

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 15 Dec 2024, 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 DJ2YA JA2JW | 355 HA0DU JA3FYC JA4DND | F6AOJ K0JS K1ST K4ZYU | DJ9KG G3XTT IK6DLK JA0UUA | K8SIX K9ALP N1DG N4CH |
| 373 OK1ADM | K8MFO K9MM N6AR | K4CIA K4PI K4UTE | SM6CMU VA3DX VE3XN | JA1HGY JA1LSP JA2JNA | OZ1BTE SP3E VE3EJ |
| 371 W4DR | SP8AJK W9ZR | OZ3PZ SM4DHF WX4G | W8DCH W8UVZ WA1JMP | JA6BZI JE2LUN JE2URF JE3EDJ JH2UVL | W2LO W3NO W3YX W9RN |
| 370 W9YSX | 360 JH1GZE W1NG | 354 DJ9ZB I4MKN | 351 AA4V CT1BH DJ4XA | K2VV N0XA N3XX N4XM | 348 I4AVG IK4BHO IK4DRY |
| 369 G3KMA | 359 DJ8NK JA1BK JA1EOD | JA8EAT JR1CBC KF2O N7RT | G3TXF G4BWP JA0AXV JA2VPO | N5UR N6JV NY0V PE5T | JA1UQP JA2IVK JA7JWF JE1DXC |
| 368 OZ1LO W1JR | N8DX | SM5CZQ SM6CNN SP5EWY VE1YX | JA3PIS JA5AUC JA5IU JA8DNV JF1PUW | PY2BW SM4EMO SP8NR W3AP W3UR | JE8BKW JF3KON JH4UYB JM1VRW JP1NWZ |
| 367 K4MQG SM0AJU | 358 N4CC OH1XX | 353 F6EXV I6FLD JA2JPA | K0IEA K0KX K2UO K8PT | 349 DK1FW EA6SX F6BKI | K0EU K0TJ K1HTV K9ZO |
| 364 4X4DK K2TQC SM6CVX | 357 JA1ELY JA3APL JH1IFS OH2BU W4DKS | JA3EMU JA5EXW JH4IFF K3UA K6YRA NR1R UA4HBW | K9EU N2LT N2TK N5AW SM5AQD W1GL WB6RSE | HB9BZA IK1GPG JA9APS JE7JDL JF7XKY JH1TWT | K9Z0 KW9A NS6C OH2BLD PY2XB PY2YP PY4OY R7LV |
| 363 K4FJ K5UR N4MM | 356 DJ4AX DJ6RX HB9AMO | 352 AA1V DJ5JH DK9KX | 350 AA7A DF3CB | JA9APS JE7JDL JF7XKY JH1TWT JR2KDN K0DEQ K3FN | SP2FAX W7UT |
| 362 JA4DLP K4DY OK1MP | JA2KVD JR3IIR N4WW W3LPL | | | | |

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|------------|------------|------------|------------|------------|------------|
| 347 | W9MU | SP7ITB | JA9TWN | SL0ZG | GM3POI |
| AG9S | WI8A | W0MHK | JH0INP | SP6CIK | I5NPH |
| DL5DSM | | W1ECT | J11DHY | SP6M | IK4DRR |
| IK5HHA | 345 | W5BPT | JL1UXH | SP9DWT | JA0NZR |
| JA0GJJ | AA6YQ | W5FKX | JQ3DUE | UA3AB | JA1VLK |
| JA1QXC | DJ9HX | W8CZN | JR1BLX | | JA2DPC |
| JA2FBY | F6DAY | YO3APJ | JR1WCT | 340 | JA2WYN |
| JA2FGL | HB9RG | ZS6EZ | JS3CTQ | AA4HP | JA3GN |
| JA3AZD | I0MWI | | K4XP | AB4IQ | JA9GPG |
| JA4LKB | I5KKW | 343 | KA1ERL | CT4NH | JE2OVG |
| JA5MHD | JA2AH | EA5BY | KU0A | EA1JO | JH1KLE |
| JA9FPI | JA6BZA | HA5WA | N8DJX | EA8AKN | J18DGO |
| JG3QZN | JA7IC | HB9BGV | N8JV | F3SG | JM2RUV |
| JR1DUP | JH2FXK | I0WDX | R4GM | I4EWH | K1EFI |
| K4QL | JH2SON | JA0EOK | SM5KNV | JA0LFV | K2FF |
| K4XO | J14POR | JA1XPQ | SM6CTQ | JA1KQX | K3PA |
| N0AT | JR7VHZ | JA2JRG | W0DJC | JA1XCZ | K3WW |
| OZ4O | JR9LKE | JA2XYO | W0VX | JA7BEW | K4MWB |
| PA3FQA | K2RW | JA6CBG | W1RM | JA7MSQ | K7ZA |
| SM3EVR | K3WC | JA7FWR | W2YC | JF1WPB | N2BJ |
| SM5CEU | K5KC | JA9FAI | W4PK | JH1SJM | N5XZ |
| SP5CJQ | KS1J | JH4JNG | W5XC | JJ1SKG | N9AU |
| W0BV | NN4T | JR1BAS | W7AO | JL1XMN | NK1K |
| W7MO | OE6IMD | JR1JGA | WD5COV | K1OA | PY5EG |
| W7OM | SM3NRY | K2UU | WT8C | K2TK | R5AJ |
| W9OP | SP7GAQ | K5RK | | KE9L | SM4DDE |
| | W1DIG | K9IR | 341 | KG4W | SP1S |
| 346 | W4UM | KD5M | CT1APE | N1NK | SP7VC |
| CT1EEB | W6SR | LA7AFA | EA2IA | N4GN | UT9FJ |
| DJ5FI | | NO8D | EA5RM | NU8Z | W1YIF |
| DK5WL | 344 | ON7TK | G0JHC | OE2LCM | W5ZN |
| DL4MCF | AD1C | SM6CCO | G3LZQ | OK3GU | W9OL |
| EA5BM | DF4PL | SP1JRF | G3RAU | ON4CD | WB4TDH |
| I4LCK | DJ9ON | SP3EPK | HL3IUA | ON4IZ | YO7LCB |
| JA1FVE | DL7MAE | SV1JG | IK8HJC | R3OK | |
| JA1GRM | G0DQS | UA6A | JA8EJO | RU3FM | 338 |
| JA2FJP | GM3YTS | VE6WQ | JR2LJO | SM5ARL | AA5AU |
| JA5AQC | IK4GME | W1KSZ | JR2UBS | UA3AGW | AA6AA |
| JE1SYN | IV3JVJ | W9IXX | K2SHZ | W2AY | AC4G |
| JF1KKV | JA1IOA | WA4FFW | K4IQJ | W4TJE | DF2RG |
| JH1QAX | JA2VMU | WB9Z | K4SE | W6XA | DK5AD |
| JJ2LPV | JA9CWJ | WK3N | K5DU | YO5BRZ | DL6KR |
| JJ3PRT | JE2LPC | YO9HP | K7NN | ZL3JT | EI7BA |
| JK1UVP | JR6FC | | KQ8M | ZS4TX | F2JD |
| JR3GWZ | K1BD | 342 | KV7K | | HL3DE |
| K1DG | K4HGX | 9A2NA | N4DW | 339 | JA5XAE |
| K6AM | K5ZK | AA1QD | N4PQX | AA1ON | JA7KY |
| LA7JO | K6FG | AD5Q | N5ZM | DJ9RR | JE8TGI |
| LU2NI | K9NU | DF3GY | N7US | DL2OE | JH1HHC |
| N4AH | LZ2DF | G4GIR | N8TR | EU7A | JH3VNC |
| N4NX | N8BM | G4OBK | NJ6P | EY8MM | JH4FEB |
| NI0G | N9US | HB9BIN | OE8HIK | F3AT | K4CN |
| UT5UGR | OE3EVA | JA2TBS | OE8RT | G3NDC | K4MS |

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| K5BG | OZ1CTK | JA2ZL | K9RX | JA1KPH | 330 |
| K8FL | RZ3AM | JA3EOP | KK0M | JA7QVI | 4X4JU |
| KC7V | SM0CCM | JA4MRL | KM1D | JF2UPM | AE5E |
| N3NT | SV1RK | JG1WSC | KS3F | JH1BAM | DK2JX |
| N4DB | W0YG | JJ1DWT | LA2QM | JI2KXK | DL4CF |
| N5OK | W2GW | JM1HJG | LA5IIA | JI3CJP | EA7TV |
| NI6T | W2NO | JN3SAC | LA8PT | K1HT | GM0AXY |
| OE3GCU | W4DC | JS2LHI | N8KOL | K5EK | IK5RUN |
| OH6NIO | W5OZI | K1LD | N9RS | K7GEX | JA1SYY |
| PY5HOT | W6XK | K2LS | ON4IQ | K8AV | JA1XEC |
| SM6DHU | W9PZT | K2XF | R6AF | N8SNM | JA2FSM |
| SP5DIR | WA5VGI | K5AQ | R7DX | NA5C | JA6BEE |
| UA3AP | WL7E | K6ND | W0SR | R3VA | JA8EOT |
| UX1UA | | K7EG | W2XI | RA3CQ | JE6TSP |
| UY5ZZ | 336 | K8WK | W3SB | SV1FJA | JE7JZT |
| VE3EXY | AB9V | K9YY | W5TCX | UA6MF | JE8CLT |
| VE3FF | FK8CP | KF0QR | W7CT | VE1DX | JR0EQQ |
| W1YM | HB9CEX | KQ3F | W7FP | VE2TZT | K0JUH |
| W6YI | IK5PWQ | N4QS | WD0DAN | W1SKU | K8YTO |
| W8AV | IT9DAA | N4TL | | W5WT | LU3CQ |
| W9RPM | JA0DIN | OE1AZS | 333 | WF2S | N1IBM |
| WA6F | JA1JAT | RW3RN | DL5WW | | N1RK |
| WB2GOK | JA4FKX | SM2GCQ | DL9TJ | 331 | N4II |
| YV1DIG | JE1VTZ | UR0MC | DM5EE | AA5AT | NE3F |
| | JH8RZJ | VE3LYC | EA3GP | EA8BYR | PY1KN |
| 337 | JJ3HGJ | W1LW | HB0CC | F9XL | SM3NXS |
| AB6QM | JR3OEH | W2IRT | JA6WJL | G4CCZ | SP1MGM |
| AD6W | K5MC | W3LL | JA9IFF | HB9DDO | SV1DPI |
| EA9IE | K6RO | W5AJ | JK1EXO | HK3W | W0HBH |
| GM0GAV | K9NW | W6TMD | JN1BMX | I5HOR | W2JU |
| IK4PLW | K9RR | WA1S | K6KLY | IK2QPR | W5LT |
| JA0CRI | KG7H | YB5QZ | K7WP | IZ0AEG | W7LR |
| JA1FQI | KX4R | | K7ZV | JA6HQT | WA7NB |
| JA5BEN | N2TN | 334 | KA8ZPE | JA7BWT | |
| JA5WIZ | N5ORT | DL5CW | NW7E | JA8LRG | 329 |
| JA7XBG | N5TY | G3OAG | R9FM | JR7WFC | 4Z4DX |
| JA8NFV | OZ1AXG | G4PWA | VE3BW | K4HB | 9H1SP |
| JE1GWO | RA7A | HB9DHK | W5CIA | K9US | AF2C |
| JH1NYM | SK7AX | I2EOW | W6TC | KC6X | DL5EBE |
| JH1XFR | SM3VAC | IK0HFO | WA4BIM | KD3CQ | DL6CNG |
| JH2AYB | SM6BZV | JA1ANR | WB9CIF | KZ4V | F5PAC |
| JR4LNG | W2LK | JA1SJV | WC4B | NN4R | G5LP |
| K0TT | W3OA | JA2BDR | WE9R | PA5TT | HA9PP |
| K1AR | W8GC | JA4ITW | | RM0F | IK4AUY |
| K6YUI | W8OI | JA6VQA | 332 | RN3QN | IK8YTA |
| K8BL | W9ILY | JH1JNR | AA8OY | SP5IWA | JA1CZI |
| K9SM | WA2VYA | JH3CUL | AB5C | SP6HEQ | JA1IZZ |
| KA9CFD | WA8WV | JH4ALY | CT1IUA | SV8CS | JA3RQ |
| KP2A | | JK1GOK | EA5AT | UA9FAR | JA7FTR |
| N8RR | 335 | JO7WXN | HB9DDZ | WB8ZRL | JG3SKK |
| NN4SS | EW2A | K1YR | HL2IFR | WD9DZV | JH1APK |
| OE1ZL | IZ5EKV | K5XI | IK0PEA | | JK1UNZ |
| ON4AOI | JA2XCR | K9CT | JA0A00 | | JL1RUC |

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| K8QM | W3KX | N4QQ | N5JB | K8OM | IW1ARB |
| KC9ARR | W4BP | N8PW | N9JV | K9MK | IZ1LBG |
| KM3J | WK7E | SM3DXC | NF4A | KB1JZU | JA9AGN |
| N1RR | | SP3CGK | OE8SPW | N3RC | JF1LZQ |
| N8BJQ | 327 | UA3DPM | ON6AA | N6OJ | K3NK |
| N9FN | AA4R | UA4LY | R9TO | N6UK | K6IPM |
| NE1B | AA8CH | UN6T | RA9CMO | ND0N | K6KO |
| OE1WEU | EA1N | VE6AX | RU3QR | ON4CAS | K7LJ |
| PA3EWP | I3BUI | W4YCH | UR5EDX | OZ1ACB | K9FN |
| PY2KP | JA2ATE | W7AL | W2GG | SM0NJO | K9GA |
| PY2NQ | JA2CXF | | W7DO | SM5CLE | N4IG |
| SV1IW | JH1IAQ | 325 | WB7B | SM6CUK | N5LZ |
| W0AWL | JH1IED | E72A | | SV1GYG | N7KA |
| W3BW | JH3SIF | EA6VQ | 323 | W3GQ | N8RF |
| W6ENZ | JH4ADV | EI6FR | AJ6T | W4FQT | PY5CC |
| | JH7RXU | JA5BGA | DL1KUR | W4SK | RA1QD |
| 328 | JL1MWI | JE2EHP | EA3EQT | W7ZJ | RA3QK |
| 9A4W | K0GY | JH1AQN | EA3GHQ | | SM2OAN |
| AI9L | K1LI | JH1ORA | EA3GHZ | 321 | SP7HOV |
| CT1BWW | K8AJK | K0KT | JA3VPA | AC0A | US0KW |
| G3SVD | K9XD | K0KVR | JA9NFO | DL2CHN | W0TT |
| HB9BOI | KN6KI | K1KO | JE1LFX | IZ8FFA | W6AEA |
| I1EIS | N1GC | K3RA | JF1NZW | JA0CIU | W9JA |
| IK2YCW | N6HC | K8TL | JF2XGF | JE3SSL | WD4LBR |
| IV3YYK | NQ1K | K8UT | JJ6DGP | JH1UBK | WT4Q |
| JA0GCI | PY5EW | K9JF | JM1SZY | JR6LLN | XE2CQ |
| JA9GLW | RA0FF | KB0EO | K1RO | K7XB | ZS6WB |
| JE8LWZ | RV3LO | KR2Q | K8NVR | K8EUR | |
| JG8FWH | S57AT | LA7HJA | N1SV | K8GI | 319 |
| JH3GRO | W2QO | LA9AJA | RX3AGD | KM1C | AH7C |
| JH4BTI | W4HG | PP1CZ | SM4CTI | KU8X | EA3WD |
| JH4CBM | W8HW | RW7M | SV2DGH | LU4FPZ | IZ2AMW |
| JK1OPL | WA1YTW | VE3CFK | UT2UB | LZ2JE | JA1BNW |
| JL2JVX | WB3LHD | | W1ZT | MD0CCE | JA1DM |
| JM1FHL | WB9EEE | 324 | W4OX | N0KV | JA1RTX |
| K1GG | YS1RR | 5B4AHJ | W6NWS | N5GH | JA5FBZ |
| K4EM | | DO4DXA | WA2NPD | NA2X | JH1OBS |
| K4SO | 326 | F5CQ | | RX4HZ | JH7RTQ |
| K6FW | A45XR | HL2WA | 322 | SM5CZK | JP1IOF |
| KN5O | CT1DKS | I5OYY | AA9A | VE1JBC | K6UM |
| KT1J | CU2DX | JA1BPA | AI6Z | W1ITU | KM4H |
| LA2PA | G0BLB | JA2LHG | DL1DUO | W5GZ | LA9FFA |
| LA5HE | HL3GOB | JA2VQF | HA7TM | W6CUA | N0RB |
| LU8EKC | JA1WSK | JA7LGE | IU7QBB | W9AJ | N2NL |
| N6RV | JH3GFA | JA9NLE | JA3LDH | WA8CDU | N6KZ |
| PY2IQ | JH8NBJ | JJ1OKK | JA6TMU | YO2RR | NN4X |
| PY2XU | JL1BYZ | JJ1TKN | JA8EKU | | RL3FA |
| R7NW | K0BJ | K2AJY | JF2WGN | 320 | RW4NN |
| SM5CAK | K2NV | K5UO | JH1AGU | CX6VM | W0TM |
| UT7UJ | K3UL | K5VIP | JJ2RCJ | E73Y | W8TN |
| VE3VHB | K5RT | K5WAF | JQ1IBI | EA6ET | WB0TVY |
| W0RX | KI0KB | K6SIK | JR4OZR | IK2SGB | |
| W2SM | LB8DC | N5DG | K0AZ | IV3TMV | |

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|------------|------------|------------|------------|------------|------------|
| 318 | N7HN | K2BA | N9ISN | K5ALQ | JH1OGT |
| AA8LL | N8OC | K2UR | N9KW | K5KG | JI3BFC |
| AB3CV | NQ7R | K7BV | NK0S | K8BN | K1CBK |
| DK7YY | NU1O | K9ARZ | OE2GEN | K9ZM | K1ESE |
| DM2DXA | R0FA | KR4F | RU6L | KB1EFS | K4JAF |
| EC3A | R5DT | N9RD | S55DX | KD4OS | K5VWW |
| EV1R | W3RJW | PA3CSR | W2YR | KE9I | KE1F |
| HB9SLO | W5ODD | UA0BA | W5PJR | SM6BGG | KM6HB |
| JF8QNF | ZS1LS | VE3EK | W7BEM | SP5ES | LU8ADX |
| JH3HTD | 316 | VE6LB | WA5IPS | SP6DNZ | N2LM |
| JK1VXE | AF9H | WA4QMQ | XE1J | SV9AHZ | OH4UI |
| K2PK | F5PBM | 314 | XE1KK | W4VIC | SM0MPV |
| K3PP | G0EHO | AA8R | YO3JF | W5GAI | WB2BIN |
| K4HMB | G0OIL | F5UJK | 312 | W5ZE | WZ8P |
| K6PJ | G3KWK | GM3YOR | AB5A | W8JRK | 308 |
| K7ACZ | HA7UW | I1FQH | CU2AP | ZL4TT | E21EIC |
| K8NK | HK4SAN | JA1SGU | DJ2RB | 310 | G4ZOY |
| LU6ETB | HP2AT | JA8BNP | DL1TRK | DL6ZXG | G8DX |
| N5ET | IV3TDM | JH6PFY | EA8MT | EA5OX | HL4CBX |
| N8LJ | JA4HAW | K1PL | F2NH | JA2IYJ | IK5PWN |
| NA9A | JA7LMZ | K3JT | F4BKV | JA4ZA | IW0HQE |
| NX0I | JG3FEA | K3PT | I0JBL | JH1WJR | IZ5RVG |
| OZ4VW | JG3LGD | K3SEW | IK0XBX | JR1VAY | JA1DDZ |
| UT7UV | JH1VHU | K8AJS | JE2RDO | K4JJW | JA2MNB |
| W0FLS | K3XA | KA4RRU | K0GD | K4WNW | JA2NDQ |
| W1AO | K4XD | KC5LK | K5MT | K5GH | JA3XNH |
| W1EQ | K8YSE | KW4V | LA3WAA | N4JQQ | JA4DHN |
| W2FV | K9MBQ | N2FF | N5MOA | N4NW | JH3GCN |
| W2LE | K9OT | N6DX | ON4ANN | N6PEQ | JM1JZN |
| W2OO | KD0PO | SV9COL | PY7DJ | N7IR | K0KG |
| W3MR | KQ4AV | W1YRC | SM5BMB | N7XR | K1SM |
| W5ZO | NE0DX | W2CG | SP3IBS | OE5FIN | K4JLD |
| W6YOO | OE3SGU | W6RS | W1BR | ON4EB | K7UT |
| W8HC | OE5BWN | W8KEN | W5WP | R8TX | KB8VAO |
| W8RLS | OH5VT | WA1FCN | W7YAQ | W0KEU | KJ6NZ |
| W9IL | SV3DCX | 313 | W8IQ | W8LGJ | N2WB |
| WA3AFS | UA3TT | DK8MCT | 311 | W8MET | N5ZC |
| ZL1BYZ | VE3YF | HS1NGR | AA5AM | WA3C | N7BT |
| ZS2DL | W5PF | IK0LNN | DL1SMA | WB3JFS | ON5UE |
| 317 | W7CA | IZ2FOS | GM3PPE | 309 | PY2VA |
| CT1GFK | YB1UUN | IZ8EJB | IK0HBN | DS1JFY | SP8HKT |
| DL7BA | 315 | JA3BXF | IK2RPE | G0VXE | SV2AEL |
| EA8RR | AB0CT | JA3MHA | IT9CVO | HL4CJG | W0LS |
| JA1XRA | EA6NB | JH1RGG | IW0SAF | I5XFD | W0QQ |
| JA8BAR | HB9TKS | JH3KAI | IZ8DFO | IK0UTM | W3ACO |
| JH2AQI | I4KDJ | JM1LPN | JA1FNO | IW1QN | WB2WPM |
| JH7NTW | IZ5BAM | JR3TOE | JA1OVF | IZ4MJP | ZS1A |
| JR0AMD | JE2DZC | K8FH | JA3EY | IZ8FDH | 307 |
| K7UA | J11NJC | KJ6P | JH4HMG | JA0LXP | AA4NC |
| LA5LJA | JN1RQV | N2NS | JJ2VLY | JA1RAE | DK3WW |
| N0RN | K1NTR | N4RWG | K3VAT | JA7MAD | EA1RT |
| N1API | | | | | |

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| EA7DUD | J11UHZ | IZ8XQC | K5RJ | K6SRZ | JA7GAP |
| EI9JF | K1LPS | JM1GHT | LA9VFA | N4HB | JA9PQ |
| HB3YFC | K1LT | K4VIG | N1KC | N7VPN | JF1JTD |
| IZ3ENH | K6MKF | K5DHY | N4SC | NA5Q | JH3FUK |
| JA1VRU | KD0Q | N2AJ | OZ7DN | SM7NDX | J11CYX |
| JA8CJY | KF0LA | N5TW | W1TO | SV1CQN | JK1WSH |
| JH2BNL | NC4RB | PA7RA | W6JTI | VK3HJ | JR0PJR |
| JR8AMF | UA0FO | UA3ECJ | W8MHW | W1KDA | N2SQW |
| K1USA | UN3GX | W0ANZ | WB4YDL | W6PJ | N9SF |
| K2AZ | VE3YV | W1WC | XE1RBV | W9MJ | NW4M |
| K5PS | W2YK | W2JLK | 300 | WA0ROI | OZ5NJ |
| N7MQ | W8QZA/QRP | W3FI | DL6JZ | WA1EHK | W2TB |
| NV9L | ZL2IFB | W8BBQ | EA1AF | WA8MCD | W3JX |
| NZ3O | 304 | YB0COU | EI2GLB | WX0B | W5JAY |
| RK4FD | 9K2GS | 302 | JA1EMQ | 298 | W8WEJ |
| SP6A | AF4HX | 7K1PTT | JA1GLE | AF5CC | W9GXR |
| VU2PTT | CT3HF | 9A4T | JA2EPW | AJ8MH | WA4TII |
| W1VT | EW4M | DL2SWN | JE4FNC | EW1BA | WF4U |
| W2ZI | HB9LCW | DS5ACV | JG2NLN | F6FYD | 296 |
| W7AH | IV3GOW | EB3CW | JH1ACA | G3VAO | A65CA |
| W7QDM | JA0PE | FG5FR | JH1FVE | IK2DZN | AB4SF |
| WO7R | JH4RLY | HB9ZS | JJ1BMB | IK8EPC | CT3MD |
| 306 | JK1ODA | I2DMI | K2CBI | IW0HOU | EA1KY |
| AK5X | K0BBC | IV3VBM | K3LR | JA1PUK | IK2PZC |
| CU3EJ | K1ZE | IZ0RVI | K9ZG | JA2FBC | JA2HYD |
| DL1HRN | K5TT | JA2VHO | KD4W | JA3WLN | JA3WMS |
| IT9RTA | KE3D | JE1IBI | LA8HGA | JA8FFM | JA9EEH |
| JH1VUO | KF2DT | JF1RYU | N1QY | JK1TCV | JE1PNX |
| JR2WCX | KK4OK | JM1JIV | N8PCN | JR1MLU | JF1IRW |
| JR3QHQ | N6MZ | K2AT | NA4MM | JR7FRW | JG0CQK |
| JR4NUN | RA3SS | K4ZO | ND4X | K5CR | JH4GJR |
| K4MM | RD3AW | K9QFR | PA0TCA | KS0M | JR4LZX |
| K4PB | VE3CRG | K9UQN | SM4AZQ | N1ZZ | K2AX |
| KX2A | VU2NKS | KG6I | UN7TW | N3KN | K2FW |
| MM0EAX | W2NRA | KR6C | W2OIB | N4XP | N8XI |
| N4HID | W6RKC | RU1AB | W4RDX | N7RD | OM4EX |
| N7NG | WA1PMA | SM4OLL | W5VY | NA5DX | SP6JIU |
| NA2U | WA3GFM | SM5CSS | W5ZG | ND0C/QRP | UW2ZM |
| PA0ZH | WA4LOX | W6RW | 299 | RW4CY | W0CP |
| R9SA | WA9PIE | W7HPW | CT3KN | SM7CQY | W9GG |
| SK3PY | WB2NPY | 301 | DS4AKP | UN7LZ | WA0RVK |
| W9ZJ | WB8BPU | 9K2OD | EU1KY | W6DE | 295 |
| WB2GAI | XE1MEX | HL2KV | G3VPW | W9FI | 9M6YBG |
| WB5JID | 303 | IT9BLB | IZ4DPV | W9HBH | CT1AUO |
| 305 | 4O3A | IZ3ETU | IZ8IEV | YB1AR | DJ3AS |
| EI9FBB | 4X6ZK | JA1HOM | JA8UIV | YL2KF | HB9IQB |
| G3KMQ | AG5W | JA9AA | JH1ADY | 297 | IZ8VYU |
| I8JIT | HB9CXZ | JA2AJY | JH1BNC | CT1ELF | JA1MZL |
| JA2ITK | HB9DHG | JH8KFE | JN7DOS | DL3KZA | JA2QXP |
| JH1DGQ | HL3AMO | JO4CFV | K1ACL | DS2BGV | JL7BRH |
| J11MNT | IZ8FWN | K2RSK | K1DT | HB9BAT | JR1FHP |

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|------------|------------|------------|------------|------------|------------|
| K1RV | K4WES | SV1ACK | K8YYY | OH2IS | W8NN |
| K5TA | K6CF | W4NK | KE4UW | OZ1LCG | |
| K6BV | K6LRN | W6WF | LA0FA | OZ6EI | 284 |
| K7KB | K8DV | W7IU | M0TTB | PZ5RA | CT1BWU |
| KF7PG | KH2L | W8WVM | N1JP | RA3BL | DJ0UT |
| N4LR | LA3MHA | W9ZCL | N4TV | RQ3A | DS5TOS |
| N8NN | N7TR | WF4G | NE8P | SP1DSZ | HL4GAV |
| ND4V | N9BX | | NF1G | W1ZK | IK0AGU |
| PY2GG | PA7TWO | 290 | ON4ATW | W2KA | JA1IVY |
| SV1VS | SM0XBI | AA4FL | RN9N | W5QM | K5JZ |
| VA7ZT | W3NS | DS4BBL | W3BJ | W7HR | K8RRT |
| W2WG | W5SL | EA3CJ | W4UCK | W7MEM | KA6BIM |
| W4GIW | W7VY | EA5DFV | W9EWZ | WY0V | KE0A |
| W5WLA | ZL4AS | IV3TMM | WW2DX | YO4DW | KM2E |
| W6SHY | | JA1DXA | YB9WZJ | | N0ODK |
| YO2CMI | 292 | JA2NNF | | 286 | N1IA |
| | A65BR | JF0EBM | 288 | CT3DL | N2YBB |
| 294 | AJ4A | K2SY | CT1FPQ | EU1U | N7DED |
| 4X1RU | DL5XL | K4CMS | E72U | JN3TRK | OH1ZK |
| AA3LX | HL2CFY | K5ZQ | JA3QOS | JR2IMJ | RM3DA |
| DF7EE | IK4IYC | K6ZZ | JA6GPR | JT1BV | W0SZ |
| EA5RD | JA7VEI | K7GM | JE1HRC | N2DPF | W3ML |
| JA3HBF | K2SN | KE8UM | JE2KSM | N6HY | W6DPD |
| JE3ENP | K3EA | N4UOZ | JE4CIL | NU1B | W6GRV |
| JF3PNQ | K4ST | N4XMX | JR7GBL | PY5IP | W8LR |
| JH0RVY | K5ZD | N5YY | K1XV | SP6AXW | WA4JQS |
| JR3UIC | K6EID | N7TY | K8ZZU | W7NN | |
| K1JIU | K9NR | NE0U | LA5YJ | W9YE | 283 |
| K6XN | KD6UO | PY2DS | SM4BZH | | IK0OPS |
| N6PSE | KE9S | SV3AQR | W4MAY | 285 | JA1ERB |
| N8SHZ | N2KX | VE7TK | W8OP | AB4UF | JA8BOV |
| PA0JSE | N2WLG | VK3FM | WA4CEM | CT1DOF | JH4ADK |
| SM3LGO | N5KM | W3MF | ZS2EZ | DL6UAA | JI2EMF |
| SM5OJH | SM5FWW | WB8K | | EA5B | K0GW |
| UR5FEO | W0UVC | WV6E | | F6DBX | K1RI |
| UX5UO | XE2MX | YV5OIE | 287 | HC1BI | K3GGN |
| W1UK | | | BA7IO | HL5BMX | K4OCE |
| W4KA | 291 | 289 | CT1FCX | IK5BOH/2 | KF4NEF |
| WA9GON | DF2GH | 7M4AOE | EA1KP | JA1GVT | LA6UL |
| YO9FNP | DL8SDC | BA4TB | EC1A | JA3BLN | N2JJ |
| | HB9CQK | DF2UA | EC1AIJ | JA4VLK | N5UL |
| 293 | I1LGR | F5NBX | EI8IU | JA8ZO | N8WRL |
| CT1EAV | IV3XNF | IZ7AUH | F1RAF | JG1OGM | RA5BM |
| EW1KP | JE2VLG | JA3ENN | F5LIW | K3PU | VA7XX |
| HL3ERJ | JH0BQX | JA4GXS | JA0DET | K4KAY | W1MK |
| IZ8GGF | JI1CQA | JH1IZR | JF0JYR | K9SG | W6DR |
| JA1DCO | K4EA | JH1OVY | JH2PWY | N5BO | WA4MIT |
| JA2KTP | K9YC | JH1RFM | K0TPP | N6QI | WN6K |
| JA3BG | KA1DJ | JK1AJX | K4EU | PE1L | |
| JI4WAO | KI1U | JK1BSM | KI4GE | SM6AOU | 282 |
| JM1CMA | LB2TB | K0MD | LA7GIA | W4DAO | IK1IYU |
| JR1EFG | N9AOL | K3FRK | N0OK | W7JWM | IZ1JMN |
| K0DEW | PC3T | K4RG | N7UN | W8IW | JA3UNA |
| | | | N9UA | | |

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|------------|------------|------------|------------|------------|------------|
| JA7GYP | WA6JA | DM2RM | JL1GYZ | N6VS | W2WC |
| JH8LEY | XE2D | G3WPH | JL1OEC | N9XX | W4UAT |
| K1GE | | GM0VRP | K0QB | PY2WC | W9DX |
| K1KA | 279 | JA1OVD | K0SQ | RA3LAL | WB8B |
| K2MHE | EA4DL | JF1LMB | K2KA | RL3AA | |
| K4JC | EA5AR | K2OGD | N4ENE | S54A | 270 |
| K5WBM | HI8R | K6UNE | NA5Z | UN9L | AE4CW |
| K6EME | JA4HXF | KR8T | SA0AQT | W0ZT | E73W |
| K8ROX | JA4JLT | LY1G | SM7BHH | W6ZPL | F6HLC |
| KI5BLU | JF2SKV | N4FN | SM7IUN | W8TE | IU8HEP |
| N0ABA | JH1FNU | N8AYY | SV2DCD | WA6EZV | JA1PBV |
| W6OUL | JH1NYN | OH1JP | W1AW | WB8CQV | JA4CZM |
| W6TK | KZ9DX | PT2ADM | W1GQ | | JA4RED |
| WC1M | N3TR | W4PNY | W5FL | 272 | JG8NKJ |
| | N4IQ | WN9O | WA4DOU | 9A1AD | JH1DTX |
| 281 | N6IE | YB2TX | WB5ZAM | DF3EC | K0DD |
| CT1FUH | OE3HWC | | WZ8T | IV3AVQ | K4VNY |
| DL2RTL | OZ1HPS | 276 | | IZ5YHD | K6TAR |
| DS3HWS | UT3UZ | DL4NBE | 274 | JA0KJE | KB5UNX |
| EA4UV | W1SSN | GU0SUP | 9K2NO | JA6AVT | KJ7M |
| G3LUW | W4UFO | HB9RYZ | AA9RR | JF1WLK | KN7Y |
| IK0CHU | W7WZ | IK2RZP | AI9U | JO1LVZ | N6ZN |
| IZ6CST | WQ6Q | JA1GFD | EA1DLU | K5FZ | N8VV |
| JA1TD | WZ4RC | JA7KE | FG8OJ | K9EXY | N9QQK |
| JA5NPV | | JF1TEU | HB9JOE | K9OR | NN6K |
| JA7SFD | 278 | JR1GFX | IZ4DIW | KD8RQE | NX4TT |
| JH0NBN | AG3V | K1CA | JA8XQI | KG6D | OH3OJ |
| JH6WDG | CU3AN | K4MV | JJ1KZZ | KL7TC | OZ1IKY |
| JH7BKN | EA8AXT | K7LV | K0THN | N4JT | PY2OP |
| K2UFM | JK7LXU | K9GWH | K1KI | N7MB | PY2SEX |
| W1OPD | K0CF | KF7F | K4TXJ | NT2A | UA3O |
| W4DEE | K5DV | N7WO | K8JE | VK2CA | VU2CDP |
| W9RXJ | K9KDS | RT5A | KA8SYV | VR2XMT | W1JGS |
| WB3BFC | N1EN | SM0DSF | KI7AO | W1KMA | W4LIA |
| | N3RW | VU2CPL | N6RK | | W9OO |
| 280 | OM7CA | W0KCJ | PU2POP | 271 | WW8W |
| DJ5IO | PY2FN | W0OGH | VU2DCC | 4X6UU | |
| HB9FBG | PY3VB | W5DAW | W4JVN | AC9EM | 269 |
| HK1MW | VE1OP | W6DCK | WB3D | DJ9SO | DS5DNO |
| HK3CW | W5GA | WA0SXV | | IK0EFR | EA7SG |
| HL2EIZ | W7AV | WA3RHW | 273 | IS0AFM | JA1QIW |
| IK8UHA | W8CD | WA5LFD | AB1J | JP1SRG | JA3KKE |
| IK8VRH | WA5NOM | WB4DNL | AE0P | K0CS | JA5DBE |
| JF2OZH | WA5UA | | JN1NOP | K5FNQ | JE2UFF |
| JL3OUW | WC0W | 275 | K1UU | K7FEL | JH0AWC |
| K0PC | WE2N | 6K5YIA | K3GW | K9TF | JI6IHG |
| K1NJ | WS5W | AA7G | K4IE | KC4AA | K3WWT |
| K4QE | YB2DX | CT1BOY | K8AO | KE4S | K8ZM |
| NA9RB | ZS1J | DS4NPL | KK9T | KV4T | N5PA |
| RT0F | | F1ICS | KM7R | LU2AH | N6BM |
| VK3OT | 277 | I4FTU | KS4S | OE2BZL | NX2X |
| W0JM | BH4QYX | I7PXV | LA6OP | PT7DX | OM8FR |
| W5VQ | DL9FCY | JH0NOS | N2NW | TA1CM | PA3BWD |

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|------------|------------|------------|------------|------------|------------|
| RU0SN | WC4H | 264 | JA3NHL | N1MD | VU2IBI |
| W6RFF | | AK6I | JE1CTA | N3QE | W0DD |
| WS9V | 266 | DL8OH | JG1SWM | N4HN | W6OPO |
| 268 | AA4DD | DO2UDX | K2SD | N6IBP | YO4AUL |
| AH2O | HI3T | EA1BLA | K2WJ | NA2M | 257 |
| EA2AAZ | IK3SWB | HB9CQL | K4KGG | VA2IG | AE5B |
| G4VMX | IT9JPS | I0LYO | K4YJ | VE7UF | BX5AA |
| HB9IIO | JA0ED | IK2QPO | K8YE | W2PS | DL7UGO |
| I0OSI | JI8PDC | JA1MOH | KD1F | YB0AZ | IZ0BTV |
| IZ1JLG | JK2VOC | K7HC | KE6V | 259 | JA4IYL |
| IZ8MBW | K0VSH | K9OW | KE8G | EI2HY | JH7IQQ |
| JA1PVX | K4MIJ | KK9H | KS4YT | F6ECI | K2RU |
| JA7FAS | K7JH | N3KS | KU4BP | G4ZWY | K4EB |
| JH6DUL | K7VC | NY2NY | N7UJJ | HI3Y | K8ESQ |
| JH8UQJ | KK5OQ | ON6ZV | NH6T/W4 | JA7HRM | KA9OKH |
| JL3DGI | LX2SM | W5DNT | SM2DMU | K3OX | KB4MRX |
| JR2TQG | N2ZZ | WA9JWL | SV8RX | K3SX | KF2OG |
| K9JU | N6NU | WV4TN | W7IV | K5EWJ | M0CSD |
| KC9G | NA2AA | YB3MM | WA6KHK | KB9DAK | N6JM |
| LB6KC | NA6MG | 263 | YC0QR | KE1B | N8NA |
| OH1HAQ | NX8Y | AC4TO | 261 | KQ4EE | NR4M |
| W3KHQ | W8GNM | DL7UPN | 7K1CPT | KU9S | VE6SV |
| WB2KSK | WB2ZAB | EW1P | CT1ESO | OZ7FOC | W1GY |
| WC3W | YL2TW | HB9BUN | DL1QQ | PA2TMS | W3WST |
| XE2X | 265 | JA0KJD | DL4FDM | UN7BY | W4HZ |
| 267 | DK6OR | JA1DCK | HB9MFM | W6HYI | W8SAX |
| 7K3QPL | DS4AOW | JE2EBT | JE1LPZ | WA4MME | W9IM |
| DS3EXX | IK3GBG | JH1DGJ | JR2PAU | WD9Q | WA5YOM |
| G4FKA | IK7FPV | K2DC | K0EEO | WX2U | WA5YON |
| JA1JYE | IK7YZG | K3XC | K2CYE | YO3AIS | WP3R |
| JA3AVO | IZ8EKL | K8EAB | K7LY | 258 | WQ5R |
| JA3EEM | JA1IAZ | KB1W | N6DHZ | AA7X | WX2K |
| JF2VAX | JF6XQJ | KB6CIO | SP5APW | DL8AAV | 256 |
| JH1SBE | JH0OXS | KI4DLS | W0FG | F5JSD | CT3CD |
| JH8NQV | JK1MZT | N6MXU | W0OVM | G8AJM | I1YDT |
| JI1VVB | K0IL | OZ0J | W1ZS | JA0DWY | IT9GSF |
| JI1WLL | K2BLA | PY2GM | W2/CT1GIF | JA2ODB | IW3GJF |
| JR1IZM | K3GT | SM5CBM | W5THT | K1AJ | JA3FHL |
| KK0DX | KD0AA | SM6CLU | W8HMK | K7KJ | JA9LX |
| KK1W | N3ND | W8PI | 260 | KJ7TEA | JH2VVH |
| KL0S | N4XYZ | W9UM | CU3EQ | KK9M | JM3GXU |
| N4TOL | N9BVA | WB1DX | DL2NOM | LU1FM | K1RH |
| N7WS | NG7M | WB6BFG | DL5KUA | N6EM | K4CGY |
| PY2RO | PY2FZ | ZS2Y | G4XEE | N6GP | KG5VK |
| RA0BA | SP6Eiy | 262 | IZ0NRG | N6MB | KP4DKE |
| SM2HWG | VK3BDX | AA0MZ | JR2TRI | N8GP | N4ANV |
| UA9FFV | W3FOX | AA8M | K0OK | RD3BD | NA2P |
| UR3EO | W5DM | DS5XEH | K4JWA | SA3CAT | NJ3K |
| W5UHQ | W7HUY | EI9FVB | KG9Z | SM5ELV | OE1ALW |
| W8UV | WS1L | HA5PT | KI7HO | SM7GIB | SP7QHR |
| W9JJB | | JA1FJJ | N1BY | UN3G | VE3SKX |

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|------------|------------|------------|------------|------------|------------|
| W0MU | K1TWF | K3NF | WW4LL | K3FM | 243 |
| W2FKF | K4AR | K6EGF | WY6N | K6GFJ | AA4LR |
| W6WA | KD4SN | KE5MMT | | K6XJ | AC6BW |
| W7BQ | LZ2ZG | KE5TD | 248 | KD2T | HB9DOT |
| W7TUS | N2GZ | KF7NN | HL2DBP | NK7C | IW7DVM |
| WN7J | NA9Q | KR4BD | IK3DVY | SP5ELW | IZ4BBF |
| WV2I | NC7M | N7ELL | IZ6ERS | SV1FKZ | JA0CVC |
| ZS6IR | SM2EJE | NR0T | JG4OOU | W3TZ | JR7MAZ |
| | UR4IOR | OE6CLD | JH3LCU | W9GM | K0SRL |
| 255 | VE1JF | PT7YV | JN4FNZ | WB0O | K7AWB |
| 7L4VYK | VE2BWL | SV2BXA | K4YYL | WB1EAZ | KA1J |
| AA6RR | VK4CAG | SV8DOU | K5TU | | KM2O |
| CE3FZ | W2DXE | | K8SIA | 245 | KM4NS |
| DK4TP | W2OR | 250 | KD6FW | AG7N | KM5VI |
| EW3CW | WB2AA | AK3E | KI4TZ | HA5BSW | KY5I |
| GU4YOX | XE1EE | DJ3XG | KN4FO | HB9DQV | N4QWZ |
| IZ5EBL | | DL7UIO | N6ER | HL4XM | NS3L |
| K9QJ | 252 | EA5RU | N7ZA | JF1MTV | SM5FQQ |
| KB2XJ | AB0RX | IK8OZV | NO9E | JG3RWX | UA9AGX |
| KE5FXE | AD5WB | JA1IFD | PT2CSM | JL1VWL | W1MR |
| N1NU | DL9GTB | JA1QOQ | SM5AOG | K5RKS | W2TX |
| N6PM | F6KOP | JA2ACI | W2EQ | LA9GX | W4REX |
| W1NA | HB9DRS | JA2HGF | W3ABT | N0AMI | W6NK |
| W8UQ | HL2ZN | JA3MIO | WA3GNW | N5QS | W7SX |
| WA1ZIC | IZ5FSA | JA7ZP | WB4GLI | N6VNI | WA2VQV |
| ZS6NJ | JH7WNV | JK1SQI | WB5NHL | NX1P | WA6G |
| | JJ1QUV | K2MK | WS4H | PA1NHZ | WA7HQD |
| 254 | K3BZ | KD2GC | XE1R | SM7DXQ | YB1TJ |
| CX2CC | K7WK | KF4VTT | YO3GJC | | |
| DK5RL | K8QKY | KK4OW | | 244 | 242 |
| JH3MHI | KW4J | KW9U | | 7J1ADJ | AD4AA |
| JH7WQX | KZ1W | LZ2HM | 247 | AC5AA | AH0U |
| JL6USD | N9AKR | N5WNG | F5AQB | AG4Q | DF2QC |
| JR6GHN | NE5S | N8WD | IK4TVP | CT1ETE | F4CPF |
| K6IPV | V51B | PS8ACL | K0HQW | G1VDP | GW4TSG |
| KF8HR | W1OP | RA3QUA | K0OE | I7LGM | JA1BON |
| KL7TS | W5RDW | SV1BYI | K2EK | I8YAV | K4GO |
| N1WON | W6SFK | W8BLA | K2HAT | JA0EVI | K4WZ |
| N6KK | W9CSX | | KX4TT | JA1CPS | KB1HY |
| W0BM | W9KVR | 249 | N8AGU | JH1LAH | KC4HN |
| WB0N | XE1H | AD6ZJ | NA4EA | JJ1LID | KF9UG |
| WD6T | | DG5LAC | RN3QO | K6IRA | KG8CW |
| WE1P | 251 | E70T | W7CP | K8GT | M0IKW |
| XE2B | AB2E | HB9EFK | W8BI | KB9S | N3AO |
| | AC9O | HB9ESS | | KI7M | N4MIK |
| 253 | EA3CWK | JJ2PIK | 246 | N2RJ | N6XT |
| DH0GSU | EI4CF | JL3RNZ | AA3TH | N4OA | ND3F |
| G4FAL | HB9BNQ | K2QB | AD5MD | NM1G | V51YJ |
| GM4YMM | IW0BYL | N7TM | HB9EBM | W2PP | VK3KE |
| JA1NLX | JA3PRM | OE3KLU | HL4RBR | W6HB | W4GE |
| JH5HDA | JA5XPD | RD9M | JG2NXV | XE1YD | W6BK |
| JR2PZX | JH1ERJ | VE6TL | JG3NKP | | W7IB |
| K1DJ | JT1CO | WB4KTF | JR7ILA | | W7QHE |
| | | | K0HD | | |

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|------------|------------|------------|------------|------------|------------|
| W8FIB | 239 | XE1FAS | IK4DCW | NJ7G | K2TER |
| W9QO | CT1BNW | | IT9ODQ | RL3BZ | K3WGR |
| WB0ULX | EA4EPY | 237 | JA1UOA | VE6SH | K4KAL |
| WB6AXD | IK8GJR | 4X6KJ | JH1FRW | VK5GR | K6ASK |
| WX0Z | IZ8FTW | AC4VM | JL4BSE | VR2MY | KB1DMX |
| | JA4MMO | DK6BT | K3SW | W0IKD | KK7YC |
| 241 | JA7GZM | DL2JIM | KC2SST | W5EC | NA5S |
| 7Z1SJ | JE4WSA | DS2LGK | KT2C | W5FPT | ND3L |
| JA1FVS | K1JD | G4AYU | KW1DX | W6HDG | UA4PT |
| JE2VYM | K8KI | JA6CMQ | R0QA | WA8RCK | VE3TKI |
| JJ1KXB | KA7CVJ | JE3OUW | VA2LC | WB1S | VE4GV |
| K2CS | KE1VT | JP7FSO | W4UEF | WT9U | W1ASB |
| K3NQ | KU4XO | JR0RBY | W8LMG | YB0MZI | W4UDH |
| KA5VFU | KY6R | K0VM | W9GIG | | W5XU |
| KF0RQ | MU0GSY | K1ROA | W9ROG | 232 | YB0DJ |
| KG4JSZ | N6PAT | KE3X | WA0WWW | AA7XT | YB4IR |
| KJ7NO | N7QT | LB5WB | XE1L | AB5YI | ZL1ANH |
| N9AVY | NA4CW | LX1KC | YB2VTO | AC0B | |
| PB9FN | OH7TV | N5KAE | | AC0W | 230 |
| SM5BNK | SP7ICE | N7BD | 234 | AG5Z | EA7LL |
| W3TC | SV2CLJ | OT1A | DJ9KV | IK7YCE | G6NHU |
| W4KVS | VR2XLN | PY3SB | F6DHI | IZ2EWR | JA2AXB |
| W9GE | W1MJB | SP5MXZ | GM0NAI | JA0MRW | K1TN |
| WE4S | W4GP | VE1VOX | IU0LFQ | JA3ARM | KH6XT |
| WU2G | W4TE | W1FA | JL3SIK | JA5ALE | KV4AA |
| YB0MWM | W5WS | W4PG | JN1RKE | JA6DJD | NV4B |
| YB0NFL | WD8KND | W5JMW | K0KP | JA6ENL | W1NT |
| YV5LI | | W6AER | K3HW | K1ZJA | W5IO |
| ZS2I | 238 | W6CN | K4RWP | K5CD | W5RF |
| | AG1A | ZL1ANJ | K8ZT/QRP | KC6JAM | W5WI |
| | AJ8B | | N1ZJ | N9JR | W8LIG |
| 240 | DL5KUT | 236 | PT7CB | NK9O | WA7BNG |
| EI2JD | I8LWL | AG6HE | W1XV | R4FAN | WB5STU |
| FG4NO | IK0WRB | DM5JBN | W3OD | SM7AWQ | WB9PNU |
| IV3BSF | IW9DNI | EA7AN | W4DVG | UA4PK | WC2K |
| JA1VYW | JA2OLJ | EC7B | W4NBS | VK3NX | XE1ILI |
| JF2QNM | JE3PCP | G3VQO | W5RYA | W0YK | XE2AU |
| JH7HJL | JH6WMJ | HK6P | | W4AO | |
| JQ1YIW | JP1LVI | IZ0GYP | 233 | WA4YYM | 229 |
| K7CMZ | JR3VMJ | JA1VRY | AF3X | WA5KBH | DL5JS |
| K8GWU | JS6TWW | JA5CUX | BV1EK | WA8A | DL6LIM |
| KN7D | K7QYY | JA7JPZ | G4XRV | WQ5N | DS5WQT |
| MU0FAL | LA5SJA | JE2ILG | JA3DLE | WV9L | G0BBB |
| N0STL | LA8CJ | K5GM | JE4MHL | ZL3TE | IZ0CKJ |
| N3KR | N3NO | N4BAF | K0XR | | IZ0COI |
| N3RR | N5WA | TZ4AM | K4SX | 231 | JK1EBA |
| N4DWK | ON6KE | VE3UTT | K4YP | CT1HHP | K3IXD |
| N7GCO | W1DYJ | XE3E | K8CMR | EA1AZ | KB9AIT |
| R9MJ | W1LY | | KK8MM | G3WW | KR0O |
| SK0QO | W3US | 235 | KL7HBK | HB9FBM | N0SL |
| SP5LKJ | W5YM | AK5Q | NA1DX | JP1LRT | N2ZA |
| VK6LC | W6JZ | EA4DEI | NA6O | JR3ADB | N8HRZ |
| W4WN | WA4NUF | EA4S | NA8W | K2RET | NN5E |
| W9LQI | | | | | |

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| NV4A | E74A | 224 | K0NV | JQ1PCX | LT1F |
| SM5CCT | G4AFJ | 7J1ABD | K0YL | K0MP | M3DFW |
| W0JW | G7SSE | 9K2BM | KB5HC | K2CYS | N2RD |
| W3IZ | HL1VAU | AC6DD | KB7V | K6KZM | N9DR |
| W5AP | HL4GHT | EA1P | KD0S | K8MRT | TF5B |
| W5MF | I2YPY | HB9DVZ | KM9E | K9QA | W1RH |
| WQ1H | IV3KCB | IZ1JLN | LU2JCW | KB4CRT | W3KHZ |
| | JA3BKP | IZ4VSD | LX1CW | KE5BR | W7VS |
| 228 | JH0KWZ | JF1KML | N0IW | KI2Y | W8WT |
| DS1CPT | K0MFI | JI3MJK | N3DV | KR0P | WB7QXU |
| EA5XV | K4JKB | K0UBR | N5BA | NU0Q | |
| G3PSM | KD2SC | K1BZ | N5TF | OE1JIS | 217 |
| IZ7EVZ | KF8PD | K5JMB | N8IL | OE3JAG | 3A2MW |
| JA1ITJ | KF9AF | KB5YN | OM2AGN | WA1F | AE5L |
| JA8ALB | N2MEE | KU1T | PF1MO | WA3FRP | EA1AA |
| JR6LDE | N3XM | OZ3SM | VU2LBW | | EA5HM |
| K0LU | N4AOE | RA9SC | W4ATM | 219 | HL3EFM |
| K0TV | N5GO | SM0NUE | W7RN | DS3BGI | IC8SQS |
| K4IU | RC2A | W1OK | ZS1DX | DS4DRE | IK2RGT |
| KD2OV | UA1OM | W5SJ | | DU1IVT | JA1MOD |
| KG5EG | W4GH | W5SV | 221 | G3LOJ | JE3FOR |
| N3KV | W4PGC | W8YV | A65BD | IK0XIH | JF3VEC |
| NZ5O | W6MVW | WA3WZR | AA2KD | IK2ULM | JH2NWP |
| PY2ADR | W7VAS | | AB5GU | IW5AOT | JI1BHO |
| SM0BYD | W9MR | 223 | JA8ANQ | JH0IEW | JJ1VGA |
| W0QC | WA4USA | 8P6SH | JG2LGM | JH1RVQ | K0QQ |
| W1LE | | 9H1EJ | JG3KLF | JI1BJB | K3XO |
| | 225 | DL1SVA | K5VR | JR0GXA | K5UZ |
| 227 | BH4IGO | EI6IZ | K8EB | K3VAR | K8CC |
| AF6PK | DL6DCD | HK3PJ | KD8MQY | K8ARY | N7TW |
| EI3IO | DS4GKF | IT9ABN | KO4XI | KB5CSQ | VK5CE |
| F4GVO | E20YLM | IZ5MOQ | KW4CQ | KG4CUY | VR2XYL |
| HL4CCM | EA4D | JE0EHE | LA1CO | KJ4UZU | W1DAR |
| I4JED | IK1UGX | K1JE | VE5EL | KK4CB | W2NY |
| K2OP | JA8JOZ | K1TKL | W0JMP | KN4JX | W3BNN |
| K5DCW | K9GY | KN7K | W4WFC | KU2A | W5GN |
| K5EWS | N3HYB | LA2GH | W6FL | N7PIB | WC0M |
| K7LAZ | N4LZ | W4CCS | WD8PKF | W4DTA | WF8R |
| K8LBT | N6DVR | W5HY | WG0M | WB4CW | WY7FD |
| K8VD | N6NG | WA9BZW | | XE1MW | |
| N6VH | PY5VC | WB8Ytz | 220 | | 216 |
| NS7K | PY8WW | WB9MSM | 7N4OBV | 218 | AD3C |
| RN3CT | UA2CZ | WF1H | AA4FU | DK3UA | AK9B |
| VK6OZ | UA9MC | | AB4GE | EI8GS | DJ7JC |
| W6GJB | VA3IC | 222 | E77S | HB9HVG | DK3BK |
| W6PH | W1PY | 4X4MF | EA2RY | I5FLN | EA4E |
| W7BJN | W4MA | CT3DZ | EA5ZR | JA3AOP | HB9AGO |
| W7IUO | W6PG | DK8IZ | HL5BJU | JE7RJS | HB9BEM |
| WR7Q | WB9IWN | DL6UNF | IK4NZD | JP1GUW | HB9PUE |
| | WV8DX | G8APB | JA2KGQ | KB0IKW | HK1X |
| 226 | YT7T | JA1KXQ | JH1CTV | KI4WCQ | JA7QQQ |
| AA5N | | JE7KCI | JJ1BDX | KT5V | JA8EIA |
| AE9DX | | JI1DMH | JM7TKK | LA2LI | JK1DDG |

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|------------|------------|------------|------------|------------|------------|
| JR4CZM | EA8TK | N4LV | N9IO | S51DD | K0GVT |
| K1FE | ER0FEO | PY2AB | OE1HHB | SM5AFU | K5ER |
| K6FAF | HB0WR | PY2RN | VA3HP | SV1IZY | K6SY |
| KA4LBD | IZ0FUW | VE7VZ | VE2ACP | W1FM | K6UXO |
| KJ9B | JA4CSJ | W5TFW | VE3FRR | W1WTG | KA1O |
| N2KI | JA5RVN | W6SIY | W1GF | W4TUN | KB9BJV |
| NI5F | JP1EWY | WB7BBQ | W4UT | W5UQ | KD3HN |
| PP7LL | K0HB | WI7P | WA6URY | W5WZ | KE4BKL |
| PR7AB | K6VWE | YO3IPR | WB2HJV | W6DRB | KF8VX |
| RN0C | KE4KMG | ZL3PAH | YB0EIN | YD9UW | N5JC |
| SQ7FPH | KI6PG | | YB1AYO | | N7TP |
| UA9AEU | KJ4YLO | 211 | | 207 | NC2Y |
| UT7KF | N0YO | EA6AZ | 209 | 7K3BKZ | VA1SEA |
| W4AEJ | NI7F | IT9AAI | AA4A | AA3K | W0GWK |
| W5BK | NZ7Q | IU4CHE | AG5CN | AB6CF | W3WH |
| WO5I | R3BB | IZ6GSP | EI1DG | AC2G | WA1NXC |
| YB2TS | SP9NLI | JA1DIO | EI9E | CT1EGW | WB8BZK |
| | W3DIY | JH6CDI | IK2GOQ | GM3WIL | |
| 215 | WA8Y | JM1ESG | JA4FKO | HB9BMY | 205 |
| AA8SW | | JN4ASA | JR1EYB | JA7FVA | 7Z1CQ |
| AF8C | 213 | JP3OIK | K0BRO | JQ6DAC | AA4OC |
| AG0A | AB7RW | K7QBO | K7PT | K0GEO | EA5BZS |
| DH3KM | GM0VIT | N5KUC | KH6CQH | K0LB | F4DSE |
| IK0WMJ | JA4SSM | N8NB | KK4XL | K1EO | HL0CAC |
| JA4EVN | JH0AUY | N9IXD | KR0I | K8RCT | IZ7GIT |
| JI1SAI | JH8MZF | N9LEO | LU4FW | KB7QFE | JA3TC |
| K0COM | JL7SNM | PY2CP | N6VI | KF6A | JA5SEY |
| K0IO | K4OY | SP7CVW | N7JB | N3JM | JF2TOG |
| KB2FCV | N0TK | W3JXP | SM0NZZ | N3PW | K0FD |
| KI9A | N3PS | W4GV | SV3RKM | NJ6K | K2JK |
| KJ6Y | NB3R | W4PV | W4DN | OH2LHE | K3GO |
| N0CKC | NU4B | W7BC | W4NE | SP5ZCC | K4FK |
| N0HJZ | SM6WET | W8FAX | W6BBS | W2RDS | KD4QMY |
| N5GJ | W2UB | W9AMX | W7CD | W4DFU | KG8DP |
| NT6AA | W3BYX | WK8A | WA7HR | W5LO | KK4CLY |
| TA1AL | W4GHD | WM4AA | YB1RUS | W5RAE | KW2J |
| TF8GX | W7NP | | | W7BV | N0ABE |
| W4ASE | W9MO | 210 | 208 | W8JA | N4GBK |
| W4TTY | | DF8FT | A92AA | WA2DNI | N4ST |
| W5VU | 212 | EI4BZ | AL7TC | WA3GM | NW6V |
| W7VV | 6K5AQY | F4GDI | EW4C | WC2C | PA2SWL |
| WA2BOT | DL4DW | HB9DMQ | G4FTC | WJ7R | SV8LMQ |
| WA3SKQ | EA4EJP | HB9VAB | GM1BSG | WS7I | W4HOG |
| WA5NFC | EA5GXJ | HK3J | IK8TEM | WY1G | WR2G |
| WB9M | JA5MOO | JG1JPE | IV3NVB | YO5OEF | ZS1EL |
| WM5DX | JA7EU | K4GN | JE8KGG | ZS1C | |
| WQ7A | JA7JM | K5HK | JH1HRJ | ZS6UT | |
| WQ8T | JA9APM | KB0V | JH3EQP | | 204 |
| YB1TQL | JG1GJH | KB2ZPB | K0FG | | CU3BL |
| | JH1RNX | KV7N | K6JJ | 206 | DK3TL |
| 214 | K3MSB | LA9VBA | K6ZP | DL8DWL | EA2AFV |
| AA4UC | K7VL | N1AC | N5DRV | HL5FXP | EI7JZ |
| D2UY | K9YZ | N6OKU | PY4AZ | IS0EBO | HB9HBZ |
| | | | | JA1SZN | IK2WSO |

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|------------|------------|------------|------------|------------|------------|
| IK5ZAJ | LB2TG | IW5EIJ | LA2XPA | K1XE | JE1COB |
| IZ5GST | N9PGG | JA0EBV | N2ZL | K8POM | JH0WYT |
| JA0JPD | NN2D | JA1ASO | N7KDT | K9WMS | JH1RMH |
| JA4BGK | W0MF | JA1BPN | ND9M | KM8AM | K4VUD |
| K3UC | W0UY | JA3UOQ | NF7D | LA4JGA | N5MI |
| K5NV | W2ARP | JH6WHN | NR2D | N0BK | N8KM |
| KO6UW | W8DN | JP1GVC | NW7US | N0OB | NE5W |
| KX9X | WA1FXK | K0SON | W4GHW | N1SZ | NY1V |
| KZ2R | YO3HOT | K4VX | WV4V | N4MEC | RX3BP |
| N2BSA | YV4DYJ | KM4VI | | N6AA | VE3GFN |
| NG0G | | KU4V | 197 | N8KOJ | VO1XC |
| UA9CIM | 201 | M0HIH | AA0BH | NZ0O | W5SUM |
| UN7BK | AA3AZ | N4MI | DL7JRD | PY5HSD | WA6TQT |
| VE3VHH | AA5SH | OK2FB | EA3HDZ | R3LC | WM9Q |
| W9MAK | EA1WS | SM3PHM | EI6AL | VA3NXM | |
| WA8IHI | ES2IPA | VU3CAU | G3YBY | VE2WY | 193 |
| | EW4A | W3DQS | G4UZG | VE3MF | 7M4CLF |
| 203 | HA5AWT | W4GKR | HB9DVO | W1RG | A71AM |
| 7M2MIK | HB9GWJ | W4LEW | IC8XIL | W4DWS | DL4IW |
| 9A1A | HB9ODP | W7VP | IV3FFI | W8TM | EI6JK |
| AL7R | IZ4AIB | WD8EOL | IZ5BYJ | WD1X | HP2NG |
| DD3KF | JA1BUQ | WK9U | JA0AVS | WO5D | IU8IYE |
| HB9JNM | JA1CC | | JA1IAW | ZP6CW | JA4DLF |
| IZ1UKF | JA2BUR | 199 | JA1PRV | | JE7ART |
| JA1IHD | JF7RJM | A61BK | JE1GLP | 195 | K1LTJ |
| JE3TAT | JH0LME | AB5RM | JM3XZC | DS4DBF | K3CWF |
| JF1KIG | JH6RTO | EA5DKU | JR1CAD | EA1AHA | KM4HQE |
| JO3WHB | JI1OWY | EI4HH | K4RDU | HL5UOG | KS4Q |
| JP1WFI | K0PX | F4FLF | K4SAF | I4UUL | LA1J |
| K0ABC | K1VI | HB9EXQ | KG2V | JE2FJI | N6WT |
| K5XS | K3VPZ | IW9FRB | KT8D | K1QQ | OH6BG |
| N4PYI | K5AUP | IZ3XEF | LA2IR | K2GLS | TG9AJR |
| R9JX | K5LLA | JA4DNC | N4HL | PV8DX | W4CIR |
| UA0SC | K6VVK | JF8LPB | N4UFP | SM0EUI | W4PJW |
| VK2AAH | K9BO | K1UM | N5HC | VE3YXO | W4RQ |
| W0ZX | KI2D | K4RP | N9VD | W2FS | WR2V |
| W8MIL | KL2R | K6WSC | NN8L | W4SUL | WT2P |
| WB4SON | N1DC | KB4FB | NP2N | WC2L | ZL3RJ |
| YO3DDZ | N7JXS | OH3FVP | NT9F | WW8RT | |
| | NI8Z | W6FI | W0PE | XE1RCS | 192 |
| 202 | PY2OA | W9WO | W2OSR | | 7L2QAD |
| DL9NDV | RA3CO | WO6T | W3EF | 194 | AC4BT |
| EA1WH | SV1XV | | W6OZI | 7N4SQJ | DL2RD |
| G4SGX | VE2HJ | 198 | WM5H | A71EM | DS2GOO |
| GM7NZI | VK3TC | AD0TR | | AA5NT | E70A |
| JA9IWR | VR2CH | DS5AAQ | 196 | AA9WO | JE1PHH |
| JE4RAL | W1WEF | JS6SCC | AF6O | DF2WF | JH3PRR |
| JJ1JMZ | | K5ZO | AI4QQ | DL5PW | JR0QFA |
| K2HT | 200 | K6LPO | DL9ABM | EA7LS | K4JPD |
| K3BQ | 4F3BZ | K9IA | F4WDL | HL0EXN | K5VG |
| KE1R | 9AY2K | KA5IAU | G0DRM | IK6CGO | KG6WIK |
| KF3C | DL9DRA | KD4POJ | I8NLC | IW0EFA | KS5Z |
| KR9A | IK2HDF | KK7BR | JA5CDL | JA1CCH | LU9DO |

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|------------|------------|------------|------------|------------|------------|
| LZ1MDU | N6JOJ | 187 | K1ZO | JA4IU | AD4RE |
| N0RQ | TF3VS | DK7SL | K2UT | JE7BUH | AD7L |
| N5UE | W3EP | EI5KO | K5PQ | JK1BIB | AI2S |
| N6MA | WX7B | IK8IPL | K9UO | K4AU | DS3CPL |
| N8NH | | JA2CPD | KB0EL | K7PTC | EA5KA |
| N9OY | 189 | JH8HPN | KB7AZ | K9UWY | EI6FM |
| NM2A | 7N3IJT | K0JJR | N0VVV | KA1API | G0HSA |
| NU4I | EA2AA | K4ZNC | NK5O | KA5OWI | G8GHD |
| OD5YA | HL1OYF | K8ROK | NN3V | KB2S | HB9FAX |
| PY2LSM | I6TIH | KP4N | NS4F | KB7AK | HL4HLD |
| W1USN | IK5QPS | N6MM | OR4K | KI7O | JA2KPW |
| W4CMM | JA1EYN | N7RQ | W0TK | KS4WA | JA8WGX |
| W4IDX | JH9OSX | PT2BW | W3AT | N2IFA | JJ1HLL |
| W7GSV | KK5J | PY3OG | W6VRK | N4JED | JJ1VFE |
| W8WD | KO1H | PY4OG | WB9W | NS6E | JL3CRS |
| WB2KSP | KX5V | TF2LL | WU7X | TA2AD | JQ1CJF |
| WD5BJT | N8WXQ | VU2NXM | ZP9MCE | VE7BC | JR1QLM |
| | SP5NON | W8HB | ZS6RJ | VU2ABS | JR4DHK |
| | VR2PX | ZL2AO | | VU3WEW | K2CDJ |
| 191 | VU3NXI | | 184 | W3KN | K4TOR |
| CU3HN | W5MJ | 186 | AE9YL | W4QH | KI6MQX |
| IW1PUR | W5TMC | 4Z1WF | CU2AF | W4WB | KW7XX |
| JI5WDC | W7LEA | AA7UN | F5EOT | W7JET | KX1G |
| JK1JAS | W7LEB | DJ3GW | HB9HIT | WA6QGH | LA7EIA |
| JR4VEV | WA0WOF | DL1ZBO | JA1BIV | WD9FLI | LA8PDA |
| K0YY | WA8COB | DL3ANK | JH0AKV | YB1BML | LB7ZG |
| K4WFM | | HB9ECS | JH1BHW | | OZ9XU |
| K6QU | | HB9TQL | K2RB | 182 | VE2GHZ |
| K7STO | 188 | HS1JZT | K6AHG | DS5QLJ | VK4BUI |
| KI3O | AE4M | JK1OTP | K6WY | EA4OR | VU2SWS |
| KX2B | DS5BRE | JN1RFY | K8YF | EA6UE | W1DXH |
| NS4X | G4YCS | JS6QOM | KB9LIE | IK1ZNM | WA5YNB |
| TA1L | HK6K | K6GCN | KR4U | JE2SOY | WA6WGS |
| UA3DUJ | HZ1GW | K7PO | N3CZJ | JK2AQT | WB6RAB |
| VE3CWP | IK5FUZ | KB3IFH | N4UP | JR3PKO | WT5L |
| WR4AP | JA3VUI | KR7D | N6GY | K2DF | |
| WW6G | JA6SQR | N1RM | N9AZZ | K2KIB | 180 |
| | JA7MWC | N7WI | ND7K | K9BQL | 9J2BS |
| 190 | JF2DST | PT2ND | NE3K | KF5WCP | AB9KZ |
| CU2CE | JJ8UTK | SM0BSO | RA3SD | KO4PRE | AD9DX |
| DJ4JZ | JP1GLV | W6JWK | SP3S | N2XQM | DJ6DO |
| DL2VWR | K6DJ | WA3V | VE3NJC | N5WYR | EA2AGV |
| JA0HC | K7YZO | WA9MAG | WD1M | TF4M | HB9DKV |
| JA7DPC | N8JS | WY4I | WK1Q | UA9AM | IK2WPO |
| JJ1IRS | NX3A | | ZS5LEE | VA3EJN | IK4RQJ |
| K4DET | VE1DUN | 185 | | W3RMS | IK8DUI |
| K5LY | W7OLY | 7K1LUE | 183 | W4BH | JA5IBP |
| K6BR | W7YED | AA8KY | AA4EA | W6IS | JE1BJP |
| K7QA | W8WV | EA2BFM | AA5H | W6NT | JF3KOA |
| K8KY | WA2VKS | IU0ICA | AC0DQ | YC0BJJ | JR0MVH |
| K8WHA | WG0G | JJ0LZQ | EA3HPX | | JR1AHP |
| KB4KBS | WQ5T | JP2AEA | EI5JL | 181 | K7RAN |
| KZ1X | WW0E | K1YQ | G0FWX | AD0K | K9TRV |
| N3AIU | WW5RC | | | | |

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|------------|------------|------------|------------|------------|------------|
| KJ8N | WT3Q | WD4IXD | GI4OWA | EI9HX | IZ0FYW |
| KM4LS | | YB2TJV | IK4MHB | JA1RRA | JA6GIJ |
| KO9V | 178 | | IK4QJH | JA7NUM | JE6UWU |
| N2RR | DJ5DT | 176 | IZ1UKG | JE0HUR | K3DFL |
| N2TC | G3XLF | AJ4IM | JA1PLT | JE1BMJ | K6ME |
| N6DW | GM5YTT | BG8PA | JA1UBZ | K5PBR | K7CTV |
| NN6CH | HL4GIK | CU7AJ | JM3UAO | K9JDP | KJ4EX |
| SM7GXR | HS8KAY | DL2IAN | K0COP | KB8NTY | KK5ID |
| VK4ZP | I8HAK | DL6ZBN | K0KM | N6RVI | KL7KK |
| W0GXA | IZ4COT | EI3CTB | K7DD | N8IK | KL7NW |
| W4JDS | JA2LMY | F6DWX | K9DUR | NH6T | N1HO |
| W6NUC | JK6MXY | G0OSK | KD1AB | VU2AE | N6AJR |
| W7DRM | K3ZK | HB9CPS | LP1H | W0YJT | N6NBB |
| WA9IVH | K4FW | IT9YOZ | N5JEY | W4HY | VA3UU |
| WB3JNC | K4ODL | IV3CJT | N9NB | W7GTF | VE7NY |
| YB1AQD | N0AX | IZ2MHT | VA3OKG | W7KKC | VK7ZE |
| | N0LD | IZ3DBA | VK4CC | W8NP | W6FUV |
| 179 | N9EA | JA1DGC | VU2XE | W8ZR | W9LX |
| 7J1YAD | NC6RJ | JF2RSF | W0MA | | |
| CT3KY | NO0B | K2ZD | W6DOE | 171 | 169 |
| DF5BX | OM6CI | K7TQ | | AA9XA | 7K4OIV |
| DL6FCB | VE2AXO | K8FB | 173 | IZ1JIZ | CT7ANG |
| DL6NW | W4DSM | KC6ZBE | 5T5PA | JA0GZZ | DS4GQR |
| DM3CW | W6OU | KF5BA | AD7XG | JG3KMT | EI7GY |
| HL1MKT | XE1GZU | KM4A | AF3K | K8PGJ | F5HRH |
| JA0BES | | N3COB | AG4TO | KD4CM | G1TDN |
| JK2IZR | 177 | N4QM | AI6O | KD4EUH | G4NBS |
| K1DPB | AA4RX | N5FEE | IZ0OTV | KN4OK | JA4PYJ |
| K4EZY | AB4FH | NZ5F | JA1DZN | KU4BL | JA9HIZ |
| K5AX | G4DDL | UA4Q | K1EDG | N1XL | JE1RRK |
| K7LFY | HB9DTE | XE1NW | K1JKR | N4EK | JH9AUB |
| KF2ZQ | HL5NBM | YO8PS | K4JUJ | N8TFD | K0MS |
| M0NGN | HL5YI | | K4OP | N9APK | K2RI |
| MM0DXH | IU4AZC | 175 | K5GZR | PA3ACA | K4BNF |
| N1YX | IV3EHH | AC9X | KR7X | RT2O | K5FXB |
| N3PPH | J68HZ | DK2GP | N4QOG | SA3ARL | K7IA |
| N4ASX | JA3TYB | IK5BSC | N4WD | VU2MUD | LU5OM |
| N4QVM | JA6SUY | JR9XRO | N5OP | VU3DJQ | N0SFF |
| N4WOT | K1GND | K4RM | N5QQ | W6QO | N3YZ |
| N6RC | K2JGL | KC1ERO | OH3PYY | WA8LRW | N6NKT |
| N9MSG | K4KSV | KI0KN | ON6LY | WA9DU | W4SKW |
| NN4K | K9AQ | N0TA | OV2B | WB8RFB | W6VIO |
| OV5O | KA1VT | PY2FUL | SP9IZV | WU1U | WA7IHN |
| PY3IT | LA4C | PY5DK | UA3EAY | | WB5KSD |
| SV7CUD | N7UG | W6ZL | W4EJG | 170 | XE1ZW |
| VE3KKB | NA0N | W8QXR | WA2IKL | 4F1OZ | YY4DNN |
| VU2MSA | V31MD | WA2ALY | YB9BU | AI6A | |
| W1JK | W1HQ | XE1GLL | YC6JRT | DL1SWN | 168 |
| W2MKW | W2PSU | XE1V | | DS4BHW | 6K5REL |
| W4WNT | W3HKK | | 172 | EA3NG | AD5W |
| WA8EFK | W4ZAO | 174 | 9H1AE | FM5FJ | BD4SX |
| WB8EKG | W5HNK | AE0Q | DL5ZB | HB9MXY | DS3EXT |
| WB9ZNZ | WB9B | DL2AMD | DS4CNB | IK6BMU | HB9HHH |

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| HL1ORP | 166 | WB2JFP | SM2YIP | AE4VJ | KB2TGU |
| IK2BBU | 7Z1HL | WK2H | VR2CO | G4WGE | N1GNB |
| IZ0RPS | AB1QP | WP3C | VU2TMP | IT9KWF | N2MFT |
| JE7KQU | AC7JM | WQ5O | W3EH | IW3IE | N7CQQ |
| JH2QFY | AE4S | WX3P | W4WIV | IW8CGX | N7YQ |
| JK1AKA | AE7U | 164 | W6JJW | JA0DOW | N9OI |
| JN3XEZ | DD9WL | 5P5Q | WA4UWD | JA1PS | NA7RH |
| K4LCP | DJ5IW | A92IO | WJ1B | JA2AYP | OZ1BII |
| K8ZH | EI2II | AI8P | WU8T | JJ0FTX | RW3QHN |
| KS2G | HL5BUV | DK1NAL | XE2AD | JO4JDU | TA1PB |
| KW1X | JA1CCG | F5VML | 162 | K0AIZ | W5SG |
| KX7YT | JA6PNA | G0KJP | AA6XV | K0RAR | W9GFB |
| N4DJ | JO1SIM | JA2CKK | AC7ZG | K0XE | WB5P |
| N9RE | K0BOG | JH5CKV | AC9GK | K4HEB | WF4W |
| NA5J | K8CR | K0KV | DS2KLF | K5WDW | 159 |
| NH6L | KB4FXE | K3PIN | DS5KJR | K6WAP | AD5CA |
| SV2DSJ | KQ4I | K7ORK | JA2HOL | K9IZT | DL4ZAB |
| SV4FFL | LA8ZAA | K7WTG | JF7NNI | KA4H | DL9SAD |
| W3MRL | N4KM | KB5GA | JI5RPT | KA6T | DS2AXU |
| W5TFV | N7FF | KJ2U | K0FJ | KB8DID | EI4GNB |
| WB9TFH | ON5GF | N0UCR | K3LA | KC5RR | G3YFE |
| XE2YWH | SV3KH | N1ND | K5SES | KI0HA | JE4KCN |
| 167 | W1ZZ | N1NT5EE | K6UJ | KK6BT | JG5DHX |
| AE5LK | WA2PNI | WA6DBC | K7BWC | N2ZR | JH1AWJ |
| CU2BV | WA5PFJ | WB2UFF | K8CMO | N6FS | JK1SPQ |
| CX1FK | WB6FWS | 163 | K8FG | N7ZT | K0IIR |
| DO5SB | WD4OHD | AC0TP | K8FT | NF4J | K3UW |
| EI5GM | ZL2LW | CT2GZE | K8MN | NG4C | KC1RET |
| IK0SHH | 165 | DD9WG | K9AAN | RW6MBC | KC2STA |
| IK8PGE | 7L2PDJ | DO2MS | KA8QKY | TF3JB | KP4AZ |
| IZ0GKB | DS5UCP | DS5JMG | KD5ZD | VK3EUZ | N3CW |
| IZ0GVZ | G4CWD | E29TGW | KE4YOG | W0TLX | N8MSA |
| IZ8DEO | G4GEE | EI6HB | KG4OJT | W5TUF | N8PE |
| K2RNY | JA0UMV | HS3LSE | N3PV | WG2Y | NE6V |
| K5RA | JE6PJP | IT9CLU | N6EHA | WI4R | NJ1Q |
| KA1BQP | JN7DIY | IW9FRA | N6GL | WJ8Y | NS1L |
| KX6C | JS1MRA | JE7MUA | NJ4V | ZL4QJ | NY2L |
| KZ5DX | K2GW | K3DQB | SV3GLL | 160 | OZ6TL |
| N7VZ | K7DS | K5KDX | UA4HAD | AC7CZ | PY1NS |
| NT5O | K7HPH | K7GT | VK5PAS | DM6MA | SM5BEU |
| ON5EQ | K8TS | K7UPJ | VR2CC | EA1ET | SP3EPG |
| PV8ABC | K9AAA | KO0Z | W1GOU | EA3GCT | W0XE |
| RM4C | K9JIG | KX7L | W2BZY | EA5HZZ | W8PAT |
| RW4NJ | N5TU | LB5GI | W3NRJ | EA7ANV | W9MMZ |
| VU2DED | N7NF | N0OP | W5GML | EI8JX | WU4B |
| W2CS | NC7B | N5RN | WA4TMJ | G0KRL | WW5L |
| W4PGM | NY4G | N9ATF | WB5UFR | IZ8LMA | 158 |
| W7FYW | VA3XQ | N9JF | WF2B | JA1CPN | DL5HU |
| W8PC | VK2GR | NE1RD | WX4TM | JA9KA | G8BCG |
| WB3AVD | W5AAJ | NF4L | 161 | JH8FIH | IU1RLJ |
| | W9RB | R3AQ | AB4BJ | K4NTO | JA7FKW |
| | WA1LAD | | | K8OS | |

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|------------|------------|------------|------------|------------|------------|
| JK1NPH | WN7L | PU4MMZ | JH1APZ | W9CLA | JA5OP |
| JL1ANP | | PY2BT | JL1KFR | WB2RHM | JE7OEC |
| JP1PZE | 156 | R2ARR | JN3QNG | WB4KZW | JN1WHW |
| JR1LZK | AC6AA | VE2JM | K4NLL | WB4UBS | JR7CDI |
| JR5KQF | CT7ABD | W0TG | K5DXR | WY0A | K0MB |
| K0ARM | JE2DOD | W3UTD | KE2M | | K3EE |
| K4NI | JE6HCL | W9LU | KI0RH | 151 | K7PVT |
| K6CW | JR7FYD | W9LYN | KS0Y | 9M8DEN | KG2U |
| K6EV | K5ADI | WA1HXH | M0PCB | HS1FVL | KJ8O |
| N6AKI | KA4IZN | WA3PAK | N1SHM | IK7XNF | N4KEB |
| N7AU | KC8RPV | YB2IQ | NA4C | IZ8EYN | NZ4CW |
| N8YQX | KD9ZR | | NI4Y | IZ8GCP | PV8AAS |
| NC6K | KE3VV | 154 | SQ2AF | JA0NPQ | RA5C |
| NN5O | KE9UA | DL3BUE | TA1CQ | JA1ISJ | W0PPA |
| OH2CLX | KJ4KVC | DS2GWM | VU3RGB | JA9EJG | WA2HIP |
| TA3J | KN5L | EA5DPL | W4ARK | JE1TNL | WA6AEE |
| VE3FAC | KY0Q | HB9FAQ | W6IA | JH2BKA | WA7ZXD |
| VE3TMG | N2SG | HL2MHU | W9EBO | JS3OSI | YB4CHP |
| W2MW | N3ER | HP3TA | W9ZP | K5RQ | |
| W6ELI | NG9J | JN1SUT | | KB7HDX | 149 |
| W7XE | OH7HM | K1RE | 152 | KM4QM | AI4WW |
| W9DKC | SM1NJC | K2JLD | 7N2OKM | KM8V | DK5WN |
| WA9LJK | V31CQ | K2YSY | AC8TO | KN0R | DL7AA |
| WB2P | W3KHG | K3RWN | AD4QS | KP4ED | EA5LV |
| WB4PWZ | W9LCQ | K4TMG | EA3AGY | KQ6K | EI8IQ |
| WX2CX | WA3WOM | K4WM | JA8KFR | KX4I | EW4DX |
| | WC9C | KC4DM | JF3AHI | N3MX | HS1JNB |
| 157 | WU9D | KI6VC | JG1GCO | N6TR | K0UD |
| AA2VG | YB1ALL | KT0F | JH1ROJ | NK4R | K3IZ |
| AE0MO | | N1BOB | JH7MKB | NK5Z | KE7BMG |
| CT1DMC | 155 | N1GFV | JH7UYN | RA9SAS | M0AQM |
| G0THF | AC8MR | N6ETO | JJ1JRH | SM0XG | N1BZ |
| JA1BDF | AE5RI | N9AVC | JS2IYY | SP5UFK | N3GTG |
| JF2AIJ | HA8UT | NO0L | K1ING | SV2ESW | N4JRG |
| JH4GNE | IZ2CSX | NY7T | K1RY | VK2BYI | N5QJ |
| K1QN | JA2SKB | NZ6N | K3UT | WB0CHS | NA6XX |
| K2FJ | JA6JYM | OZ9GA | K4BBH | WB2JSM | NN0K |
| KB4KA | JH1LZU | PF7M | K7LOL | WB9UQE | NR5O |
| KB7DT | JR3HZW | UX4UM | KB5RD | WC2W | VA2EU |
| KD4EE | K0XM | W5LJD | KV8P | YB2BNN | VA3RKO |
| KU4A | K1IG | W7IMU | KX5M | | VE3CKG |
| SM6WQB | K2IE | W8EOG | N0TR | 150 | VR2PM |
| SM7WVZ | K3OK | W8VK | N5RA | AD4XV | W6FC |
| SV9FBK | K6DLB | WA3YZD | N8KU | AF6F | W9FML |
| TA7AZC | KA2F | WL7OU | NJ6W | DB4RG | WF5K |
| UR5EIT | KC1UX | WY2U | NJ9C | EA5HB | WN1M |
| VE7ACN | KC2RDW | | NU1T | EI9CN | |
| W0NFL | KH7T | 153 | NW3U | F1BFD | 148 |
| W2YWC | KS4XQ | AA4H | PY2GTA | HB9CA | AA8MA |
| W4AFB | N1FOJ | CE1UGE | PY3ED | IK2SYK | AJ4VE |
| W7LWI | N8JK | E73D | W1CDC | IN3FCK | DL7BO |
| W7TG | N8ZFM | G0MTQ | W4PBU | IZ2GNQ | G3YEC |
| WC4V | NO3U | JF1XMP | W6NS | IZ7QSS | G8GFF |

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| IK7WUJ | N4DJT | DS4AEN | HS5SRH | W4MOT | KA9JCP |
| IT9IPQ | N4EDT | DS4DRT | IZ3AYS | W9HT | KB1CQ |
| IV3ZCS | N8BK | EA1MV | JA2RP | WV0Q | KB4CP |
| JE4WOK | NC4S | EA5VQ | JH4VDP | YE1AAH | KB5NJD |
| K3NC | NG4DX | EI3HA | JR1KBJ | YL7X | KC9WPS |
| N0ATQ | OE6VHF | I0BJV | K1ETA | | KK4MA |
| N8AID | ON7RK | IK1PFE | K3JM | 141 | MW2I |
| NC1M | SP6ZT | IZ7QFN | K4VAC | 7M3IYU | N0RRG |
| NC3O | TA2J | JA3WVQ | KE7AUB | F8DYD | N3IQ |
| NK7Z | TF3T | JA8IAF | KJ4QDZ | G0WOU | N3TTT |
| RA0ALM | VA6SP | JE3USO | KM4CQG | G4FVZ | N8DE |
| W0NF | W0UHL | JH1VWP | KM5GD | GM0SCA | N9ETH |
| W4EB | W4BAI | JO1VRV | N2KOF | GW0TKX | NR5R |
| W6JK | W5UJ | K2KN | N2YF | IS0/YO3RA | OZ9U |
| W9FF | W6TE | K4AEH | N4JOW | JA1CPU | VE7BZ |
| WA2VQF | W7WHB | K5KND | N4LSJ | K5GDY | VK3MB |
| | | K6HRT | N4UW | K6ELE | W6KNB |
| 147 | 145 | K6OJ | NC4RY | K8PTT | ZS6HON |
| AD4IE | AG1T | K7GA | NZ4DX | KE3ZT | |
| BX4AG | AI4EY | KD5RBU | SM0PSO | KK7X | 139 |
| EI3ISB | AK5Y | KI0G | W2BZR | N2JNE | AB4U |
| G0UJ | DL6LZM | KJ4FZ | W3DAD | N8LAS | AB8M |
| HA0DD | DS5SWL | KS6A | W4CC | NR0Q | AE5FM |
| JH1EGT | EA5AX | LA5HPA | W4LLP | RM6LW | DJ4SO |
| JL2ULM | EW7BR | N4BRF | W5YKU | VE1AOE | EA1FF |
| JR4OTP | IK5TBK | N4CW | | VE3EDY | EI9GLB |
| K2RKJ | IW7DMH | N5SV | 142 | W3MNE | GW0KRL |
| KC3AK | JA7JAA | N9WK | AA3NJ | W4GKM | HA1AC |
| N4AWU | JE2FUP | NU6T | AA5B | W5PD | JA1DHY |
| NK7I | JG1RWM | R6AZ | DJ0AH | WW3A | JM1EKM |
| NS7V | JG8TQL | RA6XV | EI5GSB | YL3GDM | JR1HYA |
| ON6YH | JJ1IZS | VE2LX | F2AR | | K4NNQ |
| SM7CZL | JK1JHB | VR2IL | I6NO | 140 | KB8ZUN |
| TA1HZ | JR1AUK | W5GOL | IZ2BVN | 5W1SA | KW8I |
| VU2SGW | K1UQT | W7FI | JA1TBX | DS1NEI | N0AZZ |
| W1NR | K4ZMV | W8JE | JF1UOW | G0HIO | N3FX |
| | KB3KJ | W8WOJ | K0FA | G3RZP | N8LRG |
| 146 | KX1X | W9DGI | K2YEH | G4VWI | NW2I |
| 5A1A | LA5EKA | W9FX | KA5JSM | HG6IA | OH5NG |
| 9V1PW | N1CWR | WB8QZM | KF6I | HS7WMU | SM4JSF |
| A71XX | N4EL | WB9WHQ | KR7RK | I0ZY | W0QL |
| AP2IA | N4GOA | WJ5K | LA9KY | IK7XGH | W1MRH |
| EA7JW | N9ATD | WS4WW | N1JG | JA0DVE | W1VE |
| IK0XKP | N9NFT | YB8HZ | N1ZP | JA3PYC | W5GCX |
| JA3FRI | W3LWH | YB9AY | NS0M | JE3AZY | W5GT |
| JA7ANQ | W4KCM | YE1AR | NT4K | JG1OIY | WA2NBG |
| JH9FCP | WB0DHB | YO4AUP | PU2GTA | JH0UUY | WA2VJL |
| K2ITT | XE1ACA | YO6HSU | PY2BBQ | JK7QJK | WD1Z |
| K4GM | YO2ADQ | ZS2ACP | TA1UT | K1FUG | |
| K5MDX | | ZS4JAN | UN5C | K4HYJ | 138 |
| KG4URP | 144 | | VU2OY | K7ULS | AA4MF |
| LA2DS | DL1TPY | 143 | W3FQE | K8WVA | AB7ZU |
| N1BKB | DL2RUG | CX4AT | W3GP | KA9JAC | DB2WD |

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| DD0VE | NO2C | JN1LTZ | GM4AUP | KK4ODQ | JM4VCB |
| EA3AGZ | PU1KGG | JO3EVM | HC1HN | KV1P | JR0QKR |
| G4RGK | PV8RR | K3IRV | JA7AYE | N2CJN | K4JRA |
| JF2MMJ | PY2YW | K4LW | JA7GFI | N7GTE | K5BUD |
| K0IYA | SV3EXP | K6BY | K2KNB | N8TEM | K6OWL |
| K6DEX | UA0AV | K7WT | K4BYN | OH8NV | K7UW |
| K8CJY | VE3GLA | K8BB | K6IRD | OZ6DX | KB4HAH |
| K9NX | VU2OT | KA5SYP | K8LE | YO7DAA | KH6P |
| KC8IVC | W2GHD | N2YU | K9UC | | KI4NSP |
| KM6KO | W6YW | N5FPW | KB8KIM | 131 | KN9N |
| KT0NY | W8PE | N9BT | KC2NJ | AA3FC | N1WC |
| LA4RT | WA6WPG | PB7XYL | KC8YG | AB1NS | N4KZ |
| N9ARX | WB5IUU | SP3IK | KF9LI | DL8UAT | N4PAJ |
| NN4EE | YB1SKR | VE7UM | KI8AE | EA4ESI | NA9L |
| NQ4A | | W0TF | N0GVK | JA1PFP | TF1A |
| NS0D | 136 | W9CC | N5CR | JA5CVG | W4AG |
| SM3LBP | AC8IL | WA8LE | NC8I | JH1LMQ | W7PC |
| SP5AMN | AD6G | YB0IR | NO2EL | JM3XHD | W7QF |
| VE3XK | EC4KW | YC0IEM | PY3FOX | JM7SKE | W9IAL |
| VU2BQN | F5LCU | YV5TX | PY5XH | JO3GZH | WF3M |
| W6LUC | F5VKT | | PY6TS | K3HPA | WO3T |
| W8EH | G0MMI | 134 | S57NML | K3OQ | |
| WI2E | IV3EFE | AB3TM | SM0KCR | K9MV | 129 |
| WJ6Y | IW1GEU | AD7HE | SP8TDV | KB1AWM | 2E0XAR |
| WW1WW | JA0ADY | AF9W | VE7YBH | KJ4BIX | 7L4FSR |
| XE1RP | JA8CYU | DB9CR | W2HUV | LA7QI | AA2T |
| | JR3OYH | DL2NAI | W4QA | N0PSJ | AA3GM |
| 137 | K0AD | G0KHO | W4QJ | N1TQ | AB8YZ |
| AB8OU | K8TVD | HB9DPO | W6DHH | N2MTG | AI5EG |
| AB9BH | KA0IQT | HZ1TL | W8JY | N9FDE | DD0VU |
| AK0A | KE1AU | JA1WTO | WB2MKX | NJ8J | DL8XDA |
| DL6ZNG | KE1IU | JF1WRV | WB6CJT | OV7B | DS4PAH |
| DL9KSM | KS8W | JI4UEN | WI0E | RU3DVR | EI/W5GN |
| IS0BQE | LB8OH | JL1JJD | WI9R | VK2HV | EW1TO |
| JF1FSW | N0IRM | K0VG | WW3QB | W1GWN | GM6NX |
| JH0JVA | N2EI | K5HX | YB0VB | W6GEE | HB9GZE |
| JH9CEN | N4LS | KC1XX | YB1BUL | W6WVW | JA1QFX |
| JK1PIU | N7HCJ | KG8OU | | W9CTJ | JA7HYE |
| K2TA | NM2D | KN6Y | 132 | WM4W | JH8DEH |
| K3FS | OE8XBH | N1DNZ | DL1MEV | WW6W | JJ1EPD |
| K5MMH | PA3AIN | N6NPG | DL2PR | YC1FGO | JS1ERB |
| K7YMG | W2PD | N6VWF | DS3DNT | YO5OBA | K0RX |
| K8RMC | W3CL | N7WEJ | DU1UGZ | | K4NKT |
| K8VJG | WA7AJ | NY2KW | EA4M | 130 | K4RSA |
| KF7PBM | YB2VYY | VR2ZXP | F6ARS | AA2WN | K5VUU |
| KI0I | | W8FDV | HB9AZO | DG1SGW | K6IJ |
| LB8CA | 135 | WB8TRW | HB9BEP | F5AYZ | KA1EKR |
| N1UZ | AA4WX | | JA5BZL | FM5DN | KG6DX |
| N3DD | DF9TW | 133 | JF1AZQ | IV3PBZ | LA9JKA |
| N5ZY | IU8GNY | 6K2ILX | JG1RYQ | IW1CAB | N6OI |
| N6DSC | JA1JYS | AJ6X | JH3PTC | IW2FLB | N9KO |
| N6MI | JI1AYF | DL1TKB | JK1PWQ | JA1BJI | NC6DX |
| NJ2DX | JI1FXS | EI5FQB | K4SAW | JA9BSL | ND4Q |

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|------------|------------|------------|------------|------------|------------|
| NT7MM | K9KJ | OH3DP | YB8EL | JA1IWP | VE3KY |
| OZ2TF | KC0V | RV3YM | YB8FL | JA2JVK | VE3MIS |
| OZ7BQ | KD2NF | VE7YY | YC3TSJ | JA5EEU | VK9VKL |
| W1JMA | M0VCB | VR2VGM | YC6EI | JG0HEW | W7AVA |
| W2ZK | N2QLT | VY2RU | YU1LD | JK8VMB | W8GBH |
| W3FQ | N6JZ | W3ATV | | JR7ASO | WA2AOG |
| W6VFA | N7BIP | W4JTP | 124 | K1KOB | WA8KNE |
| WA1UZO | NI0R | W6DOJ | 9H1AZ | K1LU | WB8TGY |
| WB2BXO | NU4L | WA2BKN | DB3KE | K6LJC | WN7T |
| WB5TOI | PP5VA | WA5VSK | DL2DCX | K7SO | YB0AI |
| WB8IMY | R2DG | WY4Q | G0UGO | K9CHP | YV2FEQ |
| YB6LAY | SM4BNZ | | IZ1EPM | KA1SAW | |
| ZL2DD | UR4CW | 125 | JA2DCN | KD9AC | 121 |
| | VA2SS | AC2QH | JA2XN | KD9BIE | AA4MD |
| 128 | VA3VF | AI3Q | K0ASA | KF4GW | F8DZY |
| AC4FZ | W9NC | DL9QJ | K4AEN | KW7N | G4EHT |
| AE6RR | WA3PBL | F8GB | K4ZZR | M0IFT | HB9TJG |
| AF6WU | WC7WB | HB9ARK | K6RNK | N1CDO | HC1E |
| AH7G | WN5TL | HC1HC | K9TVG | N4BCD | IK2HLM |
| AK0BC | WR5G | IK2BGT | KL7XD | N5RMS | IZ4GOL |
| JA2QCX | YB0NSI | IZ1BZS | KV5Y | OZ8RH | JA1NZJ |
| K3JMH | | JA1RBY | KZ5JEF | R7CD | JF2OHQ |
| K4TTZ | 126 | JA3EYO | LU3XX | RV3A | JN3VQM |
| K8NIA | AB1JV | JH3FCF | MM1PTT | W0ARW | K4JRK |
| K8VE | AB9LF | JI4WHS | N0VTZ | W0QKL | K4KZ |
| KK6M | AC4WD | JJ1IDW | N3DAP | W9FY | K4MZE |
| KQ4R | AD4YQ | JJ1XVA | N5GD | WA1KXV | K7LVJ |
| LU8XW | AF8P | K0FTC | N6VHF | WA6MRK | KB7ZUT |
| UT9LC | HB9BWE | K2EN | N7QS | XE2JFP | KS0JD |
| VE3ZRB | HB9LEI | K6ETM | NJ2X | YO2AOB | N1TQP |
| VO1AU | JA2EAB | K9OHI | NN9X | ZR6GR | N8WK |
| W6BSY | JH7UCD | K9OZ | SM3WU | ZS6NK | OH3KRH |
| W8WFN | JI1CAZ | KC1CAB | SV1EOS | | OH8GBT |
| WV1K | JJ1QJP | KN4WOJ | VU2YVK | 122 | W1TW |
| | K1YA | KP4P | W1BX | AA8DC | W4EW |
| 127 | K2DE | N2PK | W2ECK | AB0S | W6RD |
| AC6FU | K2KJ | N2SO | W3NF | AB2NI | W8NT |
| AK4AO | K3NO | N4OWG | W4NEZ | AC8AZ | |
| EC7WR | K4MQL | ND0B | W4TNH | EA3DNC | 120 |
| EI2HZB | K4VW | NN7NN | W7GTO | HC2PY | 7K3NHT |
| F8DHE | K4WSW | SM4AMJ | W9LA | HS4BPQ | 7L1XXM |
| G0IFC | K5EA | W0PY | W9LR | JK1CEK | 9A6AJ |
| HB9MZI | KA1WIF | W2KN | WA6BOB | K0SQS | AK1P |
| IZ5IMB | KC1SQ | W4OWY | WB6PJC | K3TUF | AK6DV |
| JA1EMK | KD4BPZ | W7UV | YB8HI | K4BS | EA3AV |
| JE6DNN | KF6ILA | W9COS | YC2VVD | K4MTT | EI4GJB |
| JF1SPT | KK7GO | WA0TML | | K9YKL | EI4HQ |
| JI6BEN | KN1CBR | WA4KSO | 123 | KA1CTL | HB9IY |
| JN1XQS | N1AH | WB6POT | AA9SI | KN0A | HK4KM |
| JO1GRR | N9VPV | WB9AZA | AB0MV | KO6XI | HZ1XB |
| K3LAB | NK4K | WB9G | AI1W | KP4DDY | IK2HKN |
| K6VMV | NK5K | WU6K | F8EZE | N5UWY | IZ1QLT |
| K8TLC | NT8V | YB2ERL | JA1GWA | PY2HN | JA2CYL |

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|------------|------------|------------|------------|------------|------------|
| JA6WFM | JA1DEQ | N1KM | VE4HQ | BA3CE | KG8CZ |
| JL3AMK | JA1ECU | N6DKZ | VE7SO | C31MF | LA2XNA |
| JN3MXT | JA1VW | N8TT | W2OIL | CT1EFL | LA7IM |
| K2AK | JG3RXZ | PV8AJ | W9WGN | F5LMI | MI0DWE |
| K4ZIW | JH1QDF | PY2MTV | WA0LJM | G0BPK | N0JX |
| K5HM | JI1STU | UA1TGQ | WA6OWM | G0RPM | N4MWY |
| K5WRE | JR4CTF | VU2RCT | YB1DCW | HI7SB | N5PD |
| K6JBH | K0JDD | W1IAN | | IZ0SPA | N8BI |
| K7KMR | K2KYH | W4FDS | 116 | IZ0UME | N8ERL |
| K8IG | K2UNI | W7GOY | 7Z1TT | IZ1XBB | N8HM |
| KA4AHU | K7EUG | W8WTS | DC1TK | JA5GOJ | N9DFD |
| KF5ER | KC5LT | W9TO | DQ4Q | JA6JSY | NJ4Z |
| KG5NP | KL1V | WB2AIV | DS3BBC | JG1LFF | NZ1I |
| KH6DX | LA8OKA | XE2ML | F5RZJ | JG1RET | NZ3M |
| KJ2AM | N0JR | ZL3RIK | G3VDB | JH2BTM | OH4KRN |
| KL7GY | N0TNJ | ZR6DX | HI8S | JJ0WAJ | R7NA |
| KM4AF | N3HO | | JA1RYC | K0YA | SM4RGD |
| KM4ODS | N6UOZ | 117 | JA5BKR | K2CQW | UX5HY |
| KO9A | N7ENN | 3C3CA | JA9GFA | K4KO | VE3VTG |
| KP4RAT | PP2FN | AD7AF | JE3BFV | K7WLX | W3WKR |
| KT6VV | SP1NEN | AK9L | JF1MAD | KE7GI | WB6UIA |
| LA8FNA | UN7ZO | CE1AT | K1AFC | KQ6X | WD0AJG |
| N5DEE | VK4SDD | DL9JM | K7HRT | N1IN | WN9A |
| N7PR | VU2MB | DO9LX | K7SX | N4PHH | WU6W |
| NK5G | W0VU | DS5HVJ | K8ZEE | N4XAT | XE1ZTW |
| NL8F | W4CU | EW8AX | KB0TFT | N6BHX | YB1HK |
| PY3CJS | W8RSJ | G0JDC | KF7RO | N8AJN | YV4EH |
| VE3DRZ | WB4JPG | G5CL | KP3X | N9XG | |
| W1UN | | G8GNI | KP4EJ | NB9Q | 113 |
| W2FDM | 118 | HB0RER | N1OS | PV8BR | 6K5XZE |
| W2QQ | 7K2BWG | HC1JQ | N4PF | UX5XK | DP9Z |
| W3WN | 7K3TFX | JH2BLM | N5LKE | VA2GA | EI3GV |
| W4GWL | 7N4GIB | JS1BKR | N8CH | W1LBC | G4BGW |
| W9IXD | AD9I | K6RI | N9NBC | W4TIJ | GM4KHE |
| W9KM | E21IZC | K9JY | NQ4K | W8TJM | HB9ARI |
| W9MB | EA8TZ | KA9TOX | R0CY | W8WG | IU4BIP |
| WA8KHP | F6JSZ | KC8KEF | TF3DT | W9OVQ | JA1DBG |
| WD4GZW | IV3XWD | KL7AC | VK3YR | WA4RYW | JA1FRQ |
| WV2N | JA0PZJ | KM7OH | W4MIR | YB0JVZ | JE6JAO |
| XE1SAX | JA1XMT | KW4SW | W5MZX | YL2UI | JH1GNU |
| ZS6AKU | JA2IFW | KX5U | W6DQ | | JR2CCH |
| | JA7OAO | N1EDN | WA3GOS | 114 | K1PU |
| 119 | JH1BCS | N4UY | WA3MH | 3D2KM | K3GP |
| 9A3LYL | JI8BRZ | N6AJ | WA4HXC | AE2DX | K4HDW |
| 9A5SSS | JJ0FVP | NH7U | WB3EVL | AK0DX | K5VSD |
| DC3RJ | JR3CVJ | OE2IJL | WB6SZC | IZ5OPU | K7CV |
| EA4GQS | K0HW | OE9DGV | XQ7UP | JA3MAT | KE0X |
| G3NML | K5HW | OH1TSM | YC0OXG | JA6EMA | KE6U |
| G4NAQ | K6ZED | PA0QRB | YC1CWK | JA9ALR | KF8QL |
| HI3I | KC9QQ | PY2ALC | YE2C | K3IFL | KH6AT |
| HL0O | KW3F | SV1QXU | | KA0VXK | KJ5RC |
| IK0YKM | LU2MCX | SY1BFI | 115 | KC2TN | KL7QW |
| IZ1YUH | N0MHL | VA5LF | AB6WQ | KF4GRA | KV3W |

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|------------|------------|------------|------------|------------|--------|
| KV5Q | N4JJS | PG5V | WA4RTE | ZP9EH | AB4PP |
| KY6J | N5QZ | VK7LUV | WB3FHU | | AC9DX |
| LZ1JP | NG4P | VU2IT | WK3A | 108 | BD7IBN |
| N1TA | NJ1H | VU2RMS | WM4R | 4I1AWM | C93PA |
| N4FNB | NW2M | W1GS | WU5E | AD7OV | D44PM |
| N4KFT | OK1EY | W4EY | YB1FWO | DL8JJ | DJ0RD |
| N6OPR | PY2RDZ | W4KTR | YB6HAI | EI4DQ | DK7GH |
| N6TQS | TC100TC | W5ADH | YB8EXL | HL4CKT | DS2GBP |
| N8URE | VA7RN | W8DSN | | JA3FAY | DS4OMS |
| NN4RR | VK2DAG | WD9IOK | 109 | JA6HOR | EA5GDY |
| OH4NVX | W0ZY | WP4CQ | A61DJ | JG3LDD | EI5EV |
| PG0S | W2NGC | YB0NDT | AF5I | JK7UST | EI5IF |
| PV8RF | W5JDF | | DD9HK | K2QQ | HS0ACS |
| R3FP | W8HF | 110 | DS3DGA | K3DRE | IV3GCH |
| SA7CJO | W9IE | BD4QH | EI7JN | K3TXW | JA1KZP |
| SV7BVM | W9RLL | BG5CNL | G0VJG | K4AFE | JA2YIP |
| W1FYI | WV2M | DB6VH | IK7NXU | K4KYN | JG5UWK |
| W3FE | YB8MOB | DH0SP | IW8AWZ | K4PWS | JI3WBB |
| W5TZX | ZL2MM | DJ0CL | JA4NIM | K4WJ | JN7CPW |
| W7KHZ | | DK1MCS | JH8TOW | K6MYC | JS1OZS |
| W9KXQ | 111 | DO1HGS | JK1VSL | K9KJS | K0HCV |
| WB9YJE | 4F3OM | EC1AKI | JO1QZI | KC7CS | K2FD |
| WE8T | AC0WL | EI4IZB | JP1RLN | KI4CYB | K3SUK |
| WW6D | AD7U | F6FHZ | JR2FJC | KL7SB | K5LA |
| YB1JYL | DC2KN | G6MXL | JR7PVD/P | KO6N | K6ADY |
| YB5BOY | DH3NAW | GM3MZX | K0NO | LU4FTA | K6BXI |
| YC2EWZ | EA1NO | HB9HFM | K0XP | MM0LBX | K6JAD |
| | F1NZC | IU3PMA | K4MVM | N1CPL | K7JI |
| 112 | F4HAB | IZ7EDQ | KC4GFW | N2MN | K9LC |
| DD8BA | F4HZZ | JA1ESH | KD0KZE | N2YCH | K9MQ |
| DL4HCF | G0DTX | JA3VQW | KD6GC | N3OUC | KB5KKL |
| EC1AE | G4LRG | JJ2BLV | KE9V | N3XRU | KC5UES |
| F5PBL | G7CNF | JJ3OFL | KI4SFT | N5JED | KD1YV |
| HB9CXK | GW4EVX | JQ2MPJ | KR4PB | NA1RL | KE7PB |
| IS0BZR | JA2NXB | JR8ORC | KS7S | NJ9Q | KI3T |
| IU2LFP | JA3KE | JS2LPJ | N0EKM | NM4SH | KI4CBN |
| IZ4IRO | JE1FYV | K3IU | N1MIE | NV4C | KK7AC |
| JH1WPS | JF7RKV | KA9WAR | N2DUI | PA1CA | LU3DDH |
| K2PH | JH1IYY | KB9IFH | N3CAL | PY2EBD | N1SFE |
| K3RRR | JJ0AEB | KI4PG | N3STZ | SM7TZK | N5EI |
| K4KFH | K2RRB | KI8U | N5UKZ | TF3MH | N5VBK |
| K4ULA | K2ZSD | N2UFM | N6WHK | VE1GBD | N8XE |
| K6BF | K3RMB | N4CE | OE1PFC | VE2OCH | N9LOH |
| K8LH | K6JLL | N4EPD | PA0AKN | VE7KS | NT4W |
| K9EGS | K6VKO | N7ELB | R6AW | W0WT | OZ1KSN |
| KC1EO | K7FR | OH6IH | SO5AS | W9CP | PA1GYS |
| KC4ZA | KA9A | OZ1MAD | TF3G | WB8LEM | PA5X |
| KG4TAH | KR1B | PT8DX | WB4MM | YC0RI | SV2HNZ |
| KJ6YK | LA2ZW | SM0THU | WO8USA | | TG9AWS |
| KJ7NL | LA6JKA | T88UW | WR0U | 107 | UT5UML |
| KK9R | MM0MSS | VA3WEB | YD1BJJ | AA0FO | VA3DEF |
| LA2RE | N2IVN | W1ARY | YD7UFI | AA4GR | VE3NLS |
| N2XD | N2PL | W4EEY | ZL1IM | AA6Z | W0LGQ |

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| W0MRZ | WB8NUT | VE5UO | OZ5JQ | KJ7KOJ | JA3GNU |
| W1KQ | YB1TIA | W3JM | PU8WBD | KK4AMR | JA5CH |
| W7ACX | | W3MJ | PV8ADI | KK6MF | JF3KBX |
| W9ZJX | 105 | W4KFA | PV8CQ | KM6JD | JH1IHG |
| WA0CIE | 9M2CQC | W6FFH | PY2QA | KU8T | JH3GBS |
| WA9BD | AA1KS | W7AAA | SV8RMA | LA3ANA | JR1EMO |
| WB6PIH | AA1LS | W7HJ | TC2C | N1HT | JR6GV |
| WB8PKK | AC0DH | W9GWP | TG9AKH | N1XS | K1QF |
| WS9D | AE0DX | WK2E | W6DAS | N3MWQ | K2GLW |
| YB1LZ | AH6NF | YB9DE | W6FZA | N8MAS | K8WDN |
| YB2ECG | CE8EIO | | W8MX | N8XHF | K9VD |
| YO6BHN | DL2YBG | 104 | W9TVX | N9BD | KB2FMH |
| | DX3H | 5T2AI | WA2TIY | N9LPT | KC0VDY |
| 106 | EI9HQ | 7K1VKU | WB2GMY | N9YKE | KC9JCH |
| 9K2HM | EL2BG | 9A5MP | WD4IEK | NF6P | KC9LBO |
| AA7DK | F6AJM | AB1NE | WZ9W | NP2MR | KD0CIU |
| AA8HH | FM4LV | AC0XY | YB8ROP | NP4AA | KI4TG |
| AE4G | G3WPT | AJ5H | YD0OSU | OZ2BX | KN4NN |
| AG7T | G4XBL | BD7BW | YO2OXD | OZ5D | KR7LD |
| AI4FR | HL5JYS | EI4GK | ZS6S | PU2OIP | KT6LA |
| AI9T | JA1BF | EI7IG | | PU4ENY | KV5WS |
| DS2BSK | JA5UFD | G0AJH | 103 | RA3LD | KW4BY |
| G4FJK | JD1BLY | G0OJG | 7N4BAI | TF1AM | M0CNP |
| IW0GYC | JG3PMB | G4XXI | 9A5JV | VE3TPZ | M0PTZ |
| IZ8LLQ | JH0MJY | G7SQC | AG5ND | VK7AP | N1MGO |
| JE8RAH | JH1MYJ | IK5TTA | BV2NT | W0RMS | N4MTT |
| JF1CZQ | JR1WCS | JA6HPI | DL9CP | W3UI | N5MOC |
| JH9DNK | K0HIP | JH1REP | DM5TI | W3WTD | N6FB |
| JI6HXI | K0ITC | JJ0OAP | DS0IC | W4PM | N7NM |
| JI6OXK | K1MDA | JM1SOL | DU1/NF00 | W5BV | N8OYY |
| JL8LGW | K1XO | JQ2HJR | F5JWH | W5HPQ | N9AAA |
| JR1LLD | K2CDP | JS1LQI | G3YJQ | W6KF | NI0DX |
| KD2SY | K8HQ | K0OOK | GM4ELV | W7CWD | NJ4Q |
| KF6XA | KB5VNM | K0XU | HL2DNU | W7RRS | ON4KJR |
| KI5QQG | KD8KX | K1HC | IZ4AMS | WB4SGA | PA0RNH |
| KJ4SKO | KD8ZYD | K3ZI | IZ6CLN | WB5JHY | PU8YPL |
| KJ5T | KE8Y | K4VMT | IZ7HNO | | PY2WO |
| LU4HK | KG9EE | K7ADD | JA1DBO | 102 | PY3WW |
| M5LRO | KL7XO | KC3OPI | JA7PKV | 5H8HZ | SM6STI |
| N0HR | KP4SJ | KF4YXH | JK1AIA | AB9QU | SM7PNV |
| N0LZF | KV4QS | KG9Y | JO6MMQ | AK4I | SQ9DXT |
| N1EMC | LX2KD | KN7PF | JQ3TAN | DO3BOX | UA6LCN |
| N1KEZ | N0EUV | KO4MA | K1DM | DO7INT | UF2F/1 |
| N6WBL | N2YG | KZ4EX | K6GO | DS3FGV | UY5AR |
| NP3O | N3WL | LU9OZX | K7FRY | EA6/W3DM | VE3AXW |
| SM5TOG | N6CK | N0PO | KB1YO | ER5LL | VE3KKQ |
| SV1JMF | N7NW | N1RY | KB5HPL | F1OBJ | VE6RWC |
| VE3DS | N9MKC | N2XTT | KC4QYG | F5VIF | VE9TER |
| W2JAN | NE3I | N5QT | KC8LTL | G5HY | W2/JR1AQN |
| W4ETB | NK7L | N7IV | KD0L | HL2DAA | W2VU |
| W7ABC | OM4KW | NB8Q | KE0QPG | IZ4NHH | W3DHN |
| W7RTX | RG7A | NR5N | KE8GX | IZ8GEL | W3NJ |
| WA4BAN | SM0SHG | OK2PKY | KG4IYS | J62K | W4OEP |

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| WA4FXX | KK6VGE | AA1XO | K4CTL | PT2DF | YO3HEX |
| WA6NKM | KR4Q | AA6E | K4KZM | PY2TWI | ZS6TVB |
| WB6HVV | M0GVZ | AB4KJ | K4QXX | R9OSN | |
| WB8JAY | M0RTP | AB6RT | K4XZ | RA3UT | |
| WN5G | N1RCJ | AB8DD | K5PSN | RA6XB | |
| WW4CP | N3KKF | AD4KJ | K5YE | RW0LCN | |
| YC0OST | N3QVB | AE7DW | K7GLM | SM7HZK | |
| YE0TUR | N4CBS | AF6AV | K7TLP | SQ5WAF | |
| ZS6CR | N4IW | AI6LY | K7UWR | UA6CEY | |
| | N8HAM | BA1SN | K9EA | UN6GVA | |
| 101 | NE2U | CE3MRO | K9ZJ | VA3FU | |
| A41ZZ | NX6D | DG7YEO | KB0GT | VA7DZ | |
| A61ZX | OG2N | DH9DX | KB1ODO | VE2GT | |
| AC0ZM | OZ1GCT | DL5KLX | KB6IGK | VE4MAR | |
| AF7WM | OZ5VO | DS4EJA | KC2OSR | VK2IS | |
| AG2O | PC5F | DV1VHK | KC5CMX | VK3FNJ | |
| AI3H | PU3RTS | DV7A | KD1DT | VU2KWJ | |
| AI4X | RZ6MD | DW3CWM | KD8JSP | VU2XJ | |
| AK4PE | SM0LPO | EA3GOP | KE8NOA | W2CCW | |
| BH4UTT | SM6YEC | EA3ZD | KF2VX | W2PTP | |
| DG0OAT | UB1ADP | EI6GI | KF5TL | W2SEF | |
| DJ3GZ | VA3MAH | EU1VA | KF7CG | W3SW | |
| DL3XAC | VE3BGG | F5GSJ | KF7TLL | W4CRN | |
| DL5JH | VE7GEL | G0GFC | KI3F | W4WCD | |
| DM4EA | VU3NPI | G0NPE | KI4FW | W5DX | |
| DO4FZ | W0HMS | G1III | KQ4PK | W6OP | |
| EA5WP | W2GM | G3SEM | KT8TD | W7SMW | |
| G3TDH | W2SUB | G4HUN | KU4FP | W8BFT | |
| G4WWG | W4WRS | G7TPL | KZ3P | W8QW | |
| HZ1HN | W4YR | HB9CZF | LA8W | W9SWT | |
| IS0HXK | W5DWA | HB9EE | LU7FJO | WA4ASJ | |
| IZ3GJL | W7HO | HI8PLE/7 | MW0CPZ | WA4VSL | |
| JA1GQC | W7NEE | IZ0PMV | N0RA | WA5ICA | |
| JA1UTC | W7SEQ | JA0IJG | N2BZD | WA6BFW | |
| JA2NSH | W9HZ | JA1KPF | N2MAD | WA7SCH | |
| JA4JSL | WB0POH | JA7FDZ | N2MSF | WB0RXQ | |
| JG2HNC/P | WB5HJV | JE1NGI | N3GSE | WB4HMA | |
| JG3AOB | WM0G | JG1XBM | N3NVA | WB5DW | |
| JG5VFK | WQ2M | JG4OSI | N4DOU | WD4ETU | |
| JH2WDT | WT8X | JH1WHZ | N5LJL | WQ9F | |
| JM6NVD | WU2T | JH2IUV | N6ERD | WS7X | |
| K3MAW | XE1AO | JI1HSV | N6FM | WV4Y | |
| K4DXT | YB0KTT | JI2XLN | N7BU | YB0FLY | |
| K5WE | YB1KEL | JK1EZK | N8CEP | YB1ME | |
| K6BLG | YB8BRI | JP1KHY | N8FXH | YC0MAT | |
| K8DTF | YB8QT | JY5MM | NA3M | YC0RFS | |
| KA3CZY | YB9BEC | K0IDT | NG1R | YC1DOL | |
| KB3VHC | ZR2A | K0PG | NT8Z | YC2SBG | |
| KB9RNO | | K3JRR | NW5Q | YC4DON | |
| KD0ZZ | 100 | K3QB | OE7BJT | YD0DMS | |
| KD2RUY | 4I1EBC | K3TXT | ON7BS | YE4IJ | |
| KD4CJO | 9M2ADX | K4AAP | OZ9AAR | YE6YE | |
| KF9EX | 9V1XX | K4BNC | PR7AYE | YL3AMZ | |