

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 31 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 | K9MM N6AR SP8AJK W9ZR | OZ3PZ SM4DHF WX4G | 351 AA4V CT1BH DJ4XA G3TXF G4BWP JA0AXV JA2VPO JA3PIS JA5AUC JA5IU JA8DNV JF1PUW K0IEA K0KX K2UO K8PT K9EU N2LT N2TK N5AW SM5AQD W1GL WB6RSE | N3XX N4XM N5UR N6JV NY0V PE5T PY2BW SM4EMO SP8NR W3AP W3UR |
| 373 OK1ADM | 360 JH1GZE W1NG | 354 DJ9ZB I4MKN JA8EAT JR1CBC KF2O N7RT SM5CZQ SM6CNN SP5EWY VE1YX | 349 DK1FW EA6SX F6BKI HB9BZA IK1GPG JA9APS JE7JDL JF7XKY JH1TWT JR2KDN K0DEQ K3FN K8SIX K9ALP N1DG N4CH OZ1BTE SP3E VE3EJ W2LO W3NO W3YX W9RN | |
| 371 W4DR | 359 DJ8NK JA1BK JA1EOD N8DX | 353 F6EXV I6FLD JA2JPA JA3EMU JA5EXW JH4IFF K3UA K6YRA NR1R UA4HBW | 350 AA7A DF3CB DJ9KG G3XTT IK6DLK JA0UUA JA1HGY JA1LSP JA2JNA JA6BZI JE2LUN JE2URF JE3EDJ JH2UVL K2VV N0XA | |
| 370 W9YSX | 358 N4CC OH1XX | | | |
| 369 G3KMA | 357 JA1ELY JA3APL JH1IFS OH2BU W4DKS | | | |
| 368 OZ1LO W1JR | 356 DJ4AX DJ6RX HB9AMO JA2KVD JR3IIR N4WW W3LPL | | | |
| 367 K4MQG SM0AJU | | 352 AA1V DJ5JH DK9KX F6AOJ K0JS K1ST K4ZYU SM6CMU VA3DX VE3XN W8DCH W8UVZ WA1JMP | | |
| 364 4X4DK K2TQC SM6CVX | 355 HA0DU JA3FYC JA4DND K4CIA K4PI K4UTE | | | |
| 363 K4FJ K5UR N4MM | | | | |
| 362 JA4DLP K4DY OK1MP | | | | |
| 361 DJ2YA JA2JW K8MFO | | | | |

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|------------|------------|------------|------------|------------|
| JA2IVK | JA1GRM | IK4GME | YO9HP | N4DW |
| JA7JWF | JA2FJP | IV3JVJ | | N4PQX |
| JE1DXC | JA5AQC | JA1IOA | 342 | N5ZM |
| JE8BKW | JE1SYN | JA2VMU | 9A2NA | N7US |
| JF3KON | JF1KKV | JA9CWJ | AA1QD | N8TR |
| JH4UYB | JH1QAX | JE2LPC | AD5Q | NJ6P |
| JM1VRW | JJ2LPV | JR6FC | DF3GY | OE8HIK |
| JP1NWZ | JJ3PRT | K1BD | G4GIR | OE8RT |
| K0EU | JK1UVP | K4HGX | G4OBK | SL0ZG |
| K0TJ | JR3GWZ | K5ZK | HB9BIN | SP6CIK |
| K1HTV | K1DG | K6FG | JA2TBS | SP6M |
| K9ZO | K2UU | K9NU | JA9TWN | UA3AB |
| KW9A | K6AM | LZ2DF | JH0INP | |
| NS6C | LA7JO | N8BM | JI1DHY | 340 |
| OH2BLD | LU2NI | N9US | JQ3DUE | AA4HP |
| PY2XB | N4AH | OE3EVA | JR1BLX | AB4IQ |
| PY2YP | N4NX | SP7ITB | JR1WCT | CT4NH |
| PY4OY | NI0G | W0MHK | JS3CTQ | EA1JO |
| R7LV | UT5UGR | W1ECT | K4XP | EA8AKN |
| SP2FAX | W9MU | W5BPT | KA1ERL | F3SG |
| W7UT | WI8A | W5FKX | KU0A | I4EWH |
| | | W8CZN | N8DJX | JA0LFV |
| | | YO3APJ | N8JV | JA1KQX |
| | | ZS6EZ | R4GM | JA1XCZ |
| 347 | 345 | | SM5KNV | JA7BEW |
| AG9S | AA6YQ | 343 | SM6CTQ | JA7MSQ |
| DL5DSM | DJ9HX | EA5BY | SP9DWT | JF1WPB |
| IK5HHA | F6DAY | HA5WA | W0DJC | JJ1SKG |
| JA0GJJ | HB9RG | I0WDX | W0VX | JL1XMM |
| JA1QXC | I0MWI | JA0EOK | W1RM | K1OA |
| JA2FBY | I5KKW | JA1XPQ | W2YC | K2TK |
| JA2FGL | JA2AH | JA2JRG | W4PK | KE9L |
| JA3AZD | JA6BZA | JA2XYO | W5XC | KG4W |
| JA4LKB | JA7IC | JA6CBG | W7AO | N1NK |
| JA5MHD | JH2FXK | JA7FWR | WD5COV | N4GN |
| JA9FPI | JH2SON | JA9FAI | WT8C | NK1K |
| JG3QZN | JI4POR | JH4JNG | | NU8Z |
| JR1DUP | JR7VHZ | JL1UXH | 341 | OE2LCM |
| K4QL | JR9LKE | JR1BAS | CT1APE | OK3GU |
| K4XO | K2RW | JR1JGA | EA2IA | ON4CD |
| N0AT | K3WC | K5RK | EA5RM | ON4IZ |
| OZ4O | K5KC | K9IR | G0JHC | R3OK |
| PA3FQA | KS1J | KD5M | G3LZQ | RU3FM |
| SM3EVR | NN4T | LA7AFA | G3RAU | SM5ARL |
| SM5CEU | OE6IMD | NO8D | HL3IUA | UA3AGW |
| SP5CJQ | SM3NRY | ON7TK | IK8HJC | W2AY |
| W0BV | SP7GAQ | SM6CCO | JA8EJO | W4TJE |
| W7MO | W1DIG | SP1JRF | JH1SJN | W6XA |
| W7OM | W4UM | SP3EPK | JR2LJO | YO5BRZ |
| W9OP | W6SR | SV1JG | JR2UBS | ZL3JT |
| | | UA6A | K2SHZ | ZS4TX |
| 346 | 344 | VE6WQ | K4IQJ | |
| CT1EEB | AD1C | W1KSZ | K4SE | 339 |
| DJ5FI | DF4PL | W9IXX | K5DU | AA1ON |
| DK5WL | DJ9ON | WA4FFW | K7NN | AC4G |
| DL4MCF | DL7MAE | WB9Z | KQ8M | DJ9RR |
| EA5BM | G0DQS | WK3N | KV7K | DL2OE |
| I4LCK | GM3YTS | | | |
| JA1FVE | HB9BGV | | | |

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|------------|------------|------------|------------|------------|
| EU7A | K8FL | W2NO | K2LS | W0SR |
| EY8MM | KC7V | W4DC | K2XF | W2XI |
| F3AT | N3NT | W5OZI | K5AQ | W3SB |
| G3NDC | N4DB | W6XK | K6ND | W5TCX |
| GM3POI | N5OK | W9PZT | K7EG | W7CT |
| I5NPH | NI6T | WA5VGI | K8WK | W7FP |
| IK4DRR | OE3GCU | WL7E | K9YY | WD0DAN |
| JA0NZR | OH6NIO | | KF0QR | |
| JA1VLK | PY5HOT | 336 | KQ3F | 333 |
| JA2DPC | SM6DHU | AB9V | LA5IIA | CT1IUA |
| JA2WYN | SP5DIR | FK8CP | N4QS | DL5WW |
| JA3GN | UA3AP | HB9CEX | N4TL | DL9TJ |
| JA9GPG | UX1UA | IK5PWQ | OE1AZS | DM5EE |
| JE2OVG | UY5ZZ | IT9DAA | RW3RN | EA3GP |
| JH1KLE | VE3EXY | JA0DIN | SM2GCQ | HB0CC |
| JI8DGO | VE3FF | JA1JAT | UR0MC | JA1XEC |
| JM2RUV | W1YM | JA3EOP | VE3LYC | JA9IFF |
| K1EFI | W8AV | JA4FKX | W1LW | JK1EXO |
| K2FF | W9RPM | JE1VTZ | W2IRT | JN1BMX |
| K3PA | WA6F | JH8RZJ | W3LL | K6KLY |
| K3WW | WB2GOK | JJ3HGJ | W6TMD | K7WP |
| K4MWB | YV1DIG | JR3OEH | WA1S | K7ZV |
| K7ZA | | K5MC | YB5QZ | KA8ZPE |
| N2BJ | 337 | K6RO | | NA5C |
| N5XZ | AB6QM | K9NW | 334 | NW7E |
| N9AU | AD6W | K9RR | DL5CW | R9FM |
| PY5EG | EA9IE | KG7H | G3OAG | VE3BW |
| R5AJ | GM0GAV | KX4R | G4PWA | W5CIA |
| SM4DDE | IK4PLW | N2TN | HB9DHK | W6TC |
| SP1S | JA0CRI | N5ORT | I2EOW | WA4BIM |
| SP7VC | JA1FQI | N5TY | IK0HFO | WB9CIF |
| UT9FJ | JA5BEN | OZ1AXG | JA0A00 | WC4B |
| W1YIF | JA5WIZ | RA7A | JA1ANR | WE9R |
| W5ZN | JA7XBG | SK7AX | JA1SJV | |
| W6YI | JA8NFV | SM3VAC | JA2BDR | 332 |
| W9OL | JE1GWO | SM6BZV | JA4ITW | AA8OY |
| WB4TDH | JH1NYM | W2LK | JA6VQA | AB5C |
| YO7LCB | JH1XFR | W3OA | JA6WJL | EA5AT |
| | JH2AYB | W5AJ | JH1JNR | HB9DDZ |
| 338 | JR4LNG | W8GC | JH3CUL | HL2IFR |
| AA5AU | K0TT | W8OI | JH4ALY | IK0PEA |
| AA6AA | K1AR | W9ILY | JK1GOK | JA1KPH |
| DF2RG | K6YUI | WA2VYA | JO7WXN | JA7QVI |
| DK5AD | K8BL | WA8WV | K1YR | JF2UPM |
| DL6KR | K9SM | | K5XI | JH1BAM |
| EI7BA | KA9CFD | 335 | K9CT | JH1IED |
| F2JD | KP2A | EW2A | K9RX | JI2KXK |
| HL3DE | N8RR | IZ5EKV | KK0M | JI3CJP |
| JA5XAE | NN4SS | JA2XCR | KM1D | K1HT |
| JA7KY | OE1ZL | JA2ZL | KS3F | K5EK |
| JE8TGI | ON4AOI | JA4MRL | LA2QM | K7GEX |
| JH1HHC | OZ1CTK | JG1WSC | LA8PT | K8AV |
| JH3VNC | RZ3AM | JJ1DWT | N8KOL | N8SNM |
| JH4FEB | SM0CCM | JM1HJG | N9RS | R3VA |
| K4CN | SV1RK | JN3SAC | ON4IQ | RA3CQ |
| K4MS | W0YG | JS2LHI | R6AF | SV1FJA |
| K5BG | W2GW | K1LD | R7DX | UA6MF |

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|------------|------------|------------|------------|------------|
| VE1DX | K8YTO | JA9GLW | RV3LO | VE3CFK |
| VE2TZT | LU3CQ | JE8LWZ | S57AT | 324 |
| W0AWL | N1RK | JG8FWH | W2QO | 5B4AHJ |
| W1SKU | N4II | JH3GRO | W4HG | DO4DXA |
| W5WT | NE3F | JH4BTI | W8HW | F5CQ |
| WF2S | PY1KN | JH4CBM | WA1YTW | HL2WA |
| 331 | SM3NXS | JK1OPL | WB3LHD | I5OYY |
| AA5AT | SP1MGM | JL2JVX | WB9EEE | JA1BPA |
| EA8BYR | SV1DPI | JM1FHL | YS1RR | JA2LHG |
| F9XL | W0HBH | K1GG | 326 | JA2VQF |
| G4CCZ | W5LT | K4EM | A45XR | JA9NLE |
| G4CCZ | W7LR | K4SO | CT1DKS | JJ1OKK |
| HB9DDO | 329 | K6FW | CU2DX | JJ1TKN |
| HK3W | 4Z4DX | KN5O | G0BLB | K2AJY |
| I5HOR | 9H1SP | KT1J | JA1WSK | K5UO |
| IK2QPR | AF2C | LA2PA | JH3GFA | K5WAF |
| IZ0AEG | DL5EBE | LA5HE | JH8NBJ | K6SIK |
| JA6HQT | DL6CNG | LU8EKC | JL1BYZ | N5DG |
| JA7BWT | F5PAC | N6RV | K0BJ | N5JB |
| JA8LRG | G5LP | PY2IQ | K2NV | N9JV |
| JR7WFC | HA9PP | PY2XU | K3UL | NF4A |
| K4HB | IK4AUY | R7NW | K5RT | OE8SPW |
| K9US | IK8YTA | SM5CAK | KI0KB | ON6AA |
| KC6X | JA1CZI | UN6T | LB8DC | R9TO |
| KD3CQ | JA1IZZ | UT7UJ | N4QQ | RA9CMO |
| KZ4V | JA3RQ | VE3VHB | N8PW | RU3QR |
| N1IBM | JA7FTR | W0RX | SM3DXC | UR5EDX |
| NN4R | JG3SKK | W2SM | SP3CGK | W2GG |
| PA5TT | JH1APK | W3KX | UA3DPM | W7DO |
| RM0F | JK1UNZ | W4BP | UA4LY | WB7B |
| RN3QN | JL1RUC | WK7E | VE6AX | 323 |
| SP5IWA | K8QM | 327 | W4YCH | AJ6T |
| SP6HEQ | KC9ARR | AA4R | W7AL | DL1KUR |
| SV8CS | KM3J | AA8CH | 325 | EA3EQT |
| UA9FAR | N1RR | E72A | EA6VQ | EA3GHQ |
| W2JU | N8BJQ | EA1N | EI6FR | EA3GHZ |
| WA7NB | N9FN | HL3GOB | JA5BGA | JA3VPA |
| WB8ZRL | NE1B | I3BUI | JA7LGE | JA9NFO |
| WD9DZV | OE1WEU | JA2ATE | JE2EHP | JE1LFX |
| 330 | PA3EWP | JA2CXF | JH1AQN | JF1NZW |
| 4X4JU | PY2KP | JH1IAQ | JH1ORA | JF2XGF |
| AE5E | PY2NQ | JH3SIF | JM1SZY | JJ6DGP |
| DK2JX | SV1IW | JH4ADV | K0KT | K1RO |
| DL4CF | W3BW | JH7RXU | K0KVR | K8NVR |
| EA7TV | W6ENZ | JL1MWI | K1KO | N1SV |
| GM0AXY | 328 | K0GY | K3RA | RX3AGD |
| IK5RUN | 9A4W | K1LI | K8TL | SM4CTI |
| JA1SYY | AI9L | K5VIP | K8UT | SV2DGH |
| JA2FSM | CT1BWW | K8AJK | K9JF | UT2UB |
| JA6BEE | G3SVD | K9XD | KB0EO | W1ZT |
| JA8EOT | HB9BOI | KN6KI | KR2Q | W4OX |
| JE6TSP | I1EIS | N1GC | LA7HJA | W6NWS |
| JE7JZT | IK2YCW | N6HC | LA9AJA | WA2NPD |
| JE8CLT | IV3YYK | NQ1K | PP1CZ | |
| JR0EQQ | JA0GCI | PY5EW | RW7M | |
| K0JUH | | RA0FF | | |

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| 322 | W5GZ | NN4X | K7UA | K1NTR |
| AA9A | W6CUA | RL3FA | LA5LJA | K2BA |
| AI6Z | W9AJ | RW4NN | N0RN | K2UR |
| DL1DUO | WA8CDU | W0TM | N1API | K7BV |
| HA7TM | YO2RR | W8KEN | N7HN | K9ARZ |
| IU7QBB | | W8TN | N8OC | KR4F |
| JA3LDH | 320 | WB0TVY | NQ7R | N9RD |
| JA6TMU | CX6VM | | NU1O | PA3CSR |
| JA8EKU | E73Y | 318 | R0FA | UA0BA |
| JF2WGN | EA6ET | AA8LL | R5DT | VE3EK |
| JH1AGU | IK2SGB | DK7YY | W3RJW | VE6LB |
| JJ2RCJ | IV3TMV | DM2DXA | W5ODD | WA4QMQ |
| JQ1IBI | IW1ARB | EC3A | ZS1LS | |
| JR4OZR | IZ1LBG | EV1R | | 314 |
| K0AZ | JA9AGN | HB9SLO | 316 | AA8R |
| K8OM | JF1LZQ | JF8QNF | AF9H | F5UJK |
| K9MK | K3NK | JH3HTD | F5PBM | GM3YOR |
| KB1JZU | K6IPM | JK1VXE | G0EHO | I1FQH |
| N3RC | K6KO | K2PK | G0OIL | JA1SGU |
| N6OJ | K7LJ | K3PP | G3KWK | JA8BNP |
| N6UK | K9FN | K4HMB | HA7UW | JH6PFY |
| ND0N | K9GA | K6PJ | HK4SAN | K1PL |
| ON4CAS | N4IG | K7ACZ | HP2AT | K3JT |
| OZ1ACB | N5LZ | K8NK | IV3TDM | K3PT |
| SM0NJO | N7KA | KJ6P | JA4HAW | K3SEW |
| SM5CLE | N8RF | LU6ETB | JA7LMZ | K8AJS |
| SM6CUK | PY5CC | N5ET | JG3FEA | KA4RRU |
| SV1GYG | RA1QD | N8LJ | JG3LGD | KC5LK |
| W3GQ | RA3QK | NA9A | JH1VHU | KW4V |
| W4FQT | SM2OAN | NX0I | K3XA | N2FF |
| W4SK | SP7HOV | OZ4VW | K4XD | N6DX |
| W7ZJ | US0KW | UT7UV | K8YSE | SV9COL |
| | W0TT | W0FLS | K9MBQ | W1YRC |
| 321 | W6AEA | W1AO | K9OT | W2CG |
| AB3CV | W9JA | W1EQ | K9ZM | W6RS |
| AC0A | WD4LBR | W2FV | KD0PO | WA1FCN |
| DL2CHN | WT4Q | W2LE | KQ4AV | YO3JF |
| IZ8FFA | XE2CQ | W2OO | NE0DX | |
| JA0CIU | ZS6WB | W3MR | OE3SGU | 313 |
| JE3SSL | | W5ZO | OE5BWN | DK8MCT |
| JH1UBK | 319 | W6YOO | OH5VT | HS1NGR |
| JR6LLN | AH7C | W8HC | SV3DCX | I5XFD |
| K7XB | EA3WD | W8RLS | UA3TT | IK0LNN |
| K8EUR | IZ2AMW | W9IL | VE3YF | IZ2FOS |
| K8GI | JA1BNW | WA3AFS | W5PF | IZ8EJB |
| KM1C | JA1DM | ZL1BYZ | W7CA | JA3BXF |
| KU8X | JA1RTX | ZS2DL | YB1UUN | JA3MHA |
| LU4FPZ | JA5FBZ | | | JH1RGG |
| LZ2JE | JH1OBS | 317 | 315 | JH3KAI |
| MD0CCE | JH7RTQ | CT1GFK | AB0CT | JM1LPN |
| N0KV | JP1IOF | DL7BA | EA6NB | JR1EYB |
| N5GH | K6UM | EA8RR | HB9TKS | JR3TOE |
| NA2X | KM4H | JA1XRA | I4KDJ | K5VWW |
| RX4HZ | LA9FFA | JA8BAR | IZ5BAM | K8FH |
| SM5CZK | N0RB | JH2AQI | JE2DZC | N2NS |
| VE1JBC | N2NL | JH7NTW | JI1NJC | N4RWG |
| W1ITU | N6KZ | JR0AMD | JN1RQV | N9ISN |

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|------------|------------|------------|------------|------------|
| N9KW | N4JQQ | N2LM | RK4FD | CT3HF |
| NK0S | N7BT | OH4UI | SP6A | EW4M |
| OE2GEN | SM6BGG | SM0MPV | VU2PTT | HB9LCW |
| RU6L | SP5ES | WB2BIN | W1VT | IZ4DPV |
| S55DX | SP6DNZ | WZ8P | W2ZI | JA0PE |
| W2YR | SV9AHZ | 308 | W7AH | JA1EMQ |
| W5PJR | W4VIC | E21EIC | W7QDM | JH4RLY |
| W7BEM | W5GAI | G4ZOY | WO7R | JK1ODA |
| WA5IPS | W5ZE | G8DX | 306 | K1ZE |
| XE1J | W8JRK | HL4CBX | AK5X | K4RG |
| XE1KK | W8MET | IK5PWN | CU3EJ | K5TT |
| 312 | ZL4TT | IW0HQE | DL1HRN | KE3D |
| AB5A | 310 | IZ5RVG | IT9RTA | KF2DT |
| CU2AP | DL6ZXG | JA1DDZ | JH1VUO | KK4OK |
| DJ2RB | EA5OX | JA2NDQ | JR2WCX | N6MZ |
| DL1TRK | IV3GOW | JA3XNH | JR3QHJ | RA3SS |
| EA8MT | JA2IYJ | JA4DHN | JR4NUN | RD3AW |
| F2NH | JA4ZA | JH3GCN | K4MM | VE3CRG |
| F4BKV | JH1WJR | JM1JZN | K4PB | VU2NKS |
| I0JBL | JR1VAY | K0BBC | KX2A | W2NRA |
| IK0XBX | K4JJW | K0KG | MM0EAX | W6RKC |
| JE2RDO | K4WNW | K1SM | N4HID | WA1PMA |
| K0GD | K5GH | K4JLD | N7NG | WA3GFM |
| K5MT | KB8VAO | K7UT | NA2U | WA4LOX |
| LA3WAA | KM6HB | KJ6NZ | PA0ZH | WA9PIE |
| N5MOA | N4NW | N2WB | R9SA | WB2NPY |
| ON4ANN | N6PEQ | N5ZC | SK3PY | WB8BPU |
| PY7DJ | N7IR | ON5UE | W6RW | 303 |
| SM5BMB | N7XR | PY2VA | W9ZJ | 4O3A |
| SP3IBS | OE5FIN | SP8HKT | WB2GAI | 4X6ZK |
| W1BR | ON4EB | SV2AEL | WB5JID | AG5W |
| W5WP | R8TX | W0LS | 305 | DS5ACV |
| W7YAQ | W0KEU | W0QQ | EI9FBB | HB9CXZ |
| W8IQ | W8LGJ | W3ACO | G3KMQ | HB9DHG |
| 311 | WA3C | WB2WPM | I8JIT | HL3AMO |
| AA5AM | WB3JFS | XE1MEX | JA2ITK | IZ8FWN |
| DL1SMA | 309 | ZS1A | JH1DGQ | IZ8XQC |
| GM3PPE | DS1JFY | 307 | JI1MNT | JE3ENP |
| IK0HBN | G0VXE | AA4NC | JI1UHZ | JM1GHT |
| IK2RPE | HL4CJG | DK3WW | K1LPS | JR5JAJ |
| IT9CVO | IK0UTM | EA1RT | K1LT | K4VIG |
| IW0SAF | IW1QN | EA7DUD | K6MKF | K5DHY |
| IZ8DFO | IZ4MJP | EI9JF | KD0Q | N2AJ |
| JA1FNO | IZ8FDH | HB3YFC | KF0LA | N5TW |
| JA1OVF | JA0LXP | IZ3ENH | NC4RB | PA7RA |
| JA3EY | JA1RAE | JA1VRU | UA0FO | UA3ECJ |
| JH4HMG | JA2MNB | JA8CJY | UN3GX | W0ANZ |
| JJ2VLY | JA7MAD | JH2BNL | VE3YV | W1WC |
| K3VAT | JH1OGT | JR8AMF | W2YK | W2JLK |
| K5ALQ | JI3BFC | K1USA | W8QZA/QRP | W3FI |
| K5KG | K1CBK | K2AZ | ZL2IFB | W8BBQ |
| K8BN | K1ESE | K5PS | 304 | W9HBH |
| KB1EFS | K4JAF | N7MQ | 9K2GS | YB0COU |
| KD4OS | KE1F | NV9L | AF4HX | 302 |
| KE9I | LU8ADX | NZ3O | | 7K1PTT |

9A4T
DL2SWN
EB3CW
FG5FR
G3VPW
HB9ZS
I2DMI
IV3VBM
IZ0RVI
JA2VHO
JE1IBI
JF1RYU
JM1JIV
K2AT
K4ZO
K7GM
K9QFR
K9UQN
KG6I
KR6C
RU1AB
SM4OLL
SM5CSS
W7HPW

301

9K2OD
HL2KV
IT9BLB
IZ3ETU
JA1HOM
JA9AA
JH2AJY
JH8KFE
JO4CFV
K2RSK
K5RJ
LA9VFA
N1KC
N4SC
OZ7DN
W1TO
W6JTI
W8MHW
WB4YDL
XE1RBV

300

DL6JZ
EA1AF
EI2GLB
JA1GLE
JA2EPW
JE4FNC
JG2NLN
JH1ACA
JH1FVE

JJ1BMB
K2CBI
K3LR
K9ZG
KD4W
LA8HGA
N1QY
N8PCN
NA4MM
ND4X
PA0TCA
SM4AZQ
UN7TW
W2OIB
W4RDX
W5VY
W5ZG

299

CT3KN
DS4AKP
EU1KY
HB9CQK
IZ8IEV
JA8UIV
JG0CQK
JH1ADY
JH1BNC
JN7DOS
K1ACL
K1DT
K6SRZ
N4HB
N7VPN
NA5Q
SM7NDX
SV1CQN
VK3HJ
W1KDA
W6PJ
W9MJ
WA0ROI
WA1EHK
WA8MCD
WX0B

298

AF5CC
AJ8MH
EW1BA
F6FYD
G3VAO
IK2DZN
IK8EPC
IW0HOU
JA1PUK
JA2FBC

JA3WLN
JA8FFM
JK1TCV
JR1MLU
JR7FRW
K5CR
KS0M
N1ZZ
N3KN
N4XP
N7RD
NA5DX
ND0C/QRP
RW4CY
SM7CQY
UN7LZ
W6DE
W9FI
YB1AR
YL2KF

297

CT1ELF
DL3KZA
DS2BGV
HB9BAT
JA7GAP
JA9PQ
JF1JTQ
JH3FUK
J11CYX
JK1WSH
JR0PJR
N2SQW
N7TY
N9SF
NW4M
OZ5NJ
W2TB
W3JX
W5JAY
W8WEJ
W9GXR
WA4TII
WF4U

296

A65CA
AB4SF
CT3MD
EA1KY
IK2PZC
JA2HYD
JA3WMS
JA9EEH
JE1PNX
JF1IRW

JH4GJR
JR4LZX
K2AX
K2FW
N8XI
OM4EX
SP6JIU
UW2ZM
W0CP
W9GG
WA0RVK

295

9M6YBG
CT1AUO
DJ3AS
HB9IQB
IZ8VYU
JA1MZL
JA2QXP
JL7BRH
JR1FHP
K1RV
K5TA
K6BV
K7KB
KF7PG
N4LR
N8NN
ND4V
PY2GG
SV1VS
VA7ZT
W2WG
W4GIW
W5WLA
W6SHY
YO2CMI

294

4X1RU
AA3LX
DF7EE
EA5RD
JA3HBF
JF3PNQ
JH0RVY
JR3UIC
K1JIU
K6XN
N6PSE
N8SHZ
NF1G
PA0JSE
SM3LGO
SM5OJH
UR5FEO

UX5UO
W1UK
W4KA
WA9GON
YO9FNP

293

CT1EAV
EW1KP
HL3ERJ
IZ8GGF
JA1DCO
JA2KTP
JA3BG
JI4WAO
JM1CMA
JR1EFG
K0DEW
K4WES
K6CF
K6LRN
K8DV
KH2L
LA3MHA
N7TR
N9BX
PA7TWO
SM0XBI
W3NS
W5SL
W7VY
ZL4AS

292

A65BR
AJ4A
DL5XL
EI8IU
HL2CFY
IK4IYC
JA7VEI
K2SN
K3EA
K4ST
K5ZD
K6EID
K9NR
KD6UO
KE9S
N2KX
N2WLG
N5KM
SM5FWW
W0UVC
W6WF
XE2MX

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|------------|------------|------------|------------|------------|
| 291 | JA4GXS | LA7GIA | W8NN | JH8LEY |
| DF2GH | JH1IZR | N0OK | | K1GE |
| DL8SDC | JH1OVY | N9UA | 284 | K1KA |
| I1LGR | JH1RFM | OH2IS | CT1BWU | K2MHE |
| IV3XNF | JK1AJX | OZ1LCG | DJ0UT | K4JC |
| JE2VLG | JK1BSM | OZ6EI | DS5TOS | K5WBM |
| JH0BQX | K0MD | PZ5RA | HL4GAV | K6EME |
| JI1CQA | K8YYY | RA3BL | IK0AGU | K8ROX |
| K3FRK | KE4UW | RQ3A | JA1ERB | KI5BLU |
| K4EA | LA0FA | SP1DSZ | JA1IVY | N0ABA |
| K9YC | M0TTB | VU2CPL | K5JZ | OH1JP |
| KA1DJ | N1JP | W1ZK | K8RRT | W6OUL |
| KI1U | N4TV | W2KA | KA6BIM | W6TK |
| LB2TB | N7UN | W5QM | KE0A | WC1M |
| N9AOL | NE8P | W7HR | KM2E | |
| PC3T | ON4ATW | W7MEM | N0ODK | 281 |
| SV1ACK | RN9N | WY0V | N1IA | CT1FUH |
| W4NK | W3BJ | YO4DW | N2YBB | DL2RTL |
| W7IU | W4UCK | | N4FN | DS3HWS |
| W8WVM | W9EWZ | 286 | N7DED | EA4UV |
| W9ZCL | WW2DX | CT3DL | OH1ZK | G3LUW |
| WF4G | YB9WZJ | EU1U | RM3DA | IK0CHU |
| | | JN3TRK | W0SZ | IZ6CST |
| | | JR2IMJ | W3ML | JA1TD |
| 290 | 288 | JT1BV | W6DPD | JA5NPV |
| AA4FL | CT1FPQ | N2DPF | W6GRV | JA7SFD |
| DS4BBL | E72U | N6HY | W8LR | JH0NBN |
| EA3CJ | EA5AR | NU1B | WA4JQS | JH6WDG |
| EA5DFV | JA3QOS | PY5IP | | JH7BKN |
| IV3TMM | JA6GPR | SP6AXW | 283 | K2UFM |
| JA1DXA | JE1HRC | W7NN | F6ECI | W1OPD |
| JA2NNF | JE2KSM | W9YE | IK0OPS | W4DEE |
| JF0EBM | JE4CIL | | JA8BOV | W9RXJ |
| K2SY | JR7GBL | 285 | JH4ADK | WB3BFC |
| K4CMS | K1XV | AB4UF | JI2EMF | |
| K5ZQ | K8ZZU | CT1DOF | K0GW | 280 |
| K6ZZ | LA5YJ | DL6UAA | K1RI | DJ5IO |
| KE8UM | SM4BZH | EA5B | K3GGN | HB9FBG |
| N4UOZ | W4MAY | F6DBX | K4OCE | HK1MW |
| N4XMX | W8OP | HC1BI | KF4NEF | HK3CW |
| N5YY | WA4CEM | HL5BMX | LA6UL | HL2EIZ |
| NE0U | ZS2EZ | IK5BOH/2 | N2JJ | IK8UHA |
| PY2DS | | JA1GVT | N5UL | IK8VRH |
| SV3AQR | 287 | JA3BLN | N8WRL | JF2OZH |
| VE7TK | BA7IO | JA4VLK | RA5BM | JL3OUW |
| VK3FM | CT1FCX | JA8ZO | VA7XX | K0PC |
| W3MF | EA1KP | JG1OGM | W1MK | K1NJ |
| WB8K | EC1A | K3PU | W6DR | K4QE |
| WV6E | EC1AIJ | K4KAY | WA4MIT | NA9RB |
| YV5OIE | F1RAF | K9SG | WN6K | RT0F |
| | F5LIW | N5BO | | VK3OT |
| 289 | JA0DET | N6QI | 282 | W0JM |
| 7M4AOE | JF0JYR | PE1L | IK1IYU | W5VQ |
| BA4TB | JH2PWY | SM6AOU | IZ1JMN | WA6JA |
| DF2UA | K0TPP | W4DAO | IZ5YHD | XE2D |
| F5NBX | K1CA | W7JWM | JA3UNA | |
| IZ7AUH | K4EU | W8IW | JA7GYP | |
| JA3ENN | KI4GE | | | |

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|------------|------------|------------|------------|------------|
| 279 | KR8T | SV2DCD | 272 | K6TAR |
| EA4DL | LA6OP | W1AW | 9A1AD | KB5UNX |
| HI8R | LY1G | W1GQ | DF3EC | KJ7M |
| JA4HXF | N8AYY | W5FL | IV3AVQ | KN7Y |
| JA4JLT | PT2ADM | WA4DOU | JA0KJE | N6MXU |
| JA6AVT | W4PNY | WB5ZAM | JF1WLK | N6ZN |
| JF2SKV | W9DX | WZ8T | JO1LVZ | N8VV |
| JH1FNU | WN9O | | K5FZ | N9QQK |
| JH1NYN | YB2TX | | K9EXY | NN6K |
| KZ9DX | | 274 | K9OR | NX4TT |
| N3TR | 276 | 9K2NO | KD8RQE | OH3OJ |
| N4IQ | DL4NBE | AA9RR | KG6D | OZ1IKY |
| N6IE | GU0SUP | AI9U | KL7TC | PY2OP |
| OE3HWC | HB9RYZ | EA1DLU | N4JT | PY2SEX |
| OZ1HPS | IK2RZP | FG8OJ | N7MB | UA3O |
| UT3UZ | IK4DCW | HB9JOE | NT2A | VU2CDP |
| W1SSN | IK7YZG | IZ4DIW | VK2CA | W1JGS |
| W4UFO | JA1GFD | JA1KXT | VR2XMT | W4LIA |
| W7WZ | JA7KE | JA8XQI | W1KMA | W9OO |
| WQ6Q | JF1TEU | JJ1KZZ | | WW8W |
| WZ4RC | JR1GFX | K0THN | 271 | 269 |
| | K4MV | K1KI | 4X6UU | DS5DNO |
| 278 | K7LV | K4TXJ | AC9EM | EA7SG |
| AG3V | K9GWH | K8JE | DJ9SO | JA1QIW |
| CU3AN | KF7F | KA8SYV | IK0EFR | JA3KKE |
| EA8AXT | N7WO | KI7AO | IS0AFM | JA5DBE |
| JK7LXU | RT5A | N6RK | JP1SRG | JE2UFF |
| K0CF | SM0DSF | PU2POP | K0CS | JH0AWC |
| K5DV | W0KCF | VU2DCC | K0DD | JJ6IHG |
| K9KDS | W0OGH | W4JVN | K5FNQ | K3WWT |
| N1EN | W5DAW | WB3D | K7FEL | K8ZM |
| N3RW | W6DCK | 273 | K9TF | N5PA |
| OM7CA | WA0SXV | AB1J | KC4AA | N6BM |
| PY2FN | WA3RHW | AE0P | KE4S | NX2X |
| PY3VB | WA5LFD | JN1NOP | KV4T | OM8FR |
| VE1OP | WB4DNL | K1UU | LA5SJA | PA3BWD |
| W5GA | | K3GW | LU2AH | RU0SN |
| W7AV | 275 | K4IE | OE2BZL | W6RFF |
| W8CD | 6K5YIA | K8AO | PT7DX | WS9V |
| WA5NOM | AA7G | KK9T | TA1CM | |
| WA5UA | CT1BOY | KM7R | W2WC | 268 |
| WC0W | DS4NPL | KS4S | W4UAT | AH2O |
| WE2N | F1ICS | N2NW | WB8B | EA2AAZ |
| WS5W | I4FTU | N6VS | | G4VMX |
| YB2DX | I7PXV | N9XX | 270 | HB9IIO |
| ZS1J | JA1NLX | PY2WC | AE4CW | I0OSI |
| | JH0NOS | RA3LAL | AK5Q | IZ1JLG |
| 277 | JL1GYZ | RL3AA | E73W | IZ8MBW |
| BH4QYX | JL1OEC | S54A | F6HLC | JA1PVX |
| DL9FCY | K0QB | UN9L | IU8HEP | JH6DUL |
| DM2RM | K0SQ | W0ZT | JA1PBV | JH8UQJ |
| G3WPH | K2KA | W3BNN | JA4CZM | JL3DGI |
| GM0VRP | N4ENE | W6ZPL | JA4RED | JR2TQG |
| JA1OVD | NA5Z | W8TE | JA7FAS | K9JU |
| JF1LMB | SA0AQT | WA6EZV | JG8NKJ | KC9G |
| K2OGD | SM7BHH | WB8CQV | JH1DTX | LA9GX |
| K6UNE | SM7IUN | | K4VNY | |

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|------------|------------|------------|------------|------------|
| LB6KC | YL2TW | JH1DGT | SP5APW | G8AJM |
| OH1HAQ | | K2DC | W0FG | JA0DWY |
| W3KHQ | 265 | K3XC | W0OVM | JA2ODB |
| WB2KSK | DK6OR | K8EAB | W1ZS | K1AJ |
| WC3W | DS4AOW | KB1W | W2/CT1GIF | K7KJ |
| XE2X | IK3GBG | KB6CIO | W5THT | KJ7TEA |
| | IK7FPV | KI4DLS | W8HMK | KK9M |
| 267 | IZ8EKL | OZ0J | | LU1FM |
| 7K3QPL | JA1IAZ | PY2GM | 260 | N1NU |
| DS3EXX | JF6XQJ | SM5CBM | CU3EQ | N6EM |
| G4FKA | JH0OXS | SM6CLU | DL2NOM | N6GP |
| JA1JYE | JK1MZT | W8PI | DL5KUA | N6MB |
| JA3AVO | K0IL | W9UM | IZ0NRG | N8GP |
| JA3EEM | K2BLA | WB1DX | JA9LX | RD3BD |
| JF2VAX | K3GT | WB6BFG | JR2TRI | SA3CAT |
| JH1SBE | KD0AA | ZS2Y | K0OK | SM5ELV |
| JH8NQV | N3ND | | K4JWA | SM7GIB |
| JI1VVB | N4XYZ | 262 | KG8CW | UN3G |
| JI1WLL | N9BVA | AA0MZ | KG9Z | VU2IBI |
| JR1IZM | NG7M | AA8M | KI7HO | W0DD |
| KK0DX | PY2FZ | DL4FDM | N1BY | W6OPO |
| KK1W | SP6EY | DS5XEH | N1MD | YO4AUL |
| KL0S | VK3BDX | EI9FVB | N3QE | |
| N4TOL | W3FOX | HA5PT | N4HN | 257 |
| N7WS | W5DM | JA1FJJ | N6IBP | AE5B |
| PY2RO | W7HUY | JA3NHL | NA2M | BX5AA |
| RA0BA | WS1L | JE1CTA | PT7YV | DL7UGO |
| SM2HWG | | JG1SWM | VA2IG | IZ0BTV |
| UA9FFV | 264 | K2SD | VE7UF | JA4IYL |
| UR3EO | AK6I | K2WJ | W2PS | JH7IQQ |
| W0BM | DL8OH | K4KGG | YB0AZ | K2RU |
| W5UHQ | DO2UDX | K4YJ | | K4EB |
| W8UV | EA1BLA | K8YE | 259 | K8ESQ |
| W9JJB | HB9CQL | KD1F | EI2HY | KA9OKH |
| WC4H | I0LYO | KE6V | G4ZWY | KB4MRX |
| | IK2QPO | KE8G | HI3Y | KF2OG |
| 266 | JA1MOH | KS4YT | JA7HRM | M0CSD |
| AA4DD | K7HC | KU4BP | K3OX | N6JM |
| HI3T | K9OW | N7UJJ | K3SX | N8NA |
| IK3SWB | KK9H | NH6T/W4 | K5EWJ | NR4M |
| IT9JPS | N3KS | SM2DMU | KB9DAK | VE6SV |
| JA0ED | NY2NY | SV8RX | KE1B | W1GY |
| J18PDC | ON6ZV | W7IV | KQ4EE | W3WST |
| JK2VOC | W5DNT | WA6KHK | KU9S | W4HZ |
| K0VSH | WA9JWL | YC0QR | OZ7FOC | W8SAX |
| K4MIJ | WV4TN | | PA2TMS | W9IM |
| K7JH | YB3MM | 261 | UN7BY | WA5YOM |
| K7VC | | 7K1CPT | W6HYI | WA5YON |
| KK5OQ | 263 | CT1ESO | WA4MME | WP3R |
| LX2SM | AC4TO | DL1QQ | WD9Q | WQ5R |
| N2ZZ | DL7UPN | HB9MFM | WX2U | WX2K |
| N6NU | EW1P | JE1LPZ | YO3AIS | |
| NA2AA | G4XEE | JR2PAU | | 256 |
| NA6MG | HB9BUN | K0EOO | 258 | CT3CD |
| NX8Y | JA0KJD | K2CYE | AA7X | I1YDT |
| W8GNM | JA1DCK | K7LY | DL8AAV | IT9GSF |
| WB2ZAB | JE2EBT | N6DHZ | F5JSD | IW3GJF |

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|------------|------------|------------|------------|------------|
| JA3FHL | 253 | JA5XPD | WW4LL | K6XJ |
| JH2VVH | DH0GSU | JH1ERJ | WY6N | KD2T |
| JM3GXU | G4FAL | JT1CO | | NK7C |
| K1RH | GM4YMM | K3NF | 248 | SP5ELW |
| K4CGY | JH5HDA | K6EGF | HL2DBP | SV1FKZ |
| KG5VK | JR2PZX | KE5MMT | IK3DVY | W3TZ |
| KP4DKE | K1DJ | KE5TD | IZ6ERS | W9GM |
| N4ANV | K1TWF | KF7NN | JA0MRW | WB0O |
| NA2P | K4AR | KR4BD | JF1MTV | WB1EAZ |
| NJ3K | KD4SN | N7ELL | JG4OOU | |
| OE1ALW | LZ2ZG | NR0T | JH3LCU | 245 |
| SP7QHR | N2GZ | OE6CLD | JN4FNZ | AG7N |
| VE3SKX | NA9Q | SV2BXA | K4YYL | HA5BSW |
| W0MU | NC7M | SV8DOU | K5TU | HB9DQV |
| W2FKF | SM2EJE | | K8SIA | HL4XM |
| W6WA | UR4IOR | 250 | KD6FW | JG3RWX |
| W7BQ | VE1JF | AK3E | KI4TZ | JL1VWL |
| W7TUS | VE2BWL | DJ3XG | KN4FO | K5RKS |
| WN7J | VK4CAG | DL7UIO | N6ER | N0AMI |
| WV2I | W2DXE | EA5RU | N7ZA | N5QS |
| ZS6IR | W2OR | IK8OZV | NO9E | N6VNI |
| | WB2AA | JA11FD | PT2CSM | NX1P |
| 255 | XE1EE | JA1QOQ | SM5AOG | PA1NHZ |
| 7L4VYK | | JA2ACI | W2EQ | SM7DXQ |
| AA6RR | 252 | JA2HGF | W3ABT | |
| CE3FZ | AB0RX | JA3MIO | WA3GNW | 244 |
| DK4TP | AD5WB | JA7ZP | WB4GLI | 7J1ADJ |
| EW3CW | DL9GTB | JK1SQI | WB5NHL | AG4Q |
| GU4YOX | F6KOP | K2MK | WS4H | CT1ETE |
| IZ5EBL | HB9DRS | KD2GC | XE1R | G1VDP |
| K9QJ | HL2ZN | KF4VTT | YO3GJC | I7LGM |
| KB2XJ | IZ5FSA | KK4OW | | I8YAV |
| KE5FXE | JH7WNV | KW9U | 247 | JA0EVI |
| N6PM | JJ1QUV | LZ2HM | F5AQB | JA1CPS |
| W1NA | K3BZ | N5WNG | IK4TVP | JH1LAH |
| W8UQ | K7WK | N8WD | K0HQW | JJ1LID |
| WA1ZIC | K8QKY | PS8ACL | K0OE | K6IRA |
| ZS6NJ | KW4J | RA3QUA | K2EK | K8GT |
| | KZ1W | SV1BYI | K2HAT | KB9S |
| 254 | N9AKR | W8BLA | KX4TT | KI7M |
| CX2CC | NE5S | | N8AGU | N2RJ |
| DK5RL | V51B | 249 | NA4EA | N4OA |
| JH3MHI | W1OP | AC5AA | RN3QO | NM1G |
| JH7WQX | W5RDW | AD6ZJ | W7CP | W1FA |
| JL6USD | W6SFK | DG5LAC | W8BI | W2PP |
| JR6GHN | W9CSX | E70T | | W6HB |
| K6IPV | W9KVR | HB9EFK | 246 | XE1YD |
| KF8HR | XE1H | HB9ESS | AA3TH | |
| KL7TS | | JJ2PIK | AD5MD | 243 |
| N1WON | 251 | JL3RNZ | HB9EBM | AA4LR |
| N6KK | AB2E | K2QB | HL4RBR | AC6BW |
| WB0N | AC9O | N7TM | JG2NXV | HB9DOT |
| WD6T | EA3CWK | OE3KLU | JG3NKP | IW7DVM |
| WE1P | EI4CF | OH7TV | JR7ILA | IZ4BBF |
| XE2B | HB9BNQ | RD9M | K0HD | JA0CVC |
| | IW0BYL | VE6TL | K3FM | JR7MAZ |
| | JA3PRM | WB4KTF | K6GFJ | K0SRL |

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|------------|------------|------------|------------|------------|
| K7AWB | K3NQ | KE1VT | N7BD | JN1RKE |
| KA1J | KA5VFU | KU4XO | OT1A | K0KP |
| KM2O | KF0RQ | KY6R | PY3SB | K3HW |
| KM4NS | KG4JSZ | MU0GSY | SP5MXZ | K4RWP |
| KM5VI | KJ7NO | N5KAE | VE1VOX | K8ZT/QRP |
| KY5I | N9AVY | N6PAT | W1ASB | N1ZJ |
| N4QWZ | PB9FN | N7QT | W4PG | NN5E |
| NS3L | SM5BNK | NA4CW | W5JMW | PT7CB |
| SM5FQQ | W3TC | SP7ICE | W6AER | W1XV |
| UA9AGX | W4KVS | SV2CLJ | W6CN | W3OD |
| W1MR | W9GE | VR2XLN | ZL1ANJ | W4DVG |
| W2TX | WE4S | W1MJB | | W4NBS |
| W4REX | WU2G | W4GP | 236 | W5RYA |
| W6NK | YB0MWM | W4TE | AG6HE | |
| W7SX | YB0NFL | W5WS | DM5JBN | 233 |
| WA2VQV | YV5LI | WD8KND | EA7AN | AF3X |
| WA6G | ZS2I | | EC7B | BV1EK |
| WA7HQD | | 238 | G3VQO | G4XRV |
| YB1TJ | | AG1A | HK6P | JA3DLE |
| | 240 | AJ8B | IZ0GYP | JE4MHL |
| | EI2JD | DL5KUT | JA1VRY | K0XR |
| 242 | FG4NO | I8LWL | JA5CUX | K4SX |
| AD4AA | IV3BSF | IK0WRB | JA7JPZ | K4YP |
| AH0U | JA1VYW | IW9DNI | JE2ILG | K8CMR |
| DF2QC | JE3PCP | JA2OLJ | K5GM | KK8MM |
| F4CPF | JF2QNM | JH6WMJ | N4BAF | KL7HBK |
| GW4TSG | JH7HJL | JP1LVI | TZ4AM | N2ZA |
| JA1BON | JQ1YIW | JR3VMJ | VE3UTT | NA1DX |
| K4GO | K7CMZ | JS6TWW | XE3E | NA6O |
| K4WZ | K8GWU | K7QYY | ZS1DX | NA8W |
| KB1HY | KN7D | LA8CJ | | NJ7G |
| KC4HN | KV4AA | N3NO | 235 | RL3BZ |
| KF9UG | MU0FAL | N5WA | EA4DEI | VE6SH |
| M0IKW | N0STL | W1DYJ | EA4S | VK5GR |
| N3AO | N3KR | W1LY | IT9ODQ | VR2MY |
| N4MIK | N3RR | W3US | JA1UOA | W0IKD |
| N6XT | N4DWK | W5YM | JH1FRW | W5EC |
| ND3F | N7GCO | W6JZ | JL4BSE | W5FPT |
| V51YJ | ON6KE | W8LMG | K3SW | W6HDG |
| VK3KE | R9MJ | WA4NUF | KC2SST | WA8RCK |
| W4GE | SK0QO | XE1FAS | KT2C | WB1S |
| W6BK | SP5LKJ | | KW1DX | WT9U |
| W7IB | VK6LC | 237 | R0QA | YB0MZI |
| W7QHE | W4WN | 4X6KJ | VA2LC | |
| W8FIB | W9LQI | AC4VM | W4UEF | 232 |
| W9QO | | DK6BT | W9GIG | AA7XT |
| WB0ULX | 239 | DL2JIM | W9ROG | AB5YI |
| WB6AXD | CT1BNW | DS2LGK | WA0WWW | AC0B |
| WX0Z | EA4EPY | G4AYU | XE1L | AC0W |
| | IK8GJR | JA6CMQ | YB2VTO | AG5Z |
| 241 | IZ8FTW | JP7FSO | | IK7YCE |
| 7Z1SJ | JA4MMO | JR0RBY | 234 | IZ2EWR |
| JA1FVS | JA7GZM | K0VM | DJ9KV | JA3ARM |
| JA4SSM | JE3OUW | K1ROA | F6DHI | JA5ALE |
| JE2VYM | JE4WSA | KE3X | GM0NAI | JA6DJD |
| JJ1KXB | K1JD | LB5WB | IU0LFQ | JA6ENL |
| K2CS | K8KI | LX1KC | JL3SIK | K1ZJA |
| K2RET | KA7CVJ | | | |

| | | | | |
|------------|------------|------------|------------|------------|
| K5CD | WB9PNU | K7LAZ | N6NG | WB9MSM |
| KC6JAM | WC2K | K8LBT | PY5VC | WF1H |
| N9JR | WI7P | K8VD | PY8WW | |
| NK9O | XE1ILI | N6VH | UA2CZ | 222 |
| R4FAN | XE2AU | NS7K | UA9MC | 4X4MF |
| SM7AWQ | | RN3CT | VA3IC | CT3DZ |
| UA4PK | 229 | VK6OZ | W1PY | DK8IZ |
| VK3NX | DL5JS | W6GJB | W4AEJ | DL6UNF |
| W0YK | DL6LIM | W6PH | W4MA | G8APB |
| W4AO | DS5WQT | W7BJN | W6FL | JA1KXQ |
| WA4YYM | G0BBB | W7IUO | W6PG | JE7KCI |
| WA5KBH | IZ0CKJ | WR7Q | WB9IWN | J11DMH |
| WA8A | IZ0COI | | WV8DX | K0COM |
| WB4CW | JK1EBA | 226 | YT7T | K0NV |
| WQ5N | K3IXD | AA5N | | K0YL |
| WV9L | KB9AIT | AE9DX | 224 | KB5HC |
| ZL3TE | KR0O | E74A | 7J1ABD | KB7V |
| 231 | N0SL | G4AFJ | 9K2BM | KD0S |
| CT1HHP | N8HRZ | G7SSE | AC6DD | KM9E |
| EA1AZ | NV4A | HL1VAU | EA1P | LU2JCV |
| G3WW | SM5CCT | HL4GHT | HB9DVZ | LX1CW |
| HB9FBM | VE3YXO | I2YPY | HB9HIT | N0IW |
| JP1LRT | W0JW | IV3KCB | IZ1JLN | N3DV |
| JR3ADB | W3IZ | JA3BKP | IZ4VSD | N5BA |
| K2TER | W5AP | JH0KWZ | JF1KML | N5TF |
| K3WGR | W5MF | K0MFI | J13MJK | N8IL |
| K4KAL | WQ1H | K4JKB | K0UBR | OM2AGN |
| K6ASK | 228 | KD2SC | K1BZ | PF1MO |
| KB1DMX | DS1CPT | KF8PD | K5JMB | W4ATM |
| KK7YC | EA5XV | KF9AF | KB5YN | W7RN |
| NA5S | G3PSM | N2MEE | KU1T | |
| ND3L | IZ7EVZ | N3XM | OZ3SM | 221 |
| UA4PT | JA1ITJ | N4AOE | RA9SC | A65BD |
| VE3TKI | JA8ALB | N5GO | SM0NUE | AA2KD |
| VE4GV | JR6LDE | OE3JAG | W1OK | AB5GU |
| W4UDH | K0LU | RC2A | W5SJ | JA8ANQ |
| W5XU | K0TV | UA1OM | W5SV | JG2LGM |
| YB0DJ | K4IU | W4GH | W8YV | JG3KLF |
| YB4IR | KD2OV | W4PGC | WA3WZR | K5VR |
| ZL1ANH | KG5EG | W6MVW | | K8EB |
| 230 | N3KV | W7VAS | 223 | KD8MQY |
| EA7LL | NZ5O | W9MR | 8P6SH | KO4XI |
| G6NHU | PY2ADR | WA4USA | 9H1EJ | KW4CQ |
| JA2AXB | SM0BYD | | DL1SVA | LA1CO |
| K1TN | W0QC | 225 | EI6IZ | VE5EL |
| KH6XT | W1LE | BH4IGO | HK3PJ | W0JMP |
| NV4B | 227 | DL6DCD | IT9ABN | W4WFC |
| VU2LBW | AF6PK | DS4GKF | IZ5MOQ | WD8PKF |
| W1NT | EI3IO | E20YLM | JE0EHE | WG0M |
| W5IO | F4GVO | EA4D | K1JE | |
| W5RF | HL4CCM | IK1UGX | K1TKL | 220 |
| W5WI | I4JED | JA8JOZ | KN7K | 7N4OBV |
| W8LIG | K2OP | JA9IWR | LA2GH | AA4FU |
| WA7BNG | K5DCW | K9GY | W4CCS | AB4GE |
| WB5STU | K5EWS | N3HYB | W5HY | E77S |
| | | N4LZ | WA9BZW | EA2RY |
| | | N6DVR | WB8YTZ | EA5ZR |

HL5BJU
IK4NZD
JA2KGQ
JH1CTV
JJ1BDX
JM7TKK
JQ1PCX
K0MP
K2CYS
K6KZM
K8MRT
K9QA
KB4CRT
KE5BR
KI2Y
KR0P
NU0Q
OE1JIS
PY2CP
WA1F
WA3FRP

219

DS3BGI
DS4DRE
DU1IVT
G3LOJ
IK0XIH
IK2ULM
IW5AOT
JH0IEW
JH1RVQ
JI1BJB
JR0GXA
K3VAR
K8ARY
KB5CSQ
KG4CUY
KJ4UZU
KK4CB
KN4JX
KU2A
N7PIB
W4DTA
XE1MW

218

DK3UA
EI8GS
HB9HVG
I5FLN
JA3AOP
JE7RJS
JP1GUW
KB0IKW
KI4WCQ
KT5V

LA2LI
LT1F
M3DFW
N2RD
N9DR
TF5B
W1RH
W3KHZ
W7VS
W8WT
WB7QXU

217

3A2MW
AC2G
AE5L
EA1AA
EA5HM
HL3EFM
IC8SQS
IK2RGT
JA1MOD
JE3FOR
JF3VEC
JH2NWP
JI1BHO
JJ1VGA
K0QQ
K3XO
K5UZ
K8CC
N7TW
NK7Z
VK5CE
VR2XYL
W1DAR
W2NY
W5GN
WC0M
WF8R
WY7FD

216

AD3C
AK9B
DJ7JC
DK3BK
EA4E
HB9AGO
HB9BEM
HB9PUE
HK1X
JA7QQQ
JA8EIA
JK1DDG
JR4CZM
K1FE

K6FAF
KA4LBD
KJ9B
N2KI
N9PGG
NI5F
PP7LL
PR7AB
RN0C
SQ7FPH
UA9AEU
UT7KF
W5BK
WO5I
YB2TS

215

AA8SW
AF8C
AG0A
DH3KM
IK0WMJ
JA4EVN
J11SAI
K0IO
KB2FCV
KI9A
KJ6Y
N0CKC
N0HJZ
N5GJ
NT6AA
NZ7Q
TA1AL
TF8GX
W4ASE
W4TTY
W5VU
W7VV
WA2BOT
WA3SKQ
WA5NFC
WA8LRW
WB9M
WM5DX
WQ7A
WQ8T
YB1TQL

214

AA4UC
D2UY
EA8TK
ER0FEO
HB0WR
IZ0FUW
JA4CSJ

JA5RVN
JP1EWY
K0HB
K6VWE
KE4KMG
KI6PG
KJ4YLO
N0YO
NI7F
R3BB
SP9NLI
W3DIY
WA8Y

213

AB7RW
GM0VIT
JH0AUY
JH8MZF
JL7SNM
K4OY
N0TK
N3PS
NB3R
NU4B
SM6WET
W2UB
W3BYX
W4GHD
W7NP
W9MO

212

6K5AQY
DL4DW
EA4EJP
EA5GXI
JA5MOO
JA7EU
JA7JM
JA9APM
JG1GJH
JH1RNX
K3MSB
K5HK
K7VL
K9YZ
N4LV
PY2AB
PY2RN
VE7VZ
W5TFW
W6SIY
WB7BBQ
YO3IPR
ZL3PAH

211

EA6AZ
IT9AAI
IU4CHE
IZ6GSP
JA1DIO
JH6CDI
JM1ESG
JN4ASA
JP3OIK
K7QBO
N5KUC
N8NB
N9IXD
N9LEO
SP7CVW
W3JXP
W4GV
W4PV
W7BC
W8FAX
W9AMX
WK8A
WM4AA

210

DF8FT
EI4BZ
F4GDI
F4WDL
HB9DMQ
HB9VAB
HK3J
JG1JPE
K0BRO
K2GLS
K4GN
KB0V
KB2ZPB
KV7N
LA9VBA
N1AC
N6OKU
N9IO
OE1HHB
VA3HP
VE2ACP
VE3FRR
W1GF
W4UT
WA6URY
WB2HJV
YB0EIN
YB1AYO

209

AA4A

| | | | | |
|------------|------------|------------|------------|------------|
| AG5CN | IK5ZAJ | EA5BZS | JA1IHD | K0PX |
| EI1DG | IW5EIJ | F4DSE | JE3TAT | K1VI |
| EI9E | JA7FVA | HL0CAC | JF1KIG | K3VPZ |
| IK2GOQ | JQ6DAC | IZ7GIT | JO3WHB | K5AUP |
| JA4FKO | K0LB | JA3TC | JP1WFI | K5LLA |
| K7PT | K1EO | JA5SEY | K0ABC | K6VVK |
| KH6CQH | K8RCT | JF2TOG | K5XS | K9BO |
| KK4XL | KB7QFE | K0FD | KM4HQE | KI2D |
| KR0I | KF6A | K2JK | N4PYI | KL2R |
| LU4FW | N3JM | K3GO | R9JX | N7JXS |
| N6VI | N3PW | K4FK | UA0SC | NI8Z |
| N7JB | NJ6K | KD4QMY | VK2AAH | RA3CO |
| NW7US | OH2LHE | KG8DP | W0ZX | SV1XV |
| SM0NZZ | SP5ZCC | KK4CLY | W8MIL | VE2HJ |
| SV3RKM | W2RDS | KW2J | WB4SON | VK3TC |
| W4DN | W4DFU | N0ABE | YO3DDZ | VR2CH |
| W4NE | W5LO | N1DC | | W1WEF |
| W6BBS | W5RAE | N4GBK | 202 | 200 |
| W7CD | W7BV | N4ST | DL9NDV | 4F3BZ |
| WA7HR | W8JA | NW6V | EA1WH | 9AY2K |
| YB1RUS | WA2DNI | PA2SWL | G4SGX | DL9DRA |
| | WA3GM | SV8LMQ | GM7NZI | IK2HDF |
| 208 | WC2C | W4HOG | JE4RAL | JA0EBV |
| A92AA | WJ7R | WR2G | JJ1JMZ | JA1ASO |
| AL7TC | WS7I | ZS1EL | K2HT | JA1BPN |
| EW4C | WY1G | | K3BQ | JA3UOQ |
| G4FTC | YO5OEF | 204 | KE1R | JA3UOQ |
| GM1BSG | ZS1C | CU3BL | KF3C | JH6WHN |
| IK8TEM | ZS6UT | DK3TL | KM4VI | JP1GVC |
| IV3NVB | | EA2AFV | KR9A | K0SON |
| JE8KGGH | 206 | EI7JZ | LB2TG | K4VX |
| JH1HRJ | DL8DWL | HB9HBZ | NN2D | KU4V |
| JH3EQP | HL5FXP | IK2WSO | W0MF | N4MI |
| K0FG | IS0EBO | IZ5GST | W0UY | OK2FB |
| K0GEO | JA1SZN | JA0JPD | W2ARP | SM3PHM |
| K6JJ | K0GVT | JA4BGK | W8DN | VU3CAU |
| K6ZP | K5ER | K3UC | WA1FXK | W3DQS |
| N5DRV | K6SY | K5NV | YO3HOT | W4GKR |
| PY4AZ | K6UXO | KO6UW | YV4DYJ | W4LEW |
| S51DD | KA1O | KX9X | | W7VP |
| SM5AFU | KB9BJV | KZ2R | 201 | WA6QGH |
| SV1IZY | KD3HN | N2BSA | AA3AZ | WD8EOL |
| W1FM | KE4BKL | NG0G | AA5SH | WK9U |
| W1WTG | KF8VX | PY2OA | EA1WS | |
| W4TUN | M0HIH | UA9CIM | ES2IPA | 199 |
| W5UQ | N5JC | UN7BK | EW4A | A61BK |
| W5WZ | N7TP | VE3VHH | HA5AWT | AB5RM |
| W6DRB | NC2Y | W9MAK | HB9GWJ | EA5DKU |
| YD9UW | VA1SEA | WA8IHI | HB9ODP | EI4HH |
| | W0GWK | | IZ4AIB | F4FLF |
| 207 | W3WH | 203 | JA1BUQ | HB9EXQ |
| 7K3BKZ | WA1NXC | 7M2MIK | JA1CC | IW9FRB |
| AA3K | WB8BZK | 9A1A | JA2BUR | IZ3XEF |
| AB6CF | | AL7R | JF7RJM | JA4DNC |
| CT1EGW | 205 | DD3KF | JH0LME | JF8LPB |
| GM3WIL | 7Z1CQ | HB9JNM | JH6RTO | K1UM |
| HB9BMY | AA4OC | IZ1UKF | JI1OWY | K4RP |

K6WSC
KB4FB
OH3FVP
W6FI
W9WO
WO6T

198

AD0TR
DS5AAQ
JS6SCC
K5ZO
K6LPO
K9IA
KA5IAU
KD4POJ
KK7BR
LA2XPA
N2ZL
N7KDT
ND9M
NF7D
NR2D
W4GHW
WV4V

197

AA0BH
DL7JRD
EA3HDZ
EI6AL
G3YBY
G4UZG
HB9DVO
IC8XIL
IK6CGO
IV3FFI
IZ5BYJ
JA0AVS
JA1IAW
JA1PRV
JE1GLP
JM3XZC
JR1CAD
K4RDU
K4SAF
KG2V
KT8D
LA2IR
N4HL
N4UFP
N5HC
N9VD
NN8L
NP2N
NT9F
W0PE

W2OSR
W3EF
W6OZI
WC4X
WM5H

196

AF6O
AI4QQ
DL9ABM
G0DRM
I8NLC
JA5CDL
K1XE
K8POM
K9WMS
KM8AM
LA4JGA
N0BK
N0OB
N1SZ
N4MEC
N6AA
N8KOJ
NZ0O
PY5HSD
R3LC
VA3NXM
VE2WY
VE3MF
W1RG
W4DWS
W8TM
WD1X
WO5D
ZP6CW

195

DS4DBF
EA1AHA
HL5UOG
I4UUL
JE2FJI
K1QQ
PV8DX
SM0EUI
W2FS
W4SUL
WC2L
WW8RT
XE1RCS

194

7N4SQJ
A71EM
AA5NT
AA9WO

DF2WF
DL5PW
EA7LS
HL0EXN
IW0EFA
JA1CCH
JE1COB
JH0WYT
JH1RMH
K4VUD
N5MI
N8KM
NE5W
NY1V
RX3BP
VE3GFN
VO1XC
W5SUM
WA6TQT
WM9Q

193

7M4CLF
A71AM
DL4IW
EI6JK
HP2NG
IU8IYE
JA4DLF
JA6SQR
JE7ART
K1LTJ
K3CWF
KS4Q
LA1J
N6WT
OH6BG
TG9AJR
W4CIR
W4PJW
W4RQ
WR2V
WT2P
ZL3RJ

192

7L2QAD
AC4BT
DL2RD
DS2GOO
E70A
JE1PHH
JH3PRR
JR0QFA
K4JPD
K5VG
KG6WIK

KS5Z
LU9DO
LZ1MDU
N0RQ
N5UE
N6MA
N8NH
N9OY
NM2A
NU4I
OD5YA
PY2LSM
W1USN
W4CMM
W4IDX
W7GSV
W8WD
WB2KSP
WD5BJT

191

AD7XG
CU3HN
IW1PUR
JI5WDC
JK1JAS
JR4VEV
K0YY
K4WFM
K6QU
K7STO
KI3O
KX2B
NS4X
TA1L
UA3DUJ
VE3CWP
WR4AP
WW6G

190

CU2CE
DJ4JZ
DL2VWR
JA0HC
JA7DPC
JJ1IRS
K4DET
K5LY
K6BR
K7QA
K8KY
K8WHA
KB4KBS
KZ1X
N3AIU
N6JOJ

TF3VS
W3EP
WX7B

189

7N3IJT
EA2AA
HL1OYF
I6TIH
IK5QPS
JA1EYN
JH9OSX
KK5J
KO1H
KX5V
N8WXQ
SP5NON
VR2PX
VU3NXI
W5MJ
W5TMC
W7LEA
W7LEB
WA0WOF
WA8COB

188

AE4M
DL1MEV
DS5BRE
G4YCS
HK6K
HZ1GW
IK5FUZ
JA3VUI
JA7MWC
JF2DST
JJ8UTK
JP1GLV
K6DJ
K7YZO
N8JS
NX3A
VE1DUN
W7OLY
W7YED
W8WV
WA2VKS
WG0G
WQ5T
WW0E
WW5RC

187

DK7SL
EI5KO
IK8IPL

| | | | | |
|------------|------------|------------|------------|------------|
| JA2CPD | N0VVV | KS4WA | JQ1CJF | 179 |
| J18HPN | NK5O | N2IFA | JR1QLM | 7J1YAD |
| K0JJR | NN3V | N4ASX | JR4DHK | CT3KY |
| K4ZNC | NS4F | N4JED | K2CDJ | DF5BX |
| K8ROK | OR4K | NS6E | K4TOR | DL6FCB |
| KP4N | W0TK | TA2AD | KI6MQX | DL6NW |
| N6MM | W3AT | VE7BC | KV8P | DM3CW |
| N7RQ | W6VRK | VU2ABS | KW7XX | HL1MKT |
| PT2BW | WB9W | VU3WEW | KX1G | JA0BES |
| PY3OG | WU7X | W3KN | LA7EIA | JK2IZR |
| PY4OG | ZP9MCE | W4QH | LA8PDA | K1DPB |
| TF2LL | ZS6RJ | W4WB | LB7ZG | K4EZY |
| VU2NXM | | W7JET | OZ9XU | K5AX |
| W8HB | 184 | WD9FLI | VE2GHZ | K7LFY |
| W8QXR | AE9YL | YB1BML | VK4BUI | KF2ZQ |
| ZL2AO | CU2AF | | VU2SWS | M0NGN |
| | F5EOT | 182 | W1DXH | MM0DXH |
| 186 | JA1BIV | DS5QLJ | WA5YNB | N1YX |
| 4Z1WF | JH0AKV | EA4OR | WA6WGS | N3PPH |
| AA7UN | JH1BHW | EA6UE | WB6RAB | N4QVM |
| DJ3GW | K2RB | IK1ZNM | WT5L | N4WOT |
| DL1ZBO | K6AHG | JE2SOY | | N6RC |
| DL3ANK | K6WY | JK2AQT | 180 | N9MSG |
| HB9ECS | K8YF | JR3PKO | 9J2BS | NN4K |
| HB9TQL | KB9LIE | K2DF | AB9KZ | OV2B |
| HS1JZT | KR4U | K2KIB | AD9DX | OV5O |
| JK1OTP | N2TC | K9BQL | DJ6DO | PY3IT |
| JN1RFY | N3CZJ | KF5WCP | EA2AGV | SV7CUD |
| JS6QOM | N4UP | KO4PRE | HB9DKV | VE3KKB |
| K6GCN | N6GY | N2XQM | IK2WPO | VU2MSA |
| K7PO | N9AZZ | N5WYR | IK4RQJ | W1JK |
| KB3IFH | ND7K | TF4M | IK8DUI | W2MKW |
| KR7D | NE3K | UA9AM | IU1RLJ | W4WNT |
| N1RM | RA3SD | VA3EJN | JA5IBP | WA8EFK |
| N7WI | SP3S | W3RMS | JE1BJP | WB8EKG |
| PT2ND | VE3NJC | W4BH | JF3KOA | WB9ZNZ |
| SM0BSO | WD1M | W6IS | JR0MVH | WT3Q |
| W6JWK | WK1Q | W6NT | JR1AHP | |
| WA3V | ZS5LEE | YC0BJJ | K7RAN | 178 |
| WA9MAG | | | K9TRV | DJ5DT |
| WY4I | 183 | 181 | KJ8N | G3XLF |
| | AA4EA | AD0K | KM4LS | GM5YTT |
| 185 | AA5H | AD4RE | KO9V | HL4GIK |
| 7K1LUE | AC0DQ | AD7L | N2RR | HS8KAY |
| AA8KY | EA3HPX | AI2S | N6DW | I8HAK |
| EA2BFM | EI5JL | DS3CPL | NN6CH | IZ4COT |
| IU0ICA | G0FWX | EA5KA | SM7GXR | JA2LMY |
| JJ0LZQ | JA4IU | EI6FM | VK4ZP | JK6MXY |
| JP2AEA | JE7BUH | G0HSA | W0GXA | K3ZK |
| K1YQ | JK1BIB | G8GHD | W4JDS | K4FW |
| K1ZO | K4AU | HB9FAX | W6NUC | K4ODL |
| K2UT | K7PTC | HL4HLD | W7DRM | N0AX |
| K5PQ | K9UWY | JA2KPW | WA9IVH | N0LD |
| K9UO | KA5OWI | JA8WGX | WB3JNC | N9EA |
| KA1API | KB2S | JJ1HLL | YB1AQD | NC6RJ |
| KB0EL | KB7AK | JJ1VFE | | NO0B |
| KB7AZ | KI7O | JL3CRS | | OM6CI |

VE2AXO
W4DSM
W6OU
XE1GZU

177

AA4RX
AB4FH
G4DDL
HB9DTE
HL5NBM
HL5YI
IU4AZC
IV3EHH
J68HZ
JA3TYB
JA6SUY
K1GND
K2JGL
K4KSV
K9AQ
KA1VT
LA4C
N7UG
NA0N
V31MD
W1HQ
W2PSU
W3HKK
W4EJG
W4ZAO
W5HMK
WB9B
WD4IXD
XE2YWH
YB2TJV

176

AJ4IM
BG8PA
CU7AJ
DL2IAN
DL6ZBN
EI3CTB
F6DWX
G0OSK
HB9CPS
IT9YOZ
IV3CJT
IZ2MHT
IZ3DBA
JA1DGC
JF2RSF
JH9AUB
JR1LZK
K2ZD
K7TQ

K8FB
KC6ZBE
KF5BA
KM4A
N3COB
N4QM
N5FEE
NZ5F
UA4Q
XE1NW
YO8PS

175

AC9X
DK2GP
IK5BSC
JR9XRO
K4RM
KC1ERO
KI0KN
N0TA
PY2FUL
PY5DK
W6ZL
WA2ALY
XE1GLL
XE1V

174

AE0Q
DL2AMD
GI4OWA
IK4MHB
IK4QJH
IZ1UKG
JA1PLT
JA1UBZ
JM3UAO
K0COP
K0KM
K7DD
K9DUR
KD1AB
LP1H
N5JEY
N9NB
VA3OKG
VK4CC
VU2XE
W0MA
W6DOE

173

5T5PA
AF3K
AG4TO
AI6O

IZ0OTV
JA1DZN
K1EDG
K1JKR
K4JUJ
K4OP
K5GZR
KR7X
N4QOG
N4WD
N5OP
N5QQ
OH3PYY
ON6LY
SP9IZV
UA3EAY
WA2IKL
YB9BU
YC6JRT

172

9H1AE
DL5ZB
DS4CNB
EI9HX
JA1RRA
JA7NUM
JE0HUR
JE1BMJ
K5PBR
K9JDP
KB8NTY
N6RVI
N8IK
NH6T
VU2AE
W0YJT
W4HY
W7GTF
W7KKC
W8NP
W8ZR

171

AA9XA
IZ1JIZ
JA0GZZ
JG3KMT
K8PGJ
K9IZT
KD4CM
KD4EUH
KN4OK
KU4BL
N1XL
N4EK
N8TFD

N9APK
PA3ACA
RT2O
SA3ARL
VU2MUD
VU3DJQ
W6QO
WA9DU
WB8RFB
WU1U

170

4F1OZ
AC7JM
AI6A
DL1SWN
DS4BHW
EA3NG
FM5FJ
HB9MXY
IK6BMU
IZ0FYW
JA6GIJ
JE6UWU
K3DFL
K6ME
K7CTV
KC3RKW
KJ4EX
KK5ID
KL7KK
KL7NW
N1HO
N6AJR
N6NBB
NH6L
VA3UU
VE7NY
VK7ZE
W6FUV
W9LX

169

7K4OIV
CT7ANG
DS4GQR
EI7GY
F5HRH
G1TDN
G4NBS
JA4PYJ
JA9HIZ
JE1RRK
K0MS
K2RI
K4BNF
K5FXB

K7IA
LU5OM
N0SFF
N3YZ
N6NKT
W4SKW
W6VIO
WA7IHN
WB5KSD
XE1ZW
YY4DNN

168

6K5REL
AD5W
BD4SX
DS3EXT
HB9HHH
HL1ORP
IK2BBU
IZ0RPS
JE7KQU
JH2QFY
JK1AKA
JN3XEZ
K4LCP
K8ZH
KS2G
KW1X
KX7YT
N4DJ
N9RE
NA5J
NN9X
SV2DSJ
SV4FFL
W3MRL
W5TFV
WB9TFH

167

AE5LK
CU2BV
CX1FK
DO5SB
EI5GM
IK0SHH
IK8PGE
IZ0GKB
IZ0GVZ
IZ8DEO
JG3AOB
K2RNY
K5RA
KA1BQP
KX6C
KZ5DX

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|------------|------------|------------|------------|------------|
| N7VZ | K9JIG | KX7L | WF2B | N1GNB |
| NT5O | N2MFT | LB5GI | WX4TM | N7CQQ |
| ON5EQ | N5TU | N0OP | | N7YQ |
| PV8ABC | N7NF | N5RN | 161 | N9OI |
| RM4C | NC7B | N9ATF | AB4BJ | NA7RH |
| RW4NJ | NY4G | N9JF | AE4VJ | OZ1BII |
| VU2DED | TF3JB | NE1RD | G4WGE | RW3QHN |
| W2CS | VA3XQ | NF4L | IT9KWF | TA1PB |
| W4PGM | VK2GR | R3AQ | IW3IE | W5SG |
| W7FYW | W5AAJ | SM2YIP | IW8CGX | W9GFB |
| W8PC | W9RB | VR2CO | JA0DOW | WB5P |
| WB3AVD | WA1LAD | VU2TMP | JA1PS | WF4W |
| | WB2JFP | W3EH | JA2AYP | |
| 166 | WK2H | W4WIV | JJ0FTX | 159 |
| 7Z1HL | WP3C | W6JJW | JO4JDU | AD5CA |
| AB1QP | WQ5O | WA4UWD | K0AIZ | DL4ZAB |
| AE4S | WX3P | WJ1B | K0RAR | DL9SAD |
| AE7U | | WU8T | K0XE | DS2AXU |
| DD9WL | 164 | XE2AD | K4HEB | G3YFE |
| DJ5IW | 5P5Q | | K5WDW | JE4KCN |
| EI2II | A92IO | 162 | K6WAP | JG5DHX |
| HL5BUV | A18P | AA6XV | KA4H | JH1AWJ |
| JA1CCG | DK1NAL | AC7ZG | KA6T | JK1SPQ |
| JA6PNA | F5VML | AC9GK | KB8DID | K0IIR |
| JO1SIM | G0KJP | DS2KLF | KC5RR | K3UW |
| K0BOG | JA2CKK | DS5KJR | KI0HA | KC1RET |
| K8CR | JH5CKV | EA5HZB | KK6BT | KC2STA |
| KB4FXE | K0KV | JA2HOL | N2ZR | KP4AZ |
| KQ4I | K1EP | JF7NNI | N6FS | N3CW |
| LA8ZAA | K3PIN | J15RPT | N7ZT | N8MSA |
| N4KM | K7ORK | K0FJ | NF4J | N8PE |
| N7FF | K7WTG | K3LA | NG4C | NE6V |
| ON5GF | KB5GA | K6UJ | RW6MBC | NJ1Q |
| SV3KH | KJ2U | K7BWC | VK3EUZ | NS1L |
| W1ZZ | N0UCR | K8CMO | W0TLX | NY2L |
| WA2PNI | N1ND | K8FG | W5TUF | OZ6TL |
| WA5PFJ | NT5EE | K8FT | WG2Y | PY1NS |
| WB6FWS | WA6DBC | K8MN | WI4R | SM5BEU |
| WD4OHD | WB2UFF | K9AAN | WJ8Y | SP3EPG |
| ZL2LW | | KA8QKY | ZL4QJ | W0XE |
| | 163 | KD5ZD | | W8PAT |
| 165 | AC0TP | KE4YOG | 160 | W9MMZ |
| 7L2PDJ | CT2GZE | KG4OJT | AC7CZ | WU4B |
| DS5UCP | DD9WG | N3PV | DM6MA | WW5L |
| G0THF | DO2MS | N6EHA | EA1ET | |
| G4CWD | DS5JMG | N6GL | EA3GCT | 158 |
| G4GEE | E29TGW | NJ4V | EA7ANV | AA2VG |
| JA0UMV | EI6HB | SV3GLL | EI4GNB | DL5HU |
| JE6PJP | HS3LSE | UA4HAD | EI8JX | G8BCG |
| JN7DIY | IT9CLU | VK5PAS | G0KRL | JA7FKW |
| JS1MRA | IW9FRA | VR2CC | IZ8LMA | JF1UOX |
| K2GW | JE7MUA | W1GOU | JA1CPN | JK1NPH |
| K5SES | K3DQB | W2BZY | JA9KA | JL1ANP |
| K7DS | K5KDX | W3NRJ | JH8FIH | JP1PZE |
| K7HPH | K7GT | W5GML | K4NTO | JR5KQF |
| K8TS | K7UPJ | WA4TMJ | K8OS | K0ARM |
| K9AAA | KO0Z | WB5UFR | KB2TGU | K4NI |

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|------------|------------|------------|------------|------------|
| K6CW | KE9UA | HL2MHU | 152 | KX4I |
| K6EV | KJ4KVC | HP3TA | 7N2OKM | N3MX |
| N6AKI | KN5L | JN1SUT | AC8TO | N3TTT |
| N7AU | KY0Q | K1RE | AD4QS | N6TR |
| N8YQX | N2SG | K2JLD | EA3AGY | NK4R |
| NC6K | N3ER | K2YSY | JA8KFR | NK5Z |
| NN5O | NG9J | K3RWN | JF3AHI | RA9SAS |
| OH2CLX | OH7HM | K4TMG | JG1GCO | SM0XG |
| TA3J | SM1NJC | K4WM | JH1ROJ | SP5UFK |
| VE3FAC | V31CQ | KC4DM | JH7MKB | SV2ESW |
| VE3TMG | W3KHG | KI6VC | JH7UYN | VK2BYI |
| W2MW | W9LCQ | KT0F | JJ1JRH | WB0CHS |
| W6ELI | WA3WOM | N1BOB | JS2IYY | WB2JSM |
| W7XE | WC9C | N1GFV | K1ING | WB9UQE |
| W9DKC | WU9D | N6ETO | K1RY | WC2W |
| WA9LJK | YB1ALL | N9AVC | K3UT | YB2BNN |
| WB2P | | NO0L | K4BBH | |
| WB4PWZ | 155 | NY7T | K7LOL | 150 |
| WX2CX | AC8MR | NZ6N | KB5RD | AD4XV |
| | AE5RI | OZ9GA | KX5M | AF6F |
| 157 | HA8UT | PF7M | N0TR | DB4RG |
| AE0MO | IZ2CSX | UX4UM | N5RA | EA5HB |
| CT1DMC | JA2SKB | W5LJD | N8KU | EI9CN |
| JA1BDF | JA6JYM | W7IMU | NJ6W | F1BFD |
| JF2AIJ | JH1LZU | W8EOG | NJ9C | HB9CA |
| JH4GNE | JR3HZW | W8VK | NU1T | IK2SYK |
| K1QN | K0XM | WA3YZD | NW3U | IN3FCK |
| K2FJ | K1IG | WL7OU | PY2GTA | IZ2GNQ |
| KB4KA | K2IE | WY2U | PY3ED | IZ7QSS |
| KB7DT | K3OK | 153 | W1CDC | JA5OP |
| KD4EE | K6DLB | AA4H | W4PBU | JE7OEC |
| KU4A | KA2F | CE1UGE | W6NS | JN1WHW |
| SM6WQB | KC1UX | E73D | W9CLA | JR7CDI |
| SM7WVZ | KC2RDW | G0MTQ | WB2RHM | K0MB |
| SV9FBK | KH7T | JF1XMP | WB4KZW | K3EE |
| TA7AZC | KS4XQ | JH1APZ | WB4UBS | K7PVT |
| UR5EIT | N1FOJ | JL1KFR | WY0A | KE7BMG |
| VE7ACN | N8JK | JN3QNG | 151 | KG2U |
| W0NFL | N8ZFM | K4NLL | 9M8DEN | KJ8O |
| W2YWC | NO3U | K5DXR | HS1FVL | N4KEB |
| W4AFB | PU4MMZ | KE2M | IK7XNF | NZ4CW |
| W7LWI | PY2BT | KI0RH | IZ8EYN | PV8AAS |
| W7TG | R2ARR | KS0Y | IZ8GCP | RA5C |
| WC4V | VE2JM | M0PCB | JA0NPQ | W0PPA |
| WN7L | W0TG | N1SHM | JA1ISJ | WA2HIP |
| | W3UTD | NA4C | JA9EJG | WA6AEE |
| 156 | W9LU | NI4Y | JE1TNL | WA7ZXD |
| AC6AA | W9LYN | SQ2AF | JH2BKA | YB4CHP |
| CT7ABD | WA1HXH | TA1CQ | JS3OSI | |
| JE2DOD | WA3PAK | VU3RGB | K5RQ | 149 |
| JE6HCL | YB2IQ | W4ARK | KB7HDX | AI4WW |
| JR7FYD | | W6IA | KM4QM | DK5WN |
| K5ADI | 154 | W9EBO | KM8V | DL7AA |
| KA4IZN | DL3BUE | W9ZP | KN0R | EA5LV |
| KC8RPV | DS2GWM | | KP4ED | EI8IQ |
| KD9ZR | EA5DPL | | KQ6K | EW4DX |
| KE3VV | HB9FAQ | | | HS1JNB |

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|------------|------------|------------|------------|------------|
| K0UD | SM7CZL | K1UQT | W8JE | KF6I |
| K3IZ | TA1HZ | K3HPA | W8WOJ | KR7RK |
| M0AQM | VU2SGW | K4ZMV | W9DGI | LA9KY |
| N1BZ | W1NR | KB3KJ | W9FX | N1JG |
| N3GTG | | KX1X | WB8QZM | N1ZP |
| N4JRG | 146 | LA5EKA | WB9WHQ | NS0M |
| N5QJ | 5A1A | N1CWR | WJ5K | NT4K |
| NA6XX | 9V1PW | N4EL | WS4WW | PU2GTA |
| NN0K | A71XX | N4GOA | YB8HZ | PY2BBQ |
| NR5O | AP2IA | N9ATD | YB9AY | TA1UT |
| VA2EU | EA7JW | N9NFT | YE1AR | UN5C |
| VA3RKO | IK0XKP | W3LWH | YO4AUP | VU2OY |
| VE3CKG | IK5TBK | W4KCM | YO6HSU | W3FQE |
| VR2PM | JA3FRI | WB0DHB | ZS2ACP | W3GP |
| W6FC | JA7ANQ | XE1ACA | ZS4JAN | W4MOT |
| W9FML | JH9FCP | YO2ADQ | | W9HT |
| WF5K | K2ITT | | 143 | WV0Q |
| WN1M | K4GM | 144 | CX4AT | YE1AAH |
| | K5MDX | DL1TPY | HS5SRH | YL7X |
| 148 | KC9WPS | DL2RUG | IZ3AYS | |
| AA8MA | KG4URP | DS4AEN | JA2RP | 141 |
| AJ4VE | LA2DS | DS4DRT | JH4VDP | 7M3IYU |
| DL7BO | N1BKB | EA1MV | JR1KBJ | F8DYD |
| G3YEC | N4DJT | EA5VQ | K1ETA | G0WOU |
| G8GFF | N4EDT | EI3HA | K3JM | G4FVZ |
| IK7WUJ | N8BK | I0BJV | K4VAC | GM0SCA |
| IT9IPQ | NC4S | IK1PFE | KE7AUB | GW0TKX |
| IV3ZCS | NG4DX | IZ7QFN | KJ4QDZ | IS0/YO3RA |
| JE4WOK | OE6VHF | JA3WFG | KM4CQG | JA1CPU |
| K3NC | ON7RK | JA8IAF | KM5GD | K5GDX |
| KA5SYP | SP5AMN | JE3USO | N2KOF | K6ELE |
| N0ATQ | SP6ZT | JH1VWP | N2YF | K8PTT |
| N8AID | TA2J | JO1VRV | N4JOW | KE3ZT |
| NC1M | TF3T | K2KN | N4LSJ | KK7X |
| NC3O | VA6SP | K4AEH | N4UW | N2JNE |
| RA0ALM | W0UHL | K5KND | NC4RY | N8LAS |
| W0NF | W4BAI | K6HRT | NZ4DX | NR0Q |
| W4EB | W5UJ | K6OJ | SM0PSO | RM6LW |
| W6JK | W6TE | K7GA | W2BZR | VE1AOE |
| W9FF | W7WHB | KD5RBU | W3DAD | VE3EDY |
| WA2VQF | | KI0G | W4CC | W3MNE |
| | 145 | KJ4FZ | W4LLP | W4GKM |
| 147 | AG1T | KS6A | W5YKU | W5PD |
| AD4IE | AI4EY | LA5HPA | | WW3A |
| BX4AG | AK5Y | N2SO | 142 | YL3GDM |
| EI3ISB | DL6LZM | N4BRF | AA3NJ | |
| G0UII | DS5SWL | N4CW | AA5B | 140 |
| HA0DD | EA5AX | N5SV | DJ0AH | 5W1SA |
| JH1EGT | EW7BR | N8LRG | EI5GSB | DS1NEI |
| JL2ULM | IW7DMH | N9WK | F2AR | G0HIO |
| JR4OTP | JA7JAA | NU6T | I6NO | G3RZP |
| K2RKJ | JE2FUP | R6AZ | IZ2BVN | G4VWI |
| KC3AK | JG1RWM | RA6XV | JA1TBX | HG6IA |
| N4AWU | JG8TQL | VE2LX | JF1UOW | HS7WMU |
| NK7I | JI1IZS | VR2IL | K0FA | I0ZY |
| NS7V | JK1JHB | W5GOL | K2YEH | IK7XGH |
| ON6YH | JR1AUK | W7FI | KA5JSM | JA0DVE |

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|------------|------------|------------|------------|------------|
| JA3PYC | 138 | PU1KGG | K6BY | K6IRD |
| JE3AZY | AA4MF | PV8RR | K7WT | K8LE |
| JG1OIY | AB7ZU | PY2YW | K8BB | K9UC |
| JH0UUY | DB2WD | SV3EXP | N2YU | KB8KIM |
| JK7QJK | DD0VE | UA0AV | N5FPW | KC2NJ |
| K1FUG | EA3AGZ | VE3GLA | N9BT | KC8YG |
| K4HYJ | G4RGK | VU2OT | PB7XYL | KF9LI |
| K7ULS | JF2MMJ | W2GHD | SP3IK | KI8AE |
| K8WVA | K0IYA | W6YW | VE7UM | N0GVK |
| KA9JAC | K6DEX | W8PE | W0TF | N5CR |
| KA9JCP | K8CJY | WA6WPG | W9CC | NC8I |
| KB1CQ | K9NX | WB5IUU | WA8LE | NO2EL |
| KB4CP | KC8IVC | YB1SKR | YB0IR | PY3FOX |
| KB5NJD | KM6KO | | YC0IEM | PY5XH |
| KK4MA | KT0NY | 136 | YV5TX | PY6TS |
| MW2I | LA4RT | AC8IL | | S57NML |
| N0RRG | N1UZ | AD6G | 134 | SM0KCR |
| N3IQ | N9ARX | EC4KW | AB3TM | SP8TDV |
| N8DE | NN4EE | F5LCU | AD7HE | VE7YBH |
| N9ETH | NQ4A | F5VKT | AF9W | W2HUV |
| NR5R | NS0D | G0MMI | DB9CR | W4QA |
| OZ9U | SM3LBP | IV3EFE | DL2NAI | W4QJ |
| VE7BZ | VE3XK | IW1GEU | G0KHO | W6DHH |
| VK3MB | VU2BQN | JA0ADY | HB9DPO | W8JY |
| W6KNB | W6LUC | JA8CYU | HZ1TL | WB2MKX |
| ZS6HON | W8EH | JR3OYH | JA1WTO | WB6CJT |
| | WI2E | K0AD | JA7HYE | WI0E |
| 139 | WJ6Y | K8TVD | JF1WRV | WI9R |
| AB4U | WW1WW | KA0IQT | JI4UEN | WW3QB |
| AB8M | XE1RP | KE1AU | JL1JJD | YB0VB |
| AE5FM | | KE1IU | K0SQS | YB1BUL |
| DJ4SO | 137 | KS8W | K0VG | |
| EA1FF | AB8OU | LB8OH | K5HX | 132 |
| EI9GLB | AB9BH | N0IRM | KC1XX | DL2PR |
| GW0KRL | AK0A | N2EI | KG8OU | DS3DNT |
| HA1AC | DL6ZNG | N4LS | KN6Y | DU1UGZ |
| JA1DHY | DL9KSM | N7HCJ | N1DNZ | EA4M |
| JM1EKM | IS0BQE | NM2D | N6NPG | F6ARS |
| JR1HYA | JF1FSW | OE8XBH | N6VWF | HB9AZO |
| K4NNQ | JH0JVA | PA3AIN | N7WEJ | HB9BEP |
| KB8ZUN | JH9CEN | W2PD | NY2KW | JA5BZL |
| KW8I | JK1PIU | W3CL | VR2ZXP | JF1AZQ |
| N0AZZ | K2TA | WA7AJ | W8FDV | JG1RYQ |
| N3FX | K3FS | YB2VYY | WB8TRW | JH1IY |
| NW2I | K5MMH | | | JH3PTC |
| OH5NG | K7YMG | 135 | 133 | JK1PWQ |
| SM4JSF | K8RMC | AA4WX | 6K2ILX | K4SAW |
| W0QL | K8VJG | DF9TW | AI5EG | KK4ODQ |
| W1MRH | KF7PBM | DL2DCX | AJ6X | KV1P |
| W1VE | KI0I | IU8GNY | DL1TKB | N2CJN |
| W5GCX | LB8CA | JA1JYS | EI5FQB | N7GTE |
| W5GT | N3DD | JI1AYF | GM4AUP | N8TEM |
| WA2NBG | N5ZY | JI1FXS | HC1HN | OH8NV |
| WA2VJL | N6DSC | JN1LTZ | JA7AYE | OZ6DX |
| WD1Z | N6MI | JO3EVM | JA7GFI | W7UV |
| | NJ2DX | K3IRV | K2KNB | YO7DAA |
| | NO2C | K4LW | K4BYN | |

131
AA3FC
AB1NS
DL8UAT
EA4ESI
JA1PFP
JA3MAT
JA5CVG
JH1LMQ
JM3XHD
JM7SKE
JO3GZH
K3OQ
K9MV
KB1AWM
KJ4BIX
LA7QI
N0PSJ
N1TQ
N2MTG
N9FDE
NJ8J
OV7B
RU3DVR
VK2HV
W1GWN
W6GEE
W6WVW
W9CTJ
WM4W
WW6W
YC1FGO
YO5OBA

130
AA2WN
DG1SGW
F5AYZ
FM5DN
IV3PBZ
IW1CAB
IW2FLB
JA1BJI
JA9BSL
JM4VCB
JR0QKR
K4JRA
K5BUD
K6OWL
K7UW
KB4HAH
KH6P
KI4NSP
KN9N
N1WC
N4KZ
N4PAJ

NA9L
TF1A
W4AG
W7PC
W7QF
W9IAL
WF3M
WO3T

129
2E0XAR
7L4FSR
AA2T
AA3GM
AB8YZ
DD0VU
DL8XDA
DS4PAH
EI/W5GN
EW1TO
GM6NX
HB9GZE
JA1QFX
JH8DEH
JJ1EPD
JS1ERB
K0RX
K4NKT
K4RSA
K5VUU
K6IJ
KA1EKR
KG6DX
LA9JKA
N6OI
N9KO
NC6DX
ND4Q
NT7MM
OZ2TF
OZ7BQ
W1JMA
W2ZK
W3FQ
W6VFA
WA1UZO
WB2BXO
WB5TOI
WB8IMY
YB6LAY
ZL2DD

128
AC4FZ
AE6RR
AF6WU
AH7G

AK0BC
JA2QCX
K3JMH
K4TTZ
K8NIA
K8VE
KK6M
KQ4R
LU8XW
OE6BME
UT9LC
VE3ZRB
VO1AU
W6BSY
W8WFN
WV1K

127
AC6FU
AK4AO
EC7WR
EI2HZB
F8DHE
G0IFC
HB9MZI
IZ5IMB
JA1EMK
JE6DNN
JE6JAO
JF1SPT
J16BEN
JN1XQS
JO1GRR
K3LAB
K6VMV
K8TLC
K9KJ
KC0V
KD2NF
M0VCB
N2QLT
N6JZ
N7BIP
NI0R
NU4L
PP5VA
R2DG
SM4BNZ
UR4CW
VA2SS
VA3VF
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WA3PBL
WC7WB
WN5TL
WR5G
YB0NSI

126
AB1JV
AB9LF
AC4WD
AD4YQ
AF8P
HB9BWE
HB9LEI
JA2EAB
JH0MJY
JH7UCD
JI1CAZ
JJ1QJP
K1YA
K2DE
K2KJ
K3NO
K4MQL
K4VW
K4WSW
K5EA
KA1WIF
KC1SQ
KD4BPZ
KF6ILA
KK7GO
KN1CBR
N1AH
N9VPV
NK4K
NK5K
NT8V
OH3DP
RV3YM
VE7YY
VR2VGM
VY2RU
W3ATV
W4JTP
W6DOJ
WA2BKN
WA5VSK
WY4Q

125
AC2QH
AI3Q
DL9QJ
F8GB
HB9ARK
HC1HC
IK2BGT
IZ1BZS
JA1RBY
JA3EYO
JH3FCF
JI4WHS

JJ1IDW
JJ1XVA
K0FTC
K2EN
K6ETM
K9OHI
K9OZ
KC1CAB
KN4WOJ
KP4P
N2PK
N4OWG
ND0B
NN7NN
SM4AMJ
W0PY
W2KN
W4OWY
W9COS
WA0TML
WA4KSO
WB6POT
WB9AZA
WB9G
WU6K
YB2ERL
YB8EL
YB8FL
YC3TSJ
YC6EI
YU1LD

124
9H1AZ
DB3KE
G0UGO
IZ1EPM
JA2DCN
JA2XN
K0ASA
K4AEN
K4ZZR
K6RNL
K9TVG
KL7XD
KV5Y
KZ5JEF
LU3XX
MM1PTT
N0VTZ
N3DAP
N5GD
N6VHF
N7QS
NJ2X
SM3WMU
SV1EOS

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|------------|------------|------------|------------|------------|
| VU2YVK | AB2NI | 9A6AJ | AE0DX | K6ZED |
| W1BX | AC8AZ | AK1P | DC3RJ | KC9QQ |
| W2ECK | EA3DNC | AK6DV | DL4HCF | KW3F |
| W3NF | HC2PY | EA3AV | EA4GQS | LU2MCX |
| W4NEZ | HS4BPQ | EI4GJB | G3NML | N0MHL |
| W4TNH | JK1CEK | EI4HQ | G4NAQ | N1KM |
| W7GTO | K3TUF | HB9IY | HI3I | N6DKZ |
| W9LA | K4BS | HK4KM | HL0O | N8TT |
| W9LR | K4MTT | HZ1XB | IK0YKM | PV8AJ |
| WA6BOB | K9YKL | IK2HKN | IZ1YUH | PY2MTV |
| WB6PJC | KA1CTL | IZ1QLT | JA1DEQ | UA1TGQ |
| YB8HI | KN0A | JA2CYL | JA1ECU | VU2RCT |
| YC2VVD | KO6XI | JA6WFM | JA1VW | W1IAN |
| | KP4DDY | JL3AMK | JG3RXZ | W4FDS |
| 123 | N5UWY | JN3MXT | JH1QDF | W7GOY |
| AA9SI | PY2HN | K2AK | JI1STU | W8WTS |
| AB0MV | VE3KY | K4ZIW | JR4CTF | W9TO |
| AI1W | VE3MIS | K5HM | K0JDD | WB2AIV |
| F6JSZ | VK9VKL | K5WRE | K2KYH | XE2ML |
| F8EZE | W7AVA | K6JBH | K2UNI | ZL3RIK |
| JA1GWA | W8GBH | K7KMR | K7EUG | ZR6DX |
| JA1IWP | WA2AOG | K8IG | KC5LT | |
| JA2JVK | WA8KNE | KA4AHU | KL1V | 117 |
| JA5EEU | WB8TGY | KF5ER | LA8OKA | 3C3CA |
| JG0HEW | WN7T | KG5NP | N0JR | AD7AF |
| JK8VMB | YB0AI | KH6DX | N0TNJ | AK9L |
| JR7ASO | YV2FEQ | KJ2AM | N3HO | CE1AT |
| K1KOB | | KL7GY | N6UOZ | DL9JM |
| K1LU | 121 | KM4AF | N7ENN | DO9LX |
| K6LJC | AA4MD | KM4ODS | PP2FN | DS5HVJ |
| K7SO | F8DZY | KO9A | SP1NEN | EW8AX |
| K9CHP | G4EHT | KP4RAT | UN7ZO | G0JDC |
| KA1SAW | HB9TJG | KT6VV | VK4SDD | G5CL |
| KD9AC | HC1E | LA8FNA | VU2MB | G8GNI |
| KD9BIE | IK2HLM | N5DEE | W0VU | HB0RER |
| KF4GW | IZ4GOL | N7PR | W4CU | HC1JQ |
| KW7N | JA1NZJ | NK5G | W8RSJ | JH2BLM |
| M0IFT | JF2OHQ | NL8F | WB4JPG | JS1BKR |
| N1CDO | JN3VQM | PY3CJS | | K6RI |
| N4BCD | K4JRK | VE3DRZ | 118 | K9JY |
| N5RMS | K4KZ | W1UN | 7K2BWG | KA9TOX |
| OZ8RH | K4MZE | W2FDM | 7K3TFX | KC8KEF |
| R7CD | K7LVJ | W2QQ | 7N4GIB | KL7AC |
| RV3A | KB7ZUT | W3WN | AD9I | KM7OH |
| W0ARW | KS0JD | W4GWL | E21IZC | KW4SW |
| W0QKL | N1TQP | W9IXD | EA8TZ | KX5U |
| W9FY | N8WK | W9KM | IV3XWD | N1EDN |
| WA1KXV | OH3KRH | W9MB | JA0PZJ | N4UY |
| WA6MRK | OH8GBT | WA8KHP | JA1XMT | N6AJ |
| XE2JFP | W1TW | WD4GZW | JA2IFW | NH7U |
| YO2AOB | W4EW | WV2N | JA7OAO | OE2IJL |
| ZR6GR | W6RD | XE1SAX | JH1BCS | OE9DGV |
| ZS6NK | W8NT | ZS6AKU | JJ8BRZ | OH1TSM |
| | | | JJ0FVP | PA0QRB |
| 122 | 120 | 119 | JR3CVJ | PY2ALC |
| AA8DC | 7K3NHT | 9A3LYL | K0HW | SV1QXU |
| AB0S | 7L1XXM | 9A5SSS | K5HW | SY1BFI |

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|------------|------------|------------|------------|------------|
| VA5LF | CT1EFL | N5PD | PG0S | WV2M |
| VE4HQ | F5LMI | N8BI | PV8RF | YB8MOB |
| VE7SO | G0BPK | N8ERL | R3FP | ZL2MM |
| W2OIL | G0RPM | N8HM | SA7CJO | |
| W9WGN | HI7SB | N9DFD | SV7BVM | 111 |
| WA0LJM | IZ0SPA | NJ4Z | W1FYI | 4F3OM |
| WA6OWM | IZ0UME | NZ1I | W3FE | AC0WL |
| WB4MM | IZ1XBB | NZ3M | W5TZX | AD7U |
| YB1DCW | JA5GOJ | OH4KRN | W7KHZ | DC2KN |
| | JA6JSY | R7NA | W9KXQ | DH3NAW |
| 116 | JG1LFF | SM4RGD | WB9YJE | EA1NO |
| 7Z1TT | JG1RET | UX5HY | WE8T | F1NZC |
| DC1TK | JH2BTM | VE3VTG | WW6D | F4HAB |
| DQ4Q | JJ0WAJ | W3WKR | YB1JYL | F4HZZ |
| DS3BBC | K0YA | WB6UIA | YB5BOY | G0DTX |
| F5RZJ | K2CQW | WD0AJG | YC2EWZ | G4LRG |
| G3VDB | K4KO | WN9A | | G7CNF |
| HI8S | K7WLX | WU6W | 112 | GW4EVX |
| JA1RYC | KE7GI | XE1ZTW | DD8BA | JA2NXB |
| JA5BKR | KQ6X | YB1HK | EC1AE | JA3KE |
| JA9GFA | N1IN | YV4EH | F5PBL | JE1FYV |
| JE3BFV | N4PHH | | HB9CXX | JF7RKV |
| JF1MAD | N4XAT | 113 | IS0BZR | JJ0AEB |
| K1AFC | N6BHX | 6K5XZE | IU2LFP | K2RRB |
| K7HRT | N8AJN | DP9Z | IZ4IRO | K2ZSD |
| K7SX | N9XG | EI3GV | JH1WPS | K3RMB |
| K8ZEE | NB9Q | G4BGW | K2PH | K6JLL |
| KB0TFT | PV8BR | GM4KHE | K3RRR | K6VKO |
| KF7RO | UX5XK | HB9ARI | K4KFH | K7FR |
| KP3X | VA2GA | IU4BIP | K4ULA | KA9A |
| KP4EJ | W1LBC | JA1DBG | K6BF | KR1B |
| N1OS | W4TIJ | JA1FRQ | K8LH | LA2ZW |
| N4PF | W8TJM | JH1GNU | K9EGS | LA6JKA |
| N5LKE | W8WG | JR2CCH | KC1EO | MM0MSS |
| N8CH | W9OVQ | K1PU | KC4ZA | N2IVN |
| N9NBC | WA4RYW | K3GP | KG4TAH | N2PL |
| NQ4K | YB0JVZ | K4HDW | KJ6YK | NV4C |
| R0CY | YL2UI | K5VSD | KJ7NL | PG5V |
| TF3DT | | K7CV | KK9R | VK7LUV |
| VK3YR | 114 | KE0X | LA2RE | VU2IT |
| W4MIR | 3D2KM | KE6U | N2XD | VU2RMS |
| W5MZX | AE2DX | KF8QL | N4JJS | W1GS |
| W6DQ | AK0DX | KH6AT | N5QZ | W4EY |
| WA3GOS | IZ5OPU | KJ5RC | NG4P | W4KTR |
| WA3MH | JA6EMA | KL7QW | NJ1H | W5ADH |
| WA4HXC | JA9ALR | KV3W | NW2M | W8DSN |
| WB3EVL | K3IFL | KV5Q | OK1EY | WD9IOK |
| WB6SZC | KA0VXK | KY6J | PY2RDZ | WP4CQ |
| XQ7UP | KC2TN | LZ1JP | TC100TC | YB0NDT |
| YC0OXG | KF4GRA | N1TA | VA7RN | |
| YC1CWK | KF9EX | N4FNB | VK2DAG | 110 |
| YE2C | KG8CZ | N4KFT | W0ZY | BD4QH |
| | LA2XNA | N6OPR | W2NGC | BG5CNL |
| 115 | LA7IM | N6TQS | W5JDF | DB6VH |
| AB6WQ | MI0DWE | N8URE | W8HF | DH0SP |
| BA3CE | N0JX | NN4RR | W9IE | DJ0CL |
| C31MF | N4MWY | OH4NVX | W9RLL | DK1MCS |

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|------------|------------|------------|------------|------------|
| DO1HGS | JR2FJC | N1CPL | KD1YV | KJ4SKO |
| EC1AKI | JR7PVD/P | N2MN | KE7PB | KJ5T |
| EI4IZB | K0NO | N2YCH | KI3T | LU4HK |
| F6FHZ | K0XP | N3OUC | KI4CBN | M5LRO |
| G6MXL | K4MVM | N3XRU | KK7AC | N0HR |
| GM3MZX | KC4GFW | N5JED | LU3DDH | N0LZF |
| HB9HFM | KD0KZE | NA1RL | N1SFE | N1EMC |
| IU3PMA | KD6GC | NJ9Q | N5EI | N1KEZ |
| IZ7EDQ | KE9V | NM4SH | N5VBK | N6WBL |
| JA1ESH | KI4SFT | PA1CA | N8XE | NP3O |
| JA3VQW | KR4PB | PY2EBD | N9LOH | SM5TOG |
| JJ2BLV | KS7S | SM7TZK | NT4W | SV1JMF |
| JJ3OFL | N0EKM | TF3MH | OZ1KSN | VE3DS |
| JQ2MPJ | N1MIE | VE1GBD | PA1GYS | W2JAN |
| JR8ORC | N2DUI | VE2OCH | PA5X | W4ETB |
| JS2LPJ | N3CAL | VE7KS | SV2HNZ | W7ABC |
| K3IU | N3STZ | W0WT | TG9AWS | W7RTX |
| KA9WAR | N5UKZ | W9CP | UT5UML | WA4BAN |
| KB9IFH | N6WHK | WB8LEM | VA3DEF | WB8NUT |
| KI4PG | N9ZJ | YC0RI | VE3NLS | YB1TIA |
| KI8U | OE1PFC | | W0LGQ | |
| N2UFM | PA0AKN | 107 | W0MRZ | 105 |
| N4CE | R6AW | AA0FO | W1KQ | 9M2CQC |
| N4EPD | SO5AS | AA4GR | W7ACX | AA1KS |
| N7ELB | TF3G | AA6Z | W9ZJX | AA1LS |
| OH6IH | WO8USA | AB4PP | WA0CIE | AC0DH |
| OZ1MAD | WR0U | AC9DX | WA9BD | AH6NF |
| PT8DX | YD1BJJ | BD7IBN | WB6PIH | CE8EIO |
| SM0THU | YD7UFI | C93PA | WB8PKK | DL2YBG |
| T88UW | ZL1IM | D44PM | WS9D | DX3H |
| VA3WEB | ZP9EH | DJ0RD | YB1LZ | EI9HQ |
| W1ARY | | DK7GH | YB2ECG | EL2BG |
| W4EEY | 108 | DS2GBP | YO6BHN | F6AJM |
| WA4RTE | 4I1AWM | DS4OMS | | FM4LV |
| WB3FHU | AD7OV | EA5GDY | 106 | G3WPT |
| WK3A | DL8JJ | EI5EV | 9K2HM | G4XBL |
| WM4R | EI4DQ | EI5IF | AA7DK | HL5JYS |
| WU5E | HL4CKT | HS0ACS | AA8HH | JA1BF |
| YB1FWO | JA3FAY | IV3GCH | AE4G | JA5UFD |
| YB6HAI | JA6HOR | JA1KZP | AG7T | JD1BLY |
| YB8EXL | JG3LDD | JA2YIP | AI4FR | JG3PMB |
| | JK7UST | JG5UWK | AI9T | JH1MYJ |
| 109 | K2QQ | JI3WBB | DS2BSK | JR1WCS |
| A61DJ | K3DRE | JN7CPW | G4FJK | K0HIP |
| AF5I | K3TXW | JS1OZS | IW0GYC | K0ITC |
| DD9HK | K4AFE | K0HCV | IZ8LLQ | K1MDA |
| DS3DGA | K4KYN | K2FD | JE8RAH | K1XO |
| DU1/NF00 | K4PWS | K3SUK | JF1CZQ | K2CDP |
| EI7JN | K4WJ | K5LA | JH9DNK | K8HQ |
| G0VJG | K6MYC | K6ADY | JI6HXI | KB5VNM |
| IK7NXU | K9KJS | K6BXI | JI6OXK | KD8KX |
| IW8AWZ | KC7CS | K6JAD | JL8LGW | KD8ZYD |
| JA4NIM | KI4CYB | K7JI | JR1LLD | KE8Y |
| JH8TOW | KL7SB | K9LC | KC9LBO | KG9EE |
| JK1VSL | KO6N | K9MQ | KD2SY | KL7XO |
| JO1QZI | LU4FTA | KB5KKL | KF6XA | KP4SJ |
| JP1RLN | MM0LBX | KC5UES | KI5QQG | KV4QS |

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|------------|------------|------------|-----------|------------|
| LX2KD | N0PO | KE0QPG | JA5CH | YC0OST |
| N0EUV | N1RY | KE8GX | JF3KBX | YE0TUR |
| N2YG | N2XTT | KG4IYS | JH1IHG | ZS6CR |
| N3WL | N5QT | KJ7KOJ | JH3GBS | |
| N6CK | N7IV | KK4AMR | JR1EMO | 101 |
| N7NW | NB8Q | KK6MF | JR6GV | A41ZZ |
| N9MKC | NR5N | KM6JD | K1QF | A61ZX |
| NE3I | OK2PKY | KU8T | K2GLW | AC0ZM |
| NK7L | OZ5JQ | LA3ANA | K8WDN | AF7WM |
| OM4KW | PU8WBD | N1HT | K9VD | AG2O |
| RG7A | PV8ADI | N1XS | KB2FMH | A13H |
| SM0SHG | PV8CQ | N3MWQ | KC0VDY | A14X |
| VE5UO | PY2QA | N8MAS | KC9JCH | AK4PE |
| W3JM | SV8RMA | N8XHF | KD0CIU | BH4UTT |
| W3MJ | TC2C | N9BD | KI4TG | DG0OAT |
| W4KFA | TG9AKH | N9LPT | KN4NN | DJ3GZ |
| W6FFH | W6DAS | N9YKE | KR7LD | DL3XAC |
| W7AAA | W6FZA | NF6P | KT6LA | DL5JH |
| W7HJ | W8MX | NP2MR | KV5WS | DM4EA |
| W9GWP | W9TVX | NP4AA | KW4BY | DO4FZ |
| WK2E | WA2TIY | OZ2BX | M0CNP | EA5WP |
| YB9DE | WB2GMY | OZ5D | M0PTZ | G3TDH |
| | WD4IEK | PU2OIP | N1MGO | G4WWG |
| 104 | WZ9W | PU4ENY | N4MTT | HZ1HN |
| 5T2AI | YB8ROP | RA3LD | N5MOC | IS0HXK |
| 7K1VKU | YD0OSU | TF1AM | N6FB | IZ3GJL |
| 9A5MP | YO2OXD | VE3TPZ | N7NM | JA1GQC |
| AB1NE | ZS6S | VK7AP | N8OYY | JA1UTC |
| AC0XY | | W0RMS | N9AAA | JA2NSH |
| AJ5H | 103 | W3UI | NI0DX | JA4JSL |
| BD7BW | 7N4BAI | W3WTD | NJ4Q | JG2HNC/P |
| EI4GK | 9A5JV | W4PM | ON4KJR | JG5VFK |
| EI7IG | AG5ND | W5BV | PA0RNH | JH2WDT |
| G0AJH | BV2NT | W5HPQ | PU8YPL | JM6NVD |
| G0OJG | DL9CP | W6KF | PY2WO | K3MAW |
| G4XXI | DM5TI | W7CWD | PY3WW | K4DXT |
| G7SQC | DS0IC | W7RRS | SM6STI | K5WE |
| IK5TTA | F5JWH | WB4SGA | SM7PNV | K6BLG |
| JA6HPI | G3YJQ | WB5JHY | SQ9DXT | K8DTF |
| JH1REP | GM4ELV | | UA6LCN | KA3CZY |
| JJ0OAP | HL2DNU | 102 | UF2F/1 | KB3VHC |
| JM1SOL | IZ4AMS | 5H8HZ | UY5AR | KB9RNO |
| JQ2HJR | IZ6CLN | AB9QU | VE3AXW | KD0ZZ |
| JS1LQI | IZ7HNO | AK4I | VE3KKQ | KD2RUY |
| K0OOK | JA1DBO | DO3BOX | VE6RWC | KD4CJO |
| K0XU | JA7PKV | DO7INT | VE9TER | KK6VGE |
| K1HC | JK1AIA | DS3FGV | W2/JR1AQN | KR4Q |
| K3ZI | JO6MMQ | EA6/W3DM | W2VU | M0GVZ |
| K4VMT | JQ3TAN | ER5LL | W3DHN | M0RTP |
| K7ADD | K1DM | F1OBJ | W3NJ | N1RCJ |
| KC3OPI | K6GO | F5VIF | W4OEP | N3KKF |
| KF4YXH | K7FRY | G5HY | WA4FXX | N3QVB |
| KG9Y | KB1YO | HL2DAA | WA6NKM | N4CBS |
| KN7PF | KB5HPL | IZ4NHH | WB6HVW | N4IW |
| KO4MA | KC4QYG | IZ8GEL | WB8JAY | N8HAM |
| KZ4EX | KC8LTL | J62K | WN5G | NE2U |
| LU9OZX | KD0L | JA3GNU | WW4CP | NX6D |

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|------------|----------|--------|--------|
| OG2N | DV7A | KF2VX | W4CRN |
| OZ1GCT | DW3CWM | KF5TL | W4WCD |
| OZ5VO | EA3GOP | KF7CG | W5DX |
| PC5F | EA3ZD | KF7TLL | W6OP |
| PU3RTS | EI6GI | KI3F | W7SMW |
| RZ6MD | EU1VA | KI4FW | W8BFT |
| SM0LPO | F5GSJ | KI5DZY | W8QW |
| SM6YEC | G0GFC | KQ4PK | W9SWT |
| UB1ADP | G0NPE | KT8TD | WA4ASJ |
| VA3MAH | G1III | KU4FP | WA4VSL |
| VE3BGG | G3SEM | KZ3P | WA5ICA |
| VE7GEL | G4HUN | LA8W | WA6BFW |
| VU3NPI | G7TPL | LU7FJO | WA7SCH |
| W0HMS | HB9CZF | MW0CPZ | WB0RXQ |
| W2GM | HB9EE | N0RA | WB0WAO |
| W2SUB | HI8PLE/7 | N2BZD | WB4HMA |
| W4WRS | IZ0PMV | N2MAD | WB5DW |
| W4YR | JA0IJG | N2MSF | WD4ETU |
| W5DWA | JA1KPF | N3GSE | WQ9F |
| W7HO | JA7FDZ | N3NVA | WS7X |
| W7NEE | JE1NGI | N4DOU | WV4Y |
| W7SEQ | JG1XBM | N5LJL | YB0FLY |
| W9HZ | JG4OSI | N6ERD | YB1ME |
| WB0POH | JH1WHZ | N6FM | YC0MAT |
| WB5HJV | JH2IUV | N7BU | YC0RFS |
| WM0G | JI1HSV | N8CEP | YC1DOL |
| WQ2M | JI2XLN | N8FXH | YC2SBG |
| WT8X | JK1EZX | NA3M | YC4DON |
| WU2T | JK1XDK | NG1R | YD0DMS |
| XE1AO | JP1KHY | NT8Z | YE4IJ |
| YB0KTT | JY5MM | NW5Q | YE6YE |
| YB1KEL | K0IDT | OE7BJT | YL3AMZ |
| YB8BRI | K0PG | ON7BS | YO3HEX |
| YB8QT | K3JRR | OZ9AAR | ZS6TVB |
| YB9BEC | K3QB | PR7AYE | |
| ZR2A | K3TXT | PT2DF | |
| | K4AAP | PY2TWI | |
| 100 | K4BNC | R9OSN | |
| 4I1EBC | K4CTL | RA3UT | |
| 9M2ADX | K4KZM | RA6XB | |
| 9V1XX | K4QXX | RW0LCN | |
| AA1XO | K4XZ | SM7HZK | |
| AA6E | K5PSN | SQ5WAF | |
| AB4KJ | K5YE | UA6CEY | |
| AB6RT | K7GLM | UN6GVA | |
| AB8DD | K7TLP | VA3FU | |
| AD4KJ | K7UWR | VA7DZ | |
| AE7DW | K9EA | VE2GT | |
| AF6AV | K9ZJ | VE4MAR | |
| AI6LY | KB0GT | VK2IS | |
| BA1SN | KB1ODO | VK3FNJ | |
| CE3MRO | KB6IGK | VU2KWJ | |
| DG7YEO | KC2OSR | VU2XJ | |
| DH9DX | KC5CMX | W2CCW | |
| DL5KLX | KD1DT | W2PTP | |
| DS4EJA | KD8JSP | W2SEF | |
| DV1VHK | KE8NOA | W3SW | |