

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 28 Oct 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	OH3SR W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR	309 I4EWH	
340 K1ZM			308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR		301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
335 OH2BU R7LV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
334 N4WW	322 UX0UN W3UR			300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
332 UR0MC	321 WB9Z	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		299 K4TEA N1BUG SV1FJA UX1UA W7UT
329 K3UL UA4HBW	318 4X4DK W9ZR		304 DJ0MDR GM0GAV SM3GSK	
328 UA4CC	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX

SM5CEU	UT1UY	SM6DHF	276 G3LZQ N8RR N9IW OK1AWZ VE2TZT	KD5M SP9JZU W1ZC
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX
295 K3UA	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ KG4W 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 UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 K5XI SP3DV UX1AA	277 AA4MM DJ9VA DK5WL F6AOJ HB9AMO IK5BAF OH3BU ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK		270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY
290 UA3AKO			269 K6ND	261 9A4T

DL9YX K2EK K5KC N6SS NO8D SP1S	OM3DX WA4FFW	WB3AVN YO9HP	UA3TT VE1YX VE3NH	SP8AJK WA7NB
260 K1LT K4DY UT9FJ	253 5B4AGN IV3YYK K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
259 DF4PL F6GCP G3ZSS I1FQH R9FM	252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE 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	234 IZ8FFA K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY ON4IQ	238 DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP W3LL	233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 K1GUN K9NW N4II N8TR W9YSX	250 HB9RG NQ1K OZ8BZ	243 DK2JX DK3DG ON4ATW S57A SV8CKM W9RPM WX4G	237 AC4G DL7MAE IW1ARB NI0G OM4EX	232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL JH1GZE K5VRX K8FL KY7M SV8GFW W1TSP W3DF	249 AB3CV AI9L K9RX SP5DRH	242 EA4KD KG7H	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK KA9CFD N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM		230 DF6PB JA1CMD KD0Q N8JV
254 AA1QD I1EIS N0AT	247 K0IEA K6XT NN4X NO2R R7IA WA7NS			

SM3NXS
W4GF
W4VQ

229

CT1FJK
DJ4AX
JA8FKO
JI1BEX
OE5NNN
RO7T

228

AF9H
AI0O
E72A
K4HB
N2WK
OH2BEN
VE3DZ
WB6RSE

227

DL7HU
ES1RA
I3BUI
IK0HBN
IK6FWJ
JA1UQP
JA2NDQ
JA9CHI
K1FK
K3NW
W9BF

226

DL5WW
JA6BZI
JF2KOZ
JR6EZE
K9FD*
N6JV
ON4GG
SP3CGK
US0SY
UT5JAJ
VE6WZ
W0VTT

225

A45XR
JH7PFD
K1MM
K5AB
K9FD/KH6*
N4CH
RA3QK

RV1CC
RW3XZ
SP8NR
VA5DX
W7KW

224

MM0EAX
N0AV
N8BM*
SP5INQ
SP7GAQ
VK6VZ
W2RQ

223

AB0X
DJ8NK
HA7TM
JH2TPI
RT6T
SV2JAO
UR5FEO
ZS4TX

222

IV3JVJ
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K8FH
K8ZTT
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N5JR
N8PR
N9BX
SM0CCM

221

JA2WYN
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K8SIX
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W1ZK
W6JRY
WS6X

220

AG8B
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JR4OZR
KA1R
N1LN
VE3EXY

219

IK3VUU
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JA2FJP
KV7K
LA7GIA
LB8DC
OE8RT
RA3WDK
SP4K
UT7UV
WA2UUK

218

AD5A
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IK1YDB
JA6LCJ
JA8CDT
K0EU
K5UO
UT4MF
W5PJR

217

DM5EE
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216

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N5UL
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W0GJ
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YO7LCB
YU3AA
YV1DIG

215

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214

DL7BA
HL3IUA
IZ8VYU
JA2JW
K4NA
LA4GHA
LA7JO
OK1DX
RN7G
W4NL

213

DF2IS
EI3IO
HA1RW
JA2IVK
JF6DSZ
K1ST
NA2M*
RU4SO
W0LYI
W1FJ
W2WG
W3YY
WS9V

212

AA9A
DL9GFB
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K8ZH
KE9I
KG6I
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N4MM
NX0I
OZ1AXG
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W1ECT
WB9CIF

211

EA1RT
IK4DRR
JA4DEN
K3WA
RU3SD
WA5VGI
WP4U

210

I8SAT
JA7MSQ
JJ2LPV
UW7LL
W7JW

209

DL5CF
DL9MRF
EU1KY
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HB9DDZ
JA0UUA
KG9N
N9LB
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VE3LYC
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W9OO

208

G3NSM
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N5ORT
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UN5J
UY1HY
W6PJ
W9EWZ

207

K1DT
K1LPS
K3JT
K8EUR
N9AU*
PY2BW
PY2XB
W0LS

206

IK0IOL
JA3PIS
K2VV
K3LR
K5AQ
K5MC
K8AC
N8DJX
SM6BZV
US0KW
VE3BW

205

F6EXV
I4KDJ
JA3AAW

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

202

DL1MGB
DL2KQ
DL9DRA
JA2JNA
JA3CSZ
JA5AQC
JH3VNC
JI2KXK
K2NV
K9YY
LY1G
N5ZM
N7KA
OK1DOT
R9TO
RA3S
UA9FAR

WA2HZO
ZL3IX

201

AG4W
CU2DX
DL1EJA
JF1PUW
JO7WXN
K3HP
W0MHK
W2IRT
W5TCX

200

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JH2RMU
K1GE
K1GG
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RW7M
UY0ZG
W0DD
W1NT
W3GG

199

DK2LO
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JA2DPC
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KB8VAO
N4DW
W1TO
YO2DFA

198

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G4BUE
I5KKW
IT9JNR
JA4PXC
RX3APM
W8HB

197

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JH2UVL
K8NVR
OE4PWW
OE5FIN

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UT5EL
W0FS
XE2X

196

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W2FCR
W4UM

195

EA3JL
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G3ZEM
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JA1EOD
JH1QAX
JN7FAH
K3PA
K7SO
K9RT
KF8UN
N1SV
W5ZG
W9OP

194

JA1XEC
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KB9LIE
LA7AFA
SM7GIB
W2LO
W4FC
WD8JJA
WN6W

193

CT1IUA
DF2GH
DK1FW
DL5ZB
DL6ZXG
EA3WD
HA5BSW
K4ODL

N5LZ
N9EN
PA0LOU
RN1ON
UA0CA
W9MU
WA2VYA

192

9A2NA
JA7JWF
JH1RFR
K3FN
K4FJ
K5XX
K7GM
K9EU
KF7PG
N4DB
OH2IS
W3UA
W3YQ
W8LGJ

191

CT3MD
JA1ANR
K0BBC
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA1DUH
JA1MCU
K2TE
K9KU
KM1D
N4XU
N5GH
SP2LNW
VE7VV

189

9A2F
AA1ON
EA8PP
FM5CD
JA0VSH
SM0NJO
SP7HOV
UA7T
WA3C

188

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

187

AJ1H
JA8DNV
K0SR
K6SRZ
KN5O
LA0FA
N2NS
OK1CZ
SP3FAR
W7AWA

186

9A8A
IK2QPR
JA2LCP
K0BJ
K7LAY
YL2TW

185

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

184

HA5WA
JA2ZL
JF1NZW
K4HGX
K5KLA
KB4ET
N9RC

S57AC	K8WK	K5GKC	W3JX	N8BJQ
US8UA	N2PK	LA5LJA	W4FQT	PA7F
UT2UB	OK1MG	N7IR	WA9PIE	SP5GH
W2YJ	S57UN	N7XR	WC4X	SV2AEL
183	SM4DDE	PE1L	171	W4SVO
IT9INO	SV3FUP	SP1MGM	AA9D	W6VX
K4CN	W8KEN	TF3SG	DL6KR	W8OI
K8RRT	178	VE3FF	G0EHO	WA0MHJ
K8VC	4Z5CX	W8HC	HA9PP	WA5YNB
N9MB	EA3CJ	WX0V	JA6HUG	167
NN2L	JA4MRL	174	JR1TNE	DK5AD
ON6SAS	K2UR	4Z5MU	K1NU	EC3A
W2FP	NE0U	JA0GJJ	KI5BLU	EI6FR
W8NW	SM7DLK	JA1PPW	N0RN	JA6VQA
182	SV1JG	JA2XW	N4OGW	K6KO
DJ9ON	W6NWS	JA7MOL	N7RO	K8NK
DK3UA	W7MEM	JF7DZA	RA3DNC	K9MBQ
HK3W	ZS1LS	JK1OPL	SV1LK	N0IJ
JA1SHE	177	JR6PGB	170	N3BNA
JA3ENN	9H1SP	K1KI	DJ6TK	OH2BLD
N3OC	AE5E	K2KA	JA6JPS	PA3C
UR3EO	CT1GFK	K3AJ	JE3ENP	RA1AOB
181	IK4ADE	K4TR	JF1WPB	RN9N
DK3WW	JL1SAM	K4WS	JM1GYQ	S51EC
JA2BDR	K3WC	N1EN	K6ZZ	W1YW
JA9TWN	K4RG	OE1WHC	N4PY	WA4LOX
JN4MMO	K9NU	RN7F	SP3GTS	WB0TEV
K2EP	SM6DHU	UA3LNM	SV3KH	WC5N
LZ2ZG	W2OR	W8UV	W9EVI	166
VE3OSZ	W5LT	W8VVG	WA3AFS	4Z1UF
W9AJ	W7FI	WT8C	169	DJ4SO
180	WB7B	173	IK0PEA	HB9FMN
CT1FPQ	176	5B4ALJ	JA1ADT	IV3TDM
DM2DXA	EU1AB	I1JQJ	JE2LPC	JA1FNA
DM3VL	G0BLB	JG0CQK	JR1IZM	JA9LJS
EA8JF	I6FLD	K1NTR	K1LI	K1KA
JE2URF	JA0DET	K4XR	N4XX	K3KY
K6SSS	JA5IU	K9YC	N7US	K4JLD
K7BG	JA6BJV	KA1J	UT8MM	K4PB
LA9AJA	JA8KSF	N5FG	UY5AA	K4WA
N1RR	K8MN	PY5EW	W6RW	K4ZYU
N4AH	K5OK	UN9L	W7Yaq	RM3DA
ON5FP	OK1DWC	W3IP	WB3JFS	W0DJC
W1RM	RL3FA	172	168	W1RR
W7BEM	SM5FUG	EA7TV	G3MXJ	W8ILC
W8TN	W4BP	G3NKC	IK2EGL	WA8TXT
179	W4GD	IZ5MOQ	JE7JDL	165
IT9ELD	YO7NE	JA3FGJ	JF2UPM	DL7UCX
IW0SAF	175	JG3IWL	K4XD	F6HDH
JA9NLE	JA1CHN	K0DEQ	K5QY	I2ZGC
JR7BDQ	JH2QMT	K1BD	K8RYU	IK0AGU
K0TT	JS3CTQ	K6FG	KR4F	JE7RJS
	K4DLI	KJ0M	N4QQ	JH7CFX
		VE6WQ		K5JZ

KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	W2XI WE1P WS5W ZS6EZ	151 AA7G CU2AP DK2OY EI9JF F3SG HB9SLO JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW KD0PO N2ZN N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G WW3S	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	157 AA4H AC6DD DL4MM DL6MRS EA5BY G3TQZ JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT YS1RR	153 AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFF LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU
163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	159 JA4FKX JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV	152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM UA6YW W2/CT1GIF W6DAO WW2DX
162 4O3A 9A4W F3AT HB9TKS IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	158 AA6AA DJ4PT DL1FKA G4GIR IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K1CA	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR		149 DL7CX HB9HFN I0JBL IK4FNF JL1ARF K3TN K4YYL K5VWW K8ME K8ROX
161 DK2GZ DL6RAI HB9DHK				

R8TX SM6CUK UW7UA W0GG W7HPW WB8B WD5K YO3DDZ	JK1AJX K1OA K3VAT K4OY K8BL KF6HI KR0P N1CGP N4GG N6PSE NA5C RT0F SM3DTR	W6QUV WB8CQV WB8ZRV WD9DZV	K6KLY KF8DX N4XP OH6NIO ON7DR UN1L VE6SV W0SEI W4NU W7IV W8LWU WO2T YL2MU YO9FNP	W7OM 137 EA1YO GM3YOR IZ2FOS JA3APU K2QMF K8NS RA3CO RG7G UU1JA W1ITU W5ODD WB5JID
148 DK2CC F5CQ F5LVL F5PAC G4FTC JH1QDB LA6OP N2WB N5XZ NE3F W5FKX W9JJB	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C LA9GX N1IX N3KK OH1JP SM4OLL SM5CLE W4GE W5ADD W7ZI W8RLS WC5M WD5T YO3CD	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 JA1TMG K3ANS K6AM K8GI K8RF KA8SYV KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	136 E72U ER0FEO HB9IQB IK8CNT JH4HMG K0TV K4ZO K7TM KR6C NA5DX OK1DW SM5OJH SP2BMX UT3UZ UW8SM W2OIB WB7QXU
147 EA3GP IV3VBM JA1XQC JN1BMX K7HP K8UT KM1H N1IBM PC3T W1OP W2KKZ	143 DL1DUO DL6EN HS0ZEE IT9BLB K7CMZ K7CW N2RJ N2WM N5UW N6PAT NN4R W0IZ	141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JA9RRH JH1HHC JH4JNG J11DCW JL1UXH JR2LJO K2RW N8OC NJ3K OE6VIE SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	138 DK8MCT DK8YY EI9FBB F6DDR HB9CQK IK8EPC JA3OOK JF3LOP JH7RXU K1RO K2RET KJ6P LB5WB ON6AA OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV	135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4ZRJ K7FL K7XB NZ9R R7LP RN3RQ SM3LGO SM5CZK SP3XR SV5DKL W1DIG
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K5KV K5SM K6NR K7WP N7BT RU0SN W1IZL W1ZT		140 9A1CAL HB9RYZ JA4OK K5WK		
145 AF4HX HI3T IZ0RVI JE6TSP JJ3HGJ				

W1EQ	JA6CBG	JG1DUZ	R9SG	OK3CQD
W2GD	K6YUI	J14POR	S53X	PA5TT
W4BUW	K9ZM	K2MYR	S55DX	VE3CX
W4MBD	N6HY	K3NK	SM3GQP	VE7BV
W4RFZ	OZ2RH	K6SIK	SV3DCX	W8LMG
W6JTI	SM4BZH	K7LFY	US8UW	W8MK
WE4S	SM6BGG	K8BCK	VQ9LA	W8REW
	SP6M	K9GL	W2WC	W9ILY
134	VE3CRG	KO8SCA	W4IS	WB0O
CT3HF	W4AXL	NA4EA	W6RKC	WB2REM
HA1RB	W4RBO	NO9E	ZS6UT	WD4LBR
IK4DCS	W4WM	OZ2ABI		YU1EXY
JA7LGE	W5SL	R3VA	127	
K1TO	W6DR	R5QA	CT3KN	125
K1ZN	W7AH	R9AB	HK1MW	9A1AD
K3OX	W7CD	RU1AO	JA1DDH	AG1A
KX4TT	W9FR	S51NM	JA1WLO	GW3TMP
N9MR*	WB3D	TA1CM	JA8RJE	HK4SAN
N9RS	XE2S	VE3DO	JA9KRO	JA4IYL
OE1TKW		W2MPK	JH3AIU	JA6VU
PY5HOT	131	W9ZT	JS2LHI	JE1TSD
RG6G	DK7YY		K0RW	JE6UWU
RX4HW	G3UHU	129	K3TRM	JF2WXS
SM0BYD	HS1NGR	HB9AZZ	KM3T	JH1AGU
SP6JIU	IV3KFB	JA1NWD	N1AC	K1HAP
UA0ACG	JA0AOO	JA8JO	N1GC	K5KG
W4JKC	JA2TBS	K4TT	N9RD	K8DV
YU1AM	JH4ADK	K6XM	OE8HIK	KA6BIM
	JJ1TEA	LB7ZG	PA3EWP	KI4WCQ
133	JM1FHL	N0YY	SK7AX	LZ1XL
9K2NO	K1UU	N2BJ	SP6A	N2KA
EU1U	K5VIP	N3KS	SP7ASZ	N3EN
IK5DNF	K9DR	N3RR	W0CP	N4JT
IZ8DFO	KC2LSD	W0YVA	W0RT	ND5S
JA7GLB	KH2L	W7QHE	W1OPD	NW6S
JA9AGN	KM3V	W8MET	W3BG	OE1AZS
JR6FC	KM4H		W3FOX	RA0BA
JR7FRW	N3MK	128	W3MF	UU7JM
K2CDJ	N4QWZ	AA4SC	XE1KK	VE3UTT
KS4YT	N5PHT	DM2RM		W5DAW
KU2A	N6RK	IK2SGB	126	W9CG*
OE1KM	ON4ON	IT9ZZO	AC9EM	WV4TN
ON4CAS	PY5EG	JA2AHH	DJ8WD	YO2RR
RA5BM	R0SR	JA2KSP	DL9FCY	
RV4LC	R9MJ	JA9AA	F8BPN	124
UQ2PZ	R9SA	JE1LFX	G4IUF	AA7XT
VE3WT	W8DCH	JH4GJR	IZ7EVZ	AB1OC
W0NFL	ZS1A	K0FF	JA1XCZ	J11DHY
W2QO		K3XA	JA7KY	KD4POJ
W5AJ	130	K4JAF	JH3CUL	NA2U
	DF9ZW	K4SE	JJ1DWT	PA0TCA
132	E73M	K6LPO	JN1RQV	UA0BA
AA4NC	EI2JD	KG7CW	K2ZD	VA7CRZ
AB9M	G7VJR	KM4NS	K4JKB	VE1DUN
AD6W	HK0HEU	N5KM	K4XU	W2JU
IK3VBB	IK3XJP	OH1ZK	N8NA	W2RIJ
IT9RDG	JA2FBC	OZ1IKY	OE3SGU	W3FM

W6CYX WB8K	SP9WZS UU4JMG VE6AX VK4CAG W2TB WA3I WA7BNG	K5JC K6FW KA8ZPE N4BAF N4LR N4TB N4UFP N8PW OE3EVA OZ2A PZ5RA RL3BZ SP7ITB SV1IW UR5IKN US0YA W0RX W2YR W3OA W4PRO W6RFL W7RN WP3R ZL4AS	W4HZ W8FIB WC2K XE1RCS	K8QM N2JJ N4IR N8AA N8XI NY4G OZ5HP SM7BIC SP8HKT UA6J UB3A UR9IDX US1CT W4ZRZ W6SL W8ZR WA2USA
123 AC4TO DL7JRD F4GTB G4WFQ G5LP HB0WR IK2CHZ JA0CRG JA1SJV JA3MHA JA6WJL JI4WAO JK1EXO JR1EBE K2PK K3XO K4ZIN K5GH K7UT K9CS KV4T N2ED N4DWK N6MZ N9JV N9LQ NA2P NA9RB S50B UA3DK UR9QQ UT3QU W1AO W4NF W8NJR XE1H	121 AA6RR AA8CH DF1DB DK1EI DK6CQ EI2GLB HB9DHG IT9AAI JA2HYD KD8RQE KG9Z N0OK N1JP N3ND N4TL N6HC SV1AHX SV1FKZ UQ1GWW UT4EO UU2JQ VA3AYA W0QQ W2GG W3RJW W6XI W9XX W9YE WA1PMA WT4Q WY1G XE1VIC	119 AA3AZ AA4DD AE3T AJ4A DK3GG DL9OBY EW4M G4DJJ HB9AAQ HB9BCI I2TZK I4MKN IU0LFQ JA3AZD JA4XGC JE2JMV JH6CDI K3FRK K5UZ K7EG K8KWT K9SG N0KV N9UA NT2A NY7T OH5NG OK1DT R6FFB SV1ACK VE3YF	118 5T5PA AB2E DL5OCE JA4FHE JI8DGO JN7DOS K3WGR K4CNW K5XM K7PI K8LN K8WVA K9GWH KD2T KD6UO KG8CW KV4AA LZ2HM N2MM N4DJ N6MB PY2PA RN3TT SV9COL TA2RC W1KSZ W4DAO W4NJ W5JMW W9FI WX3P YO4AUL	116 AJ4F DL7URH EA5BRE HA7PF IK0EIE IK2OHG IT9TQH IV3HYD JA1WTI JE2EHP JH3GCN K1DC K1RI K9FN KT1V KV1J NA9Q OZ1LCG PA0JSE RV3ID TZ4AM UA4PCM W1ENE W1WEF W7GG W7OEV W8LRO WQ5L
122 BA4RF G3NDC JA1MRM K1BZ K1ESE K1YT K2MP K7ZA LA7WCA LA8PT N3NR N9AW NN7X OZ3Y RD4A	120 9A5F AA5JF AL7TC DL2VWR FG5FR HB9BLQ IZ0LKV IZ5NFD JA4EPE JR3UIC JR6LLN K2BA K2HK K3QIA		117 9Y4VU AE0P BH4IGO DL1DWT G3PLP IT9DAA JA1HQT JA4FM JA5FDJ JA7GYP JA7IC JM3GXU JR2UBS K2BB K3NF K6PJ K8OOK	115 C6AGU CU2CE DL9GOA G4XEE G8BCG G8DX HA5UK HK3PJ

IW0HEX	NU8Z	XE1RBV	AF4OX	IK8UHA
IZ7JVR	UA3FT	ZL1BYZ	CU3AN	IZ0CKJ
JA2KNW	W0VX		DG7RO	J68HZ
JA3NHL	W3MR	112	DK2WH	JA7EPO
JG3LGD	W4TUN	A92IO	DK6ED	JE2UFF
JH1RFM	WA1FCN	DJ1RL	DL1HRN	JH1VHU
K0GD	WA4CEM	DK5RL	EV1R	K2BLA
K0SD	WA8MCD	DL5CL	F6ECI	K3JRR
K4CMS	WA9YYY	EA1JO	G4DBN	K3PH
K4GHS	WN9O	EI8IU	HL3GOB	K4WW
K4GK	XE3ARV	EW1DO	JA1AUD	K6MI
K8YTO		G3XGC	JA1FGB	K6VKO
KZ5DX	113	HB9CEX	JA1NCZ	KB4MRX
LY4T	9A1A	HB9CRV	JE8TGI	KC2STA
N0IRM	DJ5DT	HB9G	JF2WGN	N2CG
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N5BO	DL8CM	IU8FRE	K5WAF	N3IQ
N8KOL	DL8DYL	IZ4DIW	K7ORK	N3JB
OH8LXT	G4AFJ	JA1SXR	K9AJ	N4KE
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RZ6MJ	JA0GCI	JA7BXS	KP4AA	NK7C
UA1ANA	JA4ITW	JR7TEQ	KZ0X	NY4I
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UA6XT	K0TPP	K1EDG	N4WJ	SM5BHW
UN6T	K8SL	K1EO	N7BD	SV1VS
W4UCK	KA4RRU	K1KO	N9HF	UA3O
W5VY	KH6DX	K4UAS	NA1DX	US7MM
YL2CZ	KI0G	K8CC	UR6QA	W0UY
	KT1J	KB2FCV	VE6KC	W3XY
114	N6PE	KI4DLS	VE7CT	W4DC
AB4GE	N7KO	KM1C	VE7UF	W4NE
BA4DW	N9ISN	LA8HGA	W0VHF	W5ZPA
BA7IO	NA3F	N5ZC	W1FO	W6KK
CT3FN	NG0G	N6MA	W4HOG	WL7E
CU3AK	NI5F	RU4SU	W4OX	XE1FAS
DL6NB	NK5B	SM3DMP	W5AQ	YU7AU
F6CWA	NZ3M	UA1ACG	W7VS	ZL3NW
G3SDL	ON5UE	UA1CEI	W8KA	
HP3TA	R7NA	UT6UD	W8MIL	109
I5OYY	RA4UN	VE7XF	W9RB	DF1KG
IK7YZG	RZ3AUL	W1HEO	WA2BOT	EA3GHZ
JA1OVD	SM5ARL	W2CVW	WA2MUA	EU4T
JA4KDT	SP3EPG	W2SKI	WB4TDH	F8EZE
JA5WIZ	SV1JFV	W3UL	WB9EEE	G3SVD
JH6WMJ	SV2AVP	W4VHF	YL3DQ	HI8R
K1RV	UN7TW	W5VX	YO6HOY	IW0HQE
K2DC	VE3KI	W6TC		JA2CXF
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K5CD	W9DX	WA8OLN	EA5BYP	K5KA
K5RJ	W9HBH	WT9U	F5BAR	K5KPE
KB8U	W9VNE	ZP6CW	G3LNS	K6MW
KZ4V	WA4DOU		G8AJM	KE1F
N1QY	WB2HJV	111	HC1BI	N1BZ
N3MN	WB2UFF	9K2OD	I2BBJ	N2WLG
N4IQ	WS4C	AA4U	IK5RUN	N7TY

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ND4V	W2UB	SP6AXW	OH2OT	N4NW
NN4RR	W3NRJ	US5CB	OK1AYU	N4PL
NU4I	W4ZYT	VE3OI	OK2BVG	N4SC
NX7U	W7ACD	VK3NX	S57AL	N4VN
PY5CC	WA2ALY	W3KB	UR3CRO	N6NU
RW4UU	WA8MOA	W4MAY	UT7UU	N7DR
RW9QA	WB8BZK	W6TDX	UU5WW	ND3L
RX3AGD	WC1M	W8IW	V73AZ	ON7PQ
TG9NX	WC6DX	W8VK	VQ9SS	OZ4AAL
UB5ZAL	WD9EQU	W9CPV	W1CWU	PF7M
UT7KF	WW1WW	WA0RVK	W2EQ	PJ2/K8ND
VU2CPL	ZS2DL	WB6CJT	W2LE	PY2DS
W5WP		WB8ART	W2NO	R6YY
WB5TUF	107	WS1L	W3ICM	RA6AF
WN0L	4Z5LA	XE2YWH	W4IR	RD4WM
YV3AGT	DJ8ES	YL1XZ	W5JAY	SP5JXK
	DK3FB	ZL3RJ	W5KI	UA6LCN
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AI2Q	DL2CHN	106	WA4MYO	UR2RGN
AL7R	DL5XU	AA4FL	WA6TLA	VE1PZ
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ER1LW	EA5AT	DJ6OZ	YU3EF	VY2ZM
G3VAO	EA7QW	DL2NOM		W1LE
HB9BAT	FG8OJ	DL3JSW	105	W1LY
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IK0PRG	G4RGK	EA3CCN	DF8AA	W4OWY
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IZ2EWR	IT9XTP	IK0ZIO	DJ6KH	WQ5W
JA2MOG	JA5EY	IW3GJF	DL4ZAB	YU1NR
JJ2PIK	JA6OXT	JA1VLK	DL6XK	
JK1MZT	JA8JTH	JA2MNB	DO1CTL	104
K1EP	JH9DRL	JE6IGP	ES1GO	9M2AX
K1XM	JR1BAS	JG3HBO	G3YUV	AD1C
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K4YJ	K4MS	JR0EQQ	JA6VA	DK3BK
K6UT	K4SAF	K0DEW	JA7BME	DL4FAP
K8OM	K8LBT	K1PX	JA8RRF	DL7UPN
KM8AM	K8ZR	K4DSE	JA9APM	E73D
KN4JX	KB9DAK	K5AM	JF1RYU	EA8ZS
LU2DKT	KE2R	K5ZQ	JF2VAX	EI9E
LZ3YY	KZ1W	K8JJC	JO4CFV	F6AJA
N4MEC	N2RR	KD9HL	K1DJ	F8GB
N6RFM	N3DAP	KK8X	K2XF	G3BRD
N9SF	N4RF	KK9H	K5AV	HB9CIP
N9TF	N6EE	KQ3F	K6DJ	HK3O
NU4Y	N8AGU	N0JZ	K7OX	IK0DWN
PA0ZH	NA5Q	N2CW	K7PO	JA1SDV
R5FY	OE1CP	N2SQW	K9RO	JA2FGL
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S57J	R0FA	NA5Z	KX2A	JK1BSM
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KA2BZS	EU6MM	W4AVY	S59DJK	JH7BKN
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KI0KB	G3BDQ	W5THT	SP5MXZ	K0LW
KW0A	G3OIL	W5VU	T77V	K1YR
LZ2XF	G4AAW	W6SZN	UA1AIR	K2BX
N3ER	G4PUQ	YO7APA	UA1CKC	K2TER
N3TR	G4VGO		UA6HOF	K3SEW
N4GU	I0OSI	102	UA9MR	K4NNX
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N6PF	JA2GQO	CT4BD	UW7CN	K6AAW
N6WM	JA2OLJ	DK3QM	VE2FYR	K6XJ
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N9DR	JA8EJO	DL3NCR	W1AW	K7IA
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UY0MM	N1HOQ	K1PTF	AA3LX	N9JCS
VE3VHB	N9BBQ	K2LP	AA4NU	NE1F
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WA9ETW	RU3OW	KW4BY	EA1WX	RA3AH
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YO5ODE	SM6EHY	LA3ANA	G3ZFC	RA4SD
	SM7BHH	LA6UL	G4FJK	RB7GG
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SM2DMU	GM3ZSP	N8OQ	W8FN
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SP7JLH	IK0HFO	NA6O	WB4SON
SV1PL	IK4MSV	NB3R	WU2M
UA0FDX	IS0/YO3RA	NG7A	YB1TJ
UG6GAW	IT9CVO	NJ3I	YL2SM
UR7CQ	IW0BYL	NN4SS	YO9FLD
UT1CC	JA1BRK	OE5JDL	ZP9MCE
UT4IS	JA1CPU	OK1DXD	
UT7HA	JA1ILA	OK2PAZ	
VE2OJ	JA4FSH	ON4ANN	
VE3XB	JA5DQH	ON7EH	
VK2GR	JA9CGW	ON7GB	
W1FC	JF3DRI	ON9CC	
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W4PM	K1NZ	R9JX	
W5RF	K2CBI	RA3SD	
W7AV	K2CYE	RA4LW	
W7CB	K3TZV	RA6XB	
W8GB	K4FT	RC2A	
W9MAF	K4KSY	RN1A	
W9ZCL	K4QS	RT5A	
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WB3HLH	K7VIC	S53MJ	
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WV9L	K8LE	SV2DSJ	
YO2OXD	K9NZ	TI5CDA	
YO6BHN	KA9UVY	UA3AKI	
YV4DYJ	KB0EL	UA4PAY	
	KC0V	UA6CEY	
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9M6YBG	KC5LT	UR4CW	
A41ZZ	KD8BZY	UR4LRG	
AA4AK	KP4N	UR8IDX	
AB4VV	KQ5M	VE1RGB	
AC4VM	LA8W	VE3OAT	
AI2S	LU5OM	VE7JKZ	
DJ6OI	LU5YF	VP2VA	
DK8MM	MM0SJH	VR2PX	
DL1TPY	N0AH	W0GYH	
DL1TRK	N0ATQ	W0MU	
DL9GTB	N1KI	W1AN	
DU7ET	N1MD	W1YRC	
EA2AAZ	N2SG	W2CCC	
EA3ALD	N2XQM	W3BBO	
EA8AXT	N3AF	W4HHN	
EC5A	N4CRI	W4OEP	
EI3ISB	N4ZR	W4OV	
ES5NC	N7DED	W5BK	
FM5GU	N7TK	W7DT	
G0VXE	N8IL	W7JET	
G4CGG	N8NB	W8CNL	