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 23 Apr 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.

348
K2TQC

347
K4CIA
K8MFO
N4WW
SP5EWY
W1JR
W4DR

346
N1DG
SM3EVR

345
HA0DU
OH1XX
W9ZR

344
JA2VPO
OZ1BTE
OZ1LO
PY2XB
SM0AJU
VE1YX
W3YX

343
K3FN
K4PI
N4MM
VA3DX
W3UR

342
DF3CB
JR2KDN
K4DY
K4MQG
KF2O
N6AR

341
4X4DK
DJ6RX
G3KMA
I4EAT*
K5UR
N2TK
N4CC
OH2BU
OZ3PZ

340
AA1V
DJ2BW*
DJ9KG
JA4DND
JH4IFF
K4UTE
K9QVB*
N0AT
NN4T
PA3FQA
SP5CJQ
VE3EJ

339
EA8AK
IK1GPG
JA1UQP
N4CH
N8DX
SM3GSK

338
CT1EEB
JA5EXW
K9NU
SM3NRY
W1DIG
W7UT

337
DL4MCF
I4LCK
JA3FYC
PY4OY
SP9FKQ*
W2YC
W3LPL
W9IXX

336
AA6YQ
G4BWP
JA1WPX
JA2JPA
K1ST
K2FF
K4HGX
K5NA*
K5RK
N3XX
VE3XN
W0BV
W2LO

335
AG9S
JA4LKB
JA5AUC
JH4UYB
K8SIX
N0XA
N4KG*
N5UR
N5ZM
OK3GU
PE5T
SP8AJK
W0MHK
WK3N

334
DJ9ZB
EA4KD
JA1BK
JA5AQC
K2PLF*
K3KO*
K4XO
N4XM
N8DJX
OE6IMD
SM5AQD
SP3EPK
UA6A
W4PK

333
EA6SX
F6EXV
G0JHC
G3XTT
JA0EOK
JQ3DUE
JR3IIR
K6YRA
N4AH
PY2SP
R7LV
SM5CEU
WD5COV

332
AA1QD
DF3GY
DF4PL
DJ8NK
F6AOJ
JA0UUA
JA2FBY
JA4DLP
JA5MHD
K1OA
K3UA
K4XP
N2LT
SM6CVX
SP2FAX
UA4HBW
W1YY
W5BPT
WB9Z

331
DJ9HX
F6DAY
HB9BGV
I4AVG
IK8HJC
JA1HGY
JA2KVD
K0IEA
LZ2DF
PY5HOT
UT5UGR
UT7QF
W4DKS
W5OZI
W8UVZ
W9RPM
WB6RSE

330
DJ2YA
DL1AMQ
EA5RM
EY8MM
F6BKI
GM3YTS
HA5WA
IK4DRY
JA1ADN
JA3EMU
JG3QZN
JL1UXH
K3WC
N4JF
N8JV
N9IW
OE3GCU
OK1MP
PY2BW
SP3E
YU1FW

329
AA7A
EI7BA
HB9BZA
I4MKN
IK5HHA
IK6DLK
IT9DAA
IV3JVJ
JA2JW
JA7KY
JE2URF
K0EU

K4ZYU
LA5IIA
N5AW
NJ6P
NO8D
NR1R
OZ1CTK
SP7GAQ
W0DJC

328
AA1ON
AA5AU
DL7MAE
G4OBK
GM3POI
IZ5EKV
JA6BZI
JH1GZE
JI4POR
K1HTV
K4CN
K4MWB
K4QL
K9CT
KD5M
NI0G
PY5EG
R4GM
SL0ZG
SP6CIK
W5FKX
W5ZN
WA1JMP
YO5BRZ

327
DK5WL
DL2OE
HB9AMO
IK4BHO
JI8DGO
N6JV
PY2YP
SM2GCQ
SM5DJZ*
SP8NR
VE3FF
W2IRT
W4UM
W5XX

326
AB4IQ
I4EWH
JA1SJV
JA7MSQ
JH1TWT
LU2NI
N4JJ*
N7RT
RA3CQ
RU3FM
RZ3AM
SP6M
SV1RK
W8DCH
WJ4T*
YO9HP

325
CT1APE
CT1IUA
EU7A
JA2FJP
JA5WIZ
JS2LHI
K0DEQ
K5EK
K9EU
OE2LCM
SM4EMO
SM5CZQ
SP5DIR
W6RLL
W9OP

324
DL5DSM
EA5BM
I0WDX
I5NPH
IZ0AEG
JA2DPC
JF1WPB
JF7XKY
K0CA
K5KC
N8BM
OE8HIK
R3OK
SM6CCO
SP9DWT
W1RM
W9OL
WB4TDH

323
DK9KX
EA3GP
JA9APS
JF1KKV
JH2FXK
JR3GWZ
K8PT
KF0QR
N5TY
SM4DHF
SM6CMU
SP1S
VE2TZT
W3NO

322
CT1BH
EA5BY
G0DQS
HB9DHK
IK4GME
JF3KON
JH0INP
JJ2LPV
KU0A
KW9A
N1NK
N4DW
N4NX
N8RR
ON4CD
R7DX
SV8CS
UA3AB
UA4CC
VE1DX
W1ECT
W3LL
W5CIA
W5TCX
WI8A

321
AD1C
G4CCZ
HB9BIN
JA0GJJ
JA2BDR
JA3AZD
JH3VNC
JH4ADV
JH8RZJ
JJ3PRT
JR3OEH
K2UO
K2VV
N3NT
NK1K
OE6MDF
OE8RT
OH2BLD
ON4IQ
OZ1AXG
SM6DHU
UT7UJ
W3GH*
W8GC
W8OI

320
DF2RG
F5PAC
G3TXF
I2EOW
IK5PWQ
JA3PIS
JA4FKX
JE2LUN
JH1IFS
JR2LJO
K1LD
K6FG
N4II
N5XZ
NY0V
SM5KNV
SP7VC
UY5ZZ
VE3EXY
W6XA
W7AO
YV1DIG

319
FK8CP
JA1XEC
JE1SYN
JH3CUL
JI1DHY
K6AM
K7NN
KV7K
N4DB
N4PQX
PA3EWP
R5AJ
SV1FJA
UA3AP
W5WT

318
A45XR
AA4HP
AD5A
DJ4AX
DL6KR
EA1YO
G4PWA
JI2KXK
K2TE
K4IQJ
K5DU
K9IR
K9YY
LA2PA
PY5EW
R3VA
RA7A
W3KX
W4FC

317
AA4V
EA2IA
IK2YCW
IK8YTA
K2RW
K6YUI
KA9CFD
N2BJ
SP1MGM
W6VX
WX4G

316
DL5WW
GM0GAV
HB9HFN
JA2JNA
JA8EAT
K3WA
K4HB
K8YTO
KQ8M
LA7HJA
N4QS
RV3LO
SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315
9H1SP
AB6QM
G3VKW
HB0CC
IK4DRR
JA8RJE
JR2BJE
JR7VHZ
KE9L
N5OK
OE3EVA
ON4AOI
ON4IZ
PY2NQ
SM3VAC
UX1UA

314
CT4NH
DM5EE
G3NDC
JA2AH
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K4UEE*
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF

313
5B4MF
AA5AT

AB3CV
AB9V
DK2NG
JA5IU
JR1BLX
JS3CTQ
K5BG
K6TA*
N8KOL
SP3CGK
W1GL
ZS6EZ

312
CT1DKS
DK1FW
EA7TV
IK2QPR
JA1SYY
JA2IVK
K1HT
N5ORT
WA2VYA
WP4U
YU3AA

311
F3SG
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JO7WXN
PY2XU
UR0MC
YB5QZ

310
I3BUI
JA1ANR
JA6VQA
JA7QVI
JR6FC
K4EM
K8FL
LA7AFA
LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG
W4BP
W8HW

309
DJ5FI
EA8AKN
HK3W
JA1EOD
K8QM
KX4R
NN4SS
NU8Z
R9TO
RU3QR
RW3RN
RX3AGD
UA4LY
VE7IG*
WB8BPU

308
DL2CHN
IK0PEA
JA1GRM
JA7IC
JA9TWN
JF8QNF
JL1RUC
JR1BAS
K0GY
K1AR
K4SO
K8OM
KN5O
KS1J
OE1WEU
R7NW
SV1CNS
VA5DX
W2QO
W9MU
WA7NB
WA8WV
WD9DZV
YS1RR

307
AC4G
DK2JX
G0BLB
I5HOR
IZ8FFA
JA2XW
JA3GN
JH1QAX
JJ3HGJ
K0KX
K2SHZ
K3RA
K9MM
KC6AWX*
NE1B
NI6T
NS6C
OZ4O
SM5JE*
W2JU
W6ENZ
W7OM

306
DL1KUR
DL6CNG
G0OIL
HA1RB
IK4PLW
JA0CRI
JA6WJL
JH1AGU
JH1NYM
K2UU
K5XI
LA7JO
R9FM
W9RN
WB9CIF
WD0DAN

305
A65BR
DJ4XA
JA1VSL
JA5XAE
JA9CWJ
JR2UBS
K0JUH
K6KLY
K9ZO
KG4W
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
WA5VGI

304
DK5AD
EA6VQ
F2JD
HB9DDZ
JA1XCZ
JA2ZL
JF2UPM
JN3SAC
K8AC
KC7V
N7US
N9RS
NN4R
R7FK*
UY5AA
W5XC
W7CT

303
DL5EBE
EA3GHZ
G3LZQ
HL3IUA
IK2RPE
K5WAF
K7WP
K7ZA
K8NVR
K9RX
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
WT8C
ZS1LS

302
DJ5JH
DJ9ON
EA1N
F5CQ
IU7QBB
IW1ARB
IZ2AMW
JG3LGD
JG4AKL
LB8DC
SP2BMX
W0VX
W4QN
W5ADD
W7DO
WD4LBR

301
AA5AM
AE5E
F4BKV
HK4SAN
I2MQP*
IZ1LBG
JA0DIN
JA1IZZ
JA1LSP
JA2WYN
K4SE
KI0KB
N9AU
RN3QN
US5WE
WB5JID
WE9R

300
AA8CH
HB9DDO
HB9SLO
IZ5RVG
JA9AA
K0KVR
K3XA
K6RO
K8GG
K8TL
K8VFV
KB1JZU
PA3CSR
W5AJ
W6TC

299
CT1FMX
DM2DXA
EW2A
G3SVD
HB9RG
IK4ADE
JA7BWT
JH1SJN
KM4H
LA3WAA
N4TL
SM6CUK
UA9FAR
VE3BW

298
5B4AHJ
G5LP
HP2AT
JA4ITW
JL2JVX
JR7WFC
K8EUR
N5DG
N8TR
ND0N
NQ1K
OE3SGU
SV2DGH
WB0TEV
ZL1BYZ
ZL3JT

297
AC0A
DL4CF
DL7BA
E73Y
HL4CJG
IK5RUN
JE7JDL
K2PK
K8GI
K8WK
KG7H
KT1J
PY2VA

296
AA8OY
EV1R
K6FW
K8VC
LA8PT
N0RB
PY7DJ
RA3QK
SM6BZV
SV9COL
UA6YW
W9JA

295
AD6W
DL1DUO

HB9TKS
HL2IFR
IW0SAF
K5ZK
K6SIK
KD3CQ
SP8HKT
SV1GYG
W2GG
W5LT
W6XK
YO2RR

294
EA6NB
HB9BOI
HB9CEX
JA1BPA
JA1IOA
JA2VQF
JE1DXC
JE1GWO
JE8CLT
JK1EXO
K5MC
KZ4V
N0KV
R5DT
RU6L
SV3DCX

293
AA4R
CU2AP
DL1SMA
EA3WD
IV3YYK
JA2CXF
JA3RQ
JA9GPG
JH7RXU
JM1FHL
K4JAF
K9MK
N2LM
PY2IQ
S55DX
W9AJ
WA4FFW

292
AI9L
EA5AT
G4GIR
G8DX
IZ3ETU
K7ZD
N8II
R6AF
SP5IWA
SV2AEL
W6SR
WA3AFS

291
G0EHO
GM0AXY
K5VIP
K7ZV
KB8VAO
KP2A
LA5HE
MM0EAX
N2TN
VE3CFK
W3RJW
W6YI
ZS2DL

290
9K2OD
AA4A
EC3A
IZ4MJP
JA1JAT
JA1KQX
JE1LFX
JE2EHP
LA2QM
LA5LJA
LU3CQ
N9FN
PP1CZ
SK3PY
SV3AQR
UN7TW
VU2NKS
W2LK
W3OA
W4VIC
WB9EEE
XE2CQ

289
AJ6T
DL9TJ
IW0HQE
JA8EJO
JA9FAI
JE2LPC
JG1WSC
JH1BAM
K4XD
K6ND
KK0M
N2NL
N7TY
R0FA
UN6T
W9YSX
YB1UUN
YO2CMI

288
I1EIS
JA1SVP
JR1DUP
K3PA
K4MS
K9US
KD0Q
N4RWG
N6UK
SP9JZU
UA3AGW
W1EQ
W1YIF
W2LE
W2NO
ZS2EZ

287
9M6YBG
AA8LL
HB9BAT
JA2ATE
JA3EOP
JE2OVG
K0AZ
R9SA
RM0F
SM5ARL
UN7JX
W1VT
W4YCH
W7BEM
WA6F

286
4Z4DX
AB5A
CT3HF
DL2VPO
IK0XBX
IZ8XQC
JA1QXC
JA5BEN
JG0CQK
K1LPS
K1RO
LU8EKC
RA0FF
UR5EDX
W3GQ
W5VY
W6PJ
W8AXI

285
DL1TRK
DL2SWN
EA3GHQ
IZ8DFO
JA2VMU
JK1GOK
K6GXO
K6PJ
OE1WHC
W8AV
WK7E

284
EI9FBB
JA1WSK
JA2FGL
JA3DY*
JG3SKK
JH3SIF
JN1BMX
K0BBC
K0TPP
K9SM
OE5BWN
PY2KP
SM0CCM
SM6CTQ
SP3IBS
W2AY
W4FQT
W5ODD
W8BBQ

283
EA6ET
HB9CQK
JA1RTX
JG3FEA
JL1XMN
K3WW
K5DHY
K9NW
LA8HGA
LU4FPZ
N7IR
N7RO
OE8SPW
RA1QD
S57AT
W1LW
W6BJH

282
GM3YOR
IZ0RVI
K5UO
NT0V*
RD3AW
SM4CTI
UA0BA
W7AL

281
AD5Q
EA5OX
EI2GLB
F3AT
IZ8FDH
N2WB
N5GH
N8SNM
W0LS
W7ZJ
W8TN
XE1KK

280
GM3PPE
HA5VZ
IK0HFO
JA2IYJ
JA6TMU
JH4ALY
JR6LLN
K1GG
K4WNW
LZ2JE
PY2DS
SM5CZK
W8LGJ
WA9PIE
ZS4TX

279
AJ9C
HL3GOB
JA1FQI
JA7LGE
JA9IFF
JE8TGI
JF2XGF
UN7LZ
VE3EK
VK3HJ
W3JX

278
9A4T
DL5CW
EA8RR
F2NH
I4KDJ
IV3GOW
IW1QN
JA8LRG
K1USA
K2UR
K3UL
K5RT
KD0PO
VE3CRG
VE3DZ
W8MHW
ZL4TT

277
EU1KY
F5UJK
IT9CVO
JA0PE
JA3ENN
JA8EOT
K2AJY
K8UT
N5LZ
UT7UV
UW2ZM
VU2PTT
W3BW

WF2S
WT4Q

276
DK3WW
HB9LCW
IZ5BAM
JA7FWR
JA7LMZ
N5MOA
ON4CAS
RX4HZ
SM0NJO
SM5CLE
VE1JBC
W1ZT
W5GO
W9FR

275
EA1AF
HL2WA
JA2JRG
K0GD
N2JJ
N7KA
N8PW
PA7RA
W4OX
W9MJ
WO7R

274
DL6JZ
EW1KP
IK0AGU
IW0HOU
JH1IAQ
K1DT
K3PT
K6UM
KA8ZPE
KJ6P
NA5C
OE2GEN
RA5BM
SV9AHZ
UA3ECJ
W0EWM*

273
JA1XPQ
JA2TBS
JA6BEE
JH3GCN
K5PS
N4IG
OZ1ACB
RW7M
UR5WA
W4HG
W8RLS

272
AF9H
CT1FCX
CT1GFK
E72A
F5PBM
HA9PP
IK5PWN
JA9FPI
K3FRK
K7EG
K8BL
KI4GE
LA3MHA
OE5FIN
PA0ZH
SV1ACK
W1YRC
W2OO
W3AP
WN6W
ZS1A

271
4X1RU
AA8R
I1FQH
IK2DZN
IZ8EJB
JA0DET
JE6TSP
JM1HJG
K3PU
KS3F
N8LJ
NK0S
UA3TT
WA3C

270
CT1EAV
CT3MD
DK8MCT
DS1JFY
EA1KY
F9XL
JN1RQV
K0BJ
K7UA
K9JF
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269
IK8EPC
IZ3ENH
JA1OVF
JA1VLK
JE3ENP
JP1NWZ
K0KT
N4UOZ
NW7E
OM4EX
SM5FWW
W1MK
W4MAY
YB1AR

268
JA1NWD
JK1TCV
K1DG
K1MAA*
K9MBQ
KD4W
N2AJ
N5JB
N6TA
NA5DX
OH1ZK
ON6AA
SM5ENX
SM6BGG
W8QZA/QRP
WA1YTW

267
4X6ZK
AA4FL
JF2WGN
JG8FWH
JI3CJP
KB1EFS
R8TX
SM5BMB
SM5FUG
W1KSZ

266
7K1PTT
IZ8VYU
JH1HHC
JJ1TKN
K8AJS
K8ROX
KQ4AV
PZ5RA
RA4CA
W0FLS
WB3LHD

265
G3WPH
JA4FM
JO4CFV
K2CBI
LB2TB
N5KM
N9JV
W7MEM
WB2BIN

264
4Z1UF
DF2GH
EA1KP
F6DBX
HK1MW
JA8DNV
JA8ZO
JR4LNG
KA1ERL
LA0FA
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF

263
DK4TP
EA3CJ
EA4DL
HA7UW
JA7XBG
JR8AMF
K1KO
K8FH
KN6KI
N1RR
W2OIB
W3ACO
WA4LOX
WB2GAI

262
CU3EJ
I5REA
IV3VBM
JA8BAR
JF1NZW
JG1OGM
K8AV
KF2DT
LA9FFA
ON5UE
W5ZG
W6NWS
W6RS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
ZS6NJ

261
HB9RYZ
IZ8IEV
JA2XCR
JH3KAI
K2FW
K2KA
K7LJ
ND4X
NK4L
SM7CQY
W0GG
W4UCK
ZS6WB

260
7M4AOE
AB4SF
EA8MT
EA9IE
EC1AIJ
EI8IU
FG5FR
JA1KPH
JA2FBC
JH3FUK
K8YSE
LY1G
N6MZ
N7BT
NN4X
NX0I
SK7AX
TG9NX
WA0MHJ
WA5LFD

259
4F2KWT
AA9A
DJ8NT
EW1BA
I5OYY
JA8BNP
K2UFM
K5VWW
K6IPM
N4JQQ
NI3P
PY5CC
SM4AZQ
W2FV
W7AH
W8KEN
WA1S

258
DK7YY
HB9IQB
JA9AGN
JH1BNC
KH2L
OH4UI
SA0AQT
US0YA
W1SSN
W4LSC*
ZL2IFB

257
AF4HX
BA4RF
CT1FPQ
DJ0UT
EA7SG

EB3CW
IK2PZC
IK4AUY
IK8VRH
JJ1DWT
N3VA
N6HC
OH1JP
PY2MC
RU1AB
SV1VS
W8MET
W8MJ

256
BH4QYX
EC1A
FG8OJ
IK4HPU
JA0KJE
JH1RGG
JH4GJR
JM1GHT
JM2RUV
K0TT
M0TTB
N9ISN
W9HBH

255
AI6Z
IV3TMM
JA9NLE
JE2DZC
JH4HMG
JK1OPL
K1UU
K9FN
KR4F
N1RK
VR2XMT
XE1MEX

254
BA7IO
CT1BWW
DL1HRN
E72U
JA3VPA
JA3WLN
JH1VUO
K3SEW
KI5BLU
N4LR
UA3O
W7YAQ
WA0RVK

253
CT1BWU
CU2DX
DS5ACV
G3UAS
HB9DHG
JA6GPR
JA6IVR
JE2RDO
K6MKF
K8DV
KE1F
N6PSE
N7XR
NF1G
UA0FO
WF4U
YB0COU

252
DL7UPN
G3KWK
G3NKC
JA1BNW
JA8UIV
JF3PNQ
JH1ACA
JH4CBM
JL1BYZ
K1ESE
KI1U
LA5YJ
NT5V
SM7IUN
W2ZI
W7CA
WS9V

251
9A4W
AA6AA
DL2RTL
F1ICS
JA5BGA
K1SM
K4VIG
K8CW
N4SC
N5UL
W1KDA
W2JLK
W4SK
W5GAI
W8JRK

250
CT1DOF
EI6FR
EI9JF
HA7TM
IK0UTM
JA8CJY
JL1MWI
JR0EQQ
KQ3F
N1SV
OZ4VW
PA0JSE
PY2FN
UN3G
W7HPW
W7IU

249
IZ4DPV
IZ8GGF
JA8FFM
K7XB
K9NR
N8OC
NA5Q
NU1B
OZ5NJ
SM4OLL
UN3GX
W0RX
W1OPD
W9RC
XE2D

248
HB9DOT
HL4GAV
JJ1SKG
N4XP
OZ1LCG
VE3YF
W5JAY

247
EA3EQT
HL3DE
K3VAT
KM1D
LA6UL
N6RV
N7DED
VE3YV
W2GW
W8IQ
WS5W

246
IV3KFB
JA1VRU
JA2QXP
JA7HRM
K1FEV
K4KAY
K6BV
K9YC
N2DPF
N3KN
W1KMA
W3FI
W3ICM
W5ZO

245
AK5X
JH7BKN
JR3UIC
N0AH
N5BO
NZ3O
S55ZZ
W6DE
W9JJB
YB0NFL

244
EA5RD
HB9BUN
HL2KV
JA1CZI
JA4VLK
JI6IHG
K0KG
K1EFI
K1PL
K1YR
K4JJW
K6EID
K8RRT
N1EN
OE3HWC
SP6A
W4REX
W5PJR
WA3F

243
CT1FUH
CT3KN
DS5TOS
G4XRV
JA2EPW
JA7BEW
JF1LMB
K4ZO
K8ME
LA9VFA
N1API
N4QWZ
NV9L
SV1FJP
W1BR
W8OP

242
DH2PC
HL3AMO
JA4ZA
JH1WJR
JH4ADK
JR1MLU
K1CA
K4PB
K7FEL
N2NS
N3RC
N6HY
OM8FR
SV1IW

241
AB5C
HC1BI
IS0AFM
IZ8FWN
JF2VAX
JP1IOF
K4RG
K7KB
KV1E
N6KZ
W3ABT
W5DNT
W5QM
W9EWZ
WV6E

240
7K1CPT
GU0SUP
JA1DM
JA2FSM
JE1HRC
JR1WCT
KF0LA
N0ABA
UX5UO
W0SZ
W8IW

239
6K5YIA
DJ9RR
IZ1JMN
IZ2FOS
JA7KE
K2XF
K6EME
N8SHZ
SP6JIU
WB7B

238
EA1JO
HB9MFM
JE2VLG
JF0JYR
JH3FHQ
K9OR
KA4RRU
KF7F
M0CSD
N4PJ
N9UA
W4KA
WA4QMQ
WA6JA
WB0TVY
WQ6Q

237
CT1BOY
G0VXE
IW3GJF
IZ5YHD

JA0LXP
JH1DGQ
K1RV
K2NV
K8YYY
N4HID
SM0MPV
VU2CPL
W2XI
W8UN
WA0ROI
WB8B
WB8ZRL
XE1RBV
YO3JF

236
AA7G
FG4NO
HB9ZS
HL2CFY
JA1HOM
JA1JYE
JA3KNN
JK1UNZ
JN1NOP
K1ACL
KM3J
KM6HB
N4GN
N6IE
OE2BZL
PA0TCA
SV1HEP
W0HBH
W2TB
W4GIW
W9OO
WY6N
YB2TX

235
EU1U
JA1DDZ
JE1IBI
K0VSH
K4QE
K5CWR
K8ZM
N2FF
NW4M
TA1CM
W7YW
WB8CQV

234
DF7EE
DK2CC
HB9BYQ
HB9JOE
HS1NGR
IK0LNN
JA1EMQ
JA8XQI
JK1BSM
K4MF
KE5FXE
KE8UM
N4HB
N4OA
ND4V
NV4B
S51NM
W3WST
WA4CEM
WA4JQS
WA5UA

233
AA9GR
AJ4A
CU3EQ
EA4DEI
JA4HAW
K8BN
K8EAB
KJ7M
N2NW
N9BX
NE3F
PY5IP
SM0XBI
W2NRA
W6RW
W6YOO
WB2KSK
WD8PKF
ZL4AS

232
DL9FCY
EA1RT
JA3BXF
JA5NPV
JA6CBG
JH1APK
JH6DUL
K0DD
K4ST
K5FNQ
KF7PG
NY2NY
OZ1IKY
RK4FD
RQ3A
W2/CT1GIF
W2YR
W3FOX
W6CYX
W9ZCL
WV4TN

231
AD5WB
G3KMQ
HL2ZN
I0JBL
IW7DVM
JA1MZL
JF2WXS
JH0AWC
K2SN
KD6UO
NA4EA
SM7NDX
W0JM
W0QQ
W4UDH

230
DK6OR
F6HLC
G3LUW
JI1VVB
KB9DAK
N0RN
W5DM
W8WVM
W9YE
WB2NPY

229
AA3LX
AE0P
AJ8MH
IK2GAJ
JA2OLJ
JE1VTZ
JK1VXE
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N4NW
W1WC
WA1PMA

228
AF5CC
F5LIW
GW4TSG
JF1RYU
JH1ERJ
JH2PWY
JR7GBL
K5FZ
KS4S
N6PM
RA3QUA
W2DXE
W9FI
WB8K

227
DL2RUM
G3VPW
HL2EIZ
I0MWI
IK8UHA
JA0DWY
K1GE
K1KA
K5GH
N4IQ
N6OJ
NF4A
W5SL
W6DR
W8GNM
WA2USA
WA8MCD
WA9GON
WC3W
YL2KF

226
DM2RM
HA5PT
I0OSI
IK7FPV
K1XV
K2BA
KB1DMX
KH6M
KK4OK
KX2A
N2KX
N5ET
N6BM
VK4CAG

225
DK5RL
DS5DNO
EU1M
JA3QOS
JH1UBK
JH8NQV
K0OK
K1JIU
K5YU
KA8SYV
MU0FAL
N9SF
SM3LGO
W3MR
W5GZ
W5TFW
W8UV
YO9FNP

224
DK3PZ
EA7QW
JA3FHL
JA8NFV
JK1WSH
JO1LVZ
K1CBK
N3RW
N7WO
OE3KLU
PE1L
RW4CY
SM7BHH
SP6AXW
VE3SKX
WN6K

223
AC9EM
AC9O
AF2C
EA7DUD
I8MTQ
IK2RZP
IZ8MBW
JA1IAZ
JH1DGJ
JR1VAY
K6IPV
KG9Z
KI6CG
KW4V
N1NU
N4ENE
VE7TK
W4PNY
W7IB

222
AA0MZ
DJ9SO
DL5XL
E77S
F6ECI
IZ7AUH
JA9NFO
JM1VRW
K2AT
K6ZZ
KJ7TEA
N2SQW
OZ7FOC
RA4P
W6AER

221
E21EIC
EA2AAZ
HI8RD
JI1NJC
JR7FRW
K4JC
K5DV
KK9H
KU4XO
RU0SN
W4DEE
WB0O

220
AA6RR
DL4DW
EA5DFV
EI9FVB
JA6AVT

K1DJ
K4EU
K4MIJ
K5MT
K6MM
K7AWB
KZ9DX
NA5Z
ON4ATW
PA3BWD
SM0DSF
UR4IOR
XE2X

219
AG1A
F5JSD
HL5BMX
K5JZ
K9ZM
KG6I
KI7AO
N1KC
N6DX
NA9RB
W6GRV
WB4KTF

218
DL2NOM
DL4NBE
DS4AOW
I7PXV
JF1MTV
JJ1QUV
K1NTR
K3EA
K9JU
KE3D
N4JT
TZ4AM
VU2CDP
W8CZN
W9KVR
WA2NPD
WC4H

217
AB4UF
DH0GSU
JA2NNF
JA7ZP
JG5RVQ
K2HAT
KB5UNX
N6QI
OZ0J
SV8DOU
W0TM

216
CX2CC
DJ3XG
EA5B
G4VMX
HB9CXZ
HB9DQV
IZ0NRG
IZ1JLG
JA1FJJ
JA2VHO
K3NQ
K7LV
KK4OW
KR4W
NC4RB
PS8ACL
W0SR
W9MO
WB3D
WS1L

215
9H1EJ
AA7XT
G4FKA
HB9EFK
IZ0BVU
JA4CZM
JE1PNX
JE2UFF
JH0OXS
JH5HDA
JT1BV
K2XB*
KF4NEF
KR6C
KX4TT
N8NN
N9AOL
NH6T/W4
RN9N
V51B
VK3NX
W0FG
W0TT
W1JGS
W2PP
W4IS
W6SL
W7JY*
WE1P
WE4S
WV9L
ZL2AL

214
EA5AR
F4GVO
I5XFD
JN7DOS
K0QQ
K2AZ
KB6CIO
VK3BDX
W0KCJ
WB6BFG

213
9A1AD
AG3V
DK3UA
DS3HWS
IK1IYU
IV3FFI
JA0EVI
JA1FVS
JA3NHL
JR1EFG
K2RU
K4JWA
K9GA
LA5SJA
N8GP
NA2M
VK3FM
W2KA
W8WEJ

212
DJ3AS
G4ZOY
JA1BWA
JH3GFA
KU4BP
PY2RO
SM5AOG
SP5LKJ
W5DAW
W5GA
WK4Y*

211
JA3LDH
JJ1KZZ
KD2T
KT2C
N1BY
VR2XLN
WA3I

210
JF6XQJ
JR2PZX
KD4SN
KD8RQE
KE4UW
PY2WC
S54A
VE7BV
W5THT
W5WP
W7FP

209
7J1ADJ
AH0U
K0VM
K5ALQ
KB4MRX
N0ODK
N6PEQ
NE6I
PU1KGG
SM5BNK
W3BJ
W6DCK
W8HMK
WB0ULX

208
DL8SDC
JA1OVD
JA1PBV
JH0NOS
JR3VMJ
K0THN
K2PF*
K4CGY
K4WES
K5RJ
KS4YT
LB5WB
LB6KC
NW6S
OH7TV
W5FPT
W6WF
WX2U

207
9K2BM
G8AJM
JF1WLK
JF2OZH
JH2VVH
JJ1BMB
K9FZ*
KE1VT
KK2M
KV4T
M0IKW
N9AKR
OE1JIS
ON4ANN
RD9M
SP7ICE
TF3DC
VK2CA
W4GE
W7NN
W9QO
YB0MWM
ZS1J

206
3A2MW
HB9CRV
IZ4DIW
JF1IRW
JH0BQX
JN1NBU
K0MN*
K8NK
KF9UG
KK5OQ
KK9T
N4TOL
N8BJQ
NA2AA
NA9Q
W9DX
WA3WZR
WA6G

205
CU3AN
DL4LAM
DL6UNF
HB9BNQ
JA4DHN
K3WWT
K4YYL
KE6V
N9KW
OH2IS
OH3OJ
UN9L
W7HR
W8BLA
W8FIB
WA4MME
WW8W
XE1J

204
EA2AFV
HB9DVO
JE2EBT
JH1OBS
JJ6DGP
JR0QFA
JS6TWW
KB5HC
KM9E
KV4AA
KW4CQ
W4GP
W7IV
W8LMG
XE1L

203
F5NBX
IK2RGT
IZ0BTV
JA7JPZ
JH8NBJ
K0CS
K4JKB
K9OW
KA1DJ
KM7R
N3PS
N4TV
N6PAT
SV1FKZ
W5RF

WA3FRP

202
AA9RR
DF3EC
IK5BOH/2
JR4LZX
K1NJ
K9TF
K9WX
N8WD
NU1O
W1AW
W1DYJ
W3NS
W4RDX
W7TUS
W7VY
WE2N

201
AA8SW
GI4OWA
JH1IED
K0MFI
K4YJ
KK1W
LA9GX
PY2GG
RT5A
W6AEA
W9IL

200
HB9AGO
HB9IIO
IZ8EKL
JA0KJD
JA3EY
JE2KSM
K2TER
N1IA
N4TD
N7ELL
N9PGG
PY3VB
VK6LC

199
AA3TH
AC0X
AD4AA
JH0RVY
K3SX
K4SX
K4VNY
MU0GSY
N2RR
PB9FN
V51YJ
W6JZ
W9RXJ

198
DJ0MCH
IV3BSF
JR1IZM
K0GW
KA1J
KC6JAM
N4FN
N6ZN
RA3BL
W6SHY
WA2VQV
YL2TW
YV5LI

197
4X4MF
BA4TB
EA1DLU
IV3AVQ
IW9DNI
JJ2WOC
K8SIA
KI4WCQ
NG7M
W1FA
W4DAO
W4HZ
WQ5R
XE1H

196
AD8P*
AG5W
CT3CD
G7SSE
I7LGM
I8YAV
JA1XRA
JH1OGT
N2GZ
N3QE
NA9A
RC2A
SP3F
SP5MXZ
W1MJB
W6HYI
WA0WWW

195
CT1ELF
IZ5FSA
JA2NDQ
JA7QQQ
JL3OUW
K4KEW
KE4S
N3XM
OH6NIO
SQ7FPH
UR5FEO
W3SB
W6KK
W9LN

194
A65BD
HB9ESS
HB9VAB
IT9AAI
JH1OCC
JH8UQJ
K1LT
KP3AH
KR8T
NJ3K
NJ7G
SP6EIY
W4DC
W5UHQ
W5VQ
W7PAQ
WA1NXC
WW2DX
ZS2Y

193
7L4VYK
AE4CW
DH3KM
I1YDT
IZ5MOQ
JA0AXV
JA1QIW
KB2FCV
KM1C
SM5ELV
W8NN

192
F6FYD
IZ7GIT
JA0CIU
K5IB
K6XN
K9SG
KE0A
KJ4UZU
KJ4YLO
N4XYZ
N9JR
UR3EO
VA2IG
WY1G
YB1TQL

191
AA4NC
DG5LAC
DL4FAP
HA5CW
K1RI
K8QKY
KO6KD
N4DWK
N7MQ
OZ7DN
VR2CH
W5LO
WF1H
WI8R

190
AA4U
AC4VM
BV1EK
DJ9KV
EC7B
G3WW
HL4CCM
IZ0GYP
JA2ITK
JH8KFE
JI2UDK
K7UT
K8ZT/QRP
KD0AA
N3AIU
SM7GIB
W9ROG
WB4GLI
ZS1DX

189
HI3T
I0LYO
IV3KCB
JA1SGU
JG1SWM
K6JAT*
K6UXO
KY5I
RM3DA
RN3CT
SM4BZH
W6DPD
XE1FAS

188
EA7AN
JA0GCI
JK1AJX
JP1GUW
JR0AMD
K1JD
K2DC
PY2RN
WV4V

187
IK8GJR
JH7NTW
W5ZE
W8UQ

186
AA4LR
G4XEE
JA2MNB
K5QX
KC6X
KK0DX
N6MXU
N6VNI
NU4B
W4WN
W8RV
WA5IPS
WB4DNL
WZ4RC

185
G1VDP
K0KP
K3PP
KE5BR
KU8X
N4HN
UN7BK
VA7ZT
W2WG
W6RKC
WB5NHL
WC2K

184
AD6ZJ
DS4GKF
EA5RU
HP2NG
IK0HBN
IK0WRB
IT9ODQ
JH1FVE
K3JM
K3NF
K5RKS
KZ1W
M0HIH
NW7M
SM2EJE
UN7BY
UT7KF
W6BK
W7IUO
WB2HJV
WB3BFC
WB5STU
YB1RUS

183
JA2KSP
JE4CIL
K3SF
K6LRN
LU4FW
NA2U
W3ML
YB2TS

182
I5FLN
I8LWL
JA7FAS

JG1JPE
JI1CQA
K7LAZ
KG4JSZ
KK8MM
KL7TC
LA5LT
N8NA
N8NB
ND3L
ON6KE
VK5GR
VU3CAU
W6SFK
WV2I
WV8DX

181
IZ4AIB
JH1FNU
KY6R
N6NU
N6VS
N8HRZ
NV4A
SV8CKM
UA9AEU
VU2IBI
W2OR
W6TK

180
A61BK
AA4AK
JH1IZR
K0IL
K2SD
K5TN
K8SL
NA5S
NZ5O
VK2HV
VR2XYL
W1LE
W4DSM
W5SUM

179
AF6PK
DL5MHQ
K1RH
K4WZ
KE5TD
KJ6NZ
KZ2R
N3KV
N3ME*
N4MIK
NY1V
SP5ELW
W0ZS
W4CCS
W4TUN

178
EA8AXT
G4DDL
I4UUL
IW0BYL
JA3UNA
JI1WLL
K0NV
K1ZE
K4GO
KR2Q
KU1T
VU2LBW
W7HUY
WB6AXD

177
4X6UU
IU0ICA
JA3EEM
JE4RAL
JF1LZQ
JG3KLF
K0EOO
K3OX
K8YE
KF4VTT
KP3V*
NA6MG
NC2Y
SM5CBM
VK2AAH
W0IKD
W1AO
W1OP
W4KVS
YB1TJ

176
DL6NW
IK0CHU
JA1ERB
JR1FHP
K5DCW
KK7YC
KT8D
N1JP
N2MEE
OZ9XU
VE1VOX
W0PE
W4AEJ
W4LEW
W7WZ
W9WO
WA3GNW

175
AG5CN
JA0LFV
JH6RTO
JO3WHB
KD4POJ
KF6HI
LZ2ZG
N7NG
NS3L
NW7US
UA1OM
UA9AGX
XE1R
YB0DJ

174
AG7N
DF8FT
DL5KUA
JK7LXU
JR3TOE
K5CR
K9HQM
K9UQN
KZ5DX
LA6OP
N4PYI
N5QS
VU2DCC
W5WI
WA4BIM
WB0N
WQ5T

173
AB6CF
AI9U
HB9FBG
HB9HVG
K5ZQ
K6UNE
K7PT
K8JE
LA9VBA
N7HN
N9DR
NN5E
NX2X
OV5O
SM0EUI
WY7FD

172
EI1DG
G3SBP
JA7DPC
JA7FVA
K5TA
KC2SST
LZ1XL
N2ZA
N3AO
OH2LHE
SP5ES
WC0W
YB4IR

171
AD3C
CT2GZE
DL5MM
F9CI
IK3GBG
JM1SZY
JS6QOM
K2MK
K2TV
K6ZP
KB0V
KC5LK
KP4DKE
KW9U
N8WRL
NA6O
W0MU
WA4DOU
WA5KBH
WI7P

170
4X6KJ
DL2JIM
EI5KO
EI6AL
JA1BON
JA1GVT
JQ1YIW
K1ZJA
K6JJ
K7CU
LA2GH
N4VN
N5PA
N6EM
N8VV
NK7C
NX4TT
OZ3SM
VE1OP
VE2YG
W0OGH
WA4USA

169
DM3CW
JE1PHH
K3VAR
K4WY
K5CD
K9OT
KF9AF
KI2D
N5MT
RD3BD
SM7WVZ
SV1IZY
W0AIH*
W7IAN*
W7VAS
WA4NUF

168
A92IO
AA5N
AG4Q
EA5HM
EW1P
JH1ORA
JP1LRT
K1VI
K2SY
K4KGG
KF0RQ
KM4VI
LU8ADX
LX1CW
N4ST
N6MB
OE1ALW
PP7LL
R4FAN
VE3YXO
WX0Z

167
JA3AVO
JA8BOV
KB8NTY
KE3X
KH6XT
KN7D
N1ZJ
N7VPN
PY2SEX
WA0SXV
WA5NFC
WB8BZK

166
AL7R
DL1SVA
HL4XM
JE3PCP
JJ1BDX
JR6GHN
KN4FO
KR4BD
LA7EIA
SV2CLJ
W4PGC
W8SAX
WA1ZIC
WB3JFS
YO3AIS
ZS6IR

165
AG6HE
CU3HN
IK0XIH
JE4WOK
JF1KML
JK1DDG
K2AX
K3VPZ

KG4CUY
LA2XPA
N2RJ
N3KS
N6DHZ
RA0BA
SP7QHR
VK3TC
WB2WPM
WB9PNU

164
AC4BT
CT3DL
DL7JRD
EI6IZ
IZ0GVZ
JJ1JMZ
K6CF
K6GFJ
KD8MQY
LB7ZG
N2XQM
NA2P
PT7DX
S50B
W6SIY
WA5CMI*
XE1YD

163
AA4OC
AA8KY
AI4QQ
DS4NPL
EA1AZ
F4CPF
HA5BSW
IU8IYE
JR6LDE
K0ABC
K0CF
K4GN
K4MV
KE1B
KW4MM
LA1CO
N0AMI
N7KDT
R3IS
SM7CZL
VA2LC
W1OK
W1XV
W8MIL
YO3DDZ
YO3IPR
YO4AUL

162
BH4IGO
DF2UA
DJ7JC
DS3EXX
EA2AGV
HS8KAY
JR4CZM
KA1API
N4BAF
WA7BNG

161
AE4M
HL3ERJ
JP7FSO
K1BZ
K2CYS
K2OP
K4AR
KD1AB
KM4A
N7QT
N9LEO
NA6XX
OK2ZDL
SM3PHM
W5BK
W5RDW
W6DOE
W9GG
YB2DX

160
AC0DQ
E70T
EA1WH
F4WDL
HL1VAU
JA1ITJ
JA1UOA
JA7JM
JR1CAD
K5VR
K7LY
KC9K
KF2OG
KM4NS
N0IW
N4MEC
N5WA
N8IL
NI5F
SV1XV
W1ASB
W1TO
W9FF
W9NIO*
ZS6RJ

159
EA1P
F4DSE
IK0WMJ
JA0ED
JA3PRM
JK1EBA
JK1JAS
K0IO
KB7AK
LA4JGA
LA8ZAA
N1MD
NE5S
OT1A
VA3NXM
W1EBM
WD5BJT
XE1MW
ZS6C*

158
9J2BS
G4SGX
HK3PJ
IK3DVY
JH3EQP
JJ1KXB
K3DFL
K4HQK
K8GWU
KB2XJ
KF7NN
KJ7NO
N4XMX
W2CG
W8LIG
WB2RAJ
WT2P

157
7N3IJT
AA3AZ
E20YLM
EA3HDZ
EI2JD
JA3MHA
JM1ESG
KN7Y
KW1DX
N4MI
N6MM
NP3CW
PY1NS
W4NBS
WD8KND

156
DK8IZ
EA3HPX
F1RAF
G4AYU
GM0VRP
GM3WIL
JA2ODB
JA9RT
JH2AJY
K1ROA
KA9OKH
KC4HN
N4QM
N7GCO
N7RD
W1MR
W5JMW
WA6QGH
WB4YDL
ZL3RJ

155
DK3QM
IV3TDM
JR3ADB
K2DF
K4EZY
KL0S
KQ4EE
M0IFT
N7WS
NO9E
OE1HHB
TF3JB
UT7EC
W5SV
YB1AYO

154
AJ8B
DS5WQT
JA0GZZ
JA4HXF
JA8ANQ
JH1AQN
JH7WQX
JK1BIB
JL1GYZ
JR3QHQ
N7JB
NE5W
SM0BYD
W4CIR
W6FL
W8TM
WA9MAG
WN7J

153
HB9BEM
JA3UOQ
JA4FKO
JR7MAZ
K0COM
K0LB
K3HW
K4OY
K8ROK
K9MMS
K9YZ
KK4XL
N0VVV
N2ZZ
N7NW
N7WI
NC7B
OH3FVP
SP5NON
W4DTA
W8VK
WB4SON

152
5P5Q
AC6BW
BX5AA
DF2WF
DU1KT
G4AFJ
IK5BSC
JG2LGM
K2EK
K4RDU
KD2OV
KE9S
KW4J
ON4LG
R9JX
W6RFF
W8FN
WA6EZV
WA9IVH
YV4DYJ

151
AA4UC
AB2E
DF1IR
DL4KUG
JA2BUR
JH2NWP
K4DET
K7LAY
K9AAA
KE4BKL
KE8G
KK4CLY
LZ2XF
N4AA*
N7MB
NU4I
SM0NUE
VA3EJN
VA3HP
W3HER
W5WLA
W6WA
WA9JWL
WC2C
WF8R

150
4O3A
DK3BK
DK3FB
HB9EBM
HB9MXY
IT9ABN
IT9IPQ
IZ2MHT
JA6SUY

JA7GZM
JG1GJH
JG3RWX
K1QN
K5HK
K9RT
KI7M
N6JOJ
N9IO
ON6ZV
VR2MY
W3KB
W4NE
W8QXR
ZS1C

149
7N2JZT
DS4DRE
ER0FEO
JA7MAD
JS6SCC
K2KIB
K8SMC*
K9EXY
KM2E
KP4DS
N0LGU*
N0STL
NE0U
NO0B
OZ1HPS
PY8WW
RT0F
UA9MC
WA1EHK

148
4F3BZ
A71AM
J68HZ
JA4GXS
JF2AIJ
JI3BFC
K5EWS
K5LY
K8ZZU
KA3GWD
KL7TS
LZ1MDU
N0TK
N3ND
N9ATF
NG9J
NJ6K
TF3Y
VE6TL
W4AG
W9MAK
XE2YWH

147
AB9KZ
EI3CTB
F6KOP
G3VQO
IS0/YO3RA
JJ0LZQ
JK1OTP
JL6USD
K0PC
K3GGN
K4NTO
K5UZ
KB7QFE
KB9LIE
N8JS
SV8RX
W0QC
W3NRJ
W9GM

146
AE5B
G3LAS*
HB9HHH
HP3TA
JA3KWZ
JH1BHW
K6NR
K8ARY
K8POM
KB9AIT
KD3HN
KM2O
N6RK
SM3DXC
VU2NXM
WA2MUA
WA3SKQ
WA5NOM
WW8RT
XE2B
YB1BML
YO2DFA
ZS6UT

145
5T5PA
AA5TL
AL7TC
EA4S
IW1PUR
JH1CTV
K5FXB
K8WHA
KQ5M
KS0M
N6KK
N8TFD
PT2ADM
W2RS*
W7NP
WB9B
WR7Q

144
AD0TR
DL6DCD
G4FTC
GM0VIT
JL3DGI
K1TKL
K4SAF
K8OS
N5UE
NZ0O
RN0C
UY2UZ

143
AA4MM
AF3X
EA4D
HB9AAA
JA1MOD
JE3FOR
JR7ILA
K7QBO
K9BQL
KE4FW
KG6D
KJ4R
KM4HQE
KN7K
LB2TG
N2YBB
N4UP
N7ZA
OH3PYY
TF4M
TG9AJR
W4UFO
W7VS
WB9W

142
AK9B
DL8DWL
JA0MRW
JA1PUK
JH6PFY
JI1UHZ
K0SRL
K3GT
K6TAR
KA6BIM
LA1J
NF7D
NN9X
RL3BZ
YO8CRU

141
7K3QPL
9H1AE
AB4GE
AC9S
EI3ISB
HB9EXQ
IZ0FUW
IZ3XEF
JR3PKO
K1XE
K2HT
K2JK
K9AAN
K9AQ
KA5VFU
KC1ERO
N1BCL*
W1NA
W6HDG
WK8A
WK9U

140
AD9DX
EI6JK
EI7GY
EI7JZ
EW4C
HB9GWJ
JG1RYQ
K0UBR
K6EV
K7VC
LA8PDA
LZ2HM
NH6L
NZ9Z*
W3DIY
W5VU
W9BS
WB1ASL
WB8EKG
WW6G
YB3MM

139
AA4DD
F5VML
HB9ARK
HB9DTE
HL4CBX
JE3OUW
K0QB
K4TXJ
K9QJ
K9TRV
KX4I
N0CKC
N2SG
N5FEE
N7NF
R9MJ
WB8QZM
ZL3TE

138
DL5KUT
DL5ZB
G0FWX
HB9DVZ
JA0CVC
JA1PVX
JA1VRY
JJ1OKK
K2JL
K2RET
K2YSY
K3GW
K9UWY
KC9G
KF6A
KU9S
N3PV
N9XX
OD5YA
PV8ABC
W0UHL
WA5POK
WA8LRW

137
DL2RD
EA7LS
G3PSM
HL1MKT
JA4DNC
JF2RSF
JF3VEC
JH1SBE
JQ1PCX
K0KV
K2CDJ
K2RKJ
K4AU
K6EGF
K6IRA
K8MRT
KP4N
N2KI
N4KM
N7VZ
N9NFT
NU1T
PY2CP
SM5CSS
SP3EPG
TA1AL
W2GGY
W2NY
W4UEF
W5GOL
W9CSX
W9MR
WA0WOF
WG0G
WS1F

136
CT1ESO
EA5KA
IS0EBO
K7STO
K8CQ*
K9UO
NT5EE

ON5GF
TF3VS
VE3FRR
W0ANZ
W4GH
W4PGM
W4PV
W7SX
W8OM

135
AB4FH
AC7JM
AK5Q
EI2HY
G0THF
HZ1GW
JA1DCK
JA3MIO
JA7MWC
JH1SOD
JJ1HLL
JL2ULM
K4OP
K5VG
S53MJ
TA1PB
W7QHE
WB3AVD
WB6FWS
WB9IWN
WO5I

134
AB0RX
AB1J
DL4ZAB
EA6AZ
IZ8DEO
JA6GXP
JR0GXA
K3KY
K7FL
K7YZO
K9SUH
KA9JCP
KD2SC
KN4OK
LB5GI
N6XT
NJ1Q
SM3WMU
VA3OKG
W4UAT
W5AAJ
WB1DX

133
7J1ABD
DL8OH
GM1BSG
HB0WR
HK4EB
JE1COB
JM1JIV
K9JDP
KG6WIK
KI4TZ
LA2IR
LA9KY
N1BKB
N1QY
OH7HM
VU2ABS
W1GY
W1ITU
W3MF
W9SE
WB9ZNZ
YB4CHP

132
AK3E
AK6I
I8NLC
IW5EIJ
IZ0COI
K4BNF
K4WM
KG8OU
KI7HO
KK5ID
KX5U
M3DFW
N3TR
N4EDT
N4QOG
N5RN
NN3V
OZ3SK*
SM7DXQ
TF5B
UW7UA
VU3WEW
W3KHZ
W4MC
W5FL
WA1HXH
ZS1EL

131
7L2QAD
DM6MA
EI5GM
GM4KHE
IK1UGX
JE4KCN
JK1NPH
K2WJ
KA5IAU
KB1HY
NM1G
NN6K
OE3JAG
PT2ND
W4EJG
W5EC
W6OUL

130
AA4QE
CT1HHP
DL1SWN
I4JEE
IK1ZNM
JA2LMY
JH3PRR
JL4BSE
K0BX*
K2MHE
KF5WCP
KN4JX
N2YF
N7TM
NS4F
NU4Y
OZ6TL
RC3FL
W1MO
W6UC
W9CTJ
WB8RFB
YB2IQ
YO8PS

129
AD6KQ
AE7U
JA0AVS
JA1PLT
JA2ACI
JA3WMS
JH1RFM
JN1SUT
K5SES
K7ORK
KB4KBS
KJ2U
KO4PRE
N8BK
N9AVC
NN2D
PY3OG
SM2YIP
VK5CE
W4MA
W7TG
XE1ILI

128
A71XX
DL9SAD
EA1AHA
EI3IO
EI5JL
HL2DBP
JH1AWJ
JN4FNZ
K6OJ
K7PTC
K9YKL
N0JR
PU4MMZ
R3BB
UR9IDX
V31CQ
W0QD
W5MF
W6IS
W8BI
W8WV
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127
7Z1HL
AG4TO
DJ5DT
DL9GTB
G8BCG
HK6K
I2YPY
IK2ULM
JA0BES
JE2VYM
JG1LRE
JH1HRJ
JI1MNT
K0ARM
K3WGR
K7LFY
K9BO
KB8KIM
KF3N
LA2LI
N0AB
N3GTG
N4GBK
NA1RL
ON5EQ
VE3EDY
VU2MSA
W0MF
WB2KSP

126
CU7AJ
EI4HH
G3XLF
GM7NZI
IK4TVP
JA5CDL
JA5XPD
K5KDX
K6CW
K7PO
K7YMG
K8GT
K9QA
KC5RR
KK4CB
N5HC
N8YQX
NX8Y
OH3DP
OH4KRN
PY2OP
VE3TMG
VR2VGM
W2KNG
W8VI
W9COS
WA2BOT
XE3E

125
AC4XO
DM5JBN
EI8GS
G0OSK
G4EHT
IK8PGE
JH8FIH
JP1GVC
K5NOF
K8YAH*
KC2STA
KF9LI
KK5J
N5ZC
NA7RH
NN6CH
SM5AFU
VK2DAG
W0XE
W4AO
W5CWQ
W6PG
W9EBO
WA4TMJ
WM4AA
WR2G

124
AA5H
DJ3EJ
EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JG3KMT
JH1XFR
JM1LPN
K0RAR
K3SUI
K6VVK
K7HC
K9ARZ
KB8DID
KC4AA
KD9ZR
KS4WA
N0YO

N1HO
N9BVA
NT4K
W6ELI
W6ND
WW5L
ZL3REX

123
AE5FM
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA
JA0PZJ
JA1GLE
JA2HOL
JH1RVQ
K2JGL
K6LPO
KD4EE
KI0HA
KM4CQG
KO8SCA
LX2SM
N6DVR
N8AYY
N9RE
NT9F
OH3TY
ON6YH
PY2ADR
SP9IZV
VE3VHH
W2WGK
W4UT
WB8TGY
YB9WZJ

122
AA0BH
AA5B
AB5YI
DB4RG
F4GTB
G0HSA
HC1HN
JA9ALR
JR1HYA
K0HQW
K0MD
K4VAC
KA5SYP
KB4ET
KN9N
N1ZZ
N6VH
N7UJJ
N9ATD
SV7CUD
UT9LC
W0JMP
W1ES
W1HEO
W1KKG
W5HNK
W6HB
WA5YOM
WA9DU
XE2MX

121
AD5MD
DD0VE
EA3NG
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JI5WDC
K0YL
K1EDG
K1LTJ
K3CWF
K3HPA
KB3IFH
KG5NP
KK4ODQ
KU2A
N3ER
N5ZY
N7TW
NA2R
NY4G
OZ6EI
TA1L
UA0FDX
W0DD
W2ARP
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120
AA2T
AC4TO
AE5LK
AI2S
CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA0JPD
JA1DCO
JH5OTE
JJ1XVA
K9CHP
KC9WPS
KD5R
KJ6Y
LU3XX
N1TQP
N3DV
N3GS
N4PGL*
N4UFP
N8IK
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB
W1RG
W5RYA
W6GJB
WT5L
YB0AZ
ZS6NK

119
AA4FU
F5BAR
HL2MHU
JA6JYM
K4RM
K7LOL
K8EB
LU9DO
N8LCU
SV1BYI
SV2KF
W1ZK
W5IO
W6ZPL
W8EOG
W8PAT
ZL2AO

118
6K5AQY
AE1T
DJ9KM
IZ0RPS
IZ1JIZ
JA6CMQ
JM1CMA
K0PX
K9KJS
KA5JSM
KB3KJ
KD3UY
KD9BIE
KG5VK
KX6C
LZ1XZ
N2ADE*
N3HYB
N4ZY*
N8KUS
VR2CC
WA8RCK
WB5TOI
ZS2I

117
AD7L
CE3FZ
DL2VWR
F8EZE
IS0BZR
IZ7QFN
JA6SQR
JM3GXU
JR1KBJ
K0FF
K4AEH
K9LCR
KB2S
KB5CSQ
KO4PY
KP4ED
KZ1X
N8AGU
VE3FAC
VE7NY
W3DQS
W3LWH
W4ARK
W4DWS
W4PG
WA7HR
WB9WHQ
YO6HOY

116
AA0FT
AB4BJ
EA5GXI
EI4BZ
G8GHD
IZ2CSX
JT1CO
K2GLS
K4LCP
K8JRK
K8MN
K9GWH
KB8ZUN
KC1RET
KD5RBU
N0UCR
N1GFV
N2ZL
N4KEB
OE6CLD
RW6MBC
SM1NJC
VK6OZ
VR2IL
VY2RU
W3IZ
W3MRL
W7KKC
W7QC*
WA4VJK
WX3P

115
AA9WO
E74A
HL4RBR
IW2FLB
JA0NPQ
JA1UBZ
JH8LEY
JJ2VLY
JM1JZN
K8CR
K8RCT
KB4CRT
KB7V
KG4URP
MM1PTT
N0TR
N7PIB
NA4MM
NE1RD
NI4Y
NW6V
OE5MPL
W3HKK
W4BH
W4OV
W5WS
W7FI
WS4H

114
G3CWW
HC1HC
I0BJV
IZ8EYN
JA1CPU
JA8EIA
JE6PJP
JG4OOU
JL3RNZ
K3PL
KB1W
KD2NF
KI8AE
N1AH
N3DD
NA1DX
NG8T
NK5K
W0QKL
W2ZK
WD0AJG
WN0L
XE1EE
YB2BNN
ZS4JAN

113
AC9GK
AI5EG
AK0A
EA5DPL
F5EOT
F8GB
G0UII
G4NAQ
G4YCS
HB9GZE
IU8GNY
JA2CPD
JA4CSJ
JH1GNU
K1JKR
K2KNB
K4JDJ
K4JLD
K4TR
KB2TGU
KC0V
KG2U
KG4OJT
LU3JVO
NA9L
NS4X
S52R
SV2DSJ
VA3AYA
VK7ZE
W3JM
W6BBS
W7CD

112
3C3CA
7Z1CQ
DS3EXT
G0DTX
G3YFE
IK4EWN
IS0BQE
JA4RED
JF2OHQ
JF3AHI
JH0LME
K0XM
K4HEB
K4ZMV
K7RAN
K9KDS
KH6P
KK7BR
KS0JD
KY6AA
N1GNB
N8AID
NK7Z
NQ4A
S51DV
W1FC
W1HQ
W3WN
W4AFB
W4LLP
WD8LTM
WJ1B
WN1M
ZL3PAH

111
EI9CN
F8DZY
G4ZWY
IZ0CKJ
JA4DLF
JA5EEU
JE1TNL
JH3LCU
K2KYH
K8ZEE
K9JIG
KM5VI
KM8AM
N0ATQ
N1BZ
NT5O
PT7CB
TA2RC
W2FDM
W5GCX
W7WT
W8LR
WB2UFF
WB8PKK
WU4B

110
AC0B
AF8C
AG5Z
CT7ANG
DK4MX
EA1BLA
EI9HX
G4VWI
HG6IA
IZ1EPM
JF3KOA
JH1FRW
JR2PAU
JR4DHK
K3MSB
K4KAL
K4RP
K5GZR
K6DJ
K6SLO
K9TVG
KC3AK
KV3W
N4NYY
NG0G
TF8GX
W1ZZ
W5JE
W6TCP
W7YED
W8TE
YB1SKR
YO5QAW
ZS5LEE

109
AA4RX
AC8TO
AF3K
DL9QJ
F8DHE
G0MMI
JA5GOJ
JH4GNE
JI1IZS
K0FD
K2OO
K6JAD
K9JE*
KB7DT
M0AQM
M0MCV
N4LS
N6RVI
NN8L
NW6R
NX1P
NZ3M
NZ7Q
PF7M
PV8DX
SP7ASZ
T88UW
TA1UT
W3ATV
W3GP
W4JDS
W5SG
W7CB
W8MSP*
W8PE
WT9U
WW5RC

108
7M4CLF
AC8MR
DB9CR
DL1TPY
DL2AMD
DL2NAI
DM5TI
DU1IVT
E70X
EA5XV
G5CL
G6MXL
IK1RKN
JA2DCN
JE2DOD
JH1OVY
K3DQB
K3XO
K4GHS
K8LBT
KC8YG
KE3ZT
KI4SFT
KN4WOJ
KO4XI
KW1X
LU2AH
N2IFA
N3YZ
N5FPW
N5TW
NZ6N
TF3MH
VE7VV
W4DVG
W6CN
WB1S
WB5ZAM
WC4B
WF7T

107
AB7RW
BG8PA
DJ5FZ
DK2GP
E73D
EA2BFM
EI5GSB
G4NBS
IC8XIL
JE1CTA
K1FUG
K2FJ
K2ZD
K3GO
K4LQ
K6DLB
KA4LBD
KB0EL
KC2THY
KF2G
KJ4FZ
KS8W
LU5OM
N0MHL
N7TP
N9AZZ
NC6RJ
NI8Z
PP5VA
RM6LW
SV3EXP
TA1CQ
UX5XK
V31MD
W5HY
W8JA
WB2MKX
WM4W
WU1U
ZP6CW

106
AB1NS
AB6WQ
AC5AA
AC7DX
AC8IL
DS2GOO
EA3AGY
EW4DX
F6FHZ
G0OJG
G0RPM
G3LPS
HI7SB
JA3AOP
JA5IBP
JF7NNI
JG1XBM
JJ1IRS
JO4JDU
K5TU
K6VWE
KA9TOX
KI4NSP
KM8V
KR4U
KT5V
M0PCB
N4DJT
N6UOZ
N7MW
NG4C
NI7F
NS7K
PT2DF
PY2OC
UA0ABB
VE3BHZ
VE3XK
VU2MB
W0BM
W0LGQ
W0TLX
W1USN
W4/KL7GLL
W7GB
WA3IIA
WA8Y
WS7I

105
AA2F
AI1W
AJ6V
AP2IA
DL2DCX
DL9GTK
E29TGW
F5VIF
G3LOJ
HL4GHT

JA1JYS
JA1SZN
JE6UWU
JH1IIY
JI1DMH
JJ2BLV
JK1AKA
K0MB
K1EO
K1ETA
K2GW
K5NV
K5WE
K6GCN
K6ME
K7CMZ
K7CTV
K8FB
K9DUR
KK4MA
KR0P
LA9JKA
LZ1JZ
N0SL
N1TQ
N9APK
N9IXD
NC1M
NK7L
OH6IH
PV8RR
VU2DED
W1PY
WD4OHD
WK3A
WZ9B
YU1LD
YV4EH

104
7N4OBV
AA2WC
AA6XV
CT3DZ
EA4EJP
EI3HA
F6ARS
FM5FJ
G0DRM
GW0ANA
HA5DI
HB9BMY
JA0NZR
JA1CC
JA1DHY
JA1RBY
JI4HKA
JQ2MPJ
K1TWF
K2CQW
K4WW
K5JUC
K7UW
K8CJY
K8WVA
KE4YOG
KJ2AM
N1FOJ
N2TC
N3PW
N4LSJ
N4PAJ
N4ZR
N8TEM
N8WXQ
NA8W
OM6CI
OZ9U
PA0QRB
PY2YW
RV4LC
VK3MB
W0VU
W9GXR
WB7QXU
WX0B
YB1BUL
YO6HSU
ZS6HON

103
AF8P
DS5JMG
EA2RY
EI9GLB
FM4LV
JF1KIG
JI1FXS
K0BRO
K0OOK
K2RNY
K3PIN
K3TXW
K4NI
K4PWS
K4SAW
K5DXR
K6XJ
K9WMS
KA7CVJ
KL7NW
KQ6K
M0UPL
NB3R
NI5G
RX3BP
VE7XT
W4CU
W5IP
W7JET
W8EH
WA6URY
WA8KNE
YB1ALL
ZL1IM

102
4X1VF
5W1SA
AC0XY
DB2WD
EA6UE
HB9MZI
IZ7QSS
JH1IHG
K1AJ
K1MDA
K2CJ
K2DH
K2DW
K4HR
KB1AWM
N2CJN
N2FY
N4IR
N8KOJ
NA4D
NN5O
R9GM
S51MA
SM0XG
US8ZAL
VK2GR
VK7AP
W1GF
W4GHW
W5TMC
W7HJ
W7IMU
W9GWP
W9LU
WB4PWZ
WB7QBS
WB8LEM
WD9IOK
WF4W
WL7OU
WN9A
XE1SAX
YB0EIN
YB9AY
YO6BHN
ZS2ACP

101
AA9D
AB4EJ
C31MF
DD9WG
DL3XAC
EA4UV
EA8TZ
F4FLF
G3VDB
G4GEE
GM0SCA
HB9PUE
IK2HLM
JA1KZP
JA2KPW
JA5ALE
JA5JUG
JK3NSD
K1RE
K3AXB
K3LA
K5HX
K5WRE
K7BWC
K7GA
K8PGJ
K9GL
K9MQ
KB5YN
KC3OPI
KE9UA
KJ5RC
KK6VGE
KU4A
LA2XNA
LA3ANA
M0PTZ
M5LRO
N3CAL
N4PF
N5JED
N9MR
NC8I
NJ2X
NZ1I
OZ5JQ
PA3AIN
R2ARR
RZ6MJ
SM0BSO
SV2BXA
SV4FFL
TF1A
TG9AKH
UA4PK
VA2GA
VK4BUI
VU2OT
W0ZX
W2GHD
W2PD
W3RMS
W3SW
W4PM
W6OU
WB5KSD
WD4IXD
WM5H
WU6K
WX7B
YB8HZ
YO2OXD

100
2E0XAR
9M8DEN
A41ZZ
A71EM
AA7UN
AB2NI
AC0DH
AC9DX
AD4J
AE4VJ
AK1P
AK4AO
DB6VH
DC1TK
DK1MCS
DK7GH
DL3ANK
DL5JH
DS4GQR
EA5PS
EI2FG
EI4DQ
EI4GJB
EW4A
F5JWH
G0GFC
G8GFF
G8GNI
GW0KRL
IK7NXU
IZ4IRO
JA1IHD
JA2KGQ
JE7KCI
JG3LDD
JG5VFK
JR4VEV
K1HC
K1JX
K1PTF
K2UF
K2UT
K3NO
K3RRR
K4GM
K4QS
K5LLA
K5MMH
K5PSN
K5VSD
K7VL
K9EA
KA2F
KA4H
KA9JAC
KB6IGK
KC2NJ
KD0KZE
KD1DT
KE1IU
KE7BMG
KE8NOA
KF5MDZ
KF5TL
KF8PD
KG4IYS
KI0G
KI3O
KI4PG

KJ4SKO
KJ8N
KK6MF
KL7XO
KR4Q
KV8P
KZ4EX
N0OK
N0VTZ
N1KI
N1UZ
N2YU
N3NVA
N4GOA
N5CR
N5LJL
N5LKE
N7WFK
N7WR
N8HM
N8URE
N9MKC
ND0B
NE3K
NM4SH
NX6D
OM2AGN
OR4K
OV2B
OZ9GA
PV8AJ
PY5VC
R2AB
UR8IDX
VA2EU
VE1JF
VE3KKB
VR2PX
VU2OY
W0PPA
W0RMS
W1HS
W3BNN
W4CG
W4YR
W5PD
W5YKU
W6KF
W6OZI
W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB4MM
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
XE2AD
YB6LAY
YE1AR
ZS6CR