

ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 12 Mar 2025, 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.

| | | | | |
|---|---|---|---|--|
| 348 K2TQC SP5EWY | KF2O N6AR | 337 AA6YQ DL4MCF G4BWP JA3FYC K1ST W0BV W2LO W2YC W3LPL W9IXX | WD5COV WK3N | 332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HA5WA HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W5BPT W5ZN |
| 347 K4CIA K8MFO N4WW W1JR W4DR | 341 4X4DK DJ6RX DJ9KG G3KMA JH4IFF N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ | 336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN | 334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO K4XP N4XM N8DJX SM5AQD SP2FAX UA6A W1YY W4PK | 331 DJ9HX EY8MM IK8HJC JG3QZN K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W4DKS W5OZI W8UVZ WB6RSE |
| 346 N1DG SM3EVR W9ZR | 340 AA1V EA8AK JA4DND K4UTE N0AT SP5CJQ | 335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK | 333 DJ8NK F6AOJ G4OBK I4AVG JA1HGY JA2KVD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W9RPM WB9Z | 330 AA1ON |
| 345 HA0DU JA2VPO OH1XX | | | | |
| 344 K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX | 339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX | | | |
| 343 DF3CB K3FN K4MQG N4MM VA3DX W3UR | 338 I4LCK K9NU PY4OY SM3NRY W1DIG W7UT | | | |
| 342 JR2KDN K4DY K5UR | | | | |

DJ2YA
DL1AMQ
EI7BA
F6BKI
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
K3WC
K4ZYU
KD5M
N4JF
N8JV
N9IW
NR1R
OK1MP*
RA3CQ
VE3FF
YO5BRZ
YU1FW

329

GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JE2URF
JH1GZE
K0EU
K1HTV
K4CN
K9CT
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP7GAQ
SP8NR
W0DJC
W5XX
WA1JMP

328

AA5AU
DL7MAE
IZ5EKV
JA1SJV
JA6BZI
JI4POR
K4QL
PY5EG
RU3FM

SL0ZG
W2IRT
W4UM
W5FKX

327

AB4IQ
CT1APE
CT1IUA
DK5WL
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH1TWT
JI2KXK
JI8DGO
KW9A
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SP9DWT
SV1RK

326

EA5BY
JA7MSQ
JA9APS
JF1WPB
K5EK
K8PT
LU2NI
N7RT
OZ1AXG
SP5DIR
W8DCH
YO9HP

325

EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JE1SYN
JF1PUW
JF3KON
JF7XKY
JH8RZJ
JS2LHI
K0DEQ
K9EU

N3NT
OE2LCM
ON4IQ
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1ECT
W1RM
W6RLL
W9OP

324

DK9KX
DL5DSM
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JH0INP
JR3GWZ
JR3OEH
K5KC
N1NK
N8BM
NK1K
OE8HIK
R3OK
VE2TZT
W3LL
W9OL
WB4TDH

323

AD5A
EA3GP
JF1KKV
JH2FXK
JJ3PRT
K9IR
K9YY
KF0QR
N5TY
N8RR
NY0V
OH2BLD
SM4DHF
UA3AB
W3NO
W7AO
W8OI

322

CT1BH

EA2IA
F5PAC
G0DQS
IK4GME
IK8YTA
JA4FKX
JJ2LPV
JR2LJO
K2UO
K7NN
KA9CFD
KU0A
N4DW
N4NX
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A

321

AD1C
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
K6FG
KV7K
LA7HJA
N4PQX
N5XZ
OE6MDF
OE8RT
SM6DHU
SV1FJA
UT7UJ
W4FC
W8GC

320

DF2RG
DM5EE
FK8CP
I2EOW
JA3PIS
K1LD

N4II
SP7VC
UY5ZZ
VE3EXY
W6XA
YV1DIG

319

AA4V
DJ4AX
DK1FW
EA8AKN
IK4DRR
JI1DHY
JR7VHZ
K5MC
K6AM
N4DB
ON4AOI
UA3AP
W3KX
W5WT

318

A45XR
AA4HP
AA8CH
DL6KR
G4PWA
HB0CC
JA2JNA
JH4JNG
K2TE
K4IQJ
K5BG
K5DU
KX4R
LA2PA
PY5EW
R3VA
RA7A
RW3RN
VE3LYC
WP4U
YO3APJ

317

DK2NG
HB9HFN
JA2IVK
JO7WXN
K2RW
K6YUI
KE9L
N2BJ
N4QS
OE1WEU

SP1MGM
UX1UA
W6VX
WX4G

316

DL5WW
GM0GAV
IK2QPR
JA8EAT
K3WA
K4EM
K4HB
K8YTO
K9MM
KG8P
KQ8M
N5DG
RV3LO
SP1JRF
UA3DPM
W1GL
W7MO
W9ILY
WA2VYA
YB5QZ
YO7LCB

315

9H1SP
AB3CV
AB6QM
DJ5FI
G3VKW
HK3W
JA1ANR
JA8RJE
JA9CWJ
JR2BJE
K1BD
K8NVR
N5OK
NE1B
OE3EVA
ON4IZ
PY2NQ
SM3VAC

314

CT1DKS
CT4NH
DL6CNG
EA6VQ
G3NDC
HA1RB
IZ8FFA
JA2AH

JA2ZL
JR4OZR
JR9LKE
K2LS
K5AQ
KB0EO
KC9ARR
LA7AFA
MD0CCE
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF
YU3AA

313

5B4MF
AA5AT
AB9V
AC4G
CT1GFK
EA7TV
JA1GRM
JA5IU
JA6VQA
JA7JWF
JH1NYM
JR1BLX
JS3CTQ
K6KLY
LB8DC
N8KOL
NN4R
SP3CGK
WA7NB
ZS6EZ

312

JA1SYY
JA1XCZ
JA7QVI
JH1AGU
JH1QAX
JR1BAS
K1HT
N1IBM
N5ORT
RU3QR
SV1CNS
W7CT
W8HW
W9RN
WB8BPU

311

F3SG
I3BUI
IK0PEA
JA2XYO
JA4MRL
JA5XAE
JR6FC
KM4H
OZ4O
PY2XU
SV2DGH
UR0MC
WB9CIF
WD0DAN

310

JA0CRI
JF2UPM
JF8QNF
K4SO
K6RO
K8FL
LA9AJA
NS6C
RA0FF
RL9F
SP6HEQ
W0YG
W4BP
WB0TEV
WD9DZV
ZS1LS

309

AA5AM
JA1EOD
K0KX
K1AR
K8QM
K9ZO
NN4SS
NU8Z
R9TO
RX3AGD
SM2OAN
UA4LY
W2JU

308

DL2CHN
IU7QBB
IZ2AMW
JA1IZZ
JA7IC
JA9TWN
JG4AKL

JH1SJN
JL1RUC
K0GY
K2UU
K8OM
KN5O
KS1J
LA7JO
OE3SGU
R7NW
VA5DX
W2QO
W6ENZ
W9MU
WA8WV
YS1RR

307

A65BR
DK2JX
F2JD
G0BLB
HB9SLO
I5HOR
JA2XW
JA3GN
JA6WJL
JJ3HGJ
JN3SAC
K2SHZ
K3RA
K9RX
NI6T
SP9JZU
W7OM
WA5VGI

306

DL1KUR
DL5EBE
G0OIL
HB9DDZ
IK4PLW
K0KVR
K5WAF
K5XI
N4TL
OE5RLM
R9FM
W5ADD

305

DJ4XA
JA1VSL
JA7BWT
JA9GPG
JH7RXU

JR2UBS
K0JUH
KD3CQ
KG4W
N9AU*
NQ1K
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
W5XC
YB1UUN

304

DJ9ON
DK5AD
HB9CEX
JA2NDQ
JE2LPC
K8AC
K8GI
KC7V
N7US
N8TR
N9RS
UY5AA
W5AJ
W7DO
WE9R
ZL3JT

303

E72U
EA3GHZ
G3LZQ
HB9TKS
HL3IUA
HL4CJG
IK2RPE
IK4ADE
JG3LGD
K7WP
K7ZA
K9MK
K9US
KB1JZU
RL3FA
RW4NN
SM6CUK
SP3IBS
SP7HOV
SP7ITB
W1SKU
WT8C

| | | | | |
|------------|------------|------------|------------|------------|
| 302 | EW2A | N0RB | PY2IQ | SV3AQR |
| DJ5JH | G3SVD | RA3QK | S55DX | UN7TW |
| EA1N | HB9RG | SM6BZV | WA4FFW | VU2NKS |
| F5CQ | IK5RUN | SV9COL | | W1EQ |
| HB9DDO | IZ4MJP | UA6YW | 292 | W2LK |
| HL2IFR | JE1DXC | W3RJW | DL5CW | W5VY |
| I1EIS | JK1GOK | W9JA | EA5AT | WA9PIE |
| IW1ARB | K6SIK | WA3AFS | G4GIR | WB9EEE |
| JA2VQF | LA3WAA | YO2RR | G8DX | XE2CQ |
| KI0KB | N9FN | | HB9BAT | |
| R5DT | UA9FAR | 295 | IZ3ETU | 289 |
| SP2BMX | UN6T | AD6W | IZ8VYU | AJ6T |
| W0VX | VE3BW | DL1DUO | K5DHY | AJ9C |
| W4QN | | IW0SAF | K7ZD | DL9TJ |
| WD4LBR | 298 | JA1BPA | LU4FPZ | EA6ET |
| | 5B4AHJ | JA1JAT | N7TY | IW0HQE |
| 301 | DL7BA | JN1RQV | N8II | JA3EOP |
| AE5E | G5LP | K5VIP | R6AF | JA8EJO |
| F4BKV | HB9BOI | K5ZK | SP5IWA | JA9FAI |
| HK4SAN | HP2AT | RM0F | W4VIC | JA9IFF |
| IZ1LBG | JA1WSK | SM5FUG | W6SR | JG1WSC |
| JA0DIN | JA4ITW | SP8HKT | YO2CMI | JH4GJR |
| JA1IOA | JA5BEN | SV1GYG | | K3FRK |
| JA1LSP | JG8FWH | VU2PTT | 291 | K4XD |
| JA2WYN | JL2JVX | W2GG | G0EHO | KK0M |
| JE1LFX | JR7WFC | W5LT | IK0HFO | N2NL |
| K4SE | K2PK | W6XK | IT9CVO | R0FA |
| PY7DJ | K8EUR | | JA3ENN | RA1QD |
| RN3QN | ND0N | 294 | JH1BAM | VE3EK |
| SV2AEL | PY2VA | AI9L | K0BBC | W9YSX |
| US5WE | ZL1BYZ | EA6NB | K3PA | |
| WB5JID | | HA9PP | KP2A | 288 |
| | 297 | JA5SUD | LA5HE | 4Z4DX |
| 300 | DL4CF | JE1GWO | N2TN | IZ0RVI |
| 9K2OD | E73Y | JJ1DWT | N7IR | KD0Q |
| DL1TRK | HB9CQK | JR1DUP | N7RO | N6UK |
| EA1AF | JA3RQ | K7ZV | VE3CFK | NA5C |
| EI2GLB | JE7JDL | KZ4V | W7BEM | ON6AA |
| IZ5RVG | JE8CLT | N0KV | W9FR | PY2KP |
| JA1SVP | K4MS | OE5BWN | ZL4TT | S57AT |
| JA9AA | K6ND | RU6L | ZS2DL | UA3AGW |
| JK1EXO | K8WK | SV3DCX | | W1YIF |
| K3XA | K9SM | W3JX | 290 | W2LE |
| K8GG | KG7H | | AA4A | W2NO |
| K8TL | KT1J | 293 | CT1FCX | ZS2EZ |
| K8VFX | W6YI | AA4R | EC3A | |
| MM0EAX | | CU2AP | I4KDJ | 287 |
| PA3CSR | 296 | DL1HRN | JA1KQX | 9M6YBG |
| UR5EDX | AA8OY | DL1SMA | JA1QXC | AA8LL |
| W3OA | CT1DOF | EA3WD | JE2DZC | IV3GOW |
| W6TC | EV1R | IV3YYK | JE2EHP | IW1QN |
| W9AJ | GM0AXY | JA2CXF | JK1TCV | IZ8FWN |
| | JA7LGE | JG0CQK | LA2QM | JA1XPQ |
| 299 | K6FW | JM1FHL | LA5LJA | JA2ATE |
| AC0A | K8VC | K4JAF | LU3CQ | JE2OVG |
| CT1FMX | KB8VAO | N2LM | PP1CZ | K0AZ |
| DM2DXA | LA8PT | N4RWG | SK3PY | K3UL |

| | | | | |
|------------|------------|------------|------------|------------|
| KD0PO | IK8VRH | 280 | W1KSZ | NK0S |
| R9SA | JA0DET | GM3PPE | W3BW | OH1JP |
| SM5ARL | JG3SKK | HA5VZ | W8RLS | OZ1ACB |
| UN7JX | JH3SIF | IZ3ENH | W9MJ | RW7M |
| W1VT | JN1BMX | JA6TMU | WT4Q | UR5WA |
| W4YCH | N4LR | JA9NLE | | W1OPD |
| W8AV | OE2GEN | JF1NZW | 276 | W4HG |
| WA6F | SM0CCM | JH1BNC | AA6AA | W8QZA/QRP |
| | SM6CTQ | JH1HHC | DK3WW | |
| 286 | W2AY | JH4ALY | HB9LCW | 272 |
| AA8R | W4FQT | JR6LLN | IZ5BAM | AF9H |
| AB5A | W5ODD | JR7FRW | JA2XCR | F5PBM |
| CT3HF | W8BBQ | K4WNW | JA7FWR | HK1MW |
| DL2VPO | | PY2DS | JA7LMZ | I5OYY |
| HL3GOB | 283 | SM5CZK | LA9VFA | IK5PWN |
| IK0AGU | DF2GH | UT7UV | N5MOA | JH0BQX |
| IK0XBX | JA1RTX | VK3HJ | ON4CAS | JH7BKN |
| IZ8XQC | JE3ENP | W8LGJ | RX4HZ | K1UU |
| JA1FQI | JG3FEA | WN6W | SM5CLE | K7EG |
| JA2FGL | JL1XMN | ZS4TX | W1YRC | K8BL |
| JF2WGN | K3WW | | W1ZT | KA1ERL |
| K0TPP | K9NW | 279 | W2OIB | KI4GE |
| K1GG | KJ6P | JA0PE | W5GO | N2DPF |
| K1LPS | OE8SPW | JE8TGI | | N9RD |
| K1RO | W1LW | JF2XGF | 275 | ND4X |
| K5PS | W6BJH | JO4CFV | JA2JRG | OE5FIN |
| K5RT | | KF2DT | JA3XNH | PA0ZH |
| LU8EKC | 282 | KQ4AV | JG1OGM | SV1ACK |
| N8SNM | K1DT | OH1ZK | N2JJ | W2OO |
| VE1JBC | K1USA | UN7LZ | N7KA | W3AP |
| W3GQ | K5UO | VE3DZ | N8PW | WA1S |
| W6PJ | LZ2JE | W4UCK | ON5UE | ZS1A |
| W8AXI | PC3T | | PA7RA | |
| | RD3AW | 278 | | 271 |
| 285 | SM4CTI | 9A4T | | 4X1RU |
| 4X6ZK | UA0BA | E72A | 274 | IK2DZN |
| CU2DX | W4OX | EA8RR | EW1KP | IZ8EJB |
| DL2SWN | W7AL | EI9JF | IW0HOU | JH1OCC |
| DS1JFY | | F2NH | JE6TSP | JM1HJG |
| EA3GHQ | 281 | JA8LRG | JH1IAQ | K3PU |
| HL2WA | AD5Q | K2UR | K3PT | KB1EFS |
| IZ8DFO | BA4RF | SM0NJO | K6UM | LB2TB |
| JA2VMU | EA5OX | SM4AZQ | KA8SYV | N6TA |
| JA9FPI | F3AT | VE3CRG | KA8ZPE | NN4X |
| K1DG | HB9RYZ | W8MHW | KS3F | OZ4VW |
| K6GXO | I1FQH | WF2S | N4HB | UA3TT |
| K6PJ | IZ8FDH | WO7R | RA5BM | W1MK |
| LA3MHA | JA2IYJ | | SV9AHZ | W7MEM |
| LA8HGA | K0GD | 277 | UA3ECJ | WA3C |
| N8LJ | N2WB | EU1KY | | |
| OE1WHC | N5GH | F5UJK | 273 | 270 |
| WK7E | OZ1IKY | JA8EOT | AB4SF | 7K1PTT |
| | W0LS | JH3KAI | DH2PC | BA4MY |
| 284 | W7ZJ | K2AJY | JA2TBS | CT1EAV |
| DL6JZ | W8KEN | K8UT | JA6BEE | CT3MD |
| EI9FBB | W8TN | N5LZ | JH3GCN | DK8MCT |
| GM3YOR | XE1KK | UW2ZM | N4IG | EA1KY |
| | | | NA5DX | |

EI6FR
F9XL
JA8DNV
K0BJ
K7UA
K9JF
N4JQQ
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269

HL4GAV
IK7FPV
IK8EPC
JA1OVF
JA1VLK
JP1NWZ
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K9MBQ
N4UOZ
NW7E
OH4UI
OM4EX
PE1L
SM5FWW
W3ACO
W4MAY
YB1AR

268

7M4AOE
CT1FPQ
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JA1NWD
JH4HMG
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KD4W
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N5JB
SM5ENX
SM6BGG
W2FV
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WA0MHJ
WA1YTW

267

AA4FL
HB9IQB
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JI3CJP

JJ1TKN
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266

EI8IU
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JA3BXF
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K4RG
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K8AJS
K8ROX
N6PSE
PZ5RA
RA4CA
SV1HEP
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WB2GAI
WB3LHD

265

4F2KWT
G3WPH
JA4FM
K2CBI
N3VA
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N9JV
NU1B
NV9L
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WA0RVK
XE1MEX

264

4Z1UF
EA1KP
F6DBX
HB9DHG
IZ0NRG
JA1IAZ
JA7HRM
JA8ZO
JR4LNG
K1CA
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF

263

DK4TP
EA3CJ
EA4DL
HA7UW
IZ4DPV
JA6GPR
JA7XBG
JR8AMF
K1KO
K8FH
KN6KI
N1RR
N7BT
NF1G
WA4LOX
ZS6NJ

262

CT1BWU
CU3EJ
I5REA
JA8BAR
K8AV
LA9FFA
N3RC
N6RV
N8OC
NK4L
W0GG
W5ZG
W6NWS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
YB2DX

261

DK3PZ
G3UAS
IZ8IEV
JA3FHL
JA4VLK
K2FW
K7LJ
LA5SJA
NX0I
OM8FR
SM7CQY
SM7IUN
ZS6WB

260

AA9A
EA8MT

EA9IE
EC1AIJ
FG5FR
JA1KPH
JA2FBC
JA3WLN
JH3FUK
K1ESE
K8YSE
K9FN
LY1G
N6MZ
NT5V
SK7AX
SP6JIU
SV1FJP
TG9NX
W2XI
W6TMD
WA5LFD
WV8DX

259

DJ8NT
EW1BA
JA8BNP
JE2RDO
K2UFM
LA6UL
NI3P
PY5CC
W7AH

258

CU3EQ
DK7YY
EA3EQT
HL3AMO
IK4AUY
JA9AGN
JR1WCT
K0TT
KH2L
N1EN
SA0AQT
US0YA
W1SSN
W9EWZ
ZL2IFB

257

AF4HX
DJ0UT
DS5ACV
EA1JO
EA7SG
EB3CW

IK2PZC
K1SM
K4KAY
K6EME
N1API
N6HC
PY2MC
RU1AB
SV1VS
W0JM
W5DM
W8MJ
WQ6Q

256

BH4QYX
EC1A
FG8OJ
IK4HPU
JA0KJE
JF2VAX
JH1RGG
JM1GHT
JM2RUV
K4JJW
K6EID
K8RRT
M0TTB
N1SV
N9ISN
VK3NX
W1KDA
W8JRK
WB7B

255

A16Z
EA5RD
F6ECI
HC1BI
HL3DE
IV3TMM
JA1VRU
JK1OPL
K7XB
KR4F
N1RK
NA5Q
VR2XMT
W5JAY
WS9V

254

BA7IO
CT1BWW
IZ5YHD
JA3VPA

| | | | | |
|------------|------------|------------|------------|------------|
| JF2WXS | W4SK | K3VAT | W0QQ | JN1NBU |
| JH1VUO | W5GAI | KH6M | W4REX | KF0LA |
| K3SEW | W6DE | KM1D | W5PJR | N0ABA |
| KI1U | | N4QWZ | WA2USA | S51NM |
| LA5YJ | 250 | N7DED | WA3F | SP5LKJ |
| UA3O | 6K5YIA | W2/CT1GIF | | UX5UO |
| W3FI | F6HLC | W7IB | 243 | W0SZ |
| W7YAQ | HA7TM | W9JJB | CT3KN | W8WEJ |
| WV4TN | IK0UTM | WS5W | DS5TOS | WA4CEM |
| | JA8CJY | | G4XRV | WB8CQV |
| 253 | JL1MWI | 246 | JA1PBV | XE1RBV |
| JA6IVR | JR0EQQ | AA7G | JA2EPW | |
| JA8XQI | K9ZM | FG4NO | JF1LMB | 239 |
| JH3FHQ | KQ3F | IV3KFB | JR5JAQ | AG1A |
| K0DD | PA0JSE | JE1VTZ | K4ZO | DJ9RR |
| K1FEV | PY2FN | JK1WSH | K8ME | DL9FCY |
| K6MKF | UN3G | K2SN | W1BR | I0JBL |
| K8DV | W2GW | K9YC | W4PNY | IZ1JMN |
| KE1F | W7HPW | KB6CIO | | IZ2FOS |
| N5BO | W7IU | LA9GX | 242 | JA4HAW |
| N7XR | | N3KN | JA4ZA | JA6CBG |
| UA0FO | 249 | NE8P | JH1ERJ | JA7KE |
| VE3YF | EA1RT | PY5IP | JH1WJR | JE2UFF |
| WF4U | HL2CFY | W1KMA | JH4ADK | JH1DGJ |
| YB0COU | IZ8GGF | W3ICM | JJ2WOC | K2XF |
| | JA1EMQ | W5ZO | JK1VXE | K8YYY |
| 252 | JA8FFM | W8OP | JR1MLU | N8SHZ |
| DL7UPN | JH8GEU | | JR7GBL | NF4A |
| F1ICS | K9NR | 245 | K3NQ | OE3KLU |
| G3KWK | KM6HB | AF5CC | K4PB | OH7TV |
| G3NKC | OZ5NJ | AJ8MH | K7FEL | WA6JA |
| JA1BNW | SM4OLL | G3KMQ | KJ7M | WB4KTF |
| JE1HRC | UN3GX | HA5PT | N2NS | |
| JF3PNQ | VE3YV | JA3QOS | N6HY | 238 |
| JH1ACA | VU2CPL | KF7PG | SV1IW | G4FKA |
| JH4CBM | W0RX | N0AH | VK3BDX | HB9MFM |
| JK1UNZ | W8IQ | N2NW | W8GNM | JA0LXP |
| JL1BYZ | W9RC | NZ3O | WB8K | JE1PNX |
| W2ZI | XE2D | S55ZZ | | JF0JYR |
| W7CA | | YB0NFL | 241 | K9GA |
| WV6E | 248 | | AB5C | K9OR |
| | AK5X | 244 | IS0AFM | KA4RRU |
| 251 | G3VPW | IK8UHA | JF6XQJ | M0CSD |
| 9A4W | HB9DOT | JA1CZI | JP1IOF | N4PJ |
| DL2RTL | HL2KV | JJ6IHG | K7KB | N5ZC |
| JA1DDZ | JE2VLG | JJ1BMB | KV1E | N9UA |
| JA1SKE | JJ1SKG | K0KG | N4OA | W4KA |
| JA5BGA | N4XP | K1EFI | W5DNT | WA4QMQ |
| JR3UIC | OZ1LCG | K1KA | W5QM | WB0TVY |
| K4VIG | W2TB | K1YR | | WV9L |
| K8CW | W6RW | KF7F | 240 | |
| KG9Z | W8IW | KK1W | 7K1CPT | 237 |
| KJ7TEA | | N0RN | E21EIC | CT1BOY |
| N4SC | 247 | N6KZ | GU0SUP | G0VXE |
| N5UL | CT1FUH | N6PM | HB9EFK | HB9CXZ |
| W2JLK | H18R | OE3HWC | JA1DM | HB9JOE |
| W3ABT | K1PL | SP6A | JA2FSM | IW3GJF |

| | | | | |
|------------|------------|------------|------------|------------|
| JF2OZH | W7YW | RQ3A | F5LIW | JL3OUW |
| JH1DGQ | W9FI | SV8DOU | GW4TSG | K00K |
| JR0QFA | | W6CYX | HB9DQV | K1JIU |
| K1RV | 234 | W9ZCL | JF1RYU | K4JWA |
| K2NV | DF7EE | | JF1WLK | K5YU |
| LB5WB | DK2CC | 231 | JH2PWY | MU0FAL |
| N4HID | HB9BYQ | AD5WB | JH3GFA | N0ODK |
| SM0MPV | HS1NGR | DK6OR | K4JC | N9SF |
| W6AER | IK0LNN | HL2ZN | K4KGG | NJ7G |
| W8UN | JH1APK | IW7DVM | K5FZ | SM3LGO |
| WA0ROI | JK1BSM | JA1MZL | KB1DMX | W5GZ |
| WB8B | JR1VAY | JH0AWC | KE4UW | W5LO |
| WB8ZRL | JR4LZX | JJ1QUV | NH6T/W4 | W5TFW |
| WC3W | K4MF | K5IB | RA3QUA | W8CZN |
| YO3JF | KE5FXE | KD6UO | VR2CH | W8UV |
| | KE8UM | LZ2XF | | W9KVR |
| 236 | KX2A | NA4EA | 227 | WE1P |
| HB9ZS | ND4V | SM7NDX | DL2RUM | YO9FNP |
| JA1HOM | NV4B | W2DXE | HB9DVO | |
| JA1JYE | OH2IS | W4UDH | HL2EIZ | 224 |
| JA3KNN | W3WST | | I0MWI | JA8NFV |
| JH1UBK | WA4JQS | 230 | JA0DWY | JO1LVZ |
| JN1NOP | WA5UA | G3LUW | JK1SQI | K1CBK |
| K1ACL | WX2U | JA5NPV | K1GE | KZ5DX |
| KM3J | | JA6AVT | K5GH | N3RW |
| N4GN | 233 | J11VVB | KF9UG | N7WO |
| N6IE | AA9GR | K3EA | N1NU | RW4CY |
| OE2BZL | AA9RR | K9JU | N6OJ | SM7BHH |
| OZ7FOC | AJ4A | KB9DAK | W5SL | SP6AXW |
| PA0TCA | DH0GSU | W2KA | WA9GON | V51B |
| W0HBH | EA4DEI | W8FIB | YL2KF | VE3SKX |
| W2YR | EA5AR | W8WVM | | W7NN |
| W3FOX | JH1SOD | W9YE | 226 | WB0O |
| W4GIW | K8BN | WB2NPY | DM2RM | WN6K |
| W6DR | K8EAB | | I0OSI | |
| W9OO | N9BX | 229 | JH1IED | 223 |
| WA1PMA | NE3F | AA3LX | K2BA | AB4UF |
| WY6N | SM0XBI | AE0P | K2RU | AC9O |
| YB2TX | W2NRA | AH0U | K4YJ | AF2C |
| | W6YOO | DL8SDC | KK4OK | EA5B |
| 235 | WA8MCD | IK2GAJ | N2KX | EA7DUD |
| EA7QW | WB2KSK | JA2OLJ | N5ET | I8MTQ |
| EU1U | WD8PKF | K0HD | N6BM | IK2RZP |
| G8AJM | WE4S | K3FM | N9AOL | IZ8MBW |
| JE1IBI | ZL4AS | K4CMS | NG7M | K2HAT |
| JH2VVH | | KD1F | VE7TK | K6IPV |
| K0EOO | 232 | KI4DLS | VK4CAG | KI6CG |
| K0VSH | AC9EM | KK9H | W9DX | KW4V |
| K4QE | EW4C | KS4S | | N2SQW |
| K5CWR | G3XLF | N4NW | 225 | N4ENE |
| K8ZM | JH6DUL | NE6I | DK5RL | NA2AA |
| N2FF | JR3VMJ | W1WC | DS5DNO | W5RF |
| N4IQ | K1XV | | EU1M | |
| NA5Z | K4ST | 228 | JA0EVI | 222 |
| NW4M | K5FNQ | 7J1ADJ | JA4CZM | AK5Q |
| TA1CM | NY2NY | AA0MZ | JF1MTV | DJ9SO |
| W3MR | RK4FD | F1RAF | JH8NQV | DL5XL |

| | | | | |
|------------|------------|------------|------------|------------|
| E77S | IK5QPS | WS1L | W5GA | K0THN |
| IZ7AUH | JA1FJJ | | W7HR | K4WES |
| JA9NFO | K2TER | 215 | W8LMG | K5RJ |
| JH0OXS | K5JZ | 9H1EJ | | KR2Q |
| JM1VRW | KD2T | AA7XT | 212 | N4FN |
| K2AT | KG6I | DS4GKF | G4ZOY | NW6S |
| K6ZZ | KI7AO | EI2HY | JA1BWA | NY1V |
| KB5UNX | KR6C | HB9IIO | JS6TWW | W1FA |
| KS4YT | N1KC | I5XFD | KU4BP | W4WN |
| RA4P | N6DX | IZ0BVU | SM5AOG | W5FPT |
| SV8CKM | NA9RB | JH5HDA | VU2DCC | WA6G |
| VE7BV | W6GRV | JR0AMD | W5DAW | ZS1J |
| | WA3I | JT1BV | YL2TW | |
| | WW8W | K1TZQ | | 207 |
| 221 | | KE6V | | 9K2BM |
| EA2AAZ | 218 | KF4NEF | 211 | DG5LAC |
| HB9HBZ | DL2NOM | N8NN | AA8SW | I1YDT |
| IZ1JLG | DL4NBE | RN9N | JA3LDH | JG1JPE |
| JE2EBT | DS4AOW | W0FG | JE2KSM | KE1VT |
| JI1NJC | I7PXV | W0TT | JJ1KZZ | M0IKW |
| K4CGY | KE3D | W1JGS | K3WWT | N9AKR |
| K5DV | KV4AA | W4IS | KT2C | OE1JIS |
| KU4XO | N4JT | W6SL | LU6ETB | ON4ANN |
| N4TOL | SM7WVZ | ZL2AL | N1BY | RD9M |
| N9JR | TZ4AM | | VR2XLN | TF3DC |
| RU0SN | VU2CDP | 214 | WY1G | VK2CA |
| W0BM | WA2NPD | DJ3AS | | VK5GR |
| W4DEE | WC4H | F4GVO | 210 | W1MJB |
| | | JN7DOS | AA4LR | W4GE |
| 220 | 217 | K0QQ | JR2PZX | W9QO |
| AA6RR | IK0CHU | K2AZ | K5CD | YB0MWM |
| DL4DW | JA2NNF | PY2RO | KD4SN | |
| DL4LAM | JA7ZP | SP7ICE | KD8RQE | 206 |
| EA5DFV | JG5RVQ | W0KCJ | KU8X | 3A2MW |
| EI9FVB | K0NV | WB6BFG | PY2WC | CT1HHP |
| IK1IYU | N6QI | | S54A | HB9CRV |
| JA1OVD | OZ0J | 213 | W5WP | IW9DNI |
| K1DJ | W0TM | 9A1AD | W6WF | IZ4DIW |
| K1NTR | | AG3V | W7FP | JF1IRW |
| K4EU | 216 | DK3UA | W9IL | K3SX |
| K4MIJ | CX2CC | DS3HWS | WW2DX | K8NK |
| K5MT | DJ3XG | EA2AFV | YB0DJ | KK5OQ |
| K6MM | G4VMX | HB9HIT | | KK9T |
| K7AWB | JA2VHO | IV3FFI | 209 | KO6KD |
| KV4T | JH7WQX | JA1FVS | JH8UQJ | KW4CQ |
| KZ9DX | K7LV | JA3NHL | K0LB | N6ZN |
| N9PGG | KK4OW | JH1OGT | K0VM | N8BJQ |
| ON4ATW | KR4W | JR1EFG | KB4MRX | NA9Q |
| PA3BWD | KX4TT | K1NJ | N9XX | W7IUO |
| SM0DSF | LB6KC | K5ALQ | PU1KGG | WA3WZR |
| UR4IOR | NC4RB | KK2M | SM5BNK | WB0N |
| W2PP | PS8ACL | N6PEQ | W6DCK | |
| XE2X | W0SR | N8GP | W8BLA | 205 |
| | W5THT | NA2M | W8HMK | AC9S |
| 219 | W5VQ | VK3FM | WB0ULX | CU3AN |
| F5JSD | W9MO | W1LE | | DL6UNF |
| HB9BNQ | WB3D | W3BJ | 208 | GM0VRP |
| HL5BMX | | | JH0NOS | |

IK0WRB
JA4DHN
K4MV
K4YYL
K5VR
KW1DX
N9KW
OH3OJ
UN9L
WA4MME
WC2K
XE1J

204

JH1OBS
JJ6DGP
K1RH
KB5HC
KM9E
VU2IBI
W4GP
W7IV
WB8BZK
XE1L
ZS2Y

203

DF3EC
F5NBX
IK2RGT
IZ0BTV
JA7JPZ
JH8NBJ
JO3WHB
K0CS
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KK8MM
KM7R
N3PS
N4TV
N6PAT
SM7GIB
SV1FKZ
W1DYJ
W3BNN
WA3FRP

202

BV1EK
IK5BOH/2
IT9ODQ
K9WX
N8WD

NU1O
W1AW
W3NS
W4RDX
W7TUS
W7VY
WA9BZW
WE2N

201

DL4FAP
GI4OWA
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JA0CIU
K0MFI
N2KI
PY2GG
RT5A
W1OP
W6AEA

200

HB9AGO
IZ5FSA
IZ8EKL
JA0KJD
JA3EY
JA7MAD
JH1FVE
K1ZJA
K9SG
KC6JAM
KL7TC
N1IA
N4TD
N7ELL
PY3VB
VK6LC
ZS1DX

199

AA3TH
AC0X
AD4AA
JH0RVY
JI1WLL
K4SX
K4VNY
KC2SST
KI4WCQ
MU0GSY
N2RR
PB9FN
V51YJ
W6JZ
W9LN
W9RXJ

198

DJ0MCH
DL8DWL
IV3BSF
JM1ESG
JR1IZM
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KA1J
ND3L
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
IT9AAI
IV3AVQ
JA2MNB
K6TAR
K8SIA
N7WS
W4DAO
W4HZ
WI7P
WQ5R
XE1H

196

AG5W
CT3CD
DF2UA
G7SSE
HB9ESS
I7LGM
I8YAV
JA1XRA
JA7FAS
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N2GZ
N2ZA
N3QE
NA9A
RC2A
SP3F
SP5MXZ
W6HYI
WA0WWW
WB5NHL

195

CT1ELF
JA7QQQ

K4KEW
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KE4S
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LU4FW
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W3SB
W6KK

194

A65BD
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NJ3K
SP6EY
VU2LBW
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W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
HI3T
IZ5MOQ
JA0AXV
JA1QIW
K3NF
KB2FCV
KM1C
KZ1W
NU4B
SM5ELV
W8NN
WB6CJT

192

F6FYD
G1VDP
HB9FBG
IZ7GIT
K6XN
KE0A
KJ4UZU

KJ4YLO
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NC2Y
NW7US
UR3EO
VA2IG
YB1TQL

191

AA4NC
HA5CW
JH1FNU
K1RI
K8QKY
N4DWK
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N7MQ
OZ7DN
VK2HV
W8UQ
WF1H
WI8R

190

AA4U
AC4VM
DJ9KV
EC7B
G3WW
G4XEE
HL4CCM
JA2ITK
JH8KFE
JI2UDK
K2CYS
K7UT
K8ZT/QRP
KD0AA
N3AIU
N6MXU
NN5E
SM0BYD
W2OR
W9ROG
WA8LRW
WB4GLI

189

I0LYO
IV3KCB
JA1SGU
JG1SWM
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KY5I
M0HIH
OH2LHE
ON6KE

RM3DA
RN3CT
SM4BZH
W4AEJ
W6DPD

188

EA7AN
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PY2RN
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YO2DFA

187

EA5HM
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W5ZE

186

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185

JK7LXU
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W6RKC
WV2I

184

AD6ZJ
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SM2EJE
UN7BY
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W6BK
WB2HJV
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WB4YDL
WB5STU
YB1RUS

183

IU0ICA
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JE4CIL
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WF8R
YB2TS

182

G3SBP
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KS0JD
LA5LT
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VU3CAU
W6SFK
W7WZ

181

IZ4AIB
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N8HRZ
NN9X
NV4A
UA9AEU
W6TK
W6UC

180

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K3DFL
K8SL
N2ZZ
NA5S
VR2XYL
W4DSM

179

DL5MHQ
F4WDL
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JR3ADB
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KJ6NZ
KZ2R
N3KV
NK7C
NO0B
SP5ELW
W0ZS
W1HS
W4CCS
W4TUN

178

AA8KY
AE4M
EA8AXT
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JA1ERB
K1ZE
K3VAR
KU1T
N6DHZ
OZ1HPS
W7HUY
WB6AXD
WC0W

177

4X6UU
IW8CGX
JE4RAL
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JG3KLF
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K2MK
K3OX
K8YE
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SM5CBM
VK2AAH
W0IKD
W0JW
W1AO
W4KVS
WD8KND
YB1TJ

176

DL6NW
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G4AYU
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KT8D
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OZ9XU
VE1VOX
W4LEW
W9WO
WA3GNW

175

AG5CN
IU8IYE
IW1PUR
JA0LFV
JH6RTO
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KD4POJ
KF2OG
KF6HI
KL0S
KN7D
LZ2ZG
N7NG
N7VPN
NS3L
UA1OM
UA9AGX
XE1YD

174

AG4Q
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HB9HVG
JL6USD
JR3TOE
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K9UQN
N4PYI
N5QS
W5JMW
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WA4BIM
WA4NUF
WQ5T

173

7L2QAD
AB6CF
A19U
DM6MA
EA6UE
HB9DVZ
K1ROA
K5ZQ
K6UNE
K8JE
LA9VBA
N7HN
N9DR
NX2X
OV5O
SM0EUI
W8QXR
WA7BNG
WY7FD

172

EI1DG
JA1BON
JE3PCP
JK1JAS
K5TA
LZ1XL
N3AO
N5PA
N7GCO
SP5ES
W1ASB
YB4IR

171

AA5N
AD3C

| | | | | |
|------------|------------|------------|------------|------------|
| CT2GZE | 168 | ZS6IR | AC0DQ | W6DOE |
| DL5MM | A92IO | | AI4QQ | W9GG |
| F9CI | EW1P | 165 | DS4NPL | |
| IK3GBG | JA0PZJ | AG6HE | EA1AZ | 160 |
| IZ0CKJ | JH1ORA | CU3HN | F4CPF | E70T |
| JA3AVO | JH3EQP | EI5JL | HA5BSW | EA1WH |
| JJ1BDX | JP1LRT | HL1VAU | JA0MRW | EA3HDZ |
| JL1GYZ | K1VI | IK0XIH | JA4GXS | IK1ZNM |
| JS6QOM | K2SY | JE4KCN | JR6LDE | JA1ITJ |
| K2TV | KF0RQ | JE4WOK | K0ABC | JA1UOA |
| K4WY | LU8ADX | JF1KML | K0CF | JK1EBA |
| K6ZP | LX1CW | JR1KBJ | K4GN | JR1CAD |
| KB0V | N4ST | K2AX | KE1B | K7LY |
| KC5LK | N6MB | K3VPZ | KW4MM | KC9K |
| KP4DKE | OE1ALW | K7CTV | LA1CO | KM4NS |
| KW9U | R4FAN | KG4CUY | N0AMI | N0IW |
| N8WRL | SV1XV | KG5NP | N4KM | N4MEC |
| NA6O | VR2MY | LA2XPA | N7KDT | N5WA |
| ON6MX | WX0Z | LB7ZG | N9ATF | N8IL |
| W0MU | | N2RJ | N9LEO | NI5F |
| WA4DOU | 167 | N3KS | R3IS | W1TO |
| WA5KBH | F4DSE | RA0BA | SM7CZL | W9FF |
| | JA8BOV | RL3BZ | VA2LC | WB8QZM |
| 170 | KB8NTY | TF3JB | W1OK | ZS6RJ |
| DL2JIM | KD3HN | VK3TC | W1XV | |
| EI5KO | KE3X | W2FS | W8MIL | 159 |
| EI6AL | KH6XT | WB2WPM | WA9IVH | AA3AZ |
| JA1GVT | N1ZJ | WB9PNU | XE2YWH | CT1ESO |
| JK1BIB | N4PL | WC4X | YO3DDZ | EA1P |
| JQ1YIW | N8JS | | YO3IPR | IK0WMJ |
| K6EGF | PT2ADM | 164 | | JA0ED |
| K6JJ | PY2SEX | AC4BT | 162 | JA3PRM |
| K7CU | TF3VS | CT3DL | 4F1OZ | JA4FKO |
| LA2GH | WA0SXV | DL7JRD | BH4IGO | K0IO |
| N4VN | WA5NFC | EI6IZ | DJ7JC | KB7AK |
| N6EM | | IZ0GVZ | DS3EXX | KC4HN |
| N8VV | 166 | JE3FOR | EA2AGV | LA8ZAA |
| NX4TT | AD0K | JJ1JMZ | HS8KAY | N1MD |
| VE1OP | AL7R | K0COM | JR4CZM | N4VG |
| VE2YG | DL1SVA | K1XE | N4BAF | NE5S |
| W0OGH | GM7NZI | K6CF | N5FEE | OT1A |
| W2CG | HL4XM | K6GFJ | W4NBS | PT2ND |
| WA4USA | JG3KMT | KA1API | W8FN | VA3NXM |
| YO4AUL | JQ1PCX | KD8MQY | | VU2MSA |
| | JR6GHN | KL7TS | 161 | W1EBM |
| 169 | K0KV | N2XQM | HL3ERJ | WD5BJT |
| DM3CW | KN4FO | N7WI | JP7FSO | XE1MW |
| JA1KXT | KR4BD | NA2P | K1BZ | |
| JE1PHH | KW4J | NG9J | K2OP | 158 |
| K8ZZU | LA7EIA | PT7DX | K4AR | 9J2BS |
| K9OT | SV2CLJ | S50B | KM4A | AA4UC |
| KI2D | W4PGC | SP7QHR | N7QT | G4SGX |
| N5MT | W8SAX | W6SIY | NA6XX | HK3PJ |
| RD3BD | WA1ZIC | W9CSX | OK2ZDL | IK3DVY |
| SV1IZY | WB3JFS | | SM3PHM | JJ1KXB |
| W7VAS | YO3AIS | 163 | W5BK | K4HQB |
| WA6QGH | ZL3RJ | AA4OC | W5RDW | K8GWU |

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|------------|------------|------------|------------|------------|
| KB2XJ | M0IFT | 152 | IK1UGX | KD4EE |
| KF7NN | N1QY | 4O3A | IT9ABN | KM4HQE |
| KJ7NO | NF7D | AC6BW | IT9IPQ | LZ1MDU |
| N4XMX | NK7Z | BX5AA | IZ0FUW | N0TK |
| N6MM | NO9E | DD0VE | IZ2MHT | N3ND |
| W0JMP | OE1HHB | DF2WF | JA6SUY | N8IK |
| W6FL | UT7EC | DU1KT | JA7GZM | NJ6K |
| W8LIG | W5SV | G0THF | JG1GJH | PY2CP |
| WB2RAJ | YB1AYO | G4AFJ | K5HK | VE6TL |
| WT2P | | IK5BSC | K9RT | W4AG |
| | 154 | JG2LGM | K9UWY | W9MAK |
| 157 | AJ8B | K0PX | KI7M | |
| 7N3IJT | DS5WQT | K0RAR | N6JOJ | 147 |
| E20YLM | JA0GZZ | K2EK | N9IO | AB9KZ |
| EI2JD | JA4HXF | K4RDU | OH3PYY | EI3CTB |
| GM4KHE | JA8ANQ | KD2OV | ON6ZV | F6KOP |
| JA0NZR | JE6PJP | KE9S | SM0BSO | G3VQO |
| JA3MHA | JF3VEC | NH6L | VU2NXM | IS0/YO3RA |
| JE3OUW | JH1AQN | NM1G | W3KB | JA0JPD |
| KB7QFE | JH1BHW | ON4LG | W4NE | JJ0LZQ |
| KN7Y | JM1JZN | R9JX | ZS1C | JK1OTP |
| KO4PRE | JR3QHQ | W6RFF | | K0PC |
| N4MI | JR7ILA | WA6EZV | 149 | K3GGN |
| N6VH | KC1ERO | YV4DYJ | 7N2JZT | K3GW |
| NP3CW | KM2O | | DS4DRE | K4NTO |
| PY1NS | N7JB | 151 | ER0FEO | K4TXJ |
| W3HKK | NE5W | AB2E | JN4FNZ | K5UZ |
| W4DTA | VA3OKG | AD5MD | JS6SCC | KB9LIE |
| WB9B | W4CIR | AK9B | K2HT | KX5U |
| | W8TM | DF1IR | K2KIB | SV8RX |
| 156 | WA9MAG | DL4KUG | K2RET | W3NRJ |
| DK8IZ | WN7J | J68HZ | K8WHA | W8OM |
| EA3HPX | | JA2BUR | K9EXY | W9GM |
| GM3WIL | 153 | K1QN | KM2E | |
| HB9HHH | HB9BEM | K4DET | KP4DS | 146 |
| HB9MXY | HB9GWJ | K7LAY | N0STL | AE5B |
| JA1CCG | JA3UOQ | K9AAA | NE0U | HP3TA |
| JA2ODB | JH2NWP | KE4BKL | NU4Y | JA3KWZ |
| JA9RT | JR7MAZ | KE8G | NZ0O | JE1COB |
| JG3RWX | K0SRL | KK4CLY | PY8WW | K6NR |
| JH2AJY | K4OY | N7MB | RT0F | K8ARY |
| KA9OKH | K5DXR | NU4I | TF3Y | K8POM |
| N4QM | K8ROK | SM0NUE | UA9MC | KB9AIT |
| N7RD | K9MMS | VA3EJN | W7JET | KM8AM |
| W1MR | K9YZ | VA3HP | WA1EHK | N6FS |
| | KF9LI | W3DIY | WF7T | N6RK |
| 155 | KK4XL | W3HER | | N8TFD |
| 5P5Q | LA2IR | W4PGM | 148 | N9MR |
| AB4GE | N0VVV | W5WLA | 4F3BZ | SM3DXC |
| DK3QM | N7NW | W6WA | A71AM | SP9IZV |
| IV3TDM | NC7B | WA9JWL | IW5EIJ | TF4M |
| IZ2EWR | OH3FVP | WC2C | JA1IHD | WA2MUA |
| JA0EBV | SP5NON | | JF2AIJ | WA3SKQ |
| K2DF | W8VK | 150 | JI3BFC | WA5NOM |
| K4EZY | WB4SON | DK3BK | K5LY | WW8RT |
| K4SAF | | DK3FB | K7STO | XE2B |
| K4WM | | HB9EBM | KA3GWD | YB1BML |

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|------------|------------|------------|------------|------------|
| ZS6UT | N7ZA | LZ2HM | K6IRA | WO5I |
| 145 | TG9AJR | VE3NJC | K9BO | 134 |
| 5T5PA | W4JVN | W5VU | KP4N | AB0RX |
| AA5TL | W4UFO | W9BS | N7VZ | AB1J |
| AC7JM | W7VS | WB1ASL | N9NFT | DL4ZAB |
| AL7TC | WY0V | WB8EKG | NI4Y | EA6AZ |
| DL1MEV | 142 | WW6G | NU1T | IZ8DEO |
| EA4S | JA1PUK | YB3MM | OE3JAG | JA6GXP |
| EA7LS | JH6PFY | 139 | SM5CSS | JR0GXA |
| EI7GY | JI1UHZ | F5VML | SP3EPG | JR1HYA |
| JH1CTV | K2CJ | HB9ARK | TA1AL | K3KY |
| K5FXB | K3GT | HB9DTE | W2GGY | K7FL |
| KQ5M | K8MRT | HL4CBX | W2NY | K7YZO |
| KS0M | K9UO | K0QB | W4UEF | K9JDP |
| N6KK | KA6BIM | K0YL | W9MR | K9SUH |
| NS4X | LA1J | K9QJ | WA0WOF | KA9JCP |
| W3DQS | YO8CRU | K9TRV | WG0G | KD2SC |
| W7NP | 141 | KX4I | WS1F | KF5WCP |
| WR7Q | 7K3QPL | N0CKC | 136 | KN4OK |
| 144 | 9H1AE | N2SG | DM5JBN | LB5GI |
| AD0TR | EA1T | N7NF | EA5KA | N2TC |
| DL6DCD | EI3ISB | R9MJ | G0OSK | N6XT |
| G4FTC | HB9EXQ | ZL3TE | IS0EBO | NC6RJ |
| GM0VIT | IZ3XEF | 138 | NT5EE | SM3WMU |
| JK1NPH | JR3PKO | DL5KUT | ON5GF | W1DAR |
| JL3DGI | K2JK | DL5ZB | VE3FRR | W2KNG |
| K1TKL | K5VG | G0FWX | W0ANZ | W4UAT |
| K8OS | K9AAN | JA0CVC | W4EJG | W5AAJ |
| N5UE | K9AQ | JA1PVX | W4GH | W7KKC |
| NJ1Q | KA5SYP | JA1VRY | W4IDX | WB1DX |
| RN0C | KA5VFU | K2YSY | W4MA | XE2AD |
| UY2UZ | NZ6N | K6CW | W4PV | 133 |
| W0AIH* | TF5B | KC9G | W7SX | 7J1ABD |
| WB9W | VE3FAC | KF6A | 135 | DL8OH |
| 143 | W1NA | KL7NW | AB4FH | GM1BSG |
| AA4MM | W5GOL | KU9S | GM5YTT | HB0WR |
| AF3X | W6HDG | N0SL | HZ1GW | HK4EB |
| EA4D | WK8A | N3PV | JA1DCK | JA5IBP |
| HB9AAA | WK9U | OD5YA | JA3MIO | JM1JIV |
| JA1MOD | 140 | PV8ABC | JA7MWC | K7YMG |
| JF2RSF | AA4DD | TA1PB | JJ1HLL | KG6WIK |
| K2OO | AD9DX | W0UHL | JL2ULM | KI4TZ |
| K6LPO | EI6JK | W4DWS | K2WJ | LA9KY |
| K7QBO | EI7JZ | WA5POK | K3HPA | N1BKB |
| K9BQL | I4JEE | 137 | K3WGR | OH3DP |
| KE4FW | JG1RYQ | AC5AA | K4OP | OH4KRN |
| KG6D | JJ1OKK | DL2RD | N5RN | OH7HM |
| KJ2U | K0UBR | G3PSM | N7TW | V31CQ |
| KJ4R | K5GZR | HL1MKT | NX8Y | VU2ABS |
| KN7K | K6EV | JA4DNC | S53MJ | W1GY |
| LB2TG | K7VC | JH1SBE | W5IO | W1ITU |
| N2YBB | KB1HY | K2CDJ | W7QHE | W3MF |
| N4GBK | KC3AK | K2RKJ | WB3AVD | W6OUL |
| N4UP | LA8PDA | K4AU | WB6FWS | W9SE |
| | | | WB9IWN | WB9ZNZ |

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|------------|------------|------------|------------|------------|
| YB4CHP | W9CTJ | WQ1H | N5HC | KV8P |
| YO3GJC | WA7HR | ZS6AKU | N8YQX | N0YO |
| | WB8RFB | | N9BVA | N4LSJ |
| 132 | YB2IQ | 127 | N9XG | NT4K |
| AA4FU | YO8PS | 7Z1HL | VE3TMG | W0DD |
| AK3E | | AG4TO | VK2DAG | W4BH |
| AK6I | 129 | DJ5DT | VR2VGM | W6ELI |
| I8NLC | AD6KQ | DL9GTB | W8VI | W6ND |
| IK8OZV | AE7U | EA3NG | W9COS | W8PAT |
| IZ0COI | JA0AVS | EA4TX | XE3E | WB1S |
| K4BNF | JA1PLT | G8BCG | | WW5L |
| KE7BMG | JA2ACI | HB9TJG | 125 | ZL3REX |
| KG8OU | JA3WMS | HK6K | AC4XO | |
| KI7HO | JH1RFM | I2PPY | EI8GS | 123 |
| KK5ID | JM1CMA | IK2ULM | G4EHT | AB9BH |
| M3DFW | JN1SUT | JA0BES | IK8PGE | AE5FM |
| N1AH | K0ARM | JE2VYM | IZ8EYN | A15EG |
| N3TR | K1IG | JG1LRE | JF2OHQ | DJ6OZ |
| N4EDT | K7ORK | JH1HRJ | JH8FIH | DS4DBF |
| N4QOG | K8RCT | JI1MNT | JP1GVC | G6NHU |
| NN3V | KB4KBS | JR1LZK | K5NOF | IK0XKP |
| ON6YH | KN4WOJ | K7LFY | K9ARZ | IZ8LMA |
| PY2OP | N8BK | KB8KIM | KC2STA | JA1GLE |
| SM7DXQ | N9AVC | KF3N | KK5J | JA2HOL |
| UW7UA | PY3OG | LA2LI | N7UJJ | JH1RVQ |
| VU3WEW | SM2YIP | N0AB | NA7RH | K0MD |
| W3KHZ | VK5CE | N0DL | NN6CH | K2JGL |
| W4MC | W7TG | N1BZ | SM5AFU | K10HA |
| W5FL | XE1ILI | N3GTG | W0XE | KO8SCA |
| WA1HXH | | N5JED | W4AO | LA2XNA |
| WA1KXV | 128 | NA1RL | W5CWQ | LX2SM |
| ZS1EL | A71XX | NT9F | W6PG | N6DVR |
| | DL9SAD | ON5EQ | WA1LAD | N9RE |
| 131 | EA1AHA | VE3EDY | WA4TMJ | OH3TY |
| EI5GM | EI3IO | W0MF | WM4AA | PY2ADR |
| JA9KRO | F4GTB | WA2BOT | WR2G | SV7CUD |
| JH1IIY | HL2DBP | WB2KSP | | VE3VHH |
| K5SES | JH1AWJ | | 124 | W2WGK |
| KA5IAU | K6OJ | 126 | AA5H | W4UT |
| NG4DX | K7PTC | CU7AJ | AF8C | W7FI |
| NN6K | K9YKL | DS3EXT | DJ3EJ | WB8TGY |
| W5EC | KC2WUF | EI4HH | EC4KW | WU7X |
| | KD5R | IK4TVP | EI8IQ | WX3P |
| 130 | KG2U | IW7EDZ | G4RGK | YB9WZJ |
| AA4QE | N0JR | JA5CDL | IT9YOZ | |
| DL1SWN | PU4MMZ | JA5XPD | IZ1UKF | 122 |
| JA2LMY | R3BB | K2GLS | IZ5BYJ | AA0BH |
| JH3PRR | UR9IDX | K5KDX | JH1XFR | AA5B |
| JL4BSE | W0QD | K7PO | JM1LPN | AB5YI |
| K2MHE | W5MF | K8GT | K3SUI | DB4RG |
| KN4JX | W6IS | K9QA | K6VVK | G0HSA |
| N2YF | W8BI | KC3RKW | K7HC | HC1HN |
| N7TM | W8WV | KC5RR | KB8DID | JA9ALR |
| NS4F | W9EBO | KC9WPS | KC2NJ | K0HQW |
| OZ6TL | WA4UWD | KK4CB | KC4AA | K1AJ |
| RU3DX | WC4V | KM4CQG | KD3UY | K1EDG |
| W1MO | WP4CQ | KS4WA | KD9ZR | K3DQB |

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|------------|------------|------------|------------|------------|
| K4VAC | AE5LK | DJ9KM | J11DMH | I0BJV |
| K9KJ | AI2S | IZ0RPS | JT1CO | IZ0FYW |
| KB4ET | CT7ABD | IZ1JIZ | K4LCP | JA1CPU |
| KN9N | CU2CE | JA6CMQ | K8JRK | JA8EIA |
| N1ZZ | DS3DNT | JH3LCU | K8MN | JG4OOU |
| N9ATD | DS5QLJ | K9KJS | K9GWH | JL3RNZ |
| UT9LC | F5AQB | KA5JSM | KB8ZUN | JM3XZC |
| W1ES | IK8IPL | KB3KJ | KC1RET | K2IRM |
| W1HEO | IT9JPS | KC2THY | KD5RBU | K3PL |
| W1KKG | JA1DCO | KD9BIE | N0UCR | KB1W |
| W5HMK | JH5OTE | KG5VK | N1GFV | KD2NF |
| W6HB | JJ1XVA | KX6C | N2ZL | KI8AE |
| WA5YOM | K9CHP | LZ1XZ | N4KEB | N3DD |
| WA9DU | KG4OJT | N3HYB | N5EI | NA1DX |
| XE2MX | KJ6Y | N8KUS | OE6CLD | NG8T |
| | KK7BR | VR2CC | RW6MBC | NK5K |
| 121 | LU3XX | W4AFB | SM1NJC | W0QKL |
| AB4BJ | N1TQP | WA7ZXD | VR2IL | W2ZK |
| DL7UGO | N3DV | WA8RCK | VY2RU | W8LR |
| HA2EQD | N3GS | WB5TOI | W1HQ | WD0AJG |
| IK6BMU | N4UFP | ZS2I | W3IZ | WN0L |
| JA1CPN | NR2D | | W9LU | WT9U |
| JA1EYN | PP2FN | 117 | WA4VJK | XE1EE |
| JA1WTO | VE3QAA | AD7L | WW5RC | YB2BNN |
| J15WDC | VR2ZXP | CE3FZ | | ZS4JAN |
| K1LTJ | VU3RGB | F8EZE | 115 | |
| K3CWF | W1RG | IS0BZR | AA9WO | 113 |
| K9MQ | W5RYA | IZ7QFN | AF7WM | AB1NS |
| KB3IFH | W6GJB | JA9KA | E74A | AK0A |
| KK4ODQ | WT5L | JM3GXU | HB9MZI | DL2DCX |
| KO4DKI | YB0AZ | K0FF | HL4RBR | EA5DPL |
| KU2A | ZS6NK | K4AEH | IW2FLB | F5EOT |
| N3ER | | K9LCR | JA0NPQ | F8GB |
| N5ZY | 119 | KB2S | JA1UBZ | G0UII |
| NA2R | DL2VWR | KB5CSQ | JH8LEY | G4NAQ |
| NA4MM | F5BAR | KO4PY | JJ2VLY | G4YCS |
| NY4G | HL2MHU | KP4ED | K8CR | HB9GZE |
| OZ6EI | JA6JYM | KZ1X | KB4CRT | IU8GNY |
| TA1L | K4RM | N5JEY | KB7V | JA2CPD |
| UA0FDX | K7LOL | N5VBK | KG4URP | JA4CSJ |
| W2ARP | K8EB | N8AGU | MM1PTT | JA5SEY |
| W3/NH7C | LU9DO | VE7NY | N0TR | JF1AZQ |
| W3JXP | N1GNB | W3LWH | N7PIB | JH1GNU |
| W4CC | N8LCU | W3MRL | NE1RD | K1JKR |
| W4KCM | ON8PHD | W4ARK | NG0G | K2KNB |
| W5UQ | SV1BYI | W4PG | NW6V | K4JDJ |
| W7PC | SV2KF | WB9WHQ | OE5MPL | K4JLD |
| W9MB | W1ZK | YO6HOY | W4OV | K4TR |
| WA7HQD | W2FDM | | W5WS | K5TU |
| WB7BBQ | W6ZPL | 116 | WB4MM | K5WRE |
| WQ8T | W8EOG | 6K2ILX | WJ5K | K7MO |
| WT3Q | ZL2AO | AA0FT | WS4H | K9DUR |
| WU9D | | EA5GXI | | KB2TGU |
| | 118 | EI4BZ | 114 | KC0V |
| 120 | 6K5AQY | G8GHD | F6FHZ | LU3JVO |
| AA2T | AC9GK | IZ2CSX | G3CWW | NA9L |
| AC4TO | AE1T | JA2KPW | HC1HC | S52R |

SV2DSJ
VA3AYA
VK7ZE
W0LGQ
W1FC
W3JM
W6BBS
W7CD

112

3C3CA
7Z1CQ
EI2FG
G0DTX
G3YFE
GM0SCA
IK4EWN
IS0BQE
JA4RED
JE2DOD
JF3AHI
JH0LME
K0XM
K4HEB
K4ZMV
K7RAN
K8CJY
K9KDS
KH6P
KY6AA
N0OK
N8AID
NQ4A
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W4LLP
W5GCX
WB2UFF
WD8LTM
WF4W
WJ1B
WN1M
ZL3PAH

111

AK4N
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G4ZWY
HB9ECS
JA4DLF
JA5EEU
JE1TNL
K1RE
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K5NV
K8ZEE

K9JIG
KI2Y
KM5VI
KV7N
N0ATQ
NT5O
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TA1UT
TA2RC
TA7AZC
W7WT
WB8PKK
WL7OU
WU4B
XE1ZTW

110

AC0B
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CT7ANG
DK4MX
EA1BLA
EI9HX
G4VWI
HB9BEP
HG6IA
IZ1EPM
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JH1FRW
JR2PAU
JR4DHK
K3MSB
K4KAL
K4RP
K6DJ
K6SLO
K9TVG
KF8PD
KV3W
N1TQ
N3YZ
N4NYY
NZ7Q
OE6BME
TF8GX
W1ZZ
W5JE
W6TCP
W7YED
W8PE
W8TE
W9GFB
YB1SKR
YO5QAW
ZS5LEE

109

AA4RX
AC8AZ
AC8TO
AF3K
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F8DHE
G0MMI
JA5GOJ
JA9IWR
JH4GNE
J11ZS
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K6JAD
KB7DT
M0AQM
M0MCV
N4LS
N4WD
N6RVI
NN8L
NW6R
NX1P
NZ3M
PF7M
PV8DX
SP7ASZ
T88UW
W3ATV
W3GP
W4JDS
W5SG
W7CB

108

7M4CLF
AC8MR
AC9DX
DB9CR
DL1TPY
DL2AMD
DL2NAI
DM5TI
DU1IVT
E70X
EA5XV
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G6MXL
IK1RKN
JA2DCN
JA2KGQ
JH1OVY
K3XO
K4GHS
K8LBT
KC8YG
KE3ZT

KE7AUB
KI4SFT
KJ2AM
KJ4SKO
KO4XI
KW1X
LU2AH
N2IFA
N5FPW
N5TW
N7TP
N9AZZ
TF3MH
VE7VV
W4DVG
W6CN
W7SMW
WB5ZAM
WC4B

107

AB7RW
BG8PA
DJ5FZ
DK2GP
E73D
EA2BFM
EI5GSB
G4NBS
IC8XIL
JE1CTA
K1FUG
K2FJ
K2ZD
K3GO
K4LQ
K6DLB
K7UWR
KA4LBD
KB0EL
KF2G
KF6XA
KJ4FZ
KS8W
LU5OM
N0MHL
N1UZ
N2SO
NI8Z
OV2B
PP5VA
RM6LW
SV3EXP
TA1CQ
UX5XK
V31MD
W1USN

W5HY
W8JA
WB2BXO
WB2MKX
WC2L
WM4W
WU1U
ZP6CW

106

AB6WQ
AC7DX
AC8IL
DS2GOO
EA3AGY
EW4DX
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G0RPM
G3LPS
HI7SB
JA3AOP
JA3FRI
JF7NNI
JG1XBM
JJ1IRS
JO4JDU
K6VWE
KA9TOX
KI0KN
KI4NSP
KM8V
KR4U
KT5V
M0PCB
N4DJT
N6UOZ
N7MW
N9ZJ
NG4C
NI7F
NS7K
PT2DF
PY2OC
UA0ABB
VE3BHZ
VE3NKS
VE3XK
VU2MB
W0TLX
W4/KL7GLL
W6KF
W7GB
WA3IIA
WA8Y
WS7I
ZL3RIK

| | | | | |
|------------|------------|------------|------------|------------|
| 105 | HA5DI | K6XJ | W1MRH | NJ2X |
| AA2F | HB9BMY | K7BWC | W4GHW | NZ1I |
| AI1W | JA1CC | K7HV | W5TMC | OZ5JQ |
| AP2IA | JA1DHY | K9WMS | W7FS | PA3AIN |
| DL9GTK | JA1RBY | KA7CVJ | W7HJ | R2ARR |
| E29TGW | JH1MYJ | KP4DDY | W7IMU | RZ6MJ |
| F5VIF | JI4HKA | KQ6K | W9GWP | SV2BXA |
| G3LOJ | JQ2MPJ | M0UPL | WB4PWZ | SV4FFL |
| HL4GHT | K0BRO | N1MIE | WB7QBS | TG9AKH |
| JA1JYS | K1TWF | NB3R | WD6T | UA4PK |
| JA1SZN | K2CQW | NI5G | WD9IOK | VA2GA |
| JE6UWU | K4WW | RX3BP | WN9A | VK4BUI |
| JJ2BLV | K5JUC | VE7XT | XE1SAX | VU2OT |
| JK1AIA | K7UW | W2SUB | YB0EIN | W0ZX |
| JK1AKA | K8WVA | W4CU | YB9AY | W2FDJ |
| K0MB | KE4YOG | W5IP | YO6BHN | W2GHD |
| K1EO | N1FOJ | W7KHZ | ZS2ACP | W2PD |
| K1ETA | N3PW | W8EH | 101 | W3RMS |
| K2GW | N4PAJ | WA6URY | AA9D | W3SW |
| K5WE | N4ZR | WA8KNE | AB2NI | W4PM |
| K6GCN | N8TEM | WC9C | AB4EJ | W6OU |
| K6ME | N8WXQ | YB1ALL | AB8YZ | W7UV |
| K7CMZ | NA8W | ZL1IM | C31MF | WB5KSD |
| K8FB | OM6CI | 102 | DD8BA | WD4IXD |
| KJ8N | OZ9U | 4X1VF | DD9WG | WM5H |
| KK4MA | PA0QRB | 5H8HZ | DL3XAC | WU6K |
| KR0P | PY2YW | 5W1SA | EA4UV | WX7B |
| LA9JKA | RV4LC | AC0XY | EA8TZ | YB8HZ |
| LZ1JZ | VE3ZN | AD7XG | G3VDB | YO2OXD |
| N2YU | VK3MB | DB2WD | G4GEE | 100 |
| N9APK | W0VU | DL4FDM | HB9PUE | 2E0XAR |
| N9IXD | W9GXR | G4FVZ | IK2HLM | 9M8DEN |
| NC1M | WB7QXU | IC8SQS | JA1KZP | A41ZZ |
| NK7L | WX0B | IZ7QSS | JA5ALE | A71EM |
| OH6IH | YB1BUL | JH1IHG | JA5JUG | AA7UN |
| PV8RR | YO6HSU | K1MDA | JK3NSD | AC0DH |
| TF1A | ZS6HON | K2DH | K0GEO | AD4J |
| VU2DED | 103 | K2DW | K3AXB | AE4VJ |
| W1PY | AF8P | K4HR | K3LA | AJ6X |
| WB8LEM | DS5JMG | K6BLG | K5HX | AK1P |
| WD4OHD | EA2RY | K6JAV | K7GA | AK4AO |
| WK3A | EI4GNB | KB1AWM | K8PGJ | DB6VH |
| WZ9B | EI9GLB | KO3F | K9GL | DC1TK |
| YU1LD | FM4LV | N2CJN | KB5YN | DK1MCS |
| YV4EH | HB0RER | N2FY | KC3OPI | DK7GH |
| 104 | JA3MAT | N4IR | KC4ZA | DL3ANK |
| 7N4OBV | JF1KIG | N8KOJ | KE9UA | DL5JH |
| AA2WC | JI1FXS | NA4D | KJ5RC | DS4GQR |
| AA6XV | JP1KHY | NN5O | KK6VGE | EA5PS |
| CT3DZ | K0OOK | R9GM | KU4A | EI4DQ |
| EA4EJP | K2RNY | S51MA | LA3ANA | EI4GJB |
| EI3HA | K3PIN | SM0XG | M0PTZ | EW4A |
| F6ARS | K3TXW | US8ZAL | M5LRO | F5JWH |
| FM5FJ | K4NI | VK2GR | N3CAL | F6JSZ |
| G0DRM | K4PWS | VK7AP | N4PF | G0GFC |
| GW0ANA | K4SAW | W1GF | NC8I | G4PUQ |

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|--------|--------|
| G8GFF | N5CR |
| G8GNI | N5LJL |
| GW0KRL | N5LKE |
| IK7NXU | N7WFK |
| IZ4IRO | N7WR |
| JE7KCI | N8HM |
| JG0HEW | N8URE |
| JG3LDD | N9MKC |
| JG5VFK | ND0B |
| JK8VMB | NE3K |
| JN1RFY | NM4SH |
| JR4VEV | NX6D |
| K1HC | OM2AGN |
| K1JX | OR4K |
| K1PTF | OZ1GCT |
| K2UF | OZ9GA |
| K2UT | PV8AJ |
| K3NO | PY5VC |
| K3QB | R2AB |
| K3RRR | UR8IDX |
| K4GM | VA2EU |
| K4KYN | VE1JF |
| K4QS | VE3KKB |
| K5LLA | VR2PX |
| K5MMH | VU2OY |
| K5PSN | W0PPA |
| K5VSD | W0RMS |
| K5YE | W2MW |
| K7VL | W3KN |
| K9EA | W4CG |
| KA2F | W4DFU |
| KA4H | W4YR |
| KA9JAC | W5PD |
| KB6IGK | W5YKU |
| KC5N | W6OZI |
| KD0KZE | W9KM |
| KD1DT | W9ZT |
| KE1IU | WA2ALY |
| KE8NOA | WA2VJL |
| KF5MDZ | WA3UTC |
| KF5TL | WA3YZD |
| KG4IYS | WB0RXQ |
| KI0G | WB2ZEX |
| KI3O | WB4HMA |
| KI4PG | WB6RAB |
| KK6MF | WB6RJH |
| KL2R | WD1M |
| KL7XO | WD4GZW |
| KR4Q | WI0E |
| KZ4EX | WK7W |
| M0NGN | WM4D |
| N0JX | WM9Q |
| N0KM | WU1T |
| N0VTZ | YB6LAY |
| N1KI | YE1AR |
| N3NVA | ZS6CR |
| N4GOA | |