

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 07 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		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK
339 W4DR W4ZV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA VA3EF
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX	304 DJ0MDR GM3GAV SM3GSK	
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR W9ZR			
330 AA1K HA0DU OH1XX R4GM	318 4X4DK	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
329 K3UL UA4HBW	317 W3LPL			298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ
328 UA4CC	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			274 CT1EKY G3TXF JA8ISU KF2O W6UB	266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ
293 JH4UYB S58T	286 DJ2YA K3SX N3SL PA0WRS UA3AB UR5WA UT7UW W8AV	279 F6AOJ IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV N3NT
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	285 G4CCZ K5XI	278 DK0EE F6BEE JA3FYC K5DU RU3FM	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL HB9AMO IK5BAF K1ZZ OH3BU ON7TK	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY
	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M			

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	I1EIS N0AT OM3DX WA4FFW	NN4X 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 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 OK1CF RA0FF VO1HP	233 DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 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	236 AB4I K1JO K5EK K9NR K9ZO	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 N4XM N5TY*		230 DF6PB JA1CMD
254 AA1QD	247 K0IEA K6XT			

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 JA2IVK 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 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 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 VE3BW
225 A45XR JH7PFD K1MM K5AB	220 AG8B DK2NG HB9LCW HL5IVL	215 IZ8FWN JH0INP N7JW	210 I8SAT	

205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	N7KA OK1DOT R9TO RA3S UA9FAR ZL3IX	JE1BMJ JH2UVL K8NVR LA7AFA 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 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 K6G XO KB8VAO N4DW W1TO YO2DFA	194 JA1XEC K4KDX K9JF KB9LIE 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 JA0EOK		189 9A2F AA1ON EA8PP	184 HA5WA JA2ZL JF1NZW

K4HGX	179	175	K0DEQ	JE7JDL
K5KLA	IT9ELD	JA1CHN	K1BD	JF2UPM
KB4ET	IW0SAF	JG0CQK	K6FG	K4XD
N9RC	JA9NLE	JH2QMT	KJ0M	K5QY
S57AC	K0TT	JS3CTQ	VE6WQ	K8RYU
US8UA	K8WK	K4DLI	W3JX	KR4F
UT2UB	N2PK	K5GKC	W4FQT	N4QQ
W2YJ	OK1MG	LA5LJA	WA9PIE	N8BJQ
	S57UN	N7IR	WC4X	PA7F
183	SM4DDE	N7XR		SP5GH
CT1FPQ	SV3FUP	PE1L	171	SP6EQZ
HK3W	W8KEN	TF3SG	AA9D	SV2AEL
IT9INO		VE3FF	DL6KR	W4SVO
K4CN	178	W8HC	G0EHO	W6VX
K8RRT	4Z5CX	WX0V	HA9PP	W8OI
K8VC	EA3CJ		JA6HUG	WA0MHJ
N9MB	JA4MRL	174	JR1TNE	WA5YNB
NN2L	JL1SAM	4Z5MU	K1NU	
ON6SAS	K2UR	JA0GJJ	KI5BLU	167
W2FP	NE0U	JA1PPW	N0RN	DK5AD
W8NW	SM7DLK	JA2XW	N4OGW	EC3A
	SV1JG	JA7MOL	N7RO	EI6FR
182	W6NWS	JF7DZA	RA3DNC	K6KO
DJ9ON	W7MEM	JK1OPL	SV1LK	K8NK
DK3UA	ZS1LS	JR6PGB		K9MBQ
JA1SHE		K1KI	170	N0IJ
JA3ENN	177	K2KA	DJ6TK	N3BNA
JR7BDQ	9H1SP	K3AJ	JA6JPS	OH2BLD
N3OC	AE5E	K4TR	JE3ENP	PA3C
UR3EO	CT1GFK	K4WS	JF1WPB	RA1AOB
	K3WC	N1EN	JM1GYQ	RN9N
181	K4RG	OE1WHC	K6ZZ	S51EC
DK3WW	K9NU	RN7F	N4PY	W1YW
JA2BDR	OK1DWC	UA3LNM	SP3GTS	WA4LOX
JA9TWN	SM6DHU	W8UV	SV3KH	WB0TEV
JN4MMO	W2OR	W8VVG	W9EVI	WC5N
K2EP	W5LT	WT8C	WA3AFS	
LZ2ZG	W7FI			166
VE3OSZ	WB7B	173	169	4Z1UF
W9AJ		5B4ALJ	IK0PEA	DJ4SO
	176	I1JQJ	JA1ADT	HB9FMN
180	EU1AB	K1NTR	JE2LPC	IV3TDM
DM2DXA	G0BLB	K4XR	JR1IZM	JA1FNA
DM3VL	I6FLD	K9YC	K1LI	JA9LJS
EA8JF	JA0DET	KA1J	N4XX	K1KA
IK4ADE	JA5IU	N5FG	N7US	K3KY
JE2URF	JA6BJV	PY5EW	UT8MM	K4JLD
K6SSS	JA8KSF	RC9F	UY5AA	K4PB
K7BG	K8MN	UN9L	W6RW	K4WA
LA9AJA	N5OK	W3IP	W7Yaq	K4ZYU
N1RR	RL3FA		WB3JFS	RM3DA
N4AH	SM5FUG	172		W0DJC
ON5FP	SP1MGM	EA7TV	168	W1RR
W1RM	W4BP	G3NKC	G3MXJ	W8ILC
W7BEM	W4GD	IZ5MOQ	I2ZGC	WA8TXT
W8TN	YO7NE	JA3FGJ	IK2EGL	
		JG3IWL	JA6VQA	

165 DL7UCX F6HDH HB9TKS IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V SM4CTT W5BN	W8WEJ	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 IK0FUX JA1DOF K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW	157 AA4H AC6DD DL4MM DL6MRS EA5BY G3TQZ HB0CC 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	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 IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	156 AB9V FM5BH IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS UA3SAQ VA3LX W1YIF W4TV	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 JH4ALY JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW	159 JA4FKX JA9APS JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT			
	158 AA6AA CT1FCX DJ4PT DL1FKA			

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	W4VIC W4WT W8GNM W8HW ZS1C	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 OE6VIE 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 JI1DCW JR2LJO K2RW N8OC NJ3K SV3FUO W2CG W3BW W4JVN	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 K2RET	135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC IZ7EVZ JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4TT K4ZRJ

K7FL	RA5BM	R0SR	JA2KSP	126
K7XB	RV4LC	R9MJ	JA5FDJ	AC9EM
NZ9R	UQ2PZ	R9SA	JA9AA	DJ8WD
R3VA	VE3WT	W8DCH	JE1LFX	F8BPN
R7LP	W0NFL	ZS1A	JH4GJR	G4IUF
RN3RQ	W2QO	130	K0FF	JA7KY
SM3LGO	W5AJ	DF9ZW	K3XA	JH3CUL
SM5CZK	132	E73M	K4JAF	JJ1DWT
SP3XR	AA4NC	EI2JD	K4SE	K2ZD
SV5DKL	AB9M	G7VJR	K6LPO	K4JKB
W1DIG	AD6W	HK0HEU	KG7CW	K4XU
W1EQ	IK3VBB	IK3XJP	KM4NS	N8NA
W2GD	IT9RDG	JA2FBC	N5KM	OE3SGU
W4BUW	K6YUI	JG1DUZ	OZ1IKY	OK3CQD
W4MBD	K9ZM	JI4POR	R9SG	PA5TT
W4RFZ	N6HY	K2MYR	S53X	VE3CX
W6DR	OZ2RH	K3NK	S55DX	VE7BV
W6JTI	SM4BZH	K7LFY	SM3GQP	W8REW
WE4S	SM6BGG	K8BCK	SV3DCX	W9ILY
134	SP6M	K9GL	US8UW	WB0O
CT3HF	VE3CRG	KO8SCA	VQ9LA	WB2REM
HA1RB	W4AXL	NA4EA	W2WC	WD4LBR
IK4DCS	W4RBO	NO9E	W4IS	YU1EXY
JA7LGE	W4WM	OZ2ABI	W6RKC	125
K1TO	W5SL	R5QA	W8KA	9A1AD
K1ZN	W7AH	R9AB	ZS6UT	AG1A
K3OX	W7CD	RU1AO	127	GW3TMP
KX4TT	W9FR	S51NM	CT3KN	HK4SAN
N9MR*	WB3D	TA1CM	HK1MW	JA4IYL
N9RS	XE2S	VE3DO	JA1DDH	JA6VU
OE1TKW	131	W2MPK	JA1WLO	JE1TSD
OH1ZK	DK7YY	W9ZT	JA8RJE	JE6UWU
PY5HOT	DL9FCY	129	JA9KRO	JF2WXS
RG6G	G3UHU	HB9AZZ	JH3AIU	JH1AGU
RX4HW	HS1NGR	JA1NWD	JN1RQV	K1HAP
SM0BYD	IV3KFB	JA8JO	JS2LHI	K5KG
SP6JIU	JA0AOO	K6XM	K0RW	K9GWH
UA0ACG	JA2TBS	K8DV	K3TRM	KA6BIM
W4JKC	JH4ADK	LB7ZG	N1AC	KI4WCQ
YU1AM	JJ1TEA	N0YY	N1GC	LZ1XL
133	JM1FHL	N0YY	N9RD	N2KA
9K2NO	K1UU	N2BJ	OE8HIK	N3EN
EU1U	K5VIP	N3KS	PA3EWP	N4JT
IK5DNF	K6SIK	N3RR	SK7AX	ND5S
IZ8DFO	K9DR	W0YVA	SP6A	NW6S
JA6CBG	KC2LSD	W7QHE	SP7ASZ	OE1AZS
JA7GLB	KH2L	W8MET	W0CP	RA0BA
JA9AGN	KM3V	W8MK	W0RT	UU7JM
JR6FC	KM4H	128	W1OPD	VE3UTT
JR7FRW	N3MK	AA4SC	W3BG	W5DAW
K2CDJ	N4QWZ	DM2RM	W3FOX	W9CG*
KS4YT	N5PHT*	IK2SGB	W3MF	WV4TN
KU2A	N6RK	IT9ZZO	W8LMG	YO2RR
OE1KM	ON4ON	JA1XCZ	XE1KK	124
ON4CAS	PY5EG	JA2AHH		AA7XT

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

W1WEF	JA1OVD	SM5ARL	W3UL	YO6HOY
W7GG	JA4KDT	SP3EPG	W4VHF	
W7OEV	JH6WMJ	SV1JFV	W5VX	110
W8LRO	K1RV	SV2AVP	W6TC	BA4MY
WQ5L	K2DC	UN7TW	W8GEX	DL1VDL
	K2HAT	VE3KI	W8HMK	EA5BYP
115	K3MD	W2GW	W9SE	F5BAR
C6AGU	K3OSX	W6BK	WA8OLN	G3LNS
CU2CE	K5CD	W8FAX	WT9U	G8AJM
DL9GOA	K5RJ	W9DX	ZP6CW	HC1BI
G4XEE	KB8U	W9VNE		HI8R
G8BCG	KZ4V	WA4DOU	111	I2BBJ
G8DX	N1QY	WB2HJV	9K2OD	IK5RUN
HA5UK	N3MN	WB2UFF	AA4U	IK8UHA
HK3PJ	N4IQ	WS4C	AF4OX	IZ0CKJ
IW0HEX	NU8Z	ZL1BYZ	CU3AN	J68HZ
IZ7JVR	UA3FT		DG7RO	JA7EPO
JA2KNW	W0VX	112	DK2WH	JE2UFF
JA3NHL	W3MR	A92IO	DK6ED	JH1VHU
JA5WIZ	W4TUN	DJ1RL	DL1HRN	K2BLA
JG3LGD	WA1FCN	DK5RL	EV1R	K3JRR
JH1RFM	WA4CEM	DL5CL	F6ECI	K3PH
K0GD	WA8MCD	EA1JO	G4DBN	K4WW
K0SD	WA9YYY	EI8IU	HL3GOB	K6MI
K4CMS	WN9O	EW1DO	JA1AUD	K6VKO
K4GHS	XE1RBV	G3XGC	JA1FGB	KB4MRX
K4GK	XE3ARV	HB9CEX	JA1NCZ	KC2STA
K8YTO		HB9CRV	JE8TGI	N2CG
KZ5DX	113	HB9G	K0FLY	N3HBX
LY4T	9A1A	IK2ANI	K5WAF	N3IQ
N0IRM	DJ5DT	IU8FRE	K7ORK	N3JB
N4OA	DJ9RR	IZ4DIW	K9AJ	N4KE
N5BO	DL8CM	JA1SXR	KM1R	NC6K
N8KOL	DL8DYL	JA7BXS	KP4AA	NK7C
PA3AXU	DL9GTB	JF2WGN	KZ0X	NY4I
RZ6MJ	G4AFJ	JR7TEQ	LA0CX	RD9M
UA1ANA	JA0GCI	K0JPL	N4WJ	SM5BHW
UA1CGS	JA4BXL	K1EDG	N7BD	SV1VS
UA6XT	JA4ITW	K1EO	N9HF	UA3O
UN6T	JH1ORA	K1KO	NA1DX	US7MM
W4UCK	K0TPP	K4UAS	UR6QA	W0UY
W5VY	K8SL	K8CC	VE6KC	W3XY
W9HBH	KA4RRU	KB2FCV	VE7CT	W4DC
YL2CZ	KH6DX	KI4DLS	VE7UF	W4NE
	KI0G	KM1C	W0VHF	W5ZPA
114	KT1J	LA8HGA	W1FO	W6KK
AB4GE	N6PE	N5ZC	W4HOG	WL7E
BA4DW	N7KO	N6MA	W4OX	XE1FAS
BA7IO	N9ISN	RU4SU	W5AQ	YU7AU
CT3FN	NA3F	SM3DMP	W7VS	ZL3NW
CU3AK	NG0G	UA1ACG	W8MIL	
DL6NB	NI5F	UA1CEI	W9RB	109
F6CWA	NK5B	UT6UD	WA2BOT	DF1KG
G3SDL	NZ3M	VE7XF	WA2MUA	EA3GHZ
HP3TA	R7NA	W1HEO	WB4TDH	EU4T
I5OYY	RA4UN	W2CVW	WB9EEE	F8EZE
IK7YZG	RZ3AUL	W2SKI	YL3DQ	G3SVD

IW0HQE	LZ3YY	KZ1W	KD9HL	K1DJ
JA2CXF	N4MEC	N2RR	KK8X	K2XF
K2ONP	N6RFM	N3DAP	KK9H	K5AV
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		WA4MYO	UR2RGN
AL7R	DL1QQ	106	WA6TLA	VE1PZ
DL6CNG	DL2CHN	AA4FL	YL2GN	VR2MY
ER1LW	DL5XU	AE2U	YU3EF	VY2ZM
G3VAO	DO4DXA	DJ6OZ		W1LE
HB9BAT	EA5AT	DL2NOM	105	W1LY
HB9FAN	EA7QW	DL3JSW	DF2PI	W1MRH
IK0PRG	FG8OJ	DL6JZ	DF8AA	W4OWY
IZ0BTV	G4AKY	EA3CCN	DJ3XD	W6FF
IZ2EWR	G4RGK	HA8DZ	DJ6KH	WQ5W
JA2MOG	I5IHE	IW3GJF	DL4ZAB	YU1NR
JJ2PIK	IT9XTP	JA1VLK	DL6XK	
JK1MZT	JA5EY	JA2MNB	DO1CTL	104
K1EP	JA6OXT	JE6IGP	ES1GO	9M2AX
K1XM	JA8JTH	JG3HBO	G3YUV	AD1C
K2CJ	JH9DRL	JG5RVQ	HA8FW	AG4Q
K2KQ	JR1BAS	JH2KKW	JA1BWA	AH0U
K2MK	K0MD	JH6PFY	JA1TAA	CP8HD
K4SAF	K1TZQ	JJ0NCC	JA4EVN	CX3CE
K4WY	K3SW	JR0EQQ	JA6VA	DK3BK
K4YJ	K3YBN	K0DEW	JA7BME	DL4FAP
K6UT	K4MS	K1PX	JA8RRF	DL7UPN
K8OM	K8LBT	K4DSE	JA9APM	E73D
KM8AM	K8ZR	K5AM	JF1RYU	EA8ZS
KN4JX	KB9DAK	K5ZQ	JF2VAX	EI9E
LU2DKT	KE2R	K8JJC	JO4CFV	F6AJA

F8GB	W3TMZ	OK2BQU	K4KAY	D44BC
G3BRD	W5BK	OK3BRK	K5ZO	DH2FW
HB9CIP	W5CWQ	OZ7JZ	K7BHM	DK9WI
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
K1BG	AG1I	UT2AB	OK1DTN	IV3GOW
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
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SO5AS	KE1IU	I8LWL	WW5G	LA2GV
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US5CAO	KJ7WY	IZ4MJP	YO2IS	N0STL
UT4EK	KM9E	JA0HXV		N2AJ
UT7EC	LX1DA	JA8OW	101	N5AQ
UX4UM	N0RU	K0YN	AA2VG	N8AG
UY0MM	N1HOQ	K1PTF	AA3LX	N9JCS
VE3VHB	N9BBQ	K2LP	AA4NU	NE1F
W0YBS	NU1T	K2TK	AC2AC	NX2X
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W3DRY	OK1DQT	K4AQQ	CT1JGA	OE3WQB

OH3TY	DJ6OI	LA8W	VE1RGB
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OK2BOB	DL1TPY	LU5YF	VE7JKZ
OK3EY	DL1TRK	MM0SJH	VP2VA
OK4MM	DU7ET	N0AH	VR2PX
ON4LG	EA2AAZ	N0ATQ	W0GYH
PA4WM	EA3ALD	N1KI	W0MU
RA3AH	EA8AXT	N1MD	W1AN
RA4P	EC5A	N2SG	W1YRC
RA4SD	EI3ISB	N2XQM	W2CCC
RB7GG	ES5NC	N3AF	W3BBO
RK9F	FM5GU	N4CRI	W4HHN
RY6M	G0VXE	N4ZR	W4OEP
SM2DMU	G4CGG	N7DED	W4OV
SM7NDX	GM3ZSP	N7TK	W6WA
SP7JLH	I2VGW	N8IL	W7DT
SV1PL	IK0HFO	N8NB	W7JET
UA0FDX	IK4MSV	N8OQ	W8CNL
UG6GAW	IK5ZUK	N9ADG	W8FN
UR5WIF	IS0/YO3RA	NA6O	W8GDQ
UR7CQ	IT9CVO	NB3R	WB4SON
UT1CC	IW0BYL	NG7A	WU2M
UT4IS	JA1BRK	NJ3I	YB1TJ
UT7HA	JA1CPU	NN4SS	YL2SM
VE2OJ	JA1ILA	OE5JDL	YO9FLD
VE3XB	JA4FSH	OK1DXD	ZP9MCE
VK2GR	JA5DQH	OK2PAZ	
W1FC	JA9CGW	ON4ANN	
W1GF	JE1PHH	ON7EH	
W2SF	JF3DRI	ON7GB	
W3WH	JS6TWW	ON9CC	
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W5RF	K1NA	PA7RA	
W7AV	K1NZ	PY7DJ	
W7CB	K2CBI	R3PJN	
W8GB	K2CYE	R9JX	
W9MAF	K3TZV	RA3SD	
W9ZCL	K4FT	RA4LW	
WA3EKL	K4KSY	RA6XB	
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WC4H	K4UQC	RN1A	
WK9U	K7VIC	RT5A	
WR2G	K8BZ	RU3GF	
WV9L	K8CR	S53MJ	
YO2OXD	K8CS	S59SV	
YO6BHN	K8LE	SM0CXU	
YV4DYJ	K9NZ	SV1VJ	
	KA9UVY	SV2DSJ	
100	KB0EL	TI5CDA	
9M6YBG	KB1HY	UA3AKI	
A41ZZ	KC0V	UA4PAY	
AA4AK	KC4D	UA6CEY	
AA4UC	KC5LT	UN6P	
AB4VV	KD8BZY	UR4CW	
AC4VM	KP4N	UR4LRG	
AI2S	KQ5M	UR8IDX	