

ARRL DXCC - 15 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 10 May 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.

| | | | | |
|---|--|---------------------------------------|--|--------------------------------------|
| 374 EA8AK | JA2JW K8MFO K9MM | K4PI K4UTE OZ3PZ | W8DCH W8UVZ WA1JMP | JE2URF JE3EDJ JH2UVL |
| 373 DJ2BW* OK1ADM | N6AR SP8AJK W9ZR | SM4DHF WX4G | 351 AA4V CT1BH | K2PLF* K2VV N0XA |
| 371 W4DR | 360 JH1GZE W1NG | DJ9ZB I4MKN JA8EAT | DJ4XA G3TXF G4BWP | N3XX N4XM N5UR |
| 370 W9YSX | 359 DJ8NK JA1BK JA1EOD | JR1CBC KF2O N7RT | JA0AXV JA2VPO JA3PIS | N6JV NY0V PE5T |
| 369 G3KMA | N8DX 358 N4CC OH1XX | SM5CZQ SM6CNN SP5EWY | JA5AUC JA5IU JF1PUW | PY2BW SM4EMO SP8NR |
| 368 OZ1LO W1JR | 357 JA1ELY JA3APL | VE1YX 353 F6EXV I6FLD | W3AP W3UR 349 DK1FW EA6SX | W3AP W3UR DK1FW EA6SX |
| 367 K4MQG SM0AJU | JH1IFS OH2BU W4DKS | JA2JPA JA3EMU JA5EXW | K0KX K2UO K8PT | F6BKI HB9BZA IK1GPG |
| 364 4X4DK K2TQC SM6CVX | 356 DJ4AX DJ6RX | JH4IFF K3UA K6TA* | K9EU N2LT N2TK | F6BKI HB9BZA IK1GPG |
| 363 K4FJ K5NA* K5UR N4MM | W4DKS 355 HA0DU JA3FYC | K6YRA NR1R UA4HBW | N5AW SM5AQD SM5DJZ* | HB9BZA IK1GPG JA8DNV |
| 362 JA4DLP K4DY OK1MP | W3LPL 355 HA0DU JA3FYC | K1ST K4ZYU SM6CMU | W1GL WB6RSE 350 AA7A | JA9APS JE7JDL JF7XKY JH1TWT |
| 361 DJ2YA | JA4DND K4CIA | VA3DX VE3XN | W6RSE 350 AA7A DF3CB | JR2KDN K0DEQ K3FN |
| | | | DJ9KG G3XTT I4EAT* | K8SIX K9ALP N1DG |
| | | | IK6DLK JA0UUA JA1HGY | N4CH OZ1BTE SP3E |
| | | | JA1LSP JA2JNA JA6BZI | VE3EJ W2LO W3NO |
| | | | JE2LUN | W3YX |

| | | | | |
|------------|------------|------------|------------|------------|
| W9RN | 346 | 344 | VE6WQ | JR2UBS |
| 348 | CT1EEB | AD1C | W1KSZ | K2SHZ |
| I4AVG | DJ5FI | DF4PL | W9IXX | K3KO* |
| IK4BHO | DK5WL | DJ9ON | WA4FFW | K4IQJ |
| IK4DRY | DL4MCF | DL7MAE | WB9Z | K4SE |
| JA1UQP | EA5BM | G0DQS | WK3N | K5DU |
| JA2IVK | I4LCK | GM3YTS | YO9HP | K7NN |
| JA3DY* | JA1FVE | IK4GME | 342 | KQ8M |
| JA7JWF | JA1GRM | IV3JVJ | AA1QD | N4DW |
| JE8BKW | JA2FJP | JA2VMU | AD5Q | N4PQX |
| JF3KON | JA5AQC | JA9CWJ | DF3GY | N7US |
| JH4UYB | JA9FPI | JE2LPC | G4OBK | N8TR |
| JM1VRW | JE1SYN | JR6FC | HB9BIN | NJ6P |
| JP1NWZ | JF1KKV | K1BD | JA0EOK | OE8HIK |
| K0EU | JH1QAX | K4HGX | JA1XPQ | OE8RT |
| K0TJ | JJ2LPV | K5ZK | JA2TBS | SL0ZG |
| K1HTV | JJ3PRT | K6FG | JA6CBG | SP6CIK |
| KW9A | JK1UVP | K9NU | JA9TWN | SP6M |
| LA7JO | JR3GWZ | LZ2DF | JH0INP | SP9DWT |
| NS6C | K6AM | N8BM | JI1DHY | UA3AB |
| OH2BLD | LU2NI | N9US | JL1UXH | WJ4T* |
| PY2XB | N4AH | OE3EVA | JQ3DUE | 340 |
| PY2YP | N4NX | SP7ITB | JR1BLX | 9A2NA |
| R7LV | NIOG | W0MHK | JR1WCT | AA4HP |
| SP2FAX | UT5UGR | W1ECT | JS3CTQ | AB4IQ |
| SP9FKQ* | W9MU | W5BPT | K2UU | CT1APE |
| W7UT | WI8A | W5FKX | K4UEE* | CT4NH |
| 347 | 345 | W8CZN | K4XP | EA1JO |
| AG9S | AA6YQ | YO3APJ | KA1ERL | EA5RM |
| DL5DSM | DJ9HX | ZS6EZ | KU0A | EA8AKN |
| IK5HHA | HB9RG | 343 | N4KG* | F3SG |
| JA0GJJ | I0MWI | EA5BY | N8DJX | I4EWH |
| JA1QXC | I5KKW | F6DAY | N8JV | JA0LFV |
| JA2FBY | JA2AH | HA5WA | R4GM | JA1KQX |
| JA2FGL | JA6BZA | HB9BGV | SM5KNV | JA7BEW |
| JA3AZD | JA7IC | I0WDX | SM6CTQ | JA7MSQ |
| JA4LKB | JH2FXK | JA1IOA | W0DJC | JH1SJN |
| JA5MHD | JH2SON | JA2JRG | W0VX | JJ1SKG |
| JE1DXC | JI4POR | JA2XYO | W1RM | JL1XMN |
| JG3QZN | JR7VHZ | JA7FWR | W2YC | K1OA |
| JR1DUP | JR9LKE | JA9FAI | W3GH* | K2TK |
| K4QL | K1DG | JH4JNG | W4PK | KE9L |
| K4XO | K2RW | JR1BAS | W5XC | KG4W |
| K9ZO | K3WC | JR1JGA | W7AO | KV7K |
| N0AT | K5KC | K5RK | WT8C | N1NK |
| OZ4O | KS1J | K9IR | 341 | N4GN |
| PA3FQA | N4JJ* | KD5M | EA2IA | NU8Z |
| PY4OY | NN4T | LA7AFA | G0JHC | OE2LCM |
| SM3EVR | OE6IMD | N5ZM | G3LZQ | OK3GU |
| SM5CEU | SM3NRY | NO8D | G3RAU | ON4CD |
| SP5CJQ | SP7GAQ | ON7TK | G4GIR | ON4IZ |
| W0BV | W1DIG | SM6CCO | HL3IUA | R3OK |
| W7MO | W4UM | SP1JRF | IK8HJC | RU3FM |
| W7OM | W6SR | SP3EPK | JA8EJO | SM5ARL |
| W9OP | | SV1JG | JR2LJO | UA3AGW |
| | | UA6A | | W2AY |

W4TJE
W6XA
WD5COV
YO5BRZ
YO7LCB
ZL3JT
ZS4TX

339

AA1ON
DJ9RR
DL2OE
EU7A
EY8MM
F3AT
G3NDC
GM3POI
I5NPH
IK4DRR
JA0NZR
JA1VLK
JA2DPC
JA2WYN
JA3GN
JA9GPG
JE2OVG
JF1WPB
JI8DGO
JM2RUV
K0CA
K1EFI
K2FF
K3PA
K3WW
K4MWB
K7ZA
N2BJ
N5XZ
N9AU
NK1K
PY5EG
R5AJ
SM4DDE
SP1S
SP7VC
UT9FJ
W1YIF
W5ZN
W9OL
WB4TDH

338

AA5AU
AC4G
DF2RG
DK5AD
DL6KR

EI7BA
HL3DE
JA7KY
JE8TGI
JH1HHC
JH3VNC
JH4FEB
K4CN
K5BG
K8FL
KC7V
N3NT
N4DB
N5OK
NI6T
OE3GCU
OH6NIO
PY5HOT
SM6DHU
SP5DIR
UA3AP
UX1UA
UY5ZZ
W1YM
W6YI
W8AV
W9RPM
WA6F
WB2GOK
YV1DIG

337

AB6QM
AD6W
EA9IE
GM0GAV
I2MQP*
IK4PLW
JA1FQI
JA5BEN
JA5WIZ
JA5XAE
JA7XBG
JA8NFV
JE1GWO
JH1NYM
JH1XFR
JH2AYB
JR4LNG
K0TT
K1AR
K6YUI
K8BL
KA9CFD
KP2A
N8RR
NN4SS

OE1ZL
OZ1CTK
RZ3AM
SM0CCM
SV1RK
VE3EXY
VE3FF
W0YG
W2GW
W2NO
W4DC
W5OZI
W6XK
W9PZT
WA5VGI
WL7E

336

AA6AA
AB9V
F2JD
FK8CP
HB9CEX
IK5PWQ
IT9DAA
JA0CRI
JA0DIN
JA4FKX
JE1VTZ
JH8RZJ
JJ3HGJ
JR3OEH
K4MS
K5MC
K6RO
K9NW
K9RR
K9SM
KC6AWX*
KG7H
N2TN
N5ORT
N5TY
ON4AOI
OZ1AXG
RA7A
SK7AX
SM3VAC
SM6BZV
VE3LYC
W2LK
W3OA
W8GC
W8OI
W9ILY
WA2VYA
WA8WV

335

EW2A
IZ5EKV
JA3EOP
JA4MRL
JG1WSC
JJ1DWT
JM1HJG
JN3SAC
JS2LHI
K1LD
K2LS
K2XF
K5AQ
K7EG
K8WK
K9YY
KF0QR
KQ3F
N4QS
OE1AZS
SM2GCQ
UR0MC
W1LW
W2IRT
WA1S
YB5QZ

334

G3OAG
G4PWA
HB9DHK
I2EOW
IK0HFO
JA1ANR
JA1JAT
JA1SJV
JA2BDR
JA4ITW
JA6VQA
JH1JNR
JH3CUL
JH4ALY
JK1GOK
K1YR
K5XI
K6ND
K9CT
K9RX
KK0M
KM1D
LA2QM
LA5IIA
LA8PT
N8KOL
N9RS
ON4IQ

R6AF
R7DX
VE7IG*
W0SR
W3LL
W3SB
W5AJ
W5TCX
W6TMD
W7FP

333

DL5WW
DL9TJ
DM5EE
EA3GP
JA0A00
JA2XCR
JA2ZL
JA6WJL
JA9IFF
JN1BMX
K6KLY
K7WP
KA8ZPE
KX4R
N4AA*
NW7E
R9FM
RW3RN
VE3BW
W5CIA
W6TC
W7CT
WA4BIM
WB9CIF
WC4B
WD0DAN
WE9R

332

AA8OY
AB5C
CT1IUA
DL5CW
EA5AT
HB9DDZ
HL2IFR
IK0PEA
JA1KPH
JA7QVI
JH1KLE
JI3CJP
JK1EXO
K1HT
K5EK
K7GEX

| | | | | |
|------------|------------|------------|------------|------------|
| K8AV | JA2FSM | 328 | PY5EW | K9JF |
| KS3F | JA6BEE | 9A4W | RV3LO | KB0EO |
| N4TL | JA8EOT | AI9L | S57AT | KR2Q |
| NA5C | JE6TSP | CT1BWW | W2QO | LA7HJA |
| R3VA | JE7JZT | G3SVD | W3KX | LA9AJA |
| RA3CQ | JH1APK | HA9PP | W4HG | PP1CZ |
| SV1FJA | JJ2KXK | HB9BOI | W8HW | PY2KP |
| UA6MF | JR0EQQ | I1EIS | WA1YTW | RW7M |
| VE1DX | K0JUH | IK2YCW | WB3LHD | VE3CFK |
| VE2TZT | K8YTO | IV3YYK | WB9EEE | |
| W1SKU | LU3CQ | JA0GCI | YS1RR | 324 |
| W2XI | N1IBM | JH3GRO | | 5B4AHJ |
| W5WT | N1RK | JH4BTI | 326 | DO4DXA |
| WF2S | N4II | JH4CBM | 4Z4DX | F5CQ |
| | NE3F | JK1OPL | A45XR | HL2WA |
| 331 | PY1KN | JL2JVX | CT1DKS | JA1BPA |
| AA5AT | SM3NXS | JM1FHL | E72A | JA2LHG |
| EA8BYR | SV1DPI | K4EM | G0BLB | JA7LGE |
| F9XL | W0HBH | K6FW | I3BUI | JE8LWZ |
| G4CCZ | W2JU | K9US | JA1IZZ | JH7RXU |
| HB0CC | W5LT | KN5O | JA9GLW | JJ1TKN |
| HB9DDO | W7LR | KT1J | JH8NBJ | K1GG |
| I5HOR | WD9DZV | LA2PA | JL1BYZ | K2AJY |
| IK2QPR | | LA5HE | K0BJ | K5UO |
| JA6HQT | 329 | LU8EKC | K2NV | K5VIP |
| JA7BWT | 9H1SP | N6RV | K5RT | K5WAF |
| JA8LRG | AF2C | NE1B | KI0KB | N5JB |
| JH1BAM | DL5EBE | PY2IQ | LB8DC | N9JV |
| JO7WXN | F5PAC | PY2XU | N4QQ | NF4A |
| JR7WFC | G5LP | R7NW | N8PW | OE8SPW |
| K4HB | IK4AUY | SM5CAK | R7FK* | R9TO |
| K7ZV | IK8YTA | UT7UJ | SM3DXC | RA9CMO |
| KC6X | JA1CZI | VE3VHB | SP3CGK | WB7B |
| KD3CQ | JA3RQ | W2SM | UA3DPM | ZS6KR* |
| KZ4V | JA7FTR | W4BP | UA4LY | |
| N8SNM | JE8CLT | WK7E | UN6T | 323 |
| NN4R | JF2UPM | | VE6AX | AJ6T |
| PA5TT | JG3SKK | 327 | W4YCH | DL1KUR |
| RM0F | JK1UNZ | AA4R | W7AL | EA3GHQ |
| RN3QN | JL1RUC | AA8CH | | EA3GHZ |
| SP5IWA | K8QM | DL6CNG | 325 | JA3VPA |
| SP6HEQ | KC9ARR | EA1N | EA6VQ | JA9NFO |
| UA9FAR | KM3J | JA2ATE | EI6FR | JE1LFX |
| WB8ZRL | N1RR | JA2CXF | HL3GOB | JF2XGF |
| | N8BJQ | JH1IAQ | JA1WSK | JG8FWH |
| 330 | N9FN | JH1IED | JA2VQF | JJ1OKK |
| 4X4JU | OE1WEU | JH3SIF | JA5BGA | JJ6DGP |
| AE5E | PA3EWP | JH4ADV | JE2EHP | K0KVR |
| DK2JX | PY2NQ | JL1MWI | JH1AQN | K1RO |
| DL4CF | SP1MGM | K0GY | JH1ORA | K8NVR |
| EA7TV | SV1IW | K1LI | JH3GFA | N1SV |
| GM0AXY | SV8CS | K4SO | K0KT | RX3AGD |
| HK3W | W0AWL | K8AJK | K1KO | SM4CTI |
| IK5RUN | W0RX | K9XD | K3RA | SM5JE* |
| IZ0AEG | W3BW | KN6KI | K3UL | UT2UB |
| JA1SYY | W6ENZ | N1GC | K8TL | W1ZT |
| JA1XEC | WA7NB | N6HC | K8UT | W2GG |

W4OX
W6NWS
W7DO
WA2NPD

322

AI6Z
DL1DUO
HA7TM
JA3LDH
JA6TMU
JA8EKU
JH1AGU
JJ2RCJ
JQ1IBI
JR4OZR
K0AZ
K6SIK
K8OM
KB1JZU
N6OJ
N6UK
ND0N
ON4CAS
ON6AA
OZ1ACB
RU3QR
SM0NJO
SM5CLE
SM6CUK
SV1GYG
W3GQ
W4FQT
W4SK
W7ZJ

321

AC0A
DL2CHN
I5OYY
IW1ARB
IZ1LBG
JE3SSL
JR6LLN
K8EUR
K8GI
KM1C
MD0CCE
N0KV
N5GH
NA2X
RX4HZ
SM5CZK
VE1JBC
W1ITU
W5GZ
W6CUA

W9AJ
WA8CDU
YO2RR

320

CX6VM
E73Y
EA3EQT
IK2SGB
IU7QBB
IV3TMV
JA0CIU
JA9AGN
JF1LZQ
JM1SZY
K3NK
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K7LJ
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K9MK
N4IG
N5LZ
N7KA
N8RF
PY5CC
RA3QK
SM2OAN
SP7HOV
UR5EDX
US0KW
W0EWM*
W0TT
W6AEA
W9JA
WD4LBR
WT4Q
XE2CQ
ZS6WB

319

AH7C
EA3WD
IZ2AMW
JA1BNW
JA1DM
JA1RTX
JA9NLE
JH1OBS
JP1IOF
K6UM
K7XB
KM4H
KU8X
LA9FFA
N0RB
N2NL
N3RC

NN4X
RA0FF
RL3FA
RW4NN
SV2DGH
W0TM
W8TN
WB0TVY

318

AA8LL
AA9A
AB3CV
DK7YY
DM2DXA
EA6ET
EC3A
EV1R
IZ8FFA
JF2WGN
JF8QNF
JH1UBK
JH3HTD
K2PK
K3PP
K4HMB
K6PJ
K7ACZ
K8NK
LZ2JE
N5ET
N6KZ
N8LJ
NA9A
W0FLS
W1AO
W1EQ
W2LE
W2OO
W3MR
W5ZO
W6YOO
W8HC
W9IL
WA3AFS
ZL1BYZ
ZS2DL

317

CT1GFK
DL7BA
EA8RR
JA1XRA
JA8BAR
JH2AQI
JR0AMD
K6IPM

K7UA
LA5LJA
LU4FPZ
N1API
N7HN
NQ7R
NT0V*
NU1O
NX0I
R0FA
R5DT
RA1QD
VE3EK
W5ODD
W8RLS
ZS1LS

316

AF9H
F5PBM
G0EHO
G0OIL
G3KWK
HA7UW
HB9TKS
HK4SAN
HP2AT
IV3TDM
JA7LMZ
JG3FEA
JG3LGD
JH1VHU
JH7NTW
JH7RTQ
K3XA
K4XD
K8YSE
K9FN
K9MBQ
K9OT
KD0PO
KQ4AV
N5DG
NE0DX
OH5VT
SV3DCX
UA3TT
W5PF
W7CA
YB1UUN

315

AB0CT
EA6NB
HB9SLO
IZ5BAM
JA5FBZ

J11NJC
JK1VXE
K1NTR
K2BA
K2UR
KR4F
N8OC
NQ1K
PA3CSR
UA0BA
VE3YF
VE6LB
W2CG
WA4QMQ

314

AA8R
F5UJK
GM3YOR
I1FQH
JA1SGU
JA8BNP
JH6PFY
K0BX*
K1PL
K3JT
K3PT
K3SEW
K7BV
K8AJS
KA4RRU
KC5LK
KW4V
N0RN
N2FF
N6DX
SV9COL
UT7UV
W3RJW
W8KEN
WA1FCN

313

DK8MCT
HS1NGR
IK0LNN
IZ2FOS
IZ8EJB
JA3BXF
JA3MHA
JA4HAW
JF1NZW
JH1RGG
JH3KAI
JM1LPN
JR3TOE
K8FH

| | | | | |
|------------|------------|------------|------------|------------|
| N2NS | K8BN | KM6HB | W1VT | EI9JF |
| N9ISN | K9ZM | LU8ADX | W2ZI | EW4M |
| N9KW | KD4OS | N2LM | W7AH | G3KMQ |
| NK0S | KE9I | SM0MPV | W7QDM | HB9LCW |
| OE2GEN | SM6BGG | W2FV | WB2BIN | IV3GOW |
| OE3SGU | SP5ES | WZ8P | WO7R | JH4RLY |
| RU6L | SP6DNZ | | | JK1ODA |
| S55DX | SV9AHZ | 308 | 306 | JR1VAY |
| W1YRC | W4VIC | E21EIC | CU3EJ | K1ZE |
| W5PJR | W5GAI | G4ZOY | IT9RTA | K5TT |
| W7BEM | W5ZE | G8DX | JH1VUO | KE3D |
| WA5IPS | W6RS | HL4CBX | JR3QHQ | KF2DT |
| XE1J | W8JRK | IK5PWN | JR4NUN | KK4OK |
| XE1KK | ZL4TT | IW0HQE | K4MM | N4JQQ |
| | | IZ5RVG | K4PB | N6MZ |
| 312 | 310 | JA1DDZ | KX2A | RA3SS |
| AB5A | DL6ZXG | JA4DHN | N4HID | RD3AW |
| CU2AP | EA5OX | JE2DZC | N7NG | VE3CRG |
| DJ2RB | I0JBL | JH3GCM | NA2U | VU2NKS |
| EA8MT | JA2IYJ | JM1JZN | PA0ZH | W2NRA |
| F2NH | JA4ZA | K0KG | R9SA | W6RKC |
| F4BKV | JH1WJR | K1SM | SK3PY | WA1PMA |
| IK0XBX | K4WNW | K4JLD | W9ZJ | WA3GFM |
| JE2RDO | K5ALQ | K7UT | WB2GAI | WA4LOX |
| K5MT | K5GH | K9ARZ | WB5JID | WA9PIE |
| KJ6P | N4NW | KB1EFS | | WB2NPY |
| LA3WAA | N4RWG | KB8VAO | 305 | XE1MEX |
| N5MOA | N6PEQ | KJ6NZ | AK5X | |
| OE5BWN | N7XR | N2WB | EI9FBB | 303 |
| ON4ANN | OE5FIN | ON5UE | I8JIT | 4O3A |
| OZ4VW | ON4EB | PY2VA | IT9CVO | AG5W |
| PY7DJ | OZ3SK* | SP8HKT | JA1VRU | HB9DHG |
| SM5BMB | R8TX | W0LS | JA2ITK | HL3AMO |
| SP3IBS | W0KEU | W0QQ | JH1DGQ | IW1QN |
| W1BR | W8LGJ | WB2WPM | JI1MNT | IZ3ENH |
| W2YR | W8MET | ZS1A | JI1UHZ | IZ8FWN |
| W5WP | WA3C | | K0MN* | IZ8XQC |
| W7YAQ | WB3JFS | 307 | K1ESE | JM1GHT |
| W8IQ | | AA4NC | K1LPS | JR2WCX |
| YO3JF | 309 | DK3WW | K1LT | K0BBC |
| | DS1JFY | EA1RT | K1USA | K4VIG |
| 311 | G0VXE | EA7DUD | K6MKF | K5DHY |
| AA5AM | HL4CJG | HB3YFC | KD0Q | K5PS |
| CU2DX | I4KDJ | JA2MNB | KF0LA | K9FZ* |
| DL1SMA | I5XFD | JA2NDQ | N7BT | N2AJ |
| GM3PPE | IK0UTM | JA8CJY | NC4RB | N5TW |
| IK0HBN | IZ4MJP | JH2BNL | UA0FO | PA7RA |
| IK2RPE | IZ8FDH | JH4HMG | UN3GX | SV2AEL |
| IW0SAF | JA0LXP | JR8AMF | VE3YV | UA3ECJ |
| IZ8DFO | JA1RAE | K2AZ | W2YK | W0ANZ |
| JA1FNO | JH1OGT | N7IR | W3ACO | W1WC |
| JA1OVF | JI3BFC | N7MQ | ZL2IFB | W2JLK |
| JA3EY | JN1RQV | NV9L | | W3FI |
| JJ2VLY | K1CBK | NZ3O | 304 | W8BBQ |
| K0GD | K4JAF | RK4FD | 9K2GS | WB8BPU |
| K3VAT | K5VWW | SP6A | AF4HX | YB0COU |
| K5KG | KE1F | VU2PTT | CT3HF | |

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|------------|------------|------------|------------|------------|
| 302 | JH1ACA | JR1MLU | N8XI | W4KA |
| 7K1PTT | JJ1BMB | JR7FRW | OM4EX | W7IAN* |
| 9A4T | JK1WSH | K5CR | UW2ZM | WA9GON |
| DL2SWN | K2CBI | KR6C | W0CP | YO9FNP |
| DS5ACV | K3LR | KS0M | W2TB | |
| EB3CW | K8DV | N1ZZ | W9GG | 293 |
| FG5FR | K9ZG | N3KN | | CT1EAV |
| HB9ZS | KD4W | N4HB | 295 | EW1KP |
| I2DMI | LA8HGA | N4XP | 9M6YBG | HL3ERJ |
| IV3VBM | MM0EAX | N7RD | AB4SF | IZ8GGF |
| JA2VHO | N1QY | NA5DX | CT1AUO | JA1DCO |
| JE1IBI | N8PCN | ND0C/QRP | DJ3AS | JA2KTP |
| JF1RYU | NA4MM | RW4CY | HB9IQB | JA3BG |
| JM1JIV | PA0TCA | SM7CQY | IZ8VYU | JG0CQK |
| K2AT | UN7TW | UN7LZ | JA1MZL | JM1CMA |
| K4JJW | W4RDX | WA8MCD | JL7BRH | JR1EFG |
| K4ZO | W5ZG | YB1AR | JR1FHP | K0DEW |
| K9QFR | XE1RBV | YL2KF | K1RV | K4WES |
| K9UQN | | | K5TA | K6CF |
| KG6I | 299 | 297 | K6BV | K6LRN |
| OH4UI | CT3KN | CT1ELF | K7KB | KH2L |
| RU1AB | DL1TRK | DL3KZA | KF7PG | LA3MHA |
| SM4OLL | DS4AKP | DS2BGV | N4LR | N5ZC |
| SM5CSS | EU1KY | HB9BAT | N7VPN | N7TR |
| W7HPW | G3VPW | HB9CXZ | N8NN | N9BX |
| | IZ8IEV | IZ4DPV | ND4V | PA7TWO |
| 301 | JA0PE | JA9PQ | ND4X | SM0XBI |
| 9K2OD | JA8UIV | JF1JTQ | SV1VS | W3NS |
| HL2KV | JH1ADY | JH3FUK | VA7ZT | W5SL |
| IT9BLB | JN7DOS | J11CYX | W2WG | W5VY |
| IZ3ETU | K1ACL | K1DT | W4GIW | W7VY |
| JA1HOM | K6SRZ | N9SF | W5WLA | W9FI |
| JA9AA | NA5Q | NW4M | W6DE | ZL4AS |
| JH2AJY | SM4AZQ | OZ5NJ | W6SHY | |
| JH8KFE | SM7NDX | W3JX | W9MJ | 292 |
| JO4CFV | SV1CQN | W5JAY | YO2CMI | A65BR |
| K2RSK | VK3HJ | W9GXR | | AJ4A |
| K5RJ | W0AIH* | W9HBH | 294 | DL5XL |
| N1KC | W6PJ | WA4TII | 4X1RU | HL2CFY |
| N4SC | W8QZA/QRP | WF4U | AA3LX | IK4IYC |
| OZ7DN | WA0ROI | | DF7EE | JA7GAP |
| PY2GG | WA1EHK | 296 | JA3HBF | JA7VEI |
| W1TO | WX0B | 4X6ZK | JE3ENP | K3EA |
| W6JTI | | A65CA | JF3PNQ | K4ST |
| W6RW | 298 | CT3MD | JH0RVY | K5ZD |
| W8MHW | AF5CC | EA1KY | JH1AJT* | K6EID |
| | EW1BA | IK2PZC | K1JIU | K9NR |
| 300 | F6FYD | JA2HYD | K6XN | KD6UO |
| DL6JZ | G3VAO | JA3WMS | N6PSE | KE9S |
| EA1AF | IK2DZN | JA9EEH | N8SHZ | N2KX |
| EI2GLB | IK8EPC | JF1IRW | PA0JSE | N5KM |
| IZ0RVI | IW0HOU | JH4GJR | SM3LGO | SM5FWW |
| JA1EMQ | JA1PUK | JR0PJR | SM5OJH | SP6JIU |
| JA1GLE | JA2FBC | JR4LZX | UR5FEO | W0UVC |
| JA2EPW | JA8FFM | K2AX | UX5UO | W1KDA |
| JE4FNC | JH1FVE | K2FW | W1UK | XE2MX |
| JG2NLN | JK1TCV | N2SQW | W2OIB | |

291
AJ8MH
DF2GH
DL8SDC
HB9CQK
I1LGR
IV3XNF
JA3WLN
JE2VLG
JI1CQA
K4EA
K9YC
KA1DJ
LB2TB
N9AOL
SV1ACK
W4NK
W6WF
W7IU
W8WVM
W9ZCL
WA0RVK
WF4G

290
AA4FL
DS4BBL
EA3CJ
EA5DFV
IV3TMM
JA1DXA
JA2NNF
JF0EBM
K2SY
K4CMS
K5ZQ
K6ZZ
K7GM
KE8UM
N4UOZ
N4XMX
N5YY
N7TY
NE0U
PY2DS
SV3AQR
VK3FM
W3MF
WB8K
YV5OIE

289
7M4AOE
BA4TB
F5NBX
IZ7AUH
JA3ENN

JA4GXS
JH1IZR
JH1OVY
JH1RFM
JI4WAO
JK1AJX
JK1BSM
K0MD
K4RG
LA0FA
M0TTB
N1JP
N4TV
NE8P
NF1G
ON4ATW
RN9N
VE7TK
W3BJ
W4UCK
YB9WZJ

288
CT1FCX
E72U
JE1HRC
JE4CIL
JH1BNC
JR3UIC
K8ZZU
KI1U
LA5YJ
SM4BZH
W4MAY
ZS2EZ

287
BA7IO
EA1KP
EA5RD
EC1A
EC1AIJ
EI8IU
F5LIW
JA0DET
JF0JYR
JH2PWY
K1XV
K2XB*
K4EU
KI4GE
N0OK
N9UA
OZ1LCG
OZ6EI
PZ5RA
RA3BL

RQ3A
SP1DSZ
W1ZK
W2KA
W5QM
W7MEM
W8OP
WV6E
WY0V
YO4DW

286
CT3DL
EU1U
JA6GPR
JN3TRK
JR2IMJ
JT1BV
K0TPP
K8YYY
N1BCL*
N2DPF
N6HY
N7UN
NU1B
PY5IP
SP6AXW
W7NN
W9YE
WW2DX

285
AD8P*
CT1DOF
DL1HRN
DL6UAA
F6DBX
HC1BI
HL5BMX
IK5BOH/2
JA1GVT
JA3BLN
JA8ZO
JG1OGM
K1MAA*
K2SN
K3PU
N6QI
PE1L
SM6AOU
W4DAO
W4LSC*
W7JWM
W8IW
W8NN
WB4YDL

284
DJ0UT
DS5TOS
IK0AGU
JA1IVY
JA2QXP
JA5NPV
JE1PNX
K3FRK
K4KAY
K5JZ
K8RRT
KA6BIM
KE0A
KM2E
N0ODK
N1IA
N2YBB
N7DED
OH1ZK
RM3DA
W0SZ
W3ML
W6DPD
W6GRV
W8LR
W9EWZ
WA4CEM
WA4JQS

283
AB4UF
EA5B
IK0OPS
JA1ERB
JA8BOV
JH4ADK
JI2EMF
K0GW
K1RI
K3GGN
K4OCE
KF4NEF
LA6UL
N2JJ
N5UL
N8WRL
RA5BM
VA7XX
W1MK
WN6K

282
IZ1JMN
JA3UNA
JA7GYP
JE2KSM

JH8LEY
K1GE
K2MHE
K4JC
K5WBM
K8ROX
K9SG
KI5BLU
N0ABA
W6OUL
W6TK
W7HR
W8WEJ
WC1M

281
CT1FUH
DF2UA
DL2RTL
DS3HWS
EA4UV
G3LUW
IZ6CST
JA1TD
JA3QOS
JA7SFD
JH0NBN
JH6WDG
JR7GBL
K2UFM
W4DEE
W9RXJ
WB3BFC

280
CT1FPQ
DJ5IO
HB9FBG
HK1MW
HK3CW
HL2EIZ
IK8VRH
K0PC
K4QE
KE4UW
LA7GIA
NA9RB
RT0F
VK3OT
W5VQ
XE2D

279
EA4DL
EA5AR
JA4HXF
JA4JLT

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|------------|------------|------------|------------|------------|
| JF2SKV | 276 | AI9U | K5FZ | NX4TT |
| JH1FNU | DL4NBE | EA1DLU | K9EXY | OH3OJ |
| JH1NYN | F6ECI | FG8OJ | K9OR | OZ1IKY |
| KZ9DX | GU0SUP | IK1IYU | KD8RQE | PY2OP |
| LA9VFA | IK2RZP | IZ4DIW | KG6D | PY2SEX |
| N3TR | JA1OVD | JJ1KZZ | KS4S | UA3O |
| N6IE | JA4VLK | K0THN | N4JT | VU2CDP |
| OE3HWC | JA7KE | K1KI | N7MB | W1JGS |
| UT3UZ | JF1TEU | K8JE | NT2A | W4LIA |
| W1SSN | JR1GFX | KA8SYV | VK2CA | W4PNY |
| W4UFO | K1CA | KI7AO | VR2XMT | W9OO |
| W7WZ | K4MV | N6RK | W1KMA | WA6EZV |
| WZ4RC | K7LV | OH1JP | WQ6Q | WW8W |
| | K9GWH | PT2ADM | | |
| 278 | N4FN | PU2POP | 271 | 269 |
| AG3V | N7WO | VU2DCC | 4X6UU | DS5DNO |
| CU3AN | RT5A | W5GA | DF3EC | EA7SG |
| EA8AXT | SM0DSF | WB3D | DJ9SO | JA1QIW |
| JK7LXU | VU2CPL | | IK0EFR | JA3KKE |
| K0CF | W0JM | 273 | IS0AFM | JE2UFF |
| K1KA | W0KCJ | AA7G | JF2OZH | JH0AWC |
| K1NJ | W0OGH | AB1J | JP1SRG | JI6IHG |
| K5DV | W5DAW | AE0P | K0CS | K3WWT |
| K9KDS | W6DCK | F1ICS | K3GW | K8ZM |
| N1EN | WA0SXV | HB9JOE | K5FNQ | KF7F |
| N3RW | WA3RHW | HL4GAV | K7FEL | LA6OP |
| OM7CA | WA4MIT | IK8UHA | K9TF | N5PA |
| PY2FN | WA5LFD | JN1NOP | KC4AA | N6BM |
| PY3VB | WB4DNL | K1UU | KE4S | NX2X |
| VE1OP | | K2KA | LU2AH | OM8FR |
| W7AV | 275 | K4IE | N4IQ | PA3BWD |
| W8CD | 6K5YIA | K6EME | OE2BZL | RU0SN |
| WA5NOM | CT1BOY | K8AO | PT7DX | W6RFF |
| WA5UA | DS4NPL | KK9T | TA1CM | |
| WA6JA | HB9RYZ | KM7R | W2WC | 268 |
| WE2N | I4FTU | N2NW | W4UAT | EA2AAZ |
| WS5W | I7PXV | N6VS | W9DX | G4VMX |
| ZS1J | JH0NOS | N9XX | WB8B | HB9IIO |
| | JL1OEC | PY2WC | WB8CQV | I0OSI |
| 277 | K0QB | RA3LAL | WZ8T | IZ1JLG |
| BH4QYX | K0SQ | RL3AA | | IZ8MBW |
| DL9FCY | N4ENE | S54A | 270 | JA1PVX |
| DM2RM | N5BO | UN9L | AE4CW | JA5DBE |
| G3WPH | NA5Z | W0ZT | E73W | JA7FAS |
| JF1LMB | PC3T | W6ZPL | F6HLC | JH6DUL |
| K2OGD | SA0AQT | W7JY* | JA4CZM | JH8UQJ |
| K6UNE | SM7BHH | W8TE | JA4RED | JL3DGI |
| KR8T | SV2DCD | | JG8NKJ | JR2TQG |
| LY1G | W1AW | 272 | JH1DTX | KC9G |
| N4PGL* | W1GQ | 9A1AD | K4TXJ | OH1HAQ |
| N8AYY | W5FL | CT1BWU | K4VNY | OZ1HPS |
| OH2IS | WA4DOU | IV3AVQ | K9JU | SM7IUN |
| SP7QHR | WB5ZAM | IZ5YHD | KJ7M | W3KHQ |
| WC0W | | JA0KJE | KN7Y | WB2KSK |
| WN9O | 274 | JA6AVT | N8VV | WC3W |
| YB2TX | 9K2NO | JF1WLK | N9QQK | XE2X |
| | AA9RR | JO1LVZ | NN6K | |

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|------------|------------|------------|------------|------------|
| 267 | KD0AA | SM5CBM | IZ0NRG | N6GP |
| 7K3QPL | N3ME* | SM6CLU | JA8XQI | N6MB |
| AK1N* | N3ND | SV1FKZ | JE2EBT | N7UJJ |
| DS3EXX | N4XYZ | W8PI | JR2TRI | N8GP |
| JA1JYE | N6NU | W9UM | K0OK | RD3BD |
| JH1SBE | N6ZN | WB1DX | K4JWA | SA3CAT |
| JH8NQV | N9BVA | WB6BFG | KG9Z | SM5ELV |
| JI1VVB | PY2FZ | | KI7HO | UN3G |
| JI1WLL | SP6EY | 262 | N1BY | VU2IBI |
| JR1IZM | W3FOX | AA0MZ | N1MD | W6OPO |
| KK0DX | W7HUY | AA8M | N3QE | YO4AUL |
| KK1W | W8GNM | AC9EM | N4HN | |
| KL0S | | DS5XEH | N6DHZ | 257 |
| LB6KC | 264 | EI9FVB | N6IBP | AE5B |
| N2WLG | AK6I | HA5PT | NA2M | BX5AA |
| N7WS | DL8OH | IK0CHU | VA2IG | DL7UGO |
| PY2RO | DO2UDX | JA1FJJ | VE7UF | G4FKA |
| RA0BA | EA1BLA | JE1CTA | W1OPD | IU8HEP |
| SM2HWG | HB9CQL | JG1SWM | W2PS | IZ0BTV |
| UR3EO | I0LYO | K0DD | YB0AZ | JA4IYL |
| W5UHQ | IK2QPO | K2SD | | K2RU |
| W8UV | JA1MOH | K2WJ | 259 | K4EB |
| W9JJB | JA3AVO | K4YJ | G4ZWY | K8ESQ |
| WC4H | JA3EEM | K8YE | GM0VRP | KA9OKH |
| | JL3OUW | KD1F | HI3Y | KB4MRX |
| 266 | K7HC | KE8G | JA3NHL | KM5VI |
| AA4DD | K9OW | KU4BP | JA7HRM | M0CSD |
| HI3T | KL7TC | SM2DMU | JH0OXS | N6JM |
| IK3SWB | N3KS | SV8RX | K3OX | N8NA |
| IT9JPS | NY2NY | W7IV | K5EWJ | VE6SV |
| JA0ED | ON6ZV | WV4TN | KB9DAK | W1GY |
| JI8PDC | W5DNT | YC0QR | KE1B | W3WST |
| K0VSH | W6DR | | KU9S | W4HZ |
| K4MIJ | WA9JWL | 261 | NH6T/W4 | W8SAX |
| K7VC | WS1L | 7K1CPT | PA2TMS | W9IM |
| KB5UNX | YB3MM | CT1ESO | SP5APW | WA5YOM |
| KK5OQ | | DL1QQ | UN7BY | WA5YON |
| KV4T | 263 | DL4FDM | W6HYI | WP3R |
| LX2SM | AC4TO | HB9MFM | WA4MME | WQ5R |
| NA6MG | DK6OR | JE1LPZ | WA6KHK | WX2K |
| NX8Y | DL7UPN | JH7BKN | WD9Q | |
| WB2ZAB | EW1P | JR2PAU | YO3AIS | 256 |
| WS9V | HB9BUN | K0EOO | | CT3CD |
| YL2TW | JA0KJD | K2CYE | 258 | HI8RD |
| | JA1DCK | K7JH | AA7X | IT9GSF |
| 265 | JK2VOC | K7LY | AH2O | IW3GJF |
| DS4AOW | K2DC | NA2AA | DL8AAV | JM3GXU |
| IK3GBG | K3XC | W0FG | F5JSD | K1RH |
| IK7FPV | K8EAB | W0OVM | JA0DWY | K4CGY |
| IK7YZG | KB1W | W1ZS | JA2ODB | KG5VK |
| IZ8EKL | KB6CIO | W2/CT1GIF | K1AJ | KP4DKE |
| JA1IAZ | KI4DLS | W8HMK | K3SX | KS4YT |
| JK1MZT | KK9H | | K7KJ | N4ANV |
| JL1GYZ | KP3V* | 260 | KJ7TEA | NA2P |
| K0IL | N6MXU | DL2NOM | LU1FM | NJ3K |
| K2BLA | OZ0J | DL5KUA | N4TOL | OE1ALW |
| K3GT | PY2GM | G4XEE | N6EM | VE3SKX |

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|------------|------------|------------|------------|------------|
| W0MU | JF6XQJ | KF7NN | JN4FNZ | 245 |
| W2FKF | JH5HDA | KR4BD | K4YYL | AG7N |
| W6WA | JR2PZX | N7ELL | K5TU | CU3EQ |
| W7BQ | K1DJ | OE6CLD | K8SIA | HA5BSW |
| W7TUS | K1TWF | PT7YV | KD6FW | HB9DQV |
| WB4KTF | K2PF* | SV2BXA | KI4TZ | HL4XM |
| WN7J | K4AR | SV8DOU | KN4FO | JF1MTV |
| ZS2Y | LZ2ZG | WX2U | N6ER | JL1VWL |
| ZS6IR | N2GZ | | N7ZA | KC4HN |
| 255 | N2ZZ | 250 | NO9E | KM2O |
| 7L4VYK | NA9Q | AK3E | PT2CSM | LA9GX |
| AA6RR | NC7M | DJ3XG | SM5AOG | N0AMI |
| CE3FZ | OZ7FOC | DL7UIO | V51B | N5QS |
| DK4TP | SM2EJE | EA5RU | W2EQ | N6VNI |
| EW3CW | SM7GIB | I1YDT | W3ABT | NX1P |
| F6KOP | UR4IOR | IK8OZV | WA3GNW | PA1NHZ |
| GU4YOX | VE1JF | JA1IFD | WB4GLI | SM7DXQ |
| IZ5EBL | VE2BWL | JA1QOQ | WS4H | W2OR |
| JA3FHL | VK4CAG | JA2ACI | XE1R | |
| JH1DGJ | W2DXE | JA2HGF | | 244 |
| K9QJ | W5DM | JA3MIO | | AC5AA |
| KB2XJ | XE1EE | JA7ZP | 247 | AG4Q |
| KE5FXE | 252 | JF2VAX | F5AQB | CT1ETE |
| KE6V | AB0RX | KD2GC | IK4TVP | HB9BNQ |
| KK9M | AD5WB | KF4VTT | JH3LCU | I7LGM |
| N1NU | DL9GTB | KK4OW | JS6TWW | I8YAV |
| N6PM | HB9DRS | KQ4EE | K0HQW | JA0EVI |
| W0DD | HL2ZN | KW9U | K0OE | JA1CPS |
| W1NA | IZ5FSA | LZ2HM | K2EK | JH1LAH |
| W8UQ | JH7WNV | N5WNG | K9JE* | JJ1LID |
| WA1ZIC | K3BZ | N8WD | KF2OG | K1KU* |
| ZS6NJ | K7WK | PS8ACL | KX4TT | K3NF |
| 254 | K8QKY | RA3QUA | N8AGU | K5RKS |
| CX2CC | KD4SN | SV1BYI | NA4EA | K6IRA |
| DK5RL | N9AKR | 249 | RN3QO | K6GT |
| JA9LX | NE5S | AD6ZJ | W7CP | K8GT |
| JH3MHI | NG7M | DG5LAC | W8BI | KI7M |
| JL6USD | VK3BDX | E70T | WA5CMI* | KZ1W |
| JR6GHN | W5RDW | HB9ESS | | N2RJ |
| K6IPV | W6SFK | JL3RNZ | 246 | N4OA |
| KF8HR | W9KVR | K6TAR | AA3TH | W2PP |
| N1WON | XE1H | N7TM | HB9EBM | W6HB |
| N6KK | 251 | RD9M | HL4RBR | W9CSX |
| NR4M | AB2E | VE6TL | JG2NXV | WB0O |
| W5THT | AC9O | WK4Y* | JG3NKP | |
| WD6T | EI4CF | WW4LL | JJ1QUV | 243 |
| WE1P | G8AJM | WY6N | K0HD | AA4LR |
| WV2I | IW0BYL | 248 | K3FM | AC6BW |
| XE2B | JA1PBV | AG1A | K6GFJ | G1VDP |
| 253 | JA3PRM | EA3CWK | K6JAT* | HB9DOT |
| EI2HY | JA5XPD | HL2DBP | K6XJ | IW7DVM |
| G4FAL | JH1ERJ | IK3DVY | SP5ELW | IZ4BBF |
| GM4YMM | JT1CO | JG4OOU | W3TZ | JA0CVC |
| JA1NLX | KE5MMT | JH0BQX | W9GM | JH7IQQ |
| | KE5TD | JJ2PIK | WB1EAZ | JR7ILA |
| | | | WB2AA | JR7MAZ |
| | | | | K2MK |
| | | | | K7AWB |

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|------------|------------|------------|------------|------------|
| KA1J | KJ7NO | VR2XLN | 236 | W1OP |
| KB9S | N9AVY | W4GP | 4X6KJ | W1XV |
| KM4NS | PB9FN | W5WS | AG6HE | W3OD |
| KW4J | SM5BNK | WD8KND | EA7AN | W4DVG |
| KY5I | W3TC | | EC7B | W5RYA |
| N4QWZ | W4KVS | 238 | G3VQO | |
| NS3L | W9GE | AJ8B | HK6P | 233 |
| UA9AGX | WB5NHL | DL5KUT | IW9DNI | AF3X |
| VK3KE | WU2G | I8LWL | JA1VRY | BV1EK |
| W1MR | YB0MWM | JA2OLJ | JA5CUX | G4XRV |
| W2TX | YB0NFL | JH6WMJ | JA7JPZ | JA3DLE |
| W4REX | YV5LI | JP1LVI | JE2ILG | JE4MHL |
| W6NK | ZS2I | JR3VMJ | JF2QNM | JH2VVH |
| W7SX | | K7QYY | K5GM | K0XR |
| W8BLA | 240 | KL7HBK | N4BAF | K2QB |
| WA2VQV | EI2JD | LA5SJA | TZ4AM | K4SX |
| YB1TJ | IV3BSF | LA8CJ | VE3UTT | K4YP |
| | JA1VYW | N3NO | W1DYJ | K8CMR |
| 242 | JH7HJL | N5WA | WE4S | KK8MM |
| AD4AA | JQ1YIW | ON6KE | XE3E | NA1DX |
| DF2QC | K7CMZ | W1LY | | NA6O |
| F4CPF | K8GWU | W3US | 235 | NA8W |
| GW4TSG | KN7D | W5YM | AK5Q | NK7C |
| K4GO | MU0FAL | W6JZ | EA4DEI | VE6SH |
| K4WZ | N0STL | WA7HQD | EA4S | VK5GR |
| KG8CW | N3KR | XE1FAS | JA1UOA | VR2MY |
| KL7TS | N3RR | XE1YD | JH1FRW | W0IKD |
| M0IKW | N4DWK | | JL4BSE | W5EC |
| N3AO | N7GCO | 237 | K3SW | W5FPT |
| N4MIK | R9MJ | AC4VM | K5CD | W6HDG |
| N6XT | SK0QO | DK6BT | KB1HY | W8LMG |
| ND3F | SP5LKJ | DL2JIM | KT2C | WA8RCK |
| UA9FFV | VK6LC | DS2LGK | KW1DX | WT9U |
| V51YJ | W9LQI | JA4MMO | R0QA | YB0MZI |
| W4GE | WA6G | JA6CMQ | VA2LC | |
| W6BK | | JE3OUW | W4UEF | 232 |
| W7IB | 239 | JP7FSO | W9GIG | AA7XT |
| W7QHE | CT1BNW | JR0RBY | W9ROG | AB5YI |
| W9QO | EA4EPY | K0VM | WA0WWW | AC0W |
| WB0ULX | HB9EFK | K8KI | WB0N | AG5Z |
| WB6AXD | IK8GJR | KE3X | XE1L | IK7YCE |
| WX0Z | IZ8FTW | LB5WB | YB2VTO | JA0MRW |
| | JA1BON | LX1KC | | JA3ARM |
| 241 | JA7GZM | N5KAE | 234 | JA5ALE |
| 7Z1SJ | JE4WSA | N7BD | AH0U | JA6DJD |
| DH0GSU | K1JD | OE3KLU | DJ9KV | JA6ENL |
| JA1FVS | KA7CVJ | OT1A | F6DHI | K1ROA |
| JE2VYM | KD2T | PY3SB | GM0NAI | K8YAH* |
| JG3RWX | KE1VT | SP5MXZ | IU0LFQ | NK9O |
| JJ1KXB | KU4XO | VE1VOX | JL3SIK | NR0T |
| K0SRL | KY6R | W1FA | K0KP | R4FAN |
| K2CS | MU0GSY | W4PG | K4RWP | SM7AWQ |
| K2HAT | N6PAT | W6AER | K8ZT/QRP | UA4PK |
| K3NQ | N7QT | W6CN | N1ZJ | VK3NX |
| KA5VFU | NA4CW | ZL1ANJ | NM1G | W0YK |
| KF0RQ | SP7ICE | | PT7CB | W4AO |
| KG4JSZ | SV2CLJ | | W0BM | W4TE |

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|------------|------------|------------|------------|------------|
| WA4YYM | G0BBB | N6VH | N3HYB | W4MA |
| WA5KBH | IZ0COI | NS7K | N3XM | W5HY |
| WA8A | IZ0GYP | RN3CT | N4LZ | WB8YTZ |
| ZL3TE | IZ6ERS | VE4GV | N6DVR | WB9MSM |
| 231 | JK1EBA | W6GJB | N6NG | WF1H |
| CT1HHP | K3IXD | W6PH | PY5VC | 222 |
| DM5JBN | KB1DMX | W7BJN | PY8WW | 4X4MF |
| EA1AZ | KB9AIT | W7IUO | UA2CZ | CT3DZ |
| G3WW | KC6JAM | WR7Q | UA9MC | CT3EE* |
| HB9FBM | KI2Y | 226 | VA3IC | DK8IZ |
| JE3PCP | KR0O | AE9DX | W1PY | DL6UNF |
| JP1LRT | N8HRZ | AF6PK | W6PG | G8APB |
| JR3ADB | NV4A | E74A | WB9IWN | JA1KXQ |
| K2RET | SM5CCT | G3LAS* | WV8DX | JE7KCI |
| K4KAL | W0JW | G4AFJ | YT7T | JH1CTV |
| K6ASK | W3IZ | G7SSE | 224 | K6EGF |
| KK7YC | W5AP | HL1VAU | 7J1ABD | KB5HC |
| NA5S | W5MF | HL4GHT | 9K2BM | KB7V |
| UA4PT | WQ1H | I2YPY | AC6DD | KD0S |
| VE3TKI | ZS6C* | IV3KCB | EA1P | KM9E |
| W1ASB | 228 | JA3BKP | HB9DVZ | LU2JCW |
| W4UDH | DS1CPT | JH0KWZ | IZ1JLN | LX1CW |
| W5XU | EA5XV | K0MFI | IZ4VSD | N0IW |
| YB4IR | G3PSM | K4JKB | JA7JM | N1CC* |
| ZL1ANH | G4AYU | KD2SC | JF1KML | N3DV |
| 230 | IZ0CKJ | KF9AF | JI3MJK | N5BA |
| 7J1ADJ | IZ7EVZ | KV4AA | K0UBR | N5TF |
| AC0B | JA1ITJ | KV4FZ* | K1BZ | N8IL |
| AD5MD | JA8ALB | N4AOE | K5JMB | OH7TV |
| EA7LL | JR6LDE | N5GO | KB5YN | OM2AGN |
| F1RAF | K0LU | N9JR | KU1T | RL3BZ |
| G6NHU | K0TV | NZ5O | ND3L | VU2LBW |
| JA2AXB | K4IU | NZ9Z* | OZ3SM | W4ATM |
| K1TN | KD2OV | OE3JAG | RA9SC | W7RN |
| K3HW | KG5EG | RC2A | SM0NUE | ZS1DX |
| K4KGG | KX1A* | UA1OM | W1OK | 221 |
| KH6XT | N3KV | W1MJB | W5SJ | A65BD |
| NV4B | NN5E | W4GH | W5SV | AA2KD |
| W1NT | PY2ADR | W4NBS | WA3WZR | AB5GU |
| W5IO | SM0BYD | W4PGC | 223 | IK0WRB |
| W5RF | W0QC | W6MVV | 8P6SH | JA8ANQ |
| W5WI | W5JMW | W7VAS | 9H1EJ | JG2LGM |
| W8LIG | WQ5N | W9MR | DL1SVA | JG3KLF |
| WA4NUF | 227 | WA4USA | EI6IZ | K5VR |
| WA7BNG | EI3IO | YB2DX | FG4NO | K8EB |
| WB1S | F4GVO | 225 | HK3PJ | KD8MQY |
| WB5STU | HL4CCM | AA5N | IT9ABN | KO4XI |
| WB9PNU | I4JED | BH4IGO | IT9ODQ | LA1CO |
| XE1ILI | K2OP | DL6DCD | IZ5MOQ | N2MEE |
| XE2AU | K5DCW | DS4GKF | JE0EHE | PF1MO |
| 229 | K5EWS | E20YLM | K1JE | VE5EL |
| DL5JS | K7LAZ | EA4D | K1TKL | W0JMP |
| DL6LIM | K8LBT | JA8JOZ | KN7K | W8YV |
| DS5WQT | K8VD | K3WGR | LA2GH | WD8PKF |
| | KC2SST | K9GY | W4CCS | WG0M |

220
7N4OBV
AB4GE
E77S
EA2RY
EA5ZR
HL5BJU
IK4NZD
JA2KGQ
JJ1BDX
JM7TKK
K0MP
K2TER
K6KZM
K8MRT
K9QA
KB4CRT
KE5BR
KR0P
OE1JIS
WA1F
WA3FRP

219
DS3BGI
DS4DRE
DU1IVT
G3LOJ
IK0XIH
IK2ULM
IW5AOT
JH0IEW
JH1RVQ
JI1BJB
JR0GXA
K8ARY
KB5CSQ
KG4CUY
KJ4UZU
KK4CB
KN4JX
KU2A
KW4CQ
N7PIB
W4WFC
W8FIB
WB4CW
XE1MW

218
DK3UA
EI8GS
HB9HVG
I5FLN
IK1UGX
JA3AOP
JE7RJS

JP1GUW
KB0IKW
KI4WCQ
KT5V
LA2LI
LT1F
M3DFW
N0SL
N2RD
N2ZA
N9DR
W1RH
W3KHZ
W7VS
W8WT
WB7QXU

217
3A2MW
AE5L
EA1AA
IK2RGT
JA1MOD
JH2NWP
JI1BHO
JJ1VGA
K0QQ
K3XO
K5UZ
K8CC
N9RD
TF5B
VK5CE
VR2XYL
W2NY
W3BNN
W5GN
W6FL
WC0M
WC2K
WY7FD

216
AD3C
DJ7JC
DK3BK
EA4E
HB9AGO
HB9BEM
HB9PUE
HL3EFM
JA7QQQ
JA8EIA
JR4CZM
K1FE
K6FAF
KA4LBD

KF8PD
KF9UG
KJ9B
N2KI
NI5F
PR7AB
RN0C
SQ7FPH
UA9AEU
UT7KF
W4AEJ
W5BK
WO5I
YB2TS

215
AF8C
AG0A
DH3KM
IK0WMJ
JA4EVN
JI1SAI
K0COM
K0IO
KB2FCV
KI9A
KJ6Y
N0CKC
N0HJZ
N5GJ
NT6AA
PP7LL
TA1AL
TF8GX
W1LE
W4ASE
W4TTY
W5VU
W7VV
WA3SKQ
WA5NFC
WB9M
WM5DX
WQ7A
WQ8T
YB1TQL
ZL3PAH

214
EA8TK
ER0FEO
HB0WR
JA4CSJ
JA5RVN
JP1EWY
K0HB
K6VWE

KI6PG
KJ4YLO
N0YO
NI7F
NZ7Q
R3BB
SP9NLI
W3DIY
WA8Y

213
AB7RW
GM0VIT
JA4SSM
JF3VEC
JH0AUY
JH8MZF
JL7SNM
K2CYS
K3VAR
K4OY
KE4KMG
N0TK
N3PS
NB3R
NU4B
SM6WET
W2UB
W3BYX
W4GHD
W7NP
W9MO

212
6K5AQY
DL4DW
EA4EJP
EA5GXI
IK4DCW
IZ0FUW
JA5MOO
JA7EU
JA9APM
JG1GJH
JH1RNX
K3MSB
K7VL
K9YZ
N4LV
PY2AB
PY2RN
VE7VZ
W5TFW
W6SIY
WB7BBQ
WI7P
YO3IPR

211
EA6AZ
IT9AAI
IU4CHE
IZ6GSP
JA1DIO
JH6CDI
JM1ESG
JN4ASA
JP3OIK
JQ1PCX
K1ZJA
K7QBO
N5KUC
N8NB
N9IXD
N9LEO
PY2CP
SP7CVW
W3JXP
W4GV
W4PV
W6RJM
W7BC
W8FAX
W9AMX
WA2BOT
WK8A
WM4AA
YB0DJ

210
AA4FU
AA8SW
DF8FT
EA5HM
EI4BZ
F4GDI
HB9DMQ
HB9VAB
JH7WQX
K4GN
K5HK
KB0V
KB2ZPB
LA9VBA
N1AC
N9IO
OE1HHB
VA3HP
VE2ACP
VE3FRR
W1GF
W4UT
WA6URY
WB2HJV
YB0EIN

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|------------|------------|------------|------------|------------|
| YB1AYO | 207 | AA4OC | JE3TAT | JA1CC |
| 209 | 7K3BKZ | EA5BZS | JF1KIG | JA2BUR |
| AA4A | AA3K | HL0CAC | JF2TOG | JA7FVA |
| AG5CN | AB6CF | IZ7GIT | JO3WHB | JF7RJM |
| EI1DG | CT1EGW | JA3TC | JP1WFI | JH0LME |
| EI9E | D2UY | JA4FKO | K0ABC | JH6RTO |
| HK1X | GM3WIL | JA5SEY | K0YL | JI1OWY |
| IK2GOQ | HB9BMY | K0FD | K5NV | K1VI |
| JR1EYB | JQ6DAC | K2JK | N4PYI | K3VPZ |
| K0BRO | K0GEO | K3GO | N4ZY* | K5AUP |
| KH6CQH | K0LB | K4FK | R9JX | K5LLA |
| KK4XL | K1EO | KD4QMY | SV8LMQ | K6VVK |
| KR0I | KF6A | KG8DP | UA0SC | K7PT |
| LU4FW | N3JM | KK4CLY | VK2AAH | KB7QFE |
| N6VI | N3PW | KW2J | W0ZX | KI2D |
| N7JB | NJ6K | N0ABE | W8MIL | N1DC |
| NU0Q | SP5ZCC | N4ST | WA7HR | N7JXS |
| SM0NZZ | W2RDS | NJ7G | WB4SON | NI8Z |
| SM5FQQ | W4DFU | NW6V | YO3DDZ | PY2OA |
| SV3RKM | W5LO | PA2SWL | 202 | RA3CO |
| W4DN | W5RAE | W4HOG | AA4UC | SV1XV |
| W4DTA | W7BV | WR2G | DL8DWL | VE2HJ |
| W4NE | W8JA | ZS1EL | DL9NDV | VK3TC |
| W4WN | WA2DNI | 204 | EA1WH | VR2CH |
| W6BBS | WA3GM | AC2G | F4DSE | W1WEF |
| W7CD | WC2C | CU3BL | G4SGX | 200 |
| YB1RUS | WJ7R | DK3TL | JA9IWR | 4F3BZ |
| 208 | WS7I | EA2AFV | JE4RAL | 9AY2K |
| A92AA | YO5OEF | EI7JZ | JJ1JMZ | DL9DRA |
| AL7TC | ZS1C | HB9HBZ | K3BQ | IK2HDF |
| EW4C | ZS6UT | IK2WSO | K8RCT | IW5EIJ |
| G4FTC | 206 | IK5ZAJ | KE1R | JA0EBV |
| GM1BSG | HL5FXP | IZ5GST | KR9A | JA1ASO |
| IK8TEM | IS0EBO | JA0JPD | LB2TG | JA1BPN |
| IV3NVB | JA1SZN | JA4BGK | N9PGG | JA3UOQ |
| JE8KGH | JI1DMH | K3UC | NG0G | JH6WHN |
| JH1HRJ | K0GVT | KO6UW | NW7US | JK1DDG |
| JH3EQP | K5ER | KX9X | W0MF | JP1GVC |
| K0FG | K6SY | KZ2R | W0UY | K0SON |
| K6JJ | K6UXO | N2BSA | W2ARP | K3MI* |
| K6ZP | KA1O | NC2Y | W8DN | K4VX |
| N5DRV | KB9BJV | UA9CIM | WA1FXK | KU4V |
| PY4AZ | KD3HN | UN7BK | WF8R | M0HIH |
| S51DD | KE4BKL | VE3VHH | YO3HOT | N4MI |
| SM5AFU | KF8VX | W9MAK | YV4DYJ | OK2FB |
| SV1IZY | KV7N | WA8IHI | 201 | SM3PHM |
| W1FM | N5JC | WY1G | AA3AZ | VU3CAU |
| W1WTG | N7TP | 203 | AA5SH | W4GKR |
| W4TUN | VA1SEA | 7M2MIK | EA1WS | W4LEW |
| W5UQ | W0GWK | 9A1A | ES2IPA | W7VP |
| W5WZ | W3WH | AK9B | EW4A | WD8EOL |
| W6DRB | WA1NXC | AL7R | HA5AWT | WK9U |
| WV9L | WB8BZK | DD3KF | HB9ODP | 199 |
| YD9UW | 205 | HB9JNM | IZ4AIB | A61BK |
| | 7Z1CQ | IZ1UKF | JA1BUQ | AB5RM |

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|------------|------------|------------|------------|------------|
| EA5DKU | K8CQ* | SM0EUI | 192 | K0NV |
| EI4HH | KG2V | VE3YXO | AC4BT | K4DET |
| F4FLF | KT8D | W4SUL | DL2RD | K5LY |
| HB9EXQ | LA2IR | WC2L | DS2GOO | K6BR |
| IW9FRB | N4HL | WW8RT | E70A | K8KY |
| IZ3XEF | N4UFP | XE1RCS | F4WDL | K8WHA |
| JF8LPB | N5HC | | JE1PHH | KB4KBS |
| K1UM | NN8L | 194 | JH3PRR | KZ1X |
| K4RP | NP2N | 7N4SQJ | JM3XZC | N3AIU |
| K6WSC | W2OSR | A71EM | JR0QFA | N6JOJ |
| K9BO | W3EF | AA5NT | K4JPD | TF3VS |
| KB4FB | W6OZI | AA9WO | K5VG | W3EP |
| N6OKU | WM5H | DF2WF | KG6WIK | W4DWS |
| N7TW | | DL5PW | KS5Z | W5SUM |
| OH2LHE | 196 | EA7LS | LU9DO | WX7B |
| OH3FVP | AF6O | HL0EXN | LZ1MDU | |
| W6FI | AI4QQ | IK6CGO | N0RQ | 189 |
| W9WO | DL9ABM | IW0EFA | N5MI | 7N3IJT |
| WO6T | G0DRM | JA1CCH | N5UE | EA2AA |
| | I8NLC | JH0WYT | N6MA | GM7NZI |
| 198 | JA5CDL | JH1RMH | N8NH | HL1OYF |
| AD0TR | K0PX | K4VUD | N9OY | I6TIH |
| DS5AAQ | K8POM | N8KM | NU4I | IK5QPS |
| JA4DNC | K9WMS | NE5W | NZ0O | JA1EYN |
| JS6SCC | KM4VI | NT9F | OD5YA | KK5J |
| K5XS | KM8AM | RX3BP | PY2LSM | KO1H |
| K5ZO | LA4JGA | VE3GFN | W4CMM | KX5V |
| K9IA | N0BK | VO1XC | W7GSV | N8WXQ |
| KA5IAU | N0OB | WA6TQT | W8WD | SP5NON |
| KD4POJ | N1SZ | WM9Q | WB2KSP | VR2PX |
| KK7BR | N4MEC | | WD5BJT | VU3NXI |
| LA2XPA | N6AA | 193 | | W5MJ |
| N2ZL | N8KOJ | 7M4CLF | 191 | W5TMC |
| N7KDT | NZ5F | A71AM | CU3HN | W7LEA |
| ND9M | PY5HSD | DL4IW | JA1IAW | W7LEB |
| NF7D | R3LC | EI6JK | JI5WDC | WA0WOF |
| NR2D | VA3NXM | HP2NG | JK1JAS | WA8COB |
| W4GHW | VE2WY | IU8IYE | JR4VEV | |
| WV4V | VE3MF | JA4DLF | K0YY | 188 |
| | W0PE | JE7ART | K4SAF | DS5BRE |
| 197 | W1RG | JG1JPE | K4WFM | G4YCS |
| AA0BH | W8TM | JN1RKE | K6QU | HB9GWJ |
| DL7JRD | WA9BZW | K1LTJ | KI3O | HK6K |
| EA3HDZ | WD1X | K3CWF | KX2B | HZ1GW |
| EI6AL | WO5D | KM4HQE | NS4X | IK5FUZ |
| G3YBY | ZP6CW | KS4Q | NY1V | JA3VUI |
| G4UZG | | LA1J | TA1L | JA7MWC |
| HB9DVO | 195 | N6WT | UA3DUJ | JF2DST |
| IC8XIL | DS4DBF | OH6BG | VE3CWP | JJ8UTK |
| IV3FFI | EA1AHA | TG9AJR | W1USN | JP1GLV |
| IZ5BYJ | HL5UOG | W4CIR | WR4AP | K6DJ |
| JA0AVS | JE2FJI | W4PJW | WW6G | K7YZO |
| JA1PRV | K1QQ | W4RQ | | NX3A |
| JE3FOR | K2GLS | WR2V | 190 | VE1DUN |
| JR1CAD | KZ5DX | WT2P | CU2CE | W7OLY |
| K2HT | N9VD | | JA0HC | W7YED |
| K4RDU | PV8DX | | JJ1IRS | W8WV |

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|------------|------------|------------|------------|------------|
| WA2VKS | K1ZO | N2IFA | K2CDJ | DL6NW |
| WG0G | K2UT | N4JED | K4TOR | DM3CW |
| WQ5T | K5PQ | NS6E | KF5WCP | HL1MKT |
| WW0E | KB0EL | TA2AD | KI6MQX | JA0BES |
| WW5RC | KB7AZ | VE7BC | KS4WA | JK2IZR |
| 187 | N0VVV | VU2ABS | KW7XX | K1DPB |
| DK7SL | NK5O | VU3WEW | LA7EIA | K4EZY |
| EI5KO | NM2A | W4QH | LA8PDA | K5AX |
| IK8IPL | NN3V | W4WB | OZ9XU | K7LFY |
| JA2CPD | NS4F | W7JET | VE2GHZ | K9UWY |
| J18HPN | OR4K | WD9FLI | VK4BUI | KF2ZQ |
| K4ZNC | W0TK | YB1BML | VU2NXM | MM0DXH |
| K8ROK | W3AT | 182 | VU2SWS | N1YX |
| KF8N* | W6VRK | DS5QLJ | W1DXH | N3PPH |
| KP4N | ZP9MCE | EA4OR | WA5YNB | N4ASX |
| N6MM | ZS6RJ | JE2SOY | WA6WGS | N4GBK |
| N7RQ | 184 | JK2AQT | WB6RAB | N4QVM |
| PT2BW | AE9YL | JR3PKO | WT5L | N4WOT |
| PY3OG | CU2AF | K1XE | 180 | N6RC |
| PY4OG | F5EOT | K2DF | 9J2BS | NN4K |
| W8HB | HB9HIT | K2KIB | AB9KZ | OV5O |
| ZL2AO | I4UUL | K6LPO | AD9DX | PY3IT |
| 186 | JA1BIV | K9BQL | EA2AGV | SV7CUD |
| 4Z1WF | K2RB | KA1API | HB9DKV | VE3KKB |
| AA7UN | K6AHG | N2XQM | IK2WPO | VU2MSA |
| DJ3GW | K6WY | N5WYR | IK4RQJ | W1JK |
| DL1ZBO | K8YF | PT2ND | IK8DUI | W3DQS |
| DL2VWR | KB9LIE | TF4M | JE1BJP | W4WNT |
| DL3ANK | KR4U | UA9AM | JF3KOA | WA8EFK |
| HB9TQL | N3CZJ | VA3EJN | JH1BHW | WB8EKG |
| HS1JZT | N4UP | W3RMS | JJ1VFE | WB9ZNZ |
| JK1OTP | N6GY | W6IS | JR0MVH | WT3Q |
| JS6QOM | N9AZZ | W6NT | JR1AHP | 178 |
| K0JJR | ND7K | WA6QGH | K9TRV | DJ5DT |
| K6GCN | NE3K | YC0BJJ | K9UO | G3XLF |
| K7PO | RA3SD | ZL3RJ | KM4LS | HL4GIK |
| KB3IFH | SP3S | 181 | KR7D | HS8KAY |
| N1RM | WB9W | AD4RE | KX1G | I8HAK |
| N7WI | WD1M | AD7L | LB7ZG | IZ4COT |
| TF2LL | WK1Q | AI2S | N2RR | JA2LMY |
| W6JWK | ZS5LEE | DS3CPL | NN6CH | JA7DPC |
| W8QXR | 183 | EA5KA | SM7GXR | JK6MXY |
| WA3V | AA4EA | EI6FM | W0GXA | K3ZK |
| WA9MAG | AA5H | G0HSA | W4IDX | K4FW |
| WY4I | EA3HPX | G8GHD | W4JDS | K4ODL |
| 185 | EI5JL | HB9FAX | W6NUC | K10KN |
| 7K1LUE | G0FWX | HL4HLD | W7DRM | N0AX |
| AA8KY | JA4IU | JA2KPW | W7QC* | N0LD |
| EA2BFM | JN1RFY | JA7MAD | WA9IVH | N0LGU* |
| IU0ICA | K4AU | JA8WGX | WB3JNC | N6DW |
| JE1COB | K7PTC | JJ1HLL | YB1AQD | N9MSG |
| JJ0LZQ | KA5OWI | JL3CRS | 179 | NC6RJ |
| JP2AEA | KB2S | JQ1CJF | CT3KY | NO0B |
| K1YQ | KB7AK | JR1QLM | DF5BX | OM6CI |
| | KI7O | JR4DHK | DL6FCB | VE2AXO |
| | | | | W4DSM |

| | | | | |
|------------|------------|------------|------------|------------|
| W6OU | KM4A | K1JKR | RT2O | N6NKT |
| XE1GZU | N3COB | K4JUJ | SA3ARL | W4SKW |
| 177 | N4QM | K4OP | VK4ZP | W6VIO |
| AA4RX | UA4Q | K5GZR | VU2MUD | WA7IHN |
| AB4FH | W8MSP* | K7QA | VU3DJQ | WB5KSD |
| AC0DQ | YO8PS | KR7X | W6QO | XE1ZW |
| G4DDL | 175 | N4QOG | WA8LRW | YY4DNN |
| HB9DTE | 7J1YAD | N4WD | WA9DU | 168 |
| HL5NBM | AC9X | N5QQ | WB8RFB | 6K5REL |
| HL5YI | DK2GP | ON6LY | WB9B | AD5W |
| IU4AZC | IK5BSC | OV2B | WU1U | BD4SX |
| IV3EHH | JR9XRO | UA3EAY | 170 | EA3NG |
| J68HZ | K4RM | WA2IKL | AI6A | HB9HHH |
| JA3TYB | KC1ERO | YB9BU | DL1SWN | HL1ORP |
| JA6SUY | N0TA | YC6JRT | DS4BHW | IK2BBU |
| K2JGL | N2ADE* | 172 | FM5FJ | IZ0RPS |
| K4KSV | PY2FUL | 9H1AE | IK6BMU | JE7KQU |
| K9AQ | PY5DK | DL5ZB | JA6GIJ | JH2QFY |
| KA1VT | W4BH | DS4CNB | JE6UWU | JK1AKA |
| KJ8N | W6ZL | EI9HX | K6ME | JN3XEZ |
| LA4C | WA2ALY | IZ2EWR | KJ4EX | K4LCP |
| N4SV | XE1NW | JA1RRA | KK5ID | K8ZH |
| N7UG | XE1V | JA7NUM | KO9V | KS2G |
| NA0N | 174 | JE0HUR | N1HO | KW1X |
| V31MD | AE0Q | JE1BMJ | N6AJR | KX7YT |
| W1HQ | DL2AMD | K1GND | N6NBB | M0NGN |
| W2PSU | G14OWA | K5PBR | SQ6OU* | N4DJ |
| W4ZAO | IK4MHB | KB8NTY | VA3UU | N8JS |
| W5HMK | IK4QJH | N2TC | VE7NY | N9RE |
| WD4IXD | IZ1UKG | N6RVI | VK7ZE | NA5J |
| YB2TJV | JA1PLT | NH6T | W4EJG | SV2DSJ |
| 176 | JA1UBZ | VU2AE | W6FUV | SV4FFL |
| AD0K | JA1UBZ | W4HY | W7KKC | W5TFV |
| AE4M | JM3UAO | W7GTF | W9LX | WB9TFH |
| AJ4IM | K0COP | W8NP | 169 | XE2YWH |
| BG8PA | K0KM | W8ZR | 7K4OIV | 167 |
| CU7AJ | K7DD | WU7X | CT7ANG | AE5LK |
| DJ6DO | K7STO | 171 | DS4GQR | CU2BV |
| DL2IAN | K9DUR | AA9XA | EI7GY | CX1FK |
| DL6ZBN | LP1H | IZ1JIZ | F5HRH | DO5SB |
| EI3CTB | N9NB | JA0GZZ | G1TDN | DS3EXT |
| F6DWX | VK4CC | JG3KMT | G4NBS | EI5GM |
| HB9CPS | VU2XE | K8PGJ | HB9MXY | IK0SHH |
| IK1ZNM | W0MA | K9JDP | JA4PYJ | IK8PGE |
| IT9YOZ | W6DOE | KD1AB | JA9HIZ | IZ0GKB |
| IV3CJT | 173 | KD4CM | JE1RRK | IZ0GVZ |
| IZ2MHT | 5T5PA | KD4EUH | JH0AKV | IZ8DEO |
| IZ3DBA | AD7XG | KN4OK | JH9AUB | K2RNY |
| JA1DGC | AF3K | KU4BL | K0MS | K5RA |
| JF2RSF | AG4TO | N1XL | K2RI | KA1BQP |
| K2ZD | AI6O | N4EK | K5FXB | KX6C |
| K7RAN | DJ4JZ | N8TFD | K7IA | N7VZ |
| K7TQ | IZ0OTV | N9APK | LU5OM | NT5O |
| K8FB | JA1DZN | OH3PYY | N0SFF | ON5EQ |
| KF5BA | K1EDG | PA3ACA | N5OP | PV8ABC |

RM4C
RW4NJ
VU2DED
W2CS
W4PGM
W7FYW
W8PC
WB3AVD

166

7Z1HL
AB1QP
AE4S
AE7U
DD9WL
DJ5IW
EI2II
HL5BUV
JE1GLP
JE7BUH
JO1SIM
K0BOG
K3DFL
K8CR
KB4FXE
KQ4I
LA8ZAA
N4KM
N7FF
ON5GF
SV3KH
W1ZZ
WA2PNI
WA5PFJ
WB6FWS
WD4OHD
ZL2LW

165

7L2PDJ
DS5UCP
G4CWD
G4GEE
HB9ECS
JA0UMV
JS1MRA
K2GW
K7DS
K7HPH
K8TS
K9AAA
K9JIG
N5TU
N7NF
NC7B
NY4G
SM0BSO

VA3XQ
VK2GR
W3MRL
W5AAJ
W9RB
WA1LAD
WB2JFP
WK2H
WP3C
WQ5O
WX3P

164

5P5Q
A92IO
AI8P
DK1NAL
F5VML
G0KJP
IZ0FYW
JA2CKK
JH5CKV
K3PIN
K7ORK
K7WTG
KB5GA
N0UCR
N1ND
N3YZ
N9EA
NH6L
NT5EE
W2MKW
WA6DBC

163

7L2QAD
AC0TP
CT2GZE
DD9WG
DO2MS
DS5JMG
E29TGW
EI6HB
G0THF
HS3LSE
IT9CLU
IW9FRA
JE7MUA
K5KDX
K7GT
K7UPJ
KO0Z
KX7L
LB5GI
N0OP
N9ATF

N9JF
NE1RD
NF4L
R3AQ
SM2YIP
VA3OKG
VR2CO
VU2TMP
W3EH
W4WIV
W6JJW
WA4UWD
WJ1B
WU8T
XE2AD

162

AA6XV
AC7JM
AC7ZG
DS2KLF
DS5KJR
JA2HOL
JF7NNI
J15RPT
K0FJ
K3LA
K5SES
K6UJ
K8CMO
K8FG
K8FT
K8MN
K9AAN
KA8QKY
KC2STA
KD5ZD
KE4YOG
KO4PRE
N3PV
N6EHA
N6GL
N8IK
NJ4V
SV3GLL
UA4HAD
VK5PAS
VR2CC
W1GOU
W2BZY
W3NRJ
W5GML
WA4TMJ
WB5UFR
WF2B
WX4TM

161

AE4VJ
G4WGE
IT9KWF
IW8CGX
JA1PS
JA2AYP
JJ0FTX
JO4JDU
K0AIZ
K0XE
K4HEB
K5WDW
K6WAP
K9IZT
KA4H
KA6T
KB8DID
KC5RR
KI0HA
KK6BT
N2ZR
N6FS
N7ZT
NF4J
NG4C
RW6MBC
TF3JB
W0TLX
W5TUF
WG2Y
WI4R
WJ8Y
ZL4QJ

160

AC7CZ
DM6MA
EA1ET
EA3GCT
EA5HZB
EA7ANV
EI8JX
G0KRL
G0OSK
IZ8LMA
JA1CPN
JH8FIH
K4BNF
K4NTO
K8OS
KB2TGU
N2MFT
N7CQQ
N7YQ
N9OI
NA7RH

NN2D
OZ1BII
RW3QHN
W5SG
W9GFB
WB5P
WF4W

159

AD5CA
DL4ZAB
DL9SAD
DS2AXU
EI4GNB
G3YFE
JG5DHX
JH1AWJ
JK1SPQ
JN7DIY
K0IIR
K3UW
KC1RET
KL7KK
KP4AZ
N3CW
N8MSA
NE6V
NJ1Q
NS1L
NY2L
OZ6TL
PY1NS
SM5BEU
SP3EPG
W0XE
W9MMZ
WU4B
WW5L

158

DL5HU
G8BCG
IU1RLJ
JA7FKW
JL1ANP
JP1PZE
JR1LZK
JR5KQF
K4NI
K6CW
K6EV
N6AKI
N7AU
N8YQX
NC6K
NN5O
OH2CLX

VE3TMG
W5QP*
W6ELI
W7XE
W9DKC
WA9LJK
WB2P
WB4PWZ
WX2CX

157

AA2VG
AE0MO
CT1DMC
JA1BDF
JF2AIJ
JH4GNE
K1QN
K2FJ
KB4KA
KB7DT
KU4A
OH1TSM
SM6WQB
SM7WVZ
SV9FBK
TA1PB
TA3J
UR5EIT
VE7ACN
W0NFL
W2YWC
W4AFB
W7LWI
W7TG
WB2UFF
WC4V
WN7L

156

AC6AA
AC9GK
CT7ABD
JA5IBP
JE2DOD
JE6HCL
JR7FYD
K5ADI
KA4IZN
KC1UX
KC6ZBE
KC8RPV
KD9ZR
KE3VV
KE9UA
KJ4KVC
KN5L

KY0Q
N2SG
N3ER
NG9J
OH7HM
SM1NJC
W3KHG
W9LCQ
WU9D
YB1ALL

155

AC8MR
AE5RI
HA8UT
IZ2CSX
JA2SKB
JA6JYM
JE6PJP
JH1LZU
JK1BIB
JR3HZW
K0ARM
K0XM
K1IG
K2IE
K3OK
K6DLB
KA2F
KC2RDW
KH7T
KS4XQ
N1FOJ
N1GNB
N5HHS
N5RN
N8JK
N8ZFM
NO3U
PU4MMZ
R2ARR
VE2JM
VK6OZ
W3KN
W3UTD
W9LYN
WA1HXH
WA3PAK
YB2IQ

154

AB4BJ
DL3BUE
DS2GWM
EA5DPL
HB9FAQ
HL2MHU

HP3TA
JA0DOW
JN1SUT
K2YSY
K3RWN
K4WM
KC4DM
KI6VC
KT0F
N1BOB
N1GFV
N6ETO
N9AVC
NO0L
NY7T
OZ9GA
PF7M
TA7AZC
UX4UM
W5LJD
W7IMU
W8EOG
W8PAT
W8VK
WA3YZD
WY2U

153

AA4H
CE1UGE
DK7VW*
E73D
G0MTQ
JA1IHD
JF1XMP
JH1APZ
JL1KFR
JN3QNG
K1RE
K4NLL
K5DXR
KE2M
KI0RH
KS0Y
M0PCB
N1SHM
NI4Y
PY2BT
SQ2AF
TA1CQ
VU3RGB
W4ARK
W9ZP
WA3WOM
WL7OU

152

7N2OKM
AC8TO
AD4QS
EA3AGY
JA8KFR
JF3AHI
JG1GCO
JH1ROJ
JH7MKB
JH7UYN
JJ1JRH
JS2IYY
K1ING
K1RY
K3UT
K4BBH
K7LOL
KB5RD
KV8P
KX5M
N0TR
N5JEY
N5RA
N8KU
NJ6W
NJ9C
NU1T
NW3U
PY2GTA
PY3ED
V31CQ
VE3FAC
W4PBU
W6NS
W9CLA
WB2RHM
WB4KZW
WB4UBS
WY0A

151

9M8DEN
HS1FVL
IK7XNF
IZ8GCP
JA0NPQ
JA1ISJ
JA9EJG
JE1TNL
JH2BKA
JS3OSI
K5RQ
KM4QM
KM8V
KN0R
KP4ED

KQ6K
KX4I
N3MX
N5FEE
N6TR
NA4C
NK4R
NK5Z
RA9SAS
SM0XG
SP5UFK
SV2ESW
VK2BYI
W1CDC
WB0CHS
WB2JSM
WB9UQE
WC2W
XE1GLL
YB2BNN

150

AD4XV
AF6F
DB4RG
EA5HB
EI9CN
F1BFD
HB9CA
IK2SYK
IN3FCK
IU8GNY
IW3IE
IZ2GNQ
IZ7QSS
JA5OP
JE4KCN
JE7OEC
JN1WHW
JR7CDI
K0KV
K0MB
K3DQB
K3EE
K7PVT
KJ8O
N4KEB
NZ4CW
PV8AAS
RA5C
W1ZR*
WA2HIP
WA6AEE
YB4CHP

149
AI4WW

| | | | | |
|------------|------------|------------|------------|------------|
| DK5WN | HA0DD | DS5SWL | N4BRF | I6NO |
| DL7AA | JH1EGT | EA5AX | N4CW | IZ2BVN |
| EA5LV | JL2ULM | EW7BR | N5SV | JA1TBX |
| EI8IQ | JR4OTP | IK5TBK | N9WK | JF1UOW |
| EW4DX | K2RKJ | IS0HXK | NU6T | K0FA |
| HS1JNB | KC3AK | IW7DMH | R6AZ | K2YEH |
| IW1PUR | KJ2U | JA7JAA | RA6XV | K4TMG |
| JH9OSX | N4AWU | JA9KA | VE2LX | KA5JSM |
| K0UD | NC4RY | JE2FUP | VR2IL | KF6I |
| K3IZ | NK7I | JG1RWM | W7FI | KR7RK |
| K7BWC | NS7V | JG8TQL | W8JE | LA9KY |
| KG2U | SM7CZL | JI1ZS | W8WOJ | N1JG |
| M0AQM | TA1HZ | JK1JHB | W9DGI | N1ZP |
| N1BZ | VU2SGW | JK1NPH | W9FX | N2KOF |
| N3GTG | W1NR | JR1AUK | WB9WHQ | N4LSJ |
| N4JRG | | K1UQT | WC9C | NS0M |
| N5QJ | 146 | K4ZMV | WS4WW | NT4K |
| NA6XX | 5A1A | KB3KJ | YB8HZ | PU2GTA |
| NN0K | 9V1PW | KK7X | YB9AY | PY2BBQ |
| NR5O | A71XX | KX1X | YE1AR | UN5C |
| VA2EU | AP2IA | LA5EKA | YO4AUP | VU2OY |
| VA3RKO | EA7JW | N1CWR | YO6HSU | W3FQE |
| VE3CKG | IK0XKP | N4EL | ZS2ACP | W3GP |
| VR2PM | JA3FRI | N4GOA | ZS4JAN | W4MOT |
| W6FC | JA6SQR | N9ATD | | W5GOL |
| W9FML | JA7ANQ | N9NFT | 143 | WV0Q |
| WF5K | JH9FCP | W3LWH | CX4AT | YE1AAH |
| WN1M | K2ITT | W4KCM | HS5SRH | YL7X |
| | K4GM | W9EBO | IZ3AYS | |
| 148 | K5MDX | XE1ACA | JA2RP | 141 |
| AJ4VE | KG4URP | YO2ADQ | JH4VDP | 7M3IYU |
| DL7BO | LA2DS | | JR1KBJ | F8DYD |
| G3YEC | N1BKB | 144 | K1ETA | G0WOU |
| G8GFF | N4DJT | DL1TPY | K3JM | GM0SCA |
| IK7WUJ | N4EDT | DL2RUG | K4VAC | GW0TKX |
| IT9IPQ | N8BK | DS4AEN | KE7AUB | IS0/YO3RA |
| IV3ZCS | NC4S | DS4DRT | KJ4QDZ | JA1CPU |
| JE4WOK | OE6VHF | EA1MV | KM4CQG | K5GDX |
| K3NC | ON7RK | EA5VQ | KM5GD | K6ELE |
| KB7HDX | SP6ZT | EI3HA | N2YF | K8PTT |
| N0ATQ | SP9IZV | I0BJV | N4JOW | KE3ZT |
| N8AID | TA2J | IK1PFE | N4UW | N2JNE |
| NC1M | TF3T | IZ7QFN | NZ4DX | N8LAS |
| NC3O | VA6SP | JA3WFQ | ON6YH | NR0Q |
| NK7Z | W0RI* | JA8IAF | SM0PSO | RM6LW |
| RA0ALM | W0UHL | JE3USO | W2BZR | VE1AOE |
| W0NF | W4BAI | JO1VRV | W3DAD | VE3EDY |
| W4EB | W5UJ | K4AEH | W4CC | W3MNE |
| W6JK | W6TE | K5KND | W4LLP | W4GKM |
| W9FF | W7WHB | K6HRT | W5YKU | W5PD |
| WA2VQF | | K6OJ | | W9LU |
| | 145 | K7GA | 142 | WW3A |
| 147 | AA8MA | KD5RBU | AA3NJ | YL3GDM |
| AD4IE | AG1T | KI0G | AA5B | |
| BX4AG | AI4EY | KJ4FZ | DJ0AH | 140 |
| EI3ISB | AK5Y | KS6A | EI5GSB | 5W1SA |
| G0UII | DL6LZM | LA5HPA | F2AR | AF1US* |

| | | | | |
|------------|------------|------------|------------|------------|
| DS1NEI | W0QL | KI0I | AB9BH | EI5FQB |
| G0HIO | W1VE | LB8CA | DF9TW | GM4AUP |
| G3RZP | W5GCX | N1UZ | JA1JYS | HC1HN |
| G4VWI | W5GT | N3DD | J11AYF | JA7AYE |
| HG6IA | WA2NBG | N5ZY | J11FXS | JA7GFI |
| HS7WMU | WA2VJL | N6DSC | JN1LTZ | K2KN |
| I0ZY | WD1Z | N6MI | JO3EVM | K2KNB |
| IK7XGH | WO1X* | NJ2DX | K4LW | K4BYN |
| JA0DVE | | PU1KGG | K6BY | K6IRD |
| JA3PYC | 138 | PV8RR | K7WT | K8LE |
| JE3AZY | AB7ZU | PY2YW | KA5SYP | K9UC |
| JH0UUY | DB2WD | SV3EXP | N5FPW | KB8KIM |
| JK7QJK | DD0VE | UA0AV | N9BT | KC8YG |
| K4HYJ | EA3AGZ | VE3GLA | PB7XYL | KI8AE |
| K8WVA | G4RGK | VU2OT | SP3IK | N0GVK |
| KA9JAC | IZ8EYN | W2GHD | UX7QG | N5CR |
| KA9JCP | K0IYA | W6YW | VE7UM | NC8I |
| KB1CQ | K6DEX | WA6WPG | W0TF | NO2EL |
| KB4CP | K9NX | WB5IUU | W4OY* | PY3FOX |
| KB5NJD | KC8IVC | YB1SKR | W8PE | PY5XH |
| KC9WPS | KD4EE | | W9CC | PY6TS |
| KK4MA | KM6KO | 136 | WA8LE | S57NML |
| MW2I | KT0NY | AC8IL | YB0IR | SM0KCR |
| N0RRG | LA4RT | AD6G | YC0IEM | SP8TDV |
| N3IQ | N9ARX | EC4KW | YV5TX | VE7YBH |
| N3TTT | NN4EE | F5LCU | | W2HUV |
| N8DE | NQ4A | F5VKT | 134 | W4QA |
| N9ETH | NS0D | G0MMI | AB3TM | W4QJ |
| NZ6N | SM3LBP | IV3EFE | AD7HE | W6DHH |
| OZ9U | SP5AMN | IW1GEU | DB9CR | W8JY |
| VE7BZ | VE3XK | JA0ADY | DL2NAI | WA7ZXD |
| VK3EUZ | VU2BQN | JA8CYU | G0KHO | WB2MKX |
| VK3MB | W6LUC | JR3OYH | G4FVZ | WB6CJT |
| W6KNB | W8EH | K0AD | HB9DPO | WI0E |
| ZS6HON | WI2E | K8TVD | HZ1TL | WI9R |
| | WJ6Y | KA0IQT | JA1WTO | WW3QB |
| | WW1WW | KE1AU | JF1WRV | YB0VB |
| | XE1RP | KE1IU | J14UEN | YB1BUL |
| 139 | | KS8W | JL1JJD | |
| AB4U | 137 | LB8OH | K0VG | 132 |
| AB8M | AA4MF | N0IRM | K5HX | AF9W |
| AE5FM | AB8OU | N2EI | K6WRF* | DL1MEV |
| DJ4SO | AK0A | N4LS | KC1XX | DL2PR |
| EA1FF | DL6ZNG | N7HCJ | KG8OU | DS3DNT |
| EI9GLB | DL9KSM | NM2D | KN6Y | DU1UGZ |
| GW0KRL | IS0BQE | OE8XBH | N1DNZ | EA4M |
| HA1AC | JF1FSW | PA3AIN | N6NPG | F6ARS |
| JA1DHY | JH0JVA | VE3NJC | N6VWF | HB9AZO |
| JM1EKM | JH9CEN | W2MW | N7WEJ | JA5BZL |
| K4NNQ | JK1PIU | W2PD | NR5R | JG1RYQ |
| KB8ZUN | K1FUG | W3CL | NY2KW | JH3PTC |
| KW8I | K2TA | W3HKK | VR2ZXP | JK1PWQ |
| N0AZZ | K3FS | WA7AJ | W8FDV | K4SAW |
| N3FX | K5MMH | YB2VYY | WB8TRW | KK4ODQ |
| N8LRG | K8RMC | | | KV1P |
| N8PE | K8VJG | 135 | 133 | N2CJN |
| NW2I | KF7PBM | AA4WX | DL1TKB | N7GTE |
| OH5NG | | | | |
| SM4JSF | | | | |

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|------------|------------|------------|------------|------------|
| N8TEM | KB9KEG* | WB5TOI | SM4BNZ | 125 |
| NO2C | KH6P | WB8IMY | UR4CW | AC2QH |
| OH8NV | KI4NSP | YB6LAY | VA2SS | AI3Q |
| OZ6DX | KN9N | ZL2DD | VA3VF | DL9QJ |
| WB8QZM | N1WC | | VK2HV | F8GB |
| WJ5K | N4KZ | 128 | W9NC | HB9ARK |
| YO7DAA | N4PAJ | AC4FZ | WA3PBL | HC1HC |
| | NA9L | AE6RR | WC7WB | IK2BGT |
| 131 | OV7B | AF6WU | WN5TL | JA1RBY |
| AA3FC | TF1A | AH7G | WR5G | JA3EYO |
| DL8UAT | W1MRH | AK0BC | YB0NSI | JH3FCF |
| EA4ESI | W4AG | JA2QCX | | JI4WHS |
| JA1PFP | W6IA | K3JMH | 126 | JJ1IDW |
| JA5CVG | W7PC | K4TTZ | AB1JV | JJ1XVA |
| JH1LMQ | W9IAL | K8NIA | AB8YZ | K0FTC |
| JM3XHD | WF3M | K8VE | AB9LF | K2DE |
| JM7SKE | WO3T | KK6M | AC4WD | K2EN |
| JO3GZH | 129 | KQ4R | AD4YQ | K6ETM |
| K3HPA | 2E0XAR | LU8XW | AF8P | K9OHI |
| K3OQ | 7L4FSR | UT9LC | HB9BWE | K9OZ |
| K9MV | AA2T | VE3ZRB | HB9LEI | KC1CAB |
| KB1AWM | AA3GM | VO1AU | JA2EAB | KK7GO |
| KG4OJT | AI5EG | W5PKE* | JA9BSL | KN4WOJ |
| KJ4BIX | DD0VU | W6BSY | JF1AZQ | KP4P |
| LA7QI | DL8XDA | W8WFN | JI1CAZ | N2PK |
| N0PSJ | DS4PAH | WV1K | JI6BEN | N2SO |
| N1TQ | EI/W5GN | 127 | JJ1QJP | N4OWG |
| N2MTG | EW1TO | AB1NS | K0RAR | ND0B |
| N4GJ* | GM6NX | AC6FU | K1YA | NN7NN |
| N9FDE | HB9GZE | AK4AO | K3NO | SM4AMJ |
| NJ8J | JA1QFX | EC7WR | K4MQL | W0PY |
| RU3DVR | JA7HYE | F8DHE | K4VW | W2KN |
| W1GWN | JH8DEH | G0IFC | K4WSW | W4OWY |
| W6GEE | JJ1EPD | HB9MZI | K5EA | W7UV |
| W6WVW | JS1ERB | IZ5IMB | KA1WIF | W9COS |
| W9CTJ | K0RX | JA1EMK | KC1SQ | WA0TML |
| WM4W | K3IRV | JE6DNN | KD4BPZ | WA4KSO |
| YO5OBA | K4NKT | JF1SPT | KF6ILA | WB6POT |
| | K4RSA | JN1XQS | KN1CBR | WB9AZA |
| 130 | K5VUU | JO1GRR | N1AH | WB9G |
| AA2WN | K6IJ | K3LAB | N9VPV | WU6K |
| DG1SGW | KA1EKR | K6VMV | NK4K | YB2ERL |
| F5AYZ | KG6DX | K8TLC | NK5K | YB8EL |
| FM5DN | LA9JKA | K9KJ | NT8V | YB8FL |
| IV3PBZ | N6OI | KC0V | RV3YM | YC3TSJ |
| IW1CAB | N9KO | KD2NF | TA1UT | YC6EI |
| IW2FLB | NC6DX | KF9LI | VE7YY | YU1LD |
| JA1BJI | ND4Q | M0VCB | VR2VGM | |
| JM4VCB | NT7MM | N2QLT | VY2RU | 124 |
| JR0QKR | OZ2TF | N6JZ | W3ATV | 9H1AZ |
| JR1HYA | OZ7BQ | N7BIP | W4JTP | AL7GA* |
| K4JRA | W2ZK | NI0R | W6DOJ | DB3KE |
| K5BUD | W3FQ | NU4L | W7QF | DL2DCX |
| K6OWL | W6VFA | OH3DP | WA2BKN | G0UGO |
| K7UW | WA1UZO | PP5VA | WA5VSK | IZ1EPM |
| K7YMG | WB2BXO | R2DG | WY4Q | JA2DCN |
| KB4HAH | | | | JA2XN |

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|------------|------------|------------|------------|------------|
| K0ASA | N5RMS | JF2OHQ | LA8FNA | W0VU |
| K4AEN | OZ8RH | JN3VQM | N5DEE | W4CU |
| K4ZZR | R7CD | K2KJ | N7PR | W4PWF* |
| K6RNK | RV3A | K4JRK | NK5G | W8RSJ |
| K9TVG | W0ARW | K4KZ | NL8F | 118 |
| KL7XD | W0QKL | K7CTV | PY3CJS | 7K2BWG |
| KV5Y | W9FY | K7LVJ | VE3DRZ | 7K3TFX |
| KZ5JEF | WA6MRK | K7ULS | W1JMA | 7N4GIB |
| LU3XX | WB0DHB | KB7ZUT | W1UN | AD9I |
| MM1PTT | XE2JFP | KS0JD | W2QQ | E21IZC |
| N0VTZ | YO2AOB | N1TQP | W3WN | EA8TZ |
| N3DAP | ZR6GR | N8WK | W4GWL | F6JSZ |
| N5GD | ZS6NK | OH3KRH | W9IXD | IV3XWD |
| N6VHF | | OH8GBT | W9KM | JA0PZJ |
| N7QS | 122 | W1TW | W9MB | JA1XMT |
| NJ2X | AA8DC | W4EW | WA8KHP | JA2IFW |
| NN9X | AB2NI | W6RD | WD4GZW | JA7OAO |
| SM3WMU | AC8AZ | W8NT | WV2N | JH1BCS |
| SV1EOS | AJ6X | | XE1SAX | JI8BRZ |
| VU2YVK | EA3DNC | 120 | ZS6AKU | JJ0FVP |
| W1BX | HC2PY | 7K3NHT | | JR3CVJ |
| W2ECK | HK3J | 7L1XXM | 119 | K0HW |
| W3NF | HS4BPQ | 9A6AJ | 9A3LYL | K5HW |
| W4NEZ | JK1CEK | AK1P | 9A5SSS | K6ZED |
| W4TNH | K0SQS | AK6DV | DC3RJ | KA1CTL |
| W5DQ* | K3TUF | EA3AV | EA4GQS | KC9QQ |
| W7GTO | K4BS | EI4GJB | G3NML | KL7NW |
| W9LA | K4MTT | EI4HQ | G4NAQ | KW3F |
| W9LR | K9YKL | HB9IY | HI3I | LU2MCX |
| WA6BOB | KN0A | HK4KM | HL0O | N0MHL |
| WB6PJC | KO6XI | HZ1XB | IK0YKM | N1KM |
| YB8HI | N5UWY | IK2HKN | IZ1YUH | N6DKZ |
| YC2VVD | PY2HN | IZ1QLT | JA1DEQ | N8TT |
| | VE3KY | JA2CYL | JA1ECU | PV8AJ |
| 123 | VE3MIS | JA6WFM | JA1VW | PY2MTV |
| AA9SI | VK9VKL | JL3AMK | JG3RXZ | UA1TGQ |
| AB0MV | W7AVA | JN3MXT | JH1QDF | VU2RCT |
| AI1W | W8GBH | K2AK | JI1STU | W1IAN |
| F8EZE | WA2AOG | K2JLD | JR4CTF | W4FDS |
| JA1GWA | WA8KNE | K4MZE | K0JDD | W7GOY |
| JA1IWP | WB8TGY | K4ZIW | K2KYH | W8WTS |
| JA5EEU | WN7T | K5HM | K2UNI | W9TO |
| JG0HEW | YB0AI | K5WRE | K8CJY | WB2AIV |
| JR7ASO | YV2FEQ | K6JBH | KC5LT | XE2ML |
| K1KOB | | K7KMR | KL1V | ZR6DX |
| K1LU | 121 | K8IG | KR4Q | |
| K6LJC | AA4MD | KA4AHU | LA8OKA | 117 |
| K7SO | AB0S | KF5ER | N0JR | 3C3CA |
| K9CHP | F8DZY | KG5NP | N0TNJ | AD7AF |
| KA1SAW | G4EHT | KH6DX | N3HO | AK9L |
| KD9AC | HB9TJG | KJ2AM | N6UOZ | CE1AT |
| KD9BIE | HC1E | KL7GY | N7ENN | DK1MCS |
| KF4GW | IK2HLM | KM4AF | PP2FN | DL9JM |
| KW7N | IZ1BZS | KM4ODS | SP1NEN | DO9LX |
| M0IFT | IZ4GOL | KO9A | UN7ZO | DS5HVJ |
| N1CDO | JA1NZJ | KP4RAT | VU2MB | EW8AX |
| N4BCD | JA6PNA | KT6VV | W0TG | |

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|------------|------------|------------|------------|------------|
| G0JDC | N8CH | W4TIJ | JR2CCH | KC1EO |
| G5CL | N9NBC | W8TJM | K1PU | KG4TAH |
| G8GNI | NH7U | W8WG | K3GP | KJ6YK |
| HB0RER | NQ4K | W9OVQ | K4HDW | KJ7NL |
| HC1JQ | R0CY | WA4RYW | K5VSD | KK9R |
| JH2BLM | TF3DT | YB0JVZ | K7CV | LA2RE |
| JS1BKR | VK3YR | YL2UI | KC2NJ | N2XD |
| K6RI | W4MIR | | KE0X | N4JJS |
| K9JY | W5MZX | 114 | KE6U | N5QZ |
| KA9TOX | W6DQ | 3D2KM | KF8QL | NG4P |
| KC8KEF | WA3GOS | AE2DX | KH6AT | NJ1H |
| KL7AC | WA3MH | IZ5OPU | KJ5RC | NW2M |
| KX5U | WA4HXC | JA1CCG | KL7QW | OK1EY |
| N1EDN | WB3EVL | JA3MAT | KV3W | PG0S |
| N4UY | WB6SZC | JA6EMA | KV5Q | PY2RDZ |
| N6AJ | XQ7UP | JA9ALR | KY6J | TC100TC |
| OE2IJL | YC0OXG | K3IFL | LZ1JP | VA7RN |
| OE9DGV | YC1CWK | KA0VXK | N1TA | VK2DAG |
| PA0QRB | YE2C | KC2TN | N2YU | W0ZY |
| PY2ALC | | KF4GRA | N4FNB | W2NGC |
| SV1QXU | 115 | KG8CZ | N4KFT | W5JDF |
| SY1BFI | AB6WQ | LA2XNA | N6OPR | W8HF |
| VA5LF | BA3CE | MI0DWE | N6TQS | W9IE |
| VE4HQ | C31MF | N0JX | N8URE | W9RLL |
| VE7SO | CT1EFL | N4MWY | NN4RR | WV2M |
| W2FDM | F5LMI | N5PD | OH4NVX | YB8MOB |
| W2OIL | G0BPK | N8BI | PV8RF | ZL2MM |
| W9WGN | G0RPM | N8HM | R3FP | |
| WA0LJM | HI7SB | N9DFD | SA7CJO | 111 |
| WA6OWM | IZ0SPA | NJ4Z | SV7BVM | 4F3OM |
| YB1DCW | IZ0UME | NZ1I | W1FYI | AD7U |
| | IZ1XBB | NZ3M | W3FE | DC2KN |
| 116 | JA5GOJ | OH4KRN | W5TZX | DH3NAW |
| 7Z1TT | JA6JSY | R7NA | W7KHZ | EA1NO |
| DC1TK | JG1LFF | SM4RGD | W9KXQ | F1NZC |
| DQ4Q | JG1RET | UX5HY | WB9YJE | F4HZZ |
| DS3BBC | JH2BTM | VE3VTG | WE8T | G0DTX |
| F5RZJ | JJ0WAJ | W3WKR | WW6D | G4LRG |
| G3VDB | K0YA | WB6UIA | YB1JYL | G7CNF |
| HI8S | K2CQW | WD0AJG | YB5BOY | GW4EVX |
| JA1RYC | K4KO | WN9A | YC2EWZ | JA2NXB |
| JA5BKR | K7EUG | WU6W | | JA3KE |
| JA9GFA | K7WLX | XE1ZTW | 112 | JE1FYV |
| JE3BFV | K8BB | YB1HK | DL4HCF | JF7RKV |
| JF1MAD | KE7GI | YV4EH | EC1AE | JH7UCD |
| K1AFC | KQ6X | | F5PBL | JJ0AEB |
| K7HRT | N1IN | 113 | HB9CXX | K2RRB |
| K7SX | N4PHH | DP9Z | IS0BZR | K2ZSD |
| K8ZEE | N4XAT | EI3GV | IU2LFP | K3RMB |
| KB0TFT | N6BHX | G4BGW | IZ4IRO | K6JLL |
| KF7RO | N8AJN | GM4KHE | JH1WPS | K6VKO |
| KP3X | N9XG | HB9ARI | K2PH | K7FR |
| KP4EJ | NB9Q | IU4BIP | K3RRR | KA9A |
| KW4SW | PV8BR | JA1DBG | K4KFH | KR1B |
| N1OS | UX5XK | JA1FRQ | K4ULA | LA2ZW |
| N4PF | VA2GA | JE6JAO | K6BF | LA6JKA |
| N5LKE | W1LBC | JH1GNU | K8LH | MM0MSS |

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| N2IVN | WB3FHU | JG3LDD | JA1KZP | IW0GYC |
| N2PL | WK3A | JK7UST | JA2YIP | IZ8LLQ |
| PG5V | WM4R | K0NO | JG5UWK | JE8RAH |
| VK7LUV | WU5E | K2QQ | JI3WBB | JF1CZQ |
| VU2IT | YB1FWO | K3DRE | JS1OZS | JH9DNK |
| VU2RMS | YB6HAI | K3TXW | K0HCV | JI6HXI |
| W1GS | YB8EXL | K4AFE | K2FD | JI6OXK |
| W4EY | | K4KYN | K3SUK | JL8LGW |
| W4KTR | 109 | K4PWS | K5LA | JN7CPW |
| W5ADH | A61DJ | K4WJ | K6ADY | JP1RLN |
| W8DSN | AF5I | K6MYC | K6BXI | JR1LLD |
| WD9IOK | DD9HK | K9KJS | K6JAD | KB5KKL |
| WP4CQ | DS3DGA | KC7CS | K7JI | KD2SY |
| YB0NDT | EI7JN | KI4CYB | K9LC | KF6XA |
| | G0VJG | KL7SB | KC5UES | KI5QQG |
| 110 | IK7NXU | KO6N | KD1YV | KJ5T |
| BD4QH | JA3VQW | LU4FTA | KE7PB | LU4HK |
| BG5CNL | JA4NIM | MM0LBX | KE9V | M5LRO |
| DB6VH | JH8TOW | N1CPL | KI3T | N0HR |
| DH0SP | JK1VSL | N2MN | KI4CBN | N0LZF |
| DJ0CL | JO1QZI | N2YCH | KK7AC | N1EMC |
| DO1HGS | JR2FJC | N3OUC | LU3DDH | N1KEZ |
| EC1AKI | JR7PVD/P | N3XRU | N8XE | N6WBL |
| EI4IZB | K0XP | N5JED | N9LOH | NP3O |
| G6MXL | K4MVM | N8ERL | NT4W | PA1CA |
| GM3MZX | KC4GFW | NA1RL | OZ1KSN | SM5TOG |
| HB9HFM | KD6GC | NJ9Q | PA1GYS | SV1JMF |
| IU3PMA | KI4SFT | NM4SH | PA5X | W0PPA |
| IZ7EDQ | KR4PB | NV4C | SV2HNZ | W4ETB |
| JA1ESH | KS7S | PY2EBD | TG9AWS | W7ABC |
| JH1IIY | N0EKM | SM7TZK | UT5UML | W7RTX |
| JJ2BLV | N2DUI | TF3MH | VA3DEF | WA4BAN |
| JJ3OFL | N3CAL | VE1GBD | VE3NLS | WB8NUT |
| JQ2MPJ | N3STZ | VE2OCH | W0LGQ | YB1TIA |
| JR8ORC | N5UKZ | VE7KS | W0MRZ | |
| JS2LPJ | N6WHK | W0WT | W1KQ | 105 |
| K3IU | OE1PFC | W9CP | W7ACX | 9M2CQC |
| KA9WAR | PA0AKN | WB8LEM | W9ZJX | AA1KS |
| KB9IFH | R6AW | YC0RI | WA0CIE | AA1LS |
| KD0KZE | SO5AS | | WA9BD | AC0DH |
| KI4PG | TF3G | 107 | WB6PIH | AE0DX |
| KI8U | WB4MM | AA0FO | WB8PKK | AH6NF |
| KO4FBU | WO8USA | AA4GR | WS9D | CE8EIO |
| N2UFM | WR0U | AA6Z | YB1LZ | DL2YBG |
| N4CE | YD1BJJ | AB4PP | YB2ECG | DX3H |
| N4EPD | YD7UFI | AC9DX | YO6BHN | EI9HQ |
| N7ELB | ZL1IM | C93PA | | EL2BG |
| OH6IH | ZP9EH | D44PM | 106 | F6AJM |
| OZ1MAD | | DJ0RD | 9K2HM | FM4LV |
| PT8DX | 108 | DK7GH | AA7DK | G3WPT |
| SM0THU | 4I1AWM | DS2GBP | AA8HH | G4XBL |
| T88UW | DL8JJ | DS4OMS | AE4G | JA1BF |
| VA3WEB | EI4DQ | EA5GDY | AG7T | JA5UFD |
| W1ARY | HL4CKT | EI5EV | AI4FR | JD1BLY |
| W4EEY | IW8AWZ | EI5IF | AI9T | JG3PMB |
| W4LEW* | JA3FAY | HS0ACS | DS2BSK | JH0MJY |
| WA4RTE | JA6HOR | IV3GCH | G4FJK | JH1MYJ |

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|------------|------------|--------|------------|------------|
| JR1WCS | JH1REP | HL2DNU | YO2OXD | SQ9DXT |
| K0HIP | JJ0OAP | IZ4AMS | | UA6LCN |
| K0ITC | JM1SOL | IZ6CLN | 102 | UF2F/1 |
| K1MDA | JQ2HJR | IZ7HNO | 5H8HZ | UY5AR |
| K1XO | K0OOK | JA1DBO | AK4I | VE3AXW |
| K2CDP | K0XU | JA7PKV | DO3BOX | VE3KKQ |
| K8HQ | K1HC | JO6MMQ | DO7INT | VE6RWC |
| KB5VNM | K3ZI | JQ3TAN | DS3FGV | VE9TER |
| KD8KX | K4VMT | K1DM | EA6/W3DM | W2VU |
| KD8ZYD | K7ADD | K6GO | EI2FG | W3DHN |
| KE8Y | KC3OPI | K7FRY | EI2HZB | W3NJ |
| KG9EE | KF4YXH | K9MQ | ER5LL | W4OEP |
| KJ4SKO | KG9Y | KB1YO | F1OBJ | WA4FXX |
| KL7XO | KN7PF | KB5HPL | F5VIF | WA6NKM |
| KP4SJ | KO4MA | KC4QYG | G5HY | WB6HVW |
| KV4QS | KZ4EX | KC8LTL | HL2DAA | WB8JAY |
| LX2KD | LU9OZX | KD0L | IZ4NHH | WN5G |
| N0EUV | N0PO | KE0QPG | IZ8GEL | WW4CP |
| N2YG | N1RY | KE8GX | JA3GNU | YC0OST |
| N3WL | N2XTT | KG4IYS | JA5CH | YE0TUR |
| N5VBK | N5QT | KJ7KOJ | JF3KBX | ZS6CR |
| N6CK | N7IV | KK4AMR | JH1IHG | |
| N7NW | NB8Q | KK6MF | JH3GBS | 101 |
| N9MKC | NR5N | KM6JD | JR1EMO | A41ZZ |
| NE3I | OK2PKY | KU8T | JR6GV | A61ZX |
| NK7L | OZ5JQ | LA3ANA | JS1LQI | AC0ZM |
| OM4KW | PU8WBD | N1HT | K1QF | AF7WM |
| RG7A | PV8ADI | N1XS | K2GLW | AG2O |
| SM0SHG | PV8CQ | N3MWQ | K8WDN | A13H |
| VE5UO | PY2QA | N8MAS | K9VD | AK4PE |
| W3JM | SV8RMA | N8XHF | KB2FMH | BH4UTT |
| W3MJ | TC2C | N9BD | KC9JCH | DG0OAT |
| W4KFA | TG9AKH | N9LPT | KC9LBO | DJ3GZ |
| W6FFH | VE3DS | N9YKE | KD0CIU | DL3XAC |
| W7AAA | W6DAS | NF6P | KI4TG | DL5JH |
| W7HJ | W6FZA | NP2MR | KN4NN | DM4EA |
| W9GWP | W8MX | NP4AA | KR7LD | DO4FZ |
| WK2E | W9TVX | OZ2BX | KT6LA | EA5WP |
| YB9DE | WA2TIY | OZ5D | KV5WS | F6FHZ |
| | WB2GMY | PU2OIP | KW4BY | G3TDH |
| 104 | WD4IEK | PU4ENY | M0CNP | HZ1HN |
| 5T2AI | WZ9W | RA3LD | M0PTZ | IZ3GJL |
| 7K1VKU | YB8ROP | TF1AM | N1MGO | JA1GQC |
| 9A5MP | YD0OSU | VE3TPZ | N4MTT | JA1UTC |
| AB1NE | ZS6S | VK7AP | N5MOC | JA2NSH |
| AC0XY | | W0RMS | N6FB | JA4JSL |
| AJ5H | 103 | W1ABO* | N7NM | JG2HNC/P |
| BD7BW | 7N4BAI | W2JAN | N8OYY | JG3AOB |
| EA6UE | 9A5JV | W3UI | N9AAA | JG5VFK |
| EI4GK | AG5ND | W3WTD | NI0DX | JH2WDT |
| EI7IG | BV2NT | W4PM | NJ4Q | JM6NVD |
| G0AJH | DL9CP | W5BV | ON4KJR | K3MAW |
| G0OJG | DM5TI | W5HPQ | PA0RNH | K4DXT |
| G4XXI | DS0IC | W7CWD | PU8YPL | K5WE |
| G7SQC | F5JWH | W7RRS | PY2WO | K6BLG |
| IK5TTA | G3YJQ | WB4SGA | PY3WW | K8DTF |
| JA6HPI | GM4ELV | WB5JHY | SM6STI | K9EGS |

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| KA3CZY | 100 | K3TXT | R9OSN |
| KB3VHC | 4I1EBC | K4AAP | RA3UT |
| KB9RNO | 9M2ADX | K4BNC | RA6XB |
| KD0ZZ | 9V1XX | K4CTL | RW0LCN |
| KD4CJO | AA1XO | K4KZM | SM7HZK |
| KE7BMG | AA6E | K4QXX | SQ5WAF |
| KF9EX | AB4KJ | K4XZ | UA6CEY |
| KK6VGE | AB6RT | K5PSN | UN6GVA |
| KM7OH | AB8DD | K5YE | VA3FU |
| M0GVZ | AD4KJ | K7GLM | VA7DZ |
| M0RTP | AE7DW | K7TLP | VE2GT |
| N1RCJ | AF6AV | K9EA | VE4MAR |
| N1SFE | A16LY | K9ZJ | VK2IS |
| N3KKF | BA1SN | KB0GT | VK3FNJ |
| N3QVB | CE3MRO | KB1ODO | VU2KWJ |
| N4CBS | DG7YEO | KB6IGK | VU2XJ |
| N4IW | DH9DX | KC2OSR | W2CCW |
| N8HAM | DL5KLX | KC5CMX | W2SEF |
| NE2U | DS4EJA | KD1DT | W3SW |
| NX6D | DU1/NF0O | KD8JSP | W4CRN |
| OG2N | DV1VHK | KE8NOA | W4WCD |
| OZ1GCT | DV7A | KF5TL | W5DX |
| OZ5VO | DW3CWM | KF7CG | W6KF |
| PC5F | EA3GOP | KF7TLL | W6OP |
| PU3RTS | EA3ZD | KI3F | W7SMW |
| RZ6MD | E16GI | KI4FW | W8BFT |
| SM0LPO | EU1VA | KQ4PK | W8QW |
| SM6YEC | F4HAB | KT8TD | W9SWT |
| UB1ADP | F5GSJ | KU4FP | WA4ASJ |
| VA3MAH | G0GFC | KZ3P | WA5ICA |
| VE3BGG | G1III | LA8W | WA6BFW |
| VE7GEL | G3SEM | LU7FJO | WA7SCH |
| VK4SDD | G4HUN | MW0CPZ | WB0RXQ |
| VU3NPI | G7TPL | N0RA | WB4HMA |
| W2GM | HB9CZF | N2BZD | WB5DW |
| W2SUB | HB9EE | N2MAD | WD4ETU |
| W4WRS | HI8PLE/7 | N2MSF | WQ9F |
| W4YR | IZ0PMV | N3GSE | WS7X |
| W5DWA | J62K | N3NVA | WV4Y |
| W7HO | JA0IJG | N4DOU | YB0FLY |
| W7NEE | JA1KPF | N5EI | YB1ME |
| W7SEQ | JA2JVK | N5LJL | YC0MAT |
| W9HZ | JE1NGI | N6ERD | YC0RFS |
| WB0POH | JF2MMJ | N6FM | YC1DOL |
| WB5HJV | JG1XBM | N7BU | YC2SBG |
| WM0G | JG4OSI | N8CEP | YC4DON |
| WQ2M | JH1WHZ | N8FXH | YD0DMS |
| WT8X | JH2IUV | NA3M | YE4IJ |
| WU2T | JI1HSV | NG1R | YE6YE |
| XE1AO | JI2XLN | NT8Z | YL3AMZ |
| YB0KTT | JK1EZK | NW5Q | YO3HEX |
| YB1KEL | JP1KHY | OE7BJT | ZS6TVB |
| YB8BRI | JY5MM | ON7BS | |
| YB8QT | K0IDT | OZ9AAR | |
| YB9BEC | K0PG | PR7AYE | |
| ZR2A | K3JRR | PT2DF | |
| | K3QB | PY2TWI | |