------|--------|-----|---|------|---------|-----|
| 60 | PA0WMX   | JO21XI | 338 | 5 | 67.6 | DF00L   | 105 |
| 61 | I1KFH    | JN45FG | 263 | 3 | 87.7 | IQ1KW   | 128 |
| 62 | SP9SOO   | JN99OV | 211 | 4 | 52.8 | OL7Q    | 65  |
| 63 | DL1DAW   | JO31TO | 200 | 2 | 100  | DK1PZ   | 142 |
| 64 | OK2BFH   | JN99JQ | 191 | 2 | 95.5 | OM0C    | 161 |
| 65 | DC5DJ    | JO31TO | 118 | 1 | 118  | DL3YCW  | 118 |
| 66 | SP6BTV/p | JO80JG | 88  | 1 | 88   | OL2R    | 88  |
| 67 | IW1IGM/3 | JN55PS | 84  | 1 | 84   | IQ3TR/3 | 84  |
| 68 | I1TEX    | JN35SA | 79  | 2 | 39.5 | IQ1KW   | 57  |
| 69 | IW3SPI   | JN66OD | 71  | 1 | 71   | IQ3TR/3 | 71  |
| 70 | DC9DD/p  | JO31TO | 26  | 1 | 26   | DJ5VW   | 26  |
| 71 | F6CXO    | JN03SL | 15  | 1 | 15   | F1EIT   | 15  |
| 72 | DL3DTS   | JO61TB | 0   | 0 | 0    | NONE    | 0   |

### 2.3 GHz Multi

| Rank | Call      | Locator | Score | QSO | Aver. | ODX       | QRB  |
|------|-----------|---------|-------|-----|-------|-----------|------|
| 1    | DM7A      | JO60LK  | 31083 | 86  | 361.4 | G3OHM/p   | 1100 |
| 2    | DL0GTH    | JO50JP  | 26372 | 81  | 325.6 | G3OHM/p   | 948  |
| 3    | PA6NL     | JO21BX  | 16910 | 56  | 302   | OE5MKM    | 827  |
| 4    | DF0YY     | JO62GD  | 11902 | 45  | 264.5 | PA6NL     | 575  |
| 5    | DM0Y      | JO73CF  | 10451 | 35  | 298.6 | DR5A      | 615  |
| 6    | OL2R      | JN89BO  | 10102 | 43  | 234.9 | DR5A      | 703  |
| 7    | DR5A      | JO30EM  | 10084 | 37  | 272.5 | OE5VRL/5  | 616  |
| 8    | PI9A      | JO33FB  | 9385  | 37  | 253.6 | DM7A      | 534  |
| 9    | OK5Z      | JN89AK  | 9055  | 43  | 210.6 | YU1JB     | 616  |
| 10   | PI4GN     | JO33II  | 8114  | 31  | 261.7 | SM7ECM    | 488  |
| 11   | OE5VRL/5  | JN78DK  | 8018  | 27  | 297   | IQ1KW     | 694  |
| 12   | TM5Z      | JN19BC  | 7366  | 19  | 387.7 | DM7A      | 791  |
| 13   | DK0R      | JO50AN  | 6877  | 30  | 229.2 | OK5Z      | 446  |
| 14   | ON4SHF    | JO20KW  | 6809  | 24  | 283.7 | DM7A      | 572  |
| 15   | M1CRO/p   | JO01PU  | 6575  | 32  | 205.5 | DK2MN     | 412  |
| 16   | OM0C      | JN88VJ  | 6133  | 28  | 219   | DL0GTH    | 563  |
| 17   | DL0V      | JO31LG  | 5822  | 34  | 171.2 | G3CKR/p   | 642  |
| 18   | DK0GYB    | JO51MN  | 5742  | 29  | 198   | OE5MKM    | 459  |
| 19   | DK0NA     | JO50TI  | 5450  | 26  | 209.6 | OK2KJT    | 472  |
| 20   | DF0MTL    | JO61JF  | 5415  | 27  | 200.6 | PI9A      | 477  |
| 21   | OK2KFJ    | JN88HU  | 5247  | 30  | 174.9 | DF0YY     | 466  |
| 22   | OL7Q      | JN99FN  | 5097  | 29  | 175.8 | DF0YY     | 504  |
| 23   | OK1KJB    | JN79IO  | 4941  | 27  | 183   | DK6AS     | 414  |
| 24   | OE3A      | JN77XX  | 4692  | 22  | 213.3 | YU1JB     | 497  |
| 25   | OL9W      | JN89JM  | 4505  | 25  | 180.2 | DL0GTH    | 446  |
| 26   | OK2KJT    | JN99AJ  | 4308  | 24  | 179.5 | DL0GTH    | 536  |
| 27   | PI4Z      | JO11WM  | 3813  | 20  | 190.7 | DL0GTH    | 492  |
| 28   | ON7WR     | JO20EP  | 3734  | 13  | 287.2 | DM7A      | 606  |
| 29   | OK1KIK    | JO70TQ  | 2883  | 21  | 137.3 | DL6NAA    | 276  |
| 30   | DR5Y      | JO61BQ  | 2685  | 17  | 157.9 | OK5Z      | 373  |
| 31   | OK1KKL    | JO70PO  | 2604  | 18  | 144.7 | OE5MKM    | 331  |
| 32   | OM3W      | JN99BB  | 2395  | 16  | 149.7 | DL6NAA    | 474  |
| 33   | DK0PU     | JO31JN  | 2333  | 20  | 116.7 | DM7A      | 449  |
| 34   | F6KPL     | IN99IO  | 2208  | 8   | 276   | G4KIY     | 339  |
| 35   | OK2KRT    | JN99CL  | 1895  | 19  | 99.7  | DM7A      | 390  |
| 36   | F5SDD/p   | JN24VC  | 1871  | 4   | 467.8 | TM5Z      | 622  |
| 37   | OK1KLL    | JN79IW  | 1739  | 14  | 124.2 | DF0YY     | 288  |
| 38   | DL0EE     | JN49GK  | 1658  | 10  | 165.8 | OE5MKM    | 420  |
| 39   | IQ1KW     | JN34NO  | 1569  | 7   | 224.1 | T7/IZ4BEH | 431  |
| 40   | OL4N      | JO60VR  | 938   | 6   | 156.3 | OL9W      | 252  |
| 41   | OM3KHE    | JN99JC  | 918   | 9   | 102   | OL2R      | 201  |
| 42   | SN9D      | JN99MQ  | 764   | 2   | 382   | SP3TL     | 430  |
| 43   | T7/IZ4BEH | JN63FW  | 667   | 2   | 333.5 | IQ1KW     | 431  |
| 44   | DL3LA     | JO51WH  | 636   | 5   | 127.2 | OK1KJB    | 276  |
| 45   | DK0SF/p   | JO62SK  | 628   | 6   | 104.7 | DL0GTH    | 275  |
| 46   | OK1KKD    | JO60WD  | 584   | 5   | 116.8 | OK2BFF    | 196  |
| 47   | OK2KYC    | JN99BM  | 558   | 10  | 55.8  | OK5Z      | 151  |
| 48   | OK2KYZ    | JN89XN  | 532   | 9   | 59.1  | OK5Z      | 139  |
| 48   | HG1W      | JN87GF  | 532   | 3   | 177.3 | HA8MV/p   | 313  |
| 50   | IQ3TR/3   | JN66DB  | 391   | 3   | 130.3 | T7/IZ4BEH | 236  |
| 51   | SP3YPX    | JO83ID  | 343   | 3   | 114.3 | SP3BEK    | 147  |
| 52   | IW1FGN/1  | JN35VC  | 318   | 4   | 79.5  | I2ITH     | 165  |
| 53   | 9A1CAW    | JN95GM  | 219   | 1   | 219   | S51ZO     | 219  |
| 54   | S59R      | JN76OM  | 86    | 1   | 86    | S51ZO     | 86   |
| 55   | DK0ZB     | JO42HG  | 77    | 2   | 38.5  | DL3YCW    | 65   |
| 56   | DN1DAW    | JO31TO  | 59    | 1   | 59    | DL0V      | 59   |
| 57   | IW6ATU/6  | JN63QN  | 14    | 1   | 14    | IW6AVW    | 14   |

### 3.4 GHz Single

| Rank | Call     | Locator | Score | QSO | Aver. | ODX      | QRB |
|------|----------|---------|-------|-----|-------|----------|-----|
| 1    | DK2MN    | JO32PC  | 4117  | 21  | 196   | DM7A     | 435 |
| 2    | DL1SUN   | JO53PN  | 2953  | 9   | 328.1 | OL2R     | 552 |
| 3    | G3XDY    | JO02OB  | 2810  | 11  | 255.5 | DM7A     | 836 |
| 4    | DL3IAS   | JN49EJ  | 2276  | 8   | 284.5 | DL1SUN   | 505 |
| 5    | PA0EZ    | JO22OF  | 2129  | 12  | 177.4 | DM7A     | 573 |
| 6    | PA3AWJ   | JO21GW  | 1869  | 7   | 267   | DM7A     | 609 |
| 7    | OK1AIY/p | JO60LJ  | 1744  | 13  | 134.2 | OM0C     | 414 |
| 8    | DD7MH    | JN68HD  | 1593  | 6   | 265.5 | DL0GTH   | 308 |
| 9    | DK1CB    | JO53CL  | 1528  | 5   | 305.6 | DM7A     | 387 |
| 10   | DL6NCI   | JO50VI  | 1367  | 3   | 455.7 | S55M     | 561 |
| 11   | DL2DR    | JO31TO  | 1350  | 9   | 150   | DM7A     | 395 |
| 12   | PA5DD    | JO22IC  | 1347  | 9   | 149.7 | G3XDY    | 239 |
| 13   | DL1SUZ   | JO53UN  | 1215  | 5   | 243   | DM7A     | 358 |
| 14   | DJ6TA    | JO30MS  | 1060  | 6   | 176.7 | DL0GTH   | 264 |
| 15   | DC7QH    | JO62QN  | 818   | 6   | 136.3 | DL0GTH   | 278 |
| 16   | DK2DB    | JN48FW  | 747   | 4   | 186.8 | DK0NA    | 277 |
| 17   | DL3YCW   | JO41PU  | 663   | 5   | 132.6 | PI9A     | 234 |
| 18   | OK2VMU   | JN99CH  | 467   | 5   | 93.4  | OK5Z     | 157 |
| 19   | DG2DAA   | JO62GU  | 434   | 4   | 108.5 | DL0GTH   | 273 |
| 20   | PA0T     | JO33JC  | 308   | 4   | 77    | PA5DD    | 179 |
| 21   | S51ZO    | JN86DR  | 303   | 2   | 151.5 | OM0C     | 217 |
| 22   | OK1IA    | JN79NU  | 243   | 2   | 121.5 | OK1AIY/p | 166 |
| 23   | OK2XCG   | JN99JQ  | 212   | 2   | 106   | OM0C     | 161 |
| 24   | S53MV    | JN75FO  | 157   | 2   | 78.5  | S59R     | 117 |
| 25   | OK1DSO   | JO70DC  | 120   | 2   | 60    | OK1KIR   | 85  |
| 26   | DG4DW    | JO31TO  | 85    | 2   | 42.5  | DL0V     | 59  |
| 27   | OK2BFH   | JN99JQ  | 51    | 1   | 51    | OK2KYC   | 51  |
| 28   | DC9DD/p  | JO31TO  | 26    | 1   | 26    | DJ5VW    | 26  |

### 3.4 GHz Multi

| Rank | Call    | Locator | Score | QSO | Aver. | ODX     | QRB  |
|------|---------|---------|-------|-----|-------|---------|------|
| 1    | DM7A    | JO60LK  | 12868 | 34  | 378.5 | G8IFT/p | 1100 |
| 2    | DL0GTH  | JO50JP  | 11896 | 37  | 321.5 | G8IFT/p | 948  |
| 3    | OL2R    | JN89BO  | 4818  | 20  | 240.9 | DL1SUN  | 552  |
| 4    | PA6NL   | JO21BX  | 4682  | 17  | 275.4 | OL4A    | 667  |
| 5    | OM0C    | JN88VJ  | 4229  | 15  | 281.9 | DL0GTH  | 563  |
| 6    | DK0NA   | JO50TI  | 4038  | 16  | 252.4 | PA6NL   | 553  |
| 7    | OL4A    | JO60RN  | 3182  | 16  | 198.9 | PA6NL   | 667  |
| 8    | OK5Z    | JN89AK  | 3170  | 16  | 198.1 | S55M    | 462  |
| 9    | PI9A    | JO33FB  | 3164  | 19  | 166.5 | DL0GTH  | 401  |
| 10   | OK1KIR  | JO60PM  | 3072  | 17  | 180.7 | OM0C    | 402  |
| 11   | S55M    | JN65XM  | 2899  | 8   | 362.4 | DL6NCI  | 561  |
| 12   | DF0YY   | JO62GD  | 2766  | 15  | 184.4 | DK2MN   | 358  |
| 13   | DL0V    | JO31LG  | 2743  | 15  | 182.9 | DM7A    | 431  |
| 14   | PI4Z    | JO11WM  | 2274  | 10  | 227.4 | DL0GTH  | 492  |
| 15   | PI4GN   | JO33II  | 1892  | 11  | 172   | DK0NA   | 474  |
| 16   | OK1KIK  | JO70TQ  | 1536  | 9   | 170.7 | OM0C    | 299  |
| 17   | OK2KFJ  | JN88HU  | 1526  | 8   | 190.8 | DM7A    | 317  |
| 18   | DK0PU   | JO31JN  | 1157  | 7   | 165.3 | DM7A    | 449  |
| 19   | DF0MTL  | JO61JF  | 1066  | 7   | 152.3 | DL1SUN  | 278  |
| 20   | M1CRO/p | JO01PU  | 967   | 7   | 138.1 | G8IFT/p | 276  |
| 21   | OK2KJT  | JN99AJ  | 795   | 5   | 159   | DM7A    | 382  |
| 22   | DK0ZB   | JO42HG  | 794   | 6   | 132.3 | DM7A    | 363  |
| 23   | OK1KLL  | JN79IW  | 751   | 7   | 107.3 | DM7A    | 136  |
| 24   | OK1KKD  | JO60WD  | 559   | 6   | 93.2  | OL2R    | 172  |
| 25   | S59R    | JN76OM  | 350   | 3   | 116.7 | S55M    | 147  |
| 26   | OK2KYC  | JN99BM  | 253   | 3   | 84.3  | OK5Z    | 151  |

### 5.7 GHz Single

| Rank | Call     | Locator | Score | QSO | Aver. | ODX      | QRB |
|------|----------|---------|-------|-----|-------|----------|-----|
| 1    | G3XDY    | JO02OB  | 3979  | 13  | 306.1 | DM7A     | 836 |
| 2    | PA3AWJ   | JO21GW  | 2823  | 12  | 235.3 | DM7A     | 609 |
| 3    | OK1AIY/p | JO60LJ  | 2398  | 18  | 133.2 | OE3WOG/2 | 294 |
| 4    | DK2MN    | JO32PC  | 2283  | 14  | 163.1 | DK0NA    | 359 |
| 5    | DL1SUN   | JO53PN  | 2247  | 8   | 280.9 | DM7A     | 365 |
| 6    | DL6NCI   | JO50VI  | 2187  | 7   | 312.4 | S55M     | 561 |
| 7    | PA0EZ    | JO22OF  | 1928  | 11  | 175.3 | DL0GTH   | 425 |
| 8    | DD7MH    | JN68HD  | 1720  | 7   | 245.7 | DL0GTH   | 308 |
| 9    | S51ZO    | JN86DR  | 1673  | 7   | 239   | IW6ATU/6 | 419 |
| 10   | F8BRK    | IN99VF  | 1654  | 7   | 236.3 | G4BEL    | 348 |
| 11   | OK1UEI   | JO70SS  | 1602  | 11  | 145.6 | DK0NA    | 280 |
| 12   | OE3WOG/2 | JN67RS  | 1265  | 5   | 253   | DL6NCI   | 312 |
| 13   | OK2TT    | JO80OB  | 1259  | 10  | 125.9 | DM7A     | 305 |
| 14   | S53MV    | JN75FO  | 1225  | 8   | 153.1 | I3ZVN/3  | 247 |
| 15   | DL1SUZ   | JO53UN  | 1136  | 5   | 227.2 | DM7A     | 358 |
| 16   | OK2QI    | JO80NC  | 1000  | 7   | 142.9 | DM7A     | 298 |
| 17   | F1BJD/p  | IN98WE  | 859   | 3   | 286.3 | F5SDD/p  | 643 |
| 18   | DL3IAS   | JN49EJ  | 756   | 4   | 189   | HB9AMH/p | 260 |
| 19   | DK2DB    | JN48FW  | 696   | 3   | 232   | DK0NA    | 277 |
| 20   | SP9SOO   | JN99OV  | 683   | 6   | 113.8 | OL2R     | 224 |
| 21   | F6APE    | IN97QI  | 592   | 3   | 197.3 | TM5Z     | 281 |
| 22   | I3ZHN    | JN65EP  | 563   | 6   | 93.8  | S53MV    | 162 |
| 23   | OM3ID    | JN88LE  | 549   | 3   | 183   | OK2TT    | 209 |
| 24   | OK2VMU   | JN99CH  | 547   | 4   | 136.8 | OK5Z     | 157 |
| 25   | OK1DSO   | JO70DC  | 468   | 5   | 93.6  | OK1UEI   | 115 |
| 26   | PA5DD    | JO22IC  | 448   | 4   | 112   | PI4GN    | 193 |
| 27   | DL2DR    | JO31TO  | 431   | 4   | 107.8 | PA6NL    | 244 |
| 28   | DL4WO/p  | JO71DB  | 394   | 3   | 131.3 | DL6NCI   | 193 |
| 29   | S59R     | JN76OM  | 366   | 4   | 91.5  | S55M     | 147 |
| 30   | S57UMP   | JN76QK  | 282   | 3   | 94    | S55M     | 149 |
| 31   | I1KFH    | JN45FG  | 208   | 2   | 104   | IQ1KW    | 128 |
| 32   | OK2VJC   | JN99CL  | 201   | 2   | 100.5 | OK2QI    | 104 |
| 33   | DL4DTU   | JO61TB  | 162   | 3   | 54    | DM7A     | 84  |
| 34   | IW3SPI   | JN66OD  | 115   | 2   | 57.5  | S55M     | 91  |
| 35   | OK2BFH   | JN99JQ  | 89    | 2   | 44.5  | OK2KYC   | 51  |
| 35   | OK2XCG   | JN99JQ  | 89    | 2   | 44.5  | OK2KYC   | 51  |
| 37   | I1TEX    | JN35SA  | 57    | 1   | 57    | IQ1KW    | 57  |
| 38   | DJ6TA    | JO30MS  | 56    | 1   | 56    | DL0V     | 56  |
| 39   | DC9DD/p  | JO31TO  | 26    | 1   | 26    | DJ5VW    | 26  |
| 39   | DG4DW    | JO31TO  | 26    | 1   | 26    | DJ5VW    | 26  |
| 41   | DG2DAA   | JO62GU  | 17    | 1   | 17    | DG0RG    | 17  |
| 42   | PA1NG/p  | JO33EB  | 0     | 0   | 0     | NONE     | 0   |

**5.7 GHz Multi**

| Rank | Call     | Locator | Score | QSO | Aver. | ODX      | QRB  |
|------|----------|---------|-------|-----|-------|----------|------|
| 1    | DM7A     | JO60LK  | 11675 | 36  | 324.3 | G8IFT/p  | 1100 |
| 2    | DL0GTH   | JO50JP  | 8327  | 27  | 308.4 | M0EYT/p  | 919  |
| 3    | OL2R     | JN89BO  | 5599  | 26  | 215.3 | S55M     | 482  |
| 4    | OE5VRL/5 | JN78DK  | 4765  | 18  | 264.7 | DF0YY    | 430  |
| 5    | OL4A     | JO60RN  | 4183  | 24  | 174.3 | DL1SUN   | 365  |
| 6    | DK0NA    | JO50TI  | 3843  | 19  | 202.3 | DK2MN    | 359  |
| 7    | PA6NL    | JO21BX  | 3731  | 15  | 248.7 | DM7A     | 638  |
| 8    | S55M     | JN65XM  | 3428  | 15  | 228.5 | DL6NCI   | 561  |
| 9    | OK5Z     | JN89AK  | 3423  | 19  | 180.2 | DK0NA    | 332  |
| 10   | OK1KIR   | JO60PM  | 2714  | 16  | 169.6 | DL1SUN   | 364  |
| 11   | DF0YY    | JO62GD  | 2560  | 12  | 213.3 | OE5VRL/5 | 430  |
| 12   | TM5Z     | JN19BC  | 2423  | 8   | 302.9 | DL0GTH   | 644  |
| 13   | ON4SHF   | JO20KW  | 2183  | 9   | 242.6 | DM7A     | 572  |
| 14   | IQ1KW    | JN34NO  | 2004  | 8   | 250.5 | S55M     | 546  |
| 15   | M1CRO/p  | JO01PU  | 1947  | 11  | 177   | TM5Z     | 311  |
| 16   | DL0V     | JO31LG  | 1936  | 12  | 161.3 | DL0GTH   | 277  |
| 17   | OK2KYC   | JN99BM  | 1593  | 11  | 144.8 | DM7A     | 383  |
| 18   | OK2KJT   | JN99AJ  | 1497  | 8   | 187.1 | DM7A     | 382  |
| 19   | OK1KIK   | JO70TQ  | 1410  | 10  | 141   | OE5VRL/5 | 268  |
| 20   | PI4GN    | JO33II  | 1406  | 9   | 156.2 | ON4SHF   | 296  |
| 21   | PI4TUE   | JO21RK  | 1389  | 8   | 173.6 | G3XDY    | 301  |
| 22   | OK2KFJ   | JN88HU  | 1378  | 6   | 229.7 | DL0GTH   | 464  |
| 23   | OK1KKL   | JO70PO  | 1374  | 11  | 124.9 | OE5VRL/5 | 251  |
| 24   | PI9A     | JO33FB  | 1348  | 10  | 134.8 | DC9KK    | 254  |
| 25   | OE3A     | JN77XX  | 1083  | 6   | 180.5 | DL6NCI   | 401  |
| 26   | DF0MTL   | JO61JF  | 895   | 7   | 127.9 | DL2NUD   | 223  |
| 27   | IW6ATU/6 | JN63QN  | 759   | 3   | 253   | I3ZVN/3  | 295  |
| 28   | DK0ZB    | JO42HG  | 729   | 5   | 145.8 | DM7A     | 363  |
| 29   | OK1KKD   | JO60WD  | 681   | 7   | 97.3  | OL2R     | 172  |
| 30   | F5SDD/p  | JN24VC  | 643   | 1   | 643   | F1BJD/p  | 643  |
| 31   | IQ3TR/3  | JN66DB  | 571   | 6   | 95.2  | S53MV    | 175  |
| 32   | HG1W     | JN87GF  | 307   | 2   | 153.5 | OK5Z     | 248  |
| 33   | PI4Z     | JO11WM  | 160   | 2   | 80    | ON4SHF   | 95   |

## 10 GHz Single

| Rank | Call     | Locator | Score | QSO | Aver. | ODX      | QRB |
|------|----------|---------|-------|-----|-------|----------|-----|
| 1    | OK1VAM/p | JO60LJ  | 9842  | 53  | 185.7 | DG1GLH/p | 455 |
| 2    | OK1DST   | JN79IX  | 8237  | 47  | 175.3 | 9A1Z     | 408 |
| 3    | DL6NCI   | JO50VI  | 7826  | 40  | 195.7 | OK2KJT   | 460 |
| 4    | OE5MKM   | JN67UT  | 6831  | 22  | 310.5 | PA5DD    | 800 |
| 5    | OK2PWY   | JO80HB  | 6072  | 41  | 148.1 | 9A1Z     | 399 |
| 6    | OK2TT    | JO80OB  | 5211  | 36  | 144.8 | DF0YY    | 399 |
| 7    | OM3LQ    | JN88MK  | 5046  | 27  | 186.9 | S55M     | 399 |
| 8    | I4XCC    | JN63GV  | 4416  | 17  | 259.8 | OK5Z     | 671 |
| 9    | 9A1Z     | JN86EL  | 3677  | 15  | 245.1 | OK1DST   | 408 |
| 10   | G3XDY    | JO02OB  | 3636  | 14  | 259.7 | DL0GTH   | 683 |
| 11   | S51ZO    | JN86DR  | 3349  | 16  | 209.3 | I6XCK/6  | 419 |
| 12   | OK1VEI   | JN79CX  | 3273  | 26  | 125.9 | OM5M     | 271 |
| 13   | DK2MN    | JO32PC  | 3125  | 20  | 156.3 | DK0NA    | 359 |
| 14   | PA0EZ    | JO22OF  | 3088  | 18  | 171.6 | OE5MKM   | 780 |
| 15   | OM3ID    | JN88LE  | 3026  | 19  | 159.3 | DM7A     | 383 |
| 16   | OK1UEI   | JO70SS  | 2911  | 22  | 132.3 | DK0NA    | 280 |
| 17   | IZ2FOB/2 | JN55EU  | 2894  | 14  | 206.7 | I6XCK/6  | 348 |
| 18   | OK2QI    | JO80NC  | 2781  | 21  | 132.4 | OK1VAM/p | 298 |
| 19   | DL4BBU/p | JO31LP  | 2559  | 16  | 159.9 | OK1VAM/p | 442 |
| 20   | PA0WMX   | JO21XI  | 2253  | 14  | 160.9 | DL0GTH   | 347 |
| 21   | DD7MH    | JN68HD  | 2225  | 11  | 202.3 | OL2R     | 303 |
| 22   | DL1SUN   | JO53PN  | 2204  | 9   | 244.9 | OK4W     | 366 |
| 23   | DC7QH    | JO62QN  | 1926  | 11  | 175.1 | DK2GR    | 419 |
| 24   | OE3WOG/2 | JN67RS  | 1916  | 8   | 239.5 | DL6NCI   | 312 |
| 25   | PA3AWJ   | JO21GW  | 1878  | 8   | 234.8 | DM7A     | 609 |
| 26   | F8BRK    | IN99VF  | 1876  | 9   | 208.4 | G4BEL    | 348 |
| 27   | S53MV    | JN75FO  | 1850  | 10  | 185   | I3ZJL/3  | 247 |
| 28   | OM3CLS   | JN99EH  | 1773  | 16  | 110.8 | OK1DST   | 274 |
| 29   | DG2DAA   | JO62GU  | 1770  | 10  | 177   | DL0GTH   | 273 |
| 30   | DK1KC/p  | JN58QH  | 1649  | 8   | 206.1 | OK1KIR   | 282 |
| 31   | OE3WRA   | JN77HX  | 1546  | 8   | 193.3 | DL6NCI   | 335 |
| 32   | OK1IA    | JN79NU  | 1477  | 14  | 105.5 | OK1VAM/p | 166 |
| 33   | DL4DTU   | JO61TB  | 1465  | 12  | 122.1 | DL1SUN   | 320 |
| 34   | S57Q     | JN76PB  | 1431  | 10  | 143.1 | I4XCC    | 323 |
| 35   | DL4WO/p  | JO71DB  | 1414  | 12  | 117.8 | DK0NA    | 203 |
| 36   | PA0S     | JO21FW  | 1378  | 11  | 125.3 | G3XDY    | 223 |
| 37   | DO6NX    | JO50VI  | 1182  | 6   | 197   | OE5MKM   | 315 |
| 38   | OK1VM    | JO60VR  | 1141  | 14  | 81.5  | OK1UEI   | 123 |
| 39   | SP9FG    | JN99XF  | 1085  | 8   | 135.6 | OK2QI    | 226 |
| 40   | DL3IAS   | JN49EJ  | 1080  | 6   | 180   | HB9AMH/p | 260 |
| 41   | DL5YWM   | JO61OA  | 1045  | 9   | 116.1 | DM0Y     | 255 |
| 42   | PA5DD    | JO22IC  | 996   | 9   | 110.7 | DR5A     | 211 |
| 43   | SP9SOO   | JN99OV  | 975   | 11  | 88.6  | OL2R     | 224 |
| 44   | F6APE    | IN97QI  | 965   | 6   | 160.8 | F6FHP    | 292 |
| 44   | DL1SUZ   | JO53UN  | 965   | 5   | 193   | DM7A     | 358 |
| 46   | OK1UFL   | JO70SQ  | 921   | 7   | 131.6 | OK1VAM/p | 185 |
| 47   | IW3SPI   | JN66OD  | 920   | 4   | 230   | I6XCK/6  | 287 |
| 48   | DG6QF    | JO61OA  | 853   | 7   | 121.9 | DM0Y     | 255 |
| 49   | S50TA    | JN76GH  | 784   | 4   | 196   | I4XCC    | 311 |
| 50   | DL6UFN   | JO61OA  | 764   | 8   | 95.5  | OK1UEI   | 166 |
| 51   | OK2UGG   | JN89DO  | 760   | 9   | 84.4  | OL7Q     | 156 |
| 52   | I3ZHN    | JN65EP  | 715   | 8   | 89.4  | S53MV    | 162 |
| 53   | SP9MX    | JO90OP  | 685   | 6   | 114.2 | SP9FG    | 166 |
| 54   | DJ6BU/p  | JO40XL  | 667   | 5   | 133.4 | DR5A     | 253 |
| 55   | OK2BPR   | JN99FU  | 606   | 10  | 60.6  | SP9FG    | 129 |
| 56   | OK2VJC   | JN99CL  | 586   | 11  | 53.3  | OK2PWY   | 131 |
| 57   | DK2DB    | JN48FW  | 567   | 3   | 189   | DK0NA    | 277 |
| 58   | SP7NJX/p | JO70QV  | 525   | 4   | 131.3 | OK2TT    | 159 |
| 59   | F4DXX    | IN97LH  | 506   | 4   | 126.5 | TM5Z     | 308 |



|    |          |        |     |   |       |          |     |
|----|----------|--------|-----|---|-------|----------|-----|
| 60 | DG0ONW   | JO50LP | 482 | 3 | 160.7 | DC7QH    | 270 |
| 61 | HA8MV/p  | KN06HT | 476 | 2 | 238   | S51ZO    | 330 |
| 62 | I1TEX    | JN35SA | 475 | 5 | 95    | IZ2FOB/2 | 240 |
| 63 | OK2BXE   | JN89SJ | 459 | 7 | 65.6  | OK2PWY   | 99  |
| 64 | OK2VMU   | JN99CH | 454 | 4 | 113.5 | OK5Z     | 157 |
| 65 | OK2XCG   | JN99JQ | 439 | 8 | 54.9  | SP9MX    | 111 |
| 66 | PA0T     | JO33JC | 434 | 4 | 108.5 | PA0S     | 204 |
| 67 | F1BJD/p  | IN98WE | 415 | 4 | 103.8 | F4DXX    | 119 |
| 68 | DJ6TA    | JO30MS | 412 | 5 | 82.4  | DK2MN    | 149 |
| 69 | HB9ABN   | JN47QK | 362 | 3 | 120.7 | HB9AMH/p | 166 |
| 70 | SP6LB/M  | JO70VX | 349 | 4 | 87.3  | SP6GWB/p | 106 |
| 71 | F6CXO    | JN03SL | 348 | 1 | 348   | F5SDD/p  | 348 |
| 72 | OK2UUJ   | JO80NB | 345 | 6 | 57.5  | OK5Z     | 104 |
| 73 | SP3TL    | JO72OR | 340 | 2 | 170   | SP3BEK   | 216 |
| 74 | DL2DR    | JO31TO | 326 | 6 | 54.3  | DK0ZB    | 101 |
| 75 | S57UMP   | JN76QK | 324 | 4 | 81    | S55M     | 149 |
| 76 | SP3BEK   | JO92DF | 308 | 2 | 154   | SP3TL    | 216 |
| 77 | OK2BFH   | JN99JQ | 266 | 6 | 44.3  | SP9MX    | 111 |
| 78 | SP9QZO   | JN99MQ | 263 | 4 | 65.8  | SP9MX    | 107 |
| 79 | S51RM    | JN76JB | 236 | 3 | 78.7  | S51ZO    | 137 |
| 80 | DH8AG    | JO31RL | 218 | 5 | 43.6  | DK0ZB    | 119 |
| 81 | SP3NK    | JO82LJ | 216 | 2 | 108   | SP3TL    | 124 |
| 82 | SP3JBI   | JO91BR | 212 | 1 | 212   | SN7V     | 212 |
| 83 | DL3DTS   | JO61TB | 184 | 3 | 61.3  | DM7A     | 84  |
| 84 | F8ESA/p  | JN19OT | 137 | 1 | 137   | F6DKW    | 137 |
| 85 | DL8DAI/p | JO31RH | 132 | 5 | 26.4  | DL4BBU/p | 51  |
| 86 | SP6BTV/p | JO80JG | 117 | 5 | 23.4  | OL2R     | 88  |
| 87 | SP6OPX/p | JO80JG | 114 | 2 | 57    | OL2R     | 88  |
| 88 | DG4DW    | JO31TO | 106 | 3 | 35.3  | DL4BBU/p | 46  |
| 89 | HB9MDP/p | JN47KJ | 81  | 1 | 81    | DG1GLH/p | 81  |
| 90 | I1KFH/1  | JN45FG | 80  | 1 | 80    | HB9SV    | 80  |
| 91 | DB2ZK/p  | JO40RW | 62  | 1 | 62    | DJ6BU/p  | 62  |
| 92 | DL7VGP/p | JO62NC | 40  | 1 | 40    | DF0YY    | 40  |
| 93 | DC9DD/p  | JO31TO | 26  | 1 | 26    | DJ5VW    | 26  |
| 94 | DL7AIG/p | JO62HA | 15  | 1 | 15    | DF0YY    | 15  |
| 95 | DL5MO    | JO50LP | 12  | 1 | 12    | DL0GTH   | 12  |

### 10 GHz Multi

| Rank | Call      | Locator | Score | QSO | Aver. | ODX      | QRB  |
|------|-----------|---------|-------|-----|-------|----------|------|
| 1    | DM7A      | JO60LK  | 18807 | 72  | 261.2 | M0EYT/p  | 1074 |
| 2    | DL0GTH    | JO50JP  | 15178 | 54  | 281.1 | M0EYT/p  | 919  |
| 3    | OL4A      | JO60RN  | 12870 | 61  | 211   | PA6NL    | 667  |
| 4    | OK5Z      | JN89AK  | 10873 | 57  | 190.8 | I4XCC    | 671  |
| 5    | OL2R      | JN89BO  | 9820  | 53  | 185.3 | S55M     | 482  |
| 6    | OE5VRL/5  | JN78DK  | 9307  | 36  | 258.5 | I6XCK/6  | 546  |
| 7    | OK4W      | JO60JJ  | 8886  | 44  | 202   | G3XDY    | 826  |
| 8    | OK1KIR    | JO60PM  | 7910  | 37  | 213.8 | DL0V     | 452  |
| 9    | DK0NA     | JO50TI  | 7040  | 40  | 176   | ON4SHF   | 480  |
| 10   | PA6NL     | JO21BX  | 6910  | 28  | 246.8 | OL4A     | 667  |
| 11   | OM5M      | JN88RS  | 6730  | 33  | 203.9 | I4XCC    | 660  |
| 12   | S55M      | JN65XM  | 6671  | 27  | 247.1 | DL6NCI   | 561  |
| 13   | OK2KJT    | JN99AJ  | 5285  | 30  | 176.2 | DL6NCI   | 460  |
| 14   | DF0YY     | JO62GD  | 5165  | 29  | 178.1 | OK2TT    | 399  |
| 15   | DM0Y      | JO73CF  | 4933  | 22  | 224.2 | DL0GTH   | 370  |
| 16   | OM3W      | JN99BB  | 4751  | 28  | 169.7 | OK1KRQ   | 415  |
| 17   | IW6CVN/6  | JN63QN  | 4750  | 15  | 316.7 | OM5M     | 658  |
| 18   | IQ1KW     | JN34NO  | 4426  | 16  | 276.6 | S55M     | 546  |
| 19   | OM0C      | JN88VJ  | 4410  | 23  | 191.7 | S55M     | 432  |
| 20   | M1CRO/p   | JO01PU  | 4093  | 21  | 194.9 | PI9A     | 375  |
| 21   | SP6VGJ/p  | JO80JG  | 3923  | 24  | 163.5 | DK0NA    | 367  |
| 22   | SP9TTG/p  | JO80JG  | 3676  | 26  | 141.4 | DK0NA    | 367  |
| 23   | OK2KYC    | JN99BM  | 3423  | 27  | 126.8 | DM7A     | 383  |
| 24   | ON4SHF    | JO20KW  | 3336  | 16  | 208.5 | OE5MKM   | 727  |
| 25   | DL0V      | JO31LG  | 3187  | 20  | 159.3 | OK4W     | 421  |
| 26   | T7/IZ4BEH | JN63FW  | 3124  | 14  | 223.1 | IQ1KW    | 431  |
| 27   | PI9A      | JO33FB  | 3002  | 18  | 166.8 | G3XDY    | 372  |
| 28   | DR5A      | JO30EM  | 2992  | 19  | 157.5 | DL0GTH   | 312  |
| 29   | OK2KRT    | JN99CL  | 2833  | 25  | 113.3 | OK1KIR   | 370  |
| 30   | OE3A      | JN77XX  | 2814  | 15  | 187.6 | DL6NCI   | 401  |
| 31   | OL3Z      | JN79FX  | 2756  | 22  | 125.3 | DL0GTH   | 271  |
| 32   | PI4Z      | JO11WM  | 2755  | 16  | 172.2 | G5B      | 306  |
| 33   | OK1KKD    | JO60WD  | 2701  | 22  | 122.8 | OK2TT    | 238  |
| 34   | OM3KHE    | JN99JC  | 2664  | 19  | 140.2 | OL4A     | 415  |
| 35   | PE1MMP    | JO21VT  | 2604  | 16  | 162.8 | G4BEL    | 392  |
| 36   | TM5Z      | JN19BC  | 2418  | 9   | 268.7 | DL0GTH   | 644  |
| 37   | OM3KEG    | JN98ET  | 2376  | 15  | 158.4 | OK1VAM/p | 428  |
| 38   | OK1KIK    | JO70TQ  | 2361  | 18  | 131.2 | OE5VRL/5 | 268  |
| 39   | SP6GWB/p  | JO80JG  | 2383  | 18  | 132.4 | OE5MKM   | 354  |
| 40   | OK1KRQ    | JN69GX  | 2354  | 15  | 156.9 | SP9TTG/p | 305  |
| 41   | OK2KFJ    | JN88HU  | 2345  | 17  | 137.9 | DM7A     | 317  |
| 42   | S59R      | JN76OM  | 2344  | 15  | 156.3 | OK2KJT   | 383  |
| 43   | PI4TUE    | JO21RK  | 2339  | 11  | 212.6 | OL4A     | 568  |
| 44   | OL7Q      | JN99FN  | 2242  | 22  | 101.9 | OL4A     | 374  |
| 45   | OK1KHQ    | JO70LR  | 1971  | 18  | 109.5 | OK5Z     | 163  |
| 46   | OM8A      | JN87WV  | 1937  | 12  | 161.4 | OK1KIR   | 442  |
| 47   | OK1KLL    | JN79IW  | 1854  | 17  | 109.1 | DD7MH    | 250  |
| 48   | HG1W      | JN87GF  | 1853  | 12  | 154.4 | OL2R     | 266  |
| 49   | SN7V      | JO70QV  | 1632  | 13  | 125.5 | DF0YY    | 240  |
| 50   | ON7WR     | JO20EP  | 1468  | 7   | 209.7 | DM7A     | 606  |
| 51   | PI4GN     | JO33II  | 1365  | 9   | 151.7 | DJ5BV    | 333  |
| 52   | DF0MTL    | JO61JF  | 1310  | 12  | 109.2 | DM0Y     | 242  |
| 53   | I3OPW     | JN65AW  | 1264  | 12  | 105.3 | I4XCC    | 230  |
| 54   | OL4N      | JO60VR  | 1210  | 15  | 80.7  | OK1UEI   | 123  |
| 55   | IQ3TR/3   | JN66DB  | 1107  | 9   | 123   | I4XCC    | 241  |
| 56   | F5SDD/p   | JN24VC  | 991   | 2   | 495.5 | F1BJD/p  | 643  |
| 57   | ON4HRT/p  | JO20MW  | 949   | 5   | 189.8 | DL0GTH   | 405  |
| 58   | DK0ZB     | JO42HG  | 730   | 6   | 121.7 | DJ5BV    | 245  |
| 59   | DQ8N      | JO50RK  | 633   | 8   | 79.1  | OL4A     | 142  |

|    |        |        |     |   |       |          |     |
|----|--------|--------|-----|---|-------|----------|-----|
| 60 | OK1OTS | JO70NJ | 622 | 6 | 103.7 | DM7A     | 154 |
| 61 | DL3LA  | JO51WH | 621 | 5 | 124.2 | OL4A     | 139 |
| 62 | SN9D   | JN99MQ | 522 | 9 | 58    | SP9MX    | 107 |
| 63 | DR5Y   | JO61BQ | 516 | 4 | 129   | OK1VAM/p | 155 |
| 64 | S59P   | JN86AO | 109 | 3 | 36.3  | S59R     | 64  |
| 65 | 9A1CMS | JN86DM | 8   | 1 | 8     | 9A1Z     | 8   |

**mm single**

| Rank | Call     | Locator | Score | QSO |
|------|----------|---------|-------|-----|
| 1    | OK1AIY/p | JO60LJ  | 3770  | 26  |
| 2    | OK1UEI   | JO70SS  | 1851  | 15  |
| 3    | OK1DST   | JN79IX  | 1669  | 16  |
| 4    | OK1EM    | JO70TQ  | 1440  | 10  |
| 5    | OK1IA    | JN79NU  | 1139  | 12  |
| 6    | OK1JHM   | JO70CO  | 1104  | 12  |
| 7    | DL6NCI   | JO50VI  | 989   | 10  |
| 8    | S53MV    | JN75FO  | 932   | 4   |
| 9    | OK1UFL   | JO70SQ  | 842   | 10  |
| 10   | DL4WO/p  | JO71DB  | 811   | 8   |
| 11   | OK2BFF   | JO80HB  | 763   | 8   |
| 12   | DJ6BU/p  | JO40XL  | 682   | 7   |
| 13   | S51JN    | JN65XM  | 535   | 4   |
| 14   | OE3WOG/2 | JN67RS  | 516   | 4   |
| 15   | DL4BBU/p | JO31LP  | 513   | 9   |
| 16   | OK2BPR   | JN99FU  | 458   | 7   |
| 17   | OK2QI    | JO80NC  | 323   | 4   |
| 18   | OK2VJC   | JN99CL  | 263   | 5   |
| 19   | DH6FAE/p | JO40SN  | 248   | 2   |
| 20   | DL8DAI/p | JO31RH  | 230   | 5   |
| 21   | DB2ZK/p  | JO40RW  | 186   | 2   |
| 22   | SP9QZO   | JN99MQ  | 179   | 3   |
| 23   | OK1VM    | JO60VR  | 157   | 2   |
| 24   | PF2D     | JO21WX  | 155   | 3   |
| 25   | OM3LQ    | JN88MK  | 146   | 1   |
| 26   | PA3AWJ   | JO21GW  | 143   | 2   |
| 27   | DL7VGP/p | JO62NC  | 120   | 2   |
| 28   | DK2MN    | JO32PC  | 111   | 2   |
| 29   | SP9MX    | JO90OP  | 107   | 1   |
| 30   | DG4DW    | JO31TO  | 106   | 3   |
| 30   | DL2DR    | JO31TO  | 106   | 3   |
| 32   | DK2TG/p  | JO51SN  | 94    | 1   |
| 33   | PA5DD    | JO22IC  | 79    | 2   |
| 34   | I1TEX    | JN35SA  | 57    | 1   |
| 35   | SP9SOO   | JN99OV  | 52    | 2   |
| 36   | PA0T     | JO33JC  | 51    | 2   |
| 37   | PA0EZ    | JO22OF  | 49    | 7   |
| 38   | DL7AIG/p | JO62HA  | 45    | 2   |
| 39   | OK1VRL   | JO70CK  | 38    | 1   |
| 40   | PA1NG/p  | JO33EB  | 30    | 2   |
| 41   | DC9DD/p  | JO31TO  | 26    | 1   |
| 42   | PA0JCA/p | JO33HI  | 18    | 1   |
| 43   | DL4DTU   | JO61TB  | 13    | 1   |

**mm multi**

| Rank | Call     | Locator | Score | QSO |
|------|----------|---------|-------|-----|
| 1    | OK1KIK   | JO70TQ  | 1441  | 10  |
| 2    | DM7A     | JO60LK  | 1407  | 14  |
| 3    | OL2R     | JN89BO  | 1247  | 12  |
| 4    | DK0NA    | JO50TI  | 997   | 11  |
| 5    | DF0YY    | JO62GD  | 915   | 10  |
| 6    | OK1KKD   | JO60WD  | 868   | 8   |
| 7    | DL0GTH   | JO50JP  | 857   | 9   |
| 7    | OK1KIR   | JO60PM  | 857   | 8   |
| 9    | OE5VRL/5 | JN78DK  | 487   | 3   |
| 10   | DF0MTL   | JO61JF  | 463   | 4   |
| 11   | I3OPW/3  | JN65AW  | 429   | 6   |
| 12   | PE1MMP   | JO21VT  | 349   | 5   |
| 13   | IQ3TR/3  | JN66DB  | 315   | 5   |
| 14   | PA6NL    | JO21BX  | 302   | 4   |
| 15   | OK2KYC   | JN99BM  | 253   | 5   |
| 16   | OE3A     | JN77XX  | 206   | 2   |
| 17   | DL0V     | JO31LG  | 186   | 9   |
| 18   | PI9A     | JO33FB  | 176   | 6   |
| 19   | DQ8N     | JO50RK  | 158   | 2   |
| 20   | OL4N     | JO60VR  | 157   | 2   |
| 21   | DL7AIG/p | JO62HA  | 150   | 1   |
| 21   | DL7UHU/p | JO62HA  | 150   | 1   |
| 23   | IQ1KW    | JN34NO  | 118   | 2   |
| 24   | PI4GN    | JO33II  | 112   | 3   |
| 25   | DC0KO/p  | JO31TP  | 110   | 3   |
| 25   | DG4DW    | JO31TP  | 110   | 3   |
| 27   | DL0BFA/p | JO51QN  | 103   | 1   |
| 28   | DC9DD/p  | JO31TO  | 100   | 2   |
| 28   | DL2DR    | JO31TO  | 100   | 2   |
| 30   | ON4SHF   | JO20KW  | 95    | 1   |
| 31   | OK2KFJ   | JN88HU  | 91    | 1   |
| 32   | M1CRO/p  | JO01PU  | 90    | 2   |
| 33   | SN9D     | JN99MQ  | 72    | 2   |
| 34   | PI4Z     | JO11WM  | 54    | 1   |
| 35   | OK5Z     | JN89AK  | 19    | 1   |

**calculation of adaptative multi**

|           |        |       |       |       |       |       |
|-----------|--------|-------|-------|-------|-------|-------|
| Band      | 432    | 1.3   | 2.3   | 5.7   | 10    | mm    |
| Max score | 226010 | 89709 | 31083 | 11675 | 18807 | 3770  |
| Multi     | 1.00   | 2.52  | 7.27  | 19.36 | 12.02 | 59.95 |

**Overall single**

| Rank | Call       | Score  |
|------|------------|--------|
| 1    | OK1AIY/p   | 319535 |
| 2    | G3XDY      | 266011 |
| 3    | DK2MN      | 232337 |
| 4    | OE5MKM     | 228700 |
| 5    | OK1UEI     | 228569 |
| 6    | OK1DST     | 211771 |
| 7    | DL6NCI     | 203958 |
| 8    | DL1SUN     | 202093 |
| 9    | DK6AS      | 182980 |
| 10   | DF9IC      | 181895 |
| 11   | PA0EZ      | 177922 |
| 12   | S51ZO      | 161104 |
| 13   | PA3AWJ     | 158961 |
| 14   | OK2TT      | 146101 |
| 15   | DL3IAS     | 129137 |
| 16   | OK1VEI     | 126409 |
| 17   | OK1VAM/p   | 118275 |
| 18   | OK1NOR     | 116877 |
| 19   | DK9IP      | 115737 |
| 20   | DD7MH      | 113913 |
| 21   | DL6NAA     | 113830 |
| 22   | F8BRK      | 112500 |
| 23   | F5OAU/p    | 109589 |
| 24   | DH1NFL     | 109165 |
| 25   | OK1IA      | 107363 |
| 26   | DJ6BS      | 106831 |
| 27   | DL3MBG/p   | 104108 |
| 28   | S53MV      | 101819 |
| 29   | DH4FAJ/p   | 100633 |
| 30   | DK1KC/p    | 97102  |
| 31   | DL1SUZ     | 95277  |
| 32   | OK2BFF     | 94873  |
| 33   | DJ5IR      | 94521  |
| 34   | DF1JM      | 91819  |
| 35   | DL8QS      | 91800  |
| 36   | DJ9KH/p    | 90341  |
| 37   | DC6BB/p    | 89660  |
| 38   | DL6WT      | 89485  |
| 39   | LX/PA1TK/p | 88261  |
| 40   | PA5DD      | 87005  |
| 41   | OK1EM      | 86327  |
| 42   | OK2JI      | 81781  |
| 43   | DF8XC      | 81351  |
| 44   | OE3WOG/2   | 78448  |
| 45   | DK8SG      | 77911  |
| 46   | DL6UFN     | 74819  |
| 47   | PA0S       | 73757  |
| 48   | DL4WO/p    | 73410  |
| 49   | DK2OY/p    | 73331  |
| 50   | DL4YAJ     | 72972  |
| 51   | OK2PWY     | 72969  |
| 52   | DL9EE/p    | 72482  |
| 53   | OK2QI      | 72142  |
| 54   | DJ9MT/p    | 70988  |
| 55   | DC7QH      | 70940  |
| 56   | DF5GZ/p    | 70054  |
| 57   | I4LCK/4    | 69550  |
| 58   | OM3LQ      | 69392  |
| 59   | DG2DAA     | 69246  |

|     |          |       |
|-----|----------|-------|
| 60  | OM3ID    | 69173 |
| 61  | DL5YWM   | 67708 |
| 62  | DL2DR    | 66894 |
| 63  | DG6QF    | 66394 |
| 64  | OK1JHM   | 66184 |
| 65  | DK5LO/p  | 66041 |
| 66  | DL3HRT   | 62891 |
| 67  | OK1UFL   | 61546 |
| 68  | DL4BBU/p | 61507 |
| 69  | F6APE    | 61347 |
| 70  | IK4WKU/6 | 59190 |
| 71  | F1BJD/p  | 58771 |
| 72  | DL1EJA   | 57745 |
| 73  | DK1CB    | 57383 |
| 74  | DL7AFB   | 57211 |
| 75  | DK4KW/p  | 56806 |
| 76  | 9A1Z     | 56329 |
| 77  | 9A2AE    | 56327 |
| 78  | PA0WMX   | 55205 |
| 79  | HA8MV/p  | 54741 |
| 80  | OK1PGS   | 54739 |
| 81  | DK3WG    | 53521 |
| 82  | DL2YOU   | 53344 |
| 83  | I4XCC    | 53069 |
| 84  | PE1EWR   | 52488 |
| 85  | S57C     | 52464 |
| 86  | DH9NFM   | 51573 |
| 87  | IZ2FOB/2 | 51269 |
| 88  | DL2HSX   | 51265 |
| 89  | S57Q     | 49049 |
| 90  | F2JR/p   | 49007 |
| 91  | DJ6BU/p  | 48901 |
| 92  | OK1VFA   | 47832 |
| 93  | DH7LF/p  | 47351 |
| 94  | DJ3HW    | 47284 |
| 95  | OK2UUJ   | 46600 |
| 96  | OK1DZR   | 46523 |
| 97  | DL3YCW   | 46348 |
| 98  | DJ8EN    | 46237 |
| 99  | PF2D     | 46178 |
| 100 | DF1VW    | 44803 |
| 101 | F1TDO    | 44451 |
| 102 | DG4DW    | 44288 |
| 103 | DC2MW    | 43923 |
| 104 | 9A2KK    | 43523 |
| 105 | OM3TZQ   | 42913 |
| 106 | OK2FUG   | 42709 |
| 107 | I4AMD    | 42506 |
| 108 | DM5CT    | 42375 |
| 109 | OK2VMU   | 42361 |
| 110 | DL2ZA    | 42229 |
| 111 | ON7GB    | 42195 |
| 112 | F4DXX    | 41131 |
| 113 | DL4DTU   | 40721 |
| 114 | ON4PS/p  | 40485 |
| 115 | DF7RG    | 40469 |
| 116 | DK1IP    | 39840 |
| 117 | OK1IBB   | 36926 |
| 118 | EA1EBJ   | 36836 |
| 119 | OM1DK    | 36717 |
| 120 | DJ6OL    | 36681 |

|     |         |       |
|-----|---------|-------|
| 121 | I0FHZ   | 36228 |
| 122 | DK5DQ   | 35904 |
| 123 | DL3LAB  | 35783 |
| 124 | DK2DB   | 35550 |
| 125 | DJ6TA   | 35342 |
| 126 | OK2BPR  | 34739 |
| 127 | DK8RE   | 34602 |
| 128 | SP9SOO  | 34337 |
| 129 | DJ2OS   | 34320 |
| 130 | DG7SFL  | 34182 |
| 131 | DL8PZ   | 33457 |
| 132 | DF9FD   | 33289 |
| 133 | DL2RMC  | 32233 |
| 134 | S51JN   | 32073 |
| 135 | DB8AH   | 31920 |
| 136 | S51SL   | 31361 |
| 137 | DH2DAM  | 31333 |
| 137 | DG6DCC  | 31333 |
| 139 | DG6ISR  | 31020 |
| 140 | DL8EBW  | 30577 |
| 141 | DL5YAD  | 30065 |
| 142 | PA2M    | 30038 |
| 143 | UW5Y    | 29968 |
| 144 | F5DRD/p | 29538 |
| 145 | DL8UCC  | 29418 |
| 146 | DD8ZX   | 29222 |
| 147 | DF7DJ   | 28413 |
| 148 | SP6A    | 28289 |
| 149 | DL1AXX  | 28261 |
| 150 | OM3CQF  | 27818 |
| 151 | DM9CM   | 27642 |
| 152 | OK2UDE  | 27636 |
| 153 | DG0ONW  | 27582 |
| 154 | DG0PF   | 27474 |
| 155 | DM2SK   | 27473 |
| 156 | S54T    | 27229 |
| 157 | SP1JNY  | 26956 |
| 158 | DL9CW   | 26727 |
| 159 | OK2VJC  | 26700 |
| 160 | DH7FFE  | 26676 |
| 161 | DK4VW   | 26204 |
| 162 | S57UMP  | 25833 |
| 163 | OK1VM   | 25662 |
| 164 | EA1DDU  | 25532 |
| 165 | OK1FHA  | 25390 |
| 166 | DD7EQ   | 25299 |
| 167 | DM5TI   | 25242 |
| 168 | DL2VB/p | 25154 |
| 169 | DK1MFI  | 25134 |
| 170 | DK2GZ   | 24377 |
| 171 | DL1DAW  | 24369 |
| 172 | DJ8UV/p | 24280 |
| 173 | OM5LD   | 24082 |
| 174 | IK3COJ  | 23783 |
| 175 | DK3WC   | 23619 |
| 176 | 9A5KK   | 23572 |
| 177 | OK2UKG  | 23241 |
| 178 | S53FO   | 23148 |
| 179 | DJ1CW   | 22898 |
| 180 | PA0T    | 22777 |
| 181 | OK1DSO  | 22696 |



|     |          |       |
|-----|----------|-------|
| 182 | IW3SPI   | 22570 |
| 183 | DM2BR    | 22498 |
| 183 | DB7YAH   | 22498 |
| 185 | F8DLS    | 22373 |
| 186 | OM5XX    | 21971 |
| 187 | G3MEH    | 21906 |
| 188 | PD5LO    | 21837 |
| 189 | DC0KO    | 21558 |
| 190 | OM3CLS   | 21307 |
| 191 | DK4LI    | 21083 |
| 192 | OK1IEI   | 20841 |
| 193 | DL1ARJ/p | 20393 |
| 194 | DL8UAT   | 20170 |
|     |          |       |
| 195 | DJ1FZ    | 20153 |
| 196 | DL1SMA   | 19851 |
| 197 | DK7QX    | 19820 |
| 198 | DG1ATN   | 19804 |
| 199 | DO6NX    | 19797 |
| 200 | PE1RLF   | 19750 |
| 201 | OK1VKC   | 19746 |
| 202 | DJ8WK    | 19675 |
| 203 | I3ZHN    | 19491 |
| 204 | OK2BVE   | 19459 |
| 205 | DH1TS/p  | 19294 |
| 206 | OM3CFR   | 19227 |
| 207 | DL7JSG   | 19171 |
| 208 | DL1VPL   | 18758 |
| 209 | OE3WRA   | 18579 |
| 210 | DG9KB    | 18405 |
| 211 | OK2XCG   | 18333 |
| 212 | SP3TL    | 18320 |
| 213 | SP9EMI/9 | 18228 |
| 214 | F1CBC    | 18204 |
| 215 | OM1AVK   | 18171 |
| 216 | OK2DGB   | 18124 |
| 217 | DL5YEE   | 18076 |
| 218 | OE3PLW   | 17963 |
| 219 | HA7SC/p  | 17667 |
| 220 | DF2CK    | 17550 |
| 221 | F1DLZ    | 17503 |
| 222 | DL5YM    | 17478 |
| 223 | DG9YIH   | 17347 |
| 224 | DJ6QS/p  | 17220 |
| 225 | DO1EG    | 16978 |
| 226 | OK2PNQ   | 16977 |
| 227 | DL5AYI   | 16954 |
| 228 | DF6YL    | 16950 |
| 229 | DL7YS    | 16861 |
| 230 | DF6IY    | 16852 |
| 231 | DG0LCR   | 16703 |
| 232 | OK1VBN   | 16598 |
| 233 | ON4KBE   | 16542 |
| 234 | S53FI    | 16445 |
| 235 | IK1PJU/1 | 16328 |
| 236 | S54AO    | 16301 |
| 237 | HB9ABN   | 16239 |
| 238 | OK1UDJ   | 16220 |
| 239 | DL9NCI   | 16054 |
| 240 | DJ7GS/p  | 16048 |
| 241 | IK2FTB/6 | 16034 |

|     |          |       |
|-----|----------|-------|
| 242 | DO3ASE   | 15900 |
| 243 | DC2RTL   | 15806 |
| 244 | DC5DJ    | 15750 |
| 245 | HA5EA/p  | 15749 |
| 246 | SP9EWO   | 15425 |
| 247 | DL8DAI/p | 15375 |
| 248 | DM7ML    | 15361 |
| 249 | SP9AHB/p | 15316 |
| 250 | DF2CH    | 15295 |
| 251 | DL8VK    | 15226 |
| 252 | DC9DD/p  | 15153 |
| 253 | DG0CC    | 14892 |
| 254 | DH6FAE/p | 14868 |
| 255 | DL7DCL   | 14865 |
| 256 | DL3YDP   | 14804 |
| 257 | SP9MX    | 14646 |
| 258 | DL4HG    | 14622 |
| 259 | DL8ZAJ   | 14617 |
| 260 | IZ4DIV/4 | 14556 |
| 261 | DO7DHL   | 14554 |
| 262 | SP6LB/M  | 14472 |
| 262 | DJ6XV    | 14472 |
| 264 | IK2ULB/2 | 14344 |
| 265 | DL5HAU   | 14283 |
| 266 | DG8FAY   | 14226 |
| 267 | DL4EAX   | 14164 |
| 268 | S55M     | 14152 |
| 269 | DJ8OG/p  | 13997 |
| 270 | S50TA    | 13934 |
| 271 | SP9QZO   | 13892 |
| 272 | DL9RAR   | 13870 |
| 273 | DL7UE    | 13765 |
| 274 | IW3IGM/3 | 13678 |
| 275 | F1EBY    | 13665 |
| 276 | DG1NPJ   | 13517 |
| 277 | DM1CG    | 13288 |
| 278 | DJ2SB/p  | 13164 |
| 279 | SP9BGS   | 13092 |
| 280 | DJ3SN    | 13066 |
| 281 | SP9FG    | 13039 |
| 282 | PA0EMO   | 12956 |
| 283 | F4DQK    | 12955 |
| 284 | GW8IZR   | 12907 |
| 285 | PE1PKR   | 12765 |
| 286 | S52IT    | 12700 |
| 287 | OK1MHJ   | 12610 |
| 288 | OM2RL    | 12594 |
| 289 | DJ7UD    | 12566 |
| 290 | SP3BEK   | 12206 |
| 291 | DB3BW    | 12185 |
| 292 | OM3CUG   | 12130 |
| 293 | S57LM    | 12113 |
| 294 | F1UFX    | 12104 |
| 295 | OK2TF    | 12022 |
| 296 | EA3BB/p  | 12013 |
| 297 | OM5UM    | 11964 |
| 298 | IK6ZDE/6 | 11933 |
| 299 | DB2ZK/p  | 11896 |
| 300 | OK1ZDA   | 11893 |
| 301 | DL7AIG/p | 11870 |
| 302 | F6CXO    | 11785 |

|     |          |       |
|-----|----------|-------|
| 303 | I1TEX    | 11783 |
| 304 | OE6WIG/6 | 11697 |
| 305 | DL2EEK   | 11691 |
| 306 | OK1BMW   | 11494 |
| 307 | OM3CAQ   | 11344 |
| 308 | DL1DBR   | 11325 |
| 309 | OK1VUB   | 11323 |
| 310 | DG5BRE   | 11281 |
| 311 | I3MMB    | 11275 |
| 312 | DO1BKW   | 11271 |
| 313 | SP9ORN/p | 11078 |
| 314 | DO4MC    | 11019 |
| 315 | DG0RO    | 10997 |
| 316 | F5MGD    | 10992 |
| 317 | OK2BRX   | 10842 |
| 318 | DL5DXS/p | 10777 |
| 319 | DL5MO    | 10774 |
| 320 | DL1HTY   | 10705 |
| 321 | OM3WEB   | 10627 |
| 322 | DH8WJ    | 10624 |
| 323 | F4BWJ    | 10618 |
| 324 | PE1LJQ   | 10574 |
| 325 | DG8YHH   | 10369 |
| 326 | OM5GU    | 10363 |
| 327 | M0ITY    | 10336 |
| 328 | F6BUL/p  | 10296 |
| 329 | DF1IC    | 10156 |
| 330 | OK2BSY   | 10084 |
| 331 | S50J     | 10009 |
| 332 | F4DPW    | 9894  |
| 333 | IK3MLF   | 9813  |
| 334 | F6DDW    | 9717  |
| 335 | SP9APC/p | 9701  |
| 336 | DJ8ER    | 9618  |
| 337 | DO1KUB   | 9435  |
| 338 | OM5AL    | 9299  |
| 339 | DG6ME    | 9298  |
| 340 | SP2DDV   | 9222  |
| 341 | OK2BX    | 9191  |
| 342 | SP3NK    | 9189  |
| 343 | OK2UGG   | 9133  |
| 344 | S57NAW   | 9130  |
| 345 | F6FGO    | 9092  |
| 346 | DL7UHU/p | 8992  |
| 346 | DK5EZ    | 8992  |
| 348 | DF2GL    | 8919  |
| 349 | I1KFH    | 8905  |
| 350 | F6BAH/p  | 8855  |
| 351 | OE3SJA   | 8789  |
| 352 | OK2STV   | 8747  |
| 353 | S56OA    | 8636  |
| 354 | DL7EF    | 8584  |
| 355 | OK1VLG   | 8558  |
| 356 | DC3NI    | 8513  |
| 357 | DL4EBW   | 8465  |
| 358 | DL7UIO   | 8308  |
| 359 | 9A4VM    | 8258  |
| 360 | SP4JCQ   | 8255  |
| 361 | DF1RD    | 8186  |
| 362 | F6EBH    | 8013  |
| 363 | OM5KV    | 7986  |

|     |          |      |
|-----|----------|------|
| 364 | OK2YT    | 7941 |
| 365 | SP1O     | 7924 |
| 366 | DJ3JJ    | 7891 |
| 367 | DJ5KX    | 7882 |
| 368 | DF4AE    | 7869 |
| 369 | DL7VGP/p | 7775 |
| 370 | DL5IO    | 7766 |
| 371 | SP9UOP/p | 7601 |
| 372 | DO6YUG   | 7574 |
| 373 | OK2BFH   | 7540 |
| 374 | DM4TI    | 7402 |
| 375 | DD1OP    | 7340 |
| 376 | DO1DEN   | 7190 |
| 377 | SP1MVG   | 7098 |
| 378 | OK2TKE   | 7094 |
| 379 | S59R     | 7085 |
| 380 | OM3SEM   | 7082 |
| 381 | IZ3BJA   | 6845 |
| 382 | SP1I     | 6775 |
| 383 | EA7TL    | 6747 |
| 384 | DL8BEH   | 6699 |
| 385 | IZ1EVF   | 6686 |
| 386 | OM3WMA   | 6682 |
| 387 | DC0KO/p  | 6594 |
| 388 | DG1ASA   | 6523 |
| 389 | IK3XTT   | 6441 |
| 390 | DL1DVP   | 6409 |
| 391 | OK1DEU   | 6391 |
| 392 | OM7CM    | 6372 |
| 393 | OK1FAN   | 6371 |
| 394 | S59ABC   | 6357 |
| 395 | F1APH    | 6353 |
| 396 | SP7NJX/p | 6309 |
| 397 | OK2PHB   | 6277 |
| 398 | DL1EHG   | 6256 |
| 399 | DO1BMS   | 6248 |
| 400 | OM0CS    | 6068 |
| 401 | DG6IMR   | 6044 |
| 402 | DJ3AK    | 6029 |
| 403 | 9A2TK    | 5990 |
| 404 | DO2FFW   | 5706 |
| 405 | EA2AGZ   | 5693 |
| 406 | F5APM    | 5689 |
| 407 | DG1GOB   | 5648 |
| 408 | DK2TG/p  | 5635 |
| 409 | DM5JL    | 5612 |
| 410 | OK2BXE   | 5516 |
| 411 | S53XX    | 5509 |
| 412 | OK2BZE   | 5505 |
| 413 | SP6AAT   | 5275 |
| 414 | DL1KAS/p | 5152 |
| 415 | OK1DPO   | 5140 |
| 416 | EA8AVI   | 5139 |
| 417 | OK1AUK   | 5053 |
| 418 | DJ2FR    | 5026 |
| 419 | DF1HF    | 4859 |
| 420 | OK2SAR   | 4802 |
| 421 | DK7MP    | 4786 |
| 422 | DF4AJ    | 4667 |
| 423 | PA5WT    | 4665 |
| 424 | F1CKB    | 4660 |

|     |          |      |
|-----|----------|------|
| 425 | DH2SRM   | 4645 |
| 426 | OK1AIG   | 4578 |
| 427 | DC9BG    | 4574 |
| 428 | IV3MGN   | 4557 |
| 429 | OK2JJA   | 4547 |
| 430 | 9A8A     | 4477 |
| 431 | DL4HRM   | 4423 |
| 432 | S51I     | 4394 |
| 433 | EB7HAF/p | 4325 |
| 434 | OK2SIA   | 4283 |
| 435 | DL9GS    | 4245 |
| 436 | DL1OBF   | 4189 |
| 437 | DM1USL   | 4128 |
| 438 | DL8EAQ   | 4110 |
| 439 | EA3GCJ/p | 4075 |
| 440 | DL1DKB   | 4046 |
| 441 | SP1WSR   | 3984 |
| 441 | I6CTJ    | 3984 |
| 443 | OM7AC    | 3964 |
| 444 | SP9DSD   | 3942 |
| 445 | DO9BC/p  | 3895 |
| 446 | DO1AN    | 3884 |
| 447 | SP8AWL   | 3784 |
| 448 | DL5RF    | 3783 |
| 449 | OK2VLT   | 3774 |
| 450 | S57SU    | 3707 |
| 451 | DM4NF    | 3667 |
| 452 | OK7CM    | 3632 |
| 453 | 9A2GA    | 3625 |
| 454 | SP9FPP   | 3590 |
| 455 | EB5EA    | 3587 |
| 456 | DC8RI    | 3577 |
| 457 | DL1YHL   | 3569 |
| 458 | OK1UDQ   | 3568 |
| 459 | DJ2YE    | 3514 |
| 460 | DJ5VI    | 3503 |
| 461 | F5RVO/p  | 3455 |
| 462 | DL2ABM   | 3418 |
| 463 | IW2NKQ   | 3409 |
| 464 | SP8MCP/8 | 3382 |
| 465 | SP3EPX   | 3358 |
| 466 | S57NL    | 3242 |
| 467 | DL3DTS   | 3225 |
| 468 | EA1DKV   | 3154 |
| 469 | DK2CB    | 3126 |
| 470 | DM2AJK   | 3101 |
| 471 | OK2BSQ   | 3067 |
| 472 | DK4UA    | 2920 |
| 473 | EA3DME   | 2859 |
| 474 | S51RM    | 2836 |
| 475 | DG3EX    | 2830 |
| 476 | F1PHB    | 2795 |
| 477 | OK1DRX   | 2741 |
| 478 | DG4FBC   | 2688 |
| 479 | OM3CCR   | 2662 |
| 480 | DH8AG    | 2620 |
| 481 | SP3JBI   | 2548 |
| 482 | DL4EBA   | 2542 |
| 483 | EA2CLU   | 2423 |
| 484 | OM1AXO   | 2392 |
| 485 | EA3RU    | 2391 |

|     |          |      |
|-----|----------|------|
| 486 | DO2RE    | 2333 |
| 487 | DG9ZA    | 2297 |
| 488 | OK1VRL   | 2278 |
| 489 | OK1DJS   | 2185 |
| 490 | OK1MO    | 2182 |
| 491 | F8ESA/p  | 2138 |
| 492 | SP6BTV/p | 2106 |
| 493 | DG1VC    | 2095 |
| 494 | SQ9BDB   | 2087 |
| 495 | OK1AVP   | 1958 |
| 496 | OM6TX    | 1947 |
| 497 | DL3AWI   | 1935 |
| 498 | DH9FAV   | 1885 |
| 499 | DF2AP/p  | 1844 |
| 500 | PA1NG/p  | 1798 |
| 501 | UR5LX    | 1787 |
| 502 | DJ7LB    | 1782 |
| 503 | DG1MIY   | 1779 |
| 504 | EA2BVD   | 1757 |
| 505 | DL4DG    | 1728 |
| 506 | SP9CLQ   | 1718 |
| 507 | SP9CP    | 1713 |
| 508 | OK1KZ    | 1658 |
| 509 | SP8WJW/8 | 1637 |
| 510 | OM1MJ    | 1631 |
| 511 | EA3FLX   | 1582 |
| 511 | DJ2KH    | 1582 |
| 513 | OK2SAM   | 1572 |
| 514 | EA7DJQ   | 1541 |
| 515 | DJ6UP    | 1527 |
| 516 | OK2WZN   | 1522 |
| 517 | PA0FEI   | 1484 |
| 518 | DO7ML    | 1466 |
| 519 | DM2TO    | 1413 |
| 520 | ON3CK/p  | 1409 |
| 521 | SP6OPX/p | 1370 |
| 522 | IZ6BTN/6 | 1346 |
| 523 | EB4GAH   | 1327 |
| 524 | OK1VOF   | 1269 |
| 525 | OM7PY    | 1255 |
| 526 | EB2GJK/p | 1174 |
| 527 | I1GPE    | 1144 |
| 528 | DO3MSH   | 1110 |
| 529 | DO5HMK   | 1093 |
| 530 | PA0JCA/p | 1079 |
| 531 | OK1AXX   | 1075 |
| 532 | OE3PYC   | 1068 |
| 533 | DG6HRE   | 1065 |
| 534 | F3ND     | 1021 |
| 535 | 9A5YY    | 991  |
| 536 | DG1VR    | 983  |
| 537 | DO2DTH   | 978  |
| 538 | HB9MDP/p | 973  |
| 539 | I1KFH/1  | 961  |
| 540 | DG0UVG   | 935  |
| 541 | PA5P     | 926  |
| 542 | F2NY     | 903  |
| 543 | OK1DDV/p | 885  |
| 544 | DL5UDO   | 843  |
| 545 | EA7DUD   | 819  |
| 546 | IW5EIJ/5 | 779  |

|     |          |     |
|-----|----------|-----|
| 547 | EA2AFF   | 758 |
| 548 | 9A2WA    | 735 |
| 549 | DO9PL    | 695 |
| 550 | EA5AMR   | 672 |
| 551 | DB1HGV   | 647 |
| 552 | OM3ZAS   | 611 |
| 552 | IW1IGM/3 | 611 |
| 554 | F6DZQ    | 580 |
| 555 | EA4AYW   | 551 |
| 556 | DL6SDZ   | 547 |
| 557 | DL4DAE   | 544 |
| 558 | SP2IPK   | 522 |
| 559 | F5JJA    | 510 |
| 560 | DG2LO    | 434 |
| 561 | I2FUM/2  | 432 |
| 562 | EB1DRO   | 307 |
| 563 | UT5ST    | 254 |
| 564 | SP3NYF   | 203 |
| 565 | IK1ZYW   | 190 |
| 566 | EA2BEP   | 185 |
| 567 | DG2YIR   | 156 |
| 568 | EA1GAR   | 120 |
| 569 | EA1BYA   | 23  |

**Overall multi**

| Rank | Call     | Score   |
|------|----------|---------|
| 1    | DM7A     | 1090402 |
| 2    | DL0GTH   | 1038749 |
| 3    | PA6NL    | 590422  |
| 4    | OL2R     | 558694  |
| 5    | OL4A     | 519322  |
| 6    | DF0YY    | 476930  |
| 7    | DK0NA    | 458174  |
| 8    | OK5Z     | 397269  |
| 9    | OE5VRL/5 | 334554  |
| 10   | PI9A     | 330357  |
| 11   | OK1KIR   | 324776  |
| 12   | OK4W     | 313179  |
| 13   | M1CRO/p  | 307475  |
| 14   | DR5A     | 304324  |
| 15   | PI4GN    | 262378  |
| 16   | DM0Y     | 243696  |
| 17   | OK2KJT   | 237766  |
| 18   | DL0V     | 231281  |
| 19   | OM5M     | 230285  |
| 20   | OK1KIK   | 224889  |
| 21   | DF0MTL   | 222660  |
| 22   | OE3A     | 220509  |
| 23   | OM0C     | 217036  |
| 24   | ON4SHF   | 213128  |
| 25   | OK2KFJ   | 205748  |
| 26   | OM3KII   | 203779  |
| 27   | TM5Z     | 199000  |
| 28   | OL3Z     | 197716  |
| 29   | PI4Z     | 183290  |
| 30   | S55M     | 183029  |
| 31   | OK2KYC   | 176567  |
| 32   | OL9W     | 170674  |
| 33   | IQ1KW    | 166346  |
| 34   | OM3KHE   | 155989  |
| 35   | DQ8N     | 153792  |
| 36   | OK1KKD   | 145908  |
| 37   | OL8R     | 142496  |
| 38   | OL7Q     | 140878  |
| 39   | DK0R     | 139549  |
| 40   | F2CT     | 137999  |
| 41   | PI9CM    | 136702  |
| 42   | DK0GYB   | 135988  |
| 43   | S59R     | 130962  |
| 44   | OK1KJB   | 127970  |
| 45   | F4CKV/p  | 122805  |
| 46   | OM3W     | 122430  |
| 47   | OL4N     | 120706  |
| 48   | OM8A     | 120573  |
| 49   | SN9D     | 119389  |
| 50   | OK1KRQ   | 117845  |
| 51   | OK2KRT   | 107786  |
| 52   | OL7M     | 96396   |
| 53   | DK0PU    | 93148   |
| 54   | OK1KHQ   | 90830   |
| 55   | DK0ZB    | 87755   |
| 56   | HG1W     | 85991   |
| 57   | HA5KDQ   | 85587   |
| 58   | OL7G     | 84117   |
| 59   | ON7WR    | 84032   |



|     |           |       |
|-----|-----------|-------|
| 60  | OK1KKL    | 82746 |
| 61  | F5SDD/p   | 82594 |
| 62  | OK2KGB    | 81580 |
| 63  | DL0RSH    | 80631 |
| 64  | HA6W      | 80203 |
| 65  | DR5Y      | 78529 |
| 66  | OK1KLL    | 75462 |
| 67  | UR7D      | 71867 |
| 68  | ON4HRT/p  | 70461 |
| 69  | F6KPL     | 68514 |
| 70  | T7/IZ4BEH | 68228 |
| 71  | PE1MMP    | 67375 |
| 72  | HA5FMV    | 65334 |
| 73  | DL0EE     | 64843 |
| 74  | DK5A      | 63290 |
| 75  | DF0XG     | 62311 |
| 76  | IQ3TR/3   | 61048 |
| 77  | IW6CVN/6  | 57082 |
| 78  | OK1OPT    | 56894 |
| 79  | DK0CG     | 56267 |
| 80  | PI4TUE    | 54997 |
| 81  | SP6GWB/p  | 54947 |
| 82  | OK1KPA    | 54262 |
| 83  | EA2RL/p   | 52681 |
| 84  | DL3LA     | 49218 |
| 85  | OL1B      | 48649 |
| 86  | OK2KCE    | 47541 |
| 87  | SP6VGJ/p  | 47144 |
| 88  | S51Y      | 46121 |
| 89  | SP9TTG/p  | 44176 |
| 90  | DL2R      | 42824 |
| 91  | OK1OGS    | 42138 |
| 92  | HB9CLN    | 40824 |
| 93  | HB9MG     | 40532 |
| 94  | SN7L      | 40421 |
| 95  | HG6V      | 40415 |
| 96  | OK1KFB    | 38447 |
| 97  | OK2KYZ    | 36263 |
| 98  | DF2PN/p   | 36062 |
| 99  | DK0SF/p   | 35597 |
| 100 | DL0NF     | 32595 |
| 101 | ON3GDV    | 32055 |
| 102 | DL0MOL    | 31898 |
| 103 | DR2F      | 31678 |
| 104 | DR3X      | 30828 |
| 105 | OK1KFH    | 30737 |
| 106 | IQ4RA/5   | 30617 |
| 107 | 9A1O      | 30031 |
| 108 | DL0EK     | 29460 |
| 109 | DL0HOF    | 29361 |
| 110 | DF0SX     | 28658 |
| 111 | OM3KEG    | 28553 |
| 112 | OL5M      | 26505 |
| 113 | OK2KJU    | 26356 |
| 114 | I3OPW/3   | 25718 |
| 115 | OK1KRY    | 25591 |
| 116 | OK2KCN    | 25345 |
| 117 | IQ3AZ     | 24358 |
| 118 | S59EYZ    | 24093 |
| 119 | DC0AD     | 23291 |
| 120 | DL0VB     | 22911 |

|     |           |       |
|-----|-----------|-------|
| 121 | DN4SB     | 22393 |
| 122 | F6KIM     | 22015 |
| 123 | DL0VV     | 21785 |
| 124 | IW6ATU/6  | 21660 |
| 125 | S59C      | 21326 |
| 126 | EA3FTT/p  | 19988 |
| 127 | OK2KEA    | 19697 |
| 128 | SN7V      | 19612 |
| 129 | F5PSC/p   | 19574 |
| 130 | OL7C      | 18652 |
| 131 | OL1C      | 18643 |
| 132 | DL5T      | 17563 |
| 133 | IW1FGN/1  | 17454 |
| 134 | S59DZT    | 17240 |
| 135 | OK5K      | 16904 |
| 136 | 9A1CAW    | 16594 |
| 137 | 9A1CMS    | 16293 |
| 138 | OK2RSC    | 16241 |
| 139 | DK0AU     | 16190 |
| 140 | DK0GHC    | 16107 |
| 141 | OK1KCI    | 15839 |
| 142 | DL0DLE    | 15833 |
| 143 | I3OPW     | 15190 |
| 144 | OM3RAL    | 14949 |
| 145 | DR6J      | 13844 |
| 146 | OM3KBB    | 12004 |
| 147 | SP3YDE/3  | 11961 |
| 148 | OM3KVV    | 11075 |
| 149 | DK0GSK    | 10595 |
| 150 | EA5CLH/p  | 10188 |
| 151 | S59P      | 9664  |
| 152 | F4CIB/p   | 9616  |
| 153 | OK1KDO    | 9575  |
| 154 | SP1YSZ    | 9418  |
| 155 | DN3MB     | 9329  |
| 156 | OM3VSZ    | 9281  |
| 157 | LX/PE7B/p | 8899  |
| 158 | DL0BWS    | 7553  |
| 159 | OK1OTS    | 7475  |
| 160 | DN1DAW    | 7098  |
| 161 | I2KQE/1   | 6841  |
| 162 | DL0BFA/p  | 6434  |
| 163 | OM3RXB/p  | 6251  |
| 164 | DN1SFZ    | 6107  |
| 165 | DL0HC     | 6036  |
| 166 | DR2R      | 6000  |
| 167 | DK0TEU    | 5715  |
| 168 | DK0WT     | 5578  |
| 169 | DP3A      | 5286  |
| 170 | OK2KZC    | 4966  |
| 171 | SP8PAI    | 4572  |
| 172 | IK2KQE/1  | 4197  |
| 173 | DL0BO/p   | 4128  |
| 174 | EA3LL     | 3749  |
| 175 | SP3YPX    | 3144  |
| 176 | DK0UKW    | 3136  |
| 177 | DL0D      | 2662  |
| 178 | DK0UDX    | 2292  |
| 179 | SP7KED    | 2248  |
| 180 | OM3RKP    | 2241  |
| 181 | OK2KDS    | 1808  |

|     |          |      |
|-----|----------|------|
| 182 | DL0KB    | 1804 |
| 183 | PI4FRG   | 1463 |
| 184 | EE1URO   | 1329 |
| 185 | OE3PYC   | 1245 |
| 186 | EA4TV/p  | 1152 |
| 187 | EA3CQQ/p | 1004 |
| 188 | F5KBJ/p  | 908  |
| 189 | EB1CIU/p | 888  |
| 190 | DN2RMC   | 790  |
| 191 | DN1AF    | 552  |
| 192 | S59DR    | 480  |
| 193 | OE3XHA   | 398  |
| 194 | S50C     | 378  |
| 195 | DL0OBL   | 168  |

### **435 MHz CheckLog**

| Call     | Locator |
|----------|---------|
| OK2PIP   | JN89HF  |
| OK1CZ    | JO70EC  |
| SP9DRP/p | JO90QL  |
| SP3EPX   | JO83ID  |
| SP3YPX   | JO83ID  |
| SP9FG    | JN99XF  |

### **1.3 GHz CheckLog**

| Call     | Locator |
|----------|---------|
| SP9DRP/p | JO90QL  |
| SP9FG    | JN99XF  |