

ARRL DXCC - 17 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 12 May 2026, 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 Digital 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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|---|---|---|---|---|
| 349 K4CIA SM3EVR | 345 4X4DK DF3GY DJ2BW* DJ6RX G3XTT G4BWP I4EAT* JA2KVD JA3FYC K4XO N0AT N1DG OH2BU PA3FQA W3YX | W3UR WB6RSE | JQ3DUE K1ST K8SIX K9NU K9QVB* N3XX N4KG* N8DX NN4T OK3GU R7LV SP7GAQ UA4CC VE3EJ VE3XN W0DJC W3LPL YU1FW | OK1MP* SM5CEU SM6CVX SP3EPK SP8NR UA3AB UT5UGR W9IXX |
| 348 G3KMA JA1UQP JA2VPO JA4DND K2TQC K8MFO N4WW OH1XX OZ1LO SM3NRY SP5EWY W1JR W1NG W4DR | 344 AA1V DJ2YA EA8AK IK1GPG JA2FBY JA5AUC JA5EXW JE2URF JH1GZE JH1RFR JH4UYB JR2KDN JR3IIR K3FN K4ZYU KF2O N2LT N4CC SM2GCCQ SP8AJK UT7QF VA3DX VE1YX W0BV | 343 CT1EEB DJ9ZB F6DAY I4AVG I4LCK JA0UUA JA1BK JA1HGY JA2JPA JA8EAT JH1OCC K0IEA K3UA K6YRA N6JV NR1R PE5T PY2XB RU3FM SM5DJZ* SP2FAX UA4HBW W8UVZ | 341 AA7A AD5A DF4PL DK5WL DL1AMQ DL7MAE EA4KD EA6SX IK8HJC JA2JW JA4DLP JI8DGO JR2LJO K4QL K4UTE K5NA* KU0A LU2NI LZ2DF N0XA N5ZM OE8HIK | 340 AA1ON AA1QD F6BKI IT9DAA JA1ANR JA1BOQ JA1EOD JA2DPC JA2XYO JA5IU JA7MSQ JE1SYN JG3QZN JH2FXK JI2KXK JR7VHZ JR9LKE K0EU K2TE K2VV K3KO* K3WC K5RK KD5M N4PQX N4XM NI0G NO8D OE3GCU OE6IMD PY2SP R3OK |
| 347 K4PI K5UR SM5AQD SP9FKQ* W1YY W9ZR | | | | |
| 346 DF3CB HA0DU JH4IFF K4DY K4MQG N2TK N4CH N4MM N6AR OZ1BTE OZ3PZ SM0AJU SP5CJQ | | 342 AA6YQ AG9S DJ9HX DL4MCF F6AOJ G0JHC HA5WA IK5HHA IK6DLK JA0EOK JA1WPX JA4LKB JJ2LPV | | |

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|------------|------------|------------|------------|------------|
| RZ3AM | 338 | IZ5EKV | K1HT | AC4G |
| SL0ZG | AD1C | JA1SJV | K1HTV | CT1BH |
| SM5CZQ | EI7BA | JA1VLK | K4CN | EA3GP |
| SM5KNV | F6EXV | JH4ADV | K4IQJ | EA5BY |
| SM6CCO | GM3POI | JL1RUC | K6AM | EA7TV |
| SV1RK | HB9AMO | JR1DUP | K7ZA | FK8CP |
| W0MHK | I2XIP | K5KC | K9YY | HB0CC |
| W2YC | IK4DRY | K8PT | LA5IIA | I5HOR |
| W4DKS | IK5PWQ | K8ZTT | N4AH | JA1XCZ |
| W4PK | JA1XEC | K9IR | N4JJ* | JA3GN |
| W5OZI | JA3PIS | N3NT | SM6CMU | JA7IC |
| WB9Z | JA5MHD | N7RT | VE1DX | JA7JWF |
| WD5COV | JA5WIZ | N8DJX | VE3EXY | JJ3HGJ |
| WI8A | JA8RJE | ON4CD | W1RM | JR1BLX |
| | JA9APS | OZ1CTK | W2LO | K1BD |
| 339 | JE2LUN | PY5HOT | W5XX | K4HB |
| DJ8NK | JF1KKV | R5AJ | | K9CT |
| DL5DSM | JF1WPB | R7DX | 335 | KE9L |
| DS5USH | JF3KON | RA3CQ | AB4IQ | N5OK |
| GM3YTS | JH8RZJ | S58T | AB6QM | NE1B |
| HB9BGV | JL1UXH | SP5DIR | EY8MM | OE1AZS |
| HB9BIN | JR3GWZ | SP6M | HB9DHK | OE2LCM |
| I4MKN | JS3CTQ | SP9DWT | I2EOW | SM6DHF |
| IK4BHO | K2FF | UA3AP | I4EWH | UT7UJ |
| IV3JVJ | K2PLF* | W1ECT | I5NPH | UX1UA |
| JA1ADN | K4HGX | W1GL | I6FLD | VE3LYC |
| JA5AQC | K4MWB | W3NO | JA1GRM | W1SKU |
| JA5XAE | K4XP | W4FC | JE8CLT | W2IRT |
| JA6BZI | KF0QR | W5ZN | JS2LHI | W3GH* |
| JA7KY | KW9A | W7MO | K0DEQ | W3LL |
| JA9TWN | LA2PA | W8DCH | K3WA | W6RLL |
| JH0INP | N2BJ | W9MU | K6TA* | WT8C |
| JH1TWT | N4DB | W9OL | K6YUI | YV1DIG |
| JH7VHZ | N4NX | WD0DAN | K9EU | ZL3JT |
| JI1DHY | N9IW | WJ4T* | N5ORT | |
| JI4POR | OH2BLD | | N5TY* | 333 |
| K1OA | ON4AOI | 336 | NI6T | 5B4MF |
| K2RW | ON4IZ | CT1IUA | NJ6P | AA5AU |
| K6FG | PY2BW | EA1YO | OZ1AXG | AD6W |
| K7NN | SM3VAC | EA5BM | PY2YP | DK1FW |
| KV7K | SM6DHU | EU7A | PY5EG | IK8YTA |
| N5AW | UY5ZZ | G0OIL | RM0F | JA0GJJ |
| N5UR | W5FKX | G3TXF | SP5IWA | JA1SYY |
| N8JV | W8GC | G4PWA | SP6CIK | JA2VQF |
| ON4IQ | WA1JMP | GM3GAV | SP7VC | JA9CWJ |
| PY4OY | WB4TDH | HB9BZA | SV1FJA | JE2EHP |
| R3VA | WK3N | HL3IUA | W4UM | JR4OZR |
| R4GM | YU3AA | JA2BDR | W5BPT | K9MM |
| SM4EMO | | JA3EMU | W7OM | KA9CFD |
| SP3E | 337 | JA4FKX | W8OI | KE9ET |
| UA6A | CT1APE | JA8LRG | YB5QZ | N4JF |
| VE3FF | DF2RG | JE1LFX | YO3APJ | N4QS |
| W1DIG | DK9KX | JF7XKY | YO7LCB | N5XZ |
| W9OP | EA2IA | JJ3PRT | YO9HP | OH1LEU |
| W9RPM | EA5RM | JQ6RUP | | PA5TT |
| | G4OBK | JR3OEH | 334 | RA7A |
| | HB9DDO | K0CA* | AB9V | SM3NXS |

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|------------|------------|------------|------------|------------|
| SM4DDE | JA3AZD | W9RN | N4II | JE7JDL |
| SP3CGK | JF1PUW | WA7NB | N7US | JF1NZW |
| SV1DPI | JH1IFS | YS1RR | N9FN | JH1QAX |
| UR0MC | JH1NYM | | NS6C | JR6FC |
| UX0FF | JK1EXO | 329 | PY2XU | K2UO |
| W5WT | JM1HJG | CT4NH | W4UW | K4SO |
| W6XA | JN3SAC | HK3W | W9ILY | K7WP |
| W6XK | K2UU | HL2IFR | W9JA | K9MBQ |
| WA5VGI | K3RA | I2MQP* | ZL4TT | K9ZO |
| WB0TEV | K4EM | IK4GME | | KB1JZU |
| | K5BG | JA0DIN | 327 | KG4W |
| 332 | K5EK | JA2IVK | A45XR | LA7JO |
| AA4V* | KQ8M | JA7MYQ | AA4R | LB8DC |
| DL2OE | LA7HJA | JF1LZQ | AI9L | N4TL |
| DL4CF | LU3CQ | JF2UPM | CT1GFK | N8PW |
| F5PAC | N8KOL | K8FL | DK5AD | RA0FF |
| G0BLB | N8RR | K8QM | EW2A | RL3FA |
| IK2YCW | N8TR | K9US | IK4ADE | RU3QR |
| IK4DRR | OE6MDF | LA7AFA | IZ2AMW | SM6BZV |
| JA2CXF | SP1S | N5DG | JA2NDQ | SP1JRF |
| JA2FJP | UA6MF | NK1K | JA7BWT | VA5DX |
| JA4PXC | W6SR | NY0V | JA9GPG | W5CIA |
| JA8EJO | W7AL | OE3EVA | JH1SJM | W8HW |
| JE1GWO | WA6F | RW3RN | JP1NWZ | |
| JG3LGD | WB9CIF | SP1MGM | K2SHZ | 325 |
| JH1HHC | | UT9FJ | K6KLY | 5B4AHJ |
| JH3CUL | 330 | W7AO | K8AC | BA4RF |
| JH3VNC | AA8CH | WA2VYA | K8YTO | DJ4XA |
| JR2UBS | DK2JX | WA8WV | KZ4V | DJ9ON |
| K1AR | DL1KUR | WX4G | LA5HE | EA1N |
| K5DU | DL6KR | | N1IBM | F5CQ |
| KX4R | F2JD | 328 | R0FA | HB9CEX |
| N1NK | G3NDC | AA5AT | R9FM | I3BUI |
| N7RO | HB9RG | AE5E | SP7ITB | IZ1LBG |
| OE8RT | JA5BEN | DL1DUO | UA3AGW | JA0CRI |
| PY5EW | JA7LGE | G3SVD | US5WE | JA1SVP |
| RV3LO | JE1DXC | I0WDX | W1TSP | JA2JNA |
| SV2DGH | JH4GJR | IZ8FWN | W2LK | JA5BGA |
| SV8CS | JN1BMX | JA1JAT | W3KX | JH4JNG |
| UA3DPM | JN7FAH | JA2AH | W7DO | K0JUH |
| VE2TZT | JO7WXN | JA2ZL | | K2LS |
| W5TCX | JR1BAS | JA4EPE | 326 | K7EG |
| YO5BRZ | JR7WFC | JA4ITW | AB3CV | K8NVR |
| | K0KX | JA6VQA | AJ6T | KI0KB |
| 331 | K5MC | JA9FAI | CT1DKS | LA3WAA |
| 9H1SP | K7ZV | JE2LPC | DJ5FI | NN4R |
| DJ4AX | KM4H | JH1AGU | E73Y | OZ4O |
| DL5WW | N8BM* | JH3SIF | EA3GHZ | R8TX |
| DL6CNG | N9AU* | K0GY | G3LZQ | RN3QN |
| EA8AKN | NU8Z | K1LD | G5LP | SP9JZU |
| F3SG | OE1WEU | K3PA | GM0AXY | W2JU |
| G0DQS | OE1ZL | K4UEE* | HA1RB | W4BP |
| G4CCZ | PA3EWP | K5AQ | IW1ARB | W5XC |
| HB9HFN | SV1CNS | K6RO | JA1IZZ | |
| IK2QPR | UA4LY | K8OM | JA1WSK | 324 |
| IZ0AEG | W0YG | KC6AWX* | JA8BNP | AA8OY |
| JA2VMU | W7CT | MD0CCE | JA9GLW | DL2CHN |

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| DL7BA | DM5EE | N7IR | K8GI | MM0EAX |
| GM3PPE | HB9SLO | OH5VT | K9JF | N5GH |
| HA9PP | IK5RUN | SM5ARL | KG7H | N9RD |
| HB9TKS | JA1FQI | SM6CTQ | KN5O | PY2NQ |
| IK4MSV | JA1QXC | SV3DCX | KS1J | R6AF |
| JA1IOA | JA2WYN | W3GQ | N0RB | UN6T |
| JA7FWR | JA4MRL | W3RJW | N2LM | W2AY |
| JA8BAR | JA6WJL | W8AV | N4RWG | W4FQT |
| JE6TSP | JA8DNV | WW3S | N8LJ | W8HC |
| JN1RQV | JE2DZC | ZS1LS | OE5RLM | WA3C |
| K5XI | JR6LLN | 320 | PA3CSR | WN6W |
| K8TL | K0KVR | F9XL | R9TO | XE2CQ |
| KB0EO | K6FW | HB9DDZ | RA3QK | 316 |
| LA5LJA | K6ND | HK4SAN | W6BJH | 7K1PTT |
| LU8EKC | K6PJ | IK2RPE | W7Yaq | EV1R |
| NN4SS | K8VfV | IZ4MJP | W9AJ | G4GIR |
| R5DT | N7XR | JA1RTX | WB8BPU | HB9BOI |
| SM0CCM | N9RS | JA2XCR | YO2RR | JA2ATE |
| SP2BMX | R7FK* | JL1XMN | 318 | JA6TMU |
| SV1JG | R7NW | K1GG | DL1HRN | JM2RUV |
| UR5EDX | RW4NN | K3UL | DS1JFY | JR8AMF |
| UT2UB | SM2OAN | K3WW | F2NH | K0AZ |
| W5LT | SM5JE* | K9NW | GM3YOR | K8WK |
| WB9EEE | SM6CUK | K9SM | HL2WA | KA8ZPE |
| WD9DZV | SP3IBS | KD3CQ | JA9IFF | LA8HGA |
| WE9R | SP6HEQ | LA2QM | JJ1TKN | LU4FPZ |
| 323 | SP7HOV | N8SNM | JK1GOK | N0KV |
| DF2UU | VE7IG* | NT0V* | JK1TCV | N4PJ |
| EA6NB | W0VX | PY2KP | K4MS | N6MZ |
| EI6FR | W1YM | RX3AGD | K8BL | PY2IQ |
| IK0PEA | W3OA | S55DX | K8FH | UY5AA |
| IU7QBB | W5AJ | UR5WA | KD0PO | VU2PTT |
| IZ8FFA | W6TC | VE3BW | KJ6P | W5ODD |
| JA2FGL | WD4LBR | W4QN | KK2I | W9YSX |
| JA7QVI | ZL1BYZ | WK7E | N5LZ | YO2CMI |
| JF8QNF | 321 | ZS6EZ | VE3CFK | ZS2DL |
| JM1FHL | AA5AM | 319 | W2LE | 315 |
| K4SE | AC0A | AF9H | W2NO | A65BR |
| K4XD | E72A | DL1TRK | W3ACO | DL5EBE |
| K8EUR | HA7TM | DM2DXA | 317 | DL9TJ |
| K8GG | IZ8EJB | F4BKV | 4Z4DX | EA6VQ |
| KG8P | JA1KQX | HL4CJG | DJ5JH | EI2GLB |
| N2NL | JA1NWD | I5OYY | DL1SMA | G0EHO |
| ND0N | JA1VSL | JA1BPA | DL2VPO | HL3GOB |
| NQ1K | JA3XNH | JA2EPW | I1EIS | HP2AT |
| UA0BA | JH3GCN | JA7LMZ | I5CRL | JA3EOP |
| UN7JX | JH7RXU | JA9NLE | IK4PLW | JL2JVX |
| W1LW | K5ZK | JF2XGF | JA2XW | K2PK |
| W2QO | K9RX | JG3FEA | JA3RQ | K3XA |
| W6ENZ | KC7V | JG3SKK | JA8CJY | N2JJ |
| WA4FFW | KK0M | JH1BAM | JF2WGN | N6PSE |
| WT4Q | KP2A | K0GW | JH1IAQ | NK4L |
| 322 | KT1J | K0KT | K1ZN | SP8HKT |
| AA4HP | LA8PT | K5WAF | K5VIP | SV1GYG |
| AA4SC | LA9AJA | K8AJS | KB8VAO | UA9FAR |
| | N6TA | | | |

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| 314 | IZ5RVG | DL6JZ | EU1KY | KF7PG |
| AD5Q | JE2OVG | DL9FCY | IZ8DFO | LB2TB |
| CU2AP | JE8TGI | G8DX | JA3ENN | VE1JBC |
| E72U | JJ1DWT | I4KDJ | JA3VPA | W1KSZ |
| JA1LSP | K0KG | IV3YYK | JA4FM | W3JX |
| JA2TBS | N4DW | IW0SAF | JA5SUD | W7LGG |
| JA8EOT | N6RV | IZ8VYU | JE3ENP | WA1PMA |
| JA9AA | ON6AA | JA0GCI | K0BBC | WA4JQS |
| JG1WSC | PP1CZ | JA2FBC | K4JAF | WA4LOX |
| JH1OBS | PY2VA | JA6BEE | K8ROX | |
| JH4ALY | RA1QD | JA7GAP | KM1D | 305 |
| JR4LNG | SK7AX | JA8ZO | N3RC | JA1SGU |
| K1LPS | UN7TW | JA9FPI | N5MOA | JA2FSM |
| K1RO | UT7UV | JH1RGG | N9AW | JH1ACA |
| K5UO | W1EQ | JJ1SKG | OE1WHC | JH8GEU |
| K6UM | W1YRC | JR7FRW | OH4UI | K0TT |
| K8CW | W2GG | K2NV | SM0NJO | K2AJY |
| N2TN | W2OO | K7XB | UA3TT | K4WNW |
| N2WB | W6PJ | KN6KI | W1YIF | K7KB |
| PY7DJ | W7HPW | N3VA | W5GAI | KD4W |
| RA9CMO | W9HBH | N9JV | W5PF | KF2DT |
| RK4FD | WF2S | RU3DX | W7CA | NW7E |
| SV9COL | | SM5FUG | W8MHW | OZ1ACB |
| W4HG | 311 | SV1CQN | WB2BIN | PE1L |
| W4VIC | AA8R | VE3EK | | PY5IP |
| W5VY | CT3MD | W6YI | 307 | UN7LZ |
| W7BEM | DF2IS | W8OP | 4X6ZK | UW2ZM |
| WB5JID | DL5CW | WL7E | DL2SWN | W6RW |
| YB1UUN | EI9JF | XE1MEX | EA3WD | |
| | IK0XBX | | EI9FBB | 304 |
| 313 | IW0HQE | 309 | HB9CQK | 9A4W |
| EA5AT | IZ0RVI | DL1DA | IZ8XQC | F5PBM |
| EC3A | IZ3ETU | EA5KA | K2UR | HB9IQB |
| I1FQH | JA1VRU | IT9CVO | KA8SYV | IK8VRH |
| JA0PE | JA1XPQ | IZ3ENH | KD0Q | JA9AGN |
| JA1KPH | JG0CQK | JA0DET | OE2GEN | JH0NBN |
| JG8FWH | JH0BQX | JA2JRG | R9SA | K4ZO |
| JH1AJT* | JH1BNC | JA7XBG | RA4CA | LA3MHA |
| K1KO | JH4CBM | K1DT | SM5ENX | N4QQ |
| K6SIK | JO4CFV | K1USA | SQ1X | OE5FIN |
| K7UA | K5DHY | K8UT | SV2AEL | SA0AQT |
| K9MK | K6IPM | LA9VFA | W4OX | SM7CQY |
| N7BT | KQ4AV | LZ2JE | W8LGJ | SV9AHZ |
| NA5C | N6OJ | SK3PY | WA9PIE | VE6LB |
| OE3SGU | N6UK | UA6YW | ZS2EZ | W5JAY |
| OH8LXT | RD3AW | VK3HJ | | |
| SV1VS | RU1AB | W0EWM* | 306 | 303 |
| VE6AX | VU2NKS | W7ZJ | CT1DOF | AF4HX |
| W3BW | W0LS | W8RLS | DS5ACV | CT3HF |
| W8MET | W4YCH | WA3AFS | HB9BAT | DK3WW |
| WO7R | W8KEN | | HB9LCW | EA9IE |
| ZL2IFB | WA0MHJ | 308 | IK5MDF | IK4AUY |
| | XE1KK | 9K2OD | IZ8FDH | IK5PWN |
| 312 | | AA6AA | JA1DDZ | IK8EPC |
| CU2DX | 310 | CT1FCX | JH3KAI | IW0HOU |
| G0VXE | AA8LL | DK8MCT | JN7DOS | JE2VLG |
| IW1QN | CU3EJ | EA3GHQ | K0BJ | K1ESE |

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|------------|------------|------------|------------|------------|
| K3PT | KR0P | KF8UN | NU1B | WA6JA |
| K4CMS | LA0FA | N2AJ | PA0JSE | 293 |
| N6HC | N7KA | N9ISN | W1KDA | DJ8NT |
| NA5Q | N8OC | OZ5NJ | W5SL | EA1KY |
| OZ1LCG | OH1ZK | VE3CRG | W8IW | JA0AOO |
| RX4HZ | OZ1IKY | W2FV | WB8ART | JA1XRA |
| SM5CLE | PA7RA | W7IU | 295 | JA8FFM |
| SM5CZK | S57AT | ZL4AS | DH2PC | JF1LMB |
| VE7TK | SV3AQR | 298 | DL7UPN | JF1RYU |
| W4LSC* | W4UCK | 9A4T | EA8RR | JK1UNZ |
| W7MEM | W5GO | AB5A | IV3VBM | JR0EQQ |
| W7QDM | W8AXI | JA6CBG | JA0KJE | K2FW |
| W8TN | 300 | JA8UIV | JE1IBI | K2SN |
| W9MJ | AA9A | JH2PWY | JH7BKN | KI4GE |
| WA1S | DF2GH | JH3FUK | K7LJ | ON4CAS |
| 302 | EA1AF | JI3CJP | K8RRT | VK3BDX |
| F5UJK | EW1KP | JR3UIC | K8YYY | W2TB |
| G3KMQ | G4RGK | LA5YJ | LA6UL | W2ZI |
| HB9DHG | HL3AMO | NK0S | N4HB | W6TMD |
| JA2IYJ | IK0HFO | UA0FO | RA5BM | 292 |
| JA2QXP | IV3GOW | W8JRK | RQ3A | AK5X |
| JA3DY* | JA3WLN | WB8K | SM7IUN | EA8MT |
| JA4VLK | JA7BEW | ZS4TX | W1BR | HB9EBM |
| JH3FHQ | JF3PNQ | 297 | W2/CT1GIF | HB9MFM |
| K2CBI | K0GD | HB9JOE | 294 | K1UU |
| K3FRK | K1SM | IZ8GGF | EA1JO | K2XF |
| K4JJW | K2KA | JA3BXF | EA6ET | K4VIG |
| K8AV | K5RT | JH1UBK | EI8IU | KH2L |
| N2DPF | K6EME | JP1IOF | HB9BUN | KR4F |
| N4LR | K7ZD | K1PL | HL3DE | N2KX |
| N7TY | K8DV | K5PS | IZ5BAM | N4SC |
| OE8SPW | KF0LA | K9YC | JA1AYV | N6HY |
| OZ7FOC | LA7GIA | KB1EFS | JA4DHN | N9BX |
| RN9N | N4HID | NV9L | JE2RDO | RU6L |
| SM4AZQ | NX0I | OE3HWC | JH1VUO | SV5DKL |
| US0YA | NZ3O | OH1JP | K3PU | W3FI |
| W0GG | PZ5RA | SM3LGO | K5VWW | W6DR |
| W1VT | SM6BGG | W3FOX | K9ZM | W9PZT |
| W1ZT | UA3ECJ | W8BBQ | KI5BLU | WA4CEM |
| W3AP | W6DE | W8BLA | KQ3F | WB8ZRL |
| W6NWS | W7VY | 296 | LY1G | 291 |
| WS5W | WB2GAI | CT1FPQ | N0RN | EB3CW |
| 301 | WF4U | G4XEE | N5JB | HB9BYQ |
| 7M4AOE | ZS1A | HA7UW | NA5DX | HK1MW |
| EA5OX | 299 | HS1NGR | PC3T | IK0LNN |
| F3AT | CT1EAV | IK0AGU | PY2MC | JA1IAZ |
| FG5FR | F1ICS | IZ8IEV | VU2CPL | JA6AVT |
| HA5VZ | G3KWK | JA9NFO | W0JM | JA7HRM |
| JA1OVF | HB9RYZ | JR1MLU | W2GW | JE1BMJ |
| JA2VHO | IV3KFB | KE8UM | W2OIB | JE2KSM |
| JG1OGM | JH1DQG | KG9Z | W4MAY | JF2VAX |
| JH4HMG | JH8NBJ | KL7TS | W7HR | KI4DLS |
| JL1BYZ | JR1WCT | N1EN | W9ZCL | LA9FFA |
| JR7GBL | K6MKF | N5ZC | WA0RVK | N1RR |
| K0TPP | KA1ERL | | WA5LFD | |

| | | | | |
|------------|------------|------------|------------|------------|
| N2NS | 288 | OH2IS | JA4HAW | JA3NHL |
| N7DED | CT1BWU | W0FLS | JH1WJR | JA3QOS |
| NT5V | EA3CJ | W2NRA | JJ1BMB | JE1HRC |
| SM5BMB | F6ECI | W5ZG | K1CA | JF1IRW |
| SP6JIU | HI8R | W6YOO | K3NQ | JI1NJC |
| W1OPD | IU0HDC | W8UN | K8YSE | JM1GHT |
| WA2NPD | JA6IVR | W9FI | KI1U | K2AX |
| WQ6Q | JA6QHQ | W9OO | KJ7TEA | K4JC |
| | JA7KE | WA3GFM | NE3F | S55ZZ |
| 290 | JH0OXS | | W1SSN | SV1FKZ |
| 7K1CPT | K8EAB | 285 | W8CZN | W5PJR |
| DL9GTB | KJ7M | AA7G | W8IQ | W5ZO |
| HL2EIZ | KZ9DX | EA1RT | YL2KF | ZS6WB* |
| IK0UTM | N1SV | I4BJ | | |
| IZ0NRG | N4IG | IK7FPV | 282 | 279 |
| JA1CZI | N9UA | JA1SKE | EA5B | AA3LX |
| JA5FDJ | ON5UE | JA8XQI | IK2PZC | DH0GSU |
| JG3RWX | WB3LHD | JK1VXE | JA3KNN | EA1KP |
| JK7LXU | | K2AZ | JA6GPR | F1RAF |
| K2UFM | 287 | K5CWR | Ji6IHG | JA1DM* |
| K6BV | DS5TOS | N4UOZ | K1ACL | JA3FHL |
| K9FN | EW1BA | N5BO | N1RK | JE1PNX |
| KE0A | G8AJM | ND4X | N8SHZ | JH1APK |
| KG6I | HL2KV | NN4X | PA0TCA | JH1IED |
| N1API | IK2DZN | SM4CTI | VE3SKX | JK1BSM |
| N4GN | JF0JYR | VE7BV | W0SZ | K1IED* |
| N4JQQ | K4KAY | W0KEU | WA8MCD | K5FZ |
| N5ET | KA4RRU | W7YW | | KE5FXE |
| PA7TWO | KD6UO | YB0COU | 281 | LB5WB |
| RW7M | KJ6NZ | | AC9EM | N7HN |
| VE3YF | N5UL | 284 | DS5DNO | PA3BWD |
| VK4CAG | N6PM | 4F2KWT | F6DBX | RW4CY |
| W4REX | N7WO | 6K5YIA | HB9ZS | SM7NDX |
| W7AH | NF1G | AB4SF | I0JBL | W0QQ |
| WS9V | OZ4VW | DF7EE | I0OSI | W5THT |
| XE2D | PY2DS | DK7YY | JA4SSM | W8GNM |
| | SP6A | DL4DW | JA6OXT | |
| 289 | W1MK | EA5RD | JH1NYN | 278 |
| 9M6YBG | W4SO | HA5PT | K1FEV | 9K2GS |
| BA4MY | W5DNT | HL4GAV | K5MT | AF5CC |
| G3SBP | W9DX | IS0AFM | K8BN | DS3HWS |
| G3WPH | | JH4ADK | K9GA | E21EIC |
| GU0SUP | 286 | KK1W | KA7T | HB9EFK |
| I5REA | 4Z1UF | OH7TV | KR8T | IV3TMM |
| IZ4DPV | CT1BWW | SV1ACK | LA9GX | JA1BNW |
| IZ5YHD | CT1FUH | W3ICM | N2NW | JH1FVE |
| JA7QQQ | DJ0UT | W5DM | N3RW | JK1WSH |
| K4FJ | HL2CFY | WB7B | NY9H | K1NJ |
| K4PB | JA1EMQ | | SM5FWW | K3VAT |
| K7BTW | JA1MZL | 283 | VE3YV | K5FNQ |
| LB6KC | JA2FCZ | 4X1RU | W9YE | K5RKS |
| N5KM | JH0RVY | DJ9RR | WA9GON | K6ZZ |
| N6IE | JJ2KDZ | DL5XL | | K7FEL |
| NE6I | K4RG | DM2RM | 280 | KR6C |
| OM4EX | NA9A | G3UAS | CT1BOY | N2SQW |
| W8QZA/QRP | NA9RB | IZ7AUH | DL2RTL | ON4ANN |
| WA3F | ND4V | JA0DWY | EA7SG | RM3DA |

W2JLK
W5GA
WQ5R
WV8DX

277

BH4QYX
EA3EQT
EA4DL
IK0CHU
JA1PBV
JF6XQJ
JH3GFA
JH8KFE
JJ1QUV
K0DD
K1XV
K9GWH
KC6X
KM3J
KS3F
LA5SJA
N4JT
OZ0J
VK3NX
W2XI
W5QM
W9IL
WC3W
WV6E

276

JH1DGJ
K4WES
K9FZ*
KB6CIO
KE3D
KZ5DX
N0AH
N9AOL
W7JY*
W8FIB

275

DJ3XG
G3NKC
JA0KJD
JR4LZX
K0QQ
KM6HB
N2RR
N4IQ
W3ABT
W5GZ

274

A65CA

AA4FL
IZ0BVU
JA5NPV
JH0NOS
K2BA
KF7F
N6KZ
OM8FR
VK5GR
W8WEJ
WB0TVY
WB7BBQ
WB8CQV

273

9A1AD
AJ8MH
GW4TSG
IK2RZP
JA1HOM
JR1JGA
K2RU
K9NR
KI7AO
N6PEQ
NF4A
NY2NY
RT5A
W0KCJ
W4PNY
W6SL
W7IB
W9JJB

272

DK5RL
DL8SDC
HL5BMX
JH1SOD
JH2VVH
JN1NBU
K4ST
K5CD
K6KZM
KE1F
KK9H
KR2Q
M0TTB
N4TOL
SM4OLL
UN9L
VK2HV
W0HBH
W5TFW
W5VQ
YB1AR

271

AB4UF
AJ4A
BA7IO
EC1A
FG8OJ
G4FKA
HB9BNQ
JA0LXP
JA1PVX
JA7JM
JH1OGT
JH7WQX
JJ6DGP
JM1VRW
K1GE
K1KA
K3SEW
K9OR
N7MQ
NA4EA
RA3BL
W3SB
W4KA
W5RF
WC2K
WE2N

270

EC1AIJ
EU1U
F6HLC
HB9IIO
JA7GZM
JE1VTZ
JH6DUL
JK1OPL
JR3VMJ
K1CBK
K1MAA*
K3EA
K3WWT
KM7R
M0CSD
N7QT
NH6T/W4
SM7BHH
SM7GIB
TZ4AM
UN3G
W2PP
W3MR
W8LMG
W9MO
WC4H

269

AA9RR
AK5Q
CT3KN
DG5LAC
HB9CRV
JF2OZH
JH8NQV
K1JD
K5IB
KF9UG
N4ENE
N4TJ
N4XYZ
N7ELL
NG7M
NJ3K
OE2BZL
WA6G
XE2X
YB2DX

268

AG5W
EI2HY
F5LIW
IK3SWB
IK8UHA
JA2ITK
JE2UFF
JF1WLK
JH1ERJ
JH7NTW
JL1MWI
JN1NOP
KF4NEF
KH6M
KV1E
KX2A
N4XP
OE3KLU
PY5CC
UN7BY
VR2XMT
W0RX
W1KMA
W7VAS
W8UV
W8WVM

267

AA9GR
AB5C
IW7DVM
JA8NFV
JH0AWC
JJ2WOC

JL3OUW
JO1LVZ
K1DJ
K1EFI
K1RI*
K4EU
K4KGG
KE4UW
KZ1W
NU1O
NX4TT
UA3O
WA1YTW
WV4TN*
XE1RBV

266

AE0P
EA4DEI
JJ2VLY
JR1VAY
KO8SCA
N2ZA
N4OA
N4QWZ
N6DX
N8NN
RU0SN
SV1HEP
W2YR
W3BJ
W5ZE
W6AER
WB2NPY
WS1L

265

DL2RUM
EA8AXT
HC1BI
JI1VVB
K1LT
KA1J
KB9DAK
KU4XO
KX4TT
N8II
NA5Z
TA1CM
VK3FM
W6HDG
WV2I

264

DK2CC
E70T
G3VPW

| | | | | |
|------------|------------|------------|------------|------------|
| IZ5FSA | 261 | M0IKW | K8NK | N7WS |
| JA2NNF | IZ1JMN | SM0MPV | KK4OK | N9KW |
| JR5JAQ | JQ1YIW | SV1IW | KN7D | SP5LKJ |
| K4JWA | K0KP | | N4PYI | W4GIW |
| K7UT | K1BZ | 258 | RC2A | W4IS |
| K9JU | KA1DJ | AB4GE | SP5ES | WA3I |
| K9SG | KL7TC | EA1DLU | W4RDX | WB0O |
| N5QS | N0ODK | HB9DVZ | WB4KTF | |
| NE8P | N8HRZ | I5XFD | | 252 |
| S51NM | RA3QUA | JA0EVI | | AG1A |
| W5DAW | RA4P | J11CQA | 255 | DJ3AS |
| WA0ROI | VE3VHB | K4MIJ | EA5AR | DL7JRD |
| XE1H | W7FP | K4YJ | JG1JPE | EA2AAZ |
| | WX2U | KT2C | JL1GYZ | HL2ZN |
| 263 | | N3ND | K4MF | IK1UGX |
| AA4A | 260 | N3QE | K5ZQ | JH5HDA |
| EA5DFV | AC4VM | NA2P | KI6CG | JR1FHP |
| EW4C | AG7N | NA9Q | N6QI | JR1IZM |
| GM0VRP | EW1P | UN3GX | OH3OJ | K3SX |
| HB9BOU | HB9CXZ | W2DXE | PB9FN | K5GH |
| IZ2FOS | HB9DQV | W4DEE | PS8ACL | K6EID |
| JA1FJJ | HB9DVO | W6SFK | W6GRV | K8QKY |
| JA4ZA | IZ1JLG | WA5UA | W9LN | KC9K |
| JE2EBT | JA4CZM | WB3D | WK8A | KD2T |
| JH1FNU | JE0ART | WD8PKF | | KS4S |
| JK1AJX | JH6PFY | | 254 | N0ABA |
| K0VM | JJ1KZZ | 257 | AA5SH | RL3AA |
| K4QE | JR1EYB | G0BBB | DF8FT | VU2CDP |
| KR4W | JS6TWW | IK3GBG | G4ZOY | W2KA |
| N4TV | K0EOO | IZ8EKL | K0MN* | WB6BFG |
| OH2CLX | K4CGY | JR1EFG | K1JIU | |
| SM0DSF | K5YU | K0VSH | K2HAT | 251 |
| UR3EO | KD8RQE | K1RV | K4WFM | EI9FVB |
| W6JZ | KI4WCQ | K1YR | KB1DMX | IZ4DIW |
| YB2TX | LU6ETB | K3NF | KK0DX | JA1JYE |
| | NJ7G | K6MM | KW4V | J11WLL |
| 262 | OH1TSM | K6XN | N1GC | JT1BV |
| AD7L | SM0XBI | SM5BNK | N2FF | K5DV |
| AI6Z | V51B | W0FG | N9SF | K7LAZ |
| DS4AOW | VA7ZT | W0TM | PY2FN | KB4MRX |
| EA1WH | W4SK | W5UHQ | W8UQ | N3KN |
| EA7QW | | W6WF | W9EWZ | N7GCO |
| F4GVO | 259 | W7NN | | W6AEA |
| G7SSE | AC9O | WB8B | 253 | |
| I0MWI | AF2C | WE4S | DF2UA | 250 |
| IK8GJR | F5JSD | | DL2NOM | CU3EQ |
| IW3GJF | G4XRV | 256 | IT9AAI | DJ9SO |
| JA7ZP | HB9HIT | 7N4SQJ | JG1SWM | I8LWL |
| K0OK | HI3T | AA6RR | JH7IQQ | IZ2EWR |
| KC6JAM | IK2GAJ | AC6BW | JM1SZY | JA1OVD |
| VE6TL | IZ8MBW | AC9S | K0HD | JR0QFA |
| W4KVS | JA3MHA | AG3V | K6IPV | K6ZP |
| W8MJ | JE1PHH | JA0CIU | K9TF | KA9UVY |
| WA2USA | K2AT | JA7FVA | KL0S | N1ZJ |
| ZS6NJ | K3OX | JA8RRF | LA1CO | NA2M* |
| | KV4AA | JH8UQJ | LA6OP | SV8CKM |
| | KY6R | K1NTR | N4FN | W0TT |
| | | | N6MB | |

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|------------|------------|------------|------------|------------|
| W6DPD | HB9HVG | KE1B | KE5BR | VE3TKI |
| WI7P | I8YAV | KK2M | N1JP | VK6LC |
| WN6K | IK5BOH/2 | N2ZZ | N3KV | VU2DCC |
| 249 | JA1FVS | VU2LBW | W5UQ | VU2MSA |
| AA0MZ | JA1QIW | W4GE | W6BK | W2NY |
| AF6PK | JA3LDH | W5WI | WK4Y* | W3WST |
| IK0HBN | JO3WHB | W9RXJ | 240 | W5JMW |
| IK2RGT | K4MV | WA8A | DK6OR | W7TUS |
| IV3TDM | K5TA | WV9L | DL6UNF | W8FN |
| JF1MTV | KB2FCV | YB1TJ | G4AYU | WA0WWW |
| N6MXU | KD1F | YB1TQL | HB9DOT | WD8KND |
| SP6EII | KE4S | 243 | JA0JPD | 237 |
| VU24DX | KW4CQ | IZ0GYP | JP7FSO | AD7Z |
| W2WG | OZ7DN | JA1BWA | K0NV | JE4RAL |
| W7IV | PA0ZH | JA7FAS | K3FM | K4KAL |
| WB9PNU | UR5FEO | JJ1JMZ | K8JE | NY1V |
| YB0NFL | W4DTA | K3VAR | K9ALP | PY2WC |
| YO9FNP | W4PGM | K9ARZ | N1MD | RD9M |
| 248 | W7HUY | LA9VBA | N6NU | RT0F |
| EA2J | W8HMK | SM4BZH | N8WD | W4DAO |
| I7PXV | WB4CW | SP7ICE | ND3L | W4HZ |
| JA4DNC | YB0DJ | W2OR | NW7M | WB5NHL |
| JH2AJY | 245 | W5LO | ON4ATW | 236 |
| K0THN | 7L4VYK | W6RKC | W2CG | BA4TB |
| K5RJ | I0LYO | W9KVR | YV5LI | HB9ESS |
| KB5UNX | IV3AVQ | 242 | 239 | HB9HBZ |
| N4NW | JA2ODB | JA1BON | DL8DWL | HL5OC |
| N6BM | JM1ESG | JR6GIM | JA1KXT | IK1IYU |
| N9AKR | K0IL | K2SY | K4VNY | JA3UNA |
| N9XX | K2TER | LZ2XF | KK4OW | JA4GXS |
| NC4RB | K4OY | N6ZN | N6PAT | K0LB |
| OH6NIO | K5VR | N8BJQ | NN2D | K4JKB |
| SM5ELV | K8AO | NK7C | NW6S | K4KEW |
| VU2IBI | K8ZT/QRP | OZ3SM | SP6AXW | KP3AH |
| W1WC | K9SUH | SM7CZL | VU2YYF | N3PS |
| WA5IPS | KO6KD | SP5ELW | WA9BZW | N5PA |
| WA5NFC | KW4J | TF3DC | 238 | ON6KE |
| WW8W | VK2CA | W5FPT | CT1HHP | OZ1HPS |
| YL2TW | W3BNN | YB1RUS | DK3UA | W5AAJ |
| 247 | W7CD | 241 | EA6LP | W6HYI |
| F5NBX | WA4MME | AD8P* | EI6IZ | WA4BIM |
| I8MTQ | WB3JFS | CT3CD | G3XLF | 235 |
| JA6ENL | WY6N | CU3AN | JA0AXV | HB9VAB |
| KE6V | 244 | DM6MA | JA2OLJ | IV3FFI |
| KF6HI | 7J1ADJ | EI5GSB | JA3KKE | K3DFL |
| KQ4EE | BV1EK | G1VDP | JA9APM | KB5HC |
| LA2XPA | DS4NPL | IZ0BTV | JE3FOR | KE9S |
| NA2AA | JA3AVO | JA3PRM | K1ZJA | N6WT |
| PY2GG | JA7MNF | JA6GIJ | KC2SST | N7BD |
| UA9AEU | K2SD | JH2BNL | KE1VT | SM0BYD |
| 246 | K4YYL | JH3FCF | N9PGG | SV8DOU |
| BH4IGO | K5FXB | JK1SQI | OH2LHE | W4DC |
| FG4NO | K5JZ | K1ROA | PY2RO | W4WN |
| | K8YE | K4GO | UR4IOR | W5SUM |
| | K8ZM | | | |

| | | | | |
|------------|------------|------------|------------|------------|
| W8RV | W7IAN* | K8SIA | 226 | N6VS |
| YB0MWM | W9QO | KV4T | 4X4MF | N7TM |
| YO3IPR | ZS1DX | N6RK | 7L2QAD | N7ZA |
| 234 | 231 | NN5E | AA4LR | NO0B |
| AA4UC | AA8SW | S54A | AJ8B | NV4A |
| AD6ZJ | DH3KM | W1JGS | EA2AFV | OE1ALW |
| AL7R | DL4FAP | W6FL | JA4MMO | TF3JB |
| CT1ELF | GM0VIT | WB2KSK | N2RJ | W5KK |
| I5FLN | IT9ODQ | WE1P | N7NG | W6TK |
| IV3BSF | JA1DCK | WF8R | N9JR | W9MAK |
| JA7MAD | JE3EDJ | 228 | NW4M | W9ROG |
| JO4JDU | JP1LRT | AD4AA | VE1VOX | WB0N |
| K0CF | JP1LRT | AL7TC | W2CQ | WB4GLI |
| K1RH | K1ZE | CX2CC | W6WA | WD4IXD |
| K5ALQ | KE5TD | G4VMX | WB6CJT | YE4FNN |
| KK9T | LA4JGA | HL4XM | 225 | 222 |
| NV4B | N3XM | IW9DNI | JF3VEC | JA1GVT |
| NY6C | N8BK | JA1MOD | JG2LGM | JK1NPH |
| SP5IXS | PT2ADM | JR7XOD | JG3KLF | K0KV |
| TF3VS | SM5FQQ | K3PP | JL6USD | KF4VTT |
| UA9FFV | VR2XLN | K4SX | JR3ADB | KG4JSZ |
| W1DYJ | W1AW | K7AWB | K6EGF | M0HIH |
| WA1ZIC | W1OP | K9AQ | K6JAT* | SP5APW |
| WB0ULX | W2FKF | KD0AA | K6UNE | SQ7FPH |
| ZS2Y | XE1J* | KF0RQ | KD4SN | W0UC |
| 233 | 230 | KM4HQE | KI6MQX | W4UEF |
| IK0WRB | AA8KY | N3KS | KS4YT | W8QXR |
| K6QU | AD0TR | N3ME* | N4SV | WB4YDL |
| KK8MM | CT3DL | N8WRL | RA0BA | XE1L |
| KU4BP | CU3BL | NK7Z | VE1DUN | YB3MM |
| KW1DX | DL4NBE | RD3BD | W0ZS | 221 |
| LA2GH | JH6RTO | SM7WVZ | W4HY | F4WDL |
| OZ9XU | JI8PDC | SP5MXZ | WC4X | G3WW |
| SM0NUE | JL1JVT | W4UDH | WW0E | IK0WMJ |
| SM2EJE | JP1GUW | W7VS | 224 | IZ0FUW |
| VR2CH | JR4CZM | WA5KBH | AE4CW | JF2TJJ |
| W0MU | K7STO | 227 | JA4HXF | LA2LI |
| W0QC | KQ5M | AD5MD | JE3WQU | LB7ZG |
| W0SR | N1KC | EA7DUD | K5DCW | LU4FW |
| W4AG | NJ1H | JA0LFV | K5UZ | MU0FAL |
| W4MA | SM5AOG | JA1ITJ | N1WON | N1IA |
| 232 | W1FA | JA7JPZ | N4HN | N9LJX |
| AA5TL | W1NA | JK1JAS | NA4MM | NI5F |
| EA7AN | ZS1J | JR7MAZ | R4FAN | OV5O |
| JA8BOV | 229 | K0PC | VA2IG | SK0QO |
| JF1KML | AA4AK | K0SD | W9GXR | VK6OZ |
| K5HK | DL5KUA | K3SF | WY1G | VR2XYL |
| K7LV | F4FLF | K4WY | XE1YD | W0JMP |
| K9UQN | IK5QPS | SP3F | 223 | W6DCK |
| KF9AF | IV3KCB | V51YJ | AH0U | YO3JF |
| N2GZ | JA2MNB | W5IP | EA2AGV | 220 |
| N8GP | JA3EY | WB3BFC | HB9AAA | 7L3JAR |
| NZ5O | JR7ILA | WB4DNL | K8MRT | F6FYD |
| W6KK | K0SON | WB8BZK | LZ2ZG | K2EK |
| | K4AR | WW2DX | | |

K2XB*
K6NR
K9OW
N2KI
N2MEE
SM5CBM
W4UFO
WA3FRP

219

DF3EC
DK3BK
DK3HV
HA5CW
I7LGM
JA7DPC
K1VI
K2RET
K7HC
K7LAY
K8ZZU
KK7YC
KW9U
N0JR
N4MI
N6DHZ
N6VNI
ND7K
NS3L
UX5UO
VA3OKG

218

AE4AN
AG4Q
CU3HN
HP2NG
IZ0FYW
JN4FNZ
K4WZ
K6LRN
K9OT
KB7QFE
KG6D
KT4AC
LA2IR
N7VPN
VA2LC
W1MJB
W2CDO
W5WP
W8SAX
WA3GNW
XE1R

217

AA4U

EU1M
I1YDT
IT9YOZ
JA1TD
JK1EBA
K0CS
KB7AK
KC5LK
KD3HN
NU4I
SV1IZY
W0AIH*
W7WZ
WA9JWL

216

AB6CF
DK4TP
DL5EBS
F4DSE
IW5AB
JK1DDG
JM1JIV
KA6BIM
KF2OG
KR4BD
N4DWK
N8AYY
PP7LL
TG9NX
UT7KF
VE3YXO
VK3KE
W0BM
W3ML
W3NS
W4CCS
WA9DU
WB2ZAB

215

AD5WB
EA7LL
I2YPY
IK1ZNM
K5QX
KB2ZPB
KD1AB
KG4CUY
N7WI
NM1G
VK2AAH
WA3SKQ
WC0W
WX0Z
ZL2AO

214

AA4NC
DL1SVA
EA5HM
HB9CQL
HL1VAU
IK0XIH
JJ1BDX
K0BRO
K0MFI
KM9E
N5WA
NX2X
VK3TC
W4OWY
WA7BNG
WB1DX
ZL3PAH

213

9K2BM
AG5CN
EA5RU
GI4OWA
HB0WR
K0YL
KM8AM
N4MIK
NA6O
OH3FVP
S50B
SP7CVW
W1ITU
W1ZK
W3DIY
W4GP
W6SHY
W7PAQ
WY0V
XE1EE

212

AE4M
HB9EXQ
JQ1PCX
K1XE
K6TAR
LX1CW
ON6YH
W4PGC

211

G7IRN
HL3ERJ
JA1UOA
JL3DGI
JR2PZX

K2PF*
K8WHA
KB9AIT
KM1C
N1BY
OE3JAG
PT7DX
W1EBM
WA1NXC
WF1H

210

AD3C
DJ7JC
HB9FBG
JA2KSP
JM1JZN
JR1CAD
K3GGN
K5CR
K5LY
K8SL
KP3V*
KU8X
N7NW
N9DR
N9IO
W0MS
W0PE
W4PG
W9NIO*
WA3WZR
WA4QMQ
WQ1H
XE1FAS
ZL3RJ

209

AC5AA
BX5AA
FM5DN
IZ5MOQ
JH6WMJ
K2CYS
K7GA
KN4JX
KY5I
W3HER
W9CSX
WA4MIT
WB6AXD
WG0G

208

3A2MW
AE9DX
CT2GZE

EA4UV
JA4FKO
JJ1KXB
JR3QHQ
JS6QOM
K0FLY
K9QJ
KK5OQ
N1NU
N4PL
PY3VB
RL3BZ
SP9IZV
W5RDW
W9MR
W9WO
WA4NUF
WB9B
WT2P
YO3AIS

207

EA5ZR
IW0BYL
IZ0CKJ
K7LY
K7VC
KM4NS
N7NF
NA6MG
NW7US
W4AEJ
W7SX
W8MIL
W9GG
WA8LRW
XE2YWH

206

AE0MO
DK3QM
EC7B
HK3PJ
IU0ICA
IZ4AIB
JA9RT
JG1DUZ
JH2AMN
JH9AUB
JR0RBY
JR3TOE
K0PX
K3HW
K8RCT
KA1API
KF5WCP
KK9M

| | | | | |
|------------|------------|------------|------------|------------|
| KN7K | W1LE | GM7NZI | 197 | 194 |
| N4AA* | W4RQ | JE4KCN | AA4DD | EA6UE |
| NN9X | W7IUO | JK1BIB | AB2E | JA8ANQ |
| NU1T | W8LIG | JR1QLM | DF1IR | JH8FIH |
| RN3CT | W9HZ | JS6SCC | F6KOP | K4RM |
| SP7QHR | WA4DOU | K3SUI | HL4CCM | K9EXY |
| VA7DX | | K5EWS | KJ4YLO | KK4CB |
| W5DXQ | 202 | K7QBO | NG9J | KU1T |
| W7QC* | AG6HE | N9LEO | SM3PHM | N5HC |
| 205 | DL5MHQ | NU4B | VA3NXM | N7JB |
| HB9ECS | EA3HDZ | ON6ZV | W0IKD | SM0EUI |
| HB9GWJ | IU8IYE | UA9MC | W4LIA | TF4M |
| HB9JNM | K1EO | VE6PL | W5BK | UA4PK |
| JA3UOQ | K6VVK | VR2MY | W7KKC | W1OK |
| JE4CIL | KF7NN | W7LEA | WB2HJV | W1XV |
| JG1LRE | NA2U | WD4OIN | WB4SON | W3MRL |
| K1AJ | NJ6K | WN7J | WS4H | W7QHE |
| KJ4UZU | SA3CAT | ZL2LW | | WA9MAG |
| N0TR | SP3EPG | ZS6C* | 196 | |
| N4TD | TF3Y | | EA1AZ | 193 |
| N6DVR | W0DD | 199 | K1FE | EI6AL |
| N8NA | W1AO | DL2JIM | K8CQ* | EI7GY |
| N9GKE | W4NBS | JA9IWR | K9UWY | JA1VRY |
| NC1M | WA6EZV | JH0AKV | KI2D | JH1IZR |
| NP3CW | WB9W | K1TKL | KP4DKE | K6DLB |
| PY2SEX | YB4CHP | K4NTO | N4MEC | N0STL |
| R0QA | 201 | K6GFJ | N5JED | N5TF |
| S53MJ | DL6DCD | K8EB | NE5S | N6JOJ |
| W8LR | E20YLM | KB0EL | ON6MX | N8VV |
| WA0SXV | E77S | KN7Y | SV8RX | N9MB |
| WD5BJT | JA0ED | N4ZY* | VU3CAU | PY8WW |
| | JA3EEM | NC2Y | W1CDC | R3IS |
| 204 | JR0GXA | W1LY | W1DXH | WB7QXU |
| 4X6KJ | K6CF | W4DVG | W4DSM | |
| JH1RVQ | K7CTV | WB9IWN | WB5STU | 192 |
| K4BBH | KB3IFH | WU7X | | 7M4CLF |
| K8SMC* | KD4POJ | XE1MW | 195 | EI4HH |
| N6EM | KI7M | | 9H1EJ | HK6K |
| OE1HHB | KK7BR | 198 | JA0MRW | JA8EIA |
| RX3BP | LA5LT | DM3CW | JA3BKP | JH0HVJ |
| UN7BK | LA7EIA | EI1DG | JG6MQI | JI1CYX |
| W5FL | N8IL | G6NHU | JH7RTQ | K1EDG |
| W9PDS | NF7D | HA5BSW | JJ0LZQ | K2WJ |
| WA2VQV | OH3PYY | HB9AGO | JR1KBJ | KA5JSM |
| | SM5CAK | I8HAK | JS1MRA | LA7QI |
| 203 | W2WC | IK2ULM | K8ROK | LB5GI |
| 7K3QPL | W5SV | JA1IFD | KA5VFU | N7KDT |
| EA4D | WA6QGH | JE3PCP | KG6DX | PT7CB |
| EI2JD | WB2WPM | KG8CW | N0AMI | R9JX |
| JH8LEY | WB9ZNZ | LA8ZAA | N5UE | SM6CLU |
| K7CU | YO2DFA | N7RD | SM2DMU | UA1OM |
| KA9OKH | | NA7RH | W2PD | W4CIR |
| N1QY | 200 | UT7EC | W5QP* | W6OUL |
| ON4LG | AA5N | W7JET | WA6HBR | WZ4RC |
| ON5GQ | CT1ESO | W8JA | WK9U | |
| W1ASB | EI5KO | | YO3DDZ | 191 |
| | | | | 4X6UU |

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|------------|------------|------------|------------|------------|
| AD0K | WX2CX | N9BVA | K0RAR | 180 |
| DL6LZM | | OZ6TL | K3EJ | A65BD |
| EA5GXI | 188 | W4HOG | K3VPZ | DK8IZ |
| HL1MKT | BG8PA | W6HB | KJ4R | F5AQB |
| I4UUL | IZ1JLN | W8MSP* | KL7KK | JA5MOO |
| JA6CMQ | JA5XPD | W9GM | KL7NW | JF7RJM |
| JH1AWJ | JA6JYM | WR7Q | KS8W | K5EWJ |
| K7PT | J11MNT | | LX2SM | K7PTC |
| KE2M | K2HT | 185 | N4XMX | K8MVZ |
| KJ7NO | K2MK | 9M8DEN | N6KK | KB2S |
| KO4PRE | KK4CLY | DL4ZAB | NI7F | N1BCL* |
| KR4DA | LZ1XL | EI3CTB | NO9E | N4ST |
| N0YO | N6XT | HK1X | W4NE | SV1BYI |
| N4BAF | PY4AZ | JA1SZN | WQ5T | WA9IVH |
| N4QM | RA9SC | JA2BUR | WW8RT | YO4AUL |
| UA9AGX | W5TUF | JM1LPN | YB1RKT | |
| W0JW | WA5YNB | K4QD | | 179 |
| WA1EHK | WX2K | K4SAF | | A71AM |
| WB8EKG | | K7LFY | 182 | G4YCS |
| WY4I | 187 | K9MMS | AB9KZ | IK5BSC |
| YB2TS | AF3X | KB1W | AC4TO | IW4EII |
| ZS6UT | IZ2MHT | KC9G | DJ4JZ | JA0NZR |
| | IZ6ERS | N1ZZ | DL1MEV | JF2AIJ |
| 190 | JA1UTB | N4KM | EA7LS | JM1CMA |
| DL2RD | JA4RED | NC7B | JA1DCO | KR0O |
| HL4CBX | JE3OUW | PY2OP | J11UHZ | N3AIU |
| JA8WGX | K3XO | SP3TLJ | K4TXJ | N4KEB |
| JH1AQN | K8ARY | W0ANZ | KO4PY | N5FEE |
| JL3RNZ | KC2STA | | N3AO | N8NB |
| JR1FCS | KT8D | 184 | W0IEA | NS4F |
| K7RAN | N5JEY | AA4OC | W6GJB | TF5B |
| KJ2U | NX8Y | G4VWI | W6IS | UA4SKW |
| KM4VI | VE3NJC | JF1KIG | WB8RFB | W1MR |
| KN4FO | W4AO | K4JLD | WY9V | W1PY |
| OE1JIS | W4GHW | K4RDU | ZS1EL | W4ASE |
| W3DQS | W7IMU | K9JDP | | W9BS |
| W4LEW | WA8RCK | KB2XJ | 181 | WA7HR |
| W5AP | | KC4HN | AA3AZ | |
| | 186 | KI7HO | DF2WF | 178 |
| 189 | A61BK | KP4DS | DL2AMD | 4F1OZ |
| 9H1AE | DL6NW | KP4N | DL7BO | AD6DK |
| AA7XT | IW8CGX | KZ2R | G8BCG | DS2BGV |
| AI9U | JA3MIO | MU0GSY | IZ2CSX | EA2AA |
| G0THF | JG1GJH | N5QZ | JA0GZZ | EA8TK |
| JA0AVS | JJ1OKK | PY2CP | JA1PUK | EI5JL |
| K2GLS | JP1GVC | WA5NOM | K3PIN | F4CPF |
| K6UXO | K0MD | ZS6IR | K4HQB | GM4KHE |
| K9TRV | K2DF | | K6LPO | GM5YTT |
| KE4FW | K2RNY | 183 | LU8ADX | JA3AOP |
| M0IFT | K2TV | AC4BT | N0VVV | K2JK |
| N0LD | K9RT | DK3FB | NC6R | K6IRA |
| N7VZ | KD2SC | GM1BSG | NE0U | K9YZ |
| NA2R | KM5VI | IT9IPQ | NT9F | KC1ERO |
| R9MJ | KS0M | IW1PUR | SM5CSS | KE3X |
| SV2CLJ | KV7N | IZ7GIT | VA3HP | NA5S |
| VA6SZ | M1EMC | JA1IAW | WB9TFH | OD5YA |
| WV4V | N2ZL | JH3EQP | WL7OU | OT1A |
| | | | XE2MX | |

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|------------|------------|------------|------------|------------|
| VE1OP | WW6G | JG1RYQ | CU7AJ | 168 |
| W3HKK | XE2B | K8OS | DS3EXT | 4O3A |
| WB2KSP | | M0MCMV | EI5GM | AA5H |
| WP4CQ | 175 | N3WD | G3LAS* | AC8TO |
| 177 | AA3TH | PF1MO | HB9HHH | A14QQ |
| 4F3BZ | AC0DQ | VK1AX | JA6SUJ | DK3TL |
| AK9B | CT7ANG | VK4CC | JE1GLP | DL5KUT |
| DD0VE | DK2GP | W4GHD | JN1SUT | DS4DBF |
| DJ9KV | EI8GS | W4MOT | JR0AMD | F5EOT |
| DL1SWN | G3CWW | W8PAT | JR6GV | IZ5BYJ |
| EA4S | HB9DTE | WA5PFJ | K9BO | JA1ERB |
| G4AFJ | HB9PUE | XE2W | KD4EE | JA5SEY |
| HZ1GW | HP3TA | YB4IR | KJ6Y | K7YZO |
| IK4TVP | HS8KAY | | KQ5S | KB1HY |
| IZ1JIZ | JA6FEG | 172 | N2TC | KB4KBS |
| IZ8DEO | JH2NWP | CT1AUO | N2YBB | KB8DID |
| JA1IHD | K1GND | E29TGW | N9ATF | KE8G |
| JJ1HLL | K4HEB | EA1P | ON5EQ | N4GBK |
| JR6GHN | KI4TZ | EA3NG | PY2FZ | N8JS |
| K0ABC | LB2TG | IZ8GCP | R3BB | NM4SH |
| K0SRL | N1BRL | JA1UBZ | TA1L | NX1P |
| K3CWF | NA1DX | JA7MWC | W1DAR | SM5AFU |
| K4DET | SM0BSO | JE2DOD | W1ES | SV1XV |
| K4OP | SM2YIP | JM3GXU | ZP6CW | VK7ZE |
| KC3AK | W2FS | K4EZY | ZS5LEE | W1HEO |
| KD8MQY | W4JVN | K9AAA | | W2FDM |
| KM2E | WA7HQD | N0CKC | 169 | W4BH |
| KN6VTC | | N7TW | AJ4IM | W8TM |
| W3KB | 174 | PY2ADR | AK1P | WE2K |
| W4UAT | AE5FM | RA5C | CT1ETE | XE1ILI |
| W4UT | DL5MM | UY2UZ | G8APB | |
| W5IO | DL9SAD | WA4VJK | JA2CKK | 167 |
| W7GTF | DS5QLJ | WA5CMI* | JE7KCI | EI7JZ |
| WC2C | IK8IPL | WO5I | JF3KOA | G4FTC |
| | JA0BES | | JH0IEW | HB9TJG |
| 176 | JH1FRW | 171 | JH1BHW | IW5EIJ |
| 5P5Q | JH1XFR | AB1J | JN1RFY | JA1ASO |
| 5T5PA | K2YSY | CU2AF | JR2PAU | J11DMH |
| E74A | KM4A | CU2CE | K1QN | KB9LIE |
| EA1AHA | KS4WA | G0OSK | KC4AA | KE4BKL |
| G4DDL | N8TFD | G4NBS | KR4U | KU9S |
| IN3FCK | NI4Y | GW0ANA | KW4MM | N8OQ |
| IT9ABN | NN4EE | IK2GOQ | NI8Z | NZ6N |
| JA1PLT | OM2AGN | K0AIZ | OE6BME | SM1NJC |
| JH1SBE | PY2RN | K6JJ | SM7DXQ | UR9IDX |
| J13BFC | W5VU | K9HQM | VA3UU | W5RYA |
| K3GT | W6SIY | K9KDS | VE3FAC | W6ZPL |
| K4IE | WM4AA | KB8KIM | VE3FRR | WA1LAD |
| KA4H | WY2U | KD5R | VK5CE | WA5POK |
| KC5RR | YB0EIN | LU2JCW | W1TO | WR2G |
| KC9WPS | ZL3TE | N3YZ | W3WH | |
| KF8PD | | TA1PB* | W4DWS | 166 |
| NU4Y | 173 | W4CMM | W5WLA | 7Z1HL |
| W4GV | 9A1R | W5GOL | W7BJN | AB9BH |
| WA4TMJ | DL7AA | | WB1ASL | DD9WG |
| WA4USA | EW4A | 170 | WC4B | JA3WMS |
| | G0UII | AC8L | | JE7BUH |

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|------------|------------|------------|------------|------------|
| K2FJ | NZ3M | JE1COB | 158 | F8DZY |
| K2OP | PY2FUL | JE7OEC | DK1NAL | G3PSM |
| N8IK | VK3MB | K3JM | EA5LV | G4ZWY |
| SV2ESW | VU2AE | K3LA | EA8TZ | IU5RTR |
| TG9AJR | W8BI | KC4DM | IK6BMU | J68HZ |
| UA0FDX | W9EBO | KE9UA | IZ8EYN | JA1GLE |
| VA3EJN | | KU2A | JA1CCG | JH1IY |
| W3JXP | 163 | N4LKB | JA2CPD | KO4DKI |
| W7TG | JF2RSF | N9AZZ | JE6PJP | M0NGN |
| WB8QZM | JG3KMT | NH6L | JH2WDT | N4UP |
| ZS1C | JR1HYA | WA3UTC | K8YAH* | N6MM* |
| | JT1CO | WB2RAJ | K9UO | PV8ABC |
| 165 | K0BX* | YB1BML | KB0V | VU2NXM |
| EA4EJP | K3DQB | YO6HSU | KC2WUF | W1GY |
| F5NNN | K3WJV | | N0EUV | W4AFB |
| JA4CSJ | K4GN | 160 | N5EI | W4JDS |
| K2MHE | K5SES | EA6AZ | N9MR* | W8EOG |
| K3GW | K6GCN | EI4BZ | NT5O | YO8PS |
| K4WM | KB8NTY | F5VML | W4TE | |
| K6BR | KM2O | FM5FJ | W6PG | 155 |
| KF4IFF | LA8PDA | HB9MXY | W8PE | DL6ZBN |
| KK4XL | NJ6W | JA1EYN | | EI3HA |
| N3HYB | NW6V | JA6NQT | 157 | EI9HX |
| NN3V | NY4G | JE2SOY | AC4FZ | JF2OHQ |
| SP5AMN | RA3SD | K3MI* | DS4OMS | JH8UGL |
| VA3IC | RW6MBC | K7FL | F5GSJ | JP1EWY |
| VU2ABS | VU3RGB | K8WVA | IZ5GST | K3KY |
| W1MO | W0OGH | KE4KMG | JH1RFM | K6RI |
| W1RG | W6DOE | N4HL | JH4GNE | K7PO |
| W3IZ | | N7PIB | K0GEO | KD2GC |
| W4ARK | 162 | NR5O | K0QB | KF1P |
| W6BBS | AA6XV | VE3TMG | K1LTJ | LB8OH |
| W7YED | AB4FH | VU2TMP | K2RKJ | N0TK |
| WD8LTM | EI4CF | W0PPA | K9IA | N1HO |
| WW3A | JF2SKV | W1ZS | KB5CSQ | N4LV |
| | JH1ORA | W9UM | KD5RBU | N6FS |
| 164 | JQ2MPJ | WC4V | KG6WIK | NR0Q |
| AB7RW | KA1BQP | WM9Q | KM4LS | NZ0O |
| AC0W | KA3GWD | YO6HOY | LA8WG | RK2M |
| DD0VU | KL2R | ZS6RJ | N1SZ | VU2SWS |
| DL5ZB | KM4CQG | | N2XQM | W6DRB |
| DS3EXX | KV8P | 159 | N4LSJ | W8VK |
| G3VQO | LA1J | AC0B | N6VH | WA8Y |
| G4SGX | N1BZ | DL8OH | N8YQX | WB3AVD |
| G6MXL | N3PV | F1OBJ | N9MSG | WU1U |
| I8NLC | N3TR | IV3NVB | PP2FN | YB2TJV |
| JF7NNI | NS4X | IZ7QSS | SP5NON | |
| JG1WNO | ON8PHD | JA2KGQ | TF2LL | 154 |
| K0LU | OZ6EI | JF3AHI | VE3VHH | AA5B |
| K2DC | TF3G | JG1XBM | W2KNG | AD7XG |
| K6ME | WY7FD | JR1LZK | W6ELI | DS5WQT |
| KA5IAU | YV4DYJ | K3RWN | YB9AY | DU1KT |
| KD4CM | | KE7BMG | ZS4JAN | G0FWX |
| N7MB | 161 | KM8V | | IC8SQS |
| N7UJJ | F1BFD | KX6C | 156 | JK1AKA |
| NC6K | IC8XIL | N4UW | AC7JM | K2CDJ |
| NC6RJ | JA2HOL | UA0SC | EA3HPX | K8CR |

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|------------|------------|------------|------------|------------|
| K9AAN | AB5YI | KB7V | KI4NSP | WF5I |
| M3DFW | EI8JB | KH6XT | KX4I | 144 |
| N5MT | IW7EDZ | N1CNG | LU2AH | DJ6OZ |
| UW7UA | IZ4IRO | N1GNB | N2SO | HL2DBP |
| W4GH | JA4DLF | TA1AL | N2YU | IK5ZAJ |
| W6RFF | K0FD | VR2VGM | N9QQK | JH4GXE |
| WC2L | K5KG | W0ZX | W4TNH | K1XGM |
| WM5H | KG5NP | W5PD | | K2IRM |
| WU8T | KN4WOJ | W5WS | 146 | K4GHS |
| 153 | KX2B | W7FI | 7J1ABD | K9BQL |
| AA9WO | N9ATD | W9GFB | 9J2BS | KA9JCP |
| AC9GK | NJ1Q | W9SE | AB1NS | KE3ZT |
| AC9GK | OZ9U | YB0AZ | AE4VJ | KI2Y |
| G8GHD | VE3NKS | ZS2I | AE5LK | KJ7KOJ |
| HB9BMY | W4TUN | ZS6HON | AG5Z | N4WD |
| IU8GNY | WA6MRK | | AI2S | N6DW |
| K4AEN | WB8TGY | 148 | EI3IO | NN6K |
| K4NKT | | AD6KQ | G4EHT | R6TY |
| K6VWE | 150 | AD9DX | IW2FLB | SV1AER |
| KF3N | 7N2JZT | AK4AO | K0ASA | SV3EXP |
| NY7T | AC4XO | AK6I | K0JJR | W4KCM |
| ON4EB | JA1CPN | DL2VWR | K3GO | WB5KSD |
| ON5GF | JA7PKV | DM5JBN | KB8ZUN | |
| PY2AB | JH1CTV | ER0FEO | KO3F | 143 |
| RA3CO | JR4VEV | HC1HN | NT5EE | AK1N* |
| SP1NEN | K4TR | IK0XKP | PA3AIN | DJ5DT |
| VE7SZ | K6OJ | IK8OZV | PY2BT | JA1CPU |
| VE7YY | K8LBT | IZ1EPM | W1MRH | JE4WOK |
| W3KHZ | K9QA | JA7HYE | W3KN | JJ1IRS |
| W4VG | KK4TKJ | JE2VYM | WB1S | K0ARM |
| W8WV | LA9KY | JR4DHK | WI4R | K3WGR |
| WB5ZAM | N0IW | KA1CTL | WJ1B | KB2TGU |
| WJ8Y | N0SL | KA5SYP | | KZ1X |
| YO3GJC | N2CJN | KC2RDW | 145 | N1BKB |
| 152 | N9AVC | N4BRF | AB5GU | N9RE |
| AE5B | NR2D | N4DJT | EA1MV | N9XG |
| AI6P | PA0QRB | ON5RKN | IK6CGO | OK2FB |
| CE3FZ | PT2ND | SM0XG | IZ0COI | SP2LLP |
| DS5JMG | R2ARR | SM3DXC | JA0BEJ | WA1W |
| IU4BJC | TA1CQ | UA6XT | JA2FRC | WA2MUA |
| JA1RRA | WX3P | VU2OY | JA3FRI | WA6URY |
| JK8VMB | YB1AYO | W2ARP | JH1EGT | WF7T |
| K1FUG | 149 | W4EJG | K8MN | |
| K1IG | 7L3SQL | WW5L | K9MQ | 142 |
| K5DXR | A92IO | 147 | KA4AHU | AA2T |
| KD2OV | AA4FU | CT1DMC | KB1AWM | AD8NQ |
| KD9ZR | AA4MM | CT7ABD | KB4CRT | DS5BRE |
| N5SIX | DJ0AH | E73D | KG4OJT | EI2II |
| OH3TY | DS4DRE | EI3ISB | KI0HA | G3VXJ |
| SV2DSJ | EA5XV | JA5CDL | M0PCB | HS1JZT |
| W6OZI | JA2ACI | JA5IBP | M0VCB | JA9KA |
| W9LU | JH1HRJ | K1RI | NA8W | JA9KRO |
| WA2BOT | K3HPA | K4HYJ | OH3GGQ | JE1TNL |
| 151 | K4ZRJ | K7UW | OV2B | JL2ULM |
| AB0RX | K5VG | K9WMS | VE7UM | KF9LI |
| | KA7CVJ | KD9BIE | W3UNX | KX7L |
| | | | W4DN | |

| | | | | |
|------------|------------|------------|------------|------------|
| N3DV | 139 | AJ6X | HS3OY | LA9JKA |
| NE5C | 7Z1CQ | DL9KSM | IS0EBO | N0DL |
| W3MF | AB4BJ | HB9DPO | JA1RBY | N2IFA |
| W7LEB | AF3K | JA3MAT | JM3XZC | N2SG |
| WA7ZXD | AI1W | JA9EJG | K2ZD | N4VN |
| WB6FWS | DK4MX | K0UBR | K9KJ | N6GY |
| WU4B | IZ0GVZ | K4VAC | KS4Q | N8LCU |
| | JA0NPQ | K9JIG | LZ2HM | N9NFT |
| 141 | JS1LQI | KB4DSL | MM1PTT | NC3O |
| EA5PS | K0GK | KB7DT | N4PAJ | SM6WET |
| HB9ARK | K4NI | KC5LT | N5ZY | SQ9DXT |
| I0BJV | K5GZR | N5RN | NN8L | UA0ABB |
| IK2BBU | K8RMC | PA9JO | PV8RR | V31CQ |
| JA7JAA | KS0JD | RM4C | W2GHD | VE3XK |
| K6WY | N2ADE* | SV3GLL | W5TMC | VE7NY |
| KN9N | N4EDT | W0XE | W5YKU | VR2ZXP |
| KX5U | N8TEM | W1GXH | WF4W | W1IZL |
| N0AKC | NB2P | W3/NH7C | | W6QO |
| N5TU | NK7I | W3RMS | 134 | WC9C |
| N8AGU | OH3DP | W9FF | AF9W | YB2BNN |
| N9IXD | OZ9GA | W9TO | DB9CR | |
| NO2C | PY3SB | WA0WOF | DL2DCX | 132 |
| OE6CLD | UA4HAD | WB5TOI | F5ELL | AC5Q |
| RM6LW | VE7VZ | WV0Q | IV3XWD | F4GTB |
| SV7CUD | W9RB | ZR6GR | IZ1UKG | JE4FNC |
| W3ENM | WN1M | | IZ8LMA | JG2NXV |
| W3NRJ | | 136 | K2GW | J11ZS |
| W5HNC | 138 | AA7UN | K4GM | JJ1CWC |
| W7PC | C31MF | AG4TO | K8GT | K4WJ |
| W9FML | F8EZE | AK9L | KA9TOX | K5KEW |
| WA4UWD | HB9HFM | DG1SGW | KC4LZN | K5PC |
| XE2AD | HB9WDF | HL4RBR | KC7CS | KB3KJ |
| YO9GJY | IK8PGE | IT9JPS | KI0KN | KF2ZQ |
| | JA0PZJ | IW0ECV | LZ1MDU | KF6A |
| 140 | JA2LMY | IZ0RPS | N3GTG | LZ1XZ |
| AA9AA | JE6UWU | JA7NGE | N5TW | M0RTP |
| F5DBT | K2KIB | JR4OTP | NK5Z | N4GOA |
| G0HSA | K4AU | K9CHP | PY5VC | N4UFP |
| HB9BEM | K5MMH | KJ4FZ | SV2BXA | NC7M |
| JA1JYS | KC2NJ | OH4KRN | UT9LC | NF6P |
| JK1OTP | KC8IVC | PA5X | VE3EDY | NJ4V |
| K0IO | KF2G | RN0C | VE9VIC | NS0D |
| K8JRK | KL7XO | VK2GR | W0QD | NS7U |
| N1AH | N1FOJ | VK7AP | W3WTD | PY3OG |
| N1UZ | N3OUC | VR2IL | | TF8GX |
| N4GRC | NE1RD | W2RQ | 133 | TG9AWS |
| N7FF | SV2JU | W2WGK | EA2BFM | W6VFA |
| NA6XX | SV3KH | W4IDX | HC1E | W7GSV |
| NA9L | TF1A | WB2AA | JR2CCH | W9CTJ |
| NS0W | VE3BHZ | WM4W | JR6LDE | WA1HXH |
| NZ9Z* | VU2DED | | K2IE | WF8Z |
| OE9DGV | WA1KXV | 135 | K3UT | |
| VR2CC | WO6T | EI9CN | K4CNF | 131 |
| W0MF | YB2IQ | G0MMI | K6EV | AE1T |
| W3ATV | | G4FVZ | K7CMZ | AE7U |
| W7QF | 137 | HC1HC | K7YMG | F6FHZ |
| | A71XX | HL2MHU | KA4LBD | G5CL |

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|------------|------------|------------|------------|------------|
| JA1CCH | EI6GI | W2GGY | PF7M | N0LGU* |
| JA1QEY | HB9AZO | W3GP | PG0S | N0RQ |
| JA1WTO | HB9MZI | W4CC | SM6WXL | N2MN |
| JA3KWZ | IS0/YO3RA | W4LLP | TF1EIN | N4PGL* |
| JH0LME | IZ7QFN | WA8IWK | VA2GA | N5OP |
| JH3PRR | JL3SIK | WD1M | VK4BUI | NS6E |
| JH7CSU | K5LLA | | W7CB | SM6YEC |
| JR3PKO | K7ORK | 127 | W7WES | W0RH |
| K3IRV | KE7AUB | 6K5AQY | WD9IOK | W2YWC |
| K4IU | KG2V | DL5FAC | WW6W | W4SW |
| K7JH | KI6RRD | EA5DKU | | W9KM |
| KG5VK | KW8I | EI4GJB | 125 | WA6VZN |
| LB8CA | N8KUS | F8DHE | AB2NI | WB6RAB |
| N4WOT | NE5W | I1FBJ | AI5EG | WT5L |
| NO3U | NF4L* | JA1PHE | DL1TPY | |
| OH7HM | RA9SAS | K0FF | EA4E | 123 |
| VE2WY | VA3AYA | K4SAW | F5BEG | AA9XA |
| VE7XT | VU2OT | K5WRE | G4PUQ | AC6DD |
| W2UB | W1ARY | K6DJ | IZ1UKF | DJ9KM |
| WF5E | W5RAE | K7LOL | JA9ALR | DL5HU |
| | W8HB | K7LVJ | JA9EEH | F4RST |
| 130 | WD4GZW | K7VL | JE7KQU | IV3EFE |
| AA0BH | WW4N | K8SI | JH6JWE | IW1GEU |
| AA2VG | XE1SAX | KD2NF | JO1SIM | JA1PRV |
| AK0A | | KE8NOA | K3LL | JE6RIJ |
| DJ3EJ | 128 | KF8N* | K4AEH | JJ1XVA |
| I8DKR | 4X4JU | KG4URP | K4MSS | K3RRR |
| IZ2GNQ | 5H8HZ | KJ4QDZ | K8PGJ | KA5OWI |
| JH1OVY | AC2QH | NE6V | KP4ED | KH6P |
| K0SQ | CR7BRV | OH6IH | KW1X | KZ5JEF |
| K4NNQ | HB0RER | TA2RC | KW7XX | N5CR |
| K5NV* | HI3I | VU2IT | LA2XNA | W2OIL |
| K9JE* | IW9FRB | W4WB | LA5HPA | W6NT |
| KE4YOG | JA2KPW | W6CUA | LU9DO | WQ8T |
| KI3O | JJ1IDW | ZL3REX | N0AZZ | |
| KK4ODQ | JK1MZT | | N3DD | 122 |
| KO6UW | K0FJ | 126 | N5XUS | DL6WM |
| M0AQM | K0HQW | DL9CP | NJ2X | EA2RY |
| N2FY | K1HC | G3VDB | NS7K | EI5KI |
| N2YF | K4AVO | GM1TBW | VK2DAG | JH9FCP |
| N8ERL | K5GM | JA0EBV | W0GWK | J11FXS |
| NG4DX | K6CW | JG4OOU | W3LWH | JL7SNM |
| OZ7BQ | K8CJY | JH3IOY | YU1JF | K3QB |
| PY2YW | K8ZEE | JJ1VFE | ZL2DD | K9BR |
| VE2YG | KQ6K | JT1DN | | K9TVG |
| VE7ON | KY6AA | K0JDD | 124 | KL7XD |
| VR2CO | N6BDX | K4RP | AC6FU | KO4XI |
| W0TLX | NQ4A | K7BWC | DS2GOO | KP4DDY |
| W1HQ | NW3U | K9LCR | EI2IP | KR7RK |
| W4OV | OR4K | KD0KZE | HB9BEP | NG0G |
| W5SG | PP5VA | KG8OU | HC2PY | NZ5F |
| W9MB | PV8DX | KM6WXB | JE7FOP | S52R |
| WQ5O | S51MA | N0UCR | K4TMG | SV9FBK |
| | TF1EM | N3TTT | KB4ET | TA1UT |
| 129 | VE3MSC | N8JK | KC0V | VU2MB |
| AC9HJ | VE3QAA | NB3R | KG5POL | VY2RU |
| EA4OR | W1XK | NT4K | KN4OK | W1KKG |

W9LCQ
WA5YOM
WB4JPG
WB6PIH
WD6T
WT3Q
WW1WW

121

DD9WL
DK7VW*
EI9GLB
F6JSZ
G3YFE
HL1OYF
IT9GNG
JA1CC
JI1LLD
JI4HKA
JR4NUN
K0WJ
K3LAB
K3UW
K4RSA
K8FB
K8TLC
KA9JAC
KC1RET
KD2RUY
KG2U
LA4RT
N1GFV
N3CAL
NC8I
VU2XE
W1MJC
W2EQ
W2GM
W5JE
W8TE
ZS2ACP

120

AA4QE
AB8M
DB3KE
EA4ESI
EA4TX
HB9GZE
HS7WMU
IK1RKN
IU8LMC
K1XO
K6SY
KK4MA
KK5J
N0OK

N8XS
NJ8G
NR5R
SM3WMMU
UA3DUJ
VA7DJ
VE2JM
VE7VV
W1USN
W1ZZ
XE1AO
XE3E
YO5QAW
ZL3RIK

119

AC7ZG
AF8C
DL2OW
EI2HZB
F8GB
HA2EQD
K0SQS
K4WSW
K5VSD
KA4KBX
KC5N
KD6WKY
KI0G
KR9A
N5VBK
NA1RL
OM6CI
W0LGQ
W2XX
W9COS
WA2ALY
WD0ANB
YB9WZJ
YU1LD

118

7N4OBV
AC8AZ
AK3E
DB4RG
DD8BA
DJ0CL
DJ5FZ
IZ4GOL
K3FS
K3MSB
K3WSU
K5KDX
K6JAD
KD2UF
KD4EUH

KK5ID
N0ATQ
N8AID
UA1TGQ
VA1SEA
W2MPK
W2RS*
W4/KL7GLL
W5EC
W9JJ
WB4UBS
WB9AZA

117

9K2HM
EI8JX
HA5DI
HL4GHT
IK2WSO
IZ3DBA
JA1DIO
JA5EEU
JE2FUP
JH5OTE
K3ZI
K4PWS
KA4IZN
KY6J
KZ4EX
N2BSA
N3STZ
N4ZR
NJ9Q
VU2MUD
W2ZK
W4POT
W6CN
W7NP
W8YV
WT9U
ZS6NK

116

G3LOJ
IW7DMH
JF1WRV
JH1IHG
K0HB
K0MB
K1JKR
K4BNF
K4HDW
K4LCP
K5PBR
KG4IYS
KI8AE
KJ6YK

N4LS
N4WMB
N9ETH
S51DV
SA7CJO
VE3KKB
VU3WUA
W0QL
W4SKW
W4WCD
W6JJW
W7VP
WB2UFF

115

4S6RYD
A71EM
AA2F
AJ6V
DS5AAQ
GM0SCA
IK4EWN
IU1RLJ
IZ7HNO
IZ7YPK
JE1CTA
JE1FYV
JF1FSW
JK2VOC
JN3XEZ
K1RE
K2CQW
K3OK
K5TU
N0VTZ
N1TQP
N3COB
N6DSC
PV8AAS
R7CD
SM4RGD
SQ2AF
W4DFU
W4FDS
W6EKR
W7GB
WA3HR
WA3YZD
WA8KNE
WB2JFP
WB2MKX
WB8YTZ
YV4EH

114

2E0XAR
AF6O

DK1MCS
DL2NAI
DL4FDM
IK2SYK
K0FTC
K1TWF
K2KYH
K3XC
K9XR
LU6XQB
MM0INH
N1KM
N5MI
N8LAS
NE3K
TA3J
TA7AZC
VE3VV
W1BYH
W2MW
W5MJ
W8EH
WB9WHQ
XE2AU

113

7K1LUE
AA4RX
BD7IBN
DL3ANK
DL9QJ
E70X
EA5HB
EC4KW
F4HAB
GM1DSK
HS5XWY
JA0ADY
JA0IJG
JD1BLY
JG0HEW
JH1GNU
KC4ZA
KD2CYU
KE1IU
KM4ODS
OM4KW
ON7RK
SV4FFL
TA1HZ
VU2JXL
W4LEW*
W5MF
W7EY
W8ZR
WB4PWZ
WB8LEM

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|------------|------------|------------|------------|------------|
| YE1AR | N0MHL | K5ZD | N8KOJ | HI7SB |
| 112 | SP7ASZ | KD8DEU | N9MKC | IK2HKN |
| AC8MR | UX5XK | KE0GHU | SV3RKM | IZ0SPA |
| G4WGE | VU3DJQ | KI5QQG | TF3DT | JA1GQC |
| G4WWG | W1RH | KJ2AM | VE3ZN | JA2RP |
| HB9IBA | W7FS | KU4A | VU2OR | JA5GOJ |
| JA1GFD | W9CLA | LU3XX | W0PMO | JJ1VRO |
| JI1GDS | WA8COB | N1TQ | W9OQI | K0YA |
| JJ3OFL | WB2SNN | N6RVI | WU6K | K1FBI |
| JK1AIA | WB4SIA | N9OI | YB1SKR | K2AMI |
| JQ3TAN | WB9MSM | NA6MB | 107 | K3NO |
| K4AAP | WX0B | NG4C | AA2WC | K4FW |
| K5RQ | WZ9B | NN7O | AG4SO | K5PSN |
| K5YE | 110 | PG2AA | DL5KLX | K9DUR |
| K6SLO | AK4N | RU9F | DL7LX | KC3OPI |
| K9YKL | CT1FPW | RW3QHN | EA1FF | KI4PG |
| KB1OIQ | CT7BQH | VA3VF | EI2LH | LA4DM |
| KB8HRT | DL3XAC | VE7SO | F5PBL | N0IN |
| N4JJS | EA1BLA | W0ZY | FM4LV | N8NIJ |
| N7JXS | EA1NO | W3WN | IK8TEM | N9EA |
| N7MW | EI4GNB | W4CRN | IT9ZEO | N9PWM |
| NC4RY | G3LPS | W5DP | JA2DCN | NA4D |
| ND4K | G4LFU | W5GCX | JA4JSL | VE2GT |
| NF4J | G4LFU | W9GWP | JA5JUG | W0QKL |
| NL8F | JI5WDC | W9IAL | JM7SKE | W2TX |
| TF3MH | K9GL | W9LYN | K0MU | W3TZ |
| VA6SP | KC9IKB | WD0AJG | K2KNB | W4OEP |
| VE1AOE | KD4SR | WN9A | K6BY | W5DWA |
| VE3DIT | KF6I | WZ9W | KR4Q | W7UV |
| W1WCI | LA3ANA | 108 | KV3W | WA7VHT |
| W3SW | N1XL | AB6WQ | N0TNJ | WL7CG |
| W7SMW | N5LKE | AF8P | N1ECC | WV4E |
| W7VV | N5PD | BV6CC | N3PW | 105 |
| WA2IBZ | N7WFK | DJ5AM | N4RT | 7Z1SJ |
| WA3IIA | ND0B | DL7UHD | N6AJR | AA4EA |
| WA4NEL | NT6AA | EI3GV | N6UOZ | AE4G |
| WB4CTX | SM6LPG | EI5FQB | N7TP | AI4EY |
| YB1RQX | W2FDJ | F5VIF | NN5O | EA5DPL |
| YO2OXD | W2PS | G3VAO | OZ5D | EA5WP |
| 111 | W4EY | G3YBY | R2AB | EI4DQ |
| AB3TM | W7WT | JE1GSD | SP7LPD | EI4IZB |
| CT3DZ | WA0CIE | JH3AEF | VA2EU | EI8GVB |
| DU1IVT | WB2BXO | JI1MPS | W0VU | EI8IQ |
| DV3FM | WB4EVH | JI5RPT | W4WNT | F6BZT |
| EI2HIB | WB4HMA | JP1RLN | WX7B | JA1QOQ |
| G0RPM | WV1K | JS2LPJ | YB8HZ | JH1JNR |
| IK7ZLW | 109 | K0CCM | 106 | JN4SNG |
| IZ4COT | 9H1AZ | K4LQ | 5W1SA | JP1TDG |
| JA1DHY | DB2WD | K5HW | AA7DK | K1KQC |
| JA3DLE | EI2FG | K5JUC | DC1TK | K1MDA |
| JF1AZQ | EI6GF | K7WTG | DL3DUE | K1RY |
| K0XM | G0DTX | KA2F | F6ARS | K4ZMV |
| K4HR | HG6IA | KB9S | FM1AG | K5WE |
| K4JDJ | IT9BLB | N3ER | G4HUN | K7ADD |
| KT5V | JJ2BLV | N6PSN | HB9AJY | K7HV |
| | K5IUC | N7WR | | KD4BPZ |

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|------------|------------|------------|------------|--------|
| KF5ER | W7HJ | ZS6CR | EC1AE | AA9D |
| KF5TL | WA2HIP | | G8GNI | AB8YZ |
| KF6XA | WA2NBG | 102 | IZ3GJL | AC0DH |
| KH6CQH | WA3PAK | AA1SU | JA1KZP | AC0XY |
| M5LRO | WB9M | AD4J | JE0EHE | AC8IL |
| N2GSB | WU1T | DB6VH | JE2VFN | AC9DX |
| N4MTT | YO6BHN | DH4RL | JF2UZW | AE6RR |
| N4MWY | ZP9CTS | DU3GKT | JH3GBS | AL7GA* |
| N8TT | | EA8AAH | JH9CEN | CT3EE* |
| N9APK | 103 | F4FPR | JI1BHO | DG7YEO |
| PY1KZ | AA8DC | G4LRG | JM6NVD | DH9DX |
| SO5AS | AB8OU | IU2LFP | K3JMH | DL1QQ |
| VE7GEL | AC0WL | IW8AWZ | K6DEX | EA3DNC |
| W6KF | AG1T | JA0BXP | K7IA | EI5EV |
| W9IE | C93PA | JI8BRZ | K9IZT | EI6DTB |
| YB6LAY | DJ4LR | JJ1QJP | K9ZG | EI9HQ |
| ZL1IM | DL6ZNG | JP1KHY | KB4FB | EW4DX |
| ZS6AKU | DM5TI | JQ3JUK | KC3MAL | F5JWH |
| | G4NAQ | K0OOK | KC3NIE | G0GFC |
| 104 | G8GFF | K4NLL | KD4QMY | G8JUS |
| A71UN/P | HI8S | K5HX | KG4TEI | IK7NXU |
| AC7DX | HS1FVL | K6XJ | KJ8N | IS0HXK |
| AF6WU | IS0BZR | KA3CZY | KN6HIP | IZ1XBB |
| AF7WM | IU0HXY | KC1UX | KT7P | JG3LDD |
| AG5ND | JA5ALE | KI4SFT | LA8FNA | JH6WMG |
| AJ9U | JF1UOW | N0JDK | N4HUF | JJ1HHJ |
| AP2IA | JG1LFF | N0SFF | N4PHH | JJ1SZA |
| DS5KJR | JG5VFK | N1KI | N7WRH | JK1CEK |
| EA1AA | JR1WCS | N4DIA | N8OYY | JL1JJD |
| G4GEE | K6JAV | N4DOU | N9ZJ | JQ6NNK |
| HB9CXK | K9LC | N4QOG | NM2D | K0PG |
| IK2HLM | KA8HDE | N9ITB | ON5BVB | K1PU |
| IS0BQE | KB2FMH | N9NBC | PC5F | K2ITT |
| JA1QFX | KB2GCG | NZ1I | PT2DF | K3TXW |
| JA3VUI | KC8RPV | OK2QQ | UX4UM | K4DXT |
| JK3NSD | KJ4SKO | RZ6MJ | VA2SS | K4KYN |
| K4QS | M0PTZ | T88UW | VE7DAY | K6BLG |
| K6TT | N2BT | TG9AKH | W1GF | K6DAV |
| K7FDR | N2XTT | VE3AXW | W2PTP | K7RB |
| K7UWR | N2YCH | W0RMS | W2SUB | K8DTF |
| KA0IQT | N4CBS | W3UTD | W4PM | K8VE |
| KB3Z | N4NYY | W4QJ | W4VZH | K9EA |
| KI3F | N4PF | W7AUM | W4YR | KB5YN |
| KJ5RC | N9KQQ | W7DGP | W6DQ | KB7ZUT |
| LX2KD | OZ5JQ | WA1DD | W8QW | KC8YG |
| LZ1JZ | OZ5VO | WM4R | W9ZT | KD1DT |
| N1MIE | SM4FYX | WU9D | WA1UZO | KE0QPG |
| N3EA | VA3WEB | WV4Y | WA4RYW | KE1AU |
| N4IR | W4CU | YO4CPO | WB5HJV | KF4JHG |
| N6GEE | W5TZX | | WB9AIS | KF5BA |
| N8WXQ | W7DEG | 101 | WD4OHD | KK6MF |
| NK7L | W8FAX | A41MK | WJ5K | KL7QW |
| NP4AA | WA4IXW | A41ZZ | WS4WW | LA6JKA |
| R7LA | WB3EVL | AA6E | YO2ADQ | N0JX |
| R9GM | WB8PKK | DK7GH | | N2EI |
| W4BZM | WD8KRV | DL4KUG | 100 | N2QLT |
| W4GKR | WW5RC | DL5JH | 6K5XZE | N3NVA |

N3VJ
N4FKH
N5LJL
N5YJZ
N6AKI
N8ZFM
N9VPV
NJ9C
NW2I
NX6D
OE7BJT
PY1NS
PY4OG
R3LC
SM6STI
SP2BUW*
SP5BMU
SP9FWQ
SV1EOS
VE2ACP
VE3GFN
VE3NLS
VK2IS
VR2UNG
W1AVK
W2ECK
W3JM
W3TC
W4CG
W4ETB
W4MIG
W4MOS
W4VAB
W6WVW
W8BFT
W8BZY
W9TVX
WA2FAA
WA2VJL
WA4GPM
WB0RXQ
WB2VLM
WB2ZEX
WD5FCA
WI0E
YB0KTT
YB1BUL
YB3LZ
YB8BRI