

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 30 Apr 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 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.

344 W8LRL	325 K9UWA UA2FF	315 IK4WMA K5RK N1DG OH3SR S50U W1JR	309 UT5UGR W5IZ	RU3DX YU1FW
341 EA8AK	324 K2TQC K4PI OH2BO S50A W1NG		308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM3YTS
340 K1ZM		314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR		301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK SV8JE
339 W4DR W4ZV	323 EY8MM SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OG2M OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR VA3EF
334 N4WW	321 WB9Z	312 OH1MA S54E	305 JA7NI K4ZW N4IS NN4T UA6A	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM SP2FAX	304 CT1EEB DJ0MDR SM3GSK	298 9A2AJ IK2DFZ OE6IMD OZ3PZ SM5CEU
332 UR0MC	319 N0XA SM4CAN			
331 K5UR LZ2DF	318 4X4DK W9ZR	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	303 F5LGE GM0GAV JA1BK JA4LKB K1UO	
330 AA1K HA0DU OH1XX UT7QF	317 W3LPL			
329 K3UL UA4HBW	316 W2VO			
328 R4GM UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	VE2TZT	268 DL5DSM G3WPH RA3XDX SP9JZU W1MK
296 DF2UU F5NTV G4PWA ON5NT RY9C W1JZ	288 PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP NJ6P S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 CT1APE DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT NR1R R3LA W8TE W8XD
294 DL1AMQ JH2FXK LA5HE RJ3AA WD5COV	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA4V AA6YQ AA7A K4XP RW0LT SV8BHN YO5BRZ
293 N0TB S58T	285 G4CCZ HB9BGV UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU CT1EKY DL1DUL DL2OE OH1LEU SP6CIK	264 IK2YCW K7ZV W1GL
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK SM5KNV	263 IZ1ANU K9OW LA5IIA N3NT W2SM W3AP
291 9A7V DF3GY IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR N9IW OK1AWZ	270 AA1V JA5AUC OE5KE	262 EI7BA G0DQS IK5HHA KR9U W1YY
290 UA3AKO			269 K6ND KD5M LA3MHA RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S SP5DIR

260 EA5BM K1LT K4DY KX4R	W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M W2TQC W5XZ	JA5MHD K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	R7DX VE3XN WA7NS
259 DF4PL F6GCP G3ZSS I1FQH R9FM	252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY	239 JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK	234 AJ6T IZ8FFA JA0FSB K1AR K4UTE KF0QR NV9L PY1BVY S51DI
258 KW9A N5KD RN3CT VE3QAA	251 DJ7RD DL9RT I1EIS JH0BBE K9NW N4II PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 DL8WN EA6ET IK0XEZ JA0DAI K1DG RA0FF VO1HP W3LL	233 K0CS K2UU KA7T SK3PY SV8CKM UA4HAU VA2WA W1TC W7AO
257 K1GUN N8TR W9YSX	250 HB9RG NQ1K OZ8BZ	243 DK2JX DK3DG IK0MHR ON4ATW S57A W9RPM WX4G	237 DL7MAE NI0G OM4EX UR5EDX	232 JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL PA7MM W1TSP W3DF	249 AB3CV AI9L JR3IIR SP5DRH	242 EA4KD KG7H	236 AB4I AC4G K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX K9RX N2NL SM3VAC SV8GFW T77C UT9FJ W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM EA6VQ JH4ADV K3SWZ K5EK N6DX OK1CF	230 DF6PB DJ5FI FK8CP JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ WA7NB
254 N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN	240 G8VR		
253 5B4AGN AA1QD K5ESW S58Q UA1OMS				

229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	SP8NR VA5DX W7KW	219 IK3VUU JA2FBY JA2FJP JF3KON LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	IZ8VYU JA2JW K4NA OK1DX RN7G W4NL	209 DL5CF DL9MRF EA1RT EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT
228 AF9H AI0O E72A EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ	224 DL5WW IZ1LBG N0AV N8BM SP5INQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA NA2M RU4SO W0LYI W1FJ W2WG W3YY	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX	217 DM5EE JH1IFS K5PC KV7K ON6YH UA3AGW	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I LA7JO N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF WS9V	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS
226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ K3SV K6EID K8ZTT N5AW N8PR N9BX SM0CCM SP7GAQ	216 JA6LCJ JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA RU3SD UR5FEO WA5VGI	206 IK0IOL JA3PIS K2VV K5AQ K5MC K8AC KG9N N8DJX PY2XB SM6BZV US0KW VE3BW
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK	221 JA2WYN K4MWB K8FH K8SIX MM0EAX N6VR W1ZK W6JRY WS6X	215 AD5A K3JGJ N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW KA9FOX LA7HJA
	220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR KA1R N1LN N5JR VE3EXY	214 DL7BA HL3IUA		

W8UN WB8ZRL	F4BKV JF1PUW JO7WXN K3HP N4QS W5TCX	UT5EL W0FS	RN1ON UA0CA W9MU WA2VYA	JA1KQX K0BBC KB0EO KB1EFS KE9ET N8LJ RM0F W6SR W8JV WA3C WA6YEE
204 DJ5AV IK7NXM JA9NFO K3LR K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U W18A	200 AG4W G0OIL JA1GTF JH2RMU K1GE K1GG K9US K9YY LA5YJ RW4NN RW7M UY0ZG W0DD W0MHK W1NT W2IRT W3GG	196 4Z4DX AA4HP IK4PLW IZ8FWN JA3RAR JA4PXC K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	192 9A2NA CT1IUA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB N5LZ OH2IS W3UA W3YQ W8LGJ	187 AJ1H K0SR K6SRZ KL0S KN5O N2NS OK1CZ SM0NJO W7AWA
203 JA2XYO JE1PNX K4XO K9MMS KK2I OH1TV PA0A R6AF W7DO W8GC	199 DK2LO G0BNR HB9DDO JA2DPC K6G XO N4DW W1TO YO2DFA	195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP	191 JA1ANR K0JGH K8FC K9LA RK2FWA SM7GIB	186 9A8A IK2QPR JA8DNV K0BJ K3PA K7LAY YL2TW
202 AA5AM DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR KB8VAO RX3APM W8HB	194 K4KDX K9JF KB9LIE KC9ARR LA7AFA W2LO W4FC W9OO WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH NE1B SP2LNW VE7VV WE9R XE2X	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB JA2LCP K5ZD LA3WAA N4TJ N5UR OE2BZL SP3FAR SV1DPI UA9CBO
201 CU2DX DL1EJA	197 G3SNN I5KKW IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC	193 DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW JA0EOK JA1XEC K4ODL N9EN PA0LOU	189 9A2F EA8PP FM5CD JA0VSH SP7HOV UA7T	184 HA5WA I2AOX JA2ZL JF1NZW K4HGX K5KLA KB4ET S57AC

US8UA	OK1MG	N7XR	171	N8BJQ
W2YJ	S57UN	PE1L	AA9D	PA7F
183	SM4DDE	SP1MGM	DL6KR	SP5GH
CT1FMX	SV3FUP	TF3SG	G0EHO	W4SVO
CT3MD	W8KEN	VE3FF	HA9PP	W6VX
IT9INO	178	WX0V	JA6HUG	W8OI
K4CN	4Z5CX	174	JR1TNE	WA0MHJ
K8VC	EA3CJ	4Z5MU	K1NU	WA5YNB
N9MB	JA4MRL	JA0GJJ	LA5LJA	167
NN2L	K2UR	JA1PPW	N0RN	DK5AD
ON6SAS	LA0FA	JA2XW	N4OGW	JA6VQA
W2FP	NE0U	JA7MOL	N7RO	K4XD
W8NW	SM7DLK	JF7DZA	N9RC	K6KO
182	SV1JG	JK1OPL	RA3DNC	K8NK
DJ9ON	W6NWS	JR6PGB	SV1LK	K9MBQ
DK3UA	W7MEM	K0TT	UN9L	N0IJ
HK3W	ZS1LS	K1KI	170	N3BNA
JA1SHE	177	K2KA	DJ6TK	PA3C
K8RRT	9H1SP	K3AJ	JA6JPS	RA1AOB
UR3EO	AE5E	K4TR	JE3ENP	RN9N
W1YM	CT1GFK	K4WS	JF1WPB	S51EC
181	IK4ADE	OE1WHC	JM1GYQ	VE6WQ
DK3WW	K3WC	RN7F	K6ZZ	W1YW
JA3ENN	K9NU	UA3LNM	KI5BLU	WA4LOX
JN4MMO	SM6DHU	W8UV	N4PY	WC5N
K2EP	W2OR	W8VVG	SP3GTS	166
LZ2ZG	W5LT	WT8C	SV3KH	4Z1UF
N3OC	W7FI	173	W3IP	DJ4SO
VE3OSZ	WB7B	5B4ALJ	W9EVI	HB9FMN
W9AJ	176	I1JQJ	WA3AFS	IV3TDM
180	CT1FPQ	JA9TWN	169	JA1FNA
DM2DXA	EU1AB	K1NTR	IK0PEA	JA9LJS
DM3VL	I6FLD	K4XR	JA1ADT	K1KA
EA8JF	JA0DET	K9YC	JE2LPC	K3KY
JA2BDR	JA5IU	KA1J	JR1IZM	K4JLD
JE2URF	JA6BJV	N5FG	K1LI	K4PB
K6SSS	JA8KSF	PY5EW	N1EN	K4ZYU
K7BG	JL1SAM	W8HC	N4XX	OH2BLD
LA9AJA	K8MN	172	N7US	RM3DA
N1RR	N5OK	EA7TV	UT8MM	W0DJC
N4AH	OK1DWC	G0BLB	UY5AA	W1RR
ON5FP	RL3FA	G3NKC	W6RW	W8ILC
UT2UB	SM5FUG	IZ5MOQ	W7Yaq	WA8TXT
W1RM	W4BP	JA3FGJ	WA9PIE	WP4U
W7BEM	W4GD	JG0CQK	WB3JFS	165
W8TN	YO7NE	JG3IWL	168	DL7UCX
179	175	K0DEQ	G3MXJ	I2ZGC
IT9ELD	JA1CHN	K1BD	IK2EGL	IK0AGU
IW0SAF	JA9NLE	K6FG	JE7JDL	JE7RJS
JR7BDQ	JS3CTQ	KJ0M	JF2UPM	JH7CFX
K8WK	K4DLI	W3JX	K5QY	K5JZ
N2PK	K5GKC	W4FQT	K8RYU	KK4CB
	N7IR	WC4X	KR4F	N4HB
			N4QQ	N9FN

NY0V RC9F SM4CTT SP6EQZ W5BN	LB2TB N4GN OH6RA VK3HJ YU2TW	W2XL W3GQ W4QN 157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JE2DZC JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ YV2IF	HB9BUN JA8NFV JR3OEH K0KVR N7WS NX8Y W1NA W2XI W5DNT WB0TEV WS7L YS1RR 153 AA6AA AJ9C DL3ZA G3TJW HL2CFY JF1IRW JR9OPJ K7SP K8VFX KR2Q N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	HB9SLO IZ3ENH JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7RH WA1Z WA2BCK WP4G 150 EA1AF IV3RAV JA2NQG K0RS K5TR K7LV K8AJS KD0PO KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W6DAO W7CT 149 DL7CX HB9HFN IK4FNF JA1SVP JL1ARF K3RA K3TN K4YYL K8ME K8ROX K9MK R8TX SM6CUK UW7UA W0GG W7HPW WB8B
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG SV2AEL W4DKS W4NS	160 AD5Q DK1WB DL1DA EC3A EI6FR IK0FUX IW2FND IZ4DPV JA2EPW JE2OVG JF2XGF JR7MAZ K3MSB NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA OE5RLM UA3SAQ VA3LX W1YIF W4TV	EW2A HB0CC JT1CO KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	
163 9A2JK DJ9HX F6HDH JE2LUN K7NN K8TL UR4CWQ VE3CFK W7AL WW3S	159 HB9TKS JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA OE5RLM UA3SAQ VA3LX W1YIF W4TV	152 EW2A HB0CC JT1CO KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	
162 4O3A 9A4W F3AT JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	158 DJ4PT DL1FKA IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX	155 DL1RK DL4SZB JE3GRQ K2LS K4RG K4WA NE0DX NW7E SM6VR WE1P ZS6EZ		
161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY JH4CPC K1USA K5GO K8ND		154 3V8SF GM3PPE	151 AA7G CU2AP DK2OY EI9JF F3SG	

WD5K	K1OA	IT9BLB	W7IV	IZ2FOS
WS5W	K3VAT	JR7WFC	W8GNM	JA3APU
WW2DX	K4OY	K3PP	W8LWU	JA4OK
YO3DDZ	K8BL	K4WZ	WO2T	JH4JNG
148	KF6HI	KK1W	YL2MU	K2QMF
CT1FCX	N1CGP	LA9VFA	YO9FNP	K6EME
DK2CC	N4GG	MM0SAJ	139	K8NS
F5CQ	N5XZ	N7QT	DF7EE	LA9GX
F5LVL	NA5C	NA4D	DJ4XA	RA3CO
JH1QDB	RT0F	NQ7R	DL5EBE	RG7G
K5VWW	SM3DTR	NY2NY	DL8OH	UU1JA
LA6OP	144	OK1DO	JA1TMG	W1ITU
N2WB	CU3EQ	W2OO	JH0BQX	W5ODD
NE3F	DL5CW	W5ADD	J11DCW	WB5JID
W2/CT1GIF	DL5KUA	W5LUA	K3ANS	136
W5FKX	E70T	W5VQ	K6AM	E72U
W9JJB	EI6IZ	WA5POK	K8GI	ER0FEO
147	GM3ITN	WB8CQV	K8RF	HB9IQB
EA3GP	HB9BYQ	141	KA8SYV	IK8CNT
F5PAC	I5MXX	AC9S	KU0A	JH4HMG
IV3VBM	IT9GSF	DL5MHQ	LA8WG	K0TV
JA1XQC	IV3DXW	EW1BA	OK1MP*	K7TM
K7HP	IZ4GWE	HB9FMT	OK2QA	KR6C
K8UT	JA3GN	JA1PTJ	SM5CBM	N2ZN
KM1H	JE1FQV	JA2ATE	SV8ZC	OK1DW
N1IBM	K0VSH	JA9RRH	W0SD	SM5OJH
PC3T	N1IX	JH1HHC	WA8WV	SP2BMX
W1OP	N3KK	JL1UXH	138	UT3UZ
W2KKZ	SM4OLL	K2RW	DK8MCT	UW8SM
146	SM5CLE	N8OC	DK8YY	W2OIB
EU4A	W4GE	NJ3K	EI9FBB	WB7QXU
G4FTC	W7ZI	OE6VIE	F6DDR	135
JA1HQG	W8RLS	SV3FUO	IK8EPC	5B4MF
JA4DHN	WC5M	W2CG	JA3OOK	DJ9ZB
JA5XAE	WD5T	W3BW	JF3LOP	F6FXU
JH1GNU	YO3CD	W4JVN	JH7RXU	IK8GYS
K1CA	143	W4VIC	K1RO	IU0HDC
K5KV	DL1DUO	W4WT	K2RET	JA7LMZ
K5SM	DL6EN	W8HW	KJ6P	JA8BNP
K6NR	HS0ZEE	ZS1C	LB5WB	JA8JL
K7WP	K7CMZ	140	ON6AA	K1ZE
N7BT	K7CW	9A1CAL	OZ8X	K4ZRJ
RU0SN	KJ9C	DF2RG	RW4CY	K7FL
W1IZL	N2RJ	JR2LJO	UN7JID	K7XB
W1ZT	N2WM	K5WK	V51B	NZ9R
145	N5UW	K6KLY	W1GD	OH1JP
AF4HX	N6PAT	KF8DX	W2YE	R7LP
HI3T	NN4R	N4XP	W4YV	RN3RQ
IOJBL	W0IZ	N6PSE	W7OM	SM3LGO
JE6TSP	W6QUV	OH6NIO	137	SM5CZK
JJ3HGJ	WB8ZRV	ON7DR	DS1JFY	SP3XR
JK1AJX	WD9DZV	UN1L	EA1YO	W1DIG
JN1BMX	142	VE6SV	GM3YOR	W1EQ
	I5HOR	W0SEI	IZ0RVI	W2GD
		W4NU		W4BUW

W4MBD	N6HY	NO9E	ZS6UT	125
W4RFZ	ON4CAS	OZ2ABI		9A1AD
W6JTI	OZ2RH	R3VA	127	AG1A
WE4S	SM4BZH	R5QA	CT3KN	GW3TMP
134	SM6BGG	R9AB	HK1MW	HK4SAN
CT3HF	SP6M	RU1AO	JA1DDH	IK5DNF
IK4DCS	VE3CRG	SP6JIU	JA1WLO	JA4IYL
JA7LGE	W4AXL	TA1CM	JA8RJE	JA6VU
K1TO	W4RBO	VE3DO	JA9KRO	JE1TSD
K3OX	W4WM	W2MPK	JH3AIU	JE6UWU
KX4TT	W5SL	W9ZT	JS2LHI	JF2WXS
N9MR*	W6DR	129	K0RW	JH4ADK
N9RS	W7AH	HA1RB	K3TRM	JL1RUC
NA5DX	W7CD	HB9AZZ	KM3T	K1HAP
OE1TKW	W9FR	JA1NWD	KM4NS	K5KG
PY5HOT	WB3D	JA8JO	N1AC	K8DV
RG6G	XE2S	J14POR	N1GC	KA6BIM
RX4HW	131	K3NK	OE8HIK	KI4WCQ
SM0BYD	DK7YY	K4TT	S51NM	LZ1XL
UA0ACG	G3UHU	K6XM	SK7AX	N2KA
W4JKC	HS1NGR	N0YY	SP6A	N3EN
YU1AM	IV3KFB	N3KS	SP7ASZ	N4JT
133	JA0AOO	N3RR	W0CP	N9RD
9K2NO	JA2TBS	PY5EG	W0RT	ND5S
EU1U	JJ1TEA	W0YVA	W1OPD	NW6S
HB9CQK	JM1FHL	W7QHE	W3BG	OE1AZS
IZ8DFO	K1UU	W8MET	W3MF	OE3SGU
JA7GLB	K5VIP	128	126	RA0BA
JA9AGN	KC2LSD	AA4SC	DJ8WD	UU7JM
JR7FRW	KH2L	DM2RM	DL9FCY	VE3UTT
K1ZN	KM3V	IT9ZZO	F8BPN	W5DAW
K2CDJ	KM4H	JA2AHH	G4IUF	W8LMG
KS4YT	N3MK	JA2KSP	IZ7EVZ	W9CG*
KU2A	N4QWZ	JA9AA	JA1XCZ	YO2RR
OE1KM	N5PHT	JE1LFX	JA7KY	124
RA5BM	N6RK	JH4GJR	JH3CUL	AA7XT
RV4LC	ON4ON	K0FF	JJ1DWT	IK3VBB
SV5DKL	R0SR	K3XA	JN1RQV	J11DHY
UQ2PZ	R9MJ	K4JAF	K2ZD	K4ZO
VE3WT	R9SA	K4SE	K4JKB	KD4POJ
W0NFL	W8DCH	K6LPO	K4XU	NA2U
W2QO	130	KG7CW	LB7ZG	PA0TCA
W5AJ	DF9ZW	N5KM	N8NA	UA0BA
132	E73M	OH1ZK	OK3CQD	VA7CRZ
AA4NC	EI2JD	OZ1IKY	PA3EWP	VE1DUN
AB9M	G7VJR	R9SG	PA5TT	W2JU
AD6W	HK0HEU	S53X	VE3CX	W2RIJ
HB9RYZ	JA2FBC	S55DX	VE7BV	W3FM
IT9RDG	JG1DUZ	SM3GQP	W8MK	W6CYX
JA2KVD	K2MYR	SV3DCX	W8REW	123
JA6CBG	K6SIK	VQ9LA	W9ILY	AB1OC
JR6FC	K7LFY	W2WC	WB0O	AC4TO
K6YUI	K8BCK	W4IS	WB2REM	DL7JRD
K9ZM	K9GL	W6RKC	WD4LBR	F4GTB
	NA4EA	ZS1A	XE1KK	G4WFQ
			YU1EXY	

G5LP	121	RL3BZ	K4CNW	W8ZR
HB0WR	AA6RR	SP7ITB	K7PI	WA2USA
IK2CHZ	DF1DB	SV1IW	K8LN	WC2K
IK3XJP	DK1EI	UR5IKN	K8WVA	116
JA0CRG	DK6CQ	UR9QQ	K9DR	AJ4F
JA1SJV	HB9DHG	US0YA	KD2T	DL7URH
JA3MHA	IK2SGB	W2YR	KD6UO	EA5BRE
JA6WJL	JA2HYD	W3OA	KG8CW	HA7PF
JK1EXO	J14WAO	W4PRO	KV4AA	IK0EIE
JR1EBE	KD8RQE	W6RFL	LZ2HM	IK2OHG
K2PK	KG9Z	W7RN	N2MM	IT9TQH
K3XO	N0OK	ZL4AS	N4DJ	IV3HYD
K4ZIN	N1JP	119	PY2PA	JA1WTI
K5GH	N3ND	AA3AZ	RN3TT	K1DC
K7UT	N6HC	AE3T	SV9COL	K1RI
K9CS	SV1AHX	AJ4A	TA2RC	KT1V
KV4T	UQ1GWW	DK3GG	VK4CAG	KV1J
N2ED	UT4EO	EW4M	W1KSZ	PA0JSE
N4DWK	UU2JQ	G4DJJ	W4DAO	RV3ID
N6MZ	VA3AYA	HB9AAQ	W4NJ	TZ4AM
N9JV	W0QQ	HB9BCI	W5JMW	UA4PCM
N9LQ	W2GG	I2TZK	W9FI	W1ENE
NA2P	W3RJW	I4MKN	YO4AUL	W1WEF
NA9RB	W6XI	IU0LFQ	117	W7GG
S50B	W9XX	JA3AZD	9Y4VU	W7OEV
UA3DK	W9YE	JA4XGC	AE0P	W8LRO
UT3QU	WA1PMA	JE2JMV	BH4IGO	WP3R
W1AO	WY1G	JH6CDI	DL1DWT	WQ5L
W4NF	XE1VIC	K5UZ	IT9AAI	115
W8NJR	120	K7EG	IT9DAA	AA5JF
WB8K	9A5F	K8KWT	JA1HQT	C6AGU
WV4TN	AC9EM	K9SG	JA4FM	CU2CE
XE1H	AL7TC	N0KV	JA7GYP	DL9GOA
122	DL2VWR	N8PW	JA7IC	G4XEE
BA4RF	EI2GLB	N9UA	JM3GXU	G8BCG
G3NDC	FG5FR	NT2A	JR2UBS	G8DX
JA1MRM	HB9BLQ	NY7T	K1BZ	HA5UK
JH1AGU	IZ0LKV	OH5NG	K2BB	HK3PJ
K1ESE	IZ5NFD	OK1DT	K6PJ	IZ7JVR
K1YT	JR3UIC	R6FFB	K8OOK	JA2KNW
K2MP	JR6LLN	SV1ACK	K8QM	JA5FDJ
K7ZA	K2BA	W0RX	N2BJ	JG3LGD
KR0P	K2HK	W4HZ	N4IR	JH1RFM
LA7WCA	K3QIA	W8FIB	N6MB	K0GD
LA8PT	K5JC	WT4Q	N8AA	K0SD
N9AW	K6FW	XE1RCS	N8XI	K4CMS
NN7X	KA8ZPE	118	NY4G	K4GHS
OZ3Y	N3NR	5T5PA	SM7BIC	K4GK
RD4A	N4BAF	AA4DD	SP8HKT	K5XM
UU4JMG	N4LR	AB2E	UA6J	K8YTO
VE6AX	N4TB	DL5OCE	UB3A	KO8SCA
W2TB	N4TL	JA4FHE	UR9IDX	LY4T
WA3I	N4UFP	J18DGO	US1CT	N0IRM
WA7BNG	OE3EVA	K3FRK	VE3YF	N4OA
	OZ2A	K3WGR	W4ZRZ	N5BO
	PZ5RA		W6SL	

N8KOL	JA1OVD	IU8FRE	JE2EHP	K6VKO
PA3AXU	JA4ITW	IZ4DIW	JE8TGI	KB4MRX
RZ6MJ	JH1ORA	JA1SXR	JF2WGN	KC2STA
UA1ANA	JH3GCN	JA4BXL	K5WAF	LZ1PM
UA1CGS	K0TPP	JA7BXS	K7ORK	N2CG
UA6XT	K5CD	JR7TEQ	K9AJ	N3HBX
UN6T	K8SL	K0JPL	KM1R	N3IQ
W4UCK	K9FN	K1EDG	KZ0X	N3JB
YL2CZ	K9GWH	K1KO	LA0CX	N4KE
114	KA4RRU	K2HAT	N4WJ	NC6K
BA4DW	KH6DX	K4UAS	N7BD	NK7C
BA7IO	KI0G	K8CC	N9HF	NY4I
CT3FN	KT1J	KB2FCV	NA1DX	OZ1LCG
CU3AK	N7KO	KI4DLS	UR6QA	RD9M
DL6NB	N9ISN	KM1C	UT1UY	SM5BHW
F6CWA	NA3F	LA8HGA	VE6KC	SP9WZS
G3SDL	NG0G	N5ZC	VE7CT	SV1VS
HP3TA	NI5F	N6MA	VE7UF	UA3O
I5OYY	NK5B	N6PE	W0VHF	US7MM
IK7YZG	ON5UE	NA9Q	W1FO	W0UY
IW0HEX	R7NA	RU4SU	W3FOX	W3XY
JA4KDT	RA4UN	SM3DMP	W4HOG	W4DC
JA5WIZ	RZ3AUL	UA1ACG	W4OX	W4NE
JH6WMJ	SM5ARL	UA1CEI	W5AQ	W5ZPA
K1RV	SP3EPG	UT6UD	W7VS	W6KK
K2DC	SV1FKZ	VE7XF	W8KA	WL7E
K3MD	SV1JFV	W1HEO	W8MIL	XE1FAS
K3NF	SV2AVP	W2CVW	W9RB	YU7AU
K3OSX	UN7TW	W2SKI	WA2BOT	ZL3NW
K5RJ	VE3KI	W3MR	WA2MUA	109
KB8U	W2GW	W3UL	WB4TDH	DF1KG
KZ4V	W6BK	W4VHF	WB9EEE	EA3GHZ
N1QY	W8FAX	W5VX	YL3DQ	EU4T
N2JJ	W9DX	W6TC	YO6HOY	F8EZE
N3MN	W9VNE	W8GEX	110	G3SVD
N4IQ	WA4DOU	W8HMK	BA4MY	J68HZ
NU8Z	WB2HJV	W9SE	DG7RO	JA2CXF
UA3FT	WB2UFF	WA8OLN	DL1VDL	K2ONP
W0VX	WS4C	WT9U	EA5BYP	K4RDU
W4TUN	WX3P	ZP6CW	F5BAR	K5FZ
W5VY	XE1RBV	111	G3LNS	K5KA
WA1FCN	ZL1BYZ	AA4U	G8AJM	K5KPE
WA8MCD	112	AB4GE	HC1BI	K6MW
WA9YYY	A92IO	AF4OX	I2BBJ	KE1F
WN9O	DJ1RL	CU3AN	IK5RUN	KZ5DX
XE3ARV	DK5RL	DK2WH	IK8UHA	N1BZ
113	DL5CL	DK6ED	IZ0CKJ	N7TY
9A1A	EA1JO	DL1HRN	JA7EPO	N8NN
DJ5DT	EI8IU	EV1R	JE2UFF	ND4V
DJ9RR	EW1DO	F6ECI	JH1VHU	NN4RR
DL8CM	G3XGC	G3PLP	K1EO	NU4I
DL8DYL	HB9CEX	G4DBN	K2BLA	NX7U
EA5KA	HB9CRV	HL3GOB	K3JRR	PY5CC
G4AFJ	HB9EFK	JA1AUD	K3PH	RW4UU
JA0GCI	HB9G	JA1FGB	K4WW	RW9QA
	IK2ANI	JA1NCZ	K6MI	RX3AGD

TG9NX	WC1M	ZL3RJ	W2NO	SP5JXK
UB5ZAL	WC6DX		W3ICM	UA6LCN
UT7KF	WD9EQU	106	W4IR	UR1RWX
VU2CPL	WW1WW	AA4FL	W5JAY	UR2RGN
W5WP	107	AE2U	W8OP	VE1PZ
W9HBH	4Z5LA	DJ6OZ	WA4MYO	VR2MY
WB5TUF	DJ8ES	DL1QQ	WA6TLA	VY2ZM
WN0L	DK3FB	DL2NOM	YL2GN	W1LE
YV3AGT	DL2CHN	DL3JSW	YU3EF	W1LY
108	DL5XU	DL6JZ	105	W4OWY
AI2Q	DO4DXA	EA3CCN	DF2PI	W5KI
AL7R	EA5AT	HA8DZ	DF8AA	W6FF
DL6CNG	EA7QW	IK0ZIO	DJ3XD	WQ5W
ER1LW	FG8OJ	IW3GJF	DJ6KH	YU1NR
G3VAO	G4AKY	JA1VLK	DL4ZAB	104
HB9BAT	G4RGK	JA2MNB	DL6XK	9K2OD
HB9FAN	H18R	JE6IGP	DO1CTL	9M2AX
IK0PRG	I5IHE	JG3HBO	ES1GO	AD1C
IZ0BTV	IT9XTP	JG5RVQ	G3YUV	AG4Q
IZ2EWR	JA5EY	JH2KKW	HA8FW	AH0U
JA2MOG	JA8JTH	JH6PFY	JA1BWA	CP8HD
JA3NHL	JH9DRL	JJ0NCC	JA1TAA	CX3CE
JJ2PIK	K0MD	JR0EQQ	JA4EVN	DK3BK
JK1MZT	K3SW	K0DEW	JA6VA	DL4FAP
K1EP	K3YBN	K1PX	JA7BME	DL7UPN
K1XM	K8LBT	K4DSE	JA8RRF	E73D
K2CJ	K8ZR	K4SAF	JA9APM	EA8ZS
K2KQ	KE2R	K5AM	JF1RYU	EI9E
K2MK	KZ1W	K5ZQ	JO4CFV	F6AJA
K4WY	N2RR	K8JJC	JR1BAS	F8GB
K4YJ	N3DAP	KB9DAK	K1DJ	G3BRD
K6UT	N4RF	KK8X	K2XF	HB9CIP
K8OM	N6EE	KK9H	K4MS	HK3O
KM8AM	N8AGU	KP4AA	K5AV	IK0DWN
KN4JX	NA5Q	KQ3F	K7OX	JA1SDV
LU2DKT	OE1CP	N0JZ	K7PO	JA2FGL
N4MEC	OK2BUZ	N2CW	K9RO	JF1EGO
N6RFM	OK3CQR	N2SQW	KI5T	JF6WTY
N9TF	R0FA	N2WLG	KT2E	JK1BSM
NU4Y	RN4AA	N3XM	KX2A	JO1WXO
PA0ZH	RV6ARZ	N8AID	LZ1JZ	K0WK
R5FY	SP3BQD	NA5Z	N2DPF	K1BG
R7LA	SP6AXW	NI5M	N4JI	K3FM
RX6DX	US5CB	NS3L	N4NW	K4KEW
S57J	VE3OI	OE5CSP	N4PL	K4MF
SM6AOU	VK3NX	OH2OT	N4SC	K4VIG
UX7UN	W3KB	OK1AYU	N4VN	K5HK
UZ6LWZ	W6TDX	OK2BVG	N6NU	K6UM
W2UB	W8IW	S57AL	ON7PQ	K7TJR
W3NRJ	W8VK	UR3CRO	OZ4AAL	K9EA
W4ZYT	W9CPV	UT7UU	PF7M	KA2BZS
W7ACD	WB6CJT	UU5WW	PJ2/K8ND	KH6KG/W5
WA2ALY	WB8ART	V73AZ	PY2DS	KI0KB
WA4CEM	WS1L	VQ9SS	R6YY	KW0A
WA8MOA	XE2YWH	W1CWU	RA6AF	LZ2XF
WB8BZK	YL1XZ	W2EQ	RD4WM	N3ER
		W2LE		

N3TR	JA2OLJ	102	UA1CKC	K3SEW
N4GU	JA3FHL	A6/RV6LNA	UA6HOF	K4NNX
N4TTE	JA8EJO	CT4BD	UA9MR	K5DNL
N6PF	JH1DGQ	DK3QM	UA9UCO	K6AAW
N8MZ	JM2RUV	DL3DXX	UW7CN	K6XJ
N9DR	K0EOO	DL3NCR	VE2FYR	K7AR
ND3L	K2UVV	DL4CW	W0JMP	K7IA
NJ9C	K4LQ	DL4KUG	W1MRH	K8BN
NN3Q	K5JUC	DL5RDI	W1PV	K9JU
RA1QX	K7BTW	EA8AKN	W2LW	K9PG
RU3UR	K8CCV	EI4DQ	W2TX	KC4PX
RZ6DX	K9MUG	EI6GF	W3EKT	KD3UY
RZ6LB	K9XJ	ES5RW	W4ALF	KE1VT
SM5CCE	KE1IU	F6BWO	W5TO	KE4S
SM7CQY	KJ4R	FM5WD	W7IUV	KF7NN
SO5AS	KJ7WY	HB9AHL	WA0IDK	KN6J
UA9FGJ	KM9E	I8LWL	WA1S	KQ1F
US5CAO	LX1DA	IT9SFT	WD8DSB	KS4XQ
UT4EK	N0RU	IZ4MJP	WS4Y	LA2GV
UT7EC	N1HOQ	JA0HXV	WW5G	LA6UL
UX4UM	N9BBQ	JA1JAT	YO2IS	LZ1XZ
UY0MM	N9PGG	JA6OXT		N0STL
VE3VHB	N9SF	JA8OW	101	N2AJ
W0YBS	OH3GD	K0YN	AA2VG	N5AQ
W1QA	OH4UI	K1PTF	AA3LX	N6WM
W3DRY	OK1DQT	K2LP	AA4NU	N8AG
W3TMZ	OK2BQU	K2TK	AC2AC	N9JCS
W5CWQ	OK3BRK	K3KG	AC5O	NE1F
W5GJ	OZ7JZ	K4AQQ	CT1JGA	NX2X
W5ZO	PA0GMM	K4KAY	D44BC	OA4TT
W6PH	R9GM	K5ZO	DH2FW	OE3WQB
W7DR	RA0FA	K6DJ	DK9WI	OH3TY
WA0I	RA4HT	K7BHM	DL1KS	OK1PGF
WA0RVK	RK3QY	K7UA	DL3ANK	OK2BOB
WA9ETW	RU3OW	K8BHZ	DL5JS	OK3EY
YC0LOW	SM3CBR	KJ6NZ	DM3ML	OK4MM
YO5ODE	SM6EHY	KN4KL	EA1WX	ON4LG
	SM7BHH	KW4BY	EU1TT	OZ5HP
103	UA3PFN	KY6R	G3ZFC	PA4WM
AG1I	US2WU	LA3ANA	G4FJK	RA3AH
AI3Q	UT2AB	N5RZ	GM3WTA	RA4P
DJ1MM	VA2ZO	NZ3M	HB9NL	RA4SD
DJ3GZ	VA3IC	OH2EA	IV3GOW	RB7GG
DJ7PI	VE3EDY	OK1DTN	IV3KCB	RK9F
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DL8YRM	VE3VV	OK3CSQ	JA2VMU	SM2DMU
DM5TI	W0QC	PA7TWO	JA6TMU	SM7NDX
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I0OSI		T77V	K2BX	VE2OJ
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VK2GR	JF3DRI	OK2PAZ	ZS2DL
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W1FC	K0FLY	ON7EH	
W1GF	K0LB	ON7GB	
W2SF	K0XM	ON9CC	
W3WH	K1NA	OZ1ZD	
W4BUE	K1NZ	PA0INA	
W4PM	K1TZQ	PA7RA	
W7AV	K2CBI	R3PJN	
W7CB	K2CYE	R9JX	
W8GB	K3TZV	RA3SD	
W9MAF	K4FT	RA4LW	
W9ZCL	K4KSY	RA6XB	
WA3EKL	K4QS	RC2A	
WB3HLH	K4UQC	RN1A	
WC4H	K7VIC	RT5A	
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YO6BHN	K8LE	SV1VJ	
YV4DYJ	K9NZ	SV2DSJ	
	KB0EL	UA3AKI	
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9M6YBG	KC4D	UA6CEY	
A41ZZ	KC5LT	UN6P	
AA4AK	KD8BZY	UR4CW	
AB4VV	KD9HL	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	US8UW	
DJ6OI	LA8W	VE1RGB	
DL1TPY	LU5OM	VE3OAT	
DL1TRK	LU5YF	VE7JKZ	
DL9GTB	LZ3YY	VP2VA	
DU7ET	MM0SJH	VR2PX	
EA1CP	N0AH	W0GYH	
EA2AAZ	N0ATQ	W0MU	
EA3ALD	N1KI	W1AN	
EA8AXT	N1MD	W1YRC	
EC5A	N2SG	W2CCC	
ES5NC	N2XQM	W3BBO	
FM5GU	N3AF	W4HHN	
G0VXE	N4CRI	W4MAY	
G3OIL	N4ZR	W4OEP	
G4CGG	N7DED	W4OV	
GM3ZSP	N7TK	W5BK	
I2VGW	N8IL	W7DT	
IK0HFO	N8NB	W7JET	
IK4MSV	N8OQ	W8CNL	
IS0/YO3RA	N9ADG	W8FN	
IW0BYL	NA6O	W8GDQ	
IW0HQE	NB3R	WB4SON	
JA1BRK	NG7A	WU2M	
JA1CPU	NJ3I	YB1TJ	
JA1ILA	NN4SS	YL2SM	
JA4FSH	NU1T	YO2CMI	
JA5DQH	OE5JDL	YO9FLD	
JA9CGW	OK1DXD	ZP9MCE	