

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 12 Aug 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	JA4LKB K1UO RU3DX YU1FW
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	
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	300 G3KMA I2ZFD JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	299 K4TEA N1BUG SV1FJA UX1UA W7UT
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX	304 DJ0MDR GM0GAV SM3GSK	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
332 UR0MC	319 N0XA SM4CAN			
331 K5UR LZ2DF	318 4X4DK UT5UGR W9ZR			
330 AA1K HA0DU OH1XX R4GM UT7QF	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS JA1BK	
329 K3UL UA4HBW	316 K5RK OH3SR			
328 UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	N9IW OK1AWZ VE2TZT	268 DL5DSM G3WPH K8PT RA3XDX SP9JZU W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C 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 OH3BU SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	266 G4OBK 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 SP5CJQ UA6MF UX1AA	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR SV8BHN W1GL YO5BRZ
293 JH4UYB N0TB S58T	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V I5NPH IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR	270 AA1V LA3MHA OE5KE	262 G0DQS IK5HHA KR9U N5KD W1YY
290 UA3AKO			269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS

NO8D SP1S	K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	EA6VQ JH4ADV K3SWZ N6DX OK1CF R7DX VE3XN WA7NB WA7NS
260 EA5BM K1LT K4DY UT9FJ	252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY	239 K0KT K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA JA0FSB K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT I1EIS JH0BBE N4II PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 AJ6T DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP W3LL	233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 K1GUN K9NW N8TR W9YSX	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
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL W1TSP W3DF	249 AB3CV AI9L JR3IIR K9RX SP5DRH	242 EA4KD KG7H	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC SV8GFW T77C W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM	230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF
254 N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN YO9HP			
253 5B4AGN AA1QD				

W4VQ	SP8NR	JA2FBY	IZ8VYU	209
229	VA5DX	JA2FJP	JA2JW	DL5CF
CT1FJK	W7KW	JF3KON	K4NA	DL9MRF
DJ4AX	224	KV7K	LA4GHA	EU1KY
JA8FKO	MM0EAX	LA7GIA	LA7JO	HB9CXZ
J11BEX	N0AV	LB8DC	OK1DX	HB9DDZ
OE5NNN	N8BM*	OE8RT	RN7G	JA0UUA
RO7T	SP5INQ	RA3WDK	W4NL	N9LB
228	SP7GAQ	SP4K	213	VE1DX
AF9H	SP7GAQ	UT7UV	DF2IS	VE3LYC
AI0O	VK6VZ	WA2UUK	EI3IO	W0ZR
E72A	W2RQ	218	HA1RW	W7KNT
K4HB	223	AD5A	JA2IVK	W9OO
N2WK	AB0X	DJ4PI	JF6DSZ	208
OH2BEN	DJ8NK	DK0PM	K1ST	G3NSM
VE3DZ	HA7TM	IK1YDB	NA2M*	I4LCK
WB6RSE	JH2TPI	JA8CDT	RU4SO	JA9FPI
227	RT6T	K0EU	W0LYI	JF4VZT
DL7HU	SV2JAO	K5UO	W1FJ	K2FU
ES1RA	UR5FEO	UT4MF	W2WG	K5RT
IK0HBN	ZS4TX	W5PJR	W3YY	N5ORT
IK6FWJ	222	217	WS9V	RU3ZX
JA1UQP	IV3JVJ	DM5EE	212	UN5J
JA2NDQ	K3SV	JH1IFS	AA9A	UY1HY
JA9CHI	K6EID	K5PC	DL9GFB	W6PJ
K1FK	K8FH	ON6YH	F6DAY	W9EWZ
K3NW	K8ZTT	UA3AGW	K4MQG	207
W9BF	N5AW	216	K8ZH	K1DT
226	N5JR	JA6LCJ	KE9I	K1LPS
DL5WW	N8PR	JA9PPC	KG6I	K3JT
I3BUI	N9BX	K5EJ	N1ZZ	K8EUR
JA6BZI	SM0CCM	N4PQX	N4MM	N9AU*
JF2KOZ	221	N5UL	NX0I	PY2BW
JR6EZE	JA2WYN	OE1ZL	OZ1AXG	W0LS
K9FD*	JJ3PRT	RZ0AF	SM5CZQ	206
N6JV	K4MWB	W0GJ	W1ECT	IK0IOL
ON4GG	K8SIX	W6XA	WB9CIF	JA3PIS
US0SY	N6VR	YO7LCB	211	K2VV
UT5JAJ	W1ZK	YU3AA	EA1RT	K3LR
VE6WZ	W6JRY	YV1DIG	IK4DRR	K5AQ
W0VTT	WS6X	215	JA4DEN	K5MC
225	220	IZ8FWN	K3WA	K8AC
A45XR	AG8B	JH0INP	RU3SD	KG9N
JH7PFD	DK2NG	K3JGJ	WA5VGI	N8DJX
K1MM	HB9LCW	N7JW	210	PY2XB
K5AB	HL5IVL	RA1QD	I8SAT	SM6BZV
K9FD/KH6*	JR4OZR	W0UO	JA7MSQ	US0KW
N4CH	KA1R	W2LK	JJ2LPV	VE3BW
RA3QK	N1LN	W6YI	UW7LL	205
RV1CC	VE3EXY	214	W7JW	F6EXV
RW3XZ	219	DL7BA	WP4U	I4KDJ
SP3CGK	IK3VUU	HL3IUA		JA3AAW
				KA9FOX

LA7HJA W8UN WB8ZRL	ZL3IX	RZ6FA UA0SC UT5EL W0FS XE2X	N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	AB4IQ CT1FMX JA1KQX KB0EO KB1EFS KE9ET KL0S N8LJ RM0F SM0NJO W6SR W8JV WA3C WA6YEE
204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U W18A	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP IK4PLW JA3RAR JA4PXC K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB OH2IS W3UA W3YQ W8LGJ	187 AJ1H K0SR K6SRZ KN5O LA0FA N2NS OK1CZ W7AWA
203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I OH1TV PA0A R6AF W7DO W8GC	200 G0OIL 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 K0JGH K8FC K9LA NE1B RK2FWA	186 9A8A IK2QPR JA8DNV K0BJ K7LAY W1YM YL2TW
202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV K9YY LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR WA2HZO	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA	194 K4KDX K9JF KB9LIE LA7AFA SM7GIB W2LO W4FC WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K0BBC K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV WE9R	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB JA2LCP K5ZD LA3WAA N4TJ N5UR OE2BZL SP3FAR SV1DPI UA9CBO
	198 DL1ROJ G3UJE G4BUE IT9JNR NK1K RX3APM W8HB	193 CT1IUA DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW JA1XEC K4ODL	189 9A2F EA8PP FM5CD JA0VSH SP7HOV UA7T	184 HA5WA JA2ZL JF1NZW K4HGX K5KLA KB4ET
	197 G3SNN I5KKW IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD		188 AA1ON	

S57AC US8UA W2YJ	K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	N7IR N7XR PE1L SP1MGM TF3SG VE3FF W8HC WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU N0RN N4OGW N7RO N9RC RA3DNC SV1LK UN9L WA9PIE	PA7F SP5GH W4SVO W6VX W8OI WA0MHJ WA5YNB
183 IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ KI5BLU N4PY SP3GTS SV3KH W3IP W9EVI WA3AFS	167 DK5AD EC3A EI6FR JA6VQA K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WC5N
182 DJ9ON DK3UA HK3W JA1SHE JA3ENN N3OC UR3EO	177 9H1SP AE5E CT1GFK IK4ADE K3WC K4RG K9NU SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JG0CQK K1NTR K4XR K9YC KA1J N5FG PY5EW	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7Yaq WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT
181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W9AJ	176 EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK OK1DWC RL3FA SM5FUG W4BP W4GD YO7NE	172 EA7TV G0BLB G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WC4X	168 G3MXJ IK2EGL JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN
180 DM2DXA DM3VL EA8JF JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W7BEM W8TN				
179 CT1FPQ IT9ELD IW0SAF JA9NLE JR7BDQ K0TT	175 JA1CHN JS3CTQ K4DLI K5GKC LA5LJA			

NY0V RC9F SM4CTT SP6EQZ W5BN	K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	W3GQ W4QN 157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y W1NA W5DNT WB0TEV YS1RR 153 AA6AA AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFX LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU 152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM 151 AA7G CU2AP DK2OY EI9JF	F3SG HB9SLO JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW KD0PO N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK WP4G 150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W2/CT1GIF W6DAO WW2DX 149 DL7CX HB9HFN IK4FNF JL1ARF K3RA K3TN K4YYL K8ME K8ROX R8TX SM6CUK UW7UA W0GG W7HPW
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG SV2AEL W4DKS W4NS* WW3S	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B 159 JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT 158 DJ4PT DL1FKA IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL	156 AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV 155 CT1FCX DL1RK DL4SZB HB0CC JE3GRQ K2LS NE0DX NW7E SM6VR W2XI WE1P ZS6EZ 154 3V8SF		
163 9A2JK DJ9HX JE2LUN K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL 162 4O3A 9A4W F3AT HB9TKS IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ 161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY JH4CPC K1USA				

WB8B	K1OA	142	UN1L	HB9CQK
WD5K	K3VAT	I5HOR	VE6SV	HB9RYZ
WS5W	K4OY	IT9BLB	W0SEI	IZ2FOS
YO3DDZ	K8BL	JA2ATE	W4NU	JA3APU
148	KF6HI	JH0BQX	W7IV	JA4OK
DK2CC	N1CGP	JR7WFC	W8LWU	JH4JNG
F5CQ	N4GG	K3PP	WO2T	K2QMF
F5LVL	NA5C	K4WZ	YL2MU	K8NS
F5PAC	RT0F	K6EME	YO9FNP	LA9GX
G4FTC	SM3DTR	KK1W	139	RA3CO
JH1QDB	144	LA9VFA	DF7EE	RG7G
K5VWW	CU3EQ	MM0SAJ	DJ4XA	UU1JA
LA6OP	DL5CW	N2ZN	DL5EBE	W1ITU
N2WB	DL5KUA	N7QT	DL8OH	W5ODD
N5XZ	E70T	NA4D	DS1JFY	WB5JID
NE3F	EI6IZ	NQ7R	JA1TMG	136
W5FKX	GM3ITN	NY2NY	J11DCW	E72U
W9JJB	HB9BYQ	OH1JP	K3ANS	ER0FEO
147	I5MXX	OK1DO	K6AM	HB9IQB
EA3GP	IT9GSF	W2OO	K8GI	IK8CNT
IV3VBM	IV3DXW	W5LUA	K8RF	JH4HMG
JA1XQC	IZ4GWE	W5VQ	KA8SYV	K0TV
K7HP	JA3GN	WA5POK	KU0A	K4ZO
K8UT	JE1FQV	WB8CQV	LA8WG	K7TM
KM1H	K0VSH	141	OK1MP*	KR6C
N1IBM	KJ9C	AC9S	SM5CBM	NA5DX
PC3T	N1IX	DL5MHQ	SV8ZC	OK1DW
W1OP	N3KK	EW1BA	W0SD	SM5OJH
W2KKZ	SM4OLL	HB9FMT	WA8WV	SP2BMX
146	SM5CLE	JA1PTJ	138	UT3UZ
EU4A	W4GE	JA9RRH	DK8MCT	UW8SM
JA1HQG	W5ADD	JH1HHC	DK8YY	W2OIB
JA4DHN	W7ZI	JL1UXH	EI9FBB	WB7QXU
JA5XAE	W8RLS	JR2LJO	F6DDR	135
JH1GNU	WC5M	K2RW	IK8EPC	5B4MF
K1CA	WD5T	N8OC	JA3OOK	DJ9ZB
K5KV	YO3CD	NJ3K	JF3LOP	F6FXU
K5SM	143	OE6VIE	JH7RXU	IK8GYS
K6NR	DL1DUO	SV3FUO	K1RO	IU0HDC
K7WP	DL6EN	W2CG	K2RET	JA7LMZ
N7BT	HS0ZEE	W3BW	KJ6P	JA8BNP
RU0SN	K7CMZ	W4JVN	LB5WB	JA8JL
W1IZL	K7CW	W4VIC	ON6AA	K1ZE
W1ZT	N2RJ	W4WT	OZ8X	K4ZRJ
145	N2WM	W8GNM	RW4CY	K7FL
AF4HX	N5UW	W8HW	UN7JID	K7XB
HI3T	N6PAT	ZS1C	V51B	NZ9R
I0JBL	N6PSE	140	W1GD	R7LP
IZ0RVI	NN4R	9A1CAL	W2YE	RN3RQ
JE6TSP	W0IZ	K5WK	W4YV	SM3LGO
JJ3HGJ	W6QUV	K6KLY	W7OM	SM5CZK
JK1AJX	WB8ZRV	KF8DX	137	SP3XR
JN1BMX	WD9DZV	N4XP	EA1YO	SV5DKL
		OH6NIO	GM3YOR	W1DIG
		ON7DR		W1EQ

W2GD W4BUW W4MBD W4RFZ W6JTI WE4S	N6HY OZ2RH SM4BZH SM6BGG SP6M VE3CRG W4AXL W4RBO W4WM W5SL W6DR W7AH W7CD W9FR WB3D XE2S	K7LFY K8BCK K9GL KO8SCA NA4EA NO9E OZ2ABI PY5EG R3VA R5QA R9AB RU1AO S51NM SP6JIU TA1CM VE3DO W2MPK W9ZT	SM3GQP SV3DCX US8UW VQ9LA W2WC W4IS W6RKC ZS6UT	VE7BV W8MK W8REW W9ILY WB0O WB2REM WD4LBR YU1EXY
134 CT3HF IK4DCS JA7LGE K1TO K1ZN K3OX KX4TT N9MR* N9RS OE1TKW PY5HOT RG6G RX4HW SM0BYD UA0ACG W4JKC YU1AM	131 DK7YY G3UHU HS1NGR IV3KFB JA0AOO JA2TBS JH4ADK JJ1TEA JM1FHL K1UU K5VIP K9DR KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT N6RK ON4ON R0SR R9MJ R9SA W8DCH ZS1A	129 HA1RB HB9AZZ JA1NWD JA8JO K4TT K6XM LB7ZG N0YY N2BJ N3KS N3RR W0YVA W7QHE W8MET	127 CT3KN HK1MW IK2SGB JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JS2LHI K0RW K3TRM KM3T N1AC N1GC N9RD OE8HIK PA3EWP SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3FOX W3MF XE1KK	125 9A1AD AG1A GW3TMP HK4SAN IK5DNF JA4IYL JA6VU JE1TSD JE6UWU JF2WXS JH1AGU JL1RUC K1HAP K5KG K8DV KA6BIM KI4WCQ LZ1XL N2KA N3EN N4JT ND5S NW6S OE1AZS RA0BA UU7JM VE3UTT W5DAW W8LMG W9CG* WV4TN YO2RR
133 9K2NO EU1U IZ8DFO JA7GLB JA9AGN JR6FC JR7FRW K2CDJ KS4YT KU2A OE1KM ON4CAS RA5BM RV4LC UQ2PZ VE3WT W0NFL W2QO W5AJ	130 DF9ZW E73M EI2JD G7VJR HK0HEU JA2FBC JG1DUZ JI4POR K2MYR K3NK K6SIK	128 AA4SC DM2RM IT9ZZO JA2AHH JA2KSP JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW KM4NS N5KM OH1ZK OZ1IKY R9SG S53X S55DX	126 DJ8WD DL9FCY F8BPN G4IUF IZ7EVZ JA1XCZ JA7KY JH3CUL JJ1DWT JN1RQV K2ZD K4JKB K4XU N8NA OE3SGU OK3CQD PA5TT VE3CX	124 AA7XT JI1DHY KD4POJ NA2U PA0TCA UA0BA VA7CRZ VE1DUN W2JU W2RIJ W3FM W6CYX

123	RD4A	N4LR	WP3R	N4IR
AB1OC	UU4JMG	N4TB	XE1RCS	N6MB
AC4TO	VE6AX	N4UFP		N8AA
DL7JRD	W2TB	N8PW	118	N8XI
F4GTB	WA3I	OE3EVA	5T5PA	NY4G
G4WFQ	WA7BNG	OZ2A	AB2E	OZ5HP
G5LP		PZ5RA	DL5OCE	SM7BIC
HB0WR	121	RL3BZ	JA4FHE	SP8HKT
IK2CHZ	AA6RR	SP7ITB	J18DGO	UA6J
IK3XJP	DF1DB	SV1FKZ	JN7DOS	UB3A
JA0CRG	DK1EI	SV1IW	K3WGR	UR9IDX
JA1SJV	DK6CQ	UR5IKN	K4CNW	US1CT
JA3MHA	EI2GLB	US0YA	K5XM	W4ZRZ
JA6WJL	HB9DHG	W0RX	K7PI	W6SL
J14WAO	JA2HYD	W2YR	K8LN	W8ZR
JK1EXO	KD8RQE	W3OA	K8WVA	WA2USA
JR1EBE	KG9Z	W4PRO	KD2T	
K2PK	N0OK	W6RFL	KD6UO	116
K3XO	N1JP	W7RN	KG8CW	AJ4F
K4ZIN	N3ND	WT4Q	KV4AA	DL7URH
K5GH	N4TL	ZL4AS	LZ2HM	EA5BRE
K7UT	N6HC		N2MM	HA7PF
K9CS	SV1AHX	119	N4DJ	IK0EIE
KV4T	UQ1GWW	AA3AZ	PY2PA	IK2OHG
N2ED	UT4EO	AA4DD	RN3TT	IT9TQH
N4DWK	UU2JQ	AE3T	SV9COL	IV3HYD
N6MZ	VA3AYA	AJ4A	TA2RC	JA1WTI
N9JV	W0QQ	DK3GG	VK4CAG	JH3GCN
N9LQ	W2GG	DL9OBY	W1KSZ	K1DC
NA2P	W3RJW	EW4M	W4DAO	K1RI
NA9RB	W6XI	G4DJJ	W4NJ	K9FN
S50B	W9XX	HB9AAQ	W5JMW	KT1V
UA3DK	W9YE	HB9BCI	W9FI	KV1J
UR9QQ	WA1PMA	I2TZK	WX3P	NA9Q
UT3QU	WY1G	I4MKN	YO4AUL	OZ1LCG
W1AO	XE1VIC	IU0LFQ		PA0JSE
W4NF		JA3AZD	117	RV3ID
W8NJR	120	JA4XGC	9Y4VU	TZ4AM
WB8K	9A5F	JE2JMV	AA8CH	UA4PCM
XE1H	AA5JF	JH6CDI	AE0P	W1ENE
	AC9EM	K3FRK	BH4IGO	W1WEF
122	AL7TC	K5UZ	DL1DWT	W7GG
BA4RF	DL2VWR	K7EG	G3PLP	W7OEV
G3NDC	FG5FR	K8KWT	IT9AAI	W8LRO
JA1MRM	HB9BLQ	K9SG	IT9DAA	WQ5L
K1BZ	IZ0LKV	N0KV	JA1HQT	
K1ESE	IZ5NFD	N9UA	JA4FM	115
K1YT	JA4EPE	NT2A	JA5FDJ	C6AGU
K2MP	JR3UIC	NY7T	JA7GYP	CU2CE
K7ZA	JR6LLN	OH5NG	JA7IC	DL9GOA
KR0P	K2BA	OK1DT	JM3GXU	G4XEE
LA7WCA	K2HK	R6FFB	JR2UBS	G8BCG
LA8PT	K3QIA	SV1ACK	K2BB	G8DX
N3NR	K5JC	VE3YF	K3NF	HA5UK
N9AW	K6FW	W4HZ	K6PJ	HK3PJ
NN7X	KA8ZPE	W8FIB	K8OOK	IW0HEX
OZ3Y	N4BAF	WC2K	K8QM	IZ7JVR

JA2KNW	WA1FCN	112	DG7RO	IK8UHA
JA3NHL	WA4CEM	A92IO	DK2WH	IZ0CKJ
JG3LGD	WA8MCD	DJ1RL	DK6ED	J68HZ
JH1RFM	WA9YYY	DK5RL	DL1HRN	JA7EPO
K0GD	WN9O	DL5CL	EV1R	JE2UFF
K0SD	XE3ARV	EA1JO	F6ECI	JH1VHU
K4CMS		EI8IU	G4DBN	K2BLA
K4GHS	113	EW1DO	HL3GOB	K3JRR
K4GK	9A1A	G3XGC	JA1AUD	K3PH
K8YTO	DJ5DT	HB9CEX	JA1FGB	K4WW
LY4T	DJ9RR	HB9CRV	JA1NCZ	K6MI
N0IRM	DL8CM	HB9G	JE2EHP	K6VKO
N4OA	DL8DYL	IK2ANI	JE8TGI	KB4MRX
N5BO	G4AFJ	IU8FRE	JF2WGN	KC2STA
N8KOL	HB9EFK	IZ4DIW	K0FLY	N2CG
PA3AXU	JA0GCI	JA1SXR	K5WAF	N3HBX
RZ6MJ	JA1OVD	JA4BXL	K7ORK	N3IQ
UA1ANA	JA4ITW	JA7BXS	K9AJ	N3JB
UA1CGS	JH1ORA	JR7TEQ	KM1R	N4KE
UA6XT	K0TPP	K0JPL	KP4AA	NC6K
UN6T	K2HAT	K1EDG	KZ0X	NK7C
W4UCK	K8SL	K1EO	LA0CX	NY4I
YL2CZ	K9GWH	K1KO	N4WJ	RD9M
	KA4RRU	K4UAS	N7BD	SM5BHW
114	KH6DX	K8CC	N9HF	SP9WZS
AB4GE	KI0G	KB2FCV	NA1DX	SV1VS
BA4DW	KT1J	KI4DLS	UR6QA	UA3O
BA7IO	N7KO	KM1C	UT1UY	US7MM
CT3FN	N9ISN	LA8HGA	VE6KC	W0UY
CU3AK	NA3F	N5ZC	VE7CT	W3XY
DL6NB	NG0G	N6MA	VE7UF	W4DC
F6CWA	NI5F	N6PE	W0VHF	W4NE
G3SDL	NK5B	RU4SU	W1FO	W5ZPA
HP3TA	ON5UE	SM3DMP	W4HOG	W6KK
I5OYY	R7NA	UA1ACG	W4OX	WL7E
IK7YZG	RA4UN	UA1CEI	W5AQ	XE1FAS
JA4KDT	RZ3AUL	UT6UD	W7VS	YU7AU
JA5WIZ	SM5ARL	VE7XF	W8KA	ZL3NW
JH6WMJ	SP3EPG	W1HEO	W8MIL	
K1RV	SV1JFV	W2CVW	W9RB	109
K2DC	SV2AVP	W2SKI	WA2BOT	DF1KG
K3MD	UN7TW	W3UL	WA2MUA	EA3GHZ
K3OSX	VE3KI	W4VHF	WB4TDH	EU4T
K5CD	W2GW	W5VX	WB9EEE	F8EZE
K5RJ	W6BK	W6TC	YL3DQ	G3SVD
KB8U	W8FAX	W8GEX	YO6HOY	JA2CXF
KZ4V	W9DX	W8HMK		K2ONP
N1QY	W9HBH	W9SE	110	K4RDU
N2JJ	W9VNE	WA8OLN	BA4MY	K5FZ
N3MN	WA4DOU	WT9U	DL1VDL	K5KA
N4IQ	WB2HJV	ZP6CW	EA5BYP	K5KPE
NU8Z	WB2UFF		F5BAR	K6MW
UA3FT	WS4C	111	G3LNS	KE1F
W0VX	XE1RBV	9K2OD	G8AJM	KZ5DX
W3MR	ZL1BYZ	AA4U	HC1BI	N1BZ
W4TUN		AF4OX	I2BBJ	N2WLG
W5VY		CU3AN	IK5RUN	N7TY

N8NN	W2UB	SP6AXW	OH2OT	N4VN
ND4V	W3NRJ	US5CB	OK1AYU	N6NU
NN4RR	W4ZYT	VE3OI	OK2BVG	N7DR
NU4I	W7ACD	VK3NX	S57AL	ND3L
NX7U	WA2ALY	W3KB	UR3CRO	ON7PQ
PY5CC	WA8MOA	W4MAY	UT7UU	OZ4AAL
RW4UU	WB8BZK	W6TDX	UU5WW	PF7M
RW9QA	WC1M	W8IW	V73AZ	PJ2/K8ND
RX3AGD	WC6DX	W8VK	VQ9SS	PY2DS
TG9NX	WD9EQU	W9CPV	W1CWU	R6YY
UB5ZAL	WW1WW	WA0RVK	W2EQ	RA6AF
UT7KF		WB6CJT	W2LE	RD4WM
VU2CPL	107	WB8ART	W2NO	SP5JXK
W5WP	4Z5LA	WS1L	W3ICM	UA6LCN
WB5TUF	DJ8ES	XE2YWH	W4IR	UR1RWX
WN0L	DK3FB	YL1XZ	W5JAY	UR2RGN
YV3AGT	DL1QQ	ZL3RJ	W8OP	VE1PZ
	DL2CHN		WA4MYO	VR2MY
108	DL5XU	106	WA6TLA	VY2ZM
AI2Q	DO4DXA	AA4FL	YL2GN	W1LE
AL7R	EA5AT	AE2U	YU3EF	W1LY
DL6CNG	EA7QW	DJ6OZ		W4OWY
ER1LW	FG8OJ	DL2NOM	105	W5KI
G3VAO	G4AKY	DL3JSW	DF2PI	W6FF
HB9BAT	G4RGK	DL6JZ	DF8AA	WQ5W
HB9FAN	HI8R	EA3CCN	DJ3XD	YU1NR
IK0PRG	I5IHE	HA8DZ	DJ6KH	
IZ0BTV	IT9XTP	IK0ZIO	DL4ZAB	104
IZ2EWR	JA5EY	IW3GJF	DL6XK	9M2AX
JA2MOG	JA6OXT	JA1VLK	DO1CTL	AD1C
JJ2PIK	JA8JTH	JA2MNB	ES1GO	AG4Q
JK1MZT	JH9DRL	JE6IGP	G3YUV	AH0U
K1EP	JR1BAS	JG3HBO	HA8FW	CP8HD
K1XM	K0MD	JG5RVQ	JA1BWA	CX3CE
K2CJ	K1TZQ	JH2KKW	JA1TAA	DK3BK
K2KQ	K3SW	JH6PFY	JA4EVN	DL4FAP
K2MK	K3YBN	JJ0NCC	JA6VA	DL7UPN
K4WY	K4MS	JR0EQQ	JA7BME	E73D
K4YJ	K4SAF	K0DEW	JA8RRF	EA8ZS
K6UT	K8LBT	K1PX	JA9APM	EI9E
K8OM	K8ZR	K4DSE	JF1RYU	F6AJA
KM8AM	KB9DAK	K5AM	JO4CFV	F8GB
KN4JX	KE2R	K5ZQ	K1DJ	G3BRD
LU2DKT	KZ1W	K8JJC	K2XF	HB9CIP
N4MEC	N2RR	KD9HL	K5AV	HK3O
N6RFM	N3DAP	KK8X	K7OX	IK0DWN
N9SF	N4RF	KK9H	K7PO	JA1SDV
N9TF	N6EE	KQ3F	K9RO	JA2FGL
NU4Y	N8AGU	N0JZ	KI5T	JF1EGO
PA0ZH	NA5Q	N2CW	KT2E	JF6WTY
R5FY	OE1CP	N2SQW	KX2A	JK1BSM
R7LA	OK2BUZ	N3XM	LZ1JZ	JO1WXO
RX6DX	OK3CQR	N8AID	N2DPF	K0WK
S57J	R0FA	NA5Z	N4JI	K1BG
SM6AOU	RN4AA	NI5M	N4NW	K3FM
UX7UN	RV6ARZ	NS3L	N4PL	K4KEW
UZ6LWZ	SP3BQD	OE5CSP	N4SC	K4MF

K4VIG	DL8YRM	VE3VV	PY2DO	JA6TMU
K5HK	DM5TI	W0QC	R2AB	JA7SFD
K6UM	DS3HWS	W0UVC	R3IS	JF1RPZ
K7TJR	EA7SG	W1CTN	RU3UN	JH3HGH
K9EA	EU6MM	W4AVY	S59DJK	JH3PRR
KA2BZS	EW3LB	W4MZ	SM6WET	JI3KDH
KH6KG/W5	G3BDQ	W5THT	SP5MXZ	K0LW
KI0KB	G4AAW	W5VU	T77V	K1YR
KW0A	G4PUQ	W6SZN	UA1AIR	K2BX
LZ2XF	G4VGO	YO7APA	UA1CKC	K2TER
N3ER	I0OSI		UA6HOF	K3SEW
N3TR	JA1JAT	102	UA9MR	K4NNX
N4GU	JA2GQO	A6/RV6LNA	UA9UCO	K5DNL
N4TTE	JA2OLJ	CT4BD	UW7CN	K6AAW
N6PF	JA3FHL	DK3QM	VE2FYR	K6XJ
N6WM	JA8EJO	DL3DXX	W0JMP	K7AR
N8MZ	JE1SYN	DL3NCR	W1AW	K7IA
N9DR	JH1DGQ	DL4CW	W1MRH	K8BN
N9PGG	JM2RUV	DL4KUG	W1PV	K9JU
NJ9C	K0EOO	DL5RDI	W2LW	K9PG
NN3Q	K2UVV	EA8AKN	W2TX	KC4PX
PA0GMM	K4LQ	EI4DQ	W3EKT	KD3UY
RA1QX	K5JUC	EI6GF	W4ALF	KE1VT
RU3UR	K7BTW	ES5RW	W5TO	KE4S
RZ6DX	K8CCV	F6BWO	W7IUV	KF7NN
RZ6LB	K9MUG	FM5WD	WA0IDK	KN6J
SM5CCE	K9XJ	HB9AHL	WA1S	KQ1F
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SO5AS	KJ4R	IT9SFT	WS4Y	LA2GV
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US5CAO	KM9E	JA0HXV	YO2CMI	LZ1XZ
UT4EK	LX1DA	JA8OW	YO2IS	N0STL
UT7EC	N0RU	K0YN		N2AJ
UX4UM	N1HOQ	K1PTF	101	N5AQ
UY0MM	N9BBQ	K2LP	AA2VG	N8AG
VE3VHB	NU1T	K2TK	AA3LX	N9JCS
W0YBS	OH3GD	K3KG	AA4NU	NE1F
W1QA	OH4UI	K4AQQ	AC2AC	NX2X
W3DRY	OK1DQT	K4KAY	AC5O	OA4TT
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W5CWQ	OK3BRK	K6DJ	D44BC	OH3TY
W5GJ	OZ7JZ	K7BHM	DH2FW	OK1PGF
W5ZO	R9GM	K7UA	DK9WI	OK2BOB
W6PH	RA0FA	K8BHZ	DL1KS	OK3EY
W7DR	RA4HT	KJ6NZ	DL3ANK	OK4MM
WA0I	RK3QY	KN4KL	DL5JS	ON4LG
WA9ETW	RU3OW	KW4BY	DM3ML	PA4WM
YC0LOW	SM3CBR	KY6R	EA1WX	RA3AH
YO5ODE	SM6EHY	LA3ANA	EU1TT	RA4P
	SM7BHH	N5RZ	G3ZFC	RA4SD
103	UA3PFN	NZ3M	G4FJK	RB7GG
AG1I	US2WU	OH2EA	GM3WTA	RK9F
AI3Q	UT2AB	OK1DTN	HB9NL	RY6M
DJ1MM	VA2ZO	OK1JDX	IV3GOW	SM2DMU
DJ3GZ	VA3IC	OK3CSQ	IV3KCB	SM7NDX
DJ7PI	VE3EDY	PA7TWO	JA1VVX	SP7JLH
DL2HX	VE3MFA	PV8ABC	JA2VMU	SV1PL

UA0FDX	IS0/YO3RA	NB3R	WU2M
UG6GAW	IW0BYL	NG7A	YB1TJ
UR7CQ	IW0HQE	NJ3I	YL2SM
UT1CC	JA1BRK	NN4SS	YO9FLD
UT4IS	JA1CPU	OE5JDL	ZP9MCE
UT7HA	JA1ILA	OK1DXD	ZS2DL
VE2OJ	JA4FSH	OK2PAZ	
VE3XB	JA5DQH	ON4ANN	
VK2GR	JA9CGW	ON7EH	
W1FC	JF3DRI	ON7GB	
W1GF	JH7BKN	ON9CC	
W2SF	JS6TWW	OZ1ZD	
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W4BUE	K0XM	PA7RA	
W4PM	K1NA	R3PJN	
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W7AV	K2CBI	RA3SD	
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WB3HLH	K4UQC	RU3GF	
WC4H	K7VIC	S53MJ	
WK9U	K8BZ	S59SV	
WR2G	K8CR	SM0CXU	
WV9L	K8CS	SV1VJ	
YO2OXD	K8LE	SV2DSJ	
YO6BHN	K9NZ	TI5CDA	
YV4DYJ	KB0EL	UA3AKI	
	KC0V	UA4PAY	
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9M6YBG	KC5LT	UN6P	
A41ZZ	KD8BZY	UR4CW	
AA4AK	KP4N	UR4LRG	
AB4VV	KQ5M	UR8IDX	
AC4VM	LA8W	VE1RGB	
AI2S	LU5OM	VE3OAT	
DJ6OI	LU5YF	VE7JKZ	
DL1TPY	LZ3YY	VP2VA	
DL1TRK	MM0SJH	VR2PX	
DL9GTB	N0AH	W0GYH	
DU7ET	N0ATQ	W0MU	
EA1CP	N1KI	W1AN	
EA2AAZ	N1MD	W1YRC	
EA3ALD	N2SG	W2CCC	
EA8AXT	N2XQM	W3BBO	
EC5A	N3AF	W4HHN	
ES5NC	N4CRI	W4OEP	
FM5GU	N4ZR	W4OV	
G0VXE	N7DED	W5BK	
G3OIL	N7TK	W7DT	
G4CGG	N8IL	W7JET	
GM3ZSP	N8NB	W8CNL	
I2VGW	N8OQ	W8FN	
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IK4MSV	NA6O	WB4SON	