ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 20 Jul 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the ARRL DXCC FAQ for details.

348
K2TQC
SP5EWY

347
K4CIA
K8MFO
N4WW
W1JR
W4DR

346
N1DG
SM3EVR
W9ZR

345
HA0DU
JA2VPO
OH1XX

344
K4PI
N4MM
OZ1BTE
OZ1LO
PY2XB
SM0AJU
VE1YX
W3YX

343
DF3CB
K3FN
K4MQG
SP5CJQ
VA3DX
W3UR

342
JR2KDN
K4DY
K5UR
KF2O
N6AR

341
4X4DK
AA1V
DJ6RX
DJ9KG
G3KMA
JH4IFF
N0AT
N2TK
N4CC
NN4T
OH2BU
OZ3PZ
PA3FQA
SM3GSK
VE3EJ

340
EA8AK
JA4DND
K4UTE

339
CT1EEB
IK1GPG
JA1UQP
JA5EXW
N4CH
N8DX

338
G4BWP
I4LCK
JA3FYC
K9NU
PY4OY
SM3NRY
W1DIG
W7UT

337
AA6YQ
DL4MCF
K1ST
K4HGX
K8SIX
VE3XN
W0BV
W2LO
W2YC
W3LPL
W9IXX

336
JA1WPX
JA2JPA
JH4UYB
K2FF
K4XP
K5RK
N3XX
N5ZM
PE5T
W0MHK

335
AG9S
G0JHC
JA1BK
JA4LKB
JA5AQC
JA5AUC
JA5MHD
N0XA
N5UR
OE3GCU
OE6IMD
OK3GU
R7LV
SP3EPK
SP8AJK
W1YY
WB6RSE
WD5COV
WK3N

334
AA1QD
DF3GY
DJ9ZB
EA4KD
EA6SX
F6EXV
G3XTT
JA0EOK
JA2FBY
JQ3DUE
K3UA
K4XO
N4XM
N8DJX
SM5AQD
SP2FAX
UA6A
W4PK
WB9Z

333
DJ8NK
F6AOJ
G4OBK
HA5WA
I4AVG
JA1HGY
JA2KVD
JA6BZI
JR3IIR
K6YRA
N4AH
PY2BW
PY2SP
SM5CEU
SM6CVX
W0DJC
W9RPM

332
AA7A
DF4PL
EA5RM
F6DAY
GM3YTS
HB9BGV
HB9BZA
IK4DRY
IK5HHA
JA0UUA
JA4DLP
JL1UXH
K0IEA
K1OA
N2LT
NJ6P
UA4HBW
UT5UGR
UT7QF
W4DKS
W5BPT
W5ZN

331
DF2RG
DJ9HX
EY8MM
F6BKI
IK8HJC
JE2URF
JG3QZN
JH1RFR
K4MWB
KD5M
LA5IIA
LZ2DF
PY5EG
PY5HOT
SP3E
W5OZI
W8UVZ
YO5BRZ

330
AA1ON
DJ2YA
DL1AMQ
EA7TV
EI7BA
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
JI4POR
K3WC
K4CN
K4ZYU
K9CT
N4JF
N8JV

N9IW
NR1R
OK1MP*
RA3CQ
SP7GAQ
VE3FF
W3NO
YU1FW

329
GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JA7MSQ
JH1GZE
K0EU
K1HTV
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP8NR
W4UM
W5XX
WA1JMP

328
AA5AU
AD5A
DL7MAE
IZ5EKV
JA1SJV
JI2KXK
K4QL
RU3FM
SL0ZG
SP9DWT
W1ECT
W2IRT
W5FKX

327
AB4IQ
CT1APE
CT1IUA
DK5WL
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH0INP
JH1TWT
JI8DGO
K0DEQ
KW9A
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SV1RK
YO9HP

326
EA5BY
JA9APS
JE1SYN
JF1WPB
K5EK
K8PT
LU2NI
N3NT
N7RT
OZ1AXG
SP5DIR
W8DCH

325
EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JF1PUW
JF3KON
JF7XKY
JH8RZJ
JR3GWZ
JS2LHI
K9EU
K9IR
OE2LCM
ON4IQ
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1RM
W6RLL
W9OP

324
DK9KX
DL5DSM
FK8CP
G0DQS
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JJ3PRT
JR2LJO
JR3OEH
K5KC
K9YY
N1NK
N8BM*
NK1K
OE8HIK
R3OK
VE2TZT
W3LL
W8OI
W9OL
WB4TDH
WP4U

323
EA3GP
GM0GAV
JF1KKV
JH2FXK
KF0QR
N5TY*
N8RR
NY0V
OH2BLD
SM6DHF
UA3AB
W7AO

322
CT1BH
EA2IA
F5PAC
IK4GME
IK8YTA
JA4FKX
JJ2LPV
K2UO
K6FG
K7NN
KA9CFD
KU0A
N4DW
N4NX
OH1LEU
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A

321
AA4V
AD1C
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
KV7K
KX4R
LA7HJA
N4PQX
N5XZ
OE6MDF
OE8RT
SM6DHU
SV1FJA
UT7UJ
W4FC
W8GC

320
AA8CH
CT4NH
DM5EE
I2EOW
JA3PIS
K1LD
K4EM
N4II
SP7VC
UY5ZZ
VE3EXY
W3KX
W5WT
W6XA
YV1DIG

319
DJ4AX
DK1FW
EA8AKN
HB0CC
IK4DRR
JI1DHY
JR7VHZ
K5MC
K6AM
N4DB
N4QS
ON4AOI
UA3AP

318
A45XR
AA4HP
DL6KR
G4PWA
JA2JNA
JA4EPE
JH4JNG
K2TE
K4IQJ
K5BG
K5DU
LA2PA
PY5EW
R3VA
RA7A
RW3RN
SP1MGM
VE3LYC
YO3APJ

317
AB9V
DJ5FI
DK2NG
DL5WW
HB9HFN
JA1ANR
JA2IVK
JO7WXN
K2RW
K6YUI
K9MM
KE9L
N2BJ
NE1B
OE1WEU
UX1UA
W6VX
WD0DAN
WX4G

316
DF2UU
G0OIL
IK2QPR
IW1ARB
JA8EAT
K1BD
K3WA
K4HB
K8YTO
KG8P
KQ8M
N5DG
RV3LO
SP1JRF
UA3DPM
W1GL
W7MO
W9ILY
WA2VYA
YB5QZ
YO7LCB

315
9H1SP
AA5AT
AB3CV
AB6QM
G3VKW
HK3W
IZ1LBG
JA8RJE
JA9CWJ
JN3SAC
JR2BJE
K8NVR
N5OK
OE3EVA
ON4IZ
PY2NQ

SM3VAC
SV2DGH
WA7NB

314
AC4G
CT1DKS
DL6CNG
EA1N
EA6VQ
G3NDC
HA1RB
IZ8FFA
JA2AH
JA2ZL
JA5XAE
JR4OZR
JR9LKE
K2LS
K5AQ
KB0EO
KC9ARR
LA7AFA
MD0CCE
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF
WB8BPU
YU3AA

313
5B4MF
CT1GFK
I3BUI
IZ2AMW
IZ8FWN
JA1GRM
JA5IU
JA6VQA
JA7JWF
JF2UPM
JG3LGD
JH1NYM
JR1BAS
JR1BLX
JS3CTQ
K4SO
K6KLY
K9US
LA7JO
LB8DC
N2NL
N8KOL
NN4R
SP3CGK
W9RN
ZS6EZ

312
AA5AM
F3SG
JA1SYY
JA1XCZ
JA7QVI
JH1AGU
JH1QAX
JR6FC
K1HT
N1IBM
N5ORT
RU3QR
SV1CNS
W7CT
W8HW

311
CT1FMX
IK0PEA
JA2XYO
JA4MRL
KM4H
OE3SGU
OZ4O
PY2XU
UR0MC
WB9CIF
WD9DZV

310
HB9SLO
JA0CRI
JF8QNF
JG3FEA
K0KX
K5XI
K6RO
K8AC
K8FL
LA9AJA
NS6C
RA0FF
RL9F
SP6HEQ
W0YG
W4BP
WB0TEV
ZS1LS

309
JA1EOD
JA1VSL
K1AR
K8QM
K9ZO
NN4SS
NU8Z
R9TO
RU3DX
RX3AGD
SM2OAN
UA4LY
W2JU

308
DL2CHN
F4BKV
HK4SAN
IU7QBB
JA1IZZ
JA2WYN
JA7IC
JA9TWN
JG4AKL
JH1SJN
JL1RUC
K0GY
K0KVR
K2UU
K8OM
KI0KB
KN5O
KS1J
N8TR
NQ1K
R7NW
SP9JZU
VA5DX
VU2NKS
W1YM
W2QO
W5ADD
W6ENZ
W9MU
WA8WV
YS1RR

307
A65BR
DK2JX
F2JD
G0BLB
HB9TKS
I5HOR
JA2XW
JA3GN
JA6WJL
JJ3HGJ
K2SHZ
K3RA
K9RX
LU8EKC
NI6T
W7DO
W7OM
W9JA
WA5VGI

306
DL1KUR
DL5EBE
HB9DDZ
IK4PLW
JA2VQF
JE2LPC
JR2UBS
K5WAF
KD3CQ
N4TL
OE5RLM
R8TX
R9FM
UN7JX
US5WE
W5AJ
WE9R
ZL3JT

305
DJ4XA
JA1IOA
JA7BWT
JA9GPG
JE6TSP
JH7RXU
K0JUH
KG4W
N9AU*
PA5TT
RA9CMO
SM3NXS
UT2UB
W5XC
YB1UUN

304
DJ9ON
DK5AD
HB9CEX
JA2NDQ
JA9FAI
JE1DXC
K8GI
KC7V
N7US
N9RS
UY5AA

303
E72U
EA3GHZ
G3LZQ
HB9DDO
HL3IUA
HL4CJG
IK2RPE
IK4ADE
JK1EXO
K7WP
K7ZA
K9MK
KB1JZU
LA3WAA
RL3FA
RW4NN
SM6CUK
SP2BMX
SP3IBS
SP7HOV
SP7ITB
W1SKU
WT8C

302
DJ5JH
F5CQ
HL2IFR
I1EIS
JE8CLT
PY7DJ
R5DT
RK4FD
W0VX
W4QN
WD4LBR

301
AE5E
CU2AP
HB9BOI
HP2AT
JA0DIN
JA1LSP
JA1SVP
JE1LFX
JG8FWH
JK1GOK
K4SE
MM0EAX
RN3QN
SV2AEL
WB5JID

300
9K2OD
AC0A
DL1TRK
DL4CF
EA1AF
EI2GLB
IZ5RVG
JA9AA
K3XA
K8GG
K8TL
K8VFV
PA3CSR
UR5EDX
VU2PTT
W3OA
W3RJW
W5VY
W6TC
W9AJ

299
4X6ZK
DM2DXA
EW2A
G3SVD
HB9CQK
HB9RG
IK5RUN
IZ4MJP

JA7LGE
K6SIK
K9SM
KB8VAO
N9FN
UA9FAR
UN6T
VE3BW
WA3AFS
WA9PIE
XE2CQ

298
5B4AHJ
DL7BA
G5LP
IW0HQE
JA1WSK
JA4ITW
JA5BEN
JL2JVX
JR7WFC
K2PK
K8EUR
ND0N
PY2VA
ZL1BYZ

297
E73Y
JA3RQ
JE7JDL
JG0CQK
K4MS
K6ND
K8WK
KG7H
KT1J
W6YI

296
AA4R
AA8OY
AD6W
CT1DOF
EV1R
GM0AXY
JA1JAT
K3PA
K6FW
K8VC
LA8PT
N0RB
RA3QK
SM6BZV
SV9COL
UA6YW
W2GG
YO2RR

295
DL1DUO
EC3A
IW0SAF
JA1BPA
JH4ALY
JM1FHL
JN1RQV
K0BBC
K0TPP
K1GG
K4XD
K5VIP
K5ZK
N7TY
NA5C
RM0F
SM5FUG
SP8HKT
SV1GYG
W5LT
W6XK
W7AL

294
AI9L
AJ9C
CT1FCX
EA6NB
HA5VZ
HA9PP
JA1FQI
JA5SUD
JE1GWO
JJ1DWT
JR1DUP
K7ZV
KZ4V
N0KV
OE5BWN
RU6L
SV3DCX
W3JX
YO2CMI

293
DL1HRN
DL1SMA
EA3WD
IK0HFO
IV3YYK
IW1QN
JA2CXF
JH0BQX
JK1TCV
K3FRK
K4JAF
KD0Q
N2LM
N4RWG
N7IR
PY2IQ
S55DX
W7ZJ
WA4FFW

292
DL5CW
E72A
EA5AT
G4GIR
G8DX
HB9BAT
IZ0RVI
IZ3ETU
IZ8VYU
JA3ENN
JA3EOP
K5DHY
K7ZD
LU4FPZ
N8II
R6AF
SP5IWA
W4VIC
W6SR

291
4Z4DX
EA6ET
G0EHO
IT9CVO
JH1BAM
JJ1TKN
K4ZO
KP2A
LA5HE
N2TN
N7RO
PY2KP
VE3CFK
W7BEM
W8TN
W9FR
ZL4TT
ZS2DL

290
AA4A
DS1JFY
I4KDJ
JA1KQX
JA1QXC
JE2DZC
JE2EHP
KD0PO
LA2QM
LA5LJA
LU3CQ
PP1CZ
SK3PY
SV3AQR
UN7LZ
UN7TW
W1EQ
W2LK
WB9EEE

289
AJ6T
DL9TJ
JA8EJO
JA9FPI
JA9IFF
JG1WSC
JH4GJR
K3UL
KK0M
R0FA
RA1QD
S57AT
VE3EK
W9YSX

288
HB9RYZ
JA2JRG
K1DG
LZ2JE
N5LZ
N6UK
ON6AA
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS2EZ

287
9M6YBG
AA8LL
AA8R
IV3GOW
JA1XPQ
JA2ATE
JA9NLE
JE2OVG
K0AZ
K5RT
LA3MHA
N8PW
R9SA
SM5ARL
W1VT
W4YCH
W8AV
WA6F

286
AB5A
CT3HF
DL2VPO
HL3GOB
IK0AGU
IK0XBX
IZ8XQC
JA2FGL
JE3ENP
JF2WGN
K1LPS
K1RO
K5PS
N8SNM
UR5WA
VE1JBC
W3GQ
W6PJ
W8AXI

285
CU2DX
DL2SWN
EA3GHQ
EA5KA
HL2WA
IK8VRH
IZ8DFO
JA0PE
JA2IYJ
JA2VMU
K6GXO
K6PJ
LA8HGA
N8LJ
OE1WHC
PE1L
WK7E

284
DL6JZ
EI9FBB
GM3YOR
JA0DET
JA8CJY
JG3SKK
JH3SIF
JN1BMX
K9NW
N4LR
OE2GEN
SM0CCM
SM6CTQ
W1OPD
W2AY
W4FQT
W5ODD
W8BBQ
W9MJ

283
DF2GH
JA1RTX
JL1XMN
K3WW
KJ6P
OE8SPW
W1LW
W6BJH

282
K1DT
K1USA
K5UO
K8ROX
N6TA
OH4UI

PC3T
RD3AW
SM4CTI
UA0BA
W4OX
XE1KK

281
AD5Q
BA4RF
EA5OX
F3AT
I1FQH
IZ8FDH
K0GD
N2WB
N5GH
OZ1IKY
SM5ENX
W0LS
W8HC
W8KEN
WN6W

280
CT1EAV
GM3PPE
IZ3ENH
JA3XNH
JA6TMU
JF1NZW
JH1BNC
JH1HHC
JN7DOS
JR6LLN
JR7FRW
K4WNW
PY2DS
SM5CZK
UT7UV
VK3HJ
W8LGJ
W9HBH
ZS4TX

279
JE8TGI
JF2XGF
JH7BKN
JO4CFV
KF2DT
KQ4AV
OH1ZK
VE3DZ
W4UCK
WB2BIN
WO7R

278
9A4T
EA8RR
EI9JF
F2NH
JA8LRG
K2UR
N4HB
N9ISN
SM0NJO
SM4AZQ
VE3CRG
W8MHW
WF2S
WT4Q

277
EU1KY
F5PBM
F5UJK
JA8DNV
JA8EOT
JH3KAI
JK1UNZ
K2AJY
K8UT
ON4CAS
UW2ZM
W1KSZ
W2PP
W3BW
W8RLS
WA3C

276
AA6AA
DK3WW
HB9LCW
HK1MW
IZ5BAM
JA2XCR
JA7FWR
JA7LMZ
LA0FA
LA9VFA
N5MOA
ND4X
NK0S
OH1JP
OZ1LCG
RX4HZ
SM5CLE
W1YRC
W1ZT
W2OIB
W4MAY
W5GO

275
AB4SF
CT1FPQ
JE1BMJ
JG1OGM
N2JJ
N7KA
ON5UE
PA7RA
WA0RVK

274
EW1KP
IW0HOU
JA8ZO
JH1IAQ
K3PT
K6UM
KA8SYV
KA8ZPE
KS3F
RA5BM
SV9AHZ
UA3ECJ
W7MEM

273
7M4AOE
CT1BWU
DH2PC
EI6FR
IZ4DPV
JA1KPH
JA2TBS
JA6BEE
JH3GCN
JI3CJP
JM2RUV
K4RG
N4IG
NA5DX
OZ1ACB
OZ4VW
RW7M
W4HG
W8QZA/QRP

272
AF9H
DS5ACV
I5OYY
IK5PWN
JF1LMB
JH1OBS
K1UU
K6IPM
K7EG
K8BL
K9MBQ
KA1ERL
KI4GE
N2DPF
N4JQQ
N6PSE
N9RD
NV9L
OE5FIN
PA0ZH
SV1ACK
W2OO
W3ACO
W3AP
WA1S
WL7E
ZS1A

271
4X1RU
HL4GAV
IK2DZN
IZ8EJB
JH1OCC
JM1HJG
K3PU
KB1EFS
LB2TB
NN4X
UA3TT
W1MK
WA0MHJ
XE1MEX

270
7K1PTT
AA4FL
BA4MY
CT3MD
DK8MCT
EA1KY
F9XL
K0BJ
K7UA
K9JF
N4QQ
OE3HWC
PU2POP
VE6LB

269
HB9IQB
IK7FPV
IK8EPC
JA1OVF
JA1VLK
JA6GPR
JH3FHQ
JP1NWZ
K0KT
N4UOZ
N6RV
NW7E
OM4EX
SM5FWW
YB1AR

268
HB9BUN
JA1NWD
JH4HMG
K2KA
K6BV
KD4W
N2AJ
N5JB
SM6BGG
W2FV
W9OO
WA1YTW

267
IV3VBM
JA2QXP
JA7BEW
JA8UIV
K5VWW
K6EME
K7XB
KI5BLU
N3VA
SM5BMB

266
EI8IU
IK0UTM
IW7DVM
JA3BXF
K8AJS
PZ5RA
RA4CA
SV1HEP
W0FLS
W7YAQ
W8MET
WB2GAI
WB3LHD

265
4F2KWT
G3WPH
JA4FM
JH1ACA
JR1WCT
K2CBI
K2SN
N5KM
N9JV
NU1B
VE3SKX
W5DM
W6RS

264
4Z1UF
EA1KP
F6DBX
HB9DHG
IZ0NRG
JA1IAZ
JA7HRM
JR4LNG
K0DD
K1CA
K8RRT
N1EN
N1GC
PA7TWO
SV1CQN
VE3YF
VE6AX
W5PF
W6TMD
WV4TN

263
DK4TP
EA3CJ
EA4DL
HA7UW
JA1VRU
JA7XBG
JR8AMF
K1KO
K4KAY
K8FH
K9FN
KN6KI
N1RR
N7BT
NA5Q
NF1G
SM7IUN
W0GG
W2XI
WA4LOX
ZS6NJ

262
CU3EJ
I5REA
JA8BAR
K8AV
LA6UL
LA9FFA
LA9GX
N3RC
N8OC
NK4L
NX0I
SP6JIU
W5ZG
W6NWS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
WQ6Q
YB2DX

261
DK3PZ
G3UAS
IZ8IEV
JA3FHL
JA4VLK
K2FW
K7LJ
KM1D
LA5SJA
N9UA
OM8FR
SM7CQY
ZS6WB

260
AA9A
EA8MT
EA9IE
EC1AIJ
F6HLC
FG5FR
JA2FBC
JA3VPA
JA3WLN
JH3FUK
JH4ADK
JJ2WOC
K1ESE
K8YSE
LY1G
N6MZ
NT5V
SK7AX
SV1FJP
TG9NX
WA5LFD
WV8DX

259
CT3KN
DJ8NT
EA3EQT
EW1BA
JA8BNP
JE2RDO
K2UFM
NI3P
PY5CC
W1KDA
W7AH
WS9V

258
CU3EQ
DK7YY
HL3AMO
IK4AUY
JA9AGN
JR3UIC
K0TT
KH2L
SA0AQT
US0YA
W1SSN
W5JAY
W9EWZ
ZL2IFB

257
AF4HX
DJ0UT
DL9FCY
EA1JO
EA7SG
EB3CW
IK2PZC
JA6OXT
K1SM
N1API
N6HC
PY2MC
RU1AB
SV1VS
W0JM
W3FI
W8MJ

256
BH4QYX
EC1A
FG8OJ
GU0SUP
IK4HPU
JA0KJE
JF2VAX
JH1RGG
JM1GHT
K4JJW
K6EID
M0TTB
N1SV
VK3NX
W8JRK
WB7B

255
AI6Z
EA5RD
F6ECI
HC1BI
HL3DE
IV3TMM
JK1OPL
KR4F
N1RK
N5BO
VR2XMT
VU2CPL
WV9L

254
BA7IO
CT1BWW
IZ5YHD
JF2WXS
JH1VUO
JH2VVH
JJ1BMB
K0GW
K3SEW
KI1U
LA5YJ
NE8P
UA3O

253
AC9O
FG4NO
JA6IVR
JA8XQI
JH2PWY
K1FEV
K6MKF
K8DV
KE1F
N7XR
UA0FO
W2/CT1GIF
W6RW
WF4U
YB0COU

252
DL7UPN
F1ICS
G3KWK
G3NKC
JA1BNW
JA4HAW
JE1HRC
JF3PNQ
JH4CBM
JL1BYZ
K1EFI
K5FZ
KB9DAK
N6PM
SP6A
W2GW
W2ZI
W7CA
WA4CEM
WA4JQS
WV6E

251
9A4W
DL2RTL
HA5PT
JA1DDZ
JA1SKE
JA5BGA
K4VIG
K8CW
KG9Z
KJ7TEA
N4SC
N5UL
NV4B
W2JLK
W2TB
W3ABT
W4SK
W5GAI
W6DE
W8OP

250
6K5YIA
EA1RT
HA7TM
HB9EFK
HI8R
JH6PFY
JL1MWI
JR0EQQ
JR5JAQ
K9YC
K9ZM
KQ3F
OH2IS
PA0JSE
PY2FN
UN3G
W7HPW
W7IU
YL2KF

249
AF5CC
HL2CFY
IZ8GGF
JA1EMQ
JA8FFM
JH1APK
JH8GEU
K9NR
KF7F
KM6HB
N0RN
N3KN
NH6T/W4
OZ5NJ
SM4OLL
UN3GX
VE3YV
W0RX
W8IQ
W9RC
XE2D

248
AK5X
EA4DEI
G3VPW
HB9DOT
HL2KV
JA1PBV
JE2VLG
JJ1SKG
KF9UG
N4XP
N6KZ
SV1IW
W8IW

247
CT1FUH
K1PL
K3VAT
KH6M
N4QWZ
N7DED
NA9RB
PY5IP
S51NM
W7IB
W9JJB
WS5W

246
AA7G
GW4TSG
HL2EIZ
IV3KFB
JE1VTZ
JK1WSH
JR7GBL
K3EA
KB6CIO
W1KMA
W3ICM
W5ZO

245
AJ8MH
G3KMQ
HB9JOE
JA3QOS
JJ6DGP
KF7PG
N0AH
N2NW
NZ3O
OE3KLU
S55ZZ
YB0NFL

244
IK8UHA
JA1CZI
JI6IHG
JJ1QUV
K0KG
K1KA
K1YR
KK1W
W0QQ
W4REX
W5PJR
W9FI
WA2USA
WA3F

243
DS5TOS
G4XRV
JA2EPW
JS6TWW
K8ME
W1BR
W4PNY
WX2U

242
EI2HY
G4FKA
JA4ZA
JH1ERJ
JH1WJR
JK1VXE
JR1MLU
K3NQ
K3WWT
K4PB
K7FEL
KJ7M
N2NS
N6HY
NF4A
PA3BWD
RC2A
VK3BDX
W8CZN
W8GNM
WB8K
WC3W

241
AB5C
G8AJM
IS0AFM
JF6XQJ
JH1UBK
JP1IOF
K7KB
KV1E
N4OA
N9SF
W5DNT
W5QM
WA8MCD
WB8CQV

240
7K1CPT
E21EIC
G7SSE
IW3GJF
JA1DM*
JA2FSM
JN1NBU
K9JU
KF0LA
N0ABA
N4HID
PY2GG
SM3LGO
SP5LKJ
UX5UO
W0SZ
W8WEJ
XE1RBV

239
AG1A
DJ9RR
I0JBL
IZ1JMN
IZ2FOS
JA6CBG
JA7KE
JA9NFO
JE2UFF
JH1DGJ
K1XV
K2XF
K4QE
K8YYY
N8SHZ
OH7TV
WA6JA
WB4KTF

238
HB9MFM
JA0LXP
JE1PNX
JF0JYR
K9GA
K9OR
KA4RRU
M0CSD
N4PJ
N5ZC
W4KA
WA4QMQ
WB0TVY
ZL4AS

237
CT1BOY
G0VXE
HB9CXZ
JF2OZH
JH1DGQ
JR0QFA
K1RV
K2NV
LB5WB
SM0MPV
W6AER
W8UN
WA0ROI
WB8B
WB8ZRL
YO3JF

236
HB9DQV
HB9ZS
JA1HOM
JA1JYE
JA3KNN
JN1NOP
K1ACL
KM3J
KS4S
N4GN
N6IE
OE2BZL
OZ7FOC
PA0TCA
VU2CDP
W0HBH
W2YR
W4GIW
W6DR
WA1PMA
WY6N
YB2TX

235
EA7QW
EU1U
JE1IBI
K0EOO
K0VSH
K4YJ
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NW4M
TA1CM
W3MR
W7YW

234
DF7EE
DK2CC
HB9BYQ
HS1NGR
IK0LNN
JA2OLJ
JH5HDA
JK1BSM
JR1VAY
JR4LZX
K0VM
K4JC
K4MF
KE5FXE
KE8UM
KX2A
ND4V
SV8CKM
W3WST
WA5UA

233
AA9GR
AA9RR
AJ4A
DH0GSU
DS3HWS
EA5AR
JA0KJD
JA3NHL
JH1SOD
K8BN
K8EAB
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF
WE4S

232
AC9EM
EW4C
G3XLF
HB9DVO
JH0OXS
JH6DUL
JR3VMJ
K4ST
K5FNQ
KB1DMX
KK9H
N9PGG
NJ7G
NY2NY
RQ3A
SV8DOU
W2DXE
W6CYX
W9ZCL

231
AD5WB
DK6OR
HL2ZN
IK1IYU
JA1MZL
JH0AWC
K2RU
K5IB
KD6UO
LZ2XF
N8HRZ
NA4EA
SM7NDX
VU2DCC
W4UDH

230
G3LUW
JA5NPV
JA6AVT
JH7WQX
JI1VVB
K2SY
W2KA
W8FIB
W8WVM
W9YE
WB2NPY

229
AA3LX
AE0P
AH0U
DL8SDC
IK2GAJ
JA2VHO
JE2EBT
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N3PS
N4NW
NE6I

UR5FEO
W1WC
YB1TJ

228
7J1ADJ
AA0MZ
F1RAF
F5LIW
JA7QQQ
JF1RYU
JF1WLK
JH3GFA
K4KGG
KE0A
KE4UW
RA3QUA
UN9L
VR2CH

227
DF8FT
DL2RUM
I0MWI
JA0DWY
JK1SQI
K1GE
K5GH
LU6ETB
N1NU
N6OJ
NA9Q
W4DEE
W5RF
W5SL
WA9GON

226
DM2RM
EA5B
I0OSI
JH1IED
K2BA
KK4OK
N2KX
N2SQW
N5ET
N6BM
N9AOL
NG7M
VE7TK
VK4CAG
W7HR
W9DX

225
DK5RL
DS4AOW
DS5DNO
EU1M
JA0EVI
JA4CZM
JF1MTV
JH8NQV
JL3OUW
K0OK
K1JIU
K2HAT
K3SF
K4JWA
K5YU
MU0FAL
N0ODK
NA2AA
W5GZ
W5LO
W5TFW
W8UV
W9KVR
WE1P
YO9FNP

224
JA1OVD
JA8NFV
JO1LVZ
K1CBK
K2TER
KZ5DX
N3RW
N7WO
RW4CY
SM7BHH
SP6AXW
V51B
W7NN
WB0O
WN6K

223
AB4UF
AF2C
EA7DUD
HB9HBZ
I8MTQ
IK2RZP
IZ8MBW
K6IPV
KI6CG
KW4V
N4ENE

222
AK5Q
DJ9SO
DL5XL
E77S
G3SBP
IZ7AUH
JM1VRW
K2AT
K6ZZ
KB5UNX
KS4YT
KU8X
RA4P
VE7BV

221
EA2AAZ
IZ1JLG
JI1NJC
K4CGY
K4MV
K5DV
K5ZQ
KU4XO
KV4AA
N4TOL
N9JR
NY1V
RU0SN
W0BM
WA0WWW

220
AA6RR
DL4DW
DL4LAM
EA5DFV
EI9FVB
K1DJ
K1NTR
K4EU
K4MIJ
K5MT
K6MM
K7AWB
K9WX
KV4T
KZ9DX
ON4ATW
SM0DSF
UR4IOR
W5THT
W8LMG
XE2X

219
F5JSD
HB9BNQ
HL5BMX
IK5QPS
JA1FJJ
K5CD
K5JZ
KD2T
KE6V
KG6I
KI7AO
KR2Q
KR6C
N1KC
N6DX
W6GRV
WA3I
WC2K
WW8W

218
DL2NOM
DL4NBE
I7PXV
JH1OGT
K1NJ
KE3D
N4JT
SM7WVZ
TZ4AM
W5GA
WA2NPD
WC4H

217
IK0CHU
JA2NNF
JA7ZP
JG5RVQ
K0NV
K1RH
N6QI
OZ0J
W0TM
YO3IPR

216
CX2CC
DJ3XG
EA2AFV
G4VMX
K7LV
KK4OW
KR4W
KX4TT
LB6KC
NC4RB
PS8ACL
W0SR
W5VQ
W9MO
WB3D
WS1L

215
9H1EJ
AA7XT
AA8SW
DS4GKF
HB9IIO
I1YDT
I5XFD
IZ0BVU
JP1GUW
JR0AMD
JT1BV
K1TZQ
KF4NEF
KO6KD
N8NN
RN9N
W0FG
W0TT
W1JGS
W4IS
W6SL
ZL2AL
ZS2Y

214
3A2MW
DJ3AS
F4GVO
HB9VAB
K0QQ
K2AZ
N9KW
PY2RO
SP7ICE
W0KCJ
WB6BFG

213
9A1AD
AG3V
DK3UA
HB9HIT
IT9ODQ
IV3FFI
JA0LFV
JA1FVS
JG1JPE
JG3RWX
JR1EFG
K5ALQ
KK2M
N6PEQ
N8GP
NA2M*
VK3FM
W1LE
W3BJ

212
G4ZOY
JA1BWA
JA3LDH
JR2PZX
KU4BP
N4FN
SM5AOG
SM7GIB
VK5GR
W5DAW
WW2DX
YL2TW

211
JE2KSM
JJ1JMZ
JJ1KZZ
JO4JDU
K3SX
KT2C
N1BY
VR2XLN
W6WF
WY1G

210
AA4LR
CU3AN
JA7FAS
JH6RTO
KD4SN
KD8RQE
LU4FW
PY2WC
S54A
W5WP
W7FP
W9IL
WA9BZW
WK8A
YB0DJ

209
JH8UQJ
K0LB
KB2FCV
KB4MRX
KO8SCA
N4TD
N9XX
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208
DL4FAP
HP2NG
JH0NOS
K0THN
K4WES
K5RJ
KC2SST
N7WS
NU1O
NW6S
W1FA
W4WN
W5FPT
W6UC
WA6G
ZS1J

207
9K2BM
DG5LAC
JA7MAD
K6ZP
KE1VT
M0HIH
M0IKW
N9AKR
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206
AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JF1IRW
K8NK
KK5OQ
KK9T
KW4CQ
N6ZN
N8BJQ
ND3L
NW7US
W7IUO
WA3WZR
WB0N

205
AC9S
DL6UNF
GM0VRP
IK0WRB
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL
K5VR
K9SG
KW1DX
N2KI
OH3OJ
WA4MME
WI7P
XE1J*

204
KB5HC
KM9E
VU2IBI
W4GP
W7IV
WB8BZK
XE1L

203
7L2QAD
DF3EC
F5NBX
IK2RGT
IZ0BTV
JA0CIU
JA7JPZ
JH8NBJ
K0CS
K1VI
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KK8MM
KL7TC
KM7R
N2ZA
N4TV
N6PAT
N7ELL
SV1FKZ
W1DYJ
W3BNN
WA3FRP

202
BV1EK
DL8DWL
IK5BOH/2
JR1IZM
N8WD
W1AW
W3NS
W4RDX
W7TUS
W7VY
WE2N

201
GI4OWA
IZ0GYP
K0MFI
K2CYS
N4PYI
RT5A
W1OP
W6AEA

200
HB9AGO
IZ5FSA
IZ8EKL
JA3EY
JA7DPC
JH1FVE
K1ZJA
KC6JAM
KM4VI
LA6OP
N1IA
PY3VB
VK6LC
ZS1DX

199
AA3TH
AC0X
AD4AA
HI3T
JH0RVY
JI1WLL
JM1SZY
K4SX
K4VNY
KI4WCQ
MU0GSY
N2RR
PB9FN
V51YJ
W6JZ
W9LN
W9RXJ

198
AG7N
DJ0MCH
IV3BSF
JA6ENL
JM1ESG
K7PT
KA1J
KZ1W
N3ND
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197
4X4MF
BA4TB
EA1DLU
IT9AAI
IV3AVQ
JA2MNB
K6TAR
K8SIA
NN5E
W4DAO
W4HZ
WQ5R
XE1H

196
CT3CD
DF2UA
G1VDP
HB9ESS
I7LGM
I8YAV
JA1XRA
KD1AB
N2GZ
N3QE
N4HN
NA9A
SP3F
SP5MXZ
W5AAJ
W6HYI
WB5NHL

195
CT1ELF
K3NF
K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
PP7LL
SQ7FPH
VE3YXO
W3ML
W3SB

194
A65BD
EA5ZR
K1LT
KP3AH
KR8T
NJ3K
SP6EIY
VU2LBW
W4DC
W5UHQ
W7PAQ
WA1NXC
XE1R

193
7L4VYK
AE4CW
DH3KM
I4UUL
IZ5MOQ
JA0AXV
JA1QIW
JA3PRM
KM1C
LZ2ZG
NU4B
PY8WW
SM5ELV
W8NN
WA9DU
WB6CJT

192
F6FYD
HB9FBG
IZ7GIT
K1JD
K6XN
KJ4UZU
KJ4YLO
N4XYZ
NC2Y
UR3EO
VA2IG
WQ5T
YB1TQL

191
AA4NC
HA5CW
IT9IPQ
JH1FNU
JK1AJX
JP1LRT
K1RI
K8QKY
N4DWK
N7MQ
NK7C
NO0B
OV5O
OZ7DN
VK2HV
W5IP
W8UQ
WB4DNL
WF1H
WI8R

190
AA4U
AC4VM
DJ9KV
EC7B
F4DSE
G3WW
G4XEE
HL4CCM
JA2ITK
JA3AVO
JH8KFE
JI2UDK
K7UT
K8ZT/QRP
KD0AA
N3AIU
N6MXU
SM0BYD
W2OR
W9ROG
WA8LRW
WB4GLI

189
I0LYO
IV3KCB
JA1SGU
JG1SWM
K3DFL
K3HW
K5RKS
K5TN
K6UXO
KY5I
N2MEE
N6NU
OH2LHE
ON6KE
RM3DA
RN3CT
SM4BZH
VA3OKG
W4AEJ
W5SUM
W6DPD
YB4CHP

188
EA7AN
JA0GCI
JH7NTW
K2AX
K2DC
N2ZZ
OZ9XU
PY2RN
W0PE
WV4V
YO2DFA

187
EA5HM
F4WDL
IK8GJR
KM4NS
N6VNI
W5ZE
XE1YD

186
AF6PK
K1BZ
K5EWS
K5QX
K6EGF
KC6X
KK0DX
N5QS
W8RV
WA5IPS
WZ4RC

185
JK7LXU
K0KP
K3PP
KE5BR
KQ4EE
OZ3SM
UN7BK
VA7ZT
W0QC
W2WG
W6RKC
WV2I

184
AA4UC
AD6ZJ
EA5RU
IK0HBN
JA7FVA
K3JM
NW7M
SM2EJE
UN7BY
UT7KF
W6BK
WB2HJV
WB3BFC
WB4YDL
WB5STU
YB1RUS

183
IU0ICA
JA2KSP
JA3UNA
JE4CIL
K6LRN
NA2U
W2CG
WF8R
YB2TS

182
4X6KJ
I5FLN
I8LWL
JA6SQR
JI1CQA
JK1DDG
K5DCW
K7LAZ
K9AQ
KG4JSZ
KL0S
KS0JD
LA5LT
N4MIK
N8NA
N8NB
NZ5O
VU3CAU
W6SFK
W7WZ

181
AE4M
EI3CTB
IZ4AIB
KY6R
N1HO
N6VS
N8AYY
NN9X
NV4A
UA9AEU
W6TK

180
A61BK
AA4AK
DK1NAL
JH1IZR
K0IL
K2SD
K8SL
N7VPN
NA5S
VR2XYL
W0MS
W4DSM
WA6EZV

179
DL5MHQ
IK1ZNM
JA3EEM
JH1XFR
JK1JAS
JR3ADB
K4WZ
KB7AK
KE5TD
KJ6NZ
KZ2R
N3KV
SP5ELW
W0ZS
W1HS
W4CCS
W4TUN
W8QXR

178
AA8KY
EA8AXT
G4DDL
IW0BYL
JA1ERB
K1ZE
K3VAR
KL7TS
KU1T
N4ST
N5FEE
N6DHZ
OZ1HPS
W7HUY
WB6AXD
WC0W

177
4X6UU
IW8CGX
IZ2EWR
JE4RAL
JF1LZQ
JG3KLF
K2JL
K2MK
K3OX
K8YE
KF4VTT
SM5CBM
SP9IZV
VK2AAH
W0IKD
W0JW
W1AO
W4KVS
WD8KND

176
DL6NW
F4FLF
G4AYU
JH8FIH
JR1FHP
KK7YC
KT8D
KW9U
LA4JGA
LA7EIA
N1JP
NM1G
VE1VOX
W4LEW
W9WO
WA3GNW

175
AG5CN
EA6UE
IU8IYE
IW1PUR
JE3PCP
K0KV
K1ROA
KD4POJ
KF2OG
KF6HI
KN7D
N7NG
NS3L
UA1OM
UA9AGX

174
AD0K
AG4Q
DL5KUA
HB9HVG
JL6USD
JR3TOE
K1XE
K5CR
K9HQM
K9UQN
N7NW
NG9J
W5JMW
W5WI
WA4BIM
WA4NUF

173
AB6CF
AI9U
DM6MA
HB9DVZ
K6UNE
K7STO

K8JE
LA9VBA
N7HN
N9DR
N9IO
NC7B
NX2X
SM0EUI
TF3JB
W4DTA
W7VAS
WA7BNG
WY7FD

172
EI1DG
JA1BON
K5TA
KI6MQX
LZ1XL
N3AO
N5PA
N7GCO
SP5ES
W1ASB
WB8QZM
YB4IR

171
AA5N
AD3C
CT2GZE
DL5MM
F9CI
IZ0CKJ
JJ1BDX
JL1GYZ
JS6QOM
K2TV
K4NTO
K4WY
KB0V
KC5LK
KP4DKE
N8WRL
NA6O
ON6MX
W0MU
WA4DOU
WA5KBH

170
DL2JIM
EI5KO
EI6AL
JA1GVT
JG1GJH
JK1BIB
JQ1PCX
JQ1YIW
K6JJ
K7CU
LA2GH
N4VN
N6EM
N8VV
NX4TT
VE1OP
VE2YG
W0OGH
WA4USA
YO4AUL

169
AC0DQ
DM3CW
JA1KXT
JE1PHH
K8ZZU
K9OT
KI2D
N4MI
N5MT
RD3BD
SV1IZY
WA6QGH
WB8EKG

168
A92IO
AB4GE
EW1P
JA0PZJ
JE4KCN
JH1ORA
JH3EQP
K0PC
K0PX
K0RAR
KF0RQ
LU8ADX
LX1CW
N6MB
OE1ALW
R4FAN
SV1XV
VR2MY
WA9IVH
WX0Z

167
JA8BOV
JE3FOR
KA5JSM
KB8NTY
KD3HN
KE3X
KH6XT
N1ZJ
N4PL
N8JS
N8OQ
N9ATF
PT2ADM
PY2SEX
TF3VS
WA0SXV
WA5NFC

166
AL7R
DL1SVA
GM7NZI
HL4XM
JG3KMT
JR6GHN
K0FLY
K7CTV
KM4HQE
KN4FO
KR4BD
KW4J
SV2CLJ
VA7DX
W4PGC
W6FL
W8SAX
WA1ZIC
WA5NOM
WB3JFS
YO3AIS
ZL3RJ
ZS6IR

165
AG6HE
CU3HN
EI5JL
HK3PJ
HL1VAU
IK0XIH
JE4WOK
JF1KML
JR1KBJ
JR6LDE
K3VPZ
KG4CUY
KG5NP
LA2XPA
LB7ZG
N2RJ
N3KS
PT2ND
RA0BA
RL3BZ
VK3TC
W2FS
WB2WPM
WB9PNU
WC4X

164
AC4BT
CT3DL
DL7JRD
EA3HDZ
EI6IZ
IZ0GVZ
K6CF
K6GFJ
KA1API
KB7QFE
KD8MQY
N2XQM
N7WI
NA2P
PT7DX
S50B
SP7QHR
W6SIY
W9CSX

163
4O3A
AA4OC
AI4QQ
DS4NPL
EA1AZ
F4CPF
HA5BSW
IK2ULM
JA0MRW
JA4GXS
K0ABC
K0CF
K4GN
KE1B
KO4PRE
KW4MM
LA1CO
N0AMI
N4KM
N7KDT
N9LEO
R3IS
SM7CZL
VA2LC
VU2MSA
W1OK
W1XV
W4PGM
W8MIL
WB9B
XE2YWH
YO3DDZ

162
4F1OZ
BH4IGO
DJ7JC
DS3EXX
EA2AGV
HS8KAY
JR4CZM
N4BAF
NP3CW
W4NBS
W8FN

161
HL3ERJ
JP7FSO
K2OP
K4AR
KM4A
N7QT
NA6XX
OH3PYY
OK2ZDL
SM3PHM
W5BK
W5RDW
W6DOE
W9GG

160
E70T
EA1WH
JA1ITJ
JA1UOA
JF3VEC
JG2LGM
JK1EBA
JK1NPH
JR1CAD
K7LY
KC9K
N0IW
N4MEC
N5WA
N8IL
NI5F
W1TO
W9FF
YO8CRU
ZS6RJ

159
AA3AZ
CT1ESO
DD0VE
DK8IZ
EA1P
IK0WMJ
JA0ED
JA4FKO
JH1BHW
K0IO
K1EDG
K9QJ
KC4HN
LA8ZAA
N1MD
N4VG
NE5S
NF7D
OT1A
VA3NXM
W1EBM
WD5BJT
XE1MW

158
9J2BS
G4SGX
IK3DVY
JJ1KXB
K4HQK

K4SAF
K8GWU
KB2XJ
KC3AK
KF7NN
KJ7NO
N4XMX
N6MM
N8TFD
OH3DP
W0JMP
W8LIG
WB2RAJ
WB9ZNZ
WT2P

157
7N3IJT
AB2E
E20YLM
EI2JD
GM4KHE
JA0NZR
JA1UBZ
JA3MHA
JE3OUW
JG1XBM
K0SRL
KN7Y
N0SL
N4QM
N6VH
N7JB
N9AZZ
N9MB
PY1NS
W3HKK

156
EA3HPX
G4FTC
GM3WIL
HB9HHH
HB9MXY
JA1CCG
JA2ODB
JA9RT
JH2AJY
JL3DGI
JM1LPN
K2HT
KA9OKH
N5QZ
N7RD
W1MR

155
5P5Q
DK3QM
F6KOP
G0THF
HB9GWJ
IV3TDM
JA0EBV
JA6SUY
K2DF
K4EZY
K4WM
KM2O
M0IFT
N1QY
NH6L
NK7Z
NO9E
NU1T
OE1HHB
UT7EC
W5SV
YB1AYO

154
AC8TO
AJ8B
DS5WQT
JA0GZZ
JA4HXF
JA8ANQ
JE6PJP
JH1AQN
JM1JZN
JR3QHQ
JR7ILA
K5DXR
KC1ERO
NE5W
W4CIR
W5TMC
W8TM
WA9MAG
WN7J

153
HB9BEM
JA3UOQ
JH2NWP
JR7MAZ
K0YL
K3GO
K4OY
K8ROK
K9MMS
K9YZ
KF9LI
KK4XL
LA2IR
M0MCV
N0VVV
OH3FVP
SP5NON
W3DIY
W8OM
W8VK
WB4SON

152
AC6BW
AK9B
BX5AA
DF2WF
DU1KT
G4AFJ
IK5BSC
IZ0FUW
K2EK
K4RDU
KD2OV
KE9S
N8IK
N9GKE
ON4LG
R9JX
W2NY
W6RFF
W7JET
YV4DYJ

151
AD5MD
DF1IR
DL4KUG
IK1UGX
J68HZ
JA2BUR
JI3BFC
K1QN
K3GW
K4DET
K7LAY
K9AAA
KE4BKL
KE8G
KK4CLY
N7MB
NU4I
SM0NUE
VA3EJN
VA3HP
W3HER
W5WLA
W6WA
WA9JWL
WC2C

150
DK3BK
DK3FB
DL9SAD
HB9EBM
IT9ABN
IZ2MHT
JA1IHD
JA7GZM
JR7XOD
K5HK
K8WHA
K9RT
K9UWY
KI7M
KX5U
N6JOJ
NM4SH
ON6ZV
SM0BSO
VU2NXM
W3KB
W4IDX
W4NE
WL7OU
ZS1C

149
7N2JZT
DS4DRE
ER0FEO
JA0JPD
JN4FNZ
JS6SCC
K2KIB
K2RET
K4TXJ
K9EXY
KD4EE
KM2E
KP4DS
N0STL
NE0U
NU4Y
NZ0O
RT0F
TF3Y
UA9MC
W4MA
WA1EHK
WF7T

148
4F3BZ
A71AM
AE0MO
F5NNN
IW5EIJ
JF2AIJ
JR3PKO
K5LY
KA3GWD
KB8ZUN
LZ1MDU
N0TK
NJ6K
PY2CP
VE6TL
W4AFB
W4AG
W9GM
W9MAK

147
AB9KZ
AI6P
G3VQO
I4JEE
IS0/YO3RA
JJ0LZQ
JK1OTP
K3GGN
K5UZ
K8MRT
KB1HY
KB9LIE
SV8RX
W3NRJ

146
AE5B
EA4D
HP3TA
JA3KWZ
JE1COB
K1IG
K6NR
K8ARY
K8POM
KB9AIT
KM8AM
N6FS
N6RK
N9MR*
NJ1Q
SM3DXC
TF4M
WA2MUA
WA3SKQ
WW8RT
XE2B
YB1BML
ZS6UT

145
5T5PA
AA5TL
AC7JM
AL7TC
DL1MEV
EA4S
EA7LS
EI7GY
F1OBJ
JH1CTV
K5FXB
KQ5M
KS0M
N6KK
NS4X
W3DQS
W7NP
WR7Q

144
AD0TR
DL6DCD
GM0VIT
K1TKL
K7QBO
K8OS
N5UE
RN0C
TF5B
UY2UZ

W0AIH*
WB9W
WX3P

143
AA4MM
AF3X
FM5DN
HB9AAA
JA1MOD
JF2RSF
K2OO
K6LPO
K9BQL
KE4FW
KG6D
KJ2U
KJ4R
KN7K
LB2TG
N2YBB
N4GBK
N4UP
N7ZA
TG9AJR
W4JVN
W4UFO
W7VS
WY0V

142
AA4DD
JA1PUK
JI1UHZ
K2CJ
K3GT
K9UO
KA6BIM
LA1J
W8WV

141
7K3QPL
9H1AE
EA1T
EI3ISB
HB9EXQ
IZ3XEF
K2JK
K4RM
K5VG
K8RCT
K9AAN
KA5SYP
KA5VFU
KE7BMG
NZ6N
SV2JU
VE3FAC
W1NA
W3IZ
W5GOL
W6HDG
WK9U

140
AD9DX
EI6JK
EI7JZ
JG1RYQ
JJ1OKK
K0UBR
K5GZR
K6EV
K7VC
K7YMG
LA8PDA
LZ2HM
N5JED
VE3NJC
W5VU
W9BS
WB1ASL
WW6G
YB3MM

139
F5VML
HB9ARK
HB9DTE
HL4CBX
K0QB
K2WJ
K9TRV
KX4I
N0CKC
N2SG
N7NF
N7UJJ
R9MJ
TA1PB
ZL3TE

138
AC5AA
DL5KUT
DL5ZB
G0FWX
JA0CVC
JA1PVX
JA1VRY
K2YSY
K6CW
K9BO
KC9G
KF6A
KL7NW
KU9S
N3PV
N9BVA
OD5YA
PV8ABC
V31CQ
VE3MSC
W0UHL
W4DWS
W4EJG
WA5POK

137
DL2RD
G3PSM
HL1MKT
JH1SBE
K2CDJ
K2RKJ
K4AU
K6IRA
KP4N
N5RN
N7VZ
N9NFT
NI4Y
OE3JAG
SM5CSS
SP3EPG
TA1AL
W2GGY
W4UEF
W9MR
WA0WOF
WA5YOM
WG0G
WS1F

136
AC9GK
DM5JBN
G0OSK
IS0EBO
NT5EE
ON5GF
ON5RKN
VE3FRR
W0ANZ
W4GH
W4PV
W7KKC
W7SX

135
AB4FH
F6FHZ
GM5YTT
HZ1GW
JA1DCK
JA3MIO
JA7MWC
JJ1HLL
JL2ULM
K3HPA
K3WGR
K4OP
KC3RKW
N7TW
NX8Y
S53MJ
W5IO
W7QHE
WA7HR
WB3AVD
WB6FWS
WB9IWN
WO5I

134
AB0RX
AB1J
DL4ZAB
EA6AZ
IZ8DEO
JA5SEY
JA6GXP
JR0GXA
JR1HYA
K3KY
K7FL
K7RAN
K7YZO
K9JDP
K9SUH
KA9JCP
KD2SC
KF5WCP
KN4OK
LB5GI
N1AH
N2TC
N6XT
NC6RJ
PA0QRB
SM3WMU
W1DAR
W2KNG
W4UAT
WB1DX
XE2AD

133
7J1ABD
DL8OH
G4NBS
GM1BSG
HB0WR
HK4EB
JA5IBP
JM1JIV
K6ME
KC2STA
KG6WIK
KI4TZ
KR4DA
LA9KY
N1BKB
NT9F
OH4KRN
OH7HM
VU2ABS
W1GY
W1ITU
W3MF
W6OUL
W9SE
WB1S
YO3GJC

132
AA4FU
AK3E
AK6I
I8NLC
IK8OZV
IZ0COI
JA9KRO
K4BNF
K5SES
KB8KIM
KD3UY
KG8OU
KI7HO
KK5ID
M3DFW
N3TR
N4EDT
N4QOG
NN3V
ON6YH
PY2OP
SM7DXQ
UW7UA
VU3WEW
W3KHZ
W4MC
W5FL
WA1HXH
WA1KXV
ZS1EL

131
EI5GM
JH1IIY
JK8VMB
K0ARM
K7GA
KA5IAU
KO4DKI
N0AKC
NG4DX
NN6K
VE3NKS
W5EC

130
AA4QE
DL1SWN
JA2LMY
JF2OHQ
JH3PRR
JL4BSE
K2MHE
KB3IFH
KD2NF
KI0HA
KN4JX
N2YF
N5JEY
N7TM
N8BK

NS4F
OZ6TL
PU4MMZ
W1MO
W9CTJ
WB8RFB
YB2IQ
YO8PS

129
AD6KQ
AE7U
DS4EJA
JA0AVS
JA1PLT
JA2ACI
JA3WMS
JH1RFM
JM1CMA
JN1SUT
K7ORK
KB4KBS
KN4WOJ
N9AVC
PY3OG
SM2YIP
VK5CE
W7TG
XE1ILI

128
A71XX
EA1AHA
EA3NG
EI3IO
F4GTB
HL2DBP
JA6NQT
JH1AWJ
K6OJ
K7PTC
K9YKL
KC2WUF
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KG2U
N0JR
N5EI
NR0Q
R3BB
UR9IDX
W0QD
W5MF
W6IS
W8BI
W9EBO
W9TO
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127
7Z1HL
AG4TO
DJ5DT
DL9GTB
EA4TX
G8BCG
HB9TJG
HK6K
I2YPY
JA0BES
JE2VYM
JG1LRE
JG5DHX
JH1HRJ
JI1MNT
JR1LZK
K2GW
K7LFY
KF3N
KS8W
LA2LI
N0AB
N0DL
N1BZ
N3GTG
NA1RL
ON5EQ
VE3EDY
VU2TMP
W0MF
W3KN
W4BH
WA2BOT
WB2KSP
WB9TFH

126
CU7AJ
DS3EXT
EI4HH
IK4TVP
IU8GNY
IW7EDZ
JA5CDL
JA5XPD
JH4GXE
K2GLS
K5KDX
K7PO
K8GT
K9QA
KC5RR
KC9WPS
KK4CB
KM4CQG
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N5HC
N8YQX
N9XG
VE3TMG
VK2DAG
VR2VGM
W8VI
W9COS
XE3E

125
AC4XO
EI8GS
G4EHT
IK8PGE
IZ8EYN
JP1GVC
K0MD
K5NOF
K9ARZ
KK5J
KK7BR
NA7RH
NN6CH
SM5AFU
TF3MH
W0XE
W4AO
W5CWQ
W6PG
W7FI
WA1LAD
WA4TMJ
WM4AA
WR2G

124
7L3SQL
AA5H
AF8C
DJ3EJ
EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JI1DMH
K3SUI
K6VVK
K7HC
KB8DID
KC2NJ
KC4AA
KD9ZR
KK4TKJ
KV8P
N0YO
N4LSJ
N5VBK
NT4K
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ZL3REX

123
AB9BH
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JL3RNZ
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KC2THY
KD0KZE
KG4OJT
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LX2SM
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PY2ADR
SV7CUD
VE3VHH
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W2WGK
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ZS6NK

122
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K0HQW
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K4VAC
K9KJ
KB4ET
KN9N
N1ZZ
N4GRC
N9ATD
UT9LC
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W1HEO
W1KKG
W5HNK
W6HB
WF5I
XE2MX

121
AB4BJ
AK0A
DL7UGO
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
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K1LTJ
K3CWF
K9MQ
KK4ODQ
KU2A
N3ER
N5ZY
NA2R
NA4MM
NY4G
OZ6EI
TA1L
UA0FDX
UR5FLN
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120
AA2T
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AI2S
CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA1DCO
JH5OTE
JJ1XVA
K3QB
K9CHP
KJ6Y
LU3XX
N0TR
N1TQP
N3DV
N3GS
N4UFP
NJ8G
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB
W1RG

W5RYA
W6GJB
WT5L
YB0AZ

119
DL2VWR
F5BAR
HL2MHU
JA6JYM
K7LOL
K8EB
LU9DO
N1GNB
N8LCU
ON8PHD
SV1BYI
SV2KF
VK7AP
W1ZK
W3MRL
W6ZPL
W8EOG
ZL2AO

118
6K5AQY
AE1T
AJ6X
DJ9KM
IZ0RPS
IZ1JIZ
JA6CMQ
K9KJS
KA9JAC
KB3KJ
KD9BIE
KG5VK
KX6C
LZ1XZ
N2SO
N3HYB
N8KUS
VR2CC
WA7ZXD
WA8RCK
WB5TOI
ZS2I

117
AD7L
CE3FZ
F8EZE
IS0BZR
IZ7QFN
JA9KA
JM3GXU
K0FF
K4AEH
K9LCR
KA4AHU
KB2S
KB5CSQ
KO4PY
KP4ED
KZ1X
N8AGU
VE7NY
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W4ARK
W4PG
WB9WHQ
YO6HOY

116
6K2ILX
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EI4BZ
G8GHD
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JA2KPW
JT1CO
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K8MN
K9GWH
KC1RET
KD5RBU
KQ5S
N0ATQ
N0UCR
N1GFV
N2ZL
N4KEB
OE6CLD
RW6MBC
SM1NJC
VR2IL
VY2RU
W1HQ
W7WES
W9LU
WA4VJK
WW5RC

115
AA9WO
AF7WM
E74A
HB9MZI
HL4RBR
IW2FLB
JA0NPQ
JH8LEY
JJ2VLY
K5TU
K8CR
KB4CRT
KB7V
KG4URP
KV7N
MM1PTT
N7PIB
NE1RD
NG0G
NW6V
OE5MPL
SP5BMU
W0LGQ
W3UNX
W4OV
W5WS
WB4MM
WJ5K
WS4H

114
G3CWW
HC1HC
I0BJV
JA1CCH
JA1CPU
JA8EIA
JG4OOU
JM3XZC
K1RE
K2IRM
K3PL
KB1W
KI8AE
N3DD
NA1DX
NG8T
NK5K
W0QKL
W2ZK
W8LR
WD0AJG
WN0L
WT9U
XE1EE
YB2BNN
ZS4JAN

113
AB1NS
DL2DCX
EA5DPL
EI2FG
F5EOT
F8GB
G0UII
G4NAQ
G4YCS
HB9GZE
JA2CPD
JA4CSJ
JF1AZQ
JH1GNU
K1JKR
K2KNB
K4JDJ
K4JLD
K4TR
K5WRE
K7BWC
K7MO
K9DUR
KA5OWI
KB1OIQ
KB2TGU
KC0V
LU3JVO
M0NGN
N6DW
NA9L
S52R
SV2DSJ
VA3AYA
VK7ZE
W1FC
W3JM
W6BBS
W7CD
WB9YJE

112
3C3CA
7Z1CQ
DL5FAC
G0DTX
G3YFE
GM0SCA
IK4EWN
IS0BQE
JA4RED
JA8WGX
JF3AHI
JH0LME
K0XM
K4HEB
K4ZMV
K4ZRJ
K8CJY
K9KDS
KH6P
KY6AA
N0OK
N8AID
NQ4A
NZ7Q
S51DV
W1USN
W3WN
W4LLP
W5GCX
WB2UFF
WD8LTM
WF4W
WJ1B
WN1M
ZL3PAH

111
AD7XG
AJ6V
AK4N
EI9CN
F8DZY
G4ZWY
HB9ECS
JA4DLF
JA5EEU
JE1TNL
K2KYH
K5NV*
K8ZEE
K9JIG
KI2Y
KM5VI
N4NYY
NT5O
PT7CB
TA1UT
TA2RC
TA7AZC
W7WT
W8PE
WB8PKK
WU4B
XE1ZTW

110
AC0B
AG5Z
CT7ANG
DK4MX
EA1BLA
EI9HX
G4VWI
G6MXL
HB9BEP
HG6IA
IZ1EPM
JF3KOA
JH1FRW
JR2PAU
JR4DHK
K3MSB
K4KAL
K4RP
K6DJ
K6SLO
K9TVG
KF8PD
KV3W
N1TQ
N3YZ
OE6BME
TF8GX
W1ZZ
W5JE
W6TCP
W7YED
W8TE
W9GFB
YB1SKR
YO5QAW
ZS5LEE

109
AA4RX
AC8AZ
AF3K
DL9QJ
F5DBT
F8DHE

G0MMI
JA5GOJ
JA9IWR
JH4GNE
JI1IZS
K0FD
K4AEN
K6JAD
KB7DT
M0AQM
N4LS
N4WD
N6RVI
NN8L
NW6R
NX1P
NZ3M
PF7M
PV8AJ
PV8DX
SP7ASZ
T88UW
W3ATV
W3GP
W4JDS
W5SG
W7CB
W7VP
W9JJ
WA6URY

108
7M4CLF
AC8MR
AC9DX
DB9CR
DL1TPY
DL2AMD
DL2NAI
DM5TI
DU1IVT
E70X
EA5XV
G5CL
IK1RKN
JA2DCN
JA2KGQ
JH1OVY
JR4NUN
K1FUG
K3XO
K4GHS
K8LBT
KC8YG
KE3ZT
KE7AUB
KI4SFT
KJ2AM
KJ4SKO
KO4XI
KW1X
LU2AH
N2IFA
N5FPW
N5TW
N7TP
TF1A
VE7VV
W4DVG
W6CN
W7SMW
WB5ZAM
WC4B

107
AB7RW
BG8PA
DJ5FZ
DK2GP
DS4OMS
E73D
EA2BFM
EI5GSB
IC8XIL
JA3MAT
JE1CTA
K0FJ
K2FJ
K2ZD
K4LQ
K6DLB
K7UWR
KA4LBD
KB0EL
KF2G
KF6XA
KJ4FZ
LU5OM
N0MHL
N1UZ
NI8Z
OV2B
PP5VA
RM6LW
SV3EXP
TA1CQ
UX5XK
V31MD
VA2GA
W5HY
W8JA
WB2BXO
WB2MKX
WC2L
WM4W
WS7I
WU1U
ZP6CW

106
AB6WQ
AC7DX
AC8IL
DS2GOO
DS5MNO
EA3AGY
EW4DX
F5VIF
F6JSZ
G0OJG
G0RPM
G3LPS
G4FVZ
HI7SB
IZ4IRO
JA3AOP
JA3FRI
JF7NNI
JJ1IRS
K6VWE
KA9TOX
KI0KN
KI4NSP
KM8V
KR4U
KT5V
M0PCB
N4DJT
N6UOZ
N7MW
N8OYY
N9ZJ
NG4C
NI7F
NS7K
PT2DF
PY2OC
UA0ABB
VE3BHZ
VE3XK
VU2MB
W0TLX
W4/KL7GLL
W6KF
W7GB
WA3IIA
WA8Y
WV4E
ZL3RIK

105
AA2F
AI1W
AP2IA
DL9GTK
E29TGW
EI6GF
G3LOJ
HL4GHT
JA1JYS
JA1SZN
JE6UWU
JJ2BLV
JK1AIA
JK1AKA
K0MB
K1ETA
K5WE
K6GCN
K7CMZ
K8FB
KJ8N
KK4MA
KR0P
KZ4EX
LA9JKA
LZ1JZ
N2YU
N9APK
N9IXD
NC1M
NC7M
NK7L
OH6IH
PV8RR
VU2DED
W1PY
WB8LEM
WD4OHD
WK3A
WZ9B
YU1LD
YV4EH

104
7N4OBV
AA2WC
AA6XV
CT3DZ
DD8BA
EA4EJP
EI3HA
EI4GNB
F6ARS
FM5FJ
G0DRM
GW0ANA
HA5DI
HB9BMY
JA1CC
JA1DHY
JA1RBY
JH1MYJ
JI4HKA
JQ2MPJ
K0BRO
K1TWF
K2CQW
K4WW
K5JUC
K7UW
K8WVA
KE4YOG
N1FOJ
N3PW
N4PAJ
N4ZR
N8TEM
N8WXQ
NA8W
OM6CI
OZ9U
PY2YW
RV4LC
VE3ZN
VK3MB
W0VU
W9GXR
WB4HMA
WB7QXU
WF8Z
WX0B
YB1BUL
YO6HSU
ZS6HON

103
AF8P
DS5JMG
EA2RY
EI9GLB
FM4LV
HB0RER
JA7HYE
JF1KIG
JI1FXS
JP1KHY
K0OOK
K1FBI
K2RNY
K3PIN
K3TXW
K4NI
K4PWS
K4SAW
K6XJ
K7HV
K9WMS
KA7CVJ
KP4DDY
KQ6K
M0UPL
N1MIE
NB3R
NI5G
RX3BP
VE7XT
W0PPA
W2SUB
W4CU
W7KHZ
W7UV
W8EH
WA8KNE
WC9C
YB1ALL
ZL1IM

102
4X1VF
5H8HZ
5W1SA
AC0XY
DB2WD
DL4FDM
IC8SQS
IZ7QSS
JH1IHG
K1MDA

K2DH
K2DW
K4HR
K6BLG
K6JAV
KA8HDE
KB1AWM
KE9V
KO3F
N2CJN
N2FY
N4IR
N8KOJ
NA4D
NN5O
R9GM
S51MA
SM0XG
US8ZAL
VK2GR
W1GF
W1MRH
W4GHW
W7FS
W7HJ
W7IMU
W9GWP
WB4PWZ
WB7QBS
WD6T
WD9IOK
WN9A
XE1SAX
YB0EIN
YB9AY
YO6BHN
ZS2ACP

101
AA9D
AB2NI
AB4EJ
AB8YZ
C31MF
DD9WG
DL3XAC
EA4UV
EA8TZ
G3VDB
G4GEE
G4PUQ
HB9PUE
IK2HLM
JA1KZP
JA1QEY
JA5ALE
JA5JUG
JK3NSD
K0GEO
K3AXB
K3LA
K5HX
K8PGJ
K9GL
KB5YN
KC3OPI
KC4ZA
KD2RUY
KE9UA
KJ5RC
KU4A
LA3ANA
M0PTZ
M5LRO
N3CAL
N4PF
NC8I
NJ2X
NZ1I
OZ5JQ
PA3AIN
R2ARR
RZ6MJ
SV2BXA
SV4FFL
TG9AKH
UA4PK
VK4BUI
VU2OT
W0ZX
W2FDJ
W2GHD
W2PD
W3RMS
W3SW
W4PM
W6OU
WB5KSD
WD4IXD
WM5H
WU6K
WX7B
YB8HZ
YO2OXD

100
2E0XAR
9M8DEN
A41ZZ
A71EM
AA7UN
AC0DH
AD4J
AE4VJ
AF9W
AK1P
AK4AO
DB6VH
DC1TK
DK1MCS
DK7GH
DL3ANK
DL5JH
DS4GQR
EA5PS
EI2HZB
EI4DQ
EI4GJB
EW4A
F5JWH
G0GFC
G8GFF
G8GNI
GW0KRL
IK7NXU
JA7PKV
JE7KCI
JG0HEW
JG3LDD
JG5VFK
JN1RFY
JR4VEV
K1HC
K1JX
K1PTF
K2UF
K2UT
K3NO
K3RRR
K3WSU
K4GM
K4KYN
K4QS
K4RSA
K5LLA
K5MMH
K5PSN
K5VSD
K5YE
K7VL
K9EA
KA1CTL
KA2F
KA4H
KB6IGK
KC5N
KD1DT
KE1IU
KE8NOA
KF5MDZ
KF5TL
KF9EX
KG4IYS
KI0G
KI3O
KI4PG
KK6MF
KL2R
KL7XO
KR4Q
LA4EI
M1EMC
N0JX
N0KM
N0VTZ
N1KI
N3NVA
N4GOA
N5CR
N5LJL
N5LKE
N7WFK
N7WR
N8HM
N8URE
N9MKC
ND0B
NE3K
NX6D
OM2AGN
OR4K
OZ1GCT
OZ9GA
PY5VC
R2AB
SP2LLP
UR8IDX
VA2EU
VE1JF
VE3KKB
VR2PX
VU2OY
W0RMS
W2MW
W4CG
W4DFU
W4YR
W5PD
W5YKU
W6OZI
W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WK7W
WM4D
WM9Q
WU1T
YB6LAY
YE1AR
ZS6CR