

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 03 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	W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA N1DG PE5T S50U W1JR	309 I4EWH	302 DL4MCF SV8JE
340 K1ZM		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IK4MGP IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
339 W4DR W4ZV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	299 K4TEA N1BUG SV1FJA UX1UA W7UT
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		
332 UR0MC	319 N0XA SM4CAN UT5UGR			
331 K5UR LZ2DF UT7QF	318 4X4DK W9ZR		304 DJ0MDR GM0GAV SM3GSK	
330 AA1K HA0DU OH1XX R4GM		310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
329 K3UL UA4HBW	317 W3LPL			
328 UA4CC	316 K5RK OH3SR			

297 DK5PR N4CC OM2XW RA3DX W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	N9IW OH3BU OK1AWZ VE2TZZ	W1ZC
296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
295 K3UA			274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W8TE W8XD
293 JH4UYB S58T	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR W1GL YO5BRZ
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	284 K5XI SP3DV UX1AA	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
290 UA3AKO UT1UY	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY
			269 K6ND KD5M SP9JZU	261 9A4T DL9YX K2EK K5KC

N6SS NO8D SP1S	253 5B4AGN AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN WA7NS
260 EA5BM K1LT K4DY UT9FJ	252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV JA7QVI K2FF N9US RL9F RY7G W9XY	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA K1AR K4UTE KF0QR PY1BVY S51DI
259 DF4PL F6GCP G3ZSS I1FQH R9FM	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
258 KW9A N2NL RN3CT VE3QAA	250 HB9RG NQ1K OZ8BZ	243 DK2JX DK3DG IK0MHR ON4ATW S57A SV8CKM W9RPM WX4G	237 AC4G DL7MAE IW1ARB NI0G OM4EX	232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
257 K1GUN K9NW N4II N8TR W9YSX	249 AB3CV AI9L K9RX SP5DRH	242 EA4KD KG7H	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK WA7NB	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
256 9A5CY JA5BZL JH1GZE K5VRX K8FL SV8GFW W1TSP W3DF	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH		230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN YO9HP			
254 I1EIS N0AT OM3DX WA4FFW				

W4VQ	SP8NR	219	214	209
229	VA5DX	IK3VUU	DL7BA	DL5CF
CT1FJK	W7KW	JA2FBY	HL3IUA	DL9MRF
DJ4AX	224	JA2FJP	IZ8VYU	EU1KY
JA8FKO	MM0EAX	KV7K	JA2JW	HB9CXZ
J11BEX	N0AV	LA7GIA	K4NA	HB9DDZ
OE5NNN	N8BM*	LB8DC	LA4GHA	JA0UUA
RO7T	SP5INQ	OE8RT	LA7JO	KG9N
228	SP7GAQ	RA3WDK	OK1DX	N9LB
AF9H	VK6VZ	SP4K	RN7G	VE1DX
AI0O	W2RQ	UT7UV	W4NL	VE3LYC
E72A	223	WA2UUK	213	W0ZR
K4HB	AB0X	218	DF2IS	W7KNT
N2WK	DJ8NK	AD5A	EI3IO	W9OO
OH2BEN	HA7TM	DJ4PI	HA1RW	208
VE3DZ	JH2TPI	DK0PM	JA2IVK	G3NSM
WB6RSE	JH2TPI	IK1YDB	JF6DSZ	I4LCK
227	RT6T	JA6LCJ	K1ST	JA9FPI
DL7HU	SV2JAO	JA8CDT	NA2M*	JF4VZT
ES1RA	UR5FEO	K0EU	RU4SO	K2FU
I3BUI	ZS4TX	K5UO	W0LYI	K5RT
IK0HBN	222	UT4MF	W1FJ	LA7HJA
IK6FWJ	IV3JVJ	W5PJR	W2WG	N5ORT
JA1UQP	K3SV	217	W3YY	RU3ZX
JA2NDQ	K6EID	DM5EE	WS9V	UN5J
JA9CHI	K8FH	JH1IFS	212	UY1HY
K1FK	K8ZTT	K5PC	AA9A	W6PJ
K3NW	N5AW	ON6YH	DL9GFB	W9EWZ
W9BF	N5JR	UA3AGW	K4MQG	207
226	N8PR	216	K8ZH	K1DT
DL5WW	N9BX	F6DAY	KE9I	K1LPS
JA6BZI	SM0CCM	JA9PPC	KG6I	K3JT
JF2KOZ	221	K5EJ	N1ZZ	K8EUR
JR6EZE	JA2WYN	N4PQX	N4MM	N9AU*
K9FD*	JJ3PRT	N5UL	NX0I	PY2BW
N6JV	K4MWB	OE1ZL	OZ1AXG	PY2XB
ON4GG	K8SIX	RZ0AF	SM5CZQ	W0LS
SP3CGK	N6VR	W0GJ	W1ECT	206
US0SY	W1ZK	W6XA	WB9CIF	IK0IOL
UT5JAJ	W6JRY	YO7LCB	211	JA3PIS
VE6WZ	WS6X	YU3AA	EA1RT	K2VV
W0VTT	220	YV1DIG	IK4DRR	K3LR
225	AG8B	215	JA4DEN	K5AQ
A45XR	DK2NG	IZ8FWN	K3WA	K5MC
JH7PFD	HB9LCW	JH0INP	RU3SD	K8AC
K1MM	HL5IVL	K3JGJ	WA5VGI	N8DJX
K5AB	JF3KON	N7JW	210	SM6BZV
K9FD/KH6*	JR4OZR	RA1QD	I8SAT	US0KW
N4CH	KA1R	W0UO	JA7MSQ	VE3BW
RA3QK	N1LN	W2LK	JJ2LPV	205
RV1CC	VE3EXY	W6YI	UW7LL	F6EXV
RW3XZ			W7JW	I4KDJ
			WP4U	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

G0OIL
IK0FVC
JA1GTF
JH2RMU
K1GE
K1GG
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W1NT
W3GG

199

DK2LO
G0BNR
HB9DDO
JA2DPC
K6GXO
KB8VAO
N4DW
W1TO
YO2DFA

198

DL1ROJ
G3UJE
G4BUE
I5KKW
IT9JNR
JA4PXC
RX3APM
W8HB

197

G3SNN
JE1BMJ
JH2UVL
K8NVR
OE4PWW
OE5FIN

ON4CD
RZ6FA
UA0SC
UT5EL
W0FS
XE2X

196

4Z4DX
AA4HP
IK4PLW
JA3RAR
K8PO
KP2A
ND0N
RA9CMO
RZ4FO
W2FCR
W4UM

195

EA3JL
EA5RM
G3ZEM
JA0EOK
JA1EOD
JH1QAX
JN7FAH
K3PA
K7SO
K9RT
KF8UN
N1SV
W5ZG
W9OP

194

JA1XEC
K4KDX
K9JF
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
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA1DUH
JA1MCU
K0BBC
K2TE
K9KU
KM1D
N4XU
N5GH
SP2LNW
VE7VV

189

9A2F
AA1ON
EA8PP
FM5CD
JA0VSH
SP7HOV
UA7T
WA3C

188

AB4IQ
CT1FMX
JA1KQX
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
SM0NJO
W1YM
W6SR
W8JV
WA6YEE

187

AJ1H
JA8DNV
K0SR
K6SRZ
KN5O
LA0FA
N2NS
OK1CZ
SP3FAR
W7AWA

186

9A8A
IK2QPR
K0BJ
K7LAY
YL2TW

185

AB6QM
CT1EAV
EA6BF
G3KWK
IK3SWB
JA2LCP
K5ZD
LA3WAA
N4TJ
N5UR
OE2BZL
SV1DPI
UA9CBO

184

HA5WA
JA2ZL
JF1NZW
K4HGX
K5KLA
KB4ET

S57AC	K8WK	K5GKC	W3JX	N4QQ
US8UA	N2PK	LA5LJA	W4FQT	N8BJQ
UT2UB	OK1MG	N7IR	WA9PIE	PA7F
W2YJ	S57UN	N7XR	WC4X	SP5GH
183	SM4DDE	PE1L	171	SV2AEL
IT9INO	SV3FUP	SP1MGM	AA9D	W4SVO
K4CN	W8KEN	TF3SG	DL6KR	W6VX
K8RRT	178	VE3FF	G0EHO	W8OI
K8VC	4Z5CX	W8HC	HA9PP	WA0MHJ
N9MB	EA3CJ	WX0V	JA6HUG	WA5YNB
NN2L	JA4MRL	174	JR1TNE	167
ON6SAS	K2UR	4Z5MU	K1NU	DK5AD
W2FP	NE0U	JA0GJJ	KI5BLU	EC3A
W8NW	SM7DLK	JA1PPW	N0RN	EI6FR
182	SV1JG	JA2XW	N4OGW	JA6VQA
DJ9ON	W6NWS	JA7MOL	N7RO	K6KO
DK3UA	W7MEM	JF7DZA	N9RC	K8NK
HK3W	ZS1LS	JK1OPL	RA3DNC	K9MBQ
JA1SHE	177	JR6PGB	SV1LK	N0IJ
JA3ENN	9H1SP	K1KI	170	N3BNA
N3OC	AE5E	K2KA	DJ6TK	OH2BLD
UR3EO	CT1GFK	K3AJ	JA6JPS	PA3C
181	IK4ADE	K4TR	JE3ENP	RA1AOB
DK3WW	JL1SAM	K4WS	JF1WPB	RN9N
JA2BDR	K3WC	N1EN	JM1GYQ	S51EC
JA9TWN	K4RG	OE1WHC	K6ZZ	W1YW
JN4MMO	K9NU	RN7F	N4PY	WA4LOX
K2EP	SM6DHU	UA3LNM	SP3GTS	WB0TEV
LZ2ZG	W2OR	W8UV	SV3KH	WC5N
VE3OSZ	W5LT	W8VVG	W9EVI	166
W9AJ	W7FI	WT8C	WA3AFS	4Z1UF
180	WB7B	173	169	DJ4SO
CT1FPQ	176	5B4ALJ	IK0PEA	HB9FMN
DM2DXA	EU1AB	I1JQJ	JA1ADT	IV3TDM
DM3VL	G0BLB	JG0CQK	JE2LPC	JA1FNA
EA8JF	I6FLD	K1NTR	JR1IZM	JA9LJS
JE2URF	JA0DET	K4XR	K1LI	K1KA
K6SSS	JA5IU	K9YC	N4XX	K3KY
K7BG	JA6BJV	KA1J	N7US	K4JLD
LA9AJA	JA8KSF	N5FG	UT8MM	K4PB
N1RR	K8MN	PY5EW	UY5AA	K4WA
N4AH	K5OK	UN9L	W6RW	K4ZYU
ON5FP	OK1DWC	W3IP	W7YAQ	RM3DA
W1RM	RL3FA	172	WB3JFS	W0DJC
W7BEM	SM5FUG	EA7TV	168	W1RR
W8TN	W4BP	G3NKC	G3MXJ	W8ILC
179	W4GD	IZ5MOQ	IK2EGL	WA8TXT
IT9ELD	YO7NE	JA3FGJ	JE7JDL	165
IW0SAF	175	JG3IWL	JF2UPM	DL7UCX
JA9NLE	JA1CHN	K0DEQ	K4XD	F6HDH
JR7BDQ	JH2QMT	K1BD	K5QY	I2ZGC
K0TT	JS3CTQ	K6FG	K8RYU	IK0AGU
	K4DLI	KJ0M	KR4F	JE7RJS
		VE6WQ		JH7CFX

K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	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 WP4G
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* 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 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 SV1CNS 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 K5TT	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI		149 DL7CX HB9HFN I0JBL IK4FNF JL1ARF K3TN K4YYL K8ME
161 DK2GZ DL6RAI HB9DHK				

K8ROX	IZ0RVI	N6PAT	K5WK	W4YV
R8TX	JE6TSP	NN4R	K6KLY	W7OM
SM6CUK	JJ3HGJ	W0IZ	KF8DX	
UW7UA	JK1AJX	W6QUV	N4XP	137
W0GG	K1OA	WB8CQV	OH6NIO	EA1YO
W7HPW	K3VAT	WB8ZRV	ON7DR	GM3YOR
WB8B	K4OY	WD9DZV	UN1L	HB9CQK
WD5K	K8BL		VE6SV	IZ2FOS
YO3DDZ	KF6HI	142	W0SEI	JA3APU
	KR0P	I5HOR	W4NU	JH4JNG
148	N1CGP	JA2ATE	W7IV	K2QMF
DK2CC	N4GG	JH0BQX	W8LWU	K8NS
F5CQ	N6PSE	JR7WFC	WO2T	RA3CO
F5LVL	NA5C	K3PP	YL2MU	RG7G
F5PAC	RT0F	K4WZ	YO9FNP	UU1JA
G4FTC	SM3DTR	K6EME		W1ITU
JH1QDB		KK1W	139	W5ODD
K5VWW	144	LA9VFA	DF7EE	WB5JID
LA6OP	CU3EQ	MM0SAJ	DJ4XA	
N2WB	DL5CW	N7QT	DL5EBE	136
N5XZ	DL5KUA	NA4D	DL8OH	E72U
NE3F	E70T	NQ7R	DS1JFY	ER0FEO
W5FKX	EI6IZ	NY2NY	JA1TMG	HB9IQB
W9JJB	GM3ITN	OK1DO	K3ANS	IK8CNT
	HB9BYQ	W2OO	K6AM	JH4HMG
147	I5MXX	W5LUA	K8GI	K0TV
EA3GP	IT9GSF	W5VQ	K8RF	K4ZO
IV3VBM	IV3DXW	WA5POK	KA8SYV	K7TM
JA1XQC	IZ4GWE		KU0A	KR6C
JN1BMX	JA3GN	141	LA8WG	NA5DX
K7HP	JE1FQV	AC9S	OK1MP*	OK1DW
K8UT	K0VSH	DL5MHQ	SM5CBM	SM5OJH
KM1H	KJ9C	EW1BA	SV8ZC	SP2BMX
N1IBM	LA9GX	HB9FMT	W0SD	UT3UZ
PC3T	N1IX	JA1PTJ	WA8WV	UW8SM
W1OP	N3KK	JA9RRH		W2OIB
W2KKZ	OH1JP	JH1HHC	138	WB7QXU
	SM4OLL	J11DCW	DK8MCT	
146	SM5CLE	JL1UXH	DK8YY	135
EU4A	W4GE	JR2LJO	EI9FBB	5B4MF
JA1HQG	W5ADD	K2RW	F6DDR	DJ9ZB
JA4DHN	W7ZI	N8OC	HB9RYZ	F6FXU
JA5XAE	W8RLS	NJ3K	IK8EPC	IK8GYS
JH1GNU	WC5M	OE6VIE	JA3OOK	IU0HDC
K1CA	WD5T	SV3FUO	JF3LOP	JA2KVD
K5KV	YO3CD	W2CG	JH7RXU	JA7LMZ
K5SM		W3BW	K1RO	JA8BNP
K6NR	143	W4JVN	K2RET	JA8JL
K7WP	DL1DUO	W4VIC	KJ6P	K1ZE
N7BT	DL6EN	W4WT	LB5WB	K4ZRJ
RU0SN	HS0ZEE	W8GNM	ON6AA	K7FL
W1IZL	IT9BLB	W8HW	OZ8X	K7XB
W1ZT	K7CMZ	ZS1C	RW4CY	NZ9R
	K7CW		UN7JID	R7LP
145	N2RJ	140	V51B	RN3RQ
AF4HX	N2WM	9A1CAL	W1GD	SM3LGO
HI3T	N5UW	JA4OK	W2YE	SM5CZK

SP3XR	IT9RDG	JA2FBC	OH1ZK	N8NA
SV5DKL	JA6CBG	JG1DUZ	OZ1IKY	OE3SGU
W1DIG	K6YUI	J14POR	R9SG	OK3CQD
W1EQ	K9ZM	K2MYR	S53X	PA5TT
W2GD	N6HY	K3NK	S55DX	VE3CX
W4BUW	OZ2RH	K6SIK	SM3GQP	VE7BV
W4MBD	SM4BZH	K7LFY	SV3DCX	W8LMG
W4RFZ	SM6BGG	K8BCK	US8UW	W8MK
W6JTI	SP6M	K9GL	VQ9LA	W8REW
WE4S	VE3CRG	KO8SCA	W2WC	W9ILY
	W4AXL	NA4EA	W4IS	WB0O
134	W4RBO	NO9E	W6RKC	WB2REM
CT3HF	W4WM	OZ2ABI	ZS6UT	WD4LBR
IK4DCS	W5SL	R3VA		YU1EXY
JA7LGE	W6DR	R5QA	127	
K1TO	W7AH	R9AB	CT3KN	125
K1ZN	W7CD	RU1AO	HK1MW	9A1AD
K3OX	W9FR	S51NM	JA1DDH	AG1A
KX4TT	WB3D	TA1CM	JA1WLO	GW3TMP
N9MR*	XE2S	VE3DO	JA8RJE	HK4SAN
N9RS		W2MPK	JA9KRO	IK5DNF
OE1TKW	131	W9ZT	JH3AIU	JA4IYL
PY5HOT	DK7YY		JS2LHI	JA6VU
RG6G	G3UHU	129	K0RW	JE1TSD
RX4HW	HS1NGR	HA1RB	K3TRM	JE6UWU
SM0BYD	IV3KFB	HB9AZZ	KM3T	JF2WXS
SP6JIU	JA0AOO	JA1NWD	N1AC	JH1AGU
UA0ACG	JA2TBS	JA8JO	N1GC	K1HAP
W4JKC	JH4ADK	K4TT	N9RD	K5KG
YU1AM	JJ1TEA	K6XM	OE8HIK	K8DV
	JM1FHL	LB7ZG	PA3EWP	KA6BIM
133	K1UU	N0YY	SK7AX	KI4WCQ
9K2NO	K5VIP	N2BJ	SP6A	LZ1XL
EU1U	K9DR	N3KS	SP7ASZ	N2KA
IZ8DFO	KC2LSD	N3RR	W0CP	N3EN
JA7GLB	KH2L	W0YVA	W0RT	N4JT
JA9AGN	KM3V	W7QHE	W1OPD	ND5S
JR6FC	KM4H	W8MET	W3BG	NW6S
JR7FRW	N3MK		W3FOX	OE1AZS
K2CDJ	N4QWZ	128	W3MF	RA0BA
KS4YT	N5PHT	AA4SC	XE1KK	UU7JM
KU2A	N6RK	DM2RM		VE3UTT
OE1KM	ON4ON	IK2SGB	126	W5DAW
ON4CAS	PY5EG	IT9ZZO	AC9EM	W9CG*
RA5BM	R0SR	JA2AHH	DJ8WD	WV4TN
RV4LC	R9MJ	JA2KSP	DL9FCY	YO2RR
UQ2PZ	R9SA	JA9AA	F8BPN	
VE3WT	W8DCH	JE1LFX	G4IUF	124
W0NFL	ZS1A	JH4GJR	IZ7EVZ	AA7XT
W2QO		K0FF	JA1XCZ	AB1OC
W5AJ	130	K3XA	JA7KY	J11DHY
	DF9ZW	K4JAF	JH3CUL	KD4POJ
132	E73M	K4SE	JJ1DWT	NA2U
AA4NC	EI2JD	K6LPO	JN1RQV	PA0TCA
AB9M	G7VJR	KG7CW	K2ZD	UA0BA
AD6W	HK0HEU	KM4NS	K4JKB	VA7CRZ
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W2JU	NN7X	K2HK	VE3YF	K6PJ
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W3FM	RD4A	K5JC	W8FIB	K8QM
W6CYX	UU4JMG	K6FW	WC2K	N4IR
WB8K	VE6AX	KA8ZPE	WP3R	N8AA
	VK4CAG	N4BAF	XE1RCS	N8XI
123	W2TB	N4LR		NY4G
AC4TO	WA3I	N4TB	118	OZ5HP
DL7JRD	WA7BNG	N4UFP	5T5PA	SM7BIC
F4GTB		N8PW	AB2E	SP8HKT
G4WFQ	121	OE3EVA	DL5OCE	UA6J
G5LP	AA6RR	OZ2A	JA4FHE	UB3A
HB0WR	AA8CH	PZ5RA	J18DGO	UR9IDX
IK2CHZ	DF1DB	RL3BZ	JN7DOS	US1CT
JA0CRG	DK1EI	SP7ITB	K3WGR	W4ZRZ
JA1SJV	DK6CQ	SV1IW	K4CNW	W6SL
JA3MHA	EI2GLB	UR5IKN	K5XM	W8ZR
JA6WJL	HB9DHG	US0YA	K7PI	WA2USA
J14WAO	IT9AAI	W0RX	K8LN	
JK1EXO	JA2HYD	W2YR	K8WVA	116
JR1EBE	KD8RQE	W3OA	K9GWH	AJ4F
K2PK	KG9Z	W4PRO	KD2T	DL7URH
K3XO	N0OK	W6RFL	KD6UO	EA5BRE
K4ZIN	N1JP	W7RN	KG8CW	HA7PF
K5GH	N3ND	ZL4AS	KV4AA	IK0EIE
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K9CS	N6HC	119	N2MM	IT9TQH
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N2ED	SV1FKZ	AA4DD	N6MB	JA1WTI
N4DWK	UQ1GWW	AE3T	PY2PA	JE2EHP
N6MZ	UT4EO	AJ4A	RN3TT	JH3GCN
N9JV	UU2JQ	DK3GG	SV9COL	K1DC
N9LQ	VA3AYA	DL9OBY	TA2RC	K1RI
NA2P	W0QQ	EW4M	W1KSZ	K9FN
NA9RB	W2GG	G4DJJ	W4DAO	KT1V
S50B	W3RJW	HB9AAQ	W4NJ	KV1J
UA3DK	W6XI	HB9BCI	W5JMW	NA9Q
UR9QQ	W9XX	I2TZK	W9FI	OZ1LCG
UT3QU	W9YE	I4MKN	WX3P	PA0JSE
W1AO	WA1PMA	IU0LFQ	YO4AUL	RV3ID
W4NF	WT4Q	JA3AZD		TZ4AM
W8NJR	WY1G	JA4XGC	117	UA4PCM
XE1H	XE1VIC	JE2JMV	9Y4VU	W1ENE
		JH6CDI	AE0P	W1WEF
122	120	K3FRK	BH4IGO	W7GG
BA4RF	9A5F	K5UZ	DL1DWT	W7OEV
G3NDC	AA5JF	K7EG	G3PLP	W8LRO
JA1MRM	AL7TC	K8KWT	IT9DAA	WQ5L
K1BZ	DL2VWR	K9SG	JA1HQT	
K1ESE	FG5FR	N0KV	JA4FM	115
K1YT	HB9BLQ	N9UA	JA5FDJ	C6AGU
K2MP	IZ0LKV	NT2A	JA7GYP	CU2CE
K7ZA	IZ5NFD	NY7T	JA7IC	DL9GOA
LA7WCA	JA4EPE	OH5NG	JM3GXU	G4XEE
LA8PT	JR3UIC	OK1DT	JR2UBS	G8BCG
N3NR	JR6LLN	R6FFB	K2BB	G8DX
N9AW	K2BA	SV1ACK	K3NF	HA5UK

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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
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K4GHS	WN9O	EI8IU	HL3GOB	K4WW
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RZ6MJ	HB9EFK	JA4BXL	KM1R	NC6K
UA1ANA	JA0GCI	JA7BXS	KP4AA	NK7C
UA1CGS	JA4ITW	JR7TEQ	KZ0X	NY4I
UA6XT	JH1ORA	K0JPL	LA0CX	RD9M
UN6T	K0TPP	K1EDG	N4WJ	SM5BHW
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YL2CZ	KH6DX	K4UAS	NA1DX	UA3O
	KI0G	K8CC	UR6QA	US7MM
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AB4GE	N6PE	KI4DLS	VE7CT	W3XY
BA4DW	N7KO	KM1C	VE7UF	W4DC
BA7IO	N9ISN	LA8HGA	W0VHF	W4NE
CT3FN	NA3F	N5ZC	W1FO	W5ZPA
CU3AK	NG0G	N6MA	W4HOG	W6KK
DL6NB	NI5F	RU4SU	W4OX	WL7E
F6CWA	NK5B	SM3DMP	W5AQ	XE1FAS
G3SDL	NZ3M	UA1ACG	W7VS	YU7AU
HP3TA	ON5UE	UA1CEI	W8KA	ZL3NW
I5OYY	R7NA	UT6UD	W8MIL	
IK7YZG	RA4UN	VE7XF	W9RB	109
JA1OVD	RZ3AUL	W1HEO	WA2BOT	DF1KG
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JA5WIZ	SP3EPG	W2SKI	WB4TDH	EU4T
JH6WMJ	SV1JFV	W3UL	WB9EEE	F8EZE
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K2DC	UN7TW	W5VX	YO6HOY	HI8R
K2HAT	VE3KI	W6TC		JA2CXF
K3MD	W2GW	W8GEX	110	K2ONP
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K5CD	W8FAX	W9SE	DL1VDL	K5FZ
K5RJ	W9DX	WA8OLN	EA5BYP	K5KA
KB8U	W9HBH	WT9U	F5BAR	K5KPE
KZ4V	W9VNE	ZP6CW	G3LNS	K6MW
N1QY	WA4DOU		G8AJM	KE1F
N2JJ	WB2HJV	111	HC1BI	KZ5DX
N3MN	WB2UFF	9K2OD	I2BBJ	N1BZ

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N7TY	UX7UN	SP3BQD	OE5CSP	N4JI
N8NN	UZ6LWZ	SP6AXW	OH2OT	N4NW
ND4V	W2UB	US5CB	OK1AYU	N4PL
NN4RR	W3NRJ	VE3OI	OK2BVG	N4SC
NU4I	W4ZYT	VK3NX	S57AL	N4VN
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PY5CC	WA2ALY	W4MAY	UT7UU	N7DR
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RX3AGD	WC1M	W8VK	VQ9SS	OZ4AAL
TG9NX	WC6DX	W9CPV	W1CWU	PF7M
UB5ZAL	WD9EQU	WA0RVK	W2EQ	PJ2/K8ND
UT7KF	WW1WW	WB6CJT	W2LE	PY2DS
VU2CPL		WB8ART	W2NO	R6YY
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	DL1QQ		W8OP	UR1RWX
108	DL2CHN	106	WA4MYO	UR2RGN
AI2Q	DL5XU	AA4FL	WA6TLA	VE1PZ
AL7R	DO4DXA	AE2U	YL2GN	VR2MY
DL6CNG	EA5AT	DJ6OZ	YU3EF	VY2ZM
ER1LW	EA7QW	DL2NOM		W1LE
G3VAO	FG8OJ	DL3JSW	105	W1LY
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HB9FAN	G4RGK	EA3CCN	DF8AA	W4OWY
IK0PRG	I5IHE	HA8DZ	DJ3XD	W6FF
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IZ2EWR	JA5EY	IW3GJF	DL4ZAB	YU1NR
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JJ2PIK	JA8JTH	JA2MNB	DO1CTL	104
JK1MZT	JH9DRL	JE6IGP	ES1GO	9M2AX
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K2MK	K3YBN	JJ0NCC	JA4EVN	CX3CE
K4WY	K4MS	JR0EQQ	JA6VA	DK3BK
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K6UT	K8LBT	K1PX	JA8RRF	DL7UPN
K8OM	K8ZR	K4DSE	JA9APM	E73D
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KN4JX	KE2R	K5ZQ	JF2VAX	EI9E
LU2DKT	KZ1W	K8JJC	JO4CFV	F6AJA
LZ3YY	N2RR	KD9HL	K1DJ	F8GB
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N6RFM	N4RF	KK9H	K5AV	HB9CIP
N9SF	N6EE	KQ3F	K6DJ	HK3O
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PA0ZH	OE1CP	N2SQW	K9RO	JA2FGL
R5FY	OK2BUZ	N3XM	KI5T	JF1EGO
R7LA	OK3CQR	N8AID	KT2E	JF6WTY
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S57J	RN4AA	NI5M	LZ1JZ	JO1W XO

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K9EA	DS3HWS	W1CTN	S59DJK	JH7BKN
KA2BZS	EA7SG	W4AVY	SM6WET	JI3KDH
KH6KG/W5	EU6MM	W4MZ	SP5MXZ	K0LW
KI0KB	EW3LB	W5THT	T77V	K1YR
KW0A	G3BDQ	W5VU	UA1AIR	K2BX
LZ2XF	G4AAW	W6SZN	UA1CKC	K2TER
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N3TR	G4VGO		UA9MR	K4NNX
N4GU	I0OSI	102	UA9UCO	K5DNL
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N6PF	JA2GQO	CT4BD	VE2FYR	K6XJ
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RZ6LB	K8CCV	FM5WD	WD8DSB	KQ1F
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UY0MM	N1HOQ	K2LP	AA4NU	NE1F
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W6PH	RA0FA	KJ6NZ	DL5JS	ON4LG
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WA0I	RK3QY	KW4BY	EA1WX	RA3AH
WA9ETW	RU3OW	KY6R	EU1TT	RA4P
YC0LOW	SM3CBR	LA3ANA	G3ZFC	RA4SD
YO5ODE	SM6EHY	LA6UL	G4FJK	RB7GG
	SM7BHH	N5RZ	GM3WTA	RK9F
	UA3PFN	OH2EA	HB9NL	RY6M

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SM7NDX	GM3ZSP	N8NB	W8CNL
SP7JLH	I2VGW	N8OQ	W8FN
SV1PL	IK0HFO	N9ADG	W8GDQ
UA0FDX	IK4MSV	NA6O	WB4SON
UG6GAW	IS0/YO3RA	NB3R	WU2M
UR7CQ	IT9CVO	NG7A	YB1TJ
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UT4IS	IW0HQE	NN4SS	YO9FLD
UT7HA	JA1BRK	OE5JDL	ZP9MCE
VE2OJ	JA1CPU	OK1DXD	ZS2DL
VE3XB	JA1ILA	OK2PAZ	
VK2GR	JA4FSH	ON4ANN	
W1FC	JA5DQH	ON7EH	
W1GF	JA9CGW	ON7GB	
W2SF	JF3DRI	ON9CC	
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W7AV	K1NZ	R9JX	
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W8GB	K2CYE	RA4LW	
W9MAF	K3TZV	RA6XB	
W9ZCL	K4FT	RC2A	
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WB3HLH	K4QS	RT5A	
WC4H	K4UQC	RU3GF	
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WR2G	K8BZ	S59SV	
WV9L	K8CR	SM0CXU	
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YO6BHN	K8LE	SV2DSJ	
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	KA9UVY	UA3AKI	
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9M6YBG	KC0V	UA6CEY	
A41ZZ	KC4D	UN6P	
AA4AK	KC5LT	UR4CW	
AB4VV	KD8BZY	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	VE1RGB	
DJ6OI	LA8W	VE3OAT	
DL1TPY	LU5OM	VE7JKZ	
DL1TRK	LU5YF	VP2VA	
DL9GTB	MM0SJH	VR2PX	
DU7ET	N0AH	W0GYH	
EA1CP	N0ATQ	W0MU	
EA2AAZ	N1KI	W1AN	
EA3ALD	N1MD	W1YRC	
EA8AXT	N2SG	W2CCC	
EC5A	N2XQM	W3BBO	
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ES5NC	N4CRI	W4OEP	
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G3OIL	N7TK	W7DT	