

ARRL DXCC - 15 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 18 Mar 2019, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

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|---|---|---|--|---|---|
| 374 EA8AK | 361 JA2JW SP8AJK W9ZR | JA4DND K4CIA K4PI K4UTE OZ3PZ SM4DHF W3LPL WX4G | SM6CMU VA3DX W8DCH W8UVZ | N4XM N5UR PE5T SM4EMO SP8NR W3AP WB6RSE | I4AVG IK4DRY JA3DY* JE3EDJ JF7XKY JM1VRW JP1NWZ K0DEQ K0EU K0TJ K1HTV K2PLF N1DG NY0V OH2BLD PY2YP SP2FAX W7UT |
| 373 DJ2BW | | | | | |
| 371 W4DR | 360 DJ2YA JH1GZE K8MFO K9MM N6AR | | 351 CT1BH DJ4XA F6AOJ G3TXF JA0AXV JA5AUC JA5IU K0IEA K2UO K9EU N2LT N2TK N5AW SM5AQD SM5DJZ* VE3XN WA1JMP | 349 AA4V AA7A DJ9KG IK1GPG IK6DLK JA0UUA JA1HGY JA3PIS JA9APS JE7JDL JH1TWT JH2UVL JR2KDN K3FN K8PT K9ALP N3XX N4CH N6JV OZ1BTE SP3E VE3EJ W2LO W3NO W3UR W3YX | |
| 370 W9YSX | | 354 DJ9ZB HB9AMO KF2O N7RT SM6CNN SP5EWY VE1YX | | | |
| 369 G3KMA | 359 DJ8NK W1NG | | | | |
| 368 OZ1LO | 358 JA1EOD | | | | |
| 367 K4MQG SM0AJU W1JR | 357 JA1BK JA1ELY JA3APL JH1IFS OH1XX W4DKS | 353 I6FLD JA2JPA JA3EMU JA5EXW JA8EAT JH4IFF K6TA NR1R SM5CZQ UA4HBW | | | 347 DL5DSM IK4BHO IK5HHA JA1QXC JA1UQP JA2FBY JA2IVK JA3AZD JH4UYB K4XO K8SIX OZ4O PA3FQA PY2BW PY2XB R7LV SM3EVR SM5CEU SP5CJQ |
| 364 4X4DK K2TQC SM6CVX | | | 350 AA1V DF3CB G3XTT G4BWP I4EAT JA1LSP JA2JNA JA2VPO JE2LUN JE2URF JF1PUW K1ST K2VV N0XA | | |
| 363 K4FJ K5UR N4MM | 356 DJ6RX JA2KVD JR3IIR N4CC N4WW N8DX | 352 DJ5JH F6EXV I4MKN JR1CBC K0JS K3UA K4ZYU K6YRA | | | |
| 362 JA4DLP K4DY K5NA OK1MP | 355 DJ4AX HA0DU JA3FYC | | | 348 DK9KX F6BK1 | |

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| SP9FKQ | W6SR | 342 | SL0ZG | J18DGO | WB4TDH |
| W1GL | W9RN | AD5Q | SM6CTQ | JM2RUV | 337 |
| W7MO | 344 | DF3GY | W1KSZ | K0CA | DL2OE |
| W7OM | AD1C | G0DQS | W5XC | K2FF | EA9IE |
| W9OP | DF4PL | HB9BGV | WB9Z | K2UU | EY8MM |
| 346 | DJ9HX | I0WDX | WJ4T | K3WW | GM3POI |
| AG9S | DL7MAE | JA2TBS | 340 | K4IQJ | I2MQP* |
| CT1EEB | I5KKW | JA2VMU | AA1QD | K4MWB | IK4DRR |
| DK1FW | IK4GME | JA6BZI | AA4HP | K5DU | JA7XBG |
| DK5WL | IV3JVJ | JH2SON | F3SG | K7NN | JA8NFV |
| DL4MCF | JA5MHD | J11DHY | G0JHC | K7ZA | JE1GWO |
| EA5BM | J14POR | JR1BLX | JA1KQX | N4DW | JE8TGI |
| I4LCK | JR7VHZ | JS3CTQ | JJ1SKG | NJ6P | JH2AYB |
| JA2FGL | JR9LKE | K1BD | JL1XMN | RG4F | JR4LNG |
| JA2FJP | K5KC | K5RK | JQ3DUE | SM4DDE | K1OA |
| JA4LKB | K5ZK | KD5M | K2TK | SP6CIK | K3PA |
| JA5AQC | K9NU | KU0A | K4SE | SP7VC | K4CN |
| JE8BKW | N8BM | N4KG* | K6FG | UA3AB | K8BL |
| JF1KKV | N9US | N5ZM | K9ZO | W0DJC | KP2A |
| JG3QZN | NN4T | N8JV | KA1ERL | W1YIF | N1NK |
| JJ2LPV | OE3EVA | ON7TK | KQ8M | W9OL | N2BJ |
| JJ3PRT | SP7ITB | SM5KNV | N4GN | WD5COV | R5AJ |
| JK1UVP | W4UM | SM6CCO | N7US | YO7LCB | RZ3AM |
| K4QL | W5BPT | SP1JRF | OK7GU | 338 | SM0CCM |
| K6AM | W5FKX | SP3EPK | ON4CD | 9A2NA | SP1S |
| LU2NI | ZS6EZ | W0VX | RU3FM | AA5AU | SP5DIR |
| N4AH | 343 | W2YC | SM5ARL | DJ9RR | UA3AP |
| N4NX | DJ5FI | W3GH* | UA3AGW | DK5AD | UX1UA |
| NI0G | DJ9ON | W4PK | UA6A | EA2IA | VE3EXY |
| NN1N | EA5BY | W91XX | W1ECT | EA5RM | VE3FF |
| PY4OY | GM3YTS | WK3N | W1RM | G4OBK | W0YG |
| W9MU | JA1GRM | WT8C | W2AY | JA0EOK | W5OZI |
| W18A | JA2JRG | YO3APJ | W6XA | JA0GJJ | W6YI |
| 345 | JA2XYO | YO9HP | W7AO | JA3GN | W8AV |
| AA6YQ | JA2XYO | 341 | 339 | JF1WPB | W9PZT |
| HB9RG | JA7FWR | G3LZQ | AB4IQ | JH3VNC | WA5VGI |
| I0MWI | JA8DNV | G3RAU | CT1APE | JH4FEB | YV1DIG |
| JA2AH | JE1SYN | HB9BIN | CT4NH | K1EFI | 336 |
| JA6BZA | JH2FXK | IK8HJC | EU7A | K5BG | AA1ON |
| JA7IC | JR1DUP | JA1IOA | F3AT | N4DB | AB6QM |
| JA7JWF | K4HGX | JA6CBG | G3NDC | N4PQX | DF2RG |
| JE1DXC | K9IR | JA8EJO | G4GIR | NI6T | I5NPH |
| JF3KON | LA7AFA | JH0INP | HL3IUA | OE3GCU | IK4PLW |
| K2RW | LA7JO | JR6FC | I4EWH | ON4IZ | IT9DAA |
| KS1J | OE6IMD | K2SHZ | JA1FVE | R3OK | JA0NZR |
| N0AT | SM3NRY | K3KO* | JA1VLK | SM6DHU | JA7MSQ |
| N4JJ* | SV1JG | K4UEE | JA2DPC | SP6M | JA9TWN |
| NS6C | VE6WQ | K4XP | JA2WYN | UT9FJ | JJ3HGJ |
| SP7GAQ | W0MHK | N8DJX | JA7BEW | UY5ZZ | K1DG |
| W0BV | W8CZN | NO8D | JA9FAI | W9RPM | K5MC |
| W1DIG | WA4FFW | OE8HIK | JE2OVG | WA6F | K6YUI |
| | | OE8RT | | WB2GOK | |

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|------------|------------|------------|------------|------------|------------|
| K9NW | G3OAG | EA5AT | JA2ZL | 328 | WB9EEE |
| KG7H | G4PWA | IZ5EKV | JA6BEE | AI9L | |
| KV7K | I2EOW | JA0DIN | JA8EOT | CT1BWW | 326 |
| N2TN | JA4ITW | JA1ANR | JA9GPG | DK2JX | 9A4W |
| N3NT | JA7KY | JA1SJV | JA9IFF | DL4CF | G3SVD |
| N5OK | JH1JNR | JH1HHC | JE6TSP | HA9PP | GM0AXY |
| N5ORT | JH1XFR | JH1KLE | JE7JZT | IK5PWQ | IK2YCW |
| N5TY | JR1JGA | JH8RZJ | JN1BMX | JA0CRI | JA0GCI |
| N5XZ | K1YR | K1AR | JR0EQQ | JA1XPQ | JA0LFV |
| NU8Z | K9CT | K1HT | K2LS | JH1APK | JA6VQA |
| OE1ZL | KG4W | K7GEX | K8YTO | JH3GRO | JA7QVI |
| OE2LCM | LA2QM | K7WP | N1RK | JH4BTI | JG3SKK |
| PY5EG | LA8PT | K8AV | N8TR | JH4CBM | JH8NBJ |
| PY5HOT | N8KOL | KF0QR | RM0F | JK1OPL | JL1BYZ |
| RA7A | N9AU | NK1K | SV1DPI | JL2JVX | JN3SAC |
| SK7AX | N9RS | ON4AOI | SV1FJA | K0JUH | K2NV |
| W2GW | ON4IQ | OZ1AXG | UA6MF | K8QM | K6ND |
| W5ZN | OZ1CTK | R3VA | W0HBH | KA9CFD | PY5EW |
| W8GC | R6AF | R9FM | W1YM | KD3CQ | R7FK |
| W8OI | R7DX | RA3CQ | W5LT | KN5O | SM3DXC |
| YO5BRZ | SV1RK | VE1DX | W7CT | KT1J | UA3DPM |
| | VE7IG* | W6TMD | W7LR | LA2PA | UA4LY |
| 335 | W0SR | | WA1S | N1IBM | W2JU |
| AD6W | W2IRT | 331 | WB9CIF | NW7E | W2MF |
| EI7BA | W2LK | EA8BYR | WD9DZV | SM5CAK | W2QO |
| GM0GAV | W2NO | F9XL | | W2SM | W4YCH |
| JA4MRL | W3SB | HB9CEX | 329 | W4BP | W5CIA |
| JA5WIZ | W5TCX | HL3DE | 9H1SP | WE9R | W7AL |
| JH4JNG | W7FP | I5HOR | AA5AT | WK7E | W8HW |
| JL1UXH | WA2VYA | JA1KPH | AF2C | | WB3LHD |
| JR2UBS | WL7E | JA6HQT | CT1IUA | 327 | |
| JS2LHI | ZL3JT | JH1NYM | DL5CW | DM5EE | 325 |
| K1LD | | K4HB | DL5WW | G5LP | IK0HFO |
| K2XF | 333 | K5EK | EA7TV | IK4AUY | IK5RUN |
| K5AQ | DL9TJ | KC6X | FK8CP | JA2CXF | JA5BGA |
| K8WK | EW2A | KC7V | HB9DDO | JH1IAQ | JH1AQN |
| K9RR | JA4FKX | KZ4V | HB9DDZ | JH1SJV | JO7WXN |
| KE9L | JG1WSC | PA5TT | IK0PEA | JH3SIF | K1KO |
| KQ3F | JM1HJG | SM3VAC | JA1CZI | JL1MWI | K4MS |
| N4QS | KA8ZPE | SP6HEQ | JA1FQI | JR1BAS | K6KLY |
| N8RR | KC6AWX | W3LL | JA3RQ | K0GY | K7EG |
| NN4SS | KK0M | W5WT | JA8LRG | K1LI | K7ZV |
| OE1AZS | KM1D | W6XK | JH3CUL | K8AJK | K8FL |
| SM2GCQ | N4AA* | WB8ZRL | KC9ARR | KN6KI | K9JF |
| SM6BZV | W6TC | | KM3J | N1GC | K9US |
| UR0MC | WA4BIM | 330 | PY2NQ | N8BJQ | LA5HE |
| W1LW | WA8WV | 4X4JU | SV1IW | OE1WEU | S57AT |
| W4DC | WC4B | AA8OY | UA9FAR | RV3LO | UN6T |
| W4TJE | ZS4TX | AE5E | W0AWL | SM3NXS | W4HG |
| W9ILY | | G4CCZ | W1SKU | VE2TZT | |
| | 332 | HK3W | WF2S | VE3VHB | 324 |
| 334 | AB5C | IK2QPR | | W3BW | AA8CH |
| F2JD | EA3GP | JA2FSM | | WA1YTW | DL6CNG |

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|------------|------------|------------|------------|------------|------------|
| F5CQ | SV1GYG | W9JA | W0TT | W7CA | IZ8EJB |
| JA2LHG | UT7UJ | WD4LBR | W2LE | | JA3MHA |
| JJ1DWT | VE3CFK | WT4Q | W2OO | 315 | JH1OBS |
| K2AJY | W4FQT | ZS6WB | W6YOO | AB0CT | JM1LPN |
| K5UO | | | W9IL | AC0A | JR6LLN |
| K8TL | 321 | 319 | ZL1BYZ | EA3WD | K3JT |
| K8UT | 5B4AHJ | A45XR | | EA8RR | KA4RRU |
| N6HC | AA4R | DL1DUO | 317 | IZ5BAM | N2NS |
| N9JV | AC4G | HA7TM | AB9V | JA1BPA | N6KZ |
| OE8SPW | AI6Z | HB9BOI | DL7BA | JE1LFX | PY1KN |
| PY2XU | DL2CHN | IV3YYK | DM2DXA | JH1IED | RW7M |
| R9TO | JA1IZZ | JA1BNW | DO4DXA | K1NTR | W3MR |
| RA9CMO | JA6WJL | JA1DM | EA8AKN | MD0CCE | W5PJR |
| SP7IWA | JA7BWT | JA3VPA | I1EIS | N0KV | WA5IPS |
| W3KX | JA9FPI | JA9GLW | JA8BAR | N0RB | |
| | JF2UPM | K0AZ | JF1LZQ | N5LZ | 312 |
| 323 | K0BJ | K3NK | JK1EXO | NU1O | AB5A |
| CT1DKS | K6FW | K5RT | K6SIK | PA3CSR | F2NH |
| DL6KR | K8OM | K5XI | K8GI | US0KW | HP2AT |
| EA3GHQ | KM1C | K6UM | N4QQ | VE6LB | IK0LNN |
| EA3GHZ | KS3F | K7LJ | N7HN | W4SK | IZ0AEG |
| JA2ATE | LA5IIA | K8EUR | NA9A | WA4QMQ | IZ8FFA |
| JM1FHL | N5GH | KB1JZU | NN4R | | JG8FWH |
| JR1WCT | NA2X | N4II | NT0V | 314 | JH2AQI |
| K5WAF | PP1CZ | N7KA | R0FA | EI6FR | K3UL |
| LU3CQ | RX4HZ | N8SNM | RU3QR | JA1SGU | K4XD |
| LU8EKC | SM5CZK | RA3QK | W1ITU | JA8BNP | K5MT |
| PA3EWP | SM6CUK | RW4NN | W5ODD | JE8LWZ | K5VIP |
| RN3QN | W3GQ | UT2UB | W5ZO | JF2XGF | KR2Q |
| RX3AGD | W5GZ | VE3BW | | JJ1OKK | N2FF |
| SM4CTI | W6CUA | W0TM | 316 | JK1UNZ | N5MOA |
| SM5JE* | YO2RR | W1ZT | AF9H | JR3OEH | SM5BMB |
| SP1MGM | | WB0TVY | G0EHO | K0BX | UA0BA |
| W5AJ | 320 | YB5QZ | G3KWK | K1RO | W1BR |
| W6ENZ | EA1EVR | | HA7UW | K2BA | W1EQ |
| WA2NPD | IV3TMV | 318 | IV3TDM | K2UR | W2XI |
| WD0DAN | JA1JAT | AA8LL | JA1XEC | K3PP | W5WP |
| ZS6KR | JH1BAM | DK7YY | JA2XCR | K3PT | W6AEA |
| | K0KVR | EV1R | JA7LMZ | K3SEW | W8IQ |
| 322 | K6KO | JE3SSL | JA9AGN | K8AJS | |
| 4Z4DX | KB0EO | JH3HTD | JE1VTZ | KW4V | 311 |
| I3BUI | KI0KB | JH7RXU | JH1VHU | N6DX | AB3CV |
| JA3LDH | N1SV | JI2KXK | JH7NTW | NQ7R | EA1JO |
| JA6TMU | N4IG | K2PK | JP1IOF | NX0I | EA3KU |
| JA8EKU | N4TL | K4HMB | K7UA | RL3FA | EA6NB |
| JQ1IBI | N5JB | K6PJ | K8YSE | VE6AX | EA6VQ |
| K9RX | N8RF | LA9FFA | N1RR | W1AO | F5PBM |
| KX4R | ON4CAS | N5ET | N5DG | W5PF | G0BLB |
| N6OJ | SM0NJO | N6UK | N8PW | WA1FCN | GM3YOR |
| N6RV | SV8CS | N9FN | NE0DX | | I5OYY |
| OZ1ACB | W0EWM | ND0N | NE3F | 313 | JA3EY |
| RW3RN | W2GG | RA0FF | SV3DCX | AH7C | JH1RGG |
| SM5CLE | W6NWS | SP3CGK | UA3TT | IK8YTA | JR3TOE |

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| K6IPM | N2LM | W7QDM | JA2ITK | JA1SYY | KE3D |
| K7ACZ | OE2GEN | | JA3EOP | JE1IBI | KK4OK |
| K8BN | RA1QD | 306 | JA8CJY | JM1JIV | N1QY |
| KE9I | SV9AHZ | CU3EJ | JG3LGD | K2AT | N7BT |
| LA5LJA | W2FV | I5XFD | JH2BNL | K9FN | N7NG |
| N3RC | W2GPS | JA0LXP | JH4RLY | K9QFR | RU1AB |
| N8LJ | WA7NB | JR3QHJ | JH7RTQ | K9UQN | UN7TW |
| SM6BGG | WB3JFS | JR4NUN | K5ALQ | KF2DT | W4RDX |
| W5GAI | WZ8P | K0TT | K7BV | KG6I | |
| XE2CQ | ZS1LS | K3VAT | K9ARZ | OE5BWN | 299 |
| ZL4TT | | K4MM | KJ6NZ | SM4OLL | JA7LGE |
| | 308 | K4PB | KM6HB | SM5CSS | JE4FNC |
| 310 | JA1RTX | K9GA | N0RN | VU2NKS | JH1ADY |
| DK8MCT | JM1JZN | KJ6P | N6MZ | W8JRK | JH2AJY |
| DL6ZXG | JR0AMD | N6PEQ | N9KW | W8KEN | K1ACL |
| EA5OX | K1PL | PY5CC | NE1B | WB2NPY | KB8VAO |
| EA8MT | K3XA | R9SA | RA3SS | ZL2IFB | VE3YF |
| F5UJK | K5GH | RU6L | SK3PY | | W0AIH* |
| HL2IFR | KD4OS | W9ZJ | UN3GX | 301 | W8HC |
| IK0HBN | KE1F | WA3AFS | VE3CRG | HB9LCW | W8QZA |
| IZ2AMW | KM4H | XE1KK | W2NRA | IZ3ETU | WA0ROI |
| JA4ZA | LB8DC | | W2YR | JA1DDZ | WA1EHK |
| JF8QNF | N2WB | 305 | W6RKC | JA1WSK | YB0COU |
| JH1AGU | OH6NIO | AA9A | W6RS | JA2VHO | |
| JH1WJR | ON4ANN | EI9FBB | W7YAQ | JA9AA | 298 |
| JH3GFA | ON5UE | G4ZOY | WA3GFM | JH4ADV | 403A |
| JI1NJC | SP7HOV | GM3PPE | WB2GAI | JH8KFE | EA1RT |
| K8NK | SV9COL | JA2VQF | | K2AZ | EB3CW |
| LU4FPZ | VE1JBC | JA4DHN | 303 | K5RJ | EW1BA |
| N4NW | VE3EK | JE2EHP | HS1NGR | KB1EFS | F6FYD |
| OE5FIN | W8RLS | JH1DGQ | JH1OGT | N1KC | IK2DZN |
| OZ3SK | ZS2DL | JI1UHZ | JH1UBK | N2NL | IK8EPC |
| R8TX | | JJ2RCJ | JI1MNT | N4SC | IW0HOU |
| SP5ES | 307 | JJ2VLY | K0KT | OZ7DN | JA1PUK |
| W0KEU | AA4NC | K0KG | K1ESE | PA7RA | JF2WGN |
| W5ZE | EA7DUD | K0MN | K7UT | VE3YV | JK1GOK |
| W7DO | HB9SLO | K1LPS | K9FZ | W1WC | JR1MLU |
| W8LGJ | HK4SAN | K1SM | N2AJ | W4VIC | K5PS |
| W8MET | HL4CBX | KF0LA | N5TW | W6JTI | KS0M |
| XE1J | IK5PWN | N4HID | SP8HKT | W8MHW | N1API |
| | JE2RDO | NC4RB | UA3ECJ | YO3JF | N4XP |
| 309 | JL1RUC | PY2VA | W0ANZ | | ON4EB |
| DJ2RB | K4JLD | R5DT | W0FLS | 300 | RW4CY |
| IW0SAF | K9MBQ | W2CG | W8BBQ | DL1SMA | SM4AZQ |
| IZ4MJP | K9OT | W3ACO | WB2WPM | JA1GLE | SM7CQY |
| JA1OVF | K9XD | WB5JID | | JA1HOM | SP6A |
| JA1RAE | N7MQ | | 302 | JA2EPW | SP6DNZ |
| JI3BFC | NF4A | 304 | AA8R | JG2NLN | YB1AR |
| K1CBK | NZ3O | G3KMQ | CU2DX | K2CBI | |
| K4JAF | PY2IQ | HL2WA | DL2SWN | K2RSK | 297 |
| KC5LK | SM0MPV | IZ5RVG | FG5FR | K5TT | AA5AM |
| KR4F | W2ZI | IZ8FDH | HB9ZS | K9ZG | CX6VM |
| LU8ADX | W7BEM | JA1XRA | I4KDJ | KD4W | DS2BGV |

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| G3VAO | JR1FHP | W3NS | IV3GOW | IT9RTA | 284 |
| I2DMI | K8FH | W5SL | JA1DXA | JA1VRU | DJ0UT |
| IZ8FWN | N4JQQ | W6PJ | JA2NNF | K2XB* | JA1IVY |
| JA9PQ | N7RD | W7AH | JA5BEN | K4CMS | JA3BLN |
| J11CYX | UR5EDX | WA1PMA | JJ6DGP | K6EID | JA5NPV |
| K5CR | VA7ZT | | JR7FRW | KE8UM | N1IA |
| K6SRZ | W2WG | 292 | K6XN | OZ6EI | N1JP |
| N1ZZ | W2YK | DL3KZA | N4XMX | W1ZK | N2YBB |
| N7IR | W4GIW | IZ3ENH | N5YY | W5QM | N6HY |
| N8PCN | W5WLA | JA2MNB | N9ISN | ZS1A | W6DPD |
| N9SF | W6SHY | JH3GCN | OZ5NJ | | W7IU |
| NA2U | | JM1SZY | PA7TWO | 286 | W7JWM |
| NW4M | 294 | K4WES | SV3AQR | 7K1PTT | ZL4AS |
| W1VT | AF4HX | K7XB | UA0FO | BA7IO | |
| W2JLK | HB9DHG | K8NVR | VK3FM | CT3DL | 283 |
| W3FI | JA3WMS | KD6UO | W3MF | DL6JZ | F4BKV |
| W3RJW | JF3PNQ | KE9S | YV5OIE | E21EIC | HL3AMO |
| W9GXR | K1DT | LA8HGA | | EU1U | JA4GXS |
| WA4TII | K9MK | N2KX | 289 | HB9IQB | JA8BOV |
| | KD0PO | N8OC | DS4AKP | JH1FVE | J12EMF |
| 296 | KU8X | ND0C | G3VPW | JN3TRK | K5JZ |
| A65CA | N8SHZ | PA0TCA | HL2KV | KR6C | KF4NEF |
| AK5X | PA0JSE | UN7LZ | IK0UTM | N1BCL* | K11U |
| CT1ELF | SM5OJH | UX5UO | JH1OVY | N4HB | NQ1K |
| DL1TRK | UT7UV | W0UVC | K1GG | N7UN | SP6JIU |
| EA1KY | W0CP | XE2MX | K9YC | N8NN | VA7XX |
| HL3GOB | W7IAN* | YO2CMI | M0TTB | NA5DX | W0QQ |
| I1FQH | WA4LOX | | N4RWG | SV1CQN | W1MK |
| JA2FBC | YB1UUN | 291 | N5KM | YO9FNP | W6GRV |
| JA5XAE | | I1LGR | N9BX | | W9YE |
| JF1IRW | 293 | IK2PZC | NE8P | 285 | ZS2EZ |
| K1ZE | CU2AP | IW1QN | ON4ATW | A65BR | |
| K2FW | DJ3AS | IZ8XQC | RN9N | AD8P* | 282 |
| K9ZM | EW1KP | JA1EMQ | WO7R | F6DBX | DF7EE |
| LA3WAA | HL3ERJ | JA7VEI | YB9WZJ | I0JBL | F5LIW |
| N8XI | IZ1LBG | JF1JTQ | | JF0EBM | I8JIT |
| OM4EX | IZ8GGF | JH4ALY | 288 | JG3FEA | JA1GVT |
| OZ4VW | JE2DZC | J11CQA | AF5CC | JH3FUK | JH8LEY |
| SM7NDX | JK1ODA | JR0PJR | IZ4DPV | K1MAA | JM1CMA |
| UW2ZM | JR1EFG | K5DHY | JE4CIL | K3PU | K2MHE |
| W7HPW | K0DEW | KH2L | K8ZZU | K6MKF | K7GM |
| W9GG | K1JIU | N7TR | NE0U | KA1DJ | N2SQW |
| XE1RBV | K3LR | NA4MM | RK4FD | N6QI | N5UL |
| | K4JJW | SV1ACK | SM4BZH | NA5Q | PY2KP |
| 295 | K4VIG | W4NK | W2OIB | PZ5RA | W6OUL |
| 9M6YBG | K4WNW | W7VY | W4KA | SM6AOU | W6TK |
| CT1AUO | K6CF | W8WVM | | SV2DGH | WB8BPU |
| CT3HF | K6LRN | W9AJ | 287 | VE7TK | WN6K |
| DS5ACV | N3KN | WF4G | AA4FL | W1YRC | |
| IK2RPE | N5ZC | WX0B | DL1KUR | W4LSC* | 281 |
| JH3KAI | ND4V | | DL5XL | W4OX | F6DAY |
| JL7BRH | SM0XBI | 290 | EA1AST | W9MJ | G3LUW |
| JO4CFV | SM3LGO | DS4BBL | EA1KP | WB4YDL | IZ8DFO |

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|------------|------------|------------|------------|------------|------------|
| JA5FBZ | KF7PG | SM7BHH | W8IW | JA1MZL | 266 |
| JH0NBN | OE3SGU | SV2DCD | | JA1QIW | HL5BMX |
| K1GE | OM7CA | VU2PTT | 271 | JG8NKJ | JA3BG |
| K2UFM | PY2FN | W5FL | 4X6UU | JR4LZX | J18PDC |
| K4EU | SM5FWW | W6WF | DJ9SO | K5ZQ | JL3DGI |
| K6ZZ | SP6AXW | W7AV | E72U | K8ZM | K0MD |
| N4UOZ | VE1OP | W8OP | IW0HQE | K9TF | K2SN |
| N7VPN | W8CD | WA8MCD | JA4JLT | N6BM | K4MIJ |
| PY2GG | W8NN | WB5ZAM | JE2VLG | N9XX | K5WBM |
| W9RXJ | W8TN | | JF2OZH | OE2BZL | K7VC |
| WB3BFC | WA5UA | 274 | JP1SRG | SM0DSF | K8AO |
| | | AI9U | JT1BV | SP1DSZ | LA6UL |
| 280 | 277 | IZ4DIW | K0CS | W6RFF | N9QQK |
| CT1DOF | HB9TKS | K0THN | K1USA | W6RW | OZ1LCG |
| DJ5IO | K0TPP | K1KI | K7FEL | | |
| EA5DFV | K1LT | K8JE | KC4AA | 268 | 265 |
| IW1ARB | K2OGD | W6DE | N6VS | EI8IU | G4VMX |
| JA1TD | K6UNE | | N8AYY | HB9FBG | HB9CXZ |
| JA7GYP | K8YYY | 273 | W2WC | JR2TQG | IT9JPS |
| JH1RFM | N4PGL | AB1J | W4UAT | K0PC | IZ8EKL |
| JK1BSM | | HL2CFY | W7JY | K1RV | JA4HXF |
| JO7KMB | 276 | IK0XBX | WA6JA | K1XV | JE1PNX |
| RQ3A | AJ8MH | IZ7AUH | WB8B | K9OR | JR2IMJ |
| UR5FEO | DL4NBE | JL1OEC | WC1M | KC9G | K2BLA |
| W4DAO | JA1ERB | K0QB | | KE4UW | KD0AA |
| W7NN | JH1IZR | KI7AO | 270 | N0OK | N3ME |
| W9HBH | JR1GFX | KK9T | DL1HRN | N5PA | N4LR |
| WB8K | K7LV | KM2E | E73W | NV9L | N4XYZ |
| XE2D | KE0A | KM7R | G0VXE | NX2X | SM2OAN |
| | N7WO | PY2WC | IK0EFR | W3KHQ | W0RX |
| 279 | RT5A | RL3AA | JA0DET | WB2KSK | W7HUY |
| DL2RTL | W0K CJ | S54A | JH1DTX | | W9FI |
| EA5AR | W3BJ | UT3UZ | JN1NOP | 267 | |
| JA8FFM | W6DCK | W1KDA | K1NJ | AB4SF | 264 |
| JF2SKV | WA0SXV | W6ZPL | K4VNY | HB9JOE | 4X6ZK |
| JN1RQV | WA5LFD | W8TE | K9SG | IK0OPS | AK1N |
| K3GGN | | WA4DOU | KE4S | JA8ZO | CU3AN |
| N7XR | 275 | WA5NOM | N6RK | JH1FNU | DL8OH |
| RT0F | AA3LX | WE2N | N8VV | J11VVB | IZ8VYU |
| W4UFO | CT1FUH | ZS6P | N8WRL | K3GW | JA1JYE |
| WA3C | CT3KN | | NN6K | K5VWW | JA1MOH |
| WZ4RC | I4FTU | 272 | RD3AW | RA0BA | K7HC |
| | IT9BLB | AE0P | RW3FR | SM2HWG | K9NR |
| 278 | JA2KTP | JJ1KZZ | W1JGS | W0LS | KK5OQ |
| AG3V | JA3WLN | KD8RQE | W4LIA | W4DEE | N3KS |
| DS3HWS | K0SQ | KG6D | W9ZCL | W5UHQ | |
| IV3VBM | K4QE | LA5YJ | WA6EZV | W5VY | 263 |
| JA2HYD | KA6BIM | LB2TB | | W7WZ | AK6I |
| JA3UNA | LY1G | N4JT | | WW2DX | EA7SG |
| JR7WFC | N3TR | NT2A | 269 | XE1MEX | JA3EEM |
| K0CF | N4ENE | VK2CA | 4X1RU | YL2KF | K2DC |
| K4OCE | RA3BL | W1GQ | CT1BOY | | K3XC |
| K5DV | SA0AQT | W5DAW | CT1EAV | | N3RW |
| | | | IZ8IEV | | |

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|------------|------------|------------|------------|------------|------------|
| NA6MG | W2PS | N7MB | K8ESQ | EA1BLA | W5VQ |
| RU0SN | W7IV | NI0C | KF8HR | EI4CF | W6SFK |
| SM6CLU | | PY2FZ | N1WON | JA5XPD | WK4Y* |
| W0OGH | 259 | W5DNT | N3QE | JH3MHI | WY6N |
| WB6BFG | DS4AOW | W5ZG | RM3DA | JK1MZT | |
| | G0OIL | W8SAX | W7MEM | JT1CO | 248 |
| 262 | IV3AVQ | W9IM | WA6KHK | K8DV | AA4DD |
| AA8M | K5EWJ | WA5YON | WC0W | NY2NY | BX5AA |
| BA4TB | KE1B | | WS1L | VE1JF | GM0VRP |
| DS5XEH | N3ND | 256 | | VK3HJ | IZ8MBW |
| EA5RD | N9UA | AE5B | 253 | VR2XMT | JG1SWM |
| IK0CHU | PY2RO | DL8AAV | EI2GLB | W7BQ | JG4OOU |
| IK2RZP | W5GA | DS3EXX | JA1NLX | W8UV | K4RG |
| JE1CTA | W9UM | F1ICS | K2PF | WZ8T | K4YYL |
| JE1HRC | WA4MME | JM3GXU | K4AR | | K7WK |
| JM1GHT | WA9GON | K0OK | LB6KC | 250 | K8QKY |
| K4IE | WB4DNL | K9OW | M0CSD | AK3E | KD6FW |
| KD1F | WD9Q | KP4DKE | N2GZ | DK6OR | KF7F |
| KE8G | | KS4S | NW4DX | DL1QQ | N6ER |
| SM2DMU | 258 | KU4BP | SM2EJE | EA5MB | NO9E |
| SP7QHR | AA0MZ | NA2P | UR4IOR | EA5RU | OZ1HPS |
| W1AW | F5JSD | W2FKF | VE2BWL | F6HLC | UR3EO |
| WA3RHW | IK2QPO | W4HZ | W1GY | IZ1JMN | V51B |
| WW8W | JA0DWY | W6OPO | W7TUS | JA1QOQ | WA3GNW |
| YC0QR | JK1TCV | WA4JQS | WA5YOM | JA2ACI | WS4H |
| | JO1LVZ | WA9PIE | ZS6NJ | JA2HGF | |
| | K3GT | ZS6IR | | JA3MIO | 247 |
| 261 | K6BV | | 252 | JA4RED | DJ3XG |
| 7K3QPL | K7KJ | 255 | AB0RX | KD2GC | DS1JFY |
| DL6UAA | KD0Q | 7L4VYK | DK4TP | KF4VTT | DS5DNO |
| HB9MFM | LU1FM | AA6RR | EW1P | LZ2HM | EA1DLU |
| JA6AVT | N1BY | CE3FZ | GM4YMM | N2NW | F5AQB |
| JE1LPZ | N6EM | EW3CW | GU0SUP | N8WD | HB9CQL |
| JK1WSH | N6NU | IS0AFM | HB9DRS | PS8ACL | JA1PVX |
| JK2VOC | N8GP | JH1QAX | JA0PE | RA3QUA | JA7ZP |
| K2CYE | PT2ADM | K4TXJ | JL1GYZ | SV1BYI | JK7LXU |
| K7LY | RD3BD | KB2XJ | K3BZ | W5RDW | K0HQW |
| PY5IP | VA2IG | KE5FXE | K4CGY | WX2K | K2AX |
| SV1VS | W8HMK | N2DPF | K4JC | | K9JE* |
| SV8RX | | NU1B | K4KAY | 249 | KL0S |
| W0OVM | 257 | OZ1IKY | KB5UNX | AD6ZJ | KN7Y |
| W1ZS | EA4UV | SM5CBM | LA0FA | DL4FDM | N1EN |
| W2TB | HB9IIO | SP6Eiy | N1NU | DL7UIO | N8AGU |
| W7ZJ | HL4CJG | W1KMA | N4ANV | EI9FVB | SM5AOG |
| | JA1DCO | W3WST | N9AKR | G4ZWY | VU2CDP |
| 260 | JA4IYL | WA1ZIC | NE5S | JH0RVY | WA5CMI* |
| 9A4T | JF1RYU | YB3MM | VE6SV | K0IL | YB0AZ |
| DL2NOM | JR2PAU | YO4AUL | W8UQ | K6IPV | YO4DW |
| K5TA | K4EB | | WF4U | N0ODK | |
| KI7HO | KA9OKH | 254 | | N6ZN | 246 |
| N6IBP | KP4RV | AJ4A | 251 | ND4X | AA3TH |
| NA2M | N1MD | JA9NFO | DF3EC | OE6CLD | HL4RBR |
| NA5Z | N6JM | JR6GHN | EA1AF | VE6TL | IK8OZV |
| VE7UF | | | | | |

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|------------|------------|------------|------------|------------|------------|
| JA0ED | IZ4BBF | WS9V | 238 | 235 | NA8W |
| JG3NKP | JA0CVC | WU2G | JE4WSA | IK5BOH/2 | SP7ICE |
| JH1ACA | JJ1LID | XE2X | JH5HDA | IT9GSF | SV2BXA |
| K5FZ | JL1VWL | YB0MWM | JH6WMJ | JA5CUX | UN7BY |
| KE5MMT | K7AWB | YB0NFL | JL3RNZ | JL4BSE | VR2MY |
| KE6V | KA1J | YO3AIS | K0OE | K5ZD | W0IKD |
| KK1W | KM5VI | ZS2I | K4YJ | KL7TS | W1XV |
| KN4FO | N6VNI | | LA8CJ | KT2C | W5EC |
| W0MU | NJ3K | 240 | N3NO | N4OA | W8BI |
| WB1EAZ | UA9AGX | AB4UF | N6MB | PY3SB | WA8RCK |
| 245 | W1MR | AD4AA | N6MXU | R0QA | WA9JWL |
| AE4CW | W2TX | EC1AIJ | NC7M | VA2LC | 232 |
| DL5KUA | W4REX | IV3BSF | W5YM | W2EQ | AA7XT |
| HA5BSW | W6NK | IZ5EBL | XE1EE | W9GIG | AB5YI |
| HL4XM | W8WEJ | JA9EEH | 237 | YB2VTO | EI2JD |
| IZ1JLG | W9OO | JH7HJL | CT1GFK | 234 | G4FAL |
| JA2NDQ | 242 | K4EA | DK6BT | 4X6KJ | IK7YCE |
| JF1TEU | DF2QC | K6GFJ | DL2JIM | DJ9KV | JA3ARM |
| K4JWA | HB9DOT | K7CMZ | DS2LGK | HI3T | JA6DJD |
| K6JAT | K2MK | K8GWU | JA0KJE | JH1LAH | JE2VYM |
| K8SIA | K3OX | K9GWH | JA3ENN | JL3SIK | K1RI |
| N0AMI | K4WZ | KB9S | JA7GZM | K0KP | K8YAH* |
| NX1P | K7JH | KK4OW | JH8NQV | K4RWP | MM0EAX |
| PA1NHZ | KI4TZ | MU0FAL | KE3X | K5FNQ | NA1DX |
| PT2CSM | KZ9DX | N3KR | LX1KC | K7QYY | NM1G |
| SM7DXQ | LZ2ZG | N3RR | N6GP | KA8SYV | NR4M |
| W3ML | M0IKW | N4DWK | NA4EA | N1ZJ | SA3CAT |
| W3TZ | N4HN | N7UJJ | NX8Y | NA9RB | UA3O |
| W6HYI | N6XT | PA2TMS | W1FA | OZ0J | UA4PK |
| 244 | W6BK | R9MJ | W4PG | PT7CB | W0YK |
| GU4YOX | W9QO | SP5LKJ | W6CN | W2DXE | W4AO |
| HB9ESS | WB6AXD | W9LQI | ZL1ANJ | W2OR | WA5KBH |
| I7LGM | XE1H | XE1R | 236 | W3TC | WB0ULX |
| I8YAV | XE2B | 239 | G3VQO | W4DVG | 231 |
| IZ6CST | 241 | CT1BNW | I0LYO | W5RYA | CT1FCX |
| JA1CPS | 7Z1SJ | IZ8FTW | IZ5FSA | W9GM | CT1HHP |
| JA7SFD | AC5AA | JA1IFD | JA1BON | WE1P | DL9GTB |
| JH7WNV | JJ1KXB | JE2UFF | JA1VRY | WY0V | EA1AZ |
| JK1VXE | K2CS | JF1MTV | JA6CMQ | 233 | G4XRV |
| JL6USD | K8ROX | JH0NOS | JE2ILG | CT1ETE | HB9FBM |
| K0BBC | KA5VFU | KG4JSZ | JN4FNZ | CT3MD | HL2DBP |
| K1KU | KF0RQ | KY6R | KE5TD | DS4NPL | IK3DVY |
| K6IRA | KJ7NO | MU0GSY | KG5VK | EA2AAZ | JA5ALE |
| KW9U | N9AVY | N3AO | KI7M | JA2QXP | K6ASK |
| N7ZA | SM5BNK | NA4CW | KU4XO | JA3DLE | LA7GIA |
| NN4X | W6WA | VR2XLN | SP5ELW | JE4MHL | N2RJ |
| SM5ELV | W7QHE | W4GP | VE3UTT | K0XR | NA5S |
| W6HB | W9GE | W5THT | VK3OT | K4YP | OH4UI |
| 243 | WA2VQV | W7SX | W0DD | KA7CVJ | ON6AA |
| HK1MW | WB2ZAB | W8PI | 235 | KK9H | RN3QO |
| | WS5W | YV5LI | | KY5I | SM7AWQ |

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|------------|------------|------------|------------|------------|------------|
| UA4PT | KD2OV | 225 | IT9ABN | KD8MQY | 218 |
| W5XU | KG5EG | AF3X | IZ6ERS | KO4XI | 9A1AD |
| WB3D | KV4T | E20YLM | JE0EHE | VE5EL | AB5GU |
| WB4GLI | KX1A | EU1KY | JH4ADK | WB9MSM | DS4DRE |
| 230 | PA3BWD | F6ECI | K1JE | WG0M | I5FLN |
| CT3CD | PY2ADR | G3WW | K1TKL | YB1TJ | JA6GPR |
| EA7LL | SV8DOU | IK7YZG | KN7D | 220 | KB0IKW |
| G4XEE | WA4NUF | JA5DBE | KN7K | 7N4OBV | LT1F |
| HK6P | 227 | JA8JOZ | LA2GH | E77S | LX1CW |
| JA1FVS | DO2UDX | JH6WDG | R4FAN | EA1AR | OM8FR |
| JA1UOA | EI3IO | K0EOO | W3IZ | EA2RY | W1RH |
| JA2AXB | JA3AVO | K0MFI | W4CCS | HL5BJU | W3KHZ |
| KH6XT | K2KA | K8CMR | W5HY | JA3PRM | W7VS |
| NK9O | K2OP | K9JU | WB8YTZ | JH0KWZ | W8WT |
| TA1CM | K3SW | N3HYB | YT7T | JH0OXS | 217 |
| V51YJ | K5DCW | N4BAF | 222 | JM7TKK | AE5L |
| W3OD | K7LAZ | N6NG | CT3DZ | K0MP | BV1EK |
| W4TE | K8VD | OT1A | CT3EE | K3WGR | EA1AA |
| W5WS | KF7NN | SK0QO | DL6UNF | K9QA | G1VDP |
| W8LIG | KM2O | UA2CZ | G3PSM | KB4CRT | IK4NZD |
| WA8A | LA6OP | UA9MC | G8APB | KK7YC | JA1MOD |
| WB5STU | N7TY | VA3IC | GW4TSG | KQ4EE | JJ1VGA |
| XE1ILI | PB9FN | W4MAY | HK3CW | OE1JIS | K8CC |
| 229 | RN3CT | W6PG | IZ0GYP | PY2DS | KB9AIT |
| DL5JS | W6PH | W7IUO | JA1KXQ | SV2CLJ | ON6ZV |
| DS5WQT | W7BJN | W9CSX | JA4CZM | VK3KE | SM0BYD |
| EA4EPY | WQ1H | WA4MIT | JA7FAS | 219 | W2NY |
| IK1IYU | 226 | WW4LL | JE7KCI | DS3BGI | W5GN |
| IZ0COI | AB2E | 224 | JF2QNM | G3LOJ | W7RN |
| JJ2PIK | E74A | 7J1ABD | K1JD | HB3YFC | 216 |
| JR3UIC | EA3CAZ | DL6DCD | K3HW | IK0XIH | 9K2NO |
| K1TN | G3LAS | IZ1JLN | KB1DMX | IZ5MOQ | HB9AGO |
| K2EK | HL4GHT | JJ3MJK | KD0S | JH1RVQ | IK4TVP |
| K3IXD | JA3BKP | JK1EBA | KD4SN | K8ARY | K4SX |
| K5GM | K9KDS | K0UBR | KM4NS | K8YE | K6FAF |
| KK0DX | N4AOE | KB5YN | LU2JCW | KB5CSQ | K8RRT |
| KR0O | N5GO | KU1T | N0IW | KG4CUY | KA4LBD |
| SM5CCT | N5KAE | N3KV | N1CC | KJ4UZU | KB1HY |
| VK6LC | NZ9Z | N6VH | N3DV | KK4CB | KL7HBK |
| W7HR | UA1OM | RA9SC | N8IL | KU2A | LA2LI |
| YL2TW | UA9FFV | UA9FFV | W6HDG | N4TOL | N7BD |
| 228 | W0FG | W1OK | WA0WWW | N5BA | NA2AA |
| DS1CPT | W0JM | W4NBS | ZL1ANH | N7PIB | NI5F |
| EA5XV | W1MJB | ZL3TE | 221 | ON6KE | NS3L |
| JA8ALB | W4GH | ZS2Y | 7K1CPT | W5MF | RN0C |
| JA8XQI | W4PGC | 223 | A65BD | W6GJB | SQ7FPH |
| JG3RWX | W6MVW | 9H1EJ | AG5Z | WA3FRP | WO5I |
| JR6LDE | WA4USA | DL7UPN | HB9DVZ | WA4CEM | WR7Q |
| K0TV | WB2AA | EI6IZ | JA2OLJ | WA4YYM | 215 |
| K4KAL | WB9PNU | F6DHI | JE2LPC | WA6G | 7M4AOE |
| | YB2TX | GM0NAI | JJ4WAO | | |

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|------------|------------|------------|------------|------------|------------|
| AA5N | NU4B | WB9M | W4TUN | AA3K | 9A1A |
| AG0A | W1UK | WC3W | W6DRB | AA4OC | AC6BW |
| DJ7JC | W2UB | XE2AU | | EA5BZS | AL7R |
| G6NHU | W3BYX | | 207 | GM3WIL | EI8GS |
| JA0EVI | W4GHD | 210 | AB6CF | HL0CAC | G7SSE |
| JH0IEW | | AA4FU | AB7RW | IZ7GIT | JF1KIG |
| JI1BHO | 212 | F4CPF | CT1EGW | JA1SZN | JF2TOG |
| JR7ILA | 6K5AQY | F4GDI | FG8OJ | JA2ODB | JP1WFI |
| K0IO | AG7N | HB9DMQ | IK8UHA | JA3TC | JR0RBY |
| N0CKC | DM5JBN | HB9EBM | IW9DNI | JH1NYN | K0ABC |
| N5GJ | G4FKA | HL1VAU | JA3AOP | K6VWE | K0GEO |
| N6PAT | JA7EU | I2YPY | JA3BXF | K8MRT | K0GW |
| RL3BZ | JH1RNX | K4GN | JI1BJB | KC6JAM | K1UU |
| RU9MX | JH3LCU | N1AC | JQ6DAC | KD4QMY | K3MSB |
| TF8GX | K0LU | NA9Q | K4JKB | KG8DP | KI4DLS |
| VK4CAG | K2HAT | OH2IS | KZ1W | KK4CLY | N4ZY |
| W4TTY | K4IU | OM2AGN | N3JM | N0ABE | PY2RN |
| W5AP | K7VL | SM6WET | N3PW | N2MEE | SP5APW |
| W5FPT | KB7V | SP9NLI | N9RD | N7TP | W9JJB |
| W5VU | KR4BD | VE2ACP | PT7YV | PA2SWL | WN7J |
| W7VV | N0TK | VU2LBW | SP5ZCC | PY8WW | YO3DDZ |
| WD8PKF | N2ZZ | W1GF | W4DFU | SM7GIB | |
| WM5DX | N4LV | W4UT | W5JAY | VE6SH | 202 |
| WQ7A | NR0T | W7BC | W5RAE | W4GE | CU3EQ |
| | W5TFW | W7NP | W7BV | WA7BNG | DS4GKF |
| 214 | W6SIY | WB2HJV | WC2C | WQ5N | EA1WH |
| AJ8B | WC0EM | | WJ7R | WR2G | EI4BZ |
| EA8AXT | WD8KND | 209 | YO5OEF | ZS1EL | G4SGX |
| JA1FJJ | XE1MW | AA4A | ZS6UT | | JA9APM |
| JF1LMB | | JA8EIA | | 204 | K1ROA |
| JI6IHG | 211 | KH6CQH | 206 | AF8C | K8EAB |
| JP1EWY | AG6HE | KK4XL | 7K3BKZ | DK3TL | KR9A |
| JR2LJO | EA6AZ | KR0I | HL5FXP | IK2WSO | KW4CQ |
| K2QB | IU4CHE | N0HJZ | IS0EBO | IZ5GST | OH1HAQ |
| K8LBT | IZ6GSP | N4IQ | JH1FRW | JA4BGK | RX9JX |
| KI6PG | JA1DIO | NU0Q | K0GVT | JH1AJT | W0MF |
| KV4FZ | JA8ANQ | OE3HWC | K3VAR | K2JK | W8JA |
| NI7F | JH2NWP | SM0NZZ | K6UXO | K2RU | WA3GM |
| PT7DX | JH6CDI | SV3RKM | K7QBO | K5RKS | YV4DYJ |
| TF5B | JN4ASA | W4DN | KA1O | KF6A | |
| W1ASB | JR0GXA | W4NE | KB9BJV | KX9X | 201 |
| WA5NFC | K5JMB | W6BBS | KF8VX | KZ2R | ER0FEO |
| WA8Y | KI4WCQ | W9AMX | KK8MM | N6VI | HA5AWT |
| WB9IWN | N9IXD | | KX4TT | PY5VC | IK8TEM |
| WQ8T | SP7CVW | 208 | N5JC | UA9CIM | JA1BUQ |
| | VK5CE | DG5LAC | N7TM | VE3VHH | JA1CC |
| 213 | VU2CPL | EW4C | NV4A | W4WFC | JA2BUR |
| GM0VIT | W3JXP | KB5HC | W0GWK | W9MAK | JA5RVN |
| HL3EFM | W4ASE | N4QWZ | W3WH | WA8IHI | JF2VAX |
| JA4CSJ | W4GV | N5DRV | WA1NXC | WS7I | JF7RJM |
| JH0AUY | W4PV | SM5AFU | | | JI1OWY |
| JL7SNM | W4UDH | W1WTG | 205 | 203 | K0QQ |
| NT6AA | W8FAX | W2/CT1GIF | 7Z1CQ | 7M2MIK | K3VPZ |

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|------------|------------|------------|------------|------------|------------|
| K3WWT | 199 | N9LEO | DL5PW | N6MA | K8EB |
| K5LLA | A61BK | NP2N | HL0EXN | N8NH | KX5V |
| KE4KMG | AB5RM | TA1AL | IW0EFA | NH6T/W4 | LU9DO |
| KG9Z | EA1WS | W1LE | JA4DNC | PY2LSM | N0BK |
| KW2J | EA5DKU | W1MSW | JH0WYT | W0ZX | N6JOJ |
| N7JXS | EI7JZ | W3EF | JH1RMH | W1RG | SM0NUE |
| NI8Z | HK1X | W6AER | K4VUD | W4CMM | VR2PX |
| OZ3SM | HL4CCM | W8GNM | N4FN | WB1DX | VU2DCC |
| PF1MO | IW9FRB | WA6URY | N8KM | WB7QXU | W4MA |
| VK3TC | IZ3XEF | | NE5W | | W7LEB |
| W1WEF | JA7OXR | 196 | RX3BP | 191 | WM9Q |
| W3DIY | JF8LPB | G0DRM | VA3HP | IK1UGX | |
| W7VAS | JH0BQX | HB9PUE | VE3MF | JI3CJP | 188 |
| W8DN | K1UM | I8NLC | VO1XC | K0VM | DS5BRE |
| WB0N | K3UC | JA5CDL | W0BM | K1EO | HZ1GW |
| XE1YD | K4RP | K3SX | W8TM | K2RET | IK5FUZ |
| | KQ4AV | K6EME | WA0RVK | K5AUP | JA3VUI |
| 200 | KS4YT | K8POM | WY7FD | KD2SC | JF2DST |
| 9AY2K | W1FM | K9WMS | | KI3O | JJ8UTK |
| EA5ZR | W6FI | KT5V | 193 | KX2B | JM3XZC |
| GM1BSG | W8FIB | N0OB | DL4IW | R3BB | K0YY |
| IK2HDF | W9ROG | N0YO | DL9NDV | VE3CWP | K5EWS |
| IK2RGT | WO6T | N1DC | EI6JK | W4PJW | K7YZO |
| JA1ASO | | N8KOJ | JE7ART | W8YV | K8KY |
| JA1BPN | 198 | N8NB | JI1SAI | WR4AP | N3AIU |
| JA4HAW | 8P6SH | VE2WY | JL3OUW | | RA3CO |
| JE2KSM | DS5AAQ | W3ABT | K5NV | 190 | VE1DUN |
| JH0LME | DS5TOS | WB4ROA | K9IA | AD5MD | W4HOG |
| K3MI | G4AFJ | WD1X | KN4JX | CU2CE | W7OLY |
| K4VX | KD4POJ | WO5D | KS4Q | EA5HM | WA2VKS |
| K5ER | N0STL | ZL3PAH | LA1J | EI1DG | ZS6C |
| K6SY | N5KUC | ZP6CW | N2WLG | JA0HC | |
| K9DQ | ND9M | | N2ZL | JJ1IRS | 187 |
| KB4MRX | NR2D | 195 | NA5C | K0FD | DK7SL |
| KF8PD | W2RDS | AA0BH | OH6BG | K4RDU | IK5ZAJ |
| KU4V | W3JX | AB4GE | WM4AA | K5CD | IK8IPL |
| N5QS | | DS4DBF | WR2V | K6BR | IW0BYL |
| N5TF | 197 | HL5UOG | | KG6WIK | IZ0NRG |
| NZ7Q | AA3AZ | JJ1BDX | 192 | KS5Z | JI8HPN |
| OK2FB | EW4A | JR3ADB | AC4BT | KZ1X | JP1GLV |
| PP5VB | G3YBY | K1QQ | DL2RD | VA3NXM | K3CWF |
| S55DX | G4AYU | SM0EUI | DS2GOO | W3EP | K4WFM |
| SM3PHM | IC8XIL | W4SUL | EI9E | W9KVR | K9QJ |
| SV1XV | IZ4AIB | W8MIL | F4FLF | WK8A | KF8N |
| VA1SEA | IZ5BYJ | WB0O | FG4NO | | KJ9B |
| W1LY | JA1PRV | WM5H | HB9BEM | 189 | KP4N |
| W4ATM | K8CQ* | XE1RCS | IK6CGO | DM2RM | KT8D |
| W5WZ | K8KI | YB2DX | IZ0CKJ | HL1OYF | N7JB |
| WA7HQD | KF9AF | | JF1KML | I6TIH | N8WXQ |
| WD8EOL | KG2V | 194 | JH3PRR | JA1EYN | NV4B |
| ZS1C | KK9M | A71EM | JP1GVC | K1LTJ | PT2BW |
| | N3XM | AA9WO | LZ1MDU | K4FK | PY4OG |
| | N4HL | AI4QQ | N0RQ | K5HK | R3LC |

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|------------|------------|------------|------------|------------|------------|
| UN7BK | ZS6RJ | K0COM | NN6CH | W6OU | K0JJR |
| W7GSV | | K2KIB | PV8DX | | KF2ZQ |
| W7LEA | 184 | K4KGG | W0GXA | 177 | LA2XPA |
| W8WD | 3A2MW | K7PO | W0JMP | AA4RX | N2ADE |
| WA3WZR | AA2KD | KB3IFH | W6NUC | AB4FH | N4MIK |
| WB4SON | F5EOT | N2XQM | W7DRM | AH0U | PY2FUL |
| WB5NHL | JA1BIV | N5WYR | W7QC | HL5NBM | W2ARP |
| ZL2AO | K6AHG | UA9AM | WB3JNC | IU4AZC | W6DR |
| | K6EGF | W3AT | WD5BJT | IV3EHH | W6FL |
| 186 | K8YF | W3RMS | YB1AQD | JA3TYB | W9WO |
| 4Z1WF | N0VVV | W6IS | | JH6RTO | XE1NW |
| AA4LR | N3CZJ | W6NT | 179 | K1BZ | XE1V |
| AD5WB | N4UFP | | AA5NT | K2JGL | |
| DJ3GW | N4UP | 181 | AB9KZ | K4OY | 174 |
| DL3ANK | N6GY | AD4RE | CT3KY | KB9LIE | AC9EM |
| DL7JRD | N9JR | DS3CPL | DF5BX | N5HC | AE0Q |
| G4FTC | ND7K | EA5KA | DL6FCB | N7GCO | DL2AMD |
| HB9TQL | SP3S | G0HSA | DL6NW | N7UG | GI4OWA |
| JF3VEC | VE4GV | HK6K | JA2CPD | NA0N | IK4MHB |
| JK1OTP | WC2L | HL4HLD | JA2KPW | V31MD | IK4QJH |
| JQ1YIW | WK1Q | JL3CRS | K1DPB | W2PSU | IZ1UKG |
| KA5IAU | | JQ1CJF | K4EZY | WX0Z | JE2SOY |
| NU4I | 183 | JS6SCC | K5UZ | YB2TJV | JM3UAO |
| UT7KF | AA4EA | K2CDJ | K7LFY | YB4IR | K0COP |
| VE3FRR | EA2AA | K4JPD | KC2SST | | K0KM |
| WA3V | EA3HPX | K6WSC | LB5WB | 176 | K2GLS |
| WA8COB | EA4RE | KW7XX | N1YX | AJ4IM | LP1H |
| WA9MAG | G0FWX | LA8PDA | N4QVM | AL7TC | N6DHZ |
| WK9U | JA4IU | NS6E | N6RC | DH0GSU | N9NB |
| WW0E | JH3EQP | VE2GHZ | NN4K | DL2IAN | OE1HHB |
| WW5RC | K1VI | VK4BUI | PY3IT | G8AJM | VE2AXO |
| | K4AU | WA5YNB | VE3KKB | IV3CJT | VU2XE |
| 185 | N4JED | WB6RAB | W4JDS | IZ3DBA | W6DOE |
| 7K1LUE | N4ST | WT5L | W4WNT | JA1DGC | WA2ALY |
| DF2WF | N7RQ | WV4V | WX2U | JE2FJI | |
| DL1ZBO | NA6O | ZP9MCE | | K2HT | 173 |
| EA4TE | NZ0O | | 178 | K5AZZ | AG4TO |
| EA7LS | TA2AD | 180 | DJ5DT | K5LY | DM3CW |
| JH1ERJ | W0TK | AD9DX | EA1AHA | K6KZM | F4DSE |
| JP2AEA | W1USN | HB9DKV | G8DX | K7TQ | JA1DZN |
| K1YQ | W4QH | IK2WPO | HL4GIK | KF5BA | JR4DHK |
| K1ZO | W4WB | IK8DUI | I8HAK | N4WOT | JR7MAZ |
| K4DET | W4WN | JE1BJP | IZ4COT | N6MM | K1JKR |
| K5PQ | WD9FLI | JR0MVH | JA2LMY | UA3DUJ | K2DF |
| K9YZ | | JR1AHP | JK6MXY | XE1HG | K3WC |
| N5BO | 182 | K9BQL | KD2T | | K3ZK |
| NK5O | DL9FCY | K9GY | N0AX | 175 | K4JUJ |
| NN3V | DS5QLJ | K9TRV | N0LGU | AA7UN | K4OP |
| VE7VZ | G4YCS | KD3HN | N7DED | AC9X | K4ZNC |
| W5MJ | HI3Y | KM4LS | NK7C | AK5Q | KG0YL |
| W6VRK | JA0KJD | KX1G | OM6CI | CU2AF | N4ASX |
| W8HB | JA9LX | LB2TG | PY2OA | DF2GH | N4QOG |
| WB2KSP | JK2AQT | N2RR | W0UY | DK2GP | N4WD |

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|------------|------------|------------|------------|------------|------------|
| N5QQ | 170 | YY4DNN | K9DUR | JH5CKV | KA8QKY |
| NE3K | A71AM | | KB4FXE | K3PIN | KB0EL |
| ON6LY | AI6A | 168 | KB7AZ | K7ORK | KD5ZD |
| PY5DK | DK3BK | 6K5REL | KQ4I | K9JIG | N1ND |
| RA3SD | DL1SWN | AD5W | N6AJR | N1SZ | N6AA |
| UA3EAY | DS4BHW | EI6AL | N7FF | N3YZ | N6EHA |
| WA2IKL | IK6BMU | HL1ORP | ND9G | W5TMC | N6GL |
| YB9BU | IV3KCB | IZ0RPS | SM5FQQ | WA5PFJ | SV3GLL |
| | JA0BES | JE7KQU | SV3KH | WB8RFB | UN3G |
| 172 | JA6GIJ | JF3KOA | TF2LL | WG0G | W1DXH |
| AE9YL | JE6UWU | JH1CTV | W1ZZ | ZL2LW | W1GOU |
| DL2VWR | JN1RKE | JH2QFY | W5HNC | | W2BZY |
| DL5ZB | K1KA | JN1RFY | W6ZL | 163 | W5GML |
| DS4CNB | K4KSV | K3NF | WA2PNI | AC0TP | WF2B |
| EI9HX | K5TU | K4LCP | XE1FAS | DO2MS | WX4TM |
| JA7NUM | K8FB | KD8CP | | DS5JMG | |
| JR1EYB | KB7QFE | N4DJ | 165 | EA2AFV | 161 |
| K6GCN | KJ8N | N9MSG | 7L2PDJ | HS3LSE | AE4VJ |
| K6WY | KK5ID | N9RE | DS5UCP | I8LWL | CT7ANG |
| KB8NTY | N6NBB | SV2DSJ | EA3HDZ | IT9CLU | DF8FT |
| NH6T | SQ6OU | SV4FFL | FM5FJ | IW9FRA | JA1PS |
| NN8L | VA3UU | W5TFV | G4CWD | JE7MUA | JJ0FTX |
| OE3JAG | VE7NY | | G4GEE | JQ1PCX | K0XE |
| TA1L | VK7ZE | 167 | IZ4VSD | K0BOG | K6WAP |
| TG9AJR | W2OSR | CU2BV | JA0UMV | K0FG | K8CMO |
| W8NP | W6FUV | HB9MXY | JA7FVA | K5KDX | KA4H |
| W8WV | W9LX | IZ0GKB | JA8WGX | K7GT | KK6BT |
| WT9U | WA1F | IZ8DEO | JE0HUR | KI6MQX | N2ZR |
| | WU1U | JE1COB | JE3TAT | N0OP | N3COB |
| 171 | | K2RNY | JN3XEZ | NF4L | N4EK |
| AA9XA | 169 | K5PBR | K7DS | NY4G | N7ZT |
| AI2S | 7K4OIV | K5RA | K7HPH | R3AQ | NJ4V |
| EI4HH | F5HRH | K6JJ | K8CR | VU2NXM | NS4X |
| HA5PT | G1TDN | KA1API | K8ZH | W3EH | RW6MBC |
| IT9YOZ | IV3FFI | KX6C | K9AAA | W3MRL | W4DSM |
| IW5EIJ | JA4PYJ | M3DFW | KX7YT | W4DTA | W5RF |
| IZ0FUW | JE1RRK | NT5O | NJ6K | W4WIV | WV2I |
| JA0GZZ | JE3PCP | ON5EQ | RM4C | W6JJW | |
| K6LPO | K0HB | RW4NJ | SM0BSO | XE3TT | 160 |
| K8PGJ | K0MS | W1HQ | SV7CUD | YB0DJ | AD7L |
| KA1VT | K2RI | W7FYW | VE2HJ | | EA1ET |
| KD4CM | K5FXB | W8PC | VU2ABS | 162 | G0KRL |
| KD4EUH | K7IA | WB3AVD | W0QC | AB1QP | IT9KWF |
| KO1H | KK7BR | ZS5LEE | W7CD | AC7ZG | IZ8LMA |
| KS4WA | LU5OM | | W9RB | DK3UA | JA1CPN |
| KU4BL | N0SFF | 166 | WB2JFP | DS2KLF | JA2HOL |
| PA3ACA | N6NKT | 7Z1HL | WK2H | DS5KJR | JA2KGQ |
| VE7BC | SA3ARL | DJ5IW | WP3C | G0KJP | K7UPJ |
| VU2MUD | W4SKW | HL5BUV | | IZ1UKF | KJ4EX |
| W0MA | W6VIO | JE7BUH | 164 | K3XO | N7CQQ |
| W1DYJ | WA7IHN | JO1SIM | A92IO | K8FG | NA7RH |
| W8ZR | WQ5R | K4ZO | AC4VM | K8FT | NE1RD |
| YB0EIN | XE1ZW | K7DD | AI8P | K8MN | W1JK |

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| W5SG | AE5LK | JR3HZW | K5VG | N3MX | VA2EU |
| WA6TQT | EA4TD | JR4CZM | KB5GA | N6TR | VA3RKO |
| WB5P | F1RAF | KA2F | KE5BR | N6WT | VR2PM |
| 159 | JA1BDF | KC1UX | KI0RH | N9AOL | W6FC |
| AD5CA | JA2AYP | KC2RDW | KS0Y | NK5Z | W9FML |
| DS2AXU | JF2AIJ | KH7T | M0PCB | PR7AB | WA6AEE |
| JK1SPQ | JG2NXV | KJ7M | N0SL | RA9SAS | WA9DU |
| K0IIR | JH4GNE | N1FOJ | N1SHM | SM0XG | WN1M |
| K3UW | JM1ESG | N8JK | N6ETO | W4ZA0 | 148 |
| KF2OG | K4GO | N8ZFM | N6FS | W7JET | AJ4VE |
| KP4AZ | KB4KA | N9OI | N7AU | WB0CHS | DL4ZAB |
| N6DVR | SM6WQB | RW3QHN | W4PNY | WB2JSM | G3YEC |
| N8MSA | UR5EIT | SM7IUN | W7TG | WB9UQE | G4DDL |
| NS1L | VU3NXI | SV2AEL | 152 | WN7L | G8GHD |
| NY2L | W0NFL | UA0SC | AD4QS | 150 | IK7WUJ |
| OZ6TL | W0XE | VE3TKI | DL8DWL | AC2G | JE1BMJ |
| PY1NS | W2YWC | W3UTD | JG1GCO | AF6F | JE4WOK |
| SM5BEU | W7LWI | W9LYN | JH1ROJ | EA5HB | K0XM |
| SP3EPG | WC4V | WA3PAK | JH7MKB | G3YFE | K2FJ |
| W1OP | WT3Q | WB4PWZ | JJ1JRH | G4WGE | K3NC |
| W1SSN | 156 | WQ5O | JR9XRO | HB9CA | N1BZ |
| W5SUM | AC6AA | ZL4QJ | K1ING | IK2SYK | N8AID |
| W7VP | AF6PK | 154 | K1RY | IZ2GNQ | NF1G |
| W9MMZ | EI7GY | DL3BUE | KX5M | JE7OEC | RA0ALM |
| WA0WOF | IW3GJF | EA5DPL | N0TA | JG5DHX | VK4CC |
| WA6DBC | JA0JPD | HB9FAQ | N5RA | JN1WHW | W0NF |
| WU4B | JR7FYD | HP3TA | N8KU | K0MB | W1ZR |
| WW5L | K4NI | K2YSY | PY2GTA | K3EE | W6JWK |
| 158 | K5ADI | KI6VC | PY3ED | KJ8O | WA9LJK |
| DU1IVT | KA4IZN | KU4A | RA4PQ | KT0F | WJ1B |
| JA7FKW | KB2FCV | N1BOB | W4AEJ | KV7N | 147 |
| JH2PWY | KC8RPV | N9JF | W4BH | LA8ZAA | AD4IE |
| JL1ANP | KM4A | NF7D | W4PBU | MM0DXH | HA0DD |
| JR5KQF | KN5L | NN5O | W4PGM | RA5C | IV3ZCS |
| K8WHA | KX7L | NY7T | W9ZP | W9CLA | JE3ENP |
| N6AKI | SM1NJC | PF7M | WB2RHM | W9GFB | JH9AUB |
| NA5J | W0TLX | UX4UM | WB4KZW | WA2HIP | JO3WHB |
| NC6K | W3KHG | W5LJD | WB4UBS | WB2UFF | K5GZR |
| TF4M | W5WI | W7IMU | WY0A | WB5TKI | K6DJ |
| VE3TMG | WB5KSD | WB9B | 151 | YB0MZI/4 | KR0P |
| W3US | YB1ALL | 153 | IK7XNF | 149 | N4AWU |
| W4GHW | 155 | AA4H | JF7NNI | AE7U | NJ9C |
| W5QP* | AC7CZ | CE1UGE | JH2BKA | CX1FK | NS7V |
| W8MSP | AC8MR | DK7VW | JH7UYN | DK5WN | SM7CZL |
| W9DKC | AE5RI | DS2GWM | JS3OSI | DL7AA | W1NR |
| WB2P | AK9B | IW5AOT | K5RQ | EA5LV | W4UEF |
| WB7BBQ | DJ6DO | JA1ITJ | K9IZT | EI8IQ | WA1FXK |
| WF1H | HA8UT | JF1XMP | KM4QM | EW4DX | WA6NHC |
| 157 | HB9EFK | JL1KFR | KN0R | K0UD | WU9D |
| 6K5YIA | JA1IAW | JN3QNG | KP4ED | K3IZ | WX7B |
| | JA2SKB | K4NLL | N2RD | NN0K | |

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|------------|------------|------------|------------|------------|------------|
| 146 | DS4DRT | W5YKU | AF1US | AI4WW | EC4KW |
| 5A1A | EA1MV | WA9IVH | DD9WG | EA3AGZ | EI6HB |
| 9V1PW | EA5VQ | | DS1NEI | JE2FUP | F5LCU |
| AP2IA | G3WPH | 142 | G0HIO | JP1GUW | F5VKT |
| DJ4JZ | IK1PFE | AA3NJ | G3RZP | K6DEX | F8DYD |
| EA7JW | IZ7QFN | AC0DQ | HG6IA | K9NX | G0MMI |
| IZ2MHT | JA1ISJ | CU7AJ | JA0AVS | KM6KO | IK0WRB |
| JA0NPQ | JA3WFQ | DJ0AH | JA3PYC | KR7X | IV3EFE |
| JA7ANQ | JA8IAF | F2AR | JE3AZY | KT0NY | JA0ADY |
| K1DJ | JH1AWJ | F6DWX | JK7QJK | LA4RT | JA8CYU |
| K5MDX | JO1VRV | IK5TBK | K1IG | N1ADM | K8TVD |
| K5WDW | K5KND | IZ2BVN | K9BO | PY2MSR | KA0IQT |
| KB4KBS | K6HRT | JA1TBX | KB1CQ | SM3LBP | KF7PBM |
| LA5SJA | KB2TGU | JA6JYM | KB4CP | TA1HZ | N0IRM |
| N2MFT | KC2STA | JG1RWM | KB5NJD | VE1AOE | N2KOF |
| ON7RK | KI0G | JJ1VFE | N0RRG | VE3XK | N3ER |
| OZ1BII | LA5HPA | K0FA | N3IQ | W6LUC | N5WA |
| TA2J | N4BRF | K2YEH | N8DE | W6QO | NM2D |
| TA3J | N4CW | KR7RK | NA4C | W8EH | OV2B |
| TF3JB | N5SV | N1JG | VE7BZ | W9EBO | T95A |
| VA6SP | N6RVI | N1ZP | VK3EUZ | WI2E | W3CL |
| W0RI | R6AZ | NS0M | W6KNB | WX3P | W3HKK |
| W0UHL | RA6XV | UN5C | W7YED | | W7CP |
| W4BAI | VE2LX | W3BNN | WB9TFH | 137 | WA7AJ |
| W6TE | VU2SWS | W3FQE | WD4OHD | 7N2OKM | YC6JRT |
| W7WHB | W8WOJ | W4EJG | | AD7XG | |
| WA8EFK | W9FX | W4MOT | 139 | DL9KSM | 135 |
| WB6FWS | WB9WHQ | WA2VQF | AB4U | EI3CTB | AA4WX |
| | WS4WW | YL7X | DJ4SO | IW7DMH | JA5IBP |
| 145 | YO4AUP | YO3HOT | DL5HU | JF1FSW | JA7JAA |
| AK5Y | YO6HSU | | EA1FF | JK1PIU | JA7MWC |
| DL6LZM | ZS2ACP | 141 | EI8JX | K2TA | J11FXS |
| DS5SWL | | 7M3IYU | EI9GLB | K3FS | JN1LTZ |
| EA5AX | 143 | G0WOU | JA1DHY | K8RMC | K0AD |
| EA5GXI | CX4AT | G3XLF | JE6HCL | K8VJG | K1RE |
| EW7BR | HL5YI | GW0TKX | JP1LRT | KC8IVC | K2GW |
| HS1JNB | HS5SRH | IK5QPS | K1CA | KK0HF | K6BY |
| JG8TQL | JA2RP | IS0/YO3RA | K4NNQ | KO9V | K7WT |
| K2ITT | JH4VDP | JA1CPU | KA9JAC | N0TR | KD9ZR |
| KB3KJ | K1UQT | JR1CAD | N0AZZ | N2SG | N5FPW |
| KX1X | K7GA | K3OK | N3FX | NQ4A | PB7XYL |
| LA5EKA | KJ4QDZ | K8PTT | N5RN | PU1KGG | VR2CO |
| N1CWR | KM5GD | KJ4KVC | NG7M | TA7AZC | W4OY* |
| N4MEC | N4JOW | N2JNE | NW2I | UA0AV | W5TUF |
| PY5HSD | OR4K | N4UW | NW3U | VE3GLA | W6JK |
| W3LWH | OZ9GA | N8LAS | OH5NG | W0PE | W9CC |
| W3NRJ | PY2AB | W3MNE | W1VE | W8VK | WA8LE |
| YO2ADQ | SM0PSO | W9FF | W5GCX | WA6WPG | WB5IUU |
| | W1NT | YB8HZ | WD1Z | | YB0IR |
| 144 | W2BZR | YL3GDM | WO1X | 136 | YC0IEM |
| DL1TPY | W3DAD | | | 9H1AE | |
| DL2RUG | W4CC | 140 | 138 | AC8IL | 134 |
| DS4AEN | W4LLP | 5W1SA | AB7ZU | AD6G | AB3TM |

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|------------|------------|------------|------------|------------|------------|
| AD7HE | JK1PWQ | K4JRA | 128 | 126 | W2KN |
| DL2NAI | K3JM | K5BUD | AE6RR | HB9LEI | W4JTP |
| HZ1TL | K4SAW | KB9KEG* | AF3K | IK4IYC | W4OWY |
| JE2DOD | KG2U | KH6P | AF6WU | IV3XNF | WB2BXO |
| JF1WRV | KV1P | KI4NSP | AH7G | JA2EAB | YB2ERL |
| JG3KMT | LA2IR | N1WC | G4VWI | JI6BEN | YB8EL |
| JI4UEN | N7GTE | N4KZ | IN3FCK | JJ1QJP | YB8FL |
| JR1LZK | N7YQ | NS4F | JA1JYS | JP1PZE | YC6EI |
| K1JOS | OZ6DX | VU2IBI | JA2QCX | K1YA | |
| K2CYS | PA9RX | W8PAT | K4GM | K4MQL | 124 |
| KC1XX | PY2YW | W9IAL | K4TTZ | K4VW | AA8MA |
| KE1AU | W5PD | WF3M | K6WRF | K5EA | AC4FZ |
| KN6Y | YO7DAA | WY1G | K8NIA | K9AAN | AL7GA* |
| N1DNZ | | ZS6HON | K8VE | KA1WIF | DB3KE |
| N6NPG | 131 | | KE1R | N2EI | HB9BAT |
| N6VWF | AA3FC | 129 | KG8OU | N4EDT | IZ3AYS |
| N9BT | EA4ZK | 2E0XAR | LU8XW | N5ZVW | JA2DCN |
| WB8TRW | JA1PFP | 7L4FSR | UT9LC | N7WEJ | JA2XN |
| WJ8Y | JA5BZL | AA3GM | VO1AU | NK5K | K0ASA |
| | JA5CVG | AA4MF | W5PKE* | NT8V | K2TER |
| 133 | JF1UOW | DL8XDA | W6BSY | OH8NV | K4RM |
| DL1TKB | JH1LMQ | DS4PAH | W8WFN | RV3YM | K6CW |
| EA4DEI | JO3GZH | EI/W5GN | WV1K | VE7YY | KS4XQ |
| G0KHO | K3OQ | EW1TO | WY2U | VY2RU | KW4J |
| GM4AUP | K9MV | GM6NX | YO3IPR | W4EB | LU3XX |
| JA7AYE | KQ6K | JG0CQK | | W6DOJ | N0VTZ |
| K4BYN | LA7QI | JH8DEH | 127 | WA2BKN | N5GD |
| K4HEB | N2MTG | K0RX | EC7WR | WA5VSK | N7QS |
| K8LE | N4GJ | K2KNB | F8DHE | WY4Q | SM3WMU |
| KI8AE | N6MI | K3IRV | IW1PUR | | SV1EOS |
| N5CR | N9FDE | K5VUU | JA1EMK | 125 | VE2JM |
| PY3FOX | NN5E | K6IRD | JF1SPT | AI3Q | VE3SKX |
| PY5XH | RU3DVR | KG6DX | JO1GRR | EI6FM | VU2YVK |
| PY6TS | SM7GXR | KI0KN | JP7FSO | F8GB | W3NF |
| S57NML | SP3IK | LA9JKA | K1FUG | G0UUI | W4NEZ |
| SM0KCR | W1CDC | N6OI | K6OWL | IZ2CSX | W4TNH |
| SM4JSF | W1GWN | N9KO | KB9DAK | JA3EYO | W5DQ |
| W4QJ | W6WVW | ND4Q | KC0V | JJ1IDW | W7GTO |
| W6DHH | W8BLA | NF4J | N6JZ | K2EN | W9LA |
| W7KKC | W9LU | NT7MM | N7BIP | K6ELE | WA6BOB |
| W8JY | YO5OBA | OZ2TF | NU4L | K6ETM | WY4I |
| WI9R | | OZ7BQ | R2DG | K6VMV | YB0NSI |
| WW3QB | 130 | SM2YIP | SM4BNZ | K9OZ | YB8HI |
| WW4DD | AA2WN | W3FQ | W4AG | KA1EKR | YC2VVD |
| YB0VB | AA5SH | W6NS | W9NC | KB8DID | |
| | F5AYZ | W6VFA | WA3PBL | KP4P | 123 |
| 132 | FM5DN | W9CTJ | WB8BZK | N1UZ | AA9SI |
| DL1MEV | IV3PBZ | WA1UZO | WC7WB | N2PK | AB0MV |
| DL2PR | IW2FLB | WB8IMY | WG2Y | N2SO | CU3BL |
| DU1UGZ | JA1BJI | WF5K | WN5TL | N4OWG | EA3NG |
| EI4GNB | JH1EGT | YB6LAY | WR5G | NZ5O | EI9CN |
| F6ARS | JM4VCB | | | SM4AMJ | F8EZE |
| HB9AZO | K4BNF | | | VE7YBH | I4UUL |

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|------------|------------|------------|------------|------------|------------|
| JA1GWA | ZL3RJ | KH6DX | NN7NN | G0JDC | LA4JGA |
| JA1IWP | | KO9A | PP2FN | G5CL | N1OS |
| JR7ASO | 121 | KP4RAT | SP3IBS | HC1JQ | N4PF |
| K0FTC | F8DZY | LA8FNA | W0VU | HZ1XB | N8CH |
| K1KOB | G0THF | N1XL | W4CU | JE1TNL | N9NBC |
| K1LU | G4EHT | N4PYI | W4PWF* | JH2BLM | NB3R |
| K7SO | HK3J | N5DEE | W6GEE | JS1BKR | NU6T |
| K7WTG | HS1FVL | N6IE | W8RSJ | K7LOL | W0PY |
| KF4GW | JA1NZJ | NC1M | | KC8KEF | W4MIR |
| KI0HA | JE3USO | NC6DX | 118 | KL7AC | W9LR |
| KW7N | JN3VQM | NK5G | 7K2BWG | N1EDN | WA3GOS |
| N1CDO | K4JRK | VE3DRZ | 7K3TFX | N6AJ | WB2AIV |
| N4BCD | K7LVJ | VK5PAS | 7N4GIB | N6DW | WB6SZC |
| NM2A | K7ULS | W1UN | AD9I | PA0QRB | YC1CWK |
| OZ8RH | K9SM | W2QQ | IV3XWD | PY2ALC | YE2C |
| OZ9XU | KB7ZUT | W3WN | JA0EBV | PY3OG | |
| PP7LL | KE7AUB | W4GWL | JA1XMT | SV1QXU | 115 |
| R7CD | N1TQP | W9IXD | JA3FRI | SY1BFI | AB6WQ |
| RV3A | N2QLT | WA8KHP | JA7OAO | VA3VF | BA3CE |
| W0ARW | N8WK | WB0HZL | JJ0FVP | VA5LF | CT1EFL |
| WA4KSO | W1BX | ZS6AKU | JR3CVJ | VE7SO | G0RPM |
| XE2JFP | W1TW | | K0HW | W2OIL | IZ0SPA |
| YE1AR | W2ZK | 119 | K1XE | W7SLS | IZ0UME |
| YO2AOB | W4EW | AI6O | K4WSW | WA0LJM | JA6JSY |
| ZR6GR | W6RD | DC3RJ | K5HW | WB9AZA | JF1AZQ |
| | W6YW | DD3KF | K6ME | WV4TN | JG1RET |
| 122 | W8FDV | EA4GQS | K6ZED | ZS4JAN | JH3PTC |
| AB2NI | W8NT | EA8TK | KC9QQ | | K4KO |
| AC7JM | WA4UWD | G3NML | N0MHL | 116 | KE7GI |
| F5VML | XE2YWH | HL0O | N4JRG | 7Z1TT | KG4URP |
| G0MTQ | | IK0YKM | N6DKZ | AD4YQ | KQ6X |
| HS4BPQ | 120 | IW3IE | N6VHF | AK0BC | N1IN |
| JE8KGH | 7K3NHT | IZ1YUH | N8TT | DL6ZBN | N4PHH |
| K3TUF | 7L1XXM | JA1DEQ | PY2MTV | DL9QJ | N4XAT |
| K4BS | 9A6AJ | JA1ECU | PY3CJS | DQ4Q | N8AJN |
| K4MTT | AK6DV | JA1VW | UA1TGQ | F5RZJ | N9XG |
| K9YKL | E77AA | JG3RXZ | VU2RCT | G3VDB | NB9Q |
| KO6XI | EA3AV | JH1QDF | W11AN | G8GNI | NT9F |
| N3YUG | EI4GJB | J11STU | W4FDS | JA1RYC | W1LBC |
| N5UWY | G4RGK | K0FJ | W7GOY | JA5BKR | W4TIJ |
| N6PM | JA2CYL | K0JDD | W8WTS | JA9BSL | W8WG |
| NC4RY | JA3KKE | K2KYH | WB6PJC | JA9GFA | W9OVQ |
| NZ4DX | JA6WFM | K6QU | XE1RP | JE3BFV | XQ7UP |
| PY2HN | JL3AMK | KB8ZUN | ZR6DX | JF1MAD | YL2UI |
| VE3KY | JN3MXT | KL1V | | K0VG | |
| VE3MIS | JO3EVM | KS6A | | K5VR | 114 |
| VK9VKL | K1QN | N0JR | 117 | K7HRT | AC9GK |
| W5GT | K2AK | N0TNJ | AD7AF | K7SX | AE2DX |
| W7AVA | K4MZE | N3HO | AK9L | K8ZEE | IZ1BZS |
| W8GBH | K4ZIW | N4YCI | CE1AT | KA1SAW | IZ5OPU |
| WA2AOG | K5HM | N6UOZ | DL9JM | KB0TFT | JA6EMA |
| YB0AI | K5MMH | N7TW | DS5HVJ | KP3X | JA7HYE |
| YV2FEQ | KF5ER | NC4S | EW8AX | KP4EJ | JA9ALR |

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|------------|------------|------------|------------|------------|------------|
| K1EDG | W1FYI | JA3KE | WK3A | N1CPL | UT5UML |
| KA0VXK | W2MKW | K2DLS | WM4R | N3XRU | VE3NLS |
| KC2TN | W4UCK | K2ZSD | WT2P | N4QM | W0MRZ |
| KF4GRA | W9KXQ | K3RMB | WU5E | NA1RL | W1KQ |
| KG8CZ | WA4TMJ | K6JLL | YB1FWO | PY2EBD | W7ACX |
| N0JX | WB9YJE | K6VKO | YB8EXL | SM7TZK | W7UV |
| N4MWY | WC4H | KA9A | | VE1GBD | W9ZJX |
| N7PR | YB1JYL | KK7X | 109 | VE2OCH | WB8EKG |
| N8BI | YB5BOY | KR1B | A61DJ | VE3CKG | WV2M |
| N9DFD | YC2EWZ | LA6JKA | AF5I | VE7KS | WW6D |
| R7NA | | MM0MSS | DD9HK | W9CP | YB1LZ |
| SM4RGD | 112 | N2IVN | DS3DGA | WA4RTE | YB2ECG |
| UX5HY | AG1T | N2PL | EI7JN | WE4S | YC2VYY |
| VE3VTG | BX4AG | N8JS | GOVJG | YC0RI | |
| W3WKR | DL8UAT | NA9L | HK4KM | | 106 |
| WA4HXC | IW1CAB | SQ2AF | IK7NXU | 107 | AA7DK |
| WN7T | IZ1QLT | VK7LUV | JH8TOW | AA0FO | AA8HH |
| WU6W | IZ1XBB | VR2IL | JK1VSL | AA4GR | AI4FR |
| YB1HK | JF2OHQ | VU2SGW | JO1QZI | AA6Z | AI9T |
| YV4EH | JH1WPS | W4EY | K2DE | C93PA | DS2BSK |
| | K0LB | W4KTR | K7KMR | DD9WL | EI5EV |
| 113 | K2PH | W5ADH | KD6GC | DF9TW | G4FJK |
| DP9Z | K4KFH | W9WGN | KR4PB | DJ0RD | HS7WMU |
| EA7ANV | K4ULA | WD9IOK | KS7S | DK7GH | IW0GYC |
| EI3GV | K6BF | YB0NDT | N0EKM | DS2GBP | IZ8LLQ |
| G4BGW | K8LH | | N2DUI | EI5IF | JE8RAH |
| HB9ARI | KG4TAH | 110 | N4UY | GM7NZI | JF1CZQ |
| IU4BIP | KJ6YK | BD4QH | N6WHK | IS0BZR | JH9DNK |
| JA1DBG | KJ7NL | DB6VH | OE1PFC | IV3GCH | JI5RPT |
| JA1FRQ | KN9N | DO1HGS | PA0AKN | JA1KZP | JI6HXI |
| JE4RAL | LA2RE | DS4GQR | R6AW | JA2YIP | JI6OXK |
| K1PU | N0LD | EC1AKI | SO5AS | JG5UWK | JJ3OFL |
| K4BBH | N1KM | GM3MZX | VE3GFN | K0HCV | JN7CPW |
| K4HYJ | NG4P | IZ7EDQ | WO8USA | K2FD | JR1LLD |
| K4ZZR | NJ1H | JA1ESH | YD1BJJ | K5LA | K4KZ |
| K7CV | OK1EY | JH2BTM | ZP9EH | K6BXI | KD2SY |
| KE1IU | PY2RDZ | JJ2BLV | | K6JAD | KJ5T |
| KH6AT | VA7RN | K3IU | 108 | K7JI | KN0A |
| KV5Q | W2MW | KA9WAR | AF8P | K8TS | KN1CBR |
| LA3MHA | W2NGC | KB9IFH | HL4CKT | KB7HDX | LU4HK |
| N3DAP | W5JDF | KI4PG | IZ0FYW | KC5UES | M5LRO |
| N4FNB | WE8T | KI8U | JA3FAY | KD1YV | N0HR |
| N4KFT | | KM9Z | JA3VQW | KE4BKL | N0LZF |
| N6OPR | 111 | N8IK | JK7UST | KE7PB | N1EMC |
| N6TQS | 4X4MF | N8TEM | K2QQ | KI3T | N7ELB |
| N9AZZ | AD7U | NJ8J | K3DRE | KI4CBN | NE6V |
| NN4RR | DH3NAW | OZ1MAD | K4WJ | KK7AC | NP3O |
| PV8RF | F4GVO | PV8ABC | K9KJS | KQ4LA | SM5TOG |
| PY2BT | G4LRG | VA3EJN | KB6CIO | N0GVK | SV1JMF |
| R3FP | G7CNF | VR2XYL | KL7SB | N9LOH | W4ETB |
| SA7CJO | GW4EVX | W4EEY | KW1DX | NT4W | W7ABC |
| SV7BVM | I1YDT | W4LEW | LU4FTA | OZ1KSN | W7RTX |
| TA1PB | JA2NXB | WB4KTF | MM0LBX | SV2HNZ | WA6OWM |

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| YB1BML | G0OJG | IZ6CLN | K2GLW | HB9FAX | AB8OU |
| YO6BHN | IK5TTA | JO6MMQ | K6ADY | HI8S | AB9LF |
| | JA6HPI | JR3PKO | K8WDN | HZ1HN | AD4KJ |
| 105 | JH1GNU | K1DM | K9VD | JA1GQC | AE7DW |
| AA1KS | JH1REP | K3GP | KC9JCH | JA1UTC | AF6AV |
| AH6NF | JQ2HJR | K7FRY | KD0CIU | JA2NSH | AI1W |
| CE8EIO | JR3OYH | KB5HPL | KF3FRK | JA9EJG | BA1SN |
| EI9HQ | K3ZI | KC4QYG | KG5NP | K3MAW | DL5JH |
| EI9JF | K4VMT | KC8LTL | KJ4YLO | K4VAC | E21IZC |
| F6AJM | K7ADD | KD0L | KT6LA | K9EGS | EA3GOP |
| G3WPT | K7WLX | KE8GX | KV5WS | KA9JCP | EA3ZD |
| G4XBL | KD4EE | KM6JD | M0CNP | KB9RNO | G3SEM |
| IZ4GOL | KF4YXH | KS6PD | N1MGO | KD0ZZ | G3TDH |
| JA5UFD | KF6I | KU8T | N1TA | KD4CJO | G7TPL |
| JH0MJY | KF6ILA | KY0Q | N1TQ | KD9AC | HB9CZF |
| JH1LZU | KN7PF | LA3ANA | N5MOC | KF5WCP | HB9EE |
| JH8FIH | LB7ZG | N1HT | N5PD | KM7OH | HI8PLE/7 |
| JR2FJC | N0PO | N8MAS | N7NM | KO6N | IZ0PMV |
| K0HIP | N1HO | N9LPT | N8HM | M0GVZ | JD1BLY |
| K0NO | N1RY | N9YKE | N9WK | N1RCJ | JE1NGI |
| K2CDP | N2XTT | NF6P | NI0DX | N3KKF | JE4KCN |
| K8HQ | N6WBL | NJ1Q | NJ4Q | N3QVB | JH9CEN |
| KA6T | OK2PKY | NK4K | OE2IJL | N4CBS | JI2XLN |
| KB5VNM | OZ5JQ | NP4AA | ON4KJR | N7HCJ | JJ0OAP |
| KD8KX | PV8ADI | PU4ENY | PY2WO | NQ4K | JM1EKM |
| KP4SJ | PV8CQ | RA3LD | UA6LCN | OG2N | K0IDT |
| KV4QS | PY2QA | SM0SHG | UF2F/1 | OZ1GCT | K0ITC |
| N2UFM | SM7WVZ | TF1A | UY5AR | OZ5D | K2CQW |
| N3WL | VA2SS | VE3TPZ | VE3AXW | PC5F | K3JRR |
| N4KM | VU2AE | W1ABO* | VE3KKQ | PU8YPL | K3TXT |
| N7NW | VU3DJQ | W3UI | VE6RWC | RZ6MD | K4AAP |
| NK7L | W4AFB | W5HPQ | VE9TER | SM0LPO | K4BNC |
| OM4KW | W6DAS | W7CWD | W2VU | UB1ADP | K4CTL |
| VE5UO | W6FZA | W7RRS | W3DHN | VA3MAH | K4QXX |
| W0QL | WA2TIY | WB4SGA | W3NJ | VA3XQ | K4XZ |
| W3JM | WB2GMY | WB5JHY | WA4FXX | VE3BGG | K6DLB |
| W4KFA | WD4IEK | WF4W | WN5G | W4WRS | K7GLM |
| W6FFH | YB8ROP | | WW4CP | W4YR | K7TLP |
| W7AAA | YV5TX | 102 | YC0OST | W7FI | K9CHP |
| W7HJ | | AK4AO | YF0TUR | W9TVX | K9ZJ |
| WB2MKX | 103 | AK4I | ZL2MM | WA7HEO | KA3CZY |
| WK2E | 7N4BAI | DS3FGV | | WM0G | KB1ODO |
| YB9AY | AC8AZ | EA6/W3DM | 101 | WT8X | KC2OSR |
| | BD4SX | ER5LL | A41ZZ | XE1ZTW | KF7TLL |
| 104 | DL9CP | HB9CXK | A61ZX | YB8BRI | KI4FW |
| 5T2AI | DS0IC | HL2DAA | AC0ZM | YB9BEC | KI9A |
| 7K1VKU | EA3DNC | IK4RQJ | AI3H | | KK4AND |
| AB1NE | F5JWH | JA2IFW | AK4PE | 100 | KQ4PK |
| AJ5H | G3YJQ | JA3GNU | BH4UTT | 9M2ADX | KT8TD |
| BD7BW | G4XXI | JA5CH | CU3HN | 9V1XX | KU4FP |
| EI4GK | GM4ELV | JG1LFF | DM5TI | AA8DC | LA8OKA |
| EI7IG | HL2DNU | JR1EMO | EA5WP | AB4KJ | LA8W |
| G0AJH | IZ4AMS | K1QF | G0BPK | AB8DD | MW0CPZ |

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| N0RA | YC2SBG |
| N2KI | YC4CHP |
| N2MAD | YE4IJ |
| N3GSE | YE6YE |
| N3NVA | ZS6TVB |
| N3PPH | |
| N5LJL | |
| N6ERD | |
| N6FM | |
| N8FXH | |
| NA3M | |
| NG1R | |
| NP2MR | |
| NT8Z | |
| NW5Q | |
| OH2LHE | |
| OH3DP | |
| OH8GBT | |
| PA5X | |
| PU2PSP | |
| PY2TWI | |
| R9OSN | |
| RA3UT | |
| RA6XB | |
| RW0LCN | |
| SM7HZK | |
| SP6ZT | |
| SQ5WAF | |
| TC2C | |
| UA6CEY | |
| VA3FU | |
| VA7DZ | |
| VE2GT | |
| VE3YXO | |
| VU2KWJ | |
| W2CCW | |
| W6OP | |
| W6OZI | |
| W8QW | |
| W9SWT | |
| WA4ASJ | |
| WA5ICA | |
| WA6BFW | |
| WA6MRK | |
| WA7SCH | |
| WB8NUT | |
| WJ6Y | |
| WL7OU | |
| WS7X | |
| WV4Y | |
| YC0MAT | |
| YC1DOL | |
| YC1ME | |