

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 20 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 | JJ2LPV JQ3DUE K1ST K8SIX K9NU K9QVB* N3XX N4KG* N8DX NN4T OK3GU R7LV SP7GAQ UA4CC VE3EJ VE3XN W0DJC W3LPL | 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 SM2GCQ 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 YU1FW | 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 JI2KXX 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 | | |

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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 |
| 339 | JA9APS | OZ1CTK | W2LO | K1BD |
| DJ8NK | JE2LUN | PY5HOT | W5XX | K4HB |
| DL5DSM | JF1KKV | R5AJ | 335 | K9CT |
| DS5USH | JF1WPB | R7DX | AB4IQ | KE9L |
| GM3YTS | JF3KON | RA3CQ | AB6QM | N5OK |
| HB9BGV | JH8RZJ | S58T | EY8MM | NE1B |
| HB9BIN | JL1UXH | SP5DIR | HB9DHK | OE1AZS |
| I4MKN | JR3GWZ | SP6M | I2EOW | OE2LCM |
| IK4BHO | JS3CTQ | SP9DWT | I4EWH | SM6DHF |
| IV3JVJ | K2FF | UA3AP | I5NPH | UT7UJ |
| JA1ADN | K2PLF* | W1ECT | I6FLD | UX1UA |
| JA5AQC | K4HGX | W1GL | JA1GRM | VE3LYC |
| JA5XAE | K4MWB | W3NO | JE8CLT | W1SKU |
| JA6BZI | K4XP | W4FC | JS2LHI | W2IRT |
| JA7KY | KF0QR | W5ZN | K0DEQ | W3GH* |
| JA9TWN | KW9A | W7MO | K3WA | W3LL |
| JH0INP | LA2PA | W8DCH | K6TA* | W6RLL |
| JH1TWT | N2BJ | W9MU | K6YUI | WT8C |
| JH7VHZ | N4DB | W9OL | K9EU | YV1DIG |
| JI1DHY | N4NX | WD0DAN | N5ORT | ZL3JT |
| JI4POR | N9IW | WJ4T* | N5TY* | 333 |
| K1OA | OH2BLD | 336 | NI6T | 5B4MF |
| K2RW | ON4AOI | CT1IUA | NJ6P | AA5AU |
| K6FG | ON4IZ | EA1YO | OZ1AXG | AD6W |
| K7NN | PY2BW | EA5BM | PY2YP | DK1FW |
| KV7K | SM3VAC | EU7A | PY5EG | IK8YTA |
| N5AW | SM6DHU | G0OIL | RM0F | JA0GJJ |
| N5UR | UY5ZZ | G3TXF | SP5IWA | JA1SYY |
| N8JV | W5FKX | G4PWA | SP6CIK | JA2VQF |
| ON4IQ | W8GC | GM3GAV | SP7VC | JA9CWJ |
| PY4OY | WA1JMP | HB9BZA | SV1FJA | JE2EHP |
| R3VA | WB4TDH | HL3IUA | W4UM | JR4OZR |
| R4GM | WK3N | JA2BDR | W5BPT | K9MM |
| SM4EMO | YU3AA | 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 | 334 | PA5TT |
| | G4OBK | JR3OEH | AB9V | RA7A |
| | HB9DDO | K0CA* | | SM3NXS |

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|------------|------------|------------|------------|------------|
| SM4DDE | JA3AZD | W9RN | N4II | JA9GLW |
| SP3CGK | JF1PUW | WA7NB | N7US | JE7JDL |
| SV1DPI | JH1IFS | YS1RR | N9FN | JF1NZW |
| UR0MC | JH1NYM | | NS6C | JH1QAX |
| UX0FF | JK1EXO | 329 | PY2XU | JR6FC |
| W5WT | JM1HJG | CT4NH | W4UW | K2UO |
| W6XA | JN3SAC | HK3W | W9ILY | K4SO |
| W6XK | K2UU | HL2IFR | W9JA | K7WP |
| WA5VGI | K3RA | I2MQP* | ZL4TT | K9MBQ |
| WB0TEV | K4EM | IK4GME | | K9ZO |
| | K5BG | JA0DIN | 327 | KB1JZU |
| 332 | K5EK | JA2IVK | A45XR | KG4W |
| AA4V* | KQ8M | JA7MYQ | AA4R | LA7JO |
| DL2OE | LA7HJA | JF1LZQ | AI9L | LB8DC |
| DL4CF | LU3CQ | JF2UPM | CT1GFK | N4TL |
| F5PAC | N8KOL | K8FL | DK5AD | N8PW |
| G0BLB | N8RR | K8QM | EW2A | RA0FF |
| IK2YCW | N8TR | K9US | IK4ADE | RL3FA |
| IK4DRR | OE6MDF | LA7AFA | IZ2AMW | RU3QR |
| JA2CXF | SP1S | N5DG | JA1SVP | SM6BZV |
| JA2FJP | UA6MF | NK1K | JA2NDQ | SP1JRF |
| JA4PXC | W6SR | NY0V | JA7BWT | VA5DX |
| JA8EJO | W7AL | OE3EVA | JA9GPG | W5CIA |
| JE1GWO | WA6F | RW3RN | JH1SJN | W8HW |
| JG3LGD | WB9CIF | SP1MGM | JP1NWZ | |
| JH1HHC | | UT9FJ | K2SHZ | 325 |
| JH3CUL | 330 | W7AO | K6KLY | 5B4AHJ |
| JH3VNC | AA8CH | WA2VYA | K8AC | BA4RF |
| JR2UBS | DK2JX | WA8WV | K8YTO | DJ4XA |
| K1AR | DL1KUR | WX4G | KZ4V | DJ9ON |
| K5DU | DL6KR | | LA5HE | EA1N |
| KX4R | F2JD | 328 | N1IBM | F5CQ |
| N1NK | G3NDC | AA5AT | R0FA | HB9CEX |
| N7RO | HB9RG | AE5E | R9FM | I3BUI |
| OE8RT | JA5BEN | DL1DUO | SP7ITB | IZ1LBG |
| PY5EW | JA7LGE | G3SVD | UA3AGW | JA0CRI |
| RV3LO | JE1DXC | I0WDX | US5WE | JA2JNA |
| SV2DGH | JH4GJR | IZ8FWN | W1TSP | JA5BGA |
| SV8CS | JN1BMX | JA1JAT | W2LK | JH4JNG |
| UA3DPM | JN7FAH | JA2AH | W3KX | K0JUH |
| VE2TZT | JO7WXN | JA2ZL | W7DO | K2LS |
| W5TCX | JR1BAS | JA4EPE | | K7EG |
| YO5BRZ | JR7WFC | JA4ITW | 326 | K8NVR |
| | K0KX | JA6VQA | AB3CV | KI0KB |
| 331 | K5MC | JA9FAI | AJ6T | LA3WAA |
| 9H1SP | K7ZV | JE2LPC | CT1DKS | NN4R |
| DJ4AX | KM4H | JH1AGU | DJ5FI | OZ4O |
| DL5WW | N8BM* | JH3SIF | E73Y | R8TX |
| DL6CNG | N9AU* | K0GY | EA3GHZ | RN3QN |
| EA8AKN | NU8Z | K1LD | G3LZQ | SP9JZU |
| F3SG | OE1WEU | K3PA | G5LP | W2JU |
| G0DQS | OE1ZL | K4UEE* | GM0AXY | W4BP |
| G4CCZ | PA3EWP | K5AQ | HA1RB | W5XC |
| HB9HFN | SV1CNS | K6RO | IW1ARB | |
| IK2QPR | UA4LY | K8OM | JA1IZZ | 324 |
| IZ0AEG | W0YG | KC6AWX* | JA1WSK | AA8OY |
| JA2VMU | W7CT | MD0CCE | JA8BNP | DL2CHN |

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|------------|------------|------------|------------|------------|
| DL7BA | AA4SC | LA9AJA | K5WAF | K5VIP |
| GM3PPE | DM5EE | N6TA | K8AJS | MM0EAX |
| HA9PP | HB9SLO | N7IR | K8GI | N5GH |
| HB9TKS | IK5RUN | OH5VT | K9JF | N9RD |
| IK4MSV | JA1FQI | SM5ARL | KG7H | PY2NQ |
| JA1IOA | JA1QXC | SM6CTQ | KN5O | R6AF |
| JA7FWR | JA2WYN | SV3DCX | KS1J | UN6T |
| JA8BAR | JA4MRL | W3GQ | N0RB | W2AY |
| JE6TSP | JA6WJL | W3RJW | N2LM | W4FQT |
| JN1RQV | JA8DNV | W8AV | N4RWG | W8HC |
| K5XI | JE2DZC | WW3S | N8LJ | WA3C |
| K6ND | JJ1TKN | ZS1LS | OE5RLM | WN6W |
| K8TL | JR6LLN | | PA3CSR | XE2CQ |
| KB0EO | K0KVR | 320 | R9TO | |
| LA5LJA | K6FW | F9XL | RA3QK | 316 |
| LU8EKC | K6PJ | HB9DDZ | W6BJH | 7K1PTT |
| NN4SS | K8VFX | HK4SAN | W7YAQ | EV1R |
| R5DT | N7XR | IK2RPE | W9AJ | G4GIR |
| SM0CCM | N9RS | IZ4MJP | WB8BPU | HB9BOI |
| SP2BMX | R7FK* | JA1RTX | YO2RR | JA6TMU |
| SV1JG | R7NW | JA2XCR | | JM2RUV |
| UR5EDX | RW4NN | JL1XMN | 318 | JR8AMF |
| UT2UB | SM2OAN | K1GG | DL1HRN | K0AZ |
| W5LT | SM5JE* | K3UL | DS1JFY | K8WK |
| WB9EEE | SM6CUK | K3WW | F2NH | KA8ZPE |
| WD9DZV | SP3IBS | K9NW | GM3YOR | LA8HGA |
| WE9R | SP6HEQ | K9SM | HL2WA | LU4FPZ |
| | SP7HOV | KD3CQ | JA9IFF | N0KV |
| 323 | VE7IG* | LA2QM | JK1GOK | N4PJ |
| DF2UU | W0VX | N8SNM | JK1TCV | N6MZ |
| EA6NB | W1YM | NT0V* | K4MS | PY2IQ |
| EI6FR | W3OA | PY2KP | K8BL | UY5AA |
| IK0PEA | W5AJ | RX3AGD | K8FH | VU2PTT |
| IU7QBB | W6TC | S55DX | KB8VAO | W5ODD |
| IZ8FFA | WD4LBR | UR5WA | KD0PO | W9YSX |
| JA2FGL | ZL1BYZ | VE3BW | KJ6P | YO2CMI |
| JA7QVI | | W4QN | KK2I | ZS2DL |
| JF8QNF | 321 | WK7E | N5LZ | |
| JM1FHL | AA5AM | ZS6EZ | VE3CFK | 315 |
| K4SE | AC0A | | W2LE | A65BR |
| K4XD | E72A | 319 | W2NO | DL5EBE |
| K8EUR | HA7TM | AF9H | W3ACO | DL9TJ |
| K8GG | IZ8EJB | DL1TRK | | EA6VQ |
| KG8P | JA1KQX | DM2DXA | 317 | EI2GLB |
| N2NL | JA1NWD | F4BKV | 4Z4DX | G0EHO |
| ND0N | JA1VSL | HL4CJG | DJ5JH | HL3GOB |
| NQ1K | JA2ATE | I5OYY | DL1SMA | HP2AT |
| UA0BA | JA3XNH | JA1BPA | DL2VPO | JA3EOP |
| UN7JX | JH3GCN | JA2EPW | I1EIS | JL2JVX |
| W1LW | JH7RXU | JA7LMZ | I5CRL | K2PK |
| W2QO | K5ZK | JA9NLE | IK4PLW | K3XA |
| W6ENZ | K9RX | JF2XGF | JA2XW | N2JJ |
| WA4FFW | KC7V | JG3FEA | JA3RQ | N6PSE |
| WT4Q | KK0M | JG3SKK | JA8CJY | NK4L |
| | KP2A | JH1BAM | JF2WGN | SP8HKT |
| 322 | KT1J | K0GW | JH1IAQ | SV1GYG |
| AA4HP | LA8PT | K0KT | K1ZN | UA9FAR |

314
AD5Q
CU2AP
E72U
JA1LSP
JA2TBS
JA8EOT
JA9AA
JG1WSC
JH1OBS
JH4ALY
JR4LNG
K1LPS
K1RO
K5UO
K6UM
K8CW
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N2WB
PY7DJ
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RK4FD
SV9COL
W4HG
W4VIC
W5VY
W7BEM
WB5JID
YB1UUN

313
EA5AT
EC3A
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JA0PE
JA1KPH
JG8FWH
JH1AJT*
K1KO
K6SIK
K7UA
K9MK
N7BT
NA5C
OE3SGU
OH8LXT
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VE6AX
W3BW
W8MET
WO7R
ZL2IFB

312
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GOVXE

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JE2OVG
JE8TGI
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PY2VA
RA1QD
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UN7TW
UT7UV
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W2OO
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311
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JH1BNC
JH4CBM
JO4CFV
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K6IPM
KQ4AV
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VU2NKS
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W4YCH
W8KEN
WA0MHJ
XE1KK

310
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JA6BEE
JA7GAP
JA8ZO
JA9FPI
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JJ1SKG
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K7XB
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RU3DX
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SV1CQN
VE3EK
W6YI
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WL7E
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309
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JA7XBG
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VK3HJ
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W8RLS
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308
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EA3GHQ

EU1KY
IZ8DFO
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JA3VPA
JA4FM
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JE3ENP
K0BBC
K4JAF
K8ROX
KM1D
N3RC
N5MOA
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SM0NJO
UA3TT
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W5PF
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W8MHW
WB2BIN

307
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EA3WD
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HB9CQK
IZ8XQC
K2UR
KA8SYV
KD0Q
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RA4CA
SM5ENX
SQ1X
SV2AEL
W4OX
W8LGJ
WA9PIE
ZS2EZ

306
CT1DOF
DS5ACV
HB9BAT
HB9LCW
IK5MDF
IZ8FDH
JA1DDZ
JH3KAI
JN7DOS
K0BJ

KF7PG
LB2TB
VE1JBC
W1KSZ
W3JX
W7LGG
WA1PMA
WA4JQS
WA4LOX

305
JA1SGU
JA2FSM
JH1ACA
JH8GEU
K0TT
K2AJY
K4WNW
K7KB
KD4W
KF2DT
NW7E
OZ1ACB
PE1L
PY5IP
UN7LZ
UW2ZM
W6RW

304
9A4W
F5PBM
HB9IQB
IK8VRH
JA9AGN
JH0NBN
K4ZO
LA3MHA
N4QQ
OE5FIN
SA0AQT
SM7CQY
SV9AHZ
VE6LB
W5JAY

303
AF4HX
CT3HF
DK3WW
EA9IE
IK4AU
IK5PWN
IK8EPC
IW0HOU
JE2VLG
K1ESE

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|------------|------------|------------|------------|------------|
| K3PT | JH4HMG | JR1WCT | N1EN | WA5LFD |
| K4CMS | JL1BYZ | K6MKF | N5ZC | WA6JA |
| N6HC | JR7GBL | KA1ERL | NU1B | |
| NA5Q | K0TPP | KF8UN | PA0JSE | 293 |
| OZ1LCG | K8RRT | N2AJ | W1KDA | DJ8NT |
| RX4HZ | KR0P | N9ISN | W5SL | EA1KY |
| SM5CLE | LA0FA | OZ5NJ | W8IW | JA0AOO |
| SM5CZK | N7KA | VE3CRG | WB8ART | JA1XRA |
| VE7TK | N8OC | W2FV | | JA8FFM |
| W4LSC* | OH1ZK | W7IU | 295 | JF1LMB |
| W7MEM | OZ1IKY | ZL4AS | DH2PC | JF1RYU |
| W7QDM | PA7RA | | DL7UPN | JK1UNZ |
| W8TN | S57AT | 298 | EA8RR | JR0EQQ |
| W9MJ | SV3AQR | 9A4T | IV3VBM | K2FW |
| WA1S | W4UCK | AB5A | JA0KJE | K2SN |
| | W5GO | JA6CBG | JE1IBI | KI4GE |
| 302 | W8AXI | JA8UIV | JH7BKN | ON4CAS |
| F5UJK | | JH2PWY | K7LJ | VK3BDX |
| G3KMQ | 300 | JH3FUK | K8YYY | W2TB |
| HB9DHG | AA9A | JI3CJP | LA6UL | W2ZI |
| JA2IYJ | DF2GH | JR3UIC | N4HB | W6TMD |
| JA2QXP | EA1AF | LA5YJ | RA5BM | |
| JA3DY* | EW1KP | NK0S | RQ3A | 292 |
| JA4VLK | G4RGK | UA0FO | SM7IUN | AK5X |
| JH3FHQ | HL3AMO | W8JRK | W1BR | EA8MT |
| K0GD | IK0HFO | WB8K | W2/CT1GIF | HB9EBM |
| K2CBI | IV3GOW | ZS4TX | | HB9MFM |
| K3FRK | JA3WLN | | 294 | K1UU |
| K4JJW | JA7BEW | 297 | EA1JO | K2XF |
| K8AV | JF3PNQ | IZ8GGF | EA6ET | K4VIG |
| N2DPF | K1SM | JA3BXF | EI8IU | KH2L |
| N4LR | K2KA | JH1UBK | HB9BUN | KR4F |
| N7TY | K5RT | JP1IOF | HL3DE | N2KX |
| OE8SPW | K6EME | K1PL | IZ5BAM | N4SC |
| OZ7FOC | K7ZD | K5PS | JA1AYV | N6HY |
| RN9N | K8DV | K9YC | JA4DHN | N9BX |
| SM4AZQ | KF0LA | KB1EFS | JE2RDO | RU6L |
| US0YA | LA7GIA | NV9L | JH1VUO | SV5DKL |
| W0GG | N4HID | OE3HWC | K3PU | W3FI |
| W1VT | NX0I | OH1JP | K5VWW | W6DR |
| W1ZT | NZ3O | SM3LGO | K9ZM | W9PZT |
| W3AP | PZ5RA | W3FOX | KI5BLU | WA4CEM |
| W6NWS | SM6BGG | W8BBQ | KQ3F | WB8ZRL |
| WS5W | UA3ECJ | W8BLA | LY1G | |
| | W6DE | | N0RN | 291 |
| 301 | W7VY | 296 | N5JB | EB3CW |
| 4X1RU | WB2GAI | CT1FPQ | NA5DX | HB9BYQ |
| 7M4AOE | WF4U | G4XEE | PC3T | HK1MW |
| EA5OX | ZS1A | HA7UW | PY2MC | IK0LNN |
| F1ICS | | HS1NGR | VU2CPL | JA1IAZ |
| F3AT | 299 | IK0AGU | W0JM | JA6AVT |
| FG5FR | CT1EAV | IZ8IEV | W2GW | JA7HRM |
| HA5VZ | G3KWK | JA9NFO | W2OIB | JE1BMJ |
| HB9JOE | HB9RYZ | JR1MLU | W4MAY | JE2KSM |
| JA1OVF | IV3KFB | KE8UM | W7HR | JF2VAX |
| JA2VHO | JH1DGQ | KG9Z | W9ZCL | KI4DLS |
| JG1OGM | JH8NBJ | KL7TS | WA0RVK | LA9FFA |

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|------------|------------|------------|------------|------------|
| N1RR | NE6I | JJ2KDZ | G3UAS | DL2RTL |
| N2NS | OM4EX | K4RG | IZ7AUH | EA7SG |
| N7DED | W8QZA/QRP | NA9A | JA0DWY | JA3NHL |
| NT5V | WA3F | NA9RB | JA4HAW | JA3QOS |
| SM5BMB | | ND4V | JH1WJR | JE1HRC |
| SP6JIU | 288 | OH2IS | JJ1BMB | JF1IRW |
| W1OPD | CT1BWU | W0FLS | K1CA | JI1NJC |
| WA2NPD | EA3CJ | W2NRA | K3NQ | JM1GHT |
| WQ6Q | F6ECI | W5ZG | K8YSE | K2AX |
| | G8AJM | W6YOO | KI1U | K4JC |
| 290 | IU0HDC | W8UN | KJ7TEA | S55ZZ |
| 7K1CPT | JA6IVR | W9FI | NE3F | SV1FKZ |
| DL9GTB | JA6QHQ | W9OO | W1SSN | W5PJR |
| HI8R | JA7KE | WA3GFM | W8CZN | W5ZO |
| HL2EIZ | JH0OXS | | W8IQ | ZS6WB* |
| IK0UTM | K8EAB | 285 | YL2KF | |
| IZ0NRG | KJ7M | AA7G | | 279 |
| JA1CZI | KZ9DX | EA1RT | | 9K2GS |
| JA5FDJ | N1SV | I4BJJ | 282 | AA3LX |
| JG3RWX | N4IG | IK7FPV | EA5B | DH0GSU |
| JK7LXU | N9UA | JA1SKE | IK2PZC | EA1KP |
| K2UFM | ON5UE | JA8XQI | JA3KNN | F1RAF |
| K6BV | WB3LHD | JK1VXE | JA6GPR | JA1DM* |
| K9FN | | K2AZ | JI6IHG | JA3FHL |
| KE0A | 287 | K5CWR | K1ACL | JE1PNX |
| KG6I | DS5TOS | N4UOZ | N1RK | JH1APK |
| N1API | EW1BA | N5BO | N8SHZ | JH1IED |
| N4GN | HL2KV | ND4X | PA0TCA | JK1BSM |
| N4JQQ | IK2DZN | NN4X | VE3SKX | K1IED* |
| N5ET | JF0JYR | VE7BV | W0SZ | K5FZ |
| PA7TWO | K4KAY | W0KEU | WA8MCD | KE5FXE |
| RW7M | KA4RRU | W7YW | | LB5WB |
| SM4CTI | KD6UO | YB0COU | 281 | N7HN |
| VE3YF | KJ6NZ | | AC9EM | PA3BWD |
| VK4CAG | LA9GX | 284 | DS5DNO | RW4CY |
| W4REX | N5UL | 4F2KWT | F6DBX | SM7NDX |
| W7AH | N6PM | 6K5YIA | HB9ZS | W0QQ |
| WS9V | N7WO | AB4SF | I0JBL | W5THT |
| XE2D | NF1G | DF7EE | I0OSI | W8GNM |
| | OZ4VW | DK7YY | JA4SSM | |
| 289 | PY2DS | DL4DW | JA6OXT | 278 |
| 9M6YBG | SP6A | EA5RD | JH1NYN | AF5CC |
| BA4MY | W1MK | HA5PT | K1FEV | DS3HWS |
| G3SBP | W4SO | HL4GAV | K5MT | E21EIC |
| G3WPH | W5DNT | IS0AFM | K8BN | HB9EFK |
| GU0SUP | W9DX | JH4ADK | K9GA | IV3TMM |
| I5REA | | KK1W | KA7T | JA1BNW |
| IZ4DPV | 286 | OH7TV | KR8T | JH1FVE |
| IZ5YHD | 4Z1UF | SV1ACK | N2NW | JK1WSH |
| JA7QQQ | CT1BWW | W3ICM | N3RW | K1NJ |
| K4FJ | CT1FUH | W5DM | NY9H | K3VAT |
| K4PB | DJ0UT | WB7B | SM5FWW | K5FNQ |
| K7BTW | HL2CFY | | VE3YV | K5RKS |
| LA5SJA | JA1EMQ | 283 | W9YE | K6ZZ |
| LB6KC | JA1MZL | DJ9RR | WA9GON | K7FEL |
| N5KM | JA2FCZ | DL5XL | | KR6C |
| N6IE | JH0RVY | DM2RM | 280 | N2SQW |
| | | | CT1BOY | |

| | | | | |
|------------|------------|------------|------------|------------|
| ON4ANN | 274 | W5VQ | W9MO | IW7DVM |
| RM3DA | A65CA | YB1AR | WC4H | JA8NFV |
| W2JLK | AA4FL | | | JH0AWC |
| W5GA | IZ0BVU | 271 | 269 | JJ2WOC |
| WQ5R | JA5NPV | AB4UF | AA9RR | JL3OUW |
| WV8DX | JH0NOS | AJ4A | AK5Q | JO1LVZ |
| | K2BA | BA7IO | CT3KN | K1DJ |
| 277 | KF7F | EC1A | DG5LAC | K1RI* |
| BH4QYX | N6KZ | FG8OJ | HB9CRV | K4EU |
| EA3EQT | OM8FR | G4FKA | JF2OZH | K4KGG |
| EA4DL | VK5GR | HB9BNQ | JH8NQV | KE4UW |
| IK0CHU | W8WEJ | JA0LXP | K1JD | KZ1W |
| JA1PBV | WB0TVY | JA1PVX | K5IB | NU1O |
| JF6XQJ | WB7BBQ | JA7JM | KF9UG | NX4TT |
| JH3GFA | WB8CQV | JH1OGT | N4ENE | UA3O |
| JH8KFE | | JH7WQX | N4TJ | WA1YTW |
| JJ1QUV | 273 | JJ6DGP | N4XYZ | WV4TN* |
| K0DD | 9A1AD | JM1VRW | N7ELL | XE1RBV |
| K1XV | AJ8MH | K1GE | NG7M | |
| K9GWH | GW4TSG | K1KA | NJ3K | 266 |
| KC6X | IK2RZP | K3SEW | OE2BZL | AE0P |
| KM3J | JA1HOM | K9OR | WA6G | EA4DEI |
| KS3F | JR1JGA | N7MQ | XE2X | JJ2VLY |
| N4JT | K2RU | NA4EA | YB2DX | JR1VAY |
| OZ0J | K9NR | RA3BL | | KL7TC |
| VK3NX | KI7AO | W3SB | 268 | KO8SCA |
| W2XI | N6PEQ | W4KA | AG5W | N2ZA |
| W5QM | NF4A | W5RF | EI2HY | N4OA |
| W9IL | NY2NY | WC2K | F5LIW | N4QWZ |
| WC3W | RT5A | WE2N | IK3SWB | N6DX |
| WV6E | W0KCJ | | IK8UHA | N8NN |
| | W4PNY | 270 | JA2ITK | RU0SN |
| 276 | W6RKC | EC1AIJ | JE2UFF | SV1HEP |
| JH1DGJ | W6SL | EU1U | JF1WLK | W2YR |
| K4WES | W7IB | F6HLC | JH1ERJ | W3BJ |
| K9FZ* | W9JJB | HB9IIO | JH7NTW | W5ZE |
| KB6CIO | | JA7GZM | JL1MWI | W6AER |
| KE3D | 272 | JE1VTZ | JN1NOP | WB2NPY |
| KZ5DX | DK5RL | JH6DUL | KF4NEF | WS1L |
| N0AH | DL8SDC | JK1OPL | KH6M | |
| N9AOL | HL5BMX | JR3VMJ | KV1E | 265 |
| W7JY* | JH1SOD | K1CBK | KX2A | DL2RUM |
| W8FIB | JH2VVH | K1EFI | N4XP | EA8AXT |
| | JN1NBU | K1MAA* | OE3KLU | HC1BI |
| 275 | K4ST | K3EA | PY5CC | JI1VVB |
| DJ3XG | K5CD | K3WWT | UN7BY | K1LT |
| EI2CN | K6KZM | KM7R | VR2XMT | KA1J |
| G3NKC | KE1F | M0CSD | W0RX | KB9DAK |
| JA0KJD | KK9H | N7QT | W1KMA | KU4XO |
| JR4LZX | KR2Q | NH6T/W4 | W6JZ | KX4TT |
| K0QQ | M0TTB | SM7BHH | W7VAS | N8II |
| KM6HB | N4TOL | SM7GIB | W8UV | NA5Z |
| N2RR | SM4OLL | TZ4AM | W8WVM | TA1CM |
| N4IQ | UN9L | UN3G | | VK3FM |
| W3ABT | VK2HV | W2PP | 267 | W6HDG |
| W5GZ | W0HBH | W3MR | AA9GR | WV2I |
| | W5TFW | W8LMG | AB5C | |

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|------------|------------|------------|------------|------------|
| 264 | ZS6NJ | KY6R | K1NTR | N4FN |
| DK2CC | | M0IKW | K8NK | N6MB |
| E70T | 261 | SM0MPV | KK4OK | N7WS |
| G3VPW | IZ1JMN | SV1IW | KN7D | N9KW |
| IZ5FSA | JQ1YIW | | N4PYI | SP5LKJ |
| JA2NNF | K0KP | 258 | RC2A | W4GIW |
| JR5JAQ | K1BZ | AB4GE | SP5ES | W4IS |
| K4JWA | KA1DJ | EA1DLU | W4RDX | WA3I |
| K7UT | KV4AA | HB9DVZ | WB4KTF | WB0O |
| K9JU | N0ODK | I5XFD | | |
| K9SG | N8HRZ | JA0EVI | 255 | 252 |
| N5QS | RA3QUA | J11CQA | EA5AR | AG1A |
| NE8P | RA4P | K4MIJ | JG1JPE | DJ3AS |
| S51NM | VE3VHB | K4YJ | JL1GYZ | DL7JRD |
| W5DAW | W7FP | KT2C | K3SX | EA2AAZ |
| WA0ROI | WX2U | N3ND | K4MF | HL2ZN |
| XE1H | | N3QE | K5ZQ | IK1UGX |
| | 260 | NA2P | KI6CG | JH5HDA |
| 263 | AC4VM | NA9Q | N6QI | JR1FHP |
| AA4A | AG7N | UN3GX | OH3OJ | JR1IZM |
| EA5DFV | EW1P | W2DXE | PB9FN | K5GH |
| EW4C | HB9CXZ | W4DEE | PS8ACL | K6EID |
| GM0VRP | HB9DQV | W6SFK | W6GRV | K8QKY |
| HB9BOU | HB9DVO | WA5UA | W9LN | KC9K |
| IZ2FOS | IZ1JLG | WB3D | WK8A | KD2T |
| JA1FJJ | JA4CZM | WD8PKF | | KS4S |
| JA4ZA | JE0ART | | 254 | N0ABA |
| JE2EBT | JH6PFY | 257 | AA5SH | RL3AA |
| JH1FNU | JJ1KZZ | G0BBB | DF8FT | VU2CDP |
| JK1AJX | JR1EYB | IK3GBG | G4ZOY | W2KA |
| K0VM | JS6TWW | IZ8EKL | K0MN* | WB6BFG |
| K4QE | K0EOO | JR1EFG | K1JIU | |
| KR4W | K4CGY | K0VSH | K2HAT | 251 |
| N4TV | K5YU | K1RV | K4WFM | EI9FVB |
| OH2CLX | KD8RQE | K1YR | KB1DMX | IZ4DIW |
| SM0DSF | KI4WCQ | K3NF | KK0DX | JA1JYE |
| UR3EO | LU6ETB | K6MM | KW4V | J11WLL |
| YB2TX | NJ7G | K6XN | N1GC | JT1BV |
| | OH1TSM | SM5BNK | N2FF | K5DV |
| 262 | SM0XBI | W0FG | N9SF | K7LAZ |
| AD7L | V51B | W0TM | PY2FN | KB4MRX |
| AI6Z | VA7ZT | W5UHQ | W8UQ | N3KN |
| DS4AOW | W4SK | W6WF | W9EWZ | N7GCO |
| EA1WH | | W7NN | | W6AEA |
| EA7QW | 259 | WB8B | 253 | |
| F4GVO | AC9O | WE4S | DF2UA | 250 |
| G7SSE | AF2C | | DL2NOM | CU3EQ |
| I0MWI | F5JSD | 256 | IT9AAI | DJ9SO |
| IK8GJR | G4XRV | 7N4SQJ | JG1SWM | I8LWL |
| IW3GJF | HB9HIT | AA6RR | JH7IQQ | IZ2EWR |
| JA7ZP | HI3T | AC6BW | JM1SZY | JA1OVD |
| K0OK | IK2GAJ | AC9S | K0HD | JR0QFA |
| KC6JAM | IZ8MBW | AG3V | K6IPV | K6ZP |
| VE6TL | JA3MHA | JA0CIU | K9TF | KA9UVY |
| W4KVS | JE1PHH | JA7FVA | KL0S | N1ZJ |
| W8MJ | K2AT | JA8RRF | LA1CO | NA2M* |
| WA2USA | K3OX | JH8UQJ | LA6OP | SV8CKM |

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|------------|------------|------------|------------|------------|
| W0TT | 246 | K8YE | K4GO | UR4IOR |
| W6DPD | BH4IGO | K8ZM | KE5BR | VE3TKI |
| WI7P | FG4NO | KE1B | N1JP | VK6LC |
| WN6K | HB9HVG | KK2M | N3KV | VU2DCC |
| 249 | I8YAV | N2ZZ | W5UQ | VU2MSA |
| AA0MZ | IK5BOH/2 | VU2LBW | W6BK | W2NY |
| AF6PK | JA1FVS | W4GE | WK4Y* | W3WST |
| IK0HBN | JA1QIW | W5WI | 240 | W5JMW |
| IK2RGT | JA3LDH | W9RXJ | DK6OR | W7TUS |
| IV3TDM | JO3WHB | WA8A | DL6UNF | W8FN |
| JF1MTV | K4MV | WV9L | G4AYU | WA0WWW |
| N6MXU | K5TA | YB1TJ | HB9DOT | WD8KND |
| SP6EIY | KB2FCV | YB1TQL | JA0JPD | 237 |
| VU24DX | KD1F | 243 | JP7FSO | AD7Z |
| W2WG | KE4S | IZ0GYP | K0NV | JE4RAL |
| W7IV | KW4CQ | JA1BWA | K3FM | K4KAL |
| WB9PNU | OZ7DN | JA7FAS | K8JE | NY1V |
| YB0NFL | PA0ZH | JJ1JMZ | K9ALP | PY2WC |
| YO9FNP | UR5FEO | K3VAR | N1MD | RD9M |
| 248 | W4PGM | K9ARZ | N6NU | RT0F |
| EA2J | W7HUY | LA9VBA | N8WD | W4DAO |
| I7PXV | W8HMK | SM4BZH | ND3L | W4HZ |
| JA4DNC | WB4CW | SP7ICE | NW7M | WB5NHL |
| JH2AJY | YB0DJ | W2OR | ON4ATW | 236 |
| K0THN | 245 | W5LO | W2CG | BA4TB |
| K5RJ | 7L4VYK | W9KVR | YV5LI | HB9ESS |
| KB5UNX | I0LYO | 242 | 239 | HB9HBZ |
| N4NW | IV3AVQ | G1VDP | DL8DWL | HL5OC |
| N6BM | JA2ODB | JA1BON | JA1KXT | IK1IYU |
| N9AKR | JM1ESG | JR6GIM | JA3KKE | JA3UNA |
| N9XX | K0IL | K2SY | K4VNY | JA4GXS |
| NC4RB | K2TER | LZ2XF | KK4OW | K0LB |
| OH6NIO | K4OY | N6ZN | N6PAT | K4JKB |
| SM5ELV | K5VR | N8BJQ | NN2D | K4KEW |
| VU2IBI | K8AO | NK7C | NW6S | KP3AH |
| W1WC | K8ZT/QRP | OZ3SM | SP6AXW | N3PS |
| W4DTA | K9SUH | SM7CZL | VU2YYF | N5PA |
| WA5IPS | KO6KD | SP5ELW | WA9BZW | ON6KE |
| WA5NFC | KW4J | TF3DC | 238 | OZ1HPS |
| WW8W | VK2CA | W5FPT | CT1HHP | W5AAJ |
| YL2TW | W3BNN | YB1RUS | DK3UA | W6HYI |
| 247 | W7CD | 241 | EA6LP | WA4BIM |
| F5NBX | WA4MME | AD8P* | EI6IZ | 235 |
| I8MTQ | WB3JFS | CT3CD | G3XLF | HB9VAB |
| JA6ENL | WY6N | CU3AN | JA0AXV | IV3FFI |
| KE6V | 244 | DM6MA | JA2OLJ | K3DFL |
| KF6HI | 7J1ADJ | EI5GSB | JA9APM | KB5HC |
| KQ4EE | BV1EK | IZ0BTV | JE3FOR | KE9S |
| LA2XPA | DS4NPL | JA3PRM | K1ZJA | N6WT |
| NA2AA | JA3AVO | JA6GIJ | KC2SST | N7BD |
| PY2GG | JA7MNF | JH2BNL | KE1VT | SM0BYD |
| UA9AEU | K2SD | JH3FCF | N9PGG | SV8DOU |
| | K4YYL | JK1SQI | OH2LHE | W4DC |
| | K5FXB | K1ROA | PY2RO | W4WN |
| | K5JZ | | | |

W5SUM
W8RV
YB0MWM
YO3IPR

234

AA4UC
AD6ZJ
AL7R
CT1ELF
I5FLN
IV3BSF
JA7MAD
JO4JDU
K0CF
K1RH
K5ALQ
KK9T
NV4B
NY6C
SP5IXS
TF3VS
UA9FFV
W1DYJ
WA1ZIC
WB0ULX
ZS2Y

233

IK0WRB
K6QU
KK8MM
KU4BP
KW1DX
LA2GH
NO0B
OZ9XU
SM0NUE
SM2EJE
VR2CH
W0MU
W0QC
W0SR
W4AG
W4MA

232

AA5TL
EA7AN
JA8BOV
JF1KML
K5HK
K7LV
K9AQ
K9UQN
KB7AK
KF9AF

N2GZ
N8GP
NZ5O
W6KK
W7IAN*
W9QO
ZS1DX

231

AA8SW
DH3KM
DL4FAP
GM0VIT
IT9ODQ
JA1DCK
JE3EDJ
JP1LRT
K1ZE
K3GT
KE5TD
LA4JGA
N3XM
N8BK
PT2ADM
SM5FQQ
VR2XLN
W1AW
W1OP
W2FKF
XE1J*

230

AA8KY
AD0TR
CT3DL
CU3BL
DL4NBE
JH6RTO
JI8PDC
JL1JVT
JP1GUW
JR4CZM
K7STO
KQ5M
N1KC
NJ1H
SM5AOG
W1FA
W1NA
ZS1J

229

AA4AK
DL5KUA
F4FLF
IK5QPS
IV3KCB

JA2MNB
JA3EY
JR7ILA
K0SON
K4AR
K8SIA
KV4T
N6RK
NN5E
S54A
W1JGS
W6FL
WB2KSK
WE1P
WF8R

228

AD4AA
AL7TC
CX2CC
G4VMX
HL4XM
IW9DNI
JA1MOD
JR7XOD
K3PP
K4SX
K7AWB
KD0AA
KF0RQ
KM4HQE
N3KS
N3ME*
N8WRL
NK7Z
RD3BD
SM7WVZ
SP5MXZ
W4UDH
W7VS
WA5KBH

227

AD5MD
EA7DUD
JA0LFV
JA1ITJ
JA7JPZ
JK1JAS
JR7MAZ
K0PC
K0SD
K3SF
K4WY
SP3F
V51YJ
W5IP

WB3BFC
WB4DNL
WB8BZK
WW2DX

226

4X4MF
7L2QAD
AA4LR
AJ8B
EA2AFV
JA4MMO
JK1EBA
K1EDG
N2RJ
N7NG
N9JR
NW4M
VE1VOX
W2CQ
W6WA
WB6CJT

225

JF3VEC
JG2LGM
JG3KLF
JL6USD
JR3ADB
K6EGF
K6JAT*
K6UNE
KD4SN
KI6MQX
KS4YT
N4SV
RA0BA
VE1DUN
W0ZS
W4HY
WC4X
WW0E

224

AE4CW
JA4HXF
JE3WQU
K5DCW
K5UZ
N1WON
N4HN
NA4MM
R4FAN
VA2IG
W9GXR
WY1G
XE1YD

223

AH0U
EA2AGV
HB9AAA
K8MRT
LZ2ZG
N6VS
N7TM
N7ZA
NV4A
OE1ALW
TF3JB
W5KK
W6TK
W9MAK
W9ROG
WB0N
WB4GLI
WD4IXD
YE4FNN

222

JA1GVT
JK1NPH
K0KV
KF4VTT
KG4JSZ
M0HIH
SP5APW
SQ7FPH
W0UC
W4UEF
W8QXR
WB4YDL
XE1L
YB3MM

221

F4WDL
G3WW
IK0WMJ
IZ0FUW
JF2TJJ
JN4FNZ
LA2LI
LB7ZG
LU4FW
MU0FAL
N1IA
N9LJX
NI5F
OV5O
SK0QO
VK6OZ
VR2XYL
W0JMP
W6DCK

| | | | | |
|------------|------------|------------|------------|------------|
| YO3JF | WA3GNW | WX0Z | JA1UOA | 208 |
| | XE1R | ZL2AO | JL3DGI | 3A2MW |
| 220 | 217 | 214 | JR2PZX | AE9DX |
| 7L3JAR | AA4U | AA4NC | K2PF* | CT2GZE |
| F6FYD | EU1M | DL1SVA | K8WHA | EA4UV |
| K2EK | I1YDT | EA5HM | KB9AIT | JA4FKO |
| K2XB* | IT9YOZ | HB9CQL | KM1C | JJ1KXB |
| K6NR | JA1TD | HL1VAU | N1BY | JR3QHQ |
| K9OW | K0CS | IK0XIH | OE3JAG | JS6QOM |
| N2KI | KC5LK | JJ1BDX | PT7DX | K0FLY |
| N2MEE | KD3HN | K0BRO | W1EBM | K9QJ |
| SM5CBM | KU4I | K0MFI | WA1NXC | KK5OQ |
| W4UFO | SV1IZY | KM9E | WF1H | N1NU |
| WA3FRP | W0AIH* | N5WA | 210 | N4PL |
| 219 | W7WZ | NX2X | AD3C | PY3VB |
| DF3EC | WA9JWL | VK3TC | DJ7JC | RL3BZ |
| DK3BK | 216 | W4OWY | HB9FBG | SP9IZV |
| DK3HV | AB6CF | WA7BNG | JA2KSP | W5RDW |
| HA5CW | DK4TP | WB1DX | JM1JZN | W9MR |
| I7LGM | DL5EBS | ZL3PAH | JR1CAD | W9WO |
| IZ0FYW | F4DSE | 213 | K3GGN | WA4NUF |
| JA7DPC | IW5AB | 9K2BM | K5CR | WB9B |
| K1VI | JK1DDG | AG5CN | K5LY | WT2P |
| K2RET | JM1JIV | EA5RU | K8SL | YO3AIS |
| K7HC | KA6BIM | GI4OWA | KP3V* | 207 |
| K7LAY | KF2OG | HB0WR | KU8X | EA5ZR |
| K8ZZU | KR4BD | K0YL | N7NW | IW0BYL |
| KK7YC | N4DWK | KM8AM | N9DR | IZ0CKJ |
| KW9U | N8AYY | N4MIK | N9IO | K7LY |
| N0JR | PP7LL | NA6O | W0MS | K7VC |
| N4MI | TG9NX | OH3FVP | W0PE | KM4NS |
| N6DHZ | UT7KF | S50B | W4PG | N7NF |
| N6VNI | VE3YXO | SP7CVW | W9NIO* | NA6MG |
| ND7K | VK3KE | W1ITU | WA3WZR | NW7US |
| NS3L | W0BM | W1ZK | WA4QMQ | W4AEJ |
| UX5UO | W3ML | W3DIY | WQ1H | W7SX |
| VA3OKG | W3NS | W4GP | XE1FAS | W8MIL |
| 218 | W4CCS | W6SHY | ZL3RJ | W9GG |
| AE4AN | WA9DU | W7PAQ | 209 | WA8LRW |
| AG4Q | WB2ZAB | WY0V | AC5AA | XE2YWH |
| CU3HN | 215 | XE1EE | BX5AA | 206 |
| HP2NG | AD5WB | 212 | FM5DN | AE0MO |
| K4WZ | EA7LL | AE4M | IZ5MOQ | DK3QM |
| K6LRN | I2YPY | HB9EXQ | JH6WMJ | EC7B |
| K9OT | IK1ZNM | JQ1PCX | K2CYS | HK3PJ |
| KB7QFE | K5QX | K1XE | K7GA | IU0ICA |
| KG6D | KB2ZPB | K6TAR | KN4JX | IZ4AIB |
| KT4AC | KD1AB | LX1CW | KY5I | JA9RT |
| LA2IR | KG4CUY | ON6YH | W3HER | JG1DUZ |
| N7VPN | N7WI | W4PGC | W9CSX | JH2AMN |
| VA2LC | NM1G | 211 | WA4MIT | JH9AUB |
| W1MJB | VK2AAH | G7IRN | WB6AXD | JR0RBY |
| W2CDO | WA3SKQ | HL3ERJ | WG0G | JR3TOE |
| W5WP | WC0W | | | K0PX |
| W8SAX | | | | K3HW |

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|------------|------------|------------|------------|------------|
| K8RCT | N1QY | 200 | W8JA | W5QP* |
| KA1API | ON4LG | AA5N | | WA6HBR |
| KF5WCP | ON5GQ | CT1ESO | 197 | WK9U |
| KK9M | W1ASB | EI5KO | AA4DD | YO3DDZ |
| KN7K | W1LE | GM7NZI | AB2E | |
| N4AA* | W4RQ | JE4KCN | DF1IR | 194 |
| NN9X | W7IUO | JK1BIB | F6KOP | AD0K |
| NU1T | W8LIG | JR1QLM | HL4CCM | EA6UE |
| RN3CT | W9HZ | JS6SCC | KJ4YLO | JA8ANQ |
| SP7QHR | WA4DOU | K3SUI | KX7L | JH8FIH |
| VA7DX | | K5EWS | NG9J | K4RM |
| W5DXQ | 202 | K7QBO | SM3PHM | K9EXY |
| W7QC* | AG6HE | N9LEO | VA3NXM | KK4CB |
| | DL5MHQ | NU4B | W0IKD | KU1T |
| 205 | EA3HDZ | ON6ZV | W4LIA | N5HC |
| HB9ECS | IU8IYE | UA9MC | W5BK | N7JB |
| HB9GWJ | K1EO | VE6PL | W7KKC | SM0EUI |
| HB9JNM | K6VVK | VR2MY | WB2HJV | TF4M |
| JA3UOQ | KF7NN | W7LEA | WB4SON | UA4PK |
| JE4CIL | NA2U | WD4OIN | WS4H | W1OK |
| JG1LRE | NJ6K | WN7J | | W1XV |
| K1AJ | SA3CAT | ZL2LW | 196 | W3MRL |
| KJ4UZU | SP3EPG | ZS6C* | EA1AZ | W7QHE |
| N0TR | TF3Y | | G0OSK | WA9MAG |
| N4TD | W0DD | 199 | K1FE | |
| N6DVR | W1AO | DL2JIM | K8CQ* | 193 |
| N8NA | W4NBS | JH0AKV | K9UWY | EI6AL |
| N9GKE | WA6EZV | K1TKL | KI2D | EI7GY |
| NC1M | WB9W | K4NTO | KP4DKE | JA1VRY |
| NP3CW | YB4CHP | K6GFJ | N4MEC | JH1IZR |
| PY2SEX | | K8EB | N5JED | K6DLB |
| R0QA | 201 | KB0EL | NE5S | N0STL |
| S53MJ | DL6DCD | KN7Y | ON6MX | N5TF |
| W8LR | E20YLM | N4ZY* | SV8RX | N6JOJ |
| WA0SXV | E77S | NC2Y | VU3CAU | N8VV |
| WD5BJT | JA0ED | W1LY | W1CDC | N9MB |
| | JA3EEM | W4DVG | W1DXH | PY8WW |
| 204 | JA9IWR | WB9IWN | W4DSM | R3IS |
| 4X6KJ | JR0GXA | WU7X | WB5STU | WB7QXU |
| JH1RVQ | K6CF | XE1MW | | |
| K4BBH | K7CTV | | 195 | 192 |
| K8SMC* | KB3IFH | 198 | 9H1EJ | 7M4CLF |
| N6EM | KD4POJ | DM3CW | JA0MRW | EI4HH |
| OE1HHB | KI7M | EI1DG | JA3BKP | HK6K |
| RX3BP | KK7BR | G6NHU | JG6MQI | JA8EIA |
| UN7BK | LA5LT | HA5BSW | JH7RTQ | JH0HVJ |
| W5FL | LA7EIA | HB9AGO | JJ0LZQ | JI1CYX |
| W9PDS | N8IL | I8HAK | JR1KBJ | K2WJ |
| WA2VQV | NF7D | IK2ULM | JS1MRA | KA5JSM |
| | OH3PYY | JA1IFD | K8ROK | LA7QI |
| 203 | SM5CAK | JE3PCP | KA5VFU | LB5GI |
| 7K3QPL | W2WC | KG8CW | KG6DX | N7KDT |
| EA4D | W5SV | LA8ZAA | N0AMI | PT7CB |
| EI2JD | WA6QGH | N7RD | N5JEY | R9JX |
| JH8LEY | WB2WPM | NA7RH | N5UE | SM6CLU |
| K7CU | WB9ZNZ | UT7EC | SM2DMU | UA1OM |
| KA9OKH | YO2DFA | W7JET | W2PD | W4CIR |

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|------------|------------|------------|------------|------------|
| W6OUL | R9MJ | KV7N | IZ7GIT | SM5CSS |
| WZ4RC | SV2CLJ | M1EMC | JA1IAW | VA3HP |
| 191 | VA6SZ | N2ZL | JH3EQP | WB9TFH |
| 4X6UU | WV4V | N9BVA | K0RAR | WL7OU |
| DL6LZM | WX2CX | OZ6TL | K3EJ | XE2MX |
| EA5GXI | 188 | W4HOG | K3VPZ | 180 |
| HL1MKT | BG8PA | W6HB | KJ4R | A65BD |
| I4UUL | IZ1JLN | W8MSP* | KL7KK | DK8IZ |
| JA6CMQ | JA5XPD | W9GM | KL7NW | F5AQB |
| JH1AWJ | JA6JYM | WR7Q | KS8W | JA5MOO |
| K7PT | JI1MNT | 185 | LX2SM | JF7RJM |
| KE2M | K2HT | 9M8DEN | N4XMX | K5EWJ |
| KJ7NO | K2MK | DL4ZAB | N6KK | K7PTC |
| KO4PRE | KK4CLY | EI3CTB | NI7F | K8MVZ |
| KR4DA | LZ1XL | HK1X | NO9E | KB2S |
| N0YO | N6XT | JA1SZN | W4NE | N1BCL* |
| N4BAF | PY4AZ | JA2BUR | WQ5T | N4ST |
| N4QM | RA9SC | JM1LPN | WW8RT | SV1BYI |
| UA9AGX | W5TUF | K4QD | YB1RKT | WA9IVH |
| W0JW | WA5YNB | K4SAF | 182 | YO4AUL |
| WA1EHK | WX2K | K7LFY | AB9KZ | 179 |
| WB8EKG | 187 | K9MMS | AC4TO | A71AM |
| WY4I | AF3X | KB1W | DJ4JZ | G4YCS |
| YB2TS | IZ2MHT | KC9G | DL1MEV | IK5BSC |
| ZS6UT | IZ6ERS | N1ZZ | EA7LS | IW4EII |
| 190 | JA1UTB | N4KM | JA1DCO | JA0NZR |
| DL2RD | JA4RED | NC7B | JA1IHD | JF2AIJ |
| HL4CBX | JE3OUW | PY2OP | JJ1UHZ | KR0O |
| JA8WGX | K3XO | SP3TLJ | JM1CMA | N3AIU |
| JH1AQN | K8ARY | W0ANZ | K4TXJ | N4KEB |
| JL3RNZ | KC2STA | 184 | KO4PY | N5FEE |
| JR1FCS | KT8D | AA4OC | N3AO | N8NB |
| K7RAN | NX8Y | G4VWI | W0IEA | NS4F |
| KJ2U | VE3NJC | JF1KIG | W6GJB | TF5B |
| KM4VI | W4AO | K4JLD | W6IS | UA4SKW |
| KN4FO | W4GHW | K4RDU | WB8RFB | W1MR |
| OE1JIS | W7IMU | K9JDP | WY9V | W1PY |
| W3DQS | WA8RCK | KB2XJ | ZS1EL | W4ASE |
| W4LEW | 186 | KC4HN | 181 | W9BS |
| W5AP | A61BK | KI7HO | AA3AZ | WA7HR |
| 189 | DL6NW | KP4DS | DF2WF | 178 |
| 9H1AE | IW8CGX | KP4N | DL2AMD | 4F1OZ |
| AA7XT | JA3MIO | KZ2R | DL7BO | AD6DK |
| AI9U | JG1GJH | MU0GSY | G8BCG | DS2BGV |
| G0THF | JJ1OKK | N5QZ | IZ2CSX | EA2AA |
| JA0AVS | JP1GVC | PY2CP | JA0GZZ | EA8TK |
| K2GLS | K0MD | WA5NOM | JA1PUK | EI5JL |
| K6UXO | K2DF | ZS6IR | K3PIN | F4CPF |
| K9TRV | K2RNY | 183 | K4HQB | GM4KHE |
| KE4FW | K2TV | AC4BT | K6LPO | GM5YTT |
| M0IFT | K9RT | DK3FB | LU8ADX | JA3AOP |
| N0LD | KD2SC | GM1BSG | N0VVV | K2JK |
| N7VZ | KM5VI | IT9IPQ | NC6R | K6IRA |
| NA2R | KS0M | IW1PUR | NE0U | K9YZ |
| | | | NT9F | |

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|------------|------------|------------|------------|------------|
| KC1ERO | W4GV | DL7AA | 170 | WB1ASL |
| KE3X | WA4TMJ | EW4A | AC8L | WC4B |
| NA5S | WA4USA | G0UII | CU7AJ | |
| OD5YA | WW6G | JG1RYQ | DS3EXT | 168 |
| OT1A | XE2B | K8OS | EI5GM | 4O3A |
| VE1OP | | M0MCV | G3LAS* | AA5H |
| W3HKK | 175 | N3WD | HB9HHH | AC8TO |
| WB2KSP | AA3TH | PF1MO | JA6SUY | AI4QQ |
| WP4CQ | AC0DQ | VK1AX | JE1GLP | DK3TL |
| | CT7ANG | VK4CC | JN1SUT | DL5KUT |
| 177 | DK2GP | W4GHD | JR0AMD | DS4DBF |
| 4F3BZ | EI8GS | W4MOT | JR6GV | F5EOT |
| AK9B | G3CWW | W8PAT | K9BO | IZ5BYJ |
| DD0VE | HB9DTE | WA5PFJ | KD4EE | JA1ERB |
| DJ9KV | HB9PUE | XE2W | KI4R | JA5SEY |
| DL1SWN | HP3TA | YB4IR | KJ6Y | K7YZO |
| EA4S | HS8KAY | | KQ5S | KB1HY |
| G4AFJ | JA6FEG | 172 | N2TC | KB4KBS |
| HZ1GW | JH2NWP | CT1AUO | N2YBB | KB8DID |
| IK4TVP | K1GND | E29TGW | N9ATF | KE8G |
| IZ1JIZ | K4HEB | EA1P | ON5EQ | N4GBK |
| IZ8DEO | KI4TZ | EA3NG | PY2FZ | N8JS |
| JJ1HLL | LB2TG | IZ8GCP | R3BB | NM4SH |
| JR6GHN | N1BRL | JA1UBZ | TA1L | NX1P |
| K0ABC | NA1DX | JA7MWC | W1DAR | SM5AFU |
| K0SRL | SM0BSO | JE2DOD | W1ES | SV1XV |
| K3CWF | SM2YIP | JM3GXU | ZP6CW | VK7ZE |
| K4DET | W2FS | K4EZY | ZS5LEE | W1HEO |
| K4OP | W4JVN | K9AAA | | W2FDM |
| KC3AK | WA7HQD | N0CKC | 169 | W4BH |
| KD8MQY | | N7TW | AJ4IM | W8TM |
| KM2E | 174 | PY2ADR | AK1P | WE2K |
| KN6VTC | AE5FM | RA5C | CT1ETE | XE1ILI |
| W3KB | DL5MM | UY2UZ | G8APB | |
| W4UAT | DL9SAD | WA1KXV | JA2CKK | 167 |
| W4UT | DS5QLJ | WA4VJK | JE7KCI | EI7JZ |
| W5IO | IK8IPL | WA5CMI* | JF3KOA | G4FTC |
| W7GTF | JA0BES | WO5I | JH0IEW | HB9TJG |
| WC2C | JH1FRW | | JH1BHW | IW5EIJ |
| | JH1XFR | 171 | JN1RFY | JA1ASO |
| 176 | K2YSY | AB1J | JR2PAU | JI1DMH |
| 5P5Q | KM4A | CU2AF | K1QN | KB9LIE |
| 5T5PA | KS4WA | CU2CE | KC4AA | KE4BKL |
| E74A | N8TFD | G4NBS | KR4U | KU9S |
| EA1AHA | NI4Y | GW0ANA | KW4MM | N8OQ |
| G4DDL | NN4EE | IK2GOQ | NI8Z | NZ6N |
| IN3FCK | OM2AGN | K0AIZ | OE6BME | SM1NJC |
| IT9ABN | PY2RN | K6JJ | SM7DXQ | UR9IDX |
| JA1PLT | W5VU | K9HQM | VA3UU | W5RYA |
| JH1SBE | W6SIY | K9KDS | VE3FAC | W6ZPL |
| JI3BFC | WM4AA | KB8KIM | VE3FRR | WA1LAD |
| K4IE | WY2U | KD5R | VK5CE | WA5POK |
| KA4H | YB0EIN | LU2JCW | W1TO | WR2G |
| KC5RR | ZL3TE | N3YZ | W3WH | |
| KC9WPS | | TA1PB* | W4DWS | 166 |
| KF8PD | 173 | W4CMM | W5WLA | 7Z1HL |
| NU4Y | 9A1R | W5GOL | W7BJN | AB9BH |

DD9WG
JA3WMS
JE7BUH
K2FJ
K2OP
N8IK
SV2ESW
TG9AJR
UA0FDX
VA3EJN
W3JXP
W7TG
WB8QZM
ZS1C

165

EA4EJP
F5NNN
JA4CSJ
K2MHE
K3GW
K4WM
K6BR
KF4IFF
KK4XL
N3HYB
NN3V
SP5AMN
VA3IC
VU2ABS
W1MO
W1RG
W3IZ
W4ARK
W6BBS
W7YED
WD8LTM
WW3A

164

AB7RW
AC0W
DD0VU
DL5ZB
DS3EXX
G3VQO
G4SGX
G6MXL
I8NLC
JF7NNI
JG1WNO
K0LU
K2DC
K6ME
KA5IAU
KD4CM
N7MB

N7UJJ
NC6K
NC6RJ
NZ3M
PY2FUL
VK3MB
VU2AE
W8BI
W9EBO

163

JF2RSF
JG3KMT
JR1HYA
JT1CO
K0BX*
K3DQB
K3WJV
K4GN
K5SES
K6GCN
KB8NTY
KM2O
LA8PDA
NJ6W
NW6V
NY4G
RA3SD
RW6MBC
VU3RGB
W0OGH
W6DOE

162

AA6XV
AB4FH
EI4CF
JF2SKV
JH1ORA
JQ2MPJ
KA1BQP
KA3GWD
KL2R
KM4CQG
KV8P
LA1J
N1BZ
N3PV
N3TR
NS4X
ON8PHD
OZ6EI
TF3G
WY7FD
YV4DYJ

161

F1BFD
IC8XIL
JA2HOL
JE1COB
JE7OEC
K3JM
K3LA
KC4DM
KE9UA
KU2A
N4LKB
N9AZZ
NH6L
WA3UTC
WB2RAJ
YB1BML
YO6HSU

160

EA6AZ
EI4BZ
F5VML
FM5FJ
HB9MXY
JA1EYN
JA6NQT
JE2SOY
K3MI*
K7FL
K8WVA
KE4KMG
N4HL
N7PIB
NR5O
VE3TMG
VU2TMP
W0PPA
W1ZS
W9UM
WC4V
WM9Q
YO6HOY
ZS6RJ

159

AC0B
DL8OH
F1OBJ
IV3NVB
IZ7QSS
JA2KQG
JF3AHI
JG1XBM
JR1LZK
K3RWN
KE7BMG

KM8V
KX6C
N4UW
UA0SC

158

DK1NAL
EA5LV
EA8TZ
IK6BMU
IZ8EYN
JA1CCG
JA2CPD
JE6PJP
JH2WDT
K8YAH*
K9UO
KB0V
KC2WUF
N0EUV
N5EI
N9MR*
NT5O
W4TE
W6PG
W8PE

157

AC4FZ
DS4OMS
F5GSJ
IZ5GST
JH1RFM
JH4GNE
K0GEO
K0QB
K1LTJ
K2RKJ
K9IA
KB5CSQ
KD5RBU
KG6WIK
KM4LS
LA8WG
N1SZ
N2XQM
N4LSJ
N6VH
N8YQX
N9MSG
PP2FN
SP5NON
TF2LL
VE3VHH
W2KNG
W6ELI
WA1W

YB9AY
ZS4JAN

156

AC7JM
EA3HPX
F8DZY
G3PSM
G4ZWY
IU5RTR
J68HZ
JA1GLE
JH1IY
KO4DKI
M0NGN
N4UP
N6MM*
PV8ABC
VU2NXM
W1GY
W4AFB
W4JDS
W8EOG
YO8PS

155

DL6ZBN
EI3HA
EI9HX
JF2OHQ
JH8UGL
JP1EWY
K3KY
K6RI
K7PO
KD2GC
KF1P
LB8OH
N0TK
N1HO
N4LV
N6FS
NR0Q
NZ0O
RK2M
VU2SWS
W6DRB
W8VK
WA8Y
WB3AVD
WU1U
YB2TJV

154

AA5B
AD7XG
DS5WQT

| | | | | |
|------------|------------|------------|------------|------------|
| DU1KT | W6OZI | EA5XV | JA5CDL | M0VCB |
| G0FWX | W9LU | JA2ACI | JA5IBP | NA8W |
| IC8SQS | WA2BOT | JH1HRJ | K1RI | OH3GGQ |
| JK1AKA | | K3HPA | K4HYJ | OV2B |
| K2CDJ | 151 | K4ZRJ | K7UW | VE7UM |
| K8CR | AB0RX | K5VG | K9WMS | W3UNX |
| K9AAN | AB5YI | KA7CVJ | KD9BIE | W4DN |
| M3DFW | EI8JB | KB7V | KI4NSP | WF5I |
| N5MT | IW7EDZ | KH6XT | KX4I | |
| UW7UA | IZ4IRO | N1CNG | LU2AH | 144 |
| W4GH | JA4DLF | N1GNB | N2SO | DJ6OZ |
| W6RFF | K0FD | TA1AL | N2YU | HL2DBP |
| WC2L | K5KG | VR2VGM | N9QQK | IK5ZAJ |
| WM5H | KG5NP | W0ZX | W4TNH | JH4GXE |
| WU8T | KN4WOJ | W5PD | | K1XGM |
| | KX2B | W5WS | 146 | K2IRM |
| 153 | N9ATD | W7FI | 7J1ABD | K4GHS |
| AA9WO | NJ1Q | W9GFB | 9J2BS | K9BQL |
| AC9GK | OZ9U | W9SE | AB1NS | KA9JCP |
| G8GHD | VE3NKS | YB0AZ | AB5GU | KE3ZT |
| HB9BMY | W4TUN | ZS2I | AE4VJ | KI2Y |
| IU8GNY | WA6MRK | ZS6HON | AE5LK | KJ7KOJ |
| K4AEN | WB8TGY | | AG5Z | N4WD |
| K4NKT | | 148 | AI2S | NN6K |
| K6VWE | 150 | AD6KQ | EI3IO | R6TY |
| KF3N | 7N2JZT | AD9DX | G4EHT | SV1AER |
| NY7T | AC4XO | AK4AO | IW2FLB | SV3EXP |
| ON4EB | JA1CPN | AK6I | K0ASA | W4KCM |
| ON5GF | JA7PKV | DL2VWR | K0JJR | WB5KSD |
| PY2AB | JH1CTV | DM5JBN | K3GO | |
| RA3CO | JR4VEV | ER0FEO | KB8ZUN | 143 |
| SP1NEN | K4TR | HC1HN | KO3F | AK1N* |
| VE7SZ | K6OJ | IK0XKP | NT5EE | DJ5DT |
| VE7YY | K8LBT | IK8OZV | PA3AIN | JA1CPU |
| W3KHZ | K9QA | IZ1EPM | PY2BT | JE4WOK |
| W4VG | KK4TKJ | JA7HYE | W1MRH | JJ1IRS |
| W8WV | LA9KY | JE2VYM | W3KN | K0ARM |
| WB5ZAM | N0IW | JR4DHK | WB1S | K3WGR |
| WJ8Y | N0SL | KA1CTL | WI4R | KB2TGU |
| YO3GJC | N2CJN | KA5SYP | WJ1B | KZ1X |
| | N6DW | KC2RDW | | N1BKB |
| 152 | N9AVC | N4BRF | 145 | N9RE |
| AE5B | NR2D | N4DJT | EA1MV | N9XG |
| AI6P | PA0QRB | ON5RKN | IK6CGO | OK2FB |
| CE3FZ | PT2ND | SM0XG | IZ0COI | SP2LLP |
| DS5JMG | R2ARR | SM3DXC | JA0BEJ | WA2MUA |
| IU4BJC | TA1CQ | UA6XT | JA2FRC | WA6URY |
| JA1RRA | WX3P | VU2OY | JA3FRI | WF7T |
| JK8VMB | YB1AYO | W2ARP | JH1EGT | |
| K1FUG | | W4EJG | K8MN | 142 |
| K1IG | 149 | WW5L | K9MQ | AA2T |
| K5DXR | 7L3SQL | | KA4AHU | AD8NQ |
| KD2OV | A92IO | 147 | KB1AWM | DS5BRE |
| KD9ZR | AA4FU | CT1DMC | KB4CRT | EI2II |
| N5SIX | AA4MM | CT7ABD | KG4OJT | G3VXJ |
| OH3TY | DJ0AH | E73D | KI0HA | HB9GIV |
| SV2DSJ | DS4DRE | EI3ISB | M0PCB | HS1JZT |

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| JA9KA | VR2CC | WO6T | G0MMI | K2IE |
| JA9KRO | W0MF | YB2IQ | G4FVZ | K3UT |
| JE1TNL | W3ATV | | HC1HC | K4CNF |
| JL2ULM | W7QF | | HL2MHU | K6EV |
| KF9LI | | 137 | HS3OY | K7CMZ |
| N3DV | 139 | A71XX | IS0EBO | K7YMG |
| NE5C | 7Z1CQ | AJ6X | JA1RBY | KA4LBD |
| W3MF | AB4BJ | DL9KSM | JM3XZC | LA9JKA |
| W7LEB | AF3K | HB9DPO | K2ZD | N0DL |
| WA7ZXD | A11W | JA3MAT | K4TG | N2IFA |
| WB6FWS | DK4MX | JA9EJG | K9KJ | N2SG |
| WU4B | IZ0GVZ | K0UBR | KS4Q | N4VN |
| | JA0NPQ | K4VAC | LZ2HM | N6GY |
| 141 | JS1LQI | K9JIG | MM1PTT | N8LCU |
| EA5PS | K0GK | KB4DSL | N4PAJ | N9NFT |
| HB9ARK | K4NI | KB7DT | N5ZY | NC3O |
| I0BJV | K5GZR | KC5LT | NN8L | SM6WET |
| IK2BBU | K8RMC | PA9JO | PV8RR | SQ9DXT |
| JA7JAA | KS0JD | RM4C | SV9FBK | UA0ABB |
| K6WY | N2ADE* | SV3GLL | TF1EIN | V31CQ |
| KN9N | N4EDT | W0XE | W2GHD | VE3XK |
| KX5U | N5RN | W1GXH | W5TMC | VE7NY |
| N0AKC | N8TEM | W3/NH7C | W5YKU | VR2ZXP |
| N5TU | NB2P | W3RMS | WF4W | W1IZL |
| N8AGU | NK7I | W9FF | | W6QO |
| N9IXD | OH3DP | W9TO | 134 | WC9C |
| NO2C | OZ9GA | WA0WOF | AF9W | YB2BNN |
| OE6CLD | PY3SB | WB5TOI | DB9CR | |
| RM6LW | UA4HAD | WV0Q | DL2DCX | 132 |
| SV7CUD | VE7VZ | ZR6GR | F5ELL | AC5Q |
| W3ENM | W9RB | | IV3XWD | F4GTB |
| W3NRJ | WN1M | 136 | IZ1UKG | JE4FNC |
| W5HMK | | AA7UN | IZ8LMA | JE7FOP |
| W7PC | 138 | AG4TO | K2GW | JG2NXV |
| W9FML | C31MF | AK9L | K4GM | JI1IZS |
| WA4UWD | F8EZE | DG1SGW | K8GT | JJ1CWC |
| XE2AD | HB9HFM | HL4RBR | KA9TOX | K4WJ |
| YO9GJY | HB9WDF | IT9JPS | KC4LZN | K5KEW |
| | IK8PGE | IW0ECV | KC7CS | K5PC |
| 140 | JA0PZJ | IZ0RPS | KI0KN | KB3KJ |
| AA9AA | JA2LMY | JA7NGE | LZ1MDU | KF2ZQ |
| F5DBT | JE6UWU | JR4OTP | N3GTG | KF6A |
| G0HSA | K2KIB | K9CHP | N5TW | LZ1XZ |
| HB9BEM | K4AU | KJ4FZ | NK5Z | M0RTP |
| JA1JYS | K5MMH | OH4KRN | PY5VC | N4GOA |
| JK1OTP | KC2NJ | PA5X | SV2BXA | N4UFP |
| K0IO | KC8IVC | RN0C | UT9LC | NC7M |
| K8JRK | KF2G | VK2GR | VE3EDY | NF6P |
| N1AH | KL7XO | VK7AP | VE9VIC | NJ4V |
| N1UZ | N1FOJ | VR2IL | W0QD | NS0D |
| N4GRC | N3OUC | W2RQ | W3WTD | NS7U |
| N7FF | NE1RD | W2WGK | | PY3OG |
| NA6XX | SV2JU | W4IDX | 133 | TF8GX |
| NA9L | SV3KH | WB2AA | EA2BFM | TG9AWS |
| NS0W | TF1A | WM4W | HC1E | W4WB |
| NZ9Z* | VE3BHZ | | JR2CCH | W6VFA |
| OE9DGV | VU2DED | 135 | JR6LDE | W7GSV |
| | | EI9CN | | |

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|------------|------------|------------|------------|------------|
| W9CTJ | W1HQ | NW3U | KD0KZE | HB9BEP |
| WA1HXH | W4OV | OR4K | KF4JHG | HC2PY |
| WF8Z | W5SG | PP5VA | KG8OU | K4TMG |
| 131 | W9MB | PV8DX | KM6WXB | KB4ET |
| AE1T | WQ5O | S51MA | N0UCR | KC0V |
| AE7U | 129 | TF1EM | N3TTT | KG5POL |
| F6FHZ | AC9HJ | VE3MSC | N8JK | KN4OK |
| G5CL | EA4OR | VE3QAA | NB3R | N0LGU* |
| JA1CCH | EI6GI | W1XK | NT4K | N0RQ |
| JA1QEY | HB9AZO | W2GGY | PF7M | N2MN |
| JA1WTO | HB9MZI | W3GP | PG0S | N4PGL* |
| JA3KWZ | IS0/YO3RA | W4CC | SM6WXL | N5OP |
| JH0LME | IZ7QFN | W4LLP | VA2GA | NS6E |
| JH3PRR | JL3SIK | WA8IWK | VK4BUI | SM6YEC |
| JH7CSU | K5LLA | WD1M | W7CB | W0RH |
| JR3PKO | K7ORK | 127 | W7WES | W2YWC |
| K3IRV | KE7AUB | 6K5AQY | WD9IOK | W4SW |
| K4IU | KG2V | DL5FAC | WW6W | W9KM |
| K7JH | KI6RRD | EA5DKU | 125 | WA6VZN |
| KG5VK | KW8I | EI4GJB | AB2NI | WB6RAB |
| LB8CA | N8KUS | F8DHE | AI5EG | WT5L |
| N4WOT | NE5W | I1FBJ | DL1TPY | 123 |
| NO3U | NF4L* | JA1PHE | EA4E | AA9XA |
| OH7HM | RA9SAS | K0FF | F5BEG | AC6DD |
| VE2WY | VA3AYA | K4SAW | G4PUQ | DJ9KM |
| VE7XT | VU2OT | K5WRE | IZ1UKF | DL5HU |
| W2UB | W1ARY | K6DJ | JA9ALR | F4RST |
| WF5E | W5RAE | K7LOL | JA9EEH | IV3EFE |
| 130 | W8HB | K7LVJ | JE7KQU | IW1GEU |
| AA0BH | WD4GZW | K7VL | JH6JWE | JA1PRV |
| AA2VG | WW4N | K8SI | JO1SIM | JE6RIJ |
| AK0A | XE1SAX | KD2NF | K3LL | JJ1XVA |
| DJ3EJ | 128 | KE8NOA | K4AEH | K3RRR |
| I8DKR | 4X4JU | KF8N* | K4MSS | KA5OWI |
| IZ2GNQ | 5H8HZ | KG4URP | K8PGJ | KH6P |
| JH1OVY | AC2QH | KJ4QDZ | KP4ED | KZ5JEF |
| K0SQ | CR7BRV | NE6V | KW1X | N5CR |
| K4NNQ | HB0RER | OH6IH | KW7XX | W2OIL |
| K5NV* | HI3I | TA2RC | LA2XNA | W6NT |
| K9JE* | IW9FRB | VU2IT | LA5HPA | WQ8T |
| KE4YOG | JA2KPW | W6CUA | LU9DO | 122 |
| KI3O | JJ1IDW | ZL3REX | N0AZZ | DL6WM |
| KK4ODQ | JK1MZT | 126 | N3DD | EA2RY |
| KO6UW | K0FJ | DL9CP | N5XUS | EI5KI |
| M0AQM | K0HQW | G3VDB | NJ2X | JH9FCP |
| N2FY | K1HC | GM1TBW | NS7K | JI1FXS |
| N2YF | K4AVO | JA0EBV | VK2DAG | JL7SNM |
| N8ERL | K5GM | JG4OOU | W0GWK | K3QB |
| NG4DX | K6CW | JH3IOY | W3LWH | K9BR |
| OZ7BQ | K8CJY | JJ1VFE | YU1JF | K9TVG |
| PY2YW | K8ZEE | JT1DN | ZL2DD | KL7XD |
| VE2YG | KQ6K | K0JDD | 124 | KO4XI |
| VE7ON | KY6AA | K4RP | AC6FU | KP4DDY |
| VR2CO | N6BDX | K7BWC | DS2GOO | KR7RK |
| W0TLX | NQ4A | K9LCR | EI2IP | NG0G |

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|------------|------------|------------|------------|------------|
| NZ5F | IU8LMC | K3FS | K1JKR | WB8YTZ |
| S52R | K1XO | K3MSB | K4BNF | YV4EH |
| TA1UT | K6SY | K3WSU | K4HDW | |
| VU2MB | KG4IYS | K5KDX | K4LCP | 114 |
| VY2RU | KK4MA | K6JAD | K5PBR | 2E0XAR |
| W1KKG | KK5J | KD2UF | KI8AE | AF6O |
| W9LCQ | N0OK | KD4EUH | KJ6YK | DK1MCS |
| WA5YOM | N8XS | KK5ID | N4LS | DL2NAI |
| WB4JPG | NJ8G | N0ATQ | N4WMB | DL4FDM |
| WB6PIH | NR5R | N8AID | N9ETH | G3VAO |
| WD6T | SM3WJU | UA1TGQ | S51DV | IK2SYK |
| WT3Q | UA3DUJ | VA1SEA | SA7CJO | K0FTC |
| WW1WW | VA7DJ | W2MPK | VE3KKB | K1TWF |
| | VE2JM | W2RS* | VU3WUA | K2KYH |
| 121 | VE7VV | W4/KL7GLL | W0QL | K3XC |
| DD9WL | W1USN | W5EC | W4SKW | K9XR |
| DK7VW* | W1ZZ | W9JJ | W4WCD | LU6XQB |
| EI9GLB | XE1AO | WB4UBS | W6JJW | MM0INH |
| F6JSZ | XE3E | WB9AZA | W7VP | N1KM |
| G3YFE | YO5QAW | | WB2UFF | N5MI |
| HL1OYF | ZL3RIK | 117 | | N8LAS |
| IT9GNG | | 9K2HM | 115 | NE3K |
| JA1CC | 119 | EI8JX | 4S6RYD | TA3J |
| JI1LLD | AC7ZG | HA5DI | A71EM | TA7AZC |
| JI4HKA | AF8C | HL4GHT | AA2F | VE3VV |
| JR4NUN | DL2OW | IK2WSO | AJ6V | W1BYH |
| K0WJ | EI2HZB | IZ3DBA | DS5AAQ | W2MW |
| K3LAB | F8GB | JA1DIO | GM0SCA | W5MJ |
| K3UW | HA2EQD | JA5EEU | IK4EWN | W8EH |
| K4RSA | K0SQS | JE2FUP | IU1RLJ | WB9WHQ |
| K8FB | K4WSW | JH5OTE | IZ7HNO | XE2AU |
| K8TLC | K5VSD | K3ZI | IZ7YPK | |
| KA9JAC | KA4KBX | K4PWS | JE1CTA | 113 |
| KC1RET | KC5N | K5TU | JE1FYV | 7K1LUE |
| KD2RUY | KD6WKY | KA4IZN | JF1FSW | AA4RX |
| KG2U | KI0G | KY6J | JK2VOC | BD7IBN |
| LA4RT | KR9A | KZ4EX | JN3XEZ | DL3ANK |
| N1GFV | N5VBK | N2BSA | K1RE | DL9QJ |
| N3CAL | NA1RL | N3STZ | K2CQW | E70X |
| NC8I | OM6CI | N4ZR | K3OK | EA5HB |
| VU2XE | W0LGQ | NJ9Q | N0VTZ | EC4KW |
| W1MJC | W2XX | VU2MUD | N1TQP | F4HAB |
| W2EQ | W9COS | W2ZK | N3COB | GM1DSK |
| W2GM | WA2ALY | W4POT | N6DSC | HS5XWY |
| W5JE | WD0ANB | W6CN | PV8AAS | JA0ADY |
| W8TE | YB9WZJ | W7NP | R7CD | JA0IJG |
| ZS2ACP | YU1LD | W8YV | SM4RGD | JD1BLY |
| | | WT9U | SQ2AF | JG0HEW |
| 120 | 118 | ZS6NK | W4DFU | JH1GNU |
| AA4QE | 7N4OBV | | W4FDS | K0INR |
| AB8M | AC8AZ | 116 | W6EKR | KC4ZA |
| DB3KE | AK3E | G3LOJ | W7GB | KD2CYU |
| EA4ESI | DB4RG | IW7DMH | WA3HR | KE1IU |
| EA4TX | DD8BA | JF1WRV | WA3YZD | KM4ODS |
| HB9GZE | DJ0CL | JH1IHG | WA8KNE | OM4KW |
| HS7WMU | DJ5FZ | K0HB | WB2JFP | ON7RK |
| IK1RKN | IZ4GOL | K0MB | WB2MKX | SV4FFL |

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|------------|------------|------------|------------|------------|
| TA1HZ | IZ4COT | DB2WD | K5HW | 106 |
| VU2JXL | JA1DHY | EI2FG | K5JUC | 5W1SA |
| W4LEW* | JA3DLE | EI6GF | K7WTG | AA7DK |
| W5MF | JF1AZQ | G0DTX | KA2F | DC1TK |
| W7EY | K0XM | HG6IA | KB9S | DL3DUE |
| W8ZR | K4HR | IT9BLB | N3ER | F6ARS |
| WB4PWZ | K4JDJ | JJ2BLV | N6PSN | FM1AG |
| WB8LEM | KT5V | K5IUC | N7WR | G4HUN |
| YE1AR | N0MHL | K5ZD | N8KOJ | HB9AJY |
| | SP7ASZ | KD8DEU | N9MKC | HI7SB |
| 112 | UX5XK | KE0GHU | SV3RKM | IK2HKN |
| AC8MR | VU3DJQ | KI5QQG | TF3DT | IZ0SPA |
| G4WGE | W1RH | KJ2AM | VE3ZN | JA1GQC |
| G4WWG | W7FS | KU4A | VU2OR | JA2RP |
| HB9IBA | W9CLA | LU3XX | W0PMO | JA5GOJ |
| JA1GFD | WA8COB | N1TQ | W9OQI | JJ1VRO |
| J11GDS | WB2SNN | N6RVI | WU6K | K0YA |
| JJ3OFL | WB4SIA | N9OI | YB1SKR | K1FBI |
| JK1AIA | WB9MSM | NA6MB | | K2AMI |
| JQ3TAN | WX0B | NG4C | 107 | K3NO |
| K4AAP | WZ9B | NN7O | AA2WC | K4FW |
| K5RQ | | PG2AA | AG4SO | K5PSN |
| K5YE | 110 | RU9F | DL5KLX | K9DUR |
| K6SLO | AK4N | RW3QHN | DL7LX | KC3OPI |
| K9YKL | CT1FPW | VA3VF | EA1FF | KI4PG |
| KB1OIQ | CT7BQH | VE7BC | 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 | J15WDC | W9GWP | JA5JUG | W0QKL |
| NL8F | K9GL | W9IAL | JM7SKE | W2TX |
| TF3MH | KC9IKB | W9LYN | K0MU | W3TZ |
| VA6SP | KD4SR | WD0AJG | K2KNB | W4OEP |
| VE1AOE | KF6I | WN9A | K6BY | W5DWA |
| VE3DIT | LA3ANA | WZ9W | KR4Q | W7UV |
| W1WCI | N1XL | | KV3W | WA7VHT |
| W3SW | N5LKE | 108 | N0TNJ | WL7CG |
| W7SMW | N5PD | AB6WQ | N1ECC | WV4E |
| W7VV | N7WFK | AF8P | N3PW | |
| WA2IBZ | ND0B | BV6CC | N4RT | 105 |
| WA3IIA | NT6AA | DJ5AM | N6AJR | 7Z1SJ |
| WA4NEL | SM6LPG | DL7UHD | N6UOZ | AA4EA |
| WB4CTX | W2FDJ | EI3GV | N7TP | AE4G |
| YB1RQX | W2PS | EI5FQB | NN5O | A14EY |
| YO2OXD | W4EY | F5VIF | OZ5D | EA5DPL |
| | W7WT | G3YBY | R2AB | EA5WP |
| 111 | WA0CIE | JE1GSD | SP7LPD | EI4DQ |
| AB3TM | WB2BXO | JH3AEF | VA2EU | EI4IZB |
| CT3DZ | WB4EVH | J11MPS | W0VU | EI8GVB |
| DU11VT | WB4HMA | J15RPT | W4WNT | EI8IQ |
| DV3FM | WV1K | JP1RLN | WX7B | F6BZT |
| EI2HIB | | JS2LPJ | YB8HZ | JA1QOQ |
| G0RPM | 109 | K0CCM | | JH1JNR |
| IK7ZLW | 9H1AZ | K4LQ | | JN4SNG |

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| JP1TDG | N4IR | W4CU | YO4CPO | WB5HJV |
| K1KQC | N6GEE | W5TZX | | WB9AIS |
| K1MDA | N8WXQ | W7DEG | 101 | WD4OHD |
| K1RY | NK7L | W8FAX | A41MK | WJ5K |
| K4ZMV | NP4AA | WA4IXW | A41ZZ | WS4WW |
| K5WE | R7LA | WB3EVL | AA6E | YO2ADQ |
| K7ADD | R9GM | WB8PKK | DK7GH | |
| K7HV | W4BZM | WD8KRV | DL4KUG | 100 |
| KD4BPZ | W4GKR | WW5RC | DL5JH | 6K5XZE |
| 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 | JJ1BHO | DG7YEO |
| PY1KZ | AA8DC | G4LRG | JM6NVD | DH9DX |
| SO5AS | AB8OU | IU2LFP | K3JMH | DL1QQ |
| VE7GEL | AC0WL | IW8AWZ | K6DEX | EA3DNC |
| W6KF | AG1T | JA0BXP | K7IA | EI5EV |
| W9IE | C93PA | JJ8BRZ | 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 |

KF5BA
KK6MF
KL7QW
LA6JKA
N0JX
N2EI
N2QLT
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