

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 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 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	304 DJ0MDR GM3GAV SM3GSK	
329 K3UL UA4HBW	318 4X4DK			
328 UA4CC	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ

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 UT7UW W8AV	279 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 UR5WA	278 DK0EE F6BEE JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL F6AOJ HB9AMO IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	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		270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	I1EIS N0AT OM3DX WA4FFW	NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	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	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		233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 JH1GZE K1GUN K9NW N4II N8TR W9YSX	250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ	243 DK2JX DK3DG JA0CRI ON4ATW S57A SV8CKM W9RPM WX4G	238 AC4G DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP W3LL	232 EA1N FK8CP JA8EAT JH1HGC K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF	249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H	237 DL7MAE IW1ARB NI0G OM4EX WA7NB	
255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA1SYY JA3EMU K5ZK KA9CFD N4XM N5TY*	236 AB4I K1JO K5EK K9NR K9ZO	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
254 AA1QD	247 K0IEA K6XT NN4X			230 DF6PB JA1CMD

KD0Q N8JV SM3NXS W4GF W4VQ	K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	JF3KON JR4OZR KA1R N1LN VE3EXY	W0UO W2LK W6YI	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 JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA 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 JA2IVK JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT 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 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 VE3BW
225 A45XR JH7PFD K1MM K5AB	220 AG8B DK2NG HB9LCW HL5IVL	215 IZ8FWN JH0INP N7JW RA1QD	210 I8SAT	

205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	N7KA OK1DOT R9TO RA3S UA9FAR ZL3IX	JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X	DL6ZXG EA3WD HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	FM5CD SM0NJO SP7HOV UA7T WA3C
204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR	192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG LA0FA N4DB OH2IS W3UA W3YQ W8LGJ	188 AB4IQ CT1FMX JA1KQX KB0EO KB1EFS KE9ET KL0S N8LJ RM0F W1YM W6SR W8JV WA6YEE
203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG	195 EA3JL EA5RM G3ZEM JA0EOK JA1EOD JH1QAX JN7FAH K3PA K7SO K9RT KF8UN N1SV W5ZG W9OP	191 CT3MD JA1ANR K0BBC K0JGH K8FC K9LA NE1B RK2FWA WE9R	187 AJ1H JA8DNV K0SR K6SRZ KN5O N2NS OK1CZ SP3FAR W7AWA
202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA	194 JA1XEC K4KDX K9JF KB9LIE LA7AFA SM7GIB W2LO W4FC WD8JJA WN6W	190 IZ8XQC JA0VSH JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV	186 IK2QPR JA2LCP K0BJ K7LAY YL2TW
	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB	193 CT1IUA DF2GH DK1FW DL5ZB		185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO
	197 G3SNN JE1BMJ		189 9A2F AA1ON EA8PP	184 HA5WA JA2ZL JF1NZW

K4HGX	179	175	K0DEQ	JE7JDL
K5KLA	IT9ELD	JA1CHN	K1BD	JF2UPM
KB4ET	IW0SAF	JH2QMT	K6FG	K4XD
N9RC	JA9NLE	JS3CTQ	KJ0M	K5QY
S57AC	JR7BDQ	K4DLI	VE6WQ	K8RYU
US8UA	K0TT	K5GKC	W3JX	KR4F
UT2UB	K8WK	LA5LJA	W4FQT	N4QQ
W2YJ	N2PK	N7IR	WA9PIE	N8BJQ
	OK1MG	N7XR	WC4X	PA7F
183	S57UN	PE1L		SP5GH
CT1FPQ	SM4DDE	SP1MGM	171	SP6EQZ
HK3W	SV3FUP	TF3SG	AA9D	SV2AEL
IT9INO	W8KEN	VE3FF	DL6KR	W4SVO
K4CN		W8HC	G0EHO	W6VX
K8RRT	178	WX0V	HA9PP	W8OI
K8VC	4Z5CX		JA6HUG	WA0MHJ
N9MB	EA3CJ	174	JR1TNE	WA5YNB
NN2L	JA4MRL	4Z5MU	K1NU	
ON6SAS	JL1SAM	JA0GJJ	KI5BLU	167
W2FP	K2UR	JA1PPW	N0RN	DK5AD
W8NW	NE0U	JA2XW	N4OGW	EC3A
	SM7DLK	JA7MOL	N7RO	EI6FR
182	SV1JG	JF7DZA	RA3DNC	K6KO
DJ9ON	W6NWS	JK1OPL	SV1LK	K8NK
DK3UA	W7MEM	JR6PGB		K9MBQ
JA1SHE	ZS1LS	K1KI	170	N0IJ
JA3ENN		K2KA	DJ6TK	N3BNA
N3OC	177	K3AJ	JA6JPS	OH2BLD
UR3EO	9H1SP	K4TR	JE3ENP	PA3C
	AE5E	K4WS	JF1WPB	RA1AOB
181	CT1GFK	N1EN	JM1GYQ	RN9N
DK3WW	K3WC	OE1WHC	K6ZZ	S51EC
JA2BDR	K4RG	RN7F	N4PY	W1YW
JA9TWN	K9NU	UA3LNM	SP3GTS	WA4LOX
JN4MMO	OK1DWC	W8UV	SV3KH	WB0TEV
K2EP	SM6DHU	W8VVG	W9EVI	WC5N
LZ2ZG	W2OR	WT8C	WA3AFS	
VE3OSZ	W5LT			166
W9AJ	W7FI	173	169	4Z1UF
	WB7B	5B4ALJ	IK0PEA	DJ4SO
180		I1JQJ	JA1ADT	HB9FMN
DM2DXA	176	JG0CQK	JE2LPC	IV3TDM
DM3VL	EU1AB	K1NTR	JR1IZM	JA1FNA
EA8JF	G0BLB	K4XR	K1LI	JA9LJS
IK4ADE	I6FLD	K9YC	N4XX	K1KA
JE2URF	JA0DET	KA1J	N7US	K3KY
K6SSS	JA5IU	N5FG	UT8MM	K4JLD
K7BG	JA6BJV	PY5EW	UY5AA	K4PB
LA9AJA	JA8KSF	UN9L	W6RW	K4WA
N1RR	K8MN	W3IP	W7Yaq	K4ZYU
N4AH	N5OK		WB3JFS	RM3DA
ON5FP	RL3FA	172		W0DJC
W1RM	SM5FUG	EA7TV	168	W1RR
W7BEM	W4BP	G3NKC	G3MXJ	W8ILC
W8TN	W4GD	IZ5MOQ	I2ZGC	WA8TXT
	YO7NE	JA3FGJ	IK2EGL	
		JG3IWL	JA6VQA	

165 DL7UCX F6HDH HB9TKS IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT W5BN	W8WEJ	DL1FKA G4GIR IT9DSZ JH1TWT J11FXS J11NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 DL1RK DL4SZB K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ	UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G WW3S	161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW		154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT YS1RR	151 AA7G DK2OY EI9JF F3SG HB9SLO JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW N2ZN N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK
163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	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 HB0CC JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	153 AJ9C CU2AP DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFX KD0PO LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K1OA K5TR K7LV K8AJS KU4XO LA6OP N3QE N9CO OE8SPW ON6AA SQ5EBM UA6YW W2/CT1GIF W6DAO WW2DX
162 4O3A 9A4W F3AT IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW	159 JA4FKX JA9APS JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V FM5BH IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS UA3SAQ VA3LX W1YIF W4TV	152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ	
	158 AA6AA CT1FCX DJ4PT			

149 DL7CX HB9HFN IOJBL IK4FNF JL1ARF K3TN K4YYL K5VWW K7HP K8ME K8ROX R8TX SM6CUK UW7UA W0GG W7HPW WB8B WD5K YO3DDZ	K7WP N7BT OH1JP RU0SN W1IZL W1ZT	143 DL1DUO DL6EN HB9RYZ IT9BLB K7CMZ K7CW N2RJ N2WM N5UW N6PAT NN4R W0IZ W6QUV WB8CQV WB8ZRV WD9DZV	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 IZ0RVI JE6TSP JH4HMG JH7RXU JJ3HGJ JK1AJX K3VAT K4OY K8BL KF6HI KR0P N1CGP N4GG N6PSE RT0F SM3DTR W5ADD	142 I5HOR JA2ATE JH0BQX JR7WFC K3PP K4WZ K6EME KK1W LA9VFA MM0SAJ N7QT NA4D NQ7R NY2NY OK1DO W2OO W5LUA W5VQ WA5POK	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 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 YO3CD	141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JA9RRH JH1HHC JH4JNG J11DCW JR2LJO K2RW N8OC NJ3K OE6VIE SV3FUO W2CG W3BW	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 K6NR			138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC JA3OOK JF3LOP K1RO	135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC IZ7EVZ JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4TT

K4ZRJ	RA5BM	R0SR	JA2AHH	126
K7FL	RV4LC	R9MJ	JA2KSP	AC9EM
K7XB	UQ2PZ	R9SA	JA5FDJ	DJ8WD
NZ9R	VE3WT	W8DCH	JA9AA	F8BPN
R7LP	W0NFL	ZS1A	JE1LFX	G4IUF
RN3RQ	W2QO	130	JH4GJR	JA7KY
SM3LGO	W5AJ	DF9ZW	K0FF	JH3CUL
SM5CZK	132	E73M	K3XA	JJ1DWT
SP3XR	AA4NC	EI2JD	K4JAF	JN1RQV
SV5DKL	AB9M	G7VJR	K4SE	K2ZD
W1DIG	AD6W	HK0HEU	K6LPO	K4JKB
W1EQ	IK3VBB	IK3XJP	KG7CW	K4XU
W2GD	IT9RDG	JA2FBC	KM4NS	N8NA
W4BUW	K6YUI	JG1DUZ	N5KM	OE3SGU
W4MBD	K9ZM	J14POR	OZ1IKY	OK3CQD
W4RFZ	N6HY	K2MYR	R9SG	PA5TT
W6DR	OZ2RH	K3NK	S53X	VE3CX
W6JTI	SM4BZH	K7LFY	S55DX	VE7BV
WE4S	SM6BGG	K8BCK	SM3GQP	W8REW
134	SP6M	K9GL	SV3DCX	W9ILY
CT3HF	VE3CRG	KO8SCA	US8UW	WB0O
HA1RB	W4AXL	NA4EA	VQ9LA	WB2REM
IK4DCS	W4RBO	NO9E	W2WC	WD4LBR
JA7LGE	W4WM	OZ2ABI	W4IS	YU1EXY
K1TO	W5SL	R3VA	W6RKC	125
K1ZN	W7AH	R5QA	W8KA	9A1AD
K3OX	W7CD	R9AB	ZS6UT	AG1A
KX4TT	W9FR	RU1AO	127	GW3TMP
N9MR*	WB3D	S51NM	CT3KN	HK4SAN
N9RS	XE2S	TA1CM	HK1MW	JA4IYL
OE1TKW	131	VE3DO	JA1DDH	JA6VU
OH1ZK	DK7YY	W2MPK	JA1WLO	JE1TSD
PY5HOT	DL9FCY	W9ZT	JA8RJE	JE6UWU
RG6G	G3UHU	129	JA9KRO	JF2WXS
RX4HW	HS1NGR	HB9AZZ	JH3AIU	JH1AGU
SM0BYD	IV3KFB	JA1NWD	JS2LHI	K1HAP
SP6JIU	JA0AOO	JA8JO	K0RW	K5KG
UA0ACG	JA2TBS	K6XM	K3TRM	K9GWH
W4JKC	JH4ADK	K8DV	N1AC	KA6BIM
YU1AM	JJ1TEA	LB7ZG	N1GC	KI4WCQ
133	JM1FHL	N0YY	N9RD	LZ1XL
9K2NO	K1UU	N2BJ	OE8HIK	N2KA
EU1U	K5VIP	N3KS	PA3EWP	N3EN
IK5DNF	K6SIK	N3RR	SK7AX	N4JT
IZ8DFO	K9DR	W0YVA	SP6A	ND5S
JA6CBG	KC2LSD	W7QHE	SP7ASZ	NW6S
JA7GLB	KH2L	W8MET	W0CP	OE1AZS
JA9AGN	KM3V	W8MK	W0RT	RA0BA
JR6FC	KM4H	128	W1OPD	UU7JM
JR7FRW	N3MK	AA4SC	W3BG	VE3UTT
K2CDJ	N4QWZ	DM2RM	W3FOX	W5DAW
KS4YT	N5PHT*	IK2SGB	W3MF	W9CG*
KU2A	N6RK	IT9ZZO	W8LMG	WV4TN
OE1KM	ON4ON	JA1XCZ	XE1KK	YO2RR
ON4CAS	PY5EG			

124	122	120	K3NF	IT9DAA
AA7XT	BA4RF	9A5F	K5UZ	JA1HQT
AB1OC	G3NDC	AA5JF	K7EG	JA4FM
J11DHY	IU0LFQ	AL7TC	K8KWT	JA7GYP
KD2T	JA1MRM	DL2VWR	K9SG	JA7IC
KD4POJ	K1BZ	FG5FR	N0KV	JM3GXU
NA2U	K1ESE	HB9BLQ	N9UA	JR2UBS
PA0TCA	K1YT	IZ0LKV	NT2A	K2BB
UA0BA	K2MP	IZ5NFD	NY7T	K6PJ
VA7CRZ	K7ZA	JA4EPE	OH5NG	K8OOK
VE1DUN	LA7WCA	JR3UIC	OK1DT	K8QM
W2JU	LA8PT	JR6LLN	R6FFB	K9FN
W2RIJ	N3NR	K2BA	SV1ACK	N2JJ
W3FM	N9AW	K2HK	VE3YF	N4IR
W6CYX	NN7X	K3QIA	W4HZ	N8AA
WB8K	OZ3Y	K6FW	W8FIB	N8XI
	RD4A	KA8ZPE	WC2K	NY4G
123	SP9WZS	N4BAF	XE1RCS	ON5UE
AC4TO	UU4JMG	N4LR		OZ5HP
DL7JRD	VE6AX	N4TB	118	SM7BIC
F4GTB	VK4CAG	N4UFP	5T5PA	SP8HKT
G4WFQ	W2TB	N8PW	AB2E	UA6J
G5LP	WA3I	OE3EVA	DL5OCE	UB3A
HB0WR	WA7BNG	OZ2A	JA4FHE	UR9IDX
IK2CHZ		PZ5RA	J18DGO	US1CT
JA0CRG	121	RL3BZ	JN7DOS	W4ZRZ
JA1SJV	AA6RR	SP7ITB	K3WGR	W6SL
JA3MHA	AA8CH	SV1IW	K4CNW	W8ZR
JA6WJL	DF1DB	UR5IKN	K5XM	WA2USA
J14WAO	DK1EI	US0YA	K7PI	
JK1EXO	DK6CQ	W0RX	K8LN	116
JR1EBE	EI2GLB	W2YR	K8WVA	AJ4F
K2PK	HB9DHG	W3OA	KD6UO	DL7URH
K3FRK	IT9AAI	W4PRO	KG8CW	EA5BRE
K3XO	JA2HYD	W6RFL	KV4AA	HA7PF
K4ZIN	KD8RQE	W7RN	LZ2HM	HB9EFK
K5GH	KG9Z	WP3R	N2MM	IK0EIE
K5JC	N0OK	ZL4AS	N4DJ	IK2OHG
K7UT	N1JP		N6MB	IT9TQH
K9CS	N3ND	119	PY2PA	IV3HYD
KV4T	N4TL	AA3AZ	RN3TT	JA1WTI
N2ED	N6HC	AA4DD	SV9COL	JE2EHP
N4DWK	SV1AHX	AE3T	TA2RC	JH3GCN
N6MZ	SV1FKZ	AJ4A	W1KSZ	K1DC
N9JV	UQ1GWW	DK3GG	W4DAO	K1RI
N9LQ	UT4EO	DL9OBY	W4NJ	KT1V
NA2P	UU2JQ	EW4M	W5JMW	KV1J
NA9RB	VA3AYA	G4DJJ	W9FI	NA9Q
S50B	W0QQ	HB9AAQ	WX3P	OH8LXT
UA3DK	W2GG	HB9BCI	YO4AUL	OZ1LCG
UR9QQ	W3RJW	I2TZK		PA0JSE
UT3QU	W6XI	I4MKN	117	RV3ID
W1AO	W9XX	IK0ZIO	9Y4VU	TZ4AM
W4NF	W9YE	JA3AZD	AE0P	UA4PCM
W8NJR	WA1PMA	JA4XGC	BH4IGO	W1ENE
WT4Q	WY1G	JE2JMV	DL1DWT	W1WEF
XE1H	XE1VIC	JH6CDI	G3PLP	W7GG

W7OEV	JH6WMJ	VE3KI	W6TC	110
W8LRO	K1RV	W2GW	W8GEX	BA4MY
WQ5L	K2DC	W6BK	W8HMK	DL1VDL
115	K2HAT	W8FAX	W9SE	EA5BYP
C6AGU	K3MD	W9DX	WA8OLN	F5BAR
CU2CE	K3OSX	W9VNE	WT9U	G3LNS
DL9GOA	K5CD	WA4DOU	ZP6CW	G8AJM
G4XEE	K5RJ	WB2HJV		HC1BI
G8BCG	KB8U	WB2UFF	111	HI8R
G8DX	KZ4V	WS4C	9K2OD	I2BBJ
HA5UK	N1QY	XE1RBV	AA4U	IK5RUN
HK3PJ	N3MN	ZL1BYZ	AF4OX	IK8UHA
IW0HEX	N4IQ		CU3AN	IZ0CKJ
IZ7JVR	NU8Z	112	DG7RO	J68HZ
JA2KNW	UA3FT	A92IO	DK2WH	JA7EPO
JA3NHL	W0VX	DJ1RL	DK6ED	JE2UFF
JA5WIZ	W3MR	DK5RL	DL1HRN	JH1VHU
JG3LGD	W4TUN	DL5CL	EV1R	K2BLA
JH1RFM	WA1FCN	EA1JO	F6ECI	K3JRR
K0GD	WA4CEM	EI8IU	G4DBN	K3PH
K0SD	WA8MCD	EW1DO	HL3GOB	K4WW
K4CMS	WA9YYY	G3XGC	JA1AUD	K6MI
K4GHS	WN9O	HB9CEX	JA1FGB	K6VKO
K4GK	XE3ARV	HB9CRV	JA1NCZ	KB4MRX
K8YTO	113	HB9G	JE8TGI	KC2STA
KZ5DX	9A1A	IK2ANI	K0FLY	N2CG
LY4T	DJ5DT	IU8FRE	K5WAF	N3HBX
N0IRM	DJ9RR	IZ4DIW	K7ORK	N3IQ
N4OA	DL8CM	JA1SXR	K9AJ	N3JB
N5BO	DL8DYL	JA4BXL	KM1R	N4KE
N8KOL	G4AFJ	JA7BXS	KP4AA	NC6K
PA3AXU	JA0GCI	JF2WGN	KZ0X	NK7C
RZ6MJ	JA4ITW	JR7TEQ	LA0CX	NY4I
UA1ANA	JH1ORA	K0JPL	N4WJ	RD9M
UA1CGS	K0TPP	K1EDG	N7BD	SM5BHW
UA6XT	K8SL	K1EO	N9HF	SV1VS
UN6T	KA4RRU	K1KO	NA1DX	UA3O
W4UCK	KH6DX	K4UAS	UR6QA	US7MM
W5VY	KI0G	K8CC	VE6KC	W0UY
W9HBH	KT1J	KB2FCV	VE7CT	W3XY
YL2CZ	N6PE	KI4DLS	VE7UF	W4DC
114	N7KO	KM1C	W0VHF	W4NE
AB4GE	N7KO	LA8HGA	W1FO	W5ZPA
BA4DW	N9ISN	N5ZC	W4HOG	W6KK
BA7IO	NA3F	N6MA	W4OX	WL7E
CT3FN	NG0G	RU4SU	W5AQ	XE1FAS
CU3AK	NI5F	SM3DMP	W7VS	YU7AU
DL6NB	NK5B	UA1ACG	W8MIL	ZL3NW
F6CWA	NZ3M	UA1CEI	W9RB	
G3SDL	R7NA	UT6UD	WA2BOT	109
HP3TA	RA4UN	VE7XF	WA2MUA	DF1KG
I5OYY	RZ3AUL	W1HEO	WB4TDH	EA3GHZ
IK7YZG	SM5ARL	W2CVW	WB9EEE	EU4T
JA1OVD	SP3EPG	W2SKI	YL3DQ	F8EZE
JA4KDT	SV1JFV	W3UL	YO6HOY	G3SVD
	SV2AVP	W4VHF		IW0HQE
	UN7TW	W5VX		JA2CXF

K2ONP	N6RFM	N4RF	KQ3F	K6DJ
K4RDU	N9SF	N6EE	N0JZ	K7OX
K5FZ	N9TF	N8AGU	N2CW	K7PO
K5KA	NU4Y	NA5Q	N2SQW	K9RO
K5KPE	PA0ZH	OE1CP	N3XM	KI5T
K6MW	R5FY	OK2BUZ	N8AID	KT2E
KE1F	R7LA	OK3CQR	NA5Z	KX2A
N1BZ	RX6DX	R0FA	NI5M	LZ1JZ
N2WLG	S57J	RN4AA	NS3L	N2DPF
N7TY	SM6AOU	RV6ARZ	OE5CSP	N4JI
N8NN	UX7UN	SP3BQD	OH2OT	N4NW
ND4V	UZ6LWZ	SP6AXW	OK1AYU	N4PL
NN4RR	W2UB	US5CB	OK2BVG	N4SC
NU4I	W3NRJ	VE3OI	S57AL	N4VN
NX7U	W4ZYT	VK3NX	UR3CRO	N6NU
PY5CC	W7ACD	W3KB	UT7UU	N7DR
RW4UU	WA2ALY	W4MAY	UU5WW	ND3L
RW9QA	WA8MOA	W6TDX	V73AZ	ON7PQ
RX3AGD	WB8BZK	W8IW	VQ9SS	OZ4AAL
TG9NX	WC1M	W8VK	W1CWU	PF7M
UB5ZAL	WC6DX	W9CPV	W2EQ	PJ2/K8ND
UT7KF	WD9EQU	WA0RVK	W2LE	PY2DS
VU2CPL	WW1WW	WB6CJT	W2NO	R6YY
W5WP	ZS2DL	WB8ART	W3ICM	RA6AF
WB5TUF		WS1L	W4IR	RD4WM
WN0L	107	XE2YWH	W5JAY	SP5JXK
YV3AGT	4Z5LA	YL1XZ	W5KI	UA6LCN
	DJ8ES	ZL3RJ	W8OP	UR1RWX
	DK3FB		WA4MYO	UR2RGN
108	DL1QQ	106	WA6TLA	VE1PZ
AI2Q	DL2CHN	AA4FL	YL2GN	VR2MY
AL7R	DL5XU	AE2U	YU3EF	VY2ZM
DL6CNG	DO4DXA	DJ6OZ		W1LE
ER1LW	EA5AT	DL2NOM	105	W1LY
G3VAO	EA7QW	DL3JSW	DF2PI	W1MRH
HB9BAT	FG8OJ	DL6JZ	DF8AA	W4OWY
HB9FAN	G4AKY	EA3CCN	DJ3XD	W6FF
IK0PRG	G4RGK	HA8DZ	DJ6KH	WQ5W
IZ0BTV	I5IHE	IW3GJF	DL4ZAB	YU1NR
IZ2EWR	IT9XTP	JA1VLK	DL6XK	
JA2MOG	JA5EY	JA2MNB	DO1CTL	104
JJ2PIK	JA6OXT	JE6IGP	ES1GO	9M2AX
JK1MZT	JA8JTH	JG3HBO	G3YUV	AD1C
K1EP	JH9DRL	JG5RVQ	HA8FW	AG4Q
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K2CJ	K0MD	JH6PFY	JA1TAA	CP8HD
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K2MK	K3SW	JR0EQQ	JA6VA	DK3BK
K4SAF	K3YBN	K0DEW	JA7BME	DL4FAP
K4WY	K4MS	K1PX	JA8RRF	DL7UPN
K4YJ	K8LBT	K4DSE	JA9APM	E73D
K6UT	K8ZR	K5AM	JF1RYU	EA8ZS
K8OM	KB9DAK	K5ZQ	JF2VAX	EI9E
KM8AM	KE2R	K8JJC	JO4CFV	F6AJA
KN4JX	KZ1W	KD9HL	K1DJ	F8GB
LU2DKT	N2RR	KK8X	K2XF	G3BRD
LZ3YY	N3DAP	KK9H	K5AV	HB9CIP

HK3O	W5GJ	R9GM	K7UA	DL1KS
IK0DWN	W5ZO	RA0FA	K8BHZ	DL3ANK
JA1JAT	W6PH	RA4HT	KJ6NZ	DL5JS
JA1SDV	W7DR	RK3QY	KN4KL	DM3ML
JA2FGL	WA0I	RU3OW	KW4BY	EA1WX
JF1EGO	WA9ETW	SM3CBR	KY6R	EU1TT
JF6WTY	YC0LOW	SM6EHY	LA3ANA	G3ZFC
JK1BSM	YO5ODE	SM7BHH	LA6UL	G4FJK
JO1WXO		UA3PFN	N5RZ	GM3WTA
K0WK	103	US2WU	OH2EA	HB9NL
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K3FM	AI3Q	VA2ZO	OK1JDX	IV3KCB
K4KEW	DJ1MM	VA3IC	OK3CSQ	JA1VVX
K4MF	DJ3GZ	VE3EDY	PA7TWO	JA2VMU
K4VIG	DJ7PI	VE3MFA	PV8ABC	JA6TMU
K5HK	DL2HX	VE3VV	PY2DO	JA7SFD
K6UM	DL8YRM	W0QC	R2AB	JF1RPZ
K7TJR	DM5TI	W0UVC	R3IS	JH3HGH
K9EA	DS3HWS	W1CTN	RU3UN	JH3PRR
KA2BZS	EA7SG	W4AVY	S59DJK	JH7BKN
KH6KG/W5	EU6MM	W4MZ	SM6WET	JI3KDH
KI0KB	EW3LB	W5THT	SP5MXZ	K0LW
KW0A	G3BDQ	W5VU	T77V	K1YR
LZ2XF	G3OIL	W6SZN	UA1AIR	K2BX
N3ER	G4AAW	YO7APA	UA1CKC	K2TER
N3TR	G4PUQ		UA6HOF	K3SEW
N4GU	G4VGO	102	UA9MR	K4NNX
N4TTE	I0OSI	A6/RV6LNA	UA9UCO	K5DNL
N6PF	JA2GQO	CT4BD	UW7CN	K6AAW
N6WM	JA2OLJ	DK3QM	VE2FYR	K6XJ
N8MZ	JA3FHL	DL3DXX	W0JMP	K7AR
N9DR	JA8EJO	DL3NCR	W1AW	K7IA
N9PGG	JE1SYN	DL4CW	W1PV	K8BN
NJ9C	JH1DGQ	DL4KUG	W2LW	K9JU
NN3Q	JM2RUV	DL5RDI	W2TX	K9PG
OH4UI	K0EOO	EA1CP	W3EKT	KC4PX
PA0GMM	K2UVV	EA8AKN	W4ALF	KD3UY
RA1QX	K4LQ	EI4DQ	W5TO	KE1VT
RU3UR	K5JUC	EI6GF	W7IUV	KE4S
RZ6DX	K7BTW	ES5RW	WA0IDK	KF7NN
RZ6LB	K8CCV	F6BWO	WA1S	KN6J
SM5CCE	K9MUG	FM5WD	WD8DSB	KQ1F
SM7CQY	K9XJ	HB9AHL	WS4Y	KS4XQ
SO5AS	KE1IU	I8LWL	WW5G	LA2GV
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UX4UM	N0RU	K0YN	AA2VG	N8AG
UY0MM	N1HOQ	K1PTF	AA3LX	N9JCS
VE3VHB	N9BBQ	K2LP	AA4NU	NE1F
W0YBS	NU1T	K2TK	AC2AC	NX2X
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W5BK	OK3BRK	K5ZO	DH2FW	OK1PGF
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RA3AH	EA3ALD	N1MD	W1YRC
RA4P	EA8AXT	N2SG	W2CCC
RA4SD	EC5A	N2XQM	W3BBO
RB7GG	EI3ISB	N3AF	W4HHN
RK9F	ES5NC	N4CRI	W4OEP
RY6M	FM5GU	N4ZR	W4OV
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SP7JLH	GM3ZSP	N8IL	W7JET
SV1PL	I2VGW	N8NB	W8CNL
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UG6GAW	IK4MSV	N9ADG	W8GDQ
UR5WIF	IK5ZUK	NA6O	WB4SON
UR7CQ	IS0/YO3RA	NB3R	WU2M
UT1CC	IT9CVO	NG7A	YB1TJ
UT4IS	IW0BYL	NJ3I	YL2SM
UT7HA	JA1BRK	NN4SS	YO9FLD
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VE3XB	JA1ILA	OK1DXD	
VK2GR	JA4FSH	OK2PAZ	
W1FC	JA5DQH	ON4ANN	
W1GF	JA9CGW	ON7EH	
W2SF	JE1PHH	ON7GB	
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W7CB	K1NZ	R9JX	
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W9ZCL	K3TZV	RA6XB	
WA3EKL	K4FT	RC2A	
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WC4H	K4QS	RT5A	
WK9U	K4UQC	RU3GF	
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WV9L	K8BZ	S59SV	
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YV4DYJ	K8LE	SV2DSJ	
	K9NZ	TI5CDA	
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9M6YBG	KB0EL	UA4PAY	
A41ZZ	KC0V	UA6CEY	
AA4AK	KC4D	UN6P	
AA4UC	KC5LT	UR4CW	
AB4VV	KD8BZY	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	VE1RGB	
DJ6OI	LA8W	VE3OAT	
DK8MM	LU5OM	VE7JKZ	
DL1TPY	LU5YF	VP2VA	