

ARRL DXCC - 160 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 11 Dec 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.

344 W8LRL	325 K9UWA UA2FF	N1DG OH3SR W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 I4EWH IK4MGP	302 DL4MCF SV8JE
340 K1ZM			308 IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	307 DJ7MI N4RJ OH5VT VE3EJ	
335 OH2BU R7LV	323 SP5EWY			
334 N4WW	322 UX0UN W3UR			
332 UR0MC	321 WB9Z	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA VA3EF
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T SM3GSK UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR W9ZR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		
329 K3UL UA4HBW	318 4X4DK		304 DJ0MDR GM3GAV	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ
328 UA4CC	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
	316 IK4WMA K5RK			

RA3DX SM5CEU	290 UA3AKO UT1UY	R3OK SM6DHF	SP9DWT	269 K6ND KD5M W1ZC
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	276 G3LZQ N8RR N9IW OK1AWZ VE2TZT	268 DL5DSM G3WPH K8PT RA3XDX W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU KF2O W6UB	266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	286 DJ2YA K3SX N3SL PA0WRS UA3AB UR5WA UT7UW W8AV	279 F6AOJ IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ
293 JH4UYB S58T	285 G4CCZ K5XI	278 DK0EE F6BEE JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV N3NT
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL HB9AMO IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M		270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	254 I1EIS N0AT OM3DX WA4FFW	K6XT NN4X NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	N4XM N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	K9ZO KC7V OK2ZI OZ4O SP8AJK
260 K1LT K4DY UT9FJ	253 5B4AGN IV3YYK JQ3DUE K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
259 DF4PL F6GCP G3ZSS I1FQH K8FL R9FM	252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM W3LL	234 IZ8FFA JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP JA1HGY ON4IQ	238 AC4G DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP	233 DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 AA1QD JH1GZE K1GUN K9NW N4II N8TR W9YSX	250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	237 DL7MAE IW1ARB NI0G OM4EX WA7NB	232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF	249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H OK1CF	236 AB4I K1JO K5EK K9NR	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA1SYY JA3EMU K5ZK KA9CFD		230 DF6PB
	247 K0IEA			

JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ	K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	N7JW W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW
229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	219 IK3VUU JA2FBY JA2FJP LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU LA7HJA N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS
226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	221 JA2WYN JJ3PRT K4MWB K8SIX KV7K N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N4PQX N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW
225 A45XR JH7PFD K1MM	220 AG8B DK2NG HB9LCW	215 IZ8FWN JH0INP		

VE3BW

205

F6EXV
I4KDJ
JA3AAW
K9YY
KA9FOX
W8UN
WB8ZRL

204

DJ5AV
EA5KA
F4BKV
IK7NXM
JA9NFO
K4JJW
K9US
KK4SI
LX2A
N4NX
N4QS
N7FU
SM2OAN
UA0SR
US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

AA5AM
JA2XYO
JE1PNX
K4XO
K9MMS
KK2I
NK1K
OH1TV
PA0A
R6AF
W7DO
W8GC
WA2HZO

202

DL1MGB
DL2KQ
DL9DRA
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JA3CSZ
JA5AQC
JH3VNC
JI2KXK
K2NV

LY1G

N5ZM
N7KA
OK1DOT
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RA3S
UA9FAR
W1NT
ZL3IX

201

AG4W
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JF1PUW
JO7WXN
K3HP
W0MHK
W2IRT
W5TCX

200

G0OIL
IK0FVC
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JH2RMU
K1GE
K1GG
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W3GG

199

DK2LO
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K6GXO
KB8VAO
N4DW
W1TO
YO2DFA

198

DL1ROJ
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G4BUE
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IT9JNR
JA4PXC
RX3APM
W8HB

197

G3SNN
JA0EOK
JE1BMJ
JH2UVL
K8NVR
LA7AFA
OE4PWW
OE5FIN
ON4CD
RZ6FA
UA0SC
UT5EL
W0FS
W4UM
XE2X

196

4Z4DX
AA4HP
IK4PLW
JA3RAR
K8PO
KP2A
ND0N
RA9CMO
RZ4FO
W2FCR

195

EA3JL
EA5RM
G3ZEM
JA1EOD
JH1QAX
JN7FAH
K3PA
K7SO
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KF8UN
N1SV
W5ZG
W9OP
WN6W

194

JA1XEC
K4KDX
K9JF
KB9LIE
OH2IS
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W2LO
W4FC
WD8JJA

193

CT1IUA
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K4ODL
N5LZ
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RN1ON
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W9MU
WA2VYA

192

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WE9R

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JA1MCU
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KM1D
N4XU
N5GH
SP2LNW
VE7VV

189

9A2F
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SP7HOV
UA7T
WA3C

188

AB4IQ
CT1FMX
JA1KQX
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
W1YM
W6SR
W8JV
WA6YEE

187

AJ1H
JA8DNV
K0SR
K6SRZ
KN5O
N2NS
OK1CZ
SP3FAR
W7AWA

186

IK2QPR
JA2LCP
K0BJ
K7LAY
YL2TW

185

AB6QM
CT1EAV
EA6BF
G3KWK
IK3SWB
JA2ZL
K5ZD
LA3WAA
N4TJ
N5UR
OE2BZL
SV1DPI
UA9CBO

184 HA5WA JF1NZW K4HGX K5KLA KB4ET N9RC S57AC US8UA UT2UB W2YJ	W7BEM W8TN	W4GD YO7NE	IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WA9PIE WC4X	I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB
183 CT1FPQ HK3W IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	179 IT9ELD IW0SAF JA9NLE K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI K5GKC LA5LJA N7IR N7XR PE1L TF3SG VE3FF W8HC WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N
182 DJ9ON DK3UA JA1SHE JA3ENN JR7BDQ N3OC UR3EO	178 4Z5CX EA3CJ JA4MRL JL1SAM K2UR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS	
181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W9AJ	177 9H1SP AE5E CT1GFK K3WC K4RG K9NU OK1DWC SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ K1NTR K4XR K9YC KA1J N5FG PY5EW RC9F UN9L W3IP	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7Yaq WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC
180 DM2DXA DM3VL EA8JF IK4ADE JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP W1RM	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK RL3FA SM5FUG SP1MGM W4BP	172 EA7TV G3NKC	168 G3MXJ	

WA8TXT

165

DL7UCX
F6HDH
HB9TKS
IK0AGU
JE7RJS
JH7CFX
K5JZ
KK4CB
N4HB
N9FN
NY0V
SM4CTT
W5BN

164

GU4YOX
HA7UW
HB9BZA
JA1RTX
JA7ZP
JH2SON
K1NJ
N5WA
RA3ZH
RN3OG
W4DKS
W4NS*
WP4G
WW3S

163

9A2JK
DJ9HX
JE2LUN
JH4CPC
K7NN
K8TL
OK2QA
UR4CWQ
VE3CFK
W7AL

162

4O3A
9A4W
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IZ4DPV
JA6GIJ
JH4ALY
JR5JAQ
LB6KC
N8MR
RW3RN
W0HT

W0TT
W1LW
W8WEJ

161

DK2GZ
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K8ND
LB2TB
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OH6RA
VK3HJ
YU2TW

160

AD5Q
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DL1DA
IW2FND
JA2EPW
JE2DZC
JE2OVG
JF2XGF
JR7MAZ
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K3RA
NR4M
RU6L
UA0FZ
UX5UO
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W9RN
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159

JA4FKX
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UN7JX
W3HKK
W6BJH
W7SX
WD5BJT

158

AA6AA
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J11NJC
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W4QN

157

AA4H
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SV8ZS
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156

AB9V
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N3UA
N7WS
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VA3LX
W1YIF
W4TV

155

DL1RK
DL4SZB
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NE0DX
NW7E
SM6VR
W2XI
WE1P
WS5W
ZS6EZ

154

3V8SF
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JA8NFV
JR3OEH
K0KVR
KR2Q
NX8Y
SV1CNS
W1NA
W5DNT
YS1RR

153

AJ9C
CU2AP
DF2RG
DL3ZA
G3TJW
HL2CFY
IZ3ENH
JF1IRW
JR9OPJ
K7SP
K8VFX
KD0PO
LZ1PM
N4TV
N5TW
N8II
R9OK
SM6CLU
SP5CCC
UT5UY
WB8BPU

152

EW2A
JT1CO
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KQ4AV
KS3F
N9OY
S55ZZ

UA6IGI
UN7LZ
UT5AB
VE6LB
W1SKU
W1VT
W6RLL
W7AJ
WB3CQM

151

AA7G
DK2OY
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F3SG
HB9SLO
JA2VQF
JA6BEE
JH1NYM
JR1XIS
K2AX
K2FW
N2ZN
N5JB
OK1ATP
RD3A
RU3A
S54A
SP7AWG
SV9AHZ
W7CT
W7RH
WA1Z
WA2BCK

150

EA1AF
IV3RAV
JA1SVP
JA2NQG
K0RS
K1OA
K5TR
K7LV
K8AJS
KU4XO
LA6OP
N3QE
N9CO
OE8SPW
ON6AA
SQ5EBM
UA6YW
W2/CT1GIF
W6DAO
WW2DX

149 DL7CX HB9HFN IOJBL IK4FNF JL1ARF K3TN K4YYL K5VWW K7HP K8ME K8ROX R8TX SM6CUK UW7UA W0GG W7HPW WB8B WD5K YO3DDZ	K6NR K7WP N7BT OH1JP RU0SN W1IZL W1ZT	YO3CD	W4JVN W4VIC W4WT W8GNM W8HW ZS1C	K2RET KJ6P LB5WB OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM
148 DK2CC F5CQ F5LVL F5PAC G4FTC JH1QDB JL1UXH N2WB N5XZ NE3F W5FKX W9JJB	145 AF4HX HI3T JE6TSP JH4HMG JH7RXU JJ3HGJ JK1AJX K3VAT K4OY K8BL KF6HI KR0P N1CGP N4GG N6PSE N8OC OE6VIE RT0F SM3DTR W5ADD	143 DL1DUO DL6EN HB9RYZ IT9BLB K7CMZ K7CW N2RJ N2WM N5UW N6PAT NN4R W0IZ W6QUV WB8CQV WB8ZRV WD9DZV	140 9A1CAL JA4OK K5WK K6KLY KF8DX N4XP OH6NIO ON7DR UN1L VE6SV W0SEI W4NU W7IV W8LWU WO2T YL2MU YO9FNP	137 EA1YO GM3YOR IZ2FOS JA3APU K2QMF K8NS RA3CO RG7G UU1JA W1ITU W5ODD WB5JID
147 EA3GP IV3VBM IZ0RVI JA1XQC JN1BMX K8UT KM1H N1IBM NA5C PC3T W1OP W2KKZ	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ HS0ZEE I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C LA9GX N1IX N3KK SM4OLL SM5CLE W4GE W7ZI W8RLS WC5M WD5T	142 I5HOR JA2ATE JH0BQX JR7WFC K3PP K4WZ K6EME KK1W LA9VFA MM0SAJ N7QT NA4D NQ7R NY2NY OK1DO W2OO W5LUA W5VQ WA5POK	139 DF7EE DJ4XA DL5EBE DL8OH DS1JFY HB9CQK JA1TMG K3ANS K6AM K8GI K8RF KA8SYV KM3T KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	136 E72U ER0FEO HB9IQB IK8CNT K0TV K4ZO K7TM KR6C NA5DX OK1DW SM5OJH SP2BMX UT3UZ UW8SM W2OIB WB7QXU
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K5KV K5SM		141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JA9RRH JH1HHC JH4JNG JI1DCW JR2LJO K2RW NJ3K SV3FUO W2CG W3BW	138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC JA3OOK JF3LOP K1RO	135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC IZ7EVZ JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4TT

K4ZRJ	KU2A	ON4ON	JA1XCZ	126
K7FL	OE1KM	PY5EG	JA2AHH	AC9EM
K7XB	RA5BM	R0SR	JA2KSP	DJ8WD
NZ9R	RV4LC	R9MJ	JA5FDJ	F8BPN
R3VA	UQ2PZ	R9SA	JA9AA	G4IUF
R7LP	VE3WT	W8DCH	JE1LFX	JA7KY
RN3RQ	W0NFL	ZS1A	JH4GJR	JH3CUL
SM3LGO	W2QO		K0FF	JJ1DWT
SM5CZK	W5AJ	130	K3XA	K2ZD
SP3XR		DF9ZW	K4JAF	K4JKB
SV5DKL	132	E73M	K4SE	K4XU
W1DIG	AA4NC	EI2JD	K6LPO	N8NA
W1EQ	AB9M	G7VJR	KG7CW	OE3SGU
W2GD	AD6W	HK0HEU	KM4NS	OK3CQD
W4BUW	IK3VBB	IK3XJP	N5KM	PA5TT
W4MBD	IT9RDG	JA2FBC	OZ1IKY	VE3CX
W4RFZ	K6YUI	JG1DUZ	R9SG	VE7BV
W6DR	K9ZM	J14POR	S53X	W8REW
W6JTI	N6HY	K2MYR	S55DX	W9ILY
WE4S	OZ2RH	K3NK	SM3GQP	WB0O
	SM4BZH	K7LFY	SV3DCX	WB2REM
134	SM6BGG	K8BCK	US8UW	WD4LBR
CT3HF	SP6M	K9GL	VQ9LA	YU1EXY
HA1RB	VE3CRG	KO8SCA	W2WC	
IK4DCS	W4AXL	NA4EA	W4IS	125
JA7LGE	W4RBO	NO9E	W6RKC	9A1AD
K1TO	W4WM	OZ2ABI	W8KA	AG1A
K1ZN	W5SL	R5QA	ZS6UT	GW3TMP
K3OX	W7AH	R9AB		HK4SAN
KX4TT	W7CD	RU1AO	127	IW0HEX
N9MR*	W9FR	S51NM	CT3KN	JA4IYL
N9RS	WB3D	TA1CM	HK1MW	JA6VU
OE1TKW	XE2S	VE3DO	JA1DDH	JE1TSD
OH1ZK		W2MPK	JA1WLO	JE6UWU
ON4CAS	131	W9ZT	JA8RJE	JF2WXS
PY5HOT	DK7YY		JA9KRO	JH1AGU
RG6G	DL9FCY	129	JH3AIU	K1HAP
RX4HW	G3UHU	HB9AZZ	JN1RQV	K5KG
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SP6JIU	IV3KFB	JA8JO	K0RW	KA6BIM
UA0ACG	JA0AOO	K6XM	K3TRM	KI4WCQ
W4JKC	JA2TBS	K8DV	N1AC	LZ1XL
YU1AM	JH4ADK	LB7ZG	N1GC	N2KA
	JJ1TEA	N0YY	N9RD	N3EN
133	JM1FHL	N2BJ	OE8HIK	N4JT
9K2NO	K1UU	N3KS	PA3EWP	ND5S
EU1U	K5VIP	N3RR	SK7AX	NW6S
G4XEE	K6SIK	W0YVA	SP6A	OE1AZS
IK5DNF	K9DR	W7QHE	SP7ASZ	RA0BA
IZ8DFO	KC2LSD	W8MET	W0CP	UU7JM
JA6CBG	KH2L	W8MK	W0RT	VE3UTT
JA7GLB	KM3V		W1OPD	W5DAW
JA9AGN	KM4H	128	W3BG	W9CG*
JR6FC	N3MK	AA4SC	W3FOX	WV4TN
JR7FRW	N4QWZ	DM2RM	W3MF	YO2RR
K2CDJ	N5PHT*	IK2SGB	W8LMG	
KS4YT	N6RK	IT9ZZO	XE1KK	

124	122	WY1G	JA3AZD	DL1DWT
AA7XT	BA4RF	XE1VIC	JA4XGC	G3PLP
AB1OC	G3NDC		JE2JMV	IT9DAA
J11DHY	IU0LFQ	120	JH6CDI	JA1HQT
KD2T	JA1MRM	9A5F	K3NF	JA4FM
KD4POJ	K1BZ	AA5JF	K5UZ	JA7GYP
NA2U	K1ESE	AL7TC	K7EG	JA7IC
PA0TCA	K1YT	DL2VWR	K8KWT	JM3GXU
UA0BA	K2MP	FG5FR	K9SG	JR2UBS
VA7CRZ	K7ZA	HB9BLQ	N0KV	K2BB
VE1DUN	LA7WCA	IZ0LKV	N4DJ	K6PJ
W2JU	LA8PT	IZ5NFD	N9UA	K8OOK
W2RIJ	N3NR	JA4EPE	NT2A	K8QM
W3FM	N9AW	JR3UIC	NY7T	K9FN
W6CYX	NN7X	JR6LLN	OH5NG	N2JJ
WB8K	OZ3Y	K2BA	OK1DT	N4IR
WT4Q	RD4A	K2HK	R6FFB	N8AA
	SP9WZS	K3QIA	SV1ACK	N8XI
123	UU4JMG	K6FW	VE3YF	NY4G
AC4TO	VE6AX	KA8ZPE	W4HZ	ON5UE
DL7JRD	VK4CAG	N4BAF	W8FIB	OZ5HP
F4GTB	W2TB	N4LR	WC2K	SM7BIC
G4WFQ	WA3I	N4TB	XE1RCS	SP8HKT
G5LP	WA7BNG	N4UFP		UA6J
HB0WR		N8PW	118	UB3A
IK2CHZ	121	OE3EVA	5T5PA	UR9IDX
JA0CRG	AA6RR	OZ2A	AB2E	US1CT
JA1SJV	AA8CH	PZ5RA	DL5OCE	W4ZRZ
JA3MHA	DF1DB	RL3BZ	JA4FHE	W6SL
JA6WJL	DK1EI	SP3PLD	J18DGO	W8ZR
J14WAO	DK6CQ	SP7ITB	JN7DOS	WA2USA
JK1EXO	EI2GLB	SV1IW	K3WGR	
JR1EBE	HB9DHG	UR5IKN	K4CNW	116
K2PK	IT9AAI	US0YA	K5XM	AJ4F
K3FRK	JA2HYD	W0RX	K7PI	DL7URH
K3XO	KD8RQE	W2YR	K8LN	EA5BRE
K4ZIN	KG9Z	W3OA	K8WVA	HA7PF
K5GH	KV4AA	W4PRO	KD6UO	HB9EFK
K5JC	N0OK	W6RFL	KG8CW	IK0EIE
K7UT	N1JP	W7RN	LZ2HM	IK2OHG
K9CS	N3ND	WP3R	N2MM	IT9TQH
KV4T	N4TL	ZL4AS	N6MB	IV3HYD
N2ED	N6HC		PY2PA	JA1WTI
N4DWK	SV1AHX	119	RN3TT	JE2EHP
N6MZ	SV1FKZ	AA3AZ	SV9COL	JH3GCN
N9JV	UQ1GWW	AA4DD	TA2RC	K1DC
N9LQ	UT4EO	AE3T	W1KSZ	K1RI
NA2P	UU2JQ	AJ4A	W4DAO	KT1V
NA9RB	VA3AYA	DK3GG	W4NJ	KV1J
S50B	W0QQ	DL9OBY	W5JMW	NA9Q
UA3DK	W2GG	EW4M	WX3P	OH8LXT
UR9QQ	W3RJW	G4DJJ	YO4AUL	OZ1LCG
UT3QU	W6XI	HB9AAQ		PA0JSE
W1AO	W9FI	HB9BCI	117	RV3ID
W4NF	W9XX	I2TZK	9Y4VU	TZ4AM
W8NJR	W9YE	I4MKN	AE0P	UA4PCM
XE1H	WA1PMA	IK0ZIO	BH4IGO	W1ENE

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W7GG	K1RV	SV2AVP	W5VX	BA4MY
W7OEV	K2DC	UN7TW	W6TC	DL1VDL
W8LRO	K2HAT	VE3KI	W8GEX	EA5BYP
WQ5L	K3MD	W2GW	W8HMK	F5BAR
115	K3OSX	W6BK	W9SE	G3LNS
C6AGU	K5CD	W8FAX	WA8OLN	G8AJM
CU2CE	K5RJ	W9DX	WT9U	HC1BI
DL9GOA	KB8U	W9VNE	ZP6CW	HI8R
G8BCG	KZ4V	WA2BOT	111	I2BBJ
G8DX	N1QY	WA4DOU	9K2OD	IK5RUN
HA5UK	N3MN	WB2HJV	AA4U	IK8UHA
HK3PJ	N4IQ	WB2UFF	AF4OX	IZ0CKJ
IZ7JVR	NU8Z	WS4C	CU3AN	J68HZ
JA2KNW	UA3FT	ZL1BYZ	DG7RO	JA7EPO
JA3NHL	W0VX	112	DK2WH	JE2UFF
JA5WIZ	W3MR	A92IO	DK6ED	JH1VHU
JG3LGD	W4TUN	DJ1RL	DL1HRN	K2BLA
JH1RFM	WA1FCN	DK5RL	EV1R	K3JRR
K0GD	WA4CEM	DL5CL	F6ECI	K3PH
K0SD	WA8MCD	EA1JO	G4DBN	K4WW
K4CMS	WA9YYY	EI8IU	HL3GOB	K6MI
K4GHS	WN9O	EW1DO	JA1AUD	K6VKO
K4GK	XE1RBV	G3XGC	JA1FGB	KB4MRX
K8YTO	XE3ARV	HB9CEX	JA1NCZ	KC2STA
KZ5DX	113	HB9CRV	JE8TGI	N2CG
LY4T	9A1A	HB9G	K0FLY	N3HBX
N0IRM	DJ5DT	IK2ANI	K5WAF	N3IQ
N4OA	DJ9RR	IU8FRE	K7ORK	N3JB
N5BO	DL8CM	IZ4DIW	K9AJ	N4KE
N8KOL	DL8DYL	JA1SXR	KM1R	NC6K
PA3AXU	DL9GTB	JA7BXS	KP4AA	NK7C
RZ6MJ	G4AFJ	JF2WGN	KZ0X	NY4I
UA1ANA	JA0GCI	JR7TEQ	LA0CX	RD9M
UA1CGS	JA4BXL	K0JPL	N4WJ	SM5BHW
UA6XT	JA4ITW	K1EDG	N7BD	SV1VS
UN6T	JH1ORA	K1EO	N9HF	UA3O
W4UCK	K0TPP	K1KO	NA1DX	US7MM
W5VY	K8SL	K4UAS	UR6QA	W0UY
W9HBH	KA4RRU	K8CC	VE6KC	W3XY
YL2CZ	KH6DX	KB2FCV	VE7CT	W4DC
114	KI0G	KI4DLS	VE7UF	W4NE
AB4GE	KT1J	KM1C	W0VHF	W5ZPA
BA4DW	N6PE	LA8HGA	W1FO	W6KK
BA7IO	N7KO	N5ZC	W4HOG	WL7E
CT3FN	N9ISN	N6MA	W4OX	XE1FAS
CU3AK	NA3F	RU4SU	W5AQ	YU7AU
DL6NB	NG0G	SM3DMP	W7VS	ZL3NW
F6CWA	NI5F	UA1ACG	W8MIL	109
G3SDL	NK5B	UA1CEI	W9RB	DF1KG
HP3TA	NZ3M	UT6UD	WA2MUA	EA3GHZ
I5OYY	R7NA	VE7XF	WB4TDH	EU4T
IK7YZG	RA4UN	W1HEO	WB9EEE	F8EZE
JA1OVD	RZ3AUL	W2CVW	YL3DQ	G3SVD
JA4KDT	SM5ARL	W2SKI	YO6HOY	IW0HQE
	SP3EPG	W3UL		JA2CXF

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K4RDU	N9SF	N4RF	KQ3F	K6DJ
K5FZ	N9TF	N6EE	N0JZ	K7OX
K5KA	NU4Y	N8AGU	N2CW	K7PO
K5KPE	PA0ZH	NA5Q	N2SQW	K9RO
K6MW	R5FY	OE1CP	N3XM	KI5T
KE1F	R7LA	OK2BUZ	N8AID	KT2E
N1BZ	RA1OHX	OK3CQR	NA5Z	KX2A
N2WLG	RX6DX	R0FA	NI5M	LZ1JZ
N7TY	S57J	RN4AA	NS3L	N2DPF
N8NN	SM6AOU	RV6ARZ	OE5CSP	N4JI
ND4V	UX7UN	SP3BQD	OH2OT	N4NW
NN4RR	UZ6LWZ	SP6AXW	OK1AYU	N4PL
NU4I	W2UB	US5CB	OK2BVG	N4SC
NX7U	W3NRJ	VE3OI	S57AL	N4VN
PY5CC	W4ZYT	VK3NX	UR3CRO	N6NU
RW4UU	W7ACD	W3KB	UT7UU	N7DR
RW9QA	WA2ALY	W4MAY	UU5WW	ND3L
RX3AGD	WA8MOA	W6TDX	V73AZ	ON7PQ
TG9NX	WB8BZK	W8IW	VQ9SS	OZ4AAL
UB5ZAL	WC1M	W8VK	W1CWU	PF7M
UT7KF	WC6DX	W9CPV	W2EQ	PJ2/K8ND
VU2CPL	WD9EQU	WA0RVK	W2LE	PY2DS
W5WP	WW1WW	WB6CJT	W2NO	R6YY
WB5TUF	ZS2DL	WB8ART	W3ICM	RA6AF
WN0L		WS1L	W4IR	RD4WM
YV3AGT	107	XE2YWH	W5JAY	SP5JXK
	4Z5LA	YL1XZ	W5KI	UA6LCN
108	DJ8ES	ZL3RJ	W8OP	UR1RWX
AI2Q	DK3FB	106	WA4MYO	UR2RGN
AL7R	DL1QQ	AA4FL	WA6TLA	VE1PZ
DL6CNG	DL2CHN	AE2U	YL2GN	VR2MY
ER1LW	DL5XU	DJ6OZ	YU3EF	VY2ZM
G3VAO	DO4DXA	DL2NOM	105	W1LE
HB9BAT	EA5AT	DL3JSW	DF2PI	W1LY
HB9FAN	EA7QW	DL6JZ	DF8AA	W1MRH
IK0PRG	FG8OJ	EA3CCN	DJ3XD	W4OWY
IZ0BTV	G4AKY	HA8DZ	DJ6KH	W6FF
IZ2EWR	G4RGK	IW3GJF	DL4ZAB	WQ5W
JA2MOG	I5IHE	JA1VLK	DL6XK	YU1NR
JJ2PIK	IT9XTP	JA2MNB	DO1CTL	104
JK1MZT	JA5EY	JE6IGP	ES1GO	9M2AX
K1EP	JA6OXT	JG3HBO	G3YUV	AD1C
K1XM	JA8JTH	JG5RVQ	HA8FW	AG4Q
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K2KQ	JR1BAS	JH6PFY	JA1TAA	CP8HD
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K4SAF	K1TZQ	JR0EQQ	JA6VA	DK3BK
K4WY	K3SW	K0DEW	JA7BME	DL4FAP
K4YJ	K3YBN	K1PX	JA8RRF	DL7UPN
K6UT	K4MS	K4DSE	JA9APM	E73D
K8OM	K8LBT	K5AM	JF1RYU	EA8ZS
KM8AM	K8ZR	K5ZQ	JF2VAX	EI9E
KN4JX	KB9DAK	K8JJC	JO4CFV	F6AJA
LU2DKT	KE2R	KD9HL	K1DJ	F8GB
LZ3YY	KZ1W	KK8X	K2XF	G3BRD
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IK0DWN	W5GJ	R9GM	K8BHZ	DL3ANK
IZ4MJP	W5ZO	RA0FA	KJ6NZ	DL5JS
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JA1SDV	W7DR	RK3QY	KW4BY	EA1WX
JA2FGL	WA0I	RU3OW	KY6R	EU1TT
JF1EGO	WA9ETW	SM3CBR	LA3ANA	G3ZFC
JF6WTY	YC0LOW	SM6EHY	LA6UL	G4FJK
JK1BSM	YO5ODE	SM7BHH	N5RZ	GM3WTA
JO1WXO		UA3PFN	OH2EA	HB9NL
K0WK	103	US2WU	OK1DTN	IV3GOW
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K4MF	DJ3GZ	VE3EDY	PV8ABC	JA6TMU
K4VIG	DJ7PI	VE3MFA	PY2DO	JA7SFD
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K6UM	DL8YRM	W0QC	R3IS	JF1RPZ
K7TJR	DM5TI	W0UVC	RU3UN	JH3HGH
K9EA	DS3HWS	W1CTN	S59DJK	JH3PRR
KA2BZS	EA7SG	W4AVY	SM6WET	JH7BKN
KH6KG/W5	EU6MM	W4MZ	SP5MXZ	JI3KDH
KI0KB	EW3LB	W5THT	T77V	K0LW
KW0A	G3BDQ	W5VU	UA1AIR	K1YR
LZ2XF	G3OIL	W6SZN	UA1CKC	K2BX
N3ER	G4AAW	YO7APA	UA6HOF	K2TER
N3TR	G4PUQ		UA9MR	K3SEW
N4GU	G4VGO	102	UA9UCO	K4NNX
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N6PF	JA2GQO	CT4BD	VE2FYR	K6AAW
N6WM	JA2OLJ	DK3QM	W0JMP	K6XJ
N8MZ	JA3FHL	DL3DXX	W1AW	K7AR
N9DR	JA8EJO	DL3NCR	W1PV	K7IA
N9PGG	JE1SYN	DL4CW	W2LW	K8BN
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OH4UI	K0EOO	EA1CP	W4ALF	KC4PX
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RU3UR	K5JUC	EI6GF	WA0IDK	KE4S
RZ6DX	K7BTW	ES5RW	WA1S	KF7NN
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UY0MM	N1HOQ	K2LP	AA4NU	N9JCS
VE3VHB	N9BBQ	K2TK	AC2AC	NE1F
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OK4MM	DU7ET	N0ATQ	W0GYH
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RA3AH	EA8AXT	N2SG	W1YRC
RA4P	EC5A	N2XQM	W2CCC
RA4SD	EI3ISB	N3AF	W3BBO
RB7GG	ES5NC	N4CRI	W4HHN
RK9F	FM5GU	N4ZR	W4OEP
RY6M	G0VXE	N7DED	W4OV
SM2DMU	G4CGG	N7TK	W6WA
SM7NDX	GM3ZSP	N8IL	W7DT
SP7JLH	I2VGW	N8NB	W7JET
SV1PL	IK0HFO	N8OQ	W8CNL
UA0FDX	IK4MSV	N9ADG	W8FN
UG6GAW	IK5ZUK	NA6O	W8GDQ
UR5WIF	IS0/YO3RA	NB3R	WB4SON
UR7CQ	IT9CVO	NG7A	WU2M
UT1CC	IW0BYL	NJ3I	YB1TJ
UT4IS	JA1BRK	NN4SS	YL2SM
UT7HA	JA1CPU	OE5JDL	YO9FLD
VE2OJ	JA1ILA	OK1DXD	ZP9MCE
VE3XB	JA4FSH	OK2PAZ	
VK2GR	JA5DQH	ON4ANN	
W1FC	JA9CGW	ON7EH	
W1GF	JF3DRI	ON7GB	
W2SF	JS6TWW	ON9CC	
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W4BUE	K0XM	PA0INA	
W4PM	K1NA	PA7RA	
W5RF	K1NZ	PY7DJ	
W7AV	K2CBI	R3PJN	
W7CB	K2CYE	R9JX	
W8GB	K3TZV	RA3SD	
W9MAF	K4FT	RA4LW	
W9ZCL	K4KSY	RA6XB	
WA3EKL	K4QS	RC2A	
WB3HLH	K4UQC	RN1A	
WC4H	K7VIC	RT5A	
WK9U	K8BZ	RU3GF	
WR2G	K8CR	S53MJ	
WV9L	K8CS	S59SV	
YO2OXD	K8LE	SM0CXU	
YO6BHN	K9NZ	SV1VJ	
YV4DYJ	KA9UVY	SV2DSJ	
	KB0EL	TI5CDA	
100	KB1HY	UA3AKI	
9M6YBG	KC0V	UA4PAY	
A41ZZ	KC4D	UA6CEY	
AA4AK	KC5LT	UN6P	
AA4UC	KD8BZY	UR4CW	
AB4VV	KP4N	UR4LRG	
AC4VM	KQ5M	UR8IDX	
AI2S	LA8W	VE1RGB	
DJ6OI	LU5OM	VE3OAT	