

ARRL DXCC - 40 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 28 Nov 2024, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

| | | | | |
|--|---|--|---|--|
| 367 W4DR | OH1XX SM6CVX SP5EWY | N6ET W0BV W1GL W7OM | KF2O N1DG N2QT N3XX N9US NI0G OZ1BTE PY2XB VE3EJ VE7AHA | OK1MP PE5T R7LV SM5CEU SP2FAX SP3E SP8AJK W1MK W3GG |
| 362 EA8AK | 353 JA2JW JA2VPO K4CIA K4PI K4XO PY2BW W1NG W1YY W9ZR | 349 DF3CB DJ9KG EA6NB G3RTE GM3ITN I4AVG JA4DND JA4LKB JH1GZE JR2KDN JR3IIR K6XT N0TB N2LT N2TK N4NX SM3EVR SM5AQD VA3DX WA4FFW | 347 AA1V AA4V F6AOJ F6BEE JA1HGY JA5EXW JA9APS K7XB N5AW N7RT UA4HBW W0VTT W3YX ZS4TX | 345 DL7MAE IK1GPG JA1NWD JA7MSQ JE7JDL JH1RFM K2VV K4IQJ K5KLA K7PI KZ4V N5FG S58T SP8NR UA4CC W3NO WB8ZRL WI8A |
| 361 W1JR | K4XO PY2BW W1NG W1YY W9ZR | 352 DJ6RX HA0DU JK1OPL N4CC OZ3PZ W8UVZ | 346 G3XTT HL3IUA JA1XEC JA2JPA JA2XYO JE1SYN JG3QZN JH2UVL K2RW K7SO K9EU KG4W N8DX NQ1K | 344 AG9S DL7VEE EA6SX JA0UUA JA2WYN JE2LUN JH4UYB K4SO K5RK KD6WW R4GM |
| 360 G3KMA | 351 G4BWP JA3CSZ K3UA K8MFO N0RR N9AU NR1R OH2BU W7UT | 348 F6BKI JA0CRG JA1BK JA2JNA JA3EMU JA3PIS JA5AQC JA5IU JA8AZN JE2URF JH4IFF JR3GWZ K0SR K4QL | | |
| 359 JA1ELY JA2BAY JA8EAT OZ1LO | 350 AA7A DJ2YA JA2QPY JA5AUC K3FN N0XA N4XM | | | |
| 358 I0WDX JA8DNV K2TQC SM0AJU W4VQ | | | | |
| 357 N4WW | | | | |
| 356 K4DY N6AR W3LPL | | | | |
| 355 JA1EOD JA1UQP | | | | |
| 354 4X4DK JA3FYC K4MQG K5UR | | | | |

SM6CCO
SP7GAQ
W3UM
W3UR
W4DKS
W9XY

343

DL4MCF
GM3YTS
IK6DLK
JA1DOT
JA2FBY
JH1IFS
JH1TWT
JJ2LPV
K0EU
K0KX
K1ZZ
KD5M
KV7K
N0AT
N3SL
N4CH
OZ1CTK
SM3NRY
W0FLS
W2RQ
W8AV
WB9Z
WX4G

342

CT1EEB
EY8MM
G3TXF
HB9BGV
HB9RG
IK5HHA
JA1IOA
JA2KVD
JA3MNP
JA5MHD
JA6BZI
JF1UVJ
JH2FXK
JO1WKO
K1AR
K5BG
K5DU
N7US
NN4T
OE6IMD
OH1MA
PY4OY
RZ3AM
SL0ZG

SP3EPK
SP5CJQ
UT5UGR
WA2HZO
WD5COV

341

DJ4AX
EA4KD
F6BLP
IK4DRY
JA1SJV
JA8NFV
JA9FPI
JF2MBF
K1ST
K2TE
K4XP
K6EID
K8SIX
N8JV
NO8D
NY0V
RU3FM
SM6DHU
SP9DWT
W1CU
W2YC
W3AP
W4PK
WB6RSE

340

AD5Q
EA5BM
HB9AMO
I1JQJ
JA4DLP
JI4POR
K4UTE
N4DW
OE5KE
R3OK
SP7VC
UA3AB
UA3AGW
UA3AKO
VA5DX
W1MU
W4AG
WT8C

339

9A2EU
AA6YQ
DJ8NK
DK6WL

EU7A
HA8IE
HB9BZA
I4LCK
IK4WMA
IK6SNR
IK8HJC
JA0GJJ
JH1ORA
JI2KXK
JQ3DUE
JR7VHZ
K5AQ
K5KC
KG7H
KW9A
LA5HE
N4MM
N5UR
N5ZM
N6JV
PA3FQA
PY2YP
UA6A
W4OX
W4UM
W6YI
W9OP

338

DJ9HX
DK5WL
GM3POI
HB9BIN
I5NPH
JA2THS
JF1PUW
JF3KON
JH3VNC
K2UO
K5UO
K8PT
K8ZTT
K9NU
KC7V
N2WK
N4AH
N8PR
OE6DK
OK3GU
ON4IZ
PY5HOT
UR0MC
UX1UA
VE3XN
W1RM
W6RLL

YU1FW

337

CT4NH
DL1RWN
G4PWA
HA5WA
I4EWH
IK1WGX
IK4GME
JA2IVK
JE8BKW
K0DEQ
K3NW
K4CN
K6AM
K9YY
NI6T
OH5VT
PY2SP
RA7A
SM4DHF
SM6CMU
SP6CIK
W5ZN
W9MU

336

AD1C
DF3GY
EA5BY
F6DAY
F6EXV
G0DQS
I5KKW
IK6GPZ
JA1ANR
JA5BEN
JI8DGO
JJ3PRT
K1OA
K3JGJ
K3PA
LA7JO
OE3GCU
PY5EG
R7DX
R9FM
RW3RN
SP1S
SP5DIR
UA3DPM
UA6MF
UY5ZZ
VE6WZ
W1TSP
YV1DIG

335

AA6XX
G0JHC
GM0GAV
JA0CRI
JA1KQX
JA4MRL
JA5FBZ
JA7JWF
JA8BNP
JA8RJE
JH4ADV
K0XN
K1LD
K1MM
K2SHZ
K2UU
K9NW
K9ZO
N8RR
R3VA
SV1RK
UA3AP
W5OZI
W6XA
W9RPM
WA8WV
YO9HP

334

AD5A
DF4PL
DJ5FI
JA0EOK
JA1ADN
JA4FKX
JA8IXM
JL1ARF
JL1UXH
JS2LHI
K0IEA
K5XI
K6FG
LA7AFA
N3BNA
NJ6P
OE5NNN
RA3CQ
SK7AX
SP6HEQ
SV1FJA
UT9FJ
VE1YX
W9RN
WA2VYA

| | | | | |
|------------|------------|------------|------------|------------|
| 333 | JE1LFX | K4MWB | VE3EXY | HB9DDO |
| AA1QD | JF1KKV | KX4R | W1DIG | JA1SYY |
| AA4HP | JH0INP | N3NT | W5CIA | JA2CXF |
| AI9Y | JH1NYM | N7KA | WA1JMP | JA4ITW |
| CT1APE | JR4OZR | OE1ZL | | JA7QVI |
| I2EOW | JS3CTQ | OE8HIK | 326 | JH8RZJ |
| IV3JVJ | K3WC | OH2BLD | DJ5JH | K7SP |
| JA8DWR | K9CJ | SP3IBS | DK1FW | N9EN |
| JE1PNX | N7RO | UT7UJ | G4CCZ | R7AA |
| JH4JNG | ON4CD | VK3QI | IV3IZU | RN3QN |
| JO7WXN | R5AJ | W4FC | IZ2EWR | SM3VAC |
| K1DG | R6AF | W8GC | JA1TGO | UT2UB |
| K2FF | RV3LO | | JA6BEE | W2IRT |
| LA5IIA | SM0CCM | 328 | JA7KY | W2LK |
| N2UN | UA9FAR | DK2JX | JA7MA | W2LO |
| R7NW | VE2TZT | DL4CF | K9IR | W5TCX |
| SM5KNV | W7CT | HA7TM | K9MM | W5XC |
| SM6CTQ | W7MO | IK2YCW | ON4AOI | WA5VGI |
| SP7ITB | YO7LCB | JF1WPB | PY2NQ | |
| SV8CS | YU3AA | JM1FHL | PY5CC | 323 |
| UA4LY | | JN1BMX | RX3AGD | CT1BH |
| W1ECT | 330 | K4XI | RX4HZ | DK5AD |
| W7AO | AA5AU | K9KU | UN6T | DM5EE |
| WB4TDH | DK2GZ | KC9ARR | UR5EDX | E72A |
| | G3LZQ | LZ2JE | W2KKZ | EA9IE |
| 332 | G4OBK | N4PQX | W6SR | EW2A |
| JA2EPW | JA2DPC | N4QS | | F2JD |
| JA2FJP | JA2XCR | NS6C | 325 | JH1SJJ |
| JA2ZL | JF7XKY | OZ1AXG | JA3AZD | K6ND |
| JF2UPM | JR1BLX | RU3QR | JA7QFU | K9RX |
| JF2XGF | K0KT | W7RR | JH3CUL | KB0EO |
| JI1DHY | K3KY | WB3AVN | KQ3F | KP2A |
| JN7FAH | K5XX | | LA8PT | N5DG |
| K1UO | K6DT | 327 | OH2FT | NK1K |
| K3WW | K9FD | AI9L | PY5EW | OZ4O |
| K5OVC | LU2NI | DF2IS | RA0FF | PY2XU |
| K5RT | N2NL | DJ4XA | RA9CMO | R9TO |
| K9CT | N2TU | DJ9RR | RM0F | RL3FA |
| OE1WEU | N4DB | EA5RM | SM4CTT | SM6BGG |
| OE5BWN | N8BM | EI7BA | SV1JG | SP6CDK |
| ON7TK | N8TR | IV3YYK | UA3LAR | W6TC |
| W1KSZ | OE2LCM | IZ0AEG | W0HBH | WA7NB |
| W1OX | ON4IQ | JA0DWY | W0MHK | |
| W7SX | W0YG | JA1LSP | W4DC | 322 |
| W9IXX | W3LL | JA6LCJ | W6VX | EA3JL |
| WK3N | W6TMD | JR3OEH | W8HC | HA9PP |
| YO3APJ | W6XK | K4SE | W8TE | I3BUI |
| YO5BRZ | | K5EK | W9AJ | I8PND |
| | 329 | K5MC | WA2UUK | IK5PWQ |
| 331 | AH7C | K5ZK | ZS6EZ | JH1DTC |
| AA1ON | FK8CP | KS1J | | K3UL |
| AB6QM | JA2VQF | N2TN | 324 | K4ZYU |
| CT1IUA | JF1SEK | N5TY | AA6AA | K6YRA |
| DL5DSM | JG1WSC | N5XZ | AC4G | LA9AJA |
| G3TJW | JS1NDM | SM3NXS | DL2OE | N5UD |
| JA7JI | K1HTV | SM6BZV | EA2IA | SV1DPI |
| JD1AMA | K3RA | SP3CGK | G4GIR | US0KW |

| | | | | |
|------------|------------|------------|------------|------------|
| 321 | W8OI | K6YUI | N8BJQ | W3BW |
| AG4W | WB9CIF | K9JF | RU6L | W5WQN |
| I4ENO | WE9R | KN5G | RW4NN | WA6F |
| JA3GN | WP4U | PY7DJ | UA3TT | WL7E |
| JF8QNF | 318 | RA3SS | W1YM | 309 |
| JL1RUC | AJ3K | RK4FD | W5AJ | DL6KR |
| JR1DUP | AJ6T | SM5CAK | W6BJH | EA1N |
| K1HT | F6GCP | W5FKX | W6RW | HB9DDZ |
| K4HB | G5LP | WK6E | WN6W | IK4BHO |
| K7BG | HK3W | 315 | 312 | JA2ATE |
| K7WP | I4MKN | AB3CV | AD6W | JA9NFO |
| KF0QR | JA7LGE | DM2DXA | DL5WW | JR6PGB |
| KN5O | JA9NLE | IZ1LBG | F6FXU | K1NTR |
| N4II | K2EP | IZ8FFA | JA9CWJ | K9MK |
| N5JB | K8EUR | JA1FQI | K8FL | KD4RH |
| N5ORT | MD0CCE | JA3APL | R9SA | N1SV |
| NA5C | N1RR | JA7BWT | RA1QD | OE3SGU |
| NM6V | N6DX | JA7ZP | RD3AW | RA1QY |
| NX0I | N7XR | LA3WAA | SM5CZQ | VE3BW |
| R8TX | OE3EVA | MM0EAX | VE3LYC | W8HW |
| SM4EMO | RW7M | N8DJX | W1BR | WX0B |
| SP7HOV | VE3FF | OE2DYL | W8DCH | XE2CQ |
| WA3C | VE6WQ | R5DT | WB5JID | |
| 320 | W3KX | SM7HCW | WO7R | 308 |
| DK6NP | W6NWS | UT7UV | | AA5AT |
| IK4DRR | 317 | 314 | 311 | CU2DX |
| JJ3HGJ | AA5AM | 9A4WY | AF9H | EA6VQ |
| K2SX | DL5CW | DK2NG | CX6VM | I1FQH |
| K6SIK | DL9TJ | DL7EN | E73Y | JA2VHO |
| K9XD | HB9LCW | F5CQ | G3VKW | JH7MQD |
| SP1MGM | I0KDF | JE2OVG | JA5WIZ | JJ1DWT |
| W1FQ | I6FLD | K1BD | JA6WJL | K2NV |
| YS1RR | IU7QBB | KE9L | JE2LPC | K5PS |
| 319 | IW1ARB | KM1D | JG4AKL | K9FN |
| AA9A | JA1GRM | N4GN | JR2LJO | LA2QM |
| EA3GP | JA7LMZ | N8LJ | K1DT | SP1JRF |
| HB9HFN | JA9AGN | NE1B | K5PC | W0DJC |
| HL2WA | JH1HHC | OE8RT | LU3CQ | W0GJ |
| I1EIS | JH4FEB | SM5OJH | N1NK | W6RS |
| JA2BDR | JM2RUV | W5ODD | NA2M | 307 |
| JF1NZW | K6KO | 313 | RU6M | CT1FMX |
| K4HGX | K8BN | 9K2GS | SM5FUG | EA3WD |
| K7GEX | W5RQ | AB4IQ | SP5GH | JA0DET |
| K7ZV | W7DO | DJ9VA | W5FI | JA3XNH |
| K8BCK | W9PZT | EA5AT | 310 | JA7IC |
| KG6B | 316 | EV1R | 9H1SP | JE2EHP |
| N3MN | A45XR | G0OIL | DF3UB | JG3FEA |
| N4QQ | IK2QPR | JA1XCZ | JR2UBS | JH1OBS |
| N5OK | JH4PMV | JA2AH | JR7WFC | K0JUH |
| N6RV | JR1BAS | JH3GCN | JR9LKE | K1GG |
| RA3QK | K0VSH | K6FW | N5GH | K2PK |
| SM4DDE | K5WK | K7BV | OH6NIO | K3VAT |
| SP6M | K6KLY | K7NN | SM2OAN | K7EG |
| SP7CVW | K6RO | K9US | SM4BNZ | N5KM |
| W6ENZ | | | VK3HJ | N5UL |

N8PW
SM4AZQ
W5BPT
W7BEM
YB5QZ

306

9A4T
DK8MCT
DL1DUO
HB0CC
HB9SLO
HS1NGR
IT9DAA
JA4IYL
JG0CQK
K1YR
K7ZA
K9MBQ
K9RS
LA3MHA
LA7HJA
NN4X
SM0NJO
UA3ECJ
VE1DX
W1UK
XE1KK

305

9A4W
G3VPW
IK0XBX
IZ8XQC
JA0DIN
JA2AHH
JP1IOF
JR4LNG
K2AZ
K4TT
K5TT
K6SRZ
K8GI
KB8VAO
N5LZ
N7IR
OM4EX
SK3PY
SV1ACK
W1YIF
WB9EEE

304

G3WPH
JA1IZZ
JA2FBC
JA9GLW

JH8CFZ
JR1MLU
K0II
K4JJW
K4XD
K5GKC
K8VC
KQ8M
LB8DC
N2JJ
PY2KP
SM6CUK
UW2ZM
W6SL
WD5K

303

I4KDJ
IK0HBN
IK4PLW
JA4JSV
K0KVR
K1ESE
K2SY
K2TK
K3JT
K8TL
K8YSE
KA9CFD
KD0PO
N8KOL
NU8Z
NX7K
ON4ON
PA3EWP
W1SKU
W2WG
W4ZX
W5VY
W7WM
W8MET
W9ILY
WB9UQE

302

AA1AC
AF4HX
HB9DHK
JH2SON
JH4ALY
JH4HMG
K5FUV
K5WAF
K8NVR
LB6KC
N2NS
N6HC

N9RS
SM3CBR
V51B
W2AY
W4HG
W7CA
W8TN

301

4Z4DX
5B4AHJ
AB9V
JA0AOO
JG3LGD
JR6LLN
K1USA
K2LS
K5QX
KS3F
N4RWG
NQ7R
NW6S
W1YW
W3GQ
W7AL
WA2NPD

300

E72U
EI9JF
IZ2FOS
JA5XAE
JF1IRW
JF2WGN
JK1EXO
K8WK
K8YTO
KR4F
LA2PA
LA5LJA
N7NG
N9FN
ND0N
NV9L
ON4ACG
UN7JX
UN7LZ
UN9L
W5SL
W8CZN
WA0I
WO2T

299

AA4R
AE6Y
CT1GFK

DL3OI
DL5EBE
DL7BA
F4BKV
F5PAC
G0BLB
IZ0RVI
IZ5JMZ
JA8EJO
JA9TWN
JN1RQV
S54A
SM5CLE
SP5IWA
SV1VS
SV3DCX
VE6LB
WB8B
ZL2IFB

298

AA8LL
DK3WW
GM3PPE
IK0HFO
IK8YTA
IZ8FWN
JH1AGU
JR7FRW
K3LR
K4JLD
K4ZIN
KJ9C
N4TJ
W1ITU
W2SM
W5VQ
W8LGJ
WO2N
YO2RR

297

EC3A
HB9CXZ
IZ3ENH
JA2CGH
JA2VMU
JA3ENN
JA9AA
JH2AYB
KE9ET
N2BJ
OE1AZS
OE2BZL
ON4GG
UR3EO
W1ZT

W2JU
W3TN
W5LT
W6PJ
W9XT
WF5E

296

9K2OD
EA7TV
F3SG
JA1DOF
JF6XQJ
JF7DZA
JH7RXU
K1DC
K1RO
K2KA
K4EM
K5KG
K5OT
K7ZD
OZ1LCG
SP8HKT
W0CP
W0VX
W2GG
W2QO
W4BP
W5ADD
W8KL
WA9CVK

295

G3TQZ
I2DMI
JA2FSM
JA9FAI
JF3PNQ
K7LJ
K8JJC
KA7T
KB1JZU
N0RB
N5MOA
VE3VHB
VU2NKS
W9OL
WB8BPU
WQ5W
WS9V

294

DF2RG
DL1SMA
DL2CHN
EA6ET

JF1RYU
JG3SKK
JK1BSM
K3OSX
K4PB
KG6I
KJ6NZ
N3RC
N4XP
N7TY
W3OA
W6JTI
W7YAQ
WA9PIE

293

IV3TMV
JE8CLT
JH3FUK
K1LI
K7UA
N1IBM
RU0SN
W4WM
ZS1LS

292

G3KMQ
G4IUF
G4OWT
HK1MW
IZ2AMW
JA1BPA
JA3VPA
JE2DZC
JG8FWH
JL1XMN
K1FK
K4WA
K5ZD
K7ACZ
KB1EFS
KD3CQ
N6HY
N6UK
N8NN
NE3F
RU3A
SV2AEL
UA0BA
UN7TW
W0TT
W2FCR

291

AA8CH
IK0LNN

JK1GOK
JR1JGA
K1EFI
K1NU
KD0Q
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N6KZ
OE5FIN
ON4ATW
PA5TT
RQ3A
W2OO
W5ZG
W7LR

290

EA3GHQ
EW4M
HB9TKS
HK4SAN
IK8EPC
IV3TDM
JA3LDH
JE3ENP
JJ1SKG
K8FH
KC6X
KD6UO
KJ6P
N4TL
PY2SEX
WA1FCN
WA4JQS
WA8CDU
WB3JFS
ZS2DL

289

CT3DL
F5LVL
HA7UW
HB9CEX
HB9IQB
IK0PEA
IK4AUY
JA1GTF
JA3QHR
JA8EIA
JH0BQX
JR6FC
LA9VFA
N4MHQ
N9SF
OE8SPW
RM3DA
SM3PZG

288

AA8OY
DL1DA
DS5RNM
I5HOR
IZ8DFO
JA1RTX
JA2TBS
JA6VQA
K0BBC
K0LUZ
K1XM
K5VWW
K8QM
N1AC
N5TW
NW7E
OH2IS
R0FA
SP1DSZ
W1LW
W1WC

287

DL6JZ
DS1JFY
EA1DLU
EI6FR
I8JIT
IZ8VYU
JI1PGO
K1LPS
K1LT
K4XR
LY1G
N5ET
N5WA
N8OC
NA5DX
RN9N
W8JRK

286

9A1AD
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IK5RUN
JA1WSK
JR8AMF
KU0A
N9BX
NE0U
PE1L
PY2VA
W1ZK
W8KEN
W9JA

WF4U
WZ8P

285

AB5EB
EA1RT
HB9DHG
JA1JAT
JI4WAO
JR7MAZ
K0BJ
K4ST
K8ME
LB2TB
NA9A
SP6A
SV2DCD
W1AO
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W8MHW
W9FI

284

A65BR
AE5E
CT1BWW
DF2GH
DL1KUR
DL6ZXG
G8DX
IZ8IEV
JA1VLK
JA6TMU
JH8GYP
K5VIP
LU8EKC
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N7QT
N9JV
N9UA
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283

AA7G
CU2AP
DL4SZB
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JK1UVP
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K6TAR
K7LV
N3KV
N4TV
N6IG
N9AW
OZ7FOC
W0RX
W2CDO
W8IQ

282

CT3MD
EA1KY
EA3GHZ
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EU1KY
JP1NWZ
K2UR
K4CM
K4ZO
K5TA
K6PJ
K7UR
K9NR
KA8ZPE
KI5BLU
N1EN
N2LM
NN4SS
W1VT
W5DAW
WA3F

281

AA3I
DL8OH
I5CRL
JG1OGM
JH1IED
JH1RGG
JN7DOS
K4CMS
K8AJS
K9ALP
K9HQM
LA7GIA
N0RN
W8WEJ
WE9V

280

4X6ZK
AA8R
EW1BA
JA0LFV
JA2FGL

JE6TSP
K0CS
K4FJ
K8ROX
K9GWH
K9OW
N3QE
W2GW
W2XI
W7HPW
W9BEA
YO3CD
ZS6WB

279

AC9EM
AI6Z
EA8AXT
IZ8FDH
JA8FFM
JE2RDO
JJ6DGP
JR1WCT
K3ANS
K6YR
K8BL
K9YC
KM4H
LA0FA
N2FY
N6MZ
W4VIC
WD4LBR

278

DL1HRN
DL6CNG
JE2UFF
K9OR
KA8SYV
KT1V
LA5YJ
N7BT
NX1L
RA5BM
VE3CFK
W4FQT
W5GZ
W8RLS
WC1M

277

A65CA
DL6UAA
G0EHO
GM3YOR
JA0NZR

JA2BL
JA2KSP
JA5JUG
JA9IFF
JH4ADK
KQ4AV
KX2A
KY6R
N0KV
ND6G
OZ8RO
PY2IQ
W2OIB
W4BQF
W5GAI
WA4LOX
WM0X

276

AB5A
HI3T
I0JBL
IZ8GGF
JA8EKU
JH1IAQ
K4MS
K4OY
KG2KJ
RX4HW
SM4BZH
UA0FO
WD9DZV
XE1RBV
ZL3JT

275

DF7EE
EA1AF
EU1U
IK3SWB
IV3GOW
IZ5RVG
JA8DSO
K3OX
N1ZZ
NN4R
ON4ANN
PY2WC
VU2PTT

274

AE0P
IV3VBM
IW1QN
JA2KSI
JA9GPG
JE1GWO

JK3BLD
K3FRK
KG9Z
KI0KB
LX1KC
N2WLG
N4HB
N6MB
RT5A
W0GG
W0SR
W5ZO
W8UV
W9SZ
WA3AFS

273

AA4DO
AB5C
BH4QYX
DJ9ON
EA8RR
IK4HPU
IV3TMM
JA2NDQ
JA6OXT
JF6DSZ
JH1BNC
K3GT
K5FZ
K6ZZ
K9SM
KA4RRU
N4LR
NE8P
OE2SCM
PA3CSR
PY6HD
RW4CY
SM3LGO
SM7IUN
W1OPD
W2JLK
W3BJ
WF2S

272

7K1PTT
HI3Y
HL2CFY
IZ5EKV
JL2JVX
K1JIU
K1KO
KA6BIM
KQ4EE
N9ISN

PA0ZH
PC3T
W2CG

271

DL9FCY
EI2GLB
HB9BAT
HL3GOB
IK2SGB
JA2NNF
JE1DXC
JE1PHH
K1ZN
K2FW
K5PI
K6KR
K7UT
PY2DS
S57AT
SP5ES
UT3UZ
UX5UO
W1TO
W2OR
W9YE
WW3S

270

EA3CJ
G3NDC
G3SVD
JA8DRK
JA8XQI
JH1DGQ
JH1SBE
JR3MTO
K0MD
K1KA
K3MSB
K3SEW
KR6C
N4PY
OH1ZK
SM4CTI
VK3BDX
W6DR
W8IW
XE2X

269

AG5W
CT1EAV
DK7YY
DL3IAC
EW1KP
GM0AXY

HB9BMY
IZ5MOQ
JE3EDJ
JH0NOS
K2AX
K4JAF
N0ABA
SM3DXC
VE3EK
W4WJ

268

DS3HWS
IK5CBE
JA4XH
JH4GJR
JL2PQV
K2QMF
N6IE
N6RK
N7TR
VE3ZZ
W5QM
WA1YTW
XE1H
YB1UUN
ZL3NB

267

AC4TO
EA8BYR
G4XRV
HL4CJG
JA1CZI
JA5BGA
JA7GAP
JA8ZO
JF0JYR
JF1LZQ
K1KI
K1SM
N8SNM
S55DX
W6AEA
WA2UKA
WW2DX
YL2KF
YL2TW

266

AA4EA
EW3CW
F5PBM
HL2IFR
IT9BLB
JH0RVY
JM1GHT

| | | | | |
|------------|------------|------------|------------|------------|
| JN3RBE | W900 | EC5A | IK0AGU | N40A |
| K1UU | | EW1P | IK2ANI | OE2GEN |
| K3PU | 263 | JH4CBM | JA1FJJ | PZ5RA |
| N3KS | BH4IGO | JM1LPN | JH6PFY | W1SSN |
| N3OC | CT1FCX | K2BA | K4VIG | W2KA |
| SV9COL | DS4AOW | K3GGN | KB2FCV | W3MR |
| VE7DX | HB9BUN | K9TF | N2DPF | W4UCK |
| W0YK | HL2KV | KF7PG | N3ND | WB7B |
| W2LE | JA1DDZ | LU6ETB | NR4M | |
| W5PF | JA7GYP | N5BO | UR5FEO | 255 |
| WA5IPS | JH1APK | N5ZC | VE3YF | DL3KZA |
| XE1J | JH1BAM | ND5S | W0LS | EC1A |
| YO4DW | K1GE | RT0F | W9MO | IZ6ERS |
| ZL1BYZ | K3XA | SM5AOG | WB8CQV | JA1MOH |
| ZS1A | K4JC | SV1GYG | | JA1SKE |
| | K9GA | | 257 | JA6WIF |
| 265 | KL0S | 260 | EA1JO | JI2EMF |
| 4O3A | NA9RB | AC6DX | I0MWI | K1NJ |
| DJ5IO | NZ3O | EA5RD | IK0EFR | K2AT |
| EA5OX | SM5FWW | JA4VLK | IZ7AUH | K2IXQ |
| IK2PZC | SP6JIU | K1IT | JA1BNW | KP3R |
| IZ4MJP | SV2DGH | K4EA | JA1OND | LU2CC |
| IZ5BAM | W3ABT | K5UZ | JA6CBG | N9XX |
| JA5NPV | W4RFZ | K7LFY | JH9AUB | W7KCN |
| JF1LMB | W4TNX | KK1W | JK1UNZ | W7WZ |
| JR3UIC | W6KK | LA7WCA | K0TT | W8UQ |
| K6EME | WA4AFE | NT2A | K2RU | WS5W |
| LA6UL | WB8K | ON6AA | K3SV | ZL4TT |
| N2WB | | RU1AB | K4MM | |
| NA5Q | 262 | SM3PHM | KM1C | 254 |
| PY2RO | CT1DKS | VE7UF | KS4S | CT1BWU |
| SM4OLL | E70T | W4SK | N5UW | DL5XL |
| SV1GRE | EA7SG | W4YV | NI5F | IZ0CBB |
| SV1IW | JE7RJS | W6RKC | PY1OL | JH8NBJ |
| W0TM | JH1ACA | YB0COU | UA3O | K6LRN |
| W4GIW | JH3HTD | YO2DFA | W0FS | K6UM |
| ZS1J | JI1NJC | | W2YE | K7FL |
| | K4LRX | 259 | W4MAY | K9RR |
| 264 | KA1ERL | HB9JOE | W7ZJ | KX4TT |
| CT3KN | KQ1F | HK1X | W8FIB | NF1G |
| DL1SDH | KR2Q | HL3DE | WB2GAI | W4MA |
| E21EIC | KU4XO | IZ3ETU | YO2CMI | WA1PMA |
| JE8TGI | N6ZN | JA3EOP | | XE1VIC |
| K5FNQ | ND0F | JA3RQ | 256 | YB2TX |
| K7JH | SM5CZK | K0KG | F9XL | |
| KD2T | VE3CRG | K8OM | HL2EIZ | 253 |
| KE4UW | W2EJG | K8QKY | I1BWI | CT3HF |
| KF6HI | W9YSX | N4PYI | JA2IYJ | F6DBX |
| N4UOZ | WA1S | NF4A | JA4VUQ | I5OYY |
| N6PEQ | | PA7TWO | JA8UIV | JH1WJR |
| NA2U | 261 | PY2FN | K0GD | JH7BKN |
| ON4CAS | AA4VV | SM7GIB | K0GY | K3PP |
| UA1ACG | AB0CT | W3RJW | K7VV | K4WM |
| UN3GX | CT1FPQ | | K9ZM | K8RRT |
| W2FV | DF5AU | 258 | KA0CDN | KE1F |
| W4RDX | DL8PG | EI9FBB | KM6HB | KE3D |
| W8BBQ | DM1TT | HK4L | KW4V | KE9I |

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|------------|------------|------------|------------|------------|
| LU8ADX | WA6JA | JL1OEC | HI8RD | K6UNE |
| N4NW | WB4YDL | JR5JAQ | IK2RZP | K7ZBV |
| N7WO | | N2AJ | IK4MSV | KD8BZY |
| N8AYY | 250 | N4ONI | JA2OLJ | KK6T |
| OZ7OP | CX2CB | NJ3K | JH1QAX | N7UN |
| R9MJ | CX2CC | UA0SC | K2EK | OH3OJ |
| RA3QUA | JA0GCI | VE3UTT | K3GW | OM7CA |
| SM6AOU | JA3CMD | VE7SZ | KI4GE | W1OP |
| VK5GR | JA3NHL | W6OUL | KI4WCQ | W6MVW |
| W5GA | JA7SFD | W7IV | LA2XPA | W7AH |
| W6TK | JA8EOT | WO3Z | LA8HGA | WA8JBG |
| W6YOO | JH1JNR | WY6N | M0CSD | WB2WPM |
| W8KA | K4YYL | | N7WS | WD0DAN |
| WA5LFD | K5TN | 247 | N9KW | WF4G |
| WA5POK | N2RR | DJ1TO | NA4EA | ZP5JCY |
| ZL4AS | N4JT | JA0CIU | ND8L | |
| | N6MA | JA3BXF | SP6Eiy | 242 |
| 252 | N7KO | JE1VTZ | UA1CEI | AA4MM |
| AA4NC | OH1JP | JJ2KDZ | W0QQ | IK8GJR |
| E73W | ON5UE | JL3JTD | W1EQ | JA6COW |
| HK3MCM | OZ2RH | K2HAT | W3OOU | JA7HRM |
| I0OSI | PP1CZ | K8DV | W9BP | JF2OZH |
| IK4IYC | SM2DMU | K9UQN | WP3R | JO4CFV |
| JA2QXP | SV9AHZ | KB7V | | K1AJ |
| JA5PUL | W0IZ | N2RJ | 244 | K4WZ |
| JK1TCV | W1UE | NJ6D | GW3SFC | LU2BA |
| JT1CO | W2WC | OH8NW | JA1MZL | N4HID |
| K1BZ | W3MF | ON5TW | JA7VEI | N6QI |
| K1ZE | W5JAY | OZ1IKY | JH2TPI | NA2AA |
| K7KB | W9EWZ | SM7BHH | K0QQ | TI5KD |
| KH2L | WS1L | W3FI | K0RW | W4GE |
| KK4OW | | WC3W | K2SGH | WB2GOK |
| LB5WB | 249 | | K3EA | WO6R |
| N4RF | 6K5YIA | 246 | K4MX | WO9S |
| NU1O | DL7UPN | AB2E | KD8RQE | |
| RA3BL | G3WW | AF2C | N6PSE | 241 |
| RD3BD | IK2DZN | DK4TP | N6WT | JF1CZQ |
| W0SZ | JA4HAW | EA2AFV | OZ0J | JH1AQN |
| WQ5R | JA6GIJ | EU1M | SM0DSF | J11CQA |
| | JH1ERJ | I8LWL | W1RR | K1XV |
| 251 | K0OK | IK1UGX | W4PG | KB1W |
| EA6EE | KT1J | IW0HOU | W5WP | LA6OP |
| FG5FR | N6NU | JA1PTJ | W7IGE | N0AH |
| HB9DVZ | TA1CM | JA1SHE | W8PC | N9JR |
| K1TO | UW7UA | K4WNW | WA0SXV | NJ0U |
| K5GH | VE1JBC | N1GC | | UT7KF |
| KK4OK | W5RF | VE6AX | 243 | W1PR |
| N2SU | W6RFF | W9MJ | AC6T | W2YR |
| N6PAT | W8OP | WN6K | BA7IO | WW1N |
| SM5CBM | W9GXR | WV6E | EB3CW | YO3AIS |
| VU2CPL | | XE1MEX | HB9DOT | |
| W1NA | 248 | | JA1OVF | 240 |
| W1OK | AC6BW | 245 | JA3QOS | 7M4CLF |
| W2TB | DK3UA | DJ3GW | JE3GUG | HB9BOI |
| W7/DL1UF | HB9DDM | F3AT | JT1BV | JA3MHA |
| W9JJB | IK3DVY | F5JSD | K1RV | JA4DHN |
| WA4CEM | JH1UBK | HB9CQK | K5NW | J11WLL |

J18PDC
K4WFM
N1JP
N6PM
N9TK
OM8FR
PA0JSE
R3DG
WA6KHK

239

9A2TN
AA3LX
DS5ACV
EA8MT
IK4FNF
JA2NQG
JH1DGJ
K0DEW
K4JPD
K6IPM
VE7VV
W1ASB
W7NN
WA4BIM
WT4Q
WY1G

238

EA5B
F2NH
HL3ERJ
I8YAV
IT9GSF
JA3WLN
JA4ZA
JP1LRT
JR1TNE
K8FZ
K8UT
K9OT
KF2DT
N4AL
N8WRL
UN3G
VE3KI

237

G3PMR
HL3AMO
JA1OVD
JA2JRG
JA8ALB
JH4RLY
JH4VDP
K1JD
K6QU

K6XN
KD1F
NG7M
OH4UI
SP7ICE
W1GQ
W2FB
W4ABW
W7CD
W8GNM
WA0RVK
WS1E

236

AC6HY
JA0LXP
JA7BEW
JG2LGM
JH0AWC
JH1APZ
JK1AJX
K0BRO
K0PA
K2CBI
K4ZMV
K8ZM
KA1J
KR0P
N2SQW
OE1EMN
SM6CLU
SM7CQY
W7QDM
W7RN
WA8MCD
WB0TVY
YB1AR
YV5LI

235

EA5DFV
EA7OH
F5NBX
HA5BSW
HB9RYZ
IZ0BVU
JA1SDV
JH1FNU
JJ1BMB
JL6USD
K0SD
K0TV
K6MKF
KU4BP
N1MD
RA3CO
SM0XBI

SV2BXA
VE3UZ
WA4DOU
WD9Q
ZL3TE
ZS2EZ

234

EA3EQT
JA7EPO
JE2EBT
JE4CIL
J11GYC
JP7FSO
KT2C
NY2NY
OE6CLD
OZ4VW
RN3CT
W2/CT1GIF
W9CSX
XE2D
YB2DX

233

A92BE
AA4FL
DJ7JC
IZ4DPV
IZ6CST
JA2ITK
JA4JLT
JH2PWY
K3SUI
K3XO
K5DHY
K7CMZ
LA9FFA
N1KC
N7BD
RA0BA
SM0MPV
W3FOX
W5SJ
W5THT
W6UC
YV5OIE

232

AB4GE
AD5WB
DJ5DT
DL2JIM
EA5RU
IZ4DIW
JH6JMN
JN3TRK

K5AC
NK0S
SP5APW
SP5MXZ
SV1BYI
W4KA
W7HR
WN9O
WQ8T

231

HB9FBG
IZ8MBW
JA2QCX
JJ1OKK
JR1EFG
JR4VMS
K1CA
K1PL
KE1VT
KI1U
KI4DLS
LA2GH
LA5XGA
N4IG
SM7NDX
SP6AXW
W0RXL
WA4VA

230

F5UJK
HC1BI
I2YWR
IS0AFM
IT9CVO
IZ4AIB
JA0MRW
JA0UMV
JE1BMJ
JI3CJP
K0KM
N1NY
N6MXU
N8XI
PY4AZ
W5KFT
ZL3PAH

229

AA4FU
AA6PI
AB4UF
HP2AT
IT9JPS
JA6IVR
K3NF

K3VAR
K4KGG
K4WJ
KF0LA
KN7Y
SM5ARL
W2ZI
W4HZ
W4SD
W9DX

228

G3UAS
IK5BOH/2
IW3GJF
JE1HRC
JI6IHG
JK1MZT
K0EOO
K0THN
K2CYE
K2KIB
K8NK
KF6A
KG5VK
KN6KI
N1PM
N4IQ
N7ELL
NE4A
PA7RA
PR7AB
RA9SC
SM0BYD
UA4PK
W6WA
W9GE
WA5NFC
WB2RAJ

227

9M6YBG
EA1KK
G0VXE
IU0LFQ
JA0KJE
JA1DM
LA4WJ
N3RR
OH7TV
TZ4AM
W7MEM
W8LR
W9OSI
WV2I

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|------------|------------|------------|------------|------------|
| 226 | SV8RX | XE2MX | K3MD | WW4LL |
| AA4LR | | | KD5R | |
| AB0RX | 223 | 221 | N5TU | 216 |
| AD6ZJ | AF5CC | AC5AA | N6BM | AB4SF |
| DL9GTB | AJ8B | AG1I | N6OJ | AG7N |
| EA1KP | CT1FUH | AL7TC | PA2R | DL1TRK |
| F6ECI | JA4RED | DL6UNF | R9JX | E70A |
| JA4EVN | K3WWT | IZ8EJB | W3IZ | EI2JD |
| JH8BOE | K4AMC | JH1AEP | W9IL | EI6IZ |
| K4JKB | K5LC | K2SN | WA5NOM | F1RAF |
| KJ7TEA | K7LAZ | KZ1W | WB0N | HL2ZN |
| LU2AH | KO4PY | N7MB | WC4H | IZ0CKJ |
| N0STL | N7TP | N7OJ | | JE2VLG |
| N3KR | N8GP | NA5Z | 218 | JH3FHQ |
| W1YRC | NA2P | PT7CB | 4X4MF | JH7LBE |
| W4DAO | NU1B | RD9M | AE5B | JH7LVK |
| W4LIA | SA0AQT | RD9U | DK2BI | K0KP |
| W5DNT | TI5RLI | SP5JXK | JA3HBF | K3LA |
| W8CD | W2DXE | UA4Q | JA8CJY | K7NK |
| WA9GON | W5LO | VE1OP | JH1RVQ | K8KI |
| WB7QXU | W6AER | VE6SV | JM3GXU | K9SG |
| WO5I | W9HBH | VK2GR | N4ENE | OE1ALW |
| | | VK3FM | SK0QO | W4TJE |
| | | W1OG | SV3AQR | W8HMK |
| | | W2NRA | VE2BWL | WA2USA |
| | | W5JMW | W6CUA | |
| | | WB2AA | W6DE | 215 |
| 225 | 222 | 220 | W7KW | AA6RE |
| AA6RR | AA9AA | EA5KA | W8NJR | DJ3AS |
| AJ4A | CT1EGW | JA1IRH | WC0W | DK3BK |
| AK1L | DS5DNO | JA1KPH | | DL2RD |
| E74A | HA5PT | K1ACL | | DL4NBE |
| IK2RPE | HL4GAV | K1DJ | 217 | DL9JI |
| IW0BYL | HL5BMX | K2RET | AA9GR | G8AJM |
| JA3FHL | IK7FPV | K3PH | AD3C | HB9IIO |
| JA3MF | JA7JPZ | K6MI | DJ0UT | JA6GPR |
| JF7RJM | JF2VAX | KA9OKH | HB9DQV | JE7BQR |
| K1RI | JH5HDA | KG4CUY | HG6IA | JH0OXS |
| N3KN | JK1VXE | N8VV | JA0KJD | JH8KFE |
| W0JM | K4RG | W1PX | JA2EJI | JR3TOE |
| W5RYA | K5CD | W4GP | K0AZ | K0DD |
| W8LMG | K5MB | W7TSQ | K0XP | K2MK |
| WB2AQC | K8CS | WQ6Q | K3FM | K5YU |
| WV4TN | KB4MRX | WT2P | K5EWJ | KK4CB |
| | KW9U | YO4AUL | K8CC | N1RK |
| | N0AMI | | KC6JAM | N3XM |
| 224 | N6GP | 219 | N0VVV | N4SC |
| AH0U | NU4I | AA0MZ | N2ZZ | SM5ENX |
| DL2RTL | RN3QO | AA4DD | NU4Y | SV2CLJ |
| DL5KUA | RX3BP | DL1QQ | RA3LAL | W0MU |
| DL6LIM | TF3SG | G3LUW | SM2HWG | W4NBS |
| JA3EY | VK6LC | G4DXW | SV1FKZ | W6TUR |
| JF2QNM | W1JA | JA1XRA | W1AW | W7IB |
| K4YJ | W4UAT | JA9XBW | W3DM | WE1P |
| K7WK | W8BI | JR3QHQ | W5PJR | WT3Q |
| K9QFR | W8JA | K0TPP | W7IU | WW8RT |
| N2FF | W9MR | | W7VY | |
| N4TOL | WA6G | | WA6URY | |
| N8NA | WB2KSK | | | |
| NG0G | WB4CTX | | | |
| NY9H | WE4S | | | |
| SP3F | | | | |

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|------------|------------|------------|------------|------------|
| 214 | OE3KLU | WC2L | WB5STU | CT1DOF |
| 6K5AQY | PY5IP | | WF5W | DF3EC |
| DK0EE | VU3WEW | 209 | WV1X | F4FLF |
| GU4YOX | W5CWQ | 7M4AOE | ZP5ALI | IK2HDF |
| HB9EFK | W6GRV | AC4VM | | JA7FWR |
| IK0XIH | W7LGG | AG1A | 206 | JA7KE |
| IK5PWN | W9ZCL | EI4CF | 4X4JU | JA8LRG |
| JA1QIW | WA0ROI | HB9DLE | DL2NOM | JE6LZN |
| JG1SWM | WB5NHL | I0LYO | EC1AIJ | JH2AQI |
| K0LU | | IK0UTM | G4XEE | JJ1KZZ |
| K8ZH | 211 | IZ5EBL | IZ5GST | JL1GYZ |
| KW4CQ | 7K3QPL | JA1IAZ | JG3KLF | JO1LVZ |
| NX2X | DM2RM | JA2KTP | JH2VVH | K1GW |
| W1KDA | HB9MFM | JH6DUL | JR4VEV | K1RH |
| W4CCS | I5GKS | K1EO | K2WJ | K5TU |
| W4HGW | IK7YZG | K1ZJA | K3WGR | KB1HY |
| W6SFK | JA4MMO | K4KAY | K8WVA | KK0M |
| W8BLA | JA7KQC | K4SX | LA5SJA | N2BT |
| WA3FRP | JA8BAR | KT8D | N4HN | PT7DX |
| | JH1CTV | NI7F | N7FF | W2RIJ |
| 213 | K1TWF | RA0R | NA4MM | W5TUF |
| HL4CCM | K1VI | VU2ABS | VA2IG | W5XU |
| IZ1JMN | K2CS | WQ7B | VU2CDP | W6HDG |
| JA0ED | K4ZNC | | WB0O | WA5UA |
| JA2MNB | KK9H | 208 | WB4GLI | WA7HQD |
| JA6JNF | KW4MM | AL7R | | |
| JA9CG | N4LV | HB0WR | 205 | 203 |
| JR2PZX | NC4RB | IK8UHA | AA7XT | CU2CE |
| JR7ILA | NO9E | JA1WTI | AA9LC | IK8VRH |
| K6BV | PY3SB | K1TKL | AI8P | JA1XPQ |
| K6BZS | W1MR | KM2E | DH0GSU | JR1CAD |
| KJ7M | W2TX | LZ2HM | DS2BGV | KN4PPD |
| KK5OQ | W3NS | N8PCN | EA2AA | N4DWK |
| KZ0X | W4UEF | N9FH | HK6K | N4QWZ |
| N2ZA | W5VU | VE7XT | IT9ODQ | N4TD |
| N3ER | W9RC | W4DN | JA0AXV | N7DED |
| PY2OP | WB3LHD | W6BK | JA6NQT | RT2O |
| SM2GCQ | WU4B | W6ZO | JE3NWQ | W5WZ |
| VK4CAG | | W7VJ | JH2AMN | WA1ZIC |
| W4CG | 210 | W8WD | K2AJY | WA9JWL |
| W6FL | DL7AA | WN7J | K3JE | YB1TJ |
| W9GG | JQ1YIW | | K3NQ | |
| WA4MIT | K4EB | 207 | K4EU | 202 |
| WB2ZAB | K4WES | DL4FDM | LB5GI | DL2QB |
| WB8YTZ | K8MN | F6KOP | LU2DSL | EI3IO |
| ZS6UT | KS0M | GM0NAI | N8RF | G4NBS |
| | N11A | JA1DCK | NA6O | HB9FBM |
| 212 | N7MQ | JA4GXS | RC2A | I8DKR |
| AB6BT | N8HRZ | JH6WDG | W0DD | IT9AAI |
| EA7DUD | NA6MG | K6IPV | W0UY | JE8IGW |
| JR3HZW | ND3L | K6ZP | W5EC | KB9DAK |
| K7NTW | NY3C | LU2JCW | W8TM | KK9T |
| K8KS | OE3HWC | M0IKW | WE2N | N3TR |
| KU8X | SV8DOU | N7HN | WR7Q | N8AGU |
| N1BZ | W1HEO | OZ1EUO | | PY2GG |
| NH6T/W4 | W6NK | UR4IOR | 204 | S59AW |
| NT5G | W6PH | WA2BOT | AA4UC | VK3NX |

| | | | | |
|------------|------------|------------|------------|------------|
| VK3TC | HL2DBP | WS1F | DL9ABM | JF2SKV |
| W1NT | I7LGM | | HP3TA | JH2AJY |
| W7BV | IK1IYU | 196 | IK2WSO | JH3PRR |
| WB3D | K6CF | AK5Q | JA9LX | K4JWA |
| YB4IR | KC5LK | HB9DRS | JH3GRO | K8GT |
| | LZ2JF | IK7YCE | JH4CPC | MU0FAL |
| 201 | N9LEO | JH1OGT | JI1MNT | N3OUC |
| AE4CW | | JR1VAY | K2TA | NV4B |
| EA4CQT | 198 | K5LY | K4OTV | UT6UA |
| IV3KCB | G3XLF | KN7K | KE3X | VE1DUN |
| JE1IBI | I1YDT | KR0O | KE4VU | VK5CE |
| JE6ADE | JA1JYE | N7JB | KF2TI | W1WEF |
| JH1ROJ | JE7BUH | N8NB | KF7NN | W3WH |
| K2OP | JI1FXS | N9NB | KF9UG | WF4W |
| K7HC | K3IE | ND4X | KM9E | |
| KB6CIO | KU2A | OE5JDL | KS4YT | 191 |
| KI3O | KV4T | UA4PT | KX5M | CU3EJ |
| KP4N | NA1DX | WW8W | N6ER | EA5HM |
| N6DHZ | NW8F | YO5OEF | N6XT | I1CMA |
| OZ5NJ | W0ZT | | NT9F | IK4TVQ |
| PT2BW | W1GF | 195 | NW8U | J68HZ |
| SM5CSS | W4CMM | CT1ESO | TF4M | JR0EQQ |
| VE1VOX | W4HOG | EA4D | W9HZ | K8EAB |
| VK3OT | W7EQ | EA4M | WD8LTM | K8RF |
| W3HKK | W7QHE | HL4CBX | XE1FAS | KE4KMG |
| W4NK | WA4QMQ | I0KRP | | N2KI |
| W7IUO | WB8BZK | JA0EVI | 193 | N5OP |
| W8MIL | | JA2ODB | 9K2BM | N6AA |
| W8SAX | 197 | JA3BG | CU3EQ | N9PGG |
| WD8PKF | AA0KA | JA4CZM | HL1XP | SP3S |
| | AA4US | JE1CTA | JH1EIG | VR2KF |
| 200 | DL4MEH | JR6GIM | JH3GFA | WX2CX |
| BV1EK | HB9JG | K4GM | JH8UQJ | |
| DK6OR | HB9PUE | K5GM | JI3BFC | 190 |
| DL7UGO | I4JED | K6JJ | K4VX | DK5RL |
| IU8HEP | JA3BKP | K6ME | KD3HN | EA5DKU |
| JA3WMS | JF1WLK | K7DSE | KF4NEF | FG4NO |
| JA6AQA | JM1JIV | K8EB | N4AOE | G4FTC |
| JJ1TKN | K4IE | K8YYY | N4KM | IV3BSF |
| JS6TWW | K5CR | N0TK | N5UE | IZ0BTV |
| K4QD | KM7R | NC2Y | SP3EPG | JA1PUK |
| K4RDU | KR4U | NX8Y | UA9MC | JA4HXF |
| K6XJ | N0PFE | R7CD | W1DYJ | JH6WMJ |
| K9JU | N0TR | SM5FQQ | W7VS | JJ2VLY |
| KM8AM | N2GZ | VE1HA | WD6T | JL1EGW |
| LB7ZG | N2RD | VE3QAA | WE9A | JR2CFD |
| N2NW | N3RW | VK3KE | WK9U | JR7GBL |
| N4MI | N4JQQ | VR2XMT | WY0V | K2HT |
| N7TM | N4XYZ | W0KCJ | YB1TQL | K4FW |
| SM5BMB | N9IO | W5DM | | K4GO |
| WM4AA | ND4V | W6DX | 192 | K7GT |
| WW1V | OD5YA | W9ZJ | AD4Z | KC4AA |
| | OE1HHB | WB1S | DJ2RB | KE8UM |
| 199 | VK1FF | WW1WW | DM5JBN | N1NU |
| DJ5IW | W3AKD | | E73D | N7MAL |
| EA4UV | W4PNY | 194 | IK2YQX | N7TW |
| G4AFJ | W5MF | 7Z1SJ | IZ0NRG | N9OY |

| | | | | |
|------------|------------|------------|------------|------------|
| NB3R | JG3RWX | G4NXG | 183 | IV3BKH |
| R0QA | JH1FVE | HB9CQL | AA9RR | JA1FUI |
| VE3YXO | JL3DGI | HK3PJ | DL3ZH | JA7ASD |
| VK2AAH | K8ZZU | IK8TPJ | JA0HC | JE6UWU |
| W4DEE | KC2SST | JA2ACI | JA0JPD | JP1SRG |
| W6WF | KF4VTT | JA7MAD | K3SW | JR2PAU |
| YO3DDZ | KH6DX | JA8RRF | K4RP | K0GEO |
| 189 | LA2IR | JJ1QUV | K7CU | KJ4UZU |
| 9A1A | NA2R | JM1VRW | K7ORK | KN4JX |
| AA8SW | NY4G | K0HD | K8AV | OE3JAG |
| AB1J | RW3SU | K1LTJ | K8SIA | OZ3SM |
| AC7ZG | SM5BEU | K4MZ | K8VD | T77EB |
| CE3FZ | SM5ELV | K5ZQ | K9ZG | W0BM |
| DL5JS | SV1CQN | K6SY | KA1CRP | W0NFL |
| EA2AGV | VR2CH | K7IA | KL7KK | W5RDW |
| EA3CWK | W5UHQ | N1SZ | KL7TC | W9ROG |
| JJ1KXB | W9UM | N6NBB | KV4AA | WB9IWN |
| K0IO | WB4CW | NO0B | N0SL | 180 |
| K7WA | WC4V | W3NRJ | N8SHZ | 5T5PA |
| N4QVM | WF1H | W4UFO | OE3EPW | DL5KUT |
| N5QS | WR2G | W5WLA | PY6TS | EA1AA |
| OZ7DN | YB2TS | WA4TII | SV3RKM | HB9HBZ |
| VE3TM | ZL3RJ | WB2KSP | VE4GV | IK0WRB |
| W0FF | 186 | WC2C | W5FL | JA0ADY |
| W3SB | A71AM | WI7P | W8QZA/QRP | JH4GNE |
| W4PV | BG8PA | WK8A | WA9BZW | JH7AJD |
| WB2HJV | DG5LAC | YL2EC | WB9PNU | JR1IZM |
| WF8R | DL6DCD | YT7T | WD4IXD | K1DPB |
| 188 | DS3EXX | 184 | 182 | K1TN |
| AA6XV | JA3AVO | BA4TB | 7J1ADJ | KK0T |
| AB5GU | JM1HJG | DF3OL | AD7L | KK4XL |
| DD0VU | K0SRL | EA2AAZ | DL2VWR | NE5W |
| EA2BFM | K7VC | EA5XV | DL7JRD | NJ9C |
| I2AOX | K9GY | IV3FFI | EA3CZM | VR2XYL |
| IK2WPO | KD6WKY | IZ5FSA | I6DQE | W3CZ |
| JA1SGU | KJ6Y | JA9RT | JQ1PCX | W4AO |
| JK3GWT | LU4FW | JL7BRH | KD2SC | W4NE |
| JP1EWY | N6NT | K0CF | KE5PO | W9SE |
| K2TER | N9DR | K5RJ | LZ2ZG | XE1R |
| K4AR | PA0TCA | KF8HR | N1API | 179 |
| K5RA | SM1NJC | LX1CW | N4BAF | AA5N |
| KF7F | SM6WET | N4UFP | N6KK | DK3QM |
| KG6D | SV8LMQ | N7RD | NC7M | JA2BUR |
| KM3J | VU2OY | NE0DX | NG2V | JH2NWP |
| N1RA | W1BYH | NJ7G | PT2ADM | JR1EYB |
| N3AIU | W1ZS | UA1OM | TA1L | JR4CZM |
| OZ1HPS | W4TE | VE7TK | VA7ZT | K4AU |
| W3ATV | WA3SKQ | VU2IBI | W3KHQ | K8JE |
| W6GJB | WB1EAZ | W0MS | W3ML | K9JJR |
| WA1NXC | WB8YJF | W2PS | W8WRP | KA1API |
| WC2K | XE1YD | W3KHZ | WB1DX | KG8CW |
| WM9Q | YB1RUS | W4RS | YO3HOT | KN7D |
| 187 | 185 | W7VV | 181 | KX2S |
| IZ8DEO | DF2WF | WB8RFB | CT1ELF | KZ9DX |
| | F6HLC | | IK2DUW | N3CW |

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|------------|------------|------------|------------|------------|
| N3IQ | JE7KCI | N1YX | KF1P | W4ARK |
| N4MEC | JR0QFA | N2KW | N2MFT | W5DXQ |
| N7GCO | K0BFR | N6VH | N3AO | WB2V |
| N9RD | K3HW | NK9O | N4JRG | WB5XX |
| SV2DSJ | K4JUZ | NO2C | NF2K | WP4CQ |
| UT4UZ | K6RV | TA3J | ON6YH | ZS1C |
| VE1BN | K9QJ | W0PE | VR2MY | |
| W4AEJ | KA1DJ | W7BQ | WQ1H | 170 |
| WA6EZV | KE1B | | | AA4A |
| WV9L | KI7AO | 174 | 172 | DL4ZAB |
| YV4DYJ | KM4HQE | 7K1CPT | 8P6SH | IZ0GVZ |
| | LA9GX | AA4UJ | DL2RUG | IZ8EKL |
| 178 | N6VI | AG8L | G7SSE | JA1KRW |
| DK8IZ | PV8DX | DL2AMD | IZ7EVZ | JP1GUW |
| GU0SUP | TF2LL | EI4BZ | JA1HOM | K2WK |
| IK0WMJ | UA9AM | IK0CHU | JA2KGQ | K3PT |
| JA1SLS | VK2CA | IK4TVP | JE3BIQ | K6PT |
| JH1IZR | W2HAZ | JA1QXC | JH7WQX | K8AO |
| JK1JAS | | JA9IWR | K0LB | KA1O |
| K0MP | 176 | JF7NNI | K2RNY | KD0S |
| K0PX | A61BK | JI1SVY | K5MMH | KE8G |
| K1UA | AA8KY | K0IIR | K5TDA | N1ZJ |
| K3RWN | AF3X | K1UM | K8JP | N9JCS |
| K4VNY | CT3CD | K6LPO | KK0DX | ND9M |
| K5AX | DJ3XG | KK7YC | N4XMX | NV4A |
| K5CWR | JA2DHG | KW2J | NS4X | OZ1OXQ |
| K7GA | JA3UNA | LA2RZ | NX1P | TF5B |
| K8DJC | K0OB | LT1F | PY2ADR | VE7ACN |
| K9EXY | K1YT | N6JM | RW3QHN | W3BNN |
| KA2CYN | K7LY | N7AU | VU2DED | W7SLB |
| PY3VB | KE4BKL | ND3F | W1LY | WA4RTE |
| R7LP | KE4S | NK7Z | W3EF | WA8RCK |
| SP5ELW | KN9N | RW6MBC | W7KSK | YB3MM |
| VE2HJ | N0OK | SV1XV | W7TUS | |
| VE3FRR | N5RN | US2WU | YO3JF | 169 |
| W0ZS | N7UJJ | VU2DCC | | CT1EPJ |
| W1ENE | N8IL | W2PP | 171 | DL5SBA |
| W1KMA | NS3L | W3DQS | AA5H | DL6KY |
| W2EQ | W1PY | W4NJ | AG4Q | F5EOT |
| W4JVN | W2XX | W7FI | DL9NDV | HB9VAB |
| W4TTY | W9RXJ | WO5D | HB9GWJ | IW7DVM |
| WA3GNW | WB8IZM | WW3QB | IU8IYE | IZ0GYP |
| WA7BNG | ZP5MAL | | JA0GZZ | IZ2MHT |
| WI2E | | 173 | JM1JZN | JA3MIO |
| WN9Q | 175 | A71EM | K2DC | JH8MZF |
| XE1L | AG3V | AA0BH | K4QE | K0MS |
| | AK5X | DL2SWN | K5ER | K2CDJ |
| 177 | CT7ANG | DS4BHW | KB9S | K4KAL |
| 9AY2K | EA7LL | F1ICS | KP3X | KB4FB |
| AA7FL | GM4KHE | I7PXV | N6EM | KB5HC |
| ER0FEO | HL4XM | IV3AVQ | N9JF | KK8MM |
| EW4A | IK8OZV | JA0PE | ND4Q | LA9XGA |
| I2YPY | JA1GVT | JH7IQQ | NK5B | N2KX |
| IK8TEM | JA6PNA | JL3RNZ | OT1A | N4LUF |
| JA1OQJ | K8TS | K7RAN | OZ1ACB | N7VPN |
| JA6JYM | K8WHA | KD4OS | VK2HV | NE6V |
| JA7BT | KM5VI | KE5FXE | VK7ZE | NU1T |

NZ7Q
OH3FVP
PA2TMS
SM0NUE
W1FA
WZ9B
XE1ILI
ZL1ANH

168

AA3TH
AC4BT
DL1EFD
EI8GS
HB9DVO
IZ0GKB
JA1EMQ
JA3BLN
K0ABC
K5ALQ
KC4HN
KK9M
KL7TS
KS3L
PY2CP
RA3AOS
W1RH
W9KB
WA4USA
WB2NPY

167

AC0W
G0BBB
HL1VAU
IZ1JLG
JA4CSJ
JR1LZK
K2SD
K7VL
K8MRT
K8YE
PB9FN
UA9AGX
WT9U
ZP5FGS

166

9A5SSS
AD0K
DH3KM
DL9DRA
DS3DNT
HB9AZO
IK6COX
JA0CVC
JA1DIO

JG1WNO
JH6WHN
JJ1LID
JR0RBY
K0COM
K0FG
K3VPZ
K8ROK
KE0A
KI4TZ
KU1T
LX2SM
N8NH
N8WXQ
ND7K
VE6TL
VU2MSA
W6SIY
W6ZPL
WA0WWW
YB1AYO
ZS6IR

165

AF3K
AJ4IM
CT1BOY
EA4DEI
G1VDP
JA1BON
JA2LHG
JA4RTX
JA7QQQ
JR1FCS
JR4QZH
K4VW
K5HK
KB2S
KB7AK
KU9S
LA4C
N5PA
N6TR
NI4Y
SP5LKJ
VE3GFN
W4MPY
W4RQ
W8HB
W9LCQ
W9LQI
W9WO
WA3WZR
WX0Z
ZS5LEE

164

AI2S
CT3DZ
DF7GG
EA7LS
HK3CW
HK6P
IK6CGO
IK7JTF
JH1FRW
K4CGY
K5AUP
K5MT
K9XR
KI6MQX
KJ4FZ
KM5G
N0HJZ
N0ODK
N4CT
N6RC
N8TFD
NU4B
OH2LHE
S51DD
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VK3FN
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W5MJ
W6OTC
W9LU
WD8KND
WF5K
WZ6Z
YL2AP

163

AA2VG
AG6HE
AK4AO
AK9B
DJ0AH
DK3FB
E77S
EI3CTB
EI9E
JA3EEM
JE4FNC
JM7TKK
K7KJ
KB4KBS
KE9S
KO1H
LB8CA
NA9Q
NT6AA
NZ5O

OK1UU
PY4OG
VA3HP
W1JGS
W1ZZ
W3DAD
W3KHG
W7NP
W9KVR
WB4SON
XE1MW
ZS6NJ

162

AD4AA
DS1CPT
G3PSM
IZ4IRO
JE1LPZ
JH3LCU
JK1EBA
K0PC
K2RB
K4MV
K7QBO
K8GWU
KC2STA
KM2O
KR7RK
KX9X
N1BB
N6DW
NF4J
W2UB
W4PGC
WB4DNL
WF3M
ZL4QJ

161

7Z1HL
AA5B
EI8IU
G4ZOY
IZ4GOL
JA1GLE
JH8WXF
JL4BSE
K4DET
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K6ETM
K7BWC
K9IA
K9KDS
KT5V
N0IW
N4QM

N5HC
NE1RD
NX3A
OH2LU
PY5VC
VE7ON
W1FM
W4LEW
W5AP
W5JE
W6HYI
W7BJN
W8YV
WF2Y
WX2U
ZL1WG

160

AC0X
AK1P
CT1DIZ
DL6ZNG
G0MFO
JA1PVX
JA1VRY
JA3AOP
KD0AA
KE5BR
KM6KO
N1RM
N2YF
VA3IC
W0IKD
W4CC
W5BK
W6NT
WD5BJT

159

9H1AE
AA7X
EI7JZ
EW7BR
G4CWD
HB9AGO
IK2GOQ
JA1PLT
JA7FAS
JA7JAA
JH1LZU
JH1XFR
K0IL
K0ZT
K2JK
K3IZ
K5VR
K6CJ

| | | | | |
|------------|------------|------------|------------|------------|
| KI2D | JE2RBK | W0ANZ | NN5E | CU3AN |
| N8KU | JR1XFS | WA2ALY | NR0T | DK3TL |
| NA4CW | K3AR | ZL2DD | PV8ABC | EI1DG |
| NC4RY | K3DFL | 155 | R2ARR | F5AQB |
| NF7D | K3SX | 9M8DEN | VE3DUS | IK8DUI |
| NK5Z | K4GZ | AI6O | VU2LBW | JA1BDF |
| PA5X | K4LQ | DL1EV | VU3NXI | JA1ITJ |
| SP1NEN | K6WSC | EA1P | W7XE | JJ1JMZ |
| TG9AJR | K8KT | F6FYD | WA4MME | K0SQ |
| W7PC | KJ6ZH | HA3OU | WA7HR | K4MIJ |
| W8FAX | KQ5M | HK3J | WB4PWZ | K5EWS |
| XE1V | KR4BD | JH1HRJ | YB2IQ | K6LD |
| 158 | N6VNI | K0HIP | 153 | N4ANV |
| AA3AZ | NN6K | K0YL | 9A3LYL | N5OHL |
| AB0S | NQ7M | K4LW | AC0B | N7KDT |
| EA5LV | PF7M | K7QA | DD0VE | NC1M |
| G3MPB | SM2EJE | K7UPJ | DL3ANK | SV3KH |
| G3VAO | SM5BNK | KC4LZN | DL5ZB | TF3VS |
| HL2ADO | SQ7FPH | KD4SN | EI3ISB | VA2LC |
| JH0AKV | VE7VF | KF2OG | F4CPF | VE7NY |
| JH1VHU | VK6OZ | KJ4YLO | JA3KKE | VK3MB |
| K0GW | W1GY | KS4XQ | JA6BF | W0QC |
| K2CYS | W3BYX | KX6C | JE3FOR | W3DIY |
| K3CWF | W6IA | NC6RJ | JE4WOK | W5AAJ |
| K4MIH | W6JZ | NE5S | JR1ATQ | W8DN |
| K5YE | WB3BFC | NW7US | K1QN | W8JY |
| KB2XJ | XE1EE | PY2LSM | K3OK | W8VK |
| KB5UNX | XE1ZW | TA1PB | K3UW | WA2MZX |
| KC1ERO | YB0NFL | V51YJ | K4AFE | WD9FLI |
| KD4W | 156 | VA7XX | K4DSE | XE2B |
| LZ1MDU | 7N1GMK | W2FDM | K4HX | YB4CHP |
| N0ATQ | AA3K | W7GSV | K4KCS | YC6JRT |
| N4ST | AI4WW | WB7BBQ | K6ASK | 151 |
| N6NG | HA8UT | XE2YWH | KD4POJ | DJ4HR |
| NW4M | IK0XKP | 154 | KM4NS | DL2XN |
| W0QD | IW3IE | AC6DD | LA4RT | EA4EJP |
| W2HUV | IZ1JLN | AE9DX | N1DM | I3DUB |
| W3UTD | JJ1IRS | AJ8MH | N5BA | JA7EU |
| W4HY | JN3XEZ | CT1AUO | N6FS | JF1MTV |
| W5WI | K2QB | EA6AZ | N7YQ | JR1QLM |
| W6VIO | K2WR | EI6JK | ND1T | JR3ADB |
| W7FP | K4IU | G4FKA | NT5O | K4DB |
| WA1EHK | K6NS | JM1ESG | NY7T | K7UW |
| WA8A | K6UT | K2ZZ | PY2RN | K9ARZ |
| WA8Y | K6UXO | K3GO | SO5AS | K9BQL |
| WB6JXJ | KE1IU | K7PT | W1RG | K9NX |
| WM5H | KR8T | K9UWY | W4YCH | KB8KIM |
| WY7FD | LU1FM | KD6JP | W7LEA | N1DC |
| ZS2Y | N4MIK | KE5MMT | W8VVG | N4WOT |
| 157 | N6IBP | KL7QW | W9QO | N6RVI |
| AC9O | N7ZA | KZ5DX | WI7N | NJ4V |
| HK7MQC | N8JK | LA7EIA | WV1R | NQ4A |
| IT9YOZ | NM1G | M0VCB | ZS1EL | NR5R |
| JA1EMK | OZ6PI | N2XQM | 152 | US3QQ |
| JA7XRO | R7NA | NK7C | 7N2JZT | W1DXH |
| | VR2PX | | | W1XV |

| | | | | |
|------------|------------|------------|------------|------------|
| W2NY | K8PTT | WK7E | LA9KY | DS2GOO |
| W7UV | K9BO | WV4V | N0LD | EA3GCT |
| W7VAS | KC4D | WY7M | N9DJ | EA8TK |
| WA2IKL | KI5GD | YB0MZI | NO3U | EI8JX |
| WA4NUF | KK4QN | ZS4JAN | OZ9U | HB9CA |
| WB2BIN | M0RTP | | RM4C | JA1BJI |
| WK1Q | N0TA | 147 | UR5EIT | JA1MOD |
| WQ5G | N4PF | 7L4VYK | UX4UM | JA1TD |
| WW5L | N6VS | AA5SH | VE7VZ | JI5RPT |
| WY4I | NL8F | AB5RM | VU2AE | JN4FNZ |
| 150 | ON6LY | AB6CF | W2JAN | JR1AHH |
| AC9X | OZ7BQ | AD4XV | W3ACO | K4RM |
| DS4DRE | SM5FNU | AD7XG | W4DSM | K5ZO |
| EC7B | VU2NXM | DK3PZ | W7VP | K8SM |
| F4GVO | VU2OT | EA3LX | W8LQ | K9LCR |
| G3VQO | W1ECS | G4VWI | W9LYN | KE9UA |
| IK8IPL | W4DFU | IZ0FYW | WA5VSK | KF6I |
| JA7PKV | W4PGM | JA1CC | WN6M | N1XL |
| JH3FCF | W5PD | JA5XPD | YE1AR | N2MN |
| K0FD | WA3IIA | K0JJR | ZS2ACP | N2YBB |
| K4VAC | WA8LOW | K0SX | | N7NH |
| K5FXB | WD1M | K5HX | 145 | NN4K |
| K6EV | WS4H | K7PO | 4S6RYD | NN7X |
| K8CMO | WW0E | K9UO | AA4ZK | NY2E |
| KC9WPS | YO3GJC | KB5GA | AD0TR | OH3PYY |
| KE2M | 148 | KE6V | DL5MX | ON6NG |
| KE3ZT | AC2G | KL7XO | G3VXJ | PP5BK |
| KM2T | AD5MD | NA7RH | I0PNJ | PT2CSM |
| KO6UW | AE4VJ | NW6V | IZ8EYN | VO1AU |
| N3PS | DL6ZBN | NX4TT | JA5OP | W3HQU |
| N5YY | DL6ZBN | W0JMP | JE1TNL | W4BH |
| NS7K | E29TGW | W0YDB | JR4LZX | W4DWS |
| SM6MSG | EA3HDZ | W2HTX | K0HB | ZP6VT |
| UN7BY | IZ6GSP | W2RDS | K0SN | 143 |
| VE3YV | JA7FVA | W3MRL | K1EDG | AA6PG |
| W0UVC | JH3SIF | WA2VQV | K1ETA | GM1BSG |
| W1DAR | K8KY | WB6BFG | K1KP | IK2RGT |
| W3EP | KM4A | WB9VGO | K8FB | JA1UOA |
| W4CZ | KM4VI | WG0G | KI0I | JA9APM |
| W4SKW | KU4V | WK1J | LA5HPA | JF6AKS |
| W5GCX | KW4J | WX3P | N2PL | JN1MKU |
| W7HUY | LB8OH | 146 | N8AID | K1QQ |
| WA3GFM | LU1HLH | 7J1ABD | NC8I | K8ZT/QRP |
| WO6T | N2IEN | EA5BZS | OE9DGV | KF0RQ |
| XE1ACA | N3HYB | EA5GXI | SM6OEF | KF8PD |
| 149 | NI8Z | G4WGE | SP5UFK | KK4CLY |
| F8DZY | OE8XBH | HB9TQL | SP7ASZ | KW3F |
| GW0ANA | SM6MCW | HL1MKT | W2GHD | N0YO |
| IW5EIJ | W0FG | IK8PGE | WA6TQT | N4TKF |
| JA0NPQ | W0VM | JA6ENL | WA9DU | N5TF |
| JA2CPD | W1CDC | JE2KSM | WJ1B | N9VD |
| JK7LXU | W2PSU | JH1LMQ | ZS1DX | NC6K |
| K1XE | W4DVG | JI1DMH | 144 | PG2AA |
| K4SAF | W4WNT | JK1DDG | AA5NT | SM5ATV |
| K5VG | W7YED | JK2VOC | AE4M | UU1JA |
| | W8WFN | KB8NTY | DL3BUE | W4MOT |
| | WA3GM | | | |

W6IS
W7BC
WB3AVD
WB5TOI
ZP6CC

142

4F3BZ
AH7G
F6FNA
HA8UB
I5FLN
IU8LMC
JA1CPU
JA5ALE
JE5WJM
JR1HYA
K1KOB
K3SUK
K7NW
K7SX
KA1WIF
N5OGP
N7ZT
N8PE
N9AKR
ON4AGX
ON7BJ
VA3VF
W1ER
W7OLY
WA8LRW
WB8TRW
YB0EIN

141

9J2BS
9K2HM
AB4FH
AC8L
CX1FK
DL0CS
EA1WH
F4WDL
HC1HC
HL1OYF
IK1RLI
IV3NVB
JA1SZN
JA1VRU
JA6AVT
JI1CYX
K0HQW
K0SW
K1ROA
K2ZD
K5PE

K5RKS
K8OS
K9AAN
K9DUR
KF8VX
KG4JSZ
KH6XT
KM8V
KR0I
LA8PDA
N1TA
N4FN
N9BVA
N9QQK
NC7B
NZ2L
OZ9GA
PY2BBQ
PY2YW
SM0NZZ
SM5CCT
W2KP
W4OWY
W5SUM
W8WTS
WB8EKG
WD8MGQ
WN0L

140

6K2ILX
AA7UN
AA9WO
DK2GP
EA2RY
EA5AR
FM5DN
IV3EHH
IZ0FUW
JA0DBQ
JA0DMV
JA1IHD
JA3GAK
JL2ULM
K3DQB
K7FEL
K8RMC
K8TVD
KB4CRT
KS0Y
KY0Q
LA1J
LU3XX
N4PHH
N4UW
N5WNG
N9AX

NY1V
SP7QHR
VU2MB
W1MRH
W2CS
W2RD
W5HMK
XE1RP
YU1LD

139

AA1IF
AA4MD
DF1JM
DL6NW
DS4CNB
EA4OR
G8BCG
JA3ARM
JA6CDA
JF1KIG
K2TG
K8BB
KK4MA
KQ5S
KV1M
N2PK
NK6O
RA3SD
VE3MIS
W2FS
W5IO
W6DCK
W6GEE
W6JK
WA2DHS
ZL2AO

138

AA9XA
AC4UR
DL3DUE
DL7BO
FM5FJ
HB9HVG
I5XFD
JA1PS
JA4FKO
JA6MWF
JE3OUW
JE8KGH
JF3AHI
JG2NXV
K0QB
K2IE
KB0V
KD9ZR

KE7LU
N0IRM
N1KM
N1WON
N5JC
N7NW
NA5S
OV5O
PS8ACL
W4GV
W4UT
W5UQ
W5XG
W5ZE
W6QO
W8UMA
W9BB
W9GFB
W9KM
WA3YZD
WB5ZAM
WB9MSM
WD1X
WI4R
YB9AY

137

A92IO
AA2T
AF6O
EI9FVB
F5LIW
G4AYU
IS0EBO
IS0MVE
JA1VYW
JA3VUI
JE4MHL
JO1MOS
K0YY
K2KNB
K4TOR
K6EGF
K6EGW
K6OJ
K7YMG
K7YZO
KC2NJ
KI0KN
KT4J
KY5I
N1GFV
N9AOL
NS4F
PY8WW
RL3BZ
SP5ZCC

SV1EJD
VA3NXM
VK4BUI
VU3CAU
W1ARY
W4IDX
W5HY
W5OV

136

AD1S
AD4DD
AF8C
AI1W
CE1AT
CT1HHP
CT3KY
DF8FT
DL8XDA
EA1AZ
HB9HFM
IK2HKN
IZ2ZPH
JA1JYS
JA5BZL
JF1KML
JH1OVY
JL1MWI
JN1NOP
K4FK
K4NTO
K7DD
KI7M
N3GTG
N4PAJ
N4WD
N5WD
NG4C
OK2FB
PY8AJD
SP9NLK
VE3NJK
W3KN
W4AU
W4GHW
W4TUN
W4WN
WA0GOZ
WE9M

135

7N4OBV
AA9F
DF2UA
F4DSE
G4UZG
G4YCS

| | | | | |
|------------|------------|------------|------------|------------|
| JA1ERB | W1GS | F6ACC | K5SES | YD9UW |
| JA1TNL | W3WN | G0THF | K8MVZ | 129 |
| JA7WKG | W4EB | HB9ZS | KE4YOG | CT1ETE |
| K0XM | W5WS | HC1HN | KI5GF | DS5BRE |
| K3IXD | WA3PBL | IK1PKH | KK5J | F5ELL |
| K4HYJ | WB6MBF | IZ5YHD | KX7L | G6NHU |
| K6JBH | XE1SAX | JA5PDS | N2KOF | IT9IPQ |
| K6RI | YB1BML | JA7DPC | N3PV | IW4EII |
| K7AWB | | JE3PCP | NN6CH | JA3UOQ |
| K7CTV | 133 | JH0LME | OH1TSM | JE7OEC |
| KX2B | 4X1EL | JH2ABL | SM5NAS | JI1VVB |
| LA5EKA | AA7AV | JM1GYQ | SM7DXQ | K3HPA |
| M0HIH | AD4YM | JM3XZC | VR2CO | K4HEB |
| N1UZ | DS4NPL | K7DS | W3WST | K4TXJ |
| N4KEB | DU1IVT | K8WDN | W4ASE | K4VUD |
| NA8W | F4HZZ | KB0EL | W6EJJ | K6HMS |
| NM4Q | F5ZO | KC5LT | W9YK | K7HPH |
| ON6KE | G0FWX | KD2JA | YY4DNN | KA4H |
| OZ9XU | JA1GFD | KJ6YK | | KB9AIT |
| RW4NJ | JE7RJZ | KK4HD | 130 | KH6AT |
| SM0PSO | JQ3TAN | KS9R | AA0FT | KR4Q |
| VE6KY | K1JE | N4GOA | AB4KJ | KR9A |
| W3TC | K4ODL | N5RA | DK9WZ | LP1H |
| W7JET | KM1H | N7JKF | EI5KO | M0IFT |
| W8QWI | KP4DKE | NW2I | F5VML | MW2I |
| W9GIG | KT0F | TA1AL | G0MMI | N3COB |
| WA2AOG | LA7QI | W0MA | G0UII | N3TG |
| WA4YYM | LB2TG | W3JXP | G4DDL | N4WMB |
| WX4TM | N2YU | W4KCM | HA0DD | N5SJ |
| WY0A | N5GE | W4UDH | HL5NBM | PA3DRZ |
| YL7X | NN5O | W5FPT | IW7DMH | RY6M |
| ZL3RIK | NR0Q | W6FI | JA1KZP | W6BBS |
| | NU0Q | W7JWM | JH0WYT | W6FUV |
| 134 | PR7AR | WB2P | JN1RFY | W6IHA |
| AC8TO | PY2FUL | WB5KSD | JN6CYC | W7EYE |
| DL8DWL | SM6NJK | WN1M | JS6SCC | W8PE |
| EI7GY | TF3DT | WS7W | K7ON | W9FY |
| HB9BEM | V31MD | WT5L | K8POM | WR2V |
| IK5ZAJ | VE2YG | XE1NW | K9QA | WY2E |
| IK6BOB | VU2IT | | KB1DMX | XE2W |
| JE0EHE | W0QL | 131 | KF5WCP | |
| JG3KMT | W1MJB | 9H1EJ | KM4FI | 128 |
| JJ1BDX | W2PD | AB8M | KT5X | 7L2QAD |
| K0YA | W4AFB | AD4RE | N0OP | AG2O |
| K2GW | W4JDS | AI4QQ | N4DJ | DJ4SO |
| K4GN | WB2UFF | F5LMI | N4GBK | EI9HX |
| K8CR | WM5DX | F5NTZ | N5ZY | HB9CPS |
| KD2GC | WV2M | HB9ESS | N9OI | IK5BSC |
| KD4BPZ | WZ1Q | IZ3DBA | NE3K | IZ1JIZ |
| KE3VV | YO8PS | IZ4COT | NI1L | JE1WZB |
| KI6PG | | JA4DLF | OR4K | JE8LWZ |
| KO4PRE | 132 | JA9EEH | RG7F | JH6CDI |
| KP4AZ | AK3E | JH8LEY | TF8GX | JR6LDE |
| N4LSJ | DL1ZBO | JO3WHB | W9MAK | JS6QOM |
| SM7GXR | DL9BM | K2UT | WK5X | K0UBR |
| SV3EXP | DM3CW | K3UC | YB0AI | K2MHE |
| VE3FAC | EC1AE | K4YKZ | YB0WWL | |

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|------------|------------|------------|------------|------------|
| K5NV | R3BB | VE7IU | TI2MCL | F6DHI |
| KB1AWM | S57NML | VU2SWS | VA1SEA | G0HSA |
| KC6ZBE | SM2YIP | W0GXA | VA3XQ | HB9ECS |
| N1FOJ | UA2CZ | W3JMJ | VE3EDY | HK3PLB |
| N2SG | UA3EAY | W5KAU | VR2IL | HL9HH |
| N2YG | VK3YR | W5SG | VY2RU | I0KMJ |
| N4DJT | W3GP | W5TFV | W1NXW | IK6BMU |
| NH6T | W4DTA | W8PAT | W4SW | IZ2GNQ |
| NN2D | W4PKU | WA3UTC | W5UJ | JA2CXK |
| PY5XH | W8EOG | WA9SQH | W6EKR | JA7MF |
| TF3JB | WA3PAK | WB4KZW | W9CTJ | JE4IBA |
| VA3OKG | WA4RYW | WV8DX | WA2VKS | K2FJ |
| WA4HXC | WA5PFJ | XE1GLL | WA4TMJ | K2SFS |
| WB4KTF | WB8LEM | YB0JVZ | ZS6RJ | K3JM |
| WQ5N | WD4OHD | | | K3NO |
| WQ5O | ZP5CGL | 125 | 124 | K4BNF |
| XE2AU | 126 | 4Z1JS | AA2WN | K4HDW |
| YB1SKR | 9A5JV | 7Z1CQ | AK0A | K7STO |
| 127 | AB3TM | AB9KZ | DS3EXT | K8TLC |
| AB5YI | AJ9K | CE0ZIG | F8EZE | KS8W |
| CU7AJ | G3YFE | DK8KC | G4GZG | LA9JKA |
| DD9WG | G4GEE | DS5AAQ | IZ5BYJ | LU9OZX |
| EA8TZ | HL0C | EA3UU | JA1EYN | M0NGN |
| EI4HQ | HL1SSG | EA4DL | JA2CKK | M3DFW |
| EI6GI | IW9DNI | GI4FUE | JA5CDL | MU0GSY |
| G0UGO | IZ1UKF | GM0VIT | JA7MWC | N2DU |
| G3RZP | JA2DCN | HL4GHT | JG1JPE | N3DD |
| G3ZEM | JA8GSN | IU0ICA | JH2RMU | N3MX |
| G4SGX | JE1ARQ | JA6UDI | JJ7XTV | N9BT |
| GW4TSG | JI4HKA | JH6RTO | JK1OTP | NK2H |
| HB9HHH | JN1SUT | JL1BYZ | JR0GXA | PA3AIN |
| IK3GBG | JO1CRA | JM1GAW | K0COP | PB7Z |
| IW1PUR | JR1AHP | JR0AMD | K1FE | PV8RR |
| JA8ANQ | JR7FYD | K0HP | K6AHG | RN0C |
| JH9FCP | K2GLS | K0RX | KD1AB | SM0EUI |
| JN1BAH | K4OP | K1KZ | KF2HC | SM7PKK |
| JR4DHK | K5WDW | K2RKJ | KO8V | SP9FWQ |
| K0RAR | K8IKE | K5GDX | KR4DA | UA4HAD |
| K0TLM | KA7CVJ | K6SLO | KV7N | W1VE |
| K2DF | KB0IKW | K7NPN | N9AZZ | W4GH |
| K4ZIW | KB3KJ | K9BJM | NT4K | W5TZN |
| K5GZR | KB8DID | KA1NCN | NY2L | W6PG |
| KC3AK | KW1DX | KB7AZ | OZ1BII | W9COS |
| KD4EE | KW1X | KE7UL | PY3VK | W9MB |
| KF9AF | N1SFE | KG2V | SM7TZK | WA5KBH |
| KJ6HZ | N2MEE | KI7HO | SV4FFL | WB9WHQ |
| KK4ODQ | N3TTT | KQ6K | SV7CUD | WS7I |
| KR7X | N3YZ | LU5OM | VE3PNT | YO3IPR |
| LA9VBA | N8DE | LU8XW | W1UN | ZS2I |
| N0BK | N9RE | N0AB | W4CIR | ZS6NK |
| N2ZL | PY2BT | N1HO | W4EY | |
| N4HGZ | SP9IZV | N1JG | | 122 |
| N5PO | SV9FBK | N5CR | 123 | AA4OC |
| N5XUS | UT9LC | N6TD | AA4H | AC4XL |
| N6DVR | V31JP | OZ2TF | DJ4JZ | AD4YQ |
| N9IXD | VE3KKB | RV6ARZ | DS5JMG | C31MF |
| | | TF3T | EW4C | CU2AF |

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|------------|------------|------------|------------|------------|
| IK2BBU | KC7CS | TA1HZ | 118 | K0MFI |
| JA0BES | KI0HA | Ti2OHL | 5P5Q | K0ZM |
| JE2VYM | KL1V | UA1TGG | AG5CN | K2YEH |
| JH0NBN | KR7D | VK2DAG | DG1SGW | K7JI |
| JH9BZY | N1KEZ | VU3DJQ | DL5ZG | K9CQ |
| JJ1HLL | N4KZ | W5GML | F5RZJ | K9IO |
| K0FTC | NE7I | W8ZR | HB9CXK | KC1XX |
| K0NV | NR3Y | WQ5T | IS0/YO3RA | KE4DH |
| K1CN | PB7XYL | WZ4RC | IZ1QLT | KF5BA |
| K1GND | PP7LL | YB0MWM | JA0BMS | KG6WIK |
| K1PU | PV8AAS | YB6HAI | JA4DNC | KX4I |
| K2EN | PY2AB | | JA9IPF | M0AQM |
| K3EE | R6AZ | 119 | JH3AEF | N1BOB |
| K5RQ | SM4AMJ | AA4XR | JR1RCQ | N2TC |
| K8LBT | VE7YY | DL4IW | K2KJ | NJ4Z |
| K8LE | W5MZX | DM3FZN | K4KSV | NQ2O |
| K9AQ | W7AM | EA3DNC | K9CHP | OK1IVU |
| KB2RA | WD3P | EA5CZ | K9KJ | OM4KW |
| KI5FJ | WY9V | EI4DQ | KA5IAU | OZ6EI |
| KP4P | YB0AZ | F5UL | KB9LIE | OZ6TL |
| KR1B | YO5QAW | GM0SCA | KN4OK | RV3GW |
| KU4A | ZL2LW | I0SSW | KP4RAT | TA1CQ |
| KZ1A | | IK2ULM | N4HUF | UR4CW |
| KZ1X | 120 | IZ1UKG | N5QQ | UX3IO |
| LX2PA | 4Z5BZ | JA0HXV | N8KOJ | UX5HY |
| N2EI | 6K5XZE | JA5EEU | NB1U | VA3UU |
| N7WI | AA4NG | JA9WMS | NF6S | VE9RJ |
| N8IK | AB2NI | JE1COB | NG9J | W2ZK |
| RA6XV | DL2DCX | JF2PZH | NP3O | W4DCY |
| SM0BSO | EI2II | JG3SUQ | NZ4DX | W4GKR |
| SP5AMN | G0KHO | JH2WDT | PA2SWL | W4OGG |
| VE3MSK | HI3I | JS1MRA | PY8JA | W6QL |
| VR2CC | IU1MQC | K2JLD | RM6LW | W7IIT |
| W4CU | JA5MOO | K5LA | UN7ZO | WA5YOM |
| W4DRK | JA6XXF | K8CCV | VO1LM | WA8COB |
| W4GKM | J11JMK | KB4FXE | W6CN | WB2MKX |
| WB9M | JP1PZE | KM4CQG | W6SHY | WB9TFH |
| | K0FF | KQ4R | W9IAL | WC5E |
| 121 | K4AEN | N6KW | YL3GDM | WV1K |
| AB1NS | K4LCP | N7JXS | | YB2BNN |
| AB1QP | K6GWN | N7NF | 117 | ZL3NW |
| AD9DX | K6VMV | N9AVC | AA2A | ZP5WYV |
| DS5KJR | K8ESQ | NK5O | AB8OU | |
| EA5ZR | KA5SYP | NM2A | AD9I | 116 |
| GW4BVJ | KF6E | NN7A | DL5PW | 4X1VF |
| IK5TBK | KZ5JEF | NR5O | DL9QJ | A71XX |
| IZ7QSS | MM1PTT | NX3Y | EA1WS | AA4NO |
| JE3TAT | N4LS | VK7AP | EA5WP | AE0MO |
| JF4HDR | N7TWS | VR2ZXP | EI7GL | AE5FM |
| JH8FIH | ND0C/QRP | W0MF | G0RPM | AI4EY |
| K2OGD | NM4SH | W2OSR | G4BGW | AI9U |
| K3UT | NX2T | W7BJB | G4SSH | DB2WD |
| K5PQ | OE1JIS | W9KKN | JA7HTJ | DL1MEV |
| K6DJ | OE9SLH | W9ZV | JK1NPH | DL1SVA |
| K9OZ | OH2BEN | WB6RAB | JK1SAI | DL2IAN |
| KA9A | PA1NHZ | WK3A | JO3RCK | DL8UAT |
| KB9EKO | PA3ACA | WO2Q | JR6GHN | DS3BBC |

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|------------|------------|------------|------------|------------|
| EA4S | F8DHE | K0VG | JA2HOL | N8KUS |
| EA7AN | HB9LEI | K1IG | JA7TQK | N9BD |
| F1NZC | I6XGZ | K9EFR | JJ0LZQ | NK4K |
| HB9EXQ | JA0EBV | KA2F | JK7UST | NZ3L |
| HB9GZE | JA1CPN | KA5RNH | JQ3EYO | NZ3M |
| HP2NG | JA7NGE | KA9JCP | K4BYN | R6AW |
| IK0SHH | JH0EXA | KD5RBU | K7LOL | RA5C |
| IK4QJH | JH8UGL | KK4TK | KF8AR | VU3RGB |
| J11UHZ | K0AD | KS4Q | KG4URP | W0JW |
| JN7DIY | K4NI | KW7XX | KT0NY | W0TG |
| K0VM | K5PA | LU7LAQ | KU0S | W4BZM |
| K1DM | K8CJY | N2MTG | LA2XNA | W4ZAO |
| K6DLB | KA5YCM | N7RQ | LU9DO | WB2RHM |
| K9JY | KC2RDW | NC4S | M5LRO | WE2L |
| K9YZ | KC4DM | OH2BJG | N1CYA | WG0M |
| KB2HK | KD8DEU | PP2FN | N2MG | WU1U |
| KC8YG | KT6LA | PT2ND | N2MSF | YB2VTO |
| KG4IYS | KX5V | SP5NON | N4LB | YB8HZ |
| KG8DP | MM0DGI | VE3GLA | N9HUK | YC6EI |
| KM9Y | N3DAP | W0PXM | N9VPV | |
| KN4WOJ | N5MI | W1HUE | NE2U | 111 |
| KP4ED | N7MDW | W3DNA | ON7BS | 3A2MW |
| KV8P | NA9L | W3OD | R7TG | 4Z1WF |
| M0PCB | NG4P | W4EJG | SM7AWQ | AA4RX |
| MM0DXH | NR2D | W4LRE | TF1AM | AG4TO |
| N2IFA | PJ2HB | W5TZX | VE1AOE | AI5EG |
| N3MLV | PY1BR | W7HJ | VK3EUZ | AI6A |
| N4UY | RK0SXF | W7IMU | W4EW | DJ0DX |
| NJ8J | VA3NR | W8EH | W4MIR | DL8DYL |
| NK7I | W3AT | W8KTH | W4OEP | EA4ESI |
| OE3HGB | W3JK | W9DKC | W4QH | EA5AX |
| ON6ZV | W5HWU | W9SF | W4ZF | F5PBL |
| SA3ARL | W6KR | WA7BNM | W5PUF | G4FJK |
| SM0JCA | W7TG | WB6POT | YC0LOW | G4PUQ |
| SM0XG | W9EBY | WC3O | | G4WWG |
| SM5AJV | W9IE | WU2G | 112 | HC1E |
| UA9CIM | WA2DNI | XE1GZU | 4Z8DT | HS5XWY |
| V31CQ | YL2DZ | XE3E | AA8HH | IW2FLB |
| VA2EU | ZL1ANJ | YO6HSU | AB7RW | IW5AOT |
| W4LLP | ZL1BBW | | CT7ABD | IZ0OTV |
| W9NNK | ZS1SBW | 113 | CU3HN | JA1ASO |
| WB5UFR | | AA1DN | EA3NG | JH2CYU |
| WB6HVW | 114 | AA2BF | EA5OB | K3BQ |
| WF2B | AA8BN | AG5Z | G8GNI | K4MTT |
| WX2K | AA8DC | AI4K | HL4HLD | K6CTW |
| | DL8DZV | DJ0CL | I0BJV | K6GFJ |
| 115 | G0HIO | DL8IM | IN3FCK | K6MYC |
| 4Z4KX | G0KRL | DL8OK | JE6RIJ | K6WY |
| AB9LF | HB9FUR | DL8SDC | JH1ESR | K8HB |
| AJ0I | HB9WDF | DS4DBF | JH3PTC | K8ZEE |
| AK4DW | HB9WDY | F2AR | K0FE | KA1BQP |
| DB9CR | HL2MHU | GM0VRP | KC0V | KA5JSM |
| DL9SAD | IV3XWD | HB9ARK | KF6ILA | LA3ANA |
| DS4GQR | IW8CGX | HB9LAK | KJ4EX | N3NO |
| EI5GM | JH1MQC | HJ6SQQ | KN1CBR | N4RJL |
| EI5GSB | JR3PKO | IK2PZG | KN5L | N5EEI |
| EI5JL | K0MB | IW1GEU | KR1S | N6GL |

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|------------|------------|------------|------------|------------|
| N8XP | NZ5F | OH3DP | UA6LCN | TG9ADM |
| N8YQX | OM2AGN | OZ5D | VE1GBD | VA2GA |
| NX6D | PV8AJ | PY3ED | VE2WY | VA3RKO |
| TA2AD | TF1A | RA3LD | W2RL | VE3DS |
| UA9OG | UN7BK | UX5XK | W6ZL | VE6PL |
| W1KQ | VU2TMP | W1LE | W7GTF | VE7BZ |
| W1NR | W0TF | W2/JR1AQN | WA1LAD | VK1ZL |
| W1TW | W1XY | W3WKR | WA2VQF | VK3NI |
| WA3RHW | W3RMS | W5TFW | WA8MOA | VU2XE |
| WB2BXO | W4GF | W7PAQ | WB2JFP | W4WIV |
| WB6CJT | W5BN | W9BEK | WB5IUU | W6TGI |
| WB8TGY | W6ELI | WA1HXX | WO3T | W9YO |
| WC1X | W6NS | WD9IOK | ZP9MCE | WA3GFB |
| WI0E | W9UV | XE1OX | | WA9BXX |
| YB0DJ | WA2ONG | YB9WZJ | 107 | WB9B |
| YB0NSI | WA9IVH | YE6YE | 6K2EJJ | WP4K |
| YB0VB | WB8PKK | YO6BHN | AB6FI | WR1X |
| YB1ALL | WB9W | YU1GM | AD8CW | WS4WW |
| YC5ODQ | WJ7R | | CO2WF | XE2JFP |
| YV4EH | YB8FL | 108 | CT1FJK | XE3ARV |
| | YO4AUP | 7K3BKZ | EI/W5GN | YB3ASQ |
| 110 | | C93PA | G4DBW | YB9UA |
| CO2VG | 109 | DK7GH | HA0HV | YC0MCA |
| CP6IB | DL1TPY | DL1FU | HL1SX | ZL1IF |
| CT1DMC | DS4BBL | FM4LV | IT9JKY | |
| DD9WL | DS5WQT | G4JGV | IT9RDG | 106 |
| DJ9SO | G1III | G4NAQ | JA1DHY | 9M2CQC |
| DL7AB | GM4ZFS | HJ6WQH | JA1PRV | AC4WD |
| DS5ANY | GM6NX | HL1IE | JA3PYC | BG3ITB |
| F4FPR | HK4EB | HL5UOG | JG5DHX | DG0OAT |
| G8GHD | IU8GNY | JA1DCO | JH1HDD | DK5WN |
| GU7DAI | JA1DXR | JA8AQ | JM3APP | EI3HA |
| HB9TJG | JA3MHV | JE4RAL | K1LZ | EI9CN |
| IV3GHI | JA3PRM | JL1ODL | K1OQ | EU1TT |
| IZ0SPA | JA9BM | JM1CMA | K1RY | F4HAB |
| JL3OUW | JO3GZH | JO4JDU | K1YA | F6ARS |
| JQ1VNM | K2KYH | JP1GVC | K2DW | F8GB |
| K3RRR | K4EZY | K0NN | K2RI | G3HQX |
| K4CAE | K6GCN | K1XO | K4CKS | G4KCM |
| K6VKO | KA1CTL | K2LUQ | K5SEU | G4MKR |
| K8CMR | KB2FMH | K3LL | K5XS | HC1DX |
| K8GO | KE7BMG | K4VD | K7PTC | IK2QPO |
| K9XT | KE9XN | KB7QFE | K9BR | IZ5IMB |
| KC1RET | KJ7KOJ | KC9G | K9YKL | JA1CCH |
| KD8MQY | KJ7NO | KD2OV | KA4IWG | JA1DEQ |
| KG8OU | KN4T | KJ8N | KC8IVC | JA2RP |
| KJ8O | KO4XM | LA1ZE | KF5TL | JA3VQW |
| LZ1HY | LA9PHA | LA8OKA | KI0G | JH1GNU |
| N1CWR | N2SO | M0TTB | KW4CW | JH8DEH |
| N3NVA | N4GYT | N0MR | MM0LBX | JJ1IDW |
| N4KFT | N4ZQ | N1EDN | N5KAE | JJ2BLV |
| N6RJY | N5DEE | N4BCD | N9ATF | K1FR |
| N8TEM | N5FEE | N4JED | NK7L | K3GP |
| N9ATD | N8LAS | N5RMS | NS0D | K5LLA |
| NA6XX | NJ1H | N9NFT | R3LC | K6JAD |
| NN8L | NK4R | NS0M | SL0AS | K8ARY |
| NS4M | NU7V | OE2CAL | SM4RGD | KA9TSW |

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|------------|------------|------------|--------|------------|
| KC3NIE | G3LOJ | GM4ELV | G4BSW | W9CLA |
| KC4GKY | HA0IT | IK2SYK | G4EHT | W9FML |
| KC5RR | HB9FAQ | JA8BOV | GW4EVX | W9XA |
| KD3UY | HL1IWD | JH2AHZ | HB9BNQ | WA1FXK |
| KJ4KVC | HL5BDD | JH4QKY | HZ1GW | WA2EOV |
| KM4ODS | IC8XIL | JK1VSL | IK2ECP | WA6MRK |
| KN5S | IZ1EPM | JM1SMY | JA2XKM | WB1ATZ |
| N0ABE | IZ3GJL | JO1QZI | JA3EYO | WB2AMU |
| N2QLT | JA2AMP | K4JK | JA4DUD | WB3HLH |
| N3STZ | JA3RRN | K4MSS | JA6SQR | WB4FNH |
| N4LZ | JS3OSI | K5WE | JA7WQJ | WD4AFY |
| N4MY | K3IU | KA5TTC | JE8VZK | WU2T |
| N8MRB | K4RWP | KB1CQ | JH1AWJ | YB0NDT |
| NF4L | K4TMG | KD2NF | JH5OTE | YO2ADQ |
| NK7Y | K8NIA | KD2RUY | K0ITC | YO9BPX |
| NO2EL | KF2G | KD8KX | K1MDA | |
| NS7V | KG5EG | KE7PB | K4BU | 102 |
| OE3TWA | KJ2AM | KG6IP | K5VSD | AA6GM |
| OZ5VO | KM4EX | KL7NW | K9OHI | AA6Z |
| RZ6LB | KS2G | LX2KD | KB8ZUN | AB6RT |
| S51WX | KW4SW | LY3BS | KC4GFW | AD7AF |
| SM6DIN | N1AH | N4EL | KD1YV | AJ4SB |
| SQ7JZO | N1TQ | N4UP | KD6GC | DJ3OE |
| VE3GQ | N2WWD | N5FPW | KN4MT | DM6MA |
| VE3XK | N5QJ | N7UX | LY3BA | DS1CCU |
| VK3FJNJ | N9ETH | NA5WH | N0AZZ | EA1CJ |
| VK3VDX | NJ2DX | NP2N | N0TNJ | EA3DUU |
| W4EJ | NN4RR | OY3JE | N1GNB | EI8IQ |
| W6SZG | NZ0O | R3AQ | N3BOB | EI9KF |
| W9FF | OE1PFC | SV2HNZ | N4JJS | G0DTX |
| W9GM | SA7CJO | UX2FXX | N4MTT | G3TDH |
| WA2SI | TC100TC | VK5PAS | N7NM | G3YBH |
| WB0CHS | UA6CEY | W3FE | N8BK | HA1CW |
| WB2AIV | UQ2GM | W5JDF | N8JS | HB9DMQ |
| WB2GMY | VA1RST | W5RID | N9MSG | HB9DPO |
| WB9G | VA6SP | W5TN | NG8T | HB9EE |
| WD0AJG | VE2GHZ | W6FZA | NN9X | HC2PY |
| WM4W | VP5JM | W7WT | PY5MJ | HL2DAA |
| WN5K | W1GOU | W8AEF | R2DW | IK7WUJ |
| WQ2M | W3UI | W9MMZ | SQ5M | JA1DFQ |
| YC0DB | W5FO | WA2PNI | UA3UCV | JA6JIG |
| YF8DX | W6TE | WB0SOK | UN6GVA | JD1BLY |
| YO3LW | W7SMW | WB0ULX | VE2ACP | JE1FYV |
| YO3NL | W9HB | YB0DX | VK4EFX | JF2OHQ |
| | WA9IVU | YC0IEM | W2ECK | JL6IPK |
| | WL7OU | YL2JN | W2FGY | JR7CDI |
| | XE1MD | | W2QQ | K2ITT |
| | YB8HI | 103 | W3TFA | K3NC |
| 105 | | 9H1AZ | W3TZ | K4HZF |
| 5A1A | | AA2DY | W3WW | K4JDV |
| 5N0ETP | | AA4MF | W4GHD | K6ED |
| AA7FK | 104 | A14FR | W4WFC | K8RCT |
| AC7JM | AA5CV | DB4RG | W5ADH | KB3P |
| AC8MR | AC7A | DL3SC | W5VD | KB4SVP |
| C91IW | AD4KJ | F1OBJ | W6KF | KF3C |
| DJ6DO | DS4FKX | G2FFO | W7KKC | K12Y |
| DL2YBG | EW8AX | G3YBY | W8WT | KZ4EX |
| DL3IAK | G3VDB | | | |
| EA5HB | GI8SKN | | | |
| EW2CR | | | | |

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|------------|--------|------------|-----------|--------|
| LA4JGA | DS1NEI | W5BMS | K5RCR | TG9AKH |
| N0SFF | ES3VI | W5GT | K6BY | UJ8JKK |
| N1BKB | F5LCU | W5SV | K9UC | UR8IDX |
| N3GSE | G14OWA | W6DOE | KA1W | UT0UM |
| N3RYB | HS7WMU | W6KM | KB4CP | UT8UU |
| N6DKZ | IK2BGT | WN9A | KB5NJD | VA3MAH |
| N6MI | IK8VRP | WU9D | KB8GWL | VE7KS |
| N8BI | IU2LFP | XE2ML | KD4QMY | VK2IS |
| N9APK | JA1UBZ | YB1RQX | KD5ZD | W1BI |
| N9XG | JE2DOD | YL2IP | KE1AU | W1HQ |
| NE3I | JF2RSF | YV4DDK | KE4JXF | W2GM |
| NN0K | JH3FEN | ZS6CR | KE8NOA | W3JJL |
| NZ4CW | JL1KFR | | KF7PBM | W3SE |
| NZ6N | JR6GV | 100 | KG4OJT | W4PBU |
| OH5NS | K0ARM | 4I1EBC | KG4QIV | W4PM |
| OK2ZDL | K0IDT | 7L2VYT | KI3T | W4YR |
| PY1LJ | K0IW | A65BD | KI4CBN | W6CWM |
| SM3JLA | K1AFC | AB8DD | KI4TG | W6OP |
| SV2ESW | K4MVM | AC2QH | KI7O | W7AEP |
| TA1UT | K4NNQ | AC6NN | KI8AE | W7RRS |
| VE9DH | K5PV | AF7WM | KO4IBL | W8DSN |
| VY1CW | K9EA | AF8P | KX5U | W9CC |
| W0OGH | KA3CZY | AI6LY | KZ2R | W9ZJX |
| W1DSC | KB1ODO | BX5AA | KZ3P | WA2IBZ |
| W3EH | KB5YN | DB6VH | LA8W | WA2VJL |
| W6OU | KB8BS | DH4RL | N0QLT | WA3DX |
| W8LAQ | KC1MH | DK1MCS | N0RQ | WA6BOB |
| W8QW | KC5MJV | DS4GKF | N2BZD | WA7SCH |
| W9LX | KD1DT | EA3GOP | N2XTT | WA8KNE |
| WA0WOF | KD2SY | EW4DX | N3QO | WB3FHU |
| WA2HIP | KD4FW | G4FJW | N4DOU | WB4KXS |
| WA3YQG | KD8CGH | G4XXI | N6FM | WB5HJV |
| WB0PWA | KJ2U | G8APB | N7ENN | WB6PJC |
| WB4FDT | KQ6X | HB9CZF | N7PIB | WC9C |
| WB9AZA | MW0CPZ | HB9SVT | N8MSA | WF8Z |
| WE1B | N2JNE | IK2HLM | N9ALC | WJ5K |
| WK3H | N3CAL | IK7NXU | N9LPT | WM1L |
| WM0G | N3PPH | IV3EFE | N9WK | YB1ME |
| WU6W | N3PW | IZ0WEI | NA3M | YB3VO |
| YB1RED | N3ZA | JA1CCG | NF5KF | YC0BJJ |
| YE0TUR | N4DTF | JA1FVS | NG1I | YC0MAT |
| YL3KV | N4QWK | JA1RRA | NI7R | YC0RI |
| YO2OXD | N5LJL | JA2KPW | NJ2X | YC2JPO |
| ZL4FZ | N6AJR | JE2SOY | NT5EE | YE2R |
| | N6UOZ | JG1LFF | NT8Z | YO7DAA |
| | N7NWL | JO1VRV | NU5V | YU7PG |
| 101 | N8LIQ | K0HNM | OA4/XQ3SA | ZL1IM |
| A41ZZ | N9MKC | K1FQL | ON5EQ | ZL2RX |
| AA1XO | OA4DGS | K1HC | PA3EIH | ZP9CTS |
| AA3DD | OZ1KSN | K3LAB | PT2DF | |
| AB4BJ | PV8ADI | K3TUF | PV8BR | |
| AD4IE | SP9TKW | K4BNC | RA3UT | |
| AF5I | UY5AR | K4KFH | RA6XB | |
| BV7II | W2MW | K4KYN | RZ3ATG | |
| DJ3GZ | W3MDO | K4NWX | SM0THU | |
| DJ3NK | W4POT | K4RSA | SV6JHA | |
| DL3XAC | W4RC | K5PSN | SV8RMA | |
| DM5TI | | | | |