

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

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
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 W4VQ
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	247 K0IEA K6XT NN4X NO2R R7IA WA7NS WB3AVN YO9HP			
254 I1EIS N0AT OM3DX WA4FFW				

229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	W7KW	JA2FJP KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	EU1KY HB9CXZ HB9DDZ JA0UUA KG9N N9LB VE1DX VE3LYC W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU 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 W9BF	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX	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 DL5WW JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM	216 F6DAY JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW
225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX	221 JA2WYN JJ3PRT K4MWB K8SIX N6VR W1ZK W6JRY WS6X	215 IZ8FWN JH0INP K3JGJ N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW WP4U	205 F6EXV I4KDJ JA3AAW KA9FOX W8UN WB8ZRL
	220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	214 DL7BA HL3IUA IZ8VYU		
	219 IK3VUU JA2FBY		209 DL5CF DL9MRF	

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 200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG 199 DK2LO G0BNR HB9DDO JA2DPC K6G XO 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 US8UA UT2UB
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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
K8WK	K4DLI	KJ0M	KR4F	JE7RJS
N2PK	K5GKC	VE6WQ	N4QQ	JH7CFX
OK1MG	LA5LJA	W3JX	N8BJQ	K5JZ
	N7IR	W4FQT	PA7F	KK4CB
		WA9PIE		N4HB

N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	SM4EMO W0SZ W1OX W2XL W3GQ W4QN	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y W1NA W5DNT YS1RR	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	153 AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFX LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W2/CT1GIF W6DAO WW2DX
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	149 DL7CX HB9HFN I0JBL IK4FNF JL1ARF K3TN K4YYL K8ME K8ROX R8TX SM6CUK UW7UA W0GG
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 K9GA OZ1HX RU6M	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ	151 AA7G CU2AP DK2OY EI9JF	
161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY K1USA				

W7HPW	K3VAT	WB8ZRV	OH6NIO	137
WB8B	K4OY	WD9DZV	ON7DR	EA1YO
WD5K	K8BL		UN1L	GM3YOR
YO3DDZ	KF6HI	142	VE6SV	HB9CQK
148	KR0P	I5HOR	W0SEI	IZ2FOS
DK2CC	N1CGP	JA2ATE	W4NU	JA3APU
F5CQ	N4GG	JH0BQX	W7IV	K2QMF
F5LVL	N6PSE	JR7WFC	W8LWU	K8NS
F5PAC	NA5C	K3PP	WO2T	RA3CO
G4FTC	RT0F	K4WZ	YL2MU	RG7G
JH1QDB	SM3DTR	K6EME	YO9FNP	UU1JA
K5VWW	144	KK1W	139	W1ITU
LA6OP	CU3EQ	LA9VFA	DF7EE	W5ODD
N2WB	DL5CW	MM0SAJ	DJ4XA	WB5JID
N5XZ	DL5KUA	N7QT	DL5EBE	136
NE3F	E70T	NA4D	DL8OH	E72U
W5FKX	EI6IZ	NQ7R	DS1JFY	ER0FEO
W9JJB	GM3ITN	OK1DO	JA1TMG	HB9IQB
147	HB9BYQ	W2OO	K3ANS	IK8CNT
EA3GP	I5MXX	W5LUA	K6AM	JH4HMG
IV3VBM	IT9GSF	W5VQ	K8GI	K0TV
JA1XQC	IV3DXW	WA5POK	K8RF	K4ZO
JN1BMX	IZ4GWE	141	KA8SYV	K7TM
K7HP	JA3GN	AC9S	KU0A	KR6C
K8UT	JE1FQV	DL5MHQ	LA8WG	NA5DX
KM1H	K0VSH	EW1BA	OK1MP*	OK1DW
N1IBM	KJ9C	HB9FMT	SM5CBM	SM5OJH
PC3T	LA9GX	JA1PTJ	SV8ZC	SP2BMX
W1OP	N1IX	JA9RRH	W0SD	UT3UZ
W2KKZ	N3KK	JH1HHC	WA8WV	UW8SM
146	OH1JP	JH4JNG	138	W2OIB
EU4A	SM4OLL	JJ1DCW	DK8MCT	WB7QXU
JA1HQG	SM5CLE	JL1UXH	DK8YY	135
JA4DHN	W4GE	JR2LJO	EI9FBB	5B4MF
JA5XAE	W5ADD	K2RW	F6DDR	DJ9ZB
JH1GNU	W7ZI	N8OC	HB9RYZ	F6FXU
K1CA	W8RLS	NJ3K	IK8EPC	IK8GYS
K5KV	WC5M	OE6VIE	JA3OOK	IU0HDC
K5SM	WD5T	SV3FUO	JF3LOP	JA2KVD
K6NR	YO3CD	W2CG	JH7RXU	JA7LMZ
K7WP	143	W3BW	K1RO	JA8BNP
N7BT	DL1DUO	W4JVN	K2RET	JA8JL
RU0SN	DL6EN	W4VIC	KJ6P	K1ZE
W1IZL	HS0ZEE	W4WT	LB5WB	K4ZRJ
W1ZT	IT9BLB	W8GNM	ON6AA	K7FL
145	K7CMZ	W8HW	OZ8X	K7XB
AF4HX	K7CW	ZS1C	RW4CY	NZ9R
HI3T	N2RJ	140	UN7JID	R7LP
IZ0RVI	N2WM	9A1CAL	V51B	RN3RQ
JE6TSP	N5UW	JA4OK	W1GD	SM3LGO
JJ3HGJ	N6PAT	K5WK	W2YE	SM5CZK
JK1AJX	NN4R	K6KLY	W4YV	SP3XR
K1OA	W0IZ	KF8DX	W7OM	SV5DKL
	W6QUV	N4XP		W1DIG
	WB8CQV			W1EQ

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
IK3VBB	IK3XJP	N5KM	K4XU	VE1DUN
IT9RDG	JA2FBC	OH1ZK	N8NA	W2JU
JA6CBG	JG1DUZ	OZ1IKY	OE3SGU	W2RIJ
K6YUI	J14POR	R9SG	OK3CQD	W3FM
K9ZM	K2MYR	S53X	PA5TT	W6CYX

WB8K	VE6AX	KA8ZPE	WC2K	N8AA
123	VK4CAG	N4BAF	XE1RCS	N8XI
AC4TO	W2TB	N4LR	118	NY4G
DL7JRD	WA3I	N4TB	5T5PA	OZ5HP
F4GTB	WA7BNG	N4UFP	AB2E	SM7BIC
G4WFO	121	N8PW	DL5OCE	SP8HKT
G5LP	AA6RR	OE3EVA	JA4FHE	UA6J
HB0WR	AA8CH	OZ2A	J18DGO	UB3A
IK2CHZ	DF1DB	PZ5RA	JN7DOS	UR9IDX
JA0CRG	DK1EI	RL3BZ	K3WGR	US1CT
JA1SJV	DK6CQ	SP7ITB	K4CNW	W4ZRZ
JA3MHA	EI2GLB	SV1IW	K5XM	W6SL
JA6WJL	HB9DHG	UR5IKN	K7PI	W8ZR
J14WAO	IT9AAI	US0YA	K8LN	WA2USA
JK1EXO	JA2HYD	W0RX	K8WVA	116
JR1EBE	KA2HRQ	W2YR	K9GWH	AJ4F
K2PK	KG9Z	W3OA	KD2T	DL7URH
K3XO	N0OK	W4PRO	KD6UO	EA5BRE
K4ZIN	N1JP	W6RFL	KG8CW	HA7PF
K5GH	N3ND	W7RN	KV4AA	IK0EIE
K7UT	N4TL	WP3R	LZ2HM	IK2OHG
K9CS	N6HC	ZL4AS	N2MM	IT9TQH
KV4T	SV1AHX	119	N4DJ	IV3HYD
N2ED	SV1FKZ	AA3AZ	N6MB	JA1WTI
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N6MZ	UT4EO	AE3T	RN3TT	JH3GCN
N9JV	UU2JQ	AJ4A	SV9COL	K1DC
N9LQ	VA3AYA	DK3GG	TA2RC	K1RI
NA2P	W0QQ	DL9OBY	W1KSZ	K9FN
NA9RB	W2GG	EW4M	W4DAO	KT1V
S50B	W3RJW	G4DJJ	W4NJ	KV1J
UA3DK	W6XI	HB9AAQ	W5JMW	NA9Q
UR9QQ	W9XX	HB9BCI	W9FI	OZ1LCG
UT3QU	W9YE	I2TZK	WX3P	PA0JSE
W1AO	WA1PMA	I4MKN	YO4AUL	RV3ID
W4NF	WT4Q	IU0LFQ	117	TZ4AM
W8NJR	WY1G	JA3AZD	9Y4VU	UA4PCM
XE1H	XE1VIC	JA4XGC	AE0P	W1ENE
122	120	JE2JMV	BH4IGO	W1WEF
BA4RF	9A5F	JH6CDI	DL1DWT	W7GG
G3NDC	AA5JF	K3FRK	G3PLP	W7OEV
JA1MRM	AL7TC	K5UZ	IT9DAA	W8LRO
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K1ESE	FG5FR	K8KWT	JA4FM	115
K1YT	HB9BLQ	K9SG	JA5FDJ	C6AGU
K2MP	IZ0LKV	N0KV	JA7GYP	CU2CE
K7ZA	IZ5NFD	N9UA	JA7IC	DL9GOA
LA7WCA	JA4EPE	NT2A	JM3GXU	G4XEE
LA8PT	JR3UIC	NY7T	JR2UBS	G8BCG
N3NR	JR6LLN	OH5NG	K2BB	G8DX
N9AW	K2BA	OK1DT	K3NF	HA5UK
NN7X	K2HK	R6FFB	K6PJ	HK3PJ
OZ3Y	K3QIA	SV1ACK	K8OOK	IW0HEX
RD4A	K5JC	VE3YF	K8QM	IZ7JVR
UU4JMG	K6FW	W4HZ	N4IR	JA2KNW
		W8FIB		

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JG3LGD	W4TUN	A92IO	DK2WH	JA7EPO
JH1RFM	WA1FCN	DJ1RL	DK6ED	JE2UFF
K0GD	WA4CEM	DK5RL	DL1HRN	JH1VHU
K0SD	WA8MCD	DL5CL	EV1R	K2BLA
K4CMS	WA9YYY	EA1JO	F6ECI	K3JRR
K4GHS	WN9O	EI8IU	G4DBN	K3PH
K4GK	XE3ARV	EW1DO	HL3GOB	K4WW
K8YTO		G3XGC	JA1AUD	K6MI
LY4T	113	HB9CEX	JA1FGB	K6VKO
N0IRM	9A1A	HB9CRV	JA1NCZ	KB4MRX
N4OA	DJ5DT	HB9G	JE8TGI	KC2STA
N5BO	DJ9RR	IK2ANI	JF2WGN	N2CG
N8KOL	DL8CM	IU8FRE	K0FLY	N3HBX
OH8LXT	DL8DYL	IZ4DIW	K5WAF	N3IQ
PA3AXU	G4AFJ	JA1SXR	K7ORK	N3JB
RZ6MJ	HB9EFK	JA4BXL	K9AJ	N4KE
UA1ANA	JA0GCI	JA7BXS	KM1R	NC6K
UA1CGS	JA4ITW	JR7TEQ	KP4AA	NK7C
UA6XT	JH1ORA	K0JPL	KZ0X	NY4I
UN6T	K0TPP	K1EDG	LA0CX	RD9M
W4UCK	K8SL	K1EO	N4WJ	SM5BHW
W5VY	KA4RRU	K1KO	N7BD	SV1VS
YL2CZ	KH6DX	K4UAS	N9HF	UA3O
	KI0G	K8CC	NA1DX	US7MM
114	KT1J	KB2FCV	UR6QA	W0UY
AB4GE	N6PE	KI4DLS	VE6KC	W3XY
BA4DW	N7KO	KM1C	VE7CT	W4DC
BA7IO	N9ISN	LA8HGA	VE7UF	W4NE
CT3FN	NA3F	N5ZC	W0VHF	W5ZPA
CU3AK	NG0G	N6MA	W1FO	W6KK
DL6NB	NI5F	RU4SU	W4HOG	WL7E
F6CWA	NK5B	SM3DMP	W4OX	XE1FAS
G3SDL	NZ3M	SP9WZS	W5AQ	YU7AU
HP3TA	ON5UE	UA1ACG	W7VS	ZL3NW
I5OYY	R7NA	UA1CEI	W8KA	
IK7YZG	RA4UN	UT6UD	W8MIL	109
JA1OVD	RZ3AUL	VE7XF	W9RB	DF1KG
JA4KDT	SM5ARL	W1HEO	WA2BOT	EA3GHZ
JA5WIZ	SP3EPG	W2CVW	WA2MUA	EU4T
JH6WMJ	SV1JFV	W2SKI	WB4TDH	F8EZE
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K5RJ	W9DX	W9SE	DL1VDL	K5KA
KB8U	W9HBH	WA8OLN	EA5BYP	K5KPE
KZ4V	W9VNE	WT9U	F5BAR	K6MW
N1QY	WA4DOU	ZP6CW	G3LNS	KE1F
N2JJ	WB2HJV		G8AJM	KZ5DX
N3MN	WB2UFF	111	HC1BI	N1BZ
N4IQ	WS4C	9K2OD	I2BBJ	N2WLG
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UA3FT	ZL1BYZ	AF4OX	IK8UHA	N8NN
W0VX		CU3AN	IZ0CKJ	ND4V

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NX7U	W7ACD	W3KB	UR3CRO	N6NU
PY5CC	WA2ALY	W4MAY	UT7UU	N7DR
RW4UU	WA8MOA	W6TDX	UU5WW	ND3L
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RX3AGD	WC1M	W8VK	VQ9SS	OZ4AAL
TG9NX	WC6DX	W9CPV	W1CWU	PF7M
UB5ZAL	WD9EQU	WA0RVK	W2EQ	PJ2/K8ND
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VU2CPL		WB8ART	W2NO	R6YY
W5WP	107	WS1L	W3ICM	RA6AF
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WN0L	DJ8ES	YL1XZ	W5JAY	SP5JXK
YV3AGT	DK3FB	ZL3RJ	W5KI	UA6LCN
	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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IZ0BTV	IT9XTP	IK0ZIO	DJ6KH	WQ5W
IZ2EWR	JA5EY	IW3GJF	DL4ZAB	YU1NR
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JK1MZT	JH9DRL	JE6IGP	ES1GO	9M2AX
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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
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R7LA	OK3CQR	N8AID	KT2E	JF6WTY
RX6DX	R0FA	NA5Z	KX2A	JK1BSM
S57J	RN4AA	NI5M	LZ1JZ	JO1WXO
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KA2BZS	EU6MM	W4MZ	SP5MXZ	K0LW
KH6KG/W5	EW3LB	W5THT	T77V	K1YR
KI0KB	G3BDQ	W5VU	UA1AIR	K2BX
KW0A	G4AAW	W6SZN	UA1CKC	K2TER
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PA0GMM	K4LQ	EI6GF	W7IUV	KE4S
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RU3UR	K7BTW	F6BWO	WA1S	KN6J
RZ6DX	K8CCV	FM5WD	WD8DSB	KQ1F
RZ6LB	K9MUG	HB9AHL	WS4Y	KS4XQ
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US5CAO	KM9E	JA8OW	101	N5AQ
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UX4UM	N1HOQ	K2LP	AA4NU	NE1F
UY0MM	N9BBQ	K2TK	AC2AC	NX2X
VE3VHB	NU1T	K3KG	AC5O	OA4TT
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	UA3PFN	OH2EA	HB9NL	RY6M
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AG1I	UT2AB	OK1JDX	IV3KCB	SM7NDX
AI3Q	VA2ZO	OK3CSQ	JA1VVX	SP7JLH
DJ1MM	VA3IC	PA7TWO	JA2VMU	SV1PL
DJ3GZ	VE3EDY	PV8ABC	JA6TMU	UA0FDX

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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	
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W2SF	JF3DRI	ON9CC	
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AB4VV	KD8BZY	UR4LRG	
AC4VM	KP4N	UR8IDX	
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DJ6OI	LA8W	VE3OAT	
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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	
FM5GU	N4ZR	W4OV	
G0VXE	N7DED	W5BK	
G3OIL	N7TK	W7DT	
G4CGG	N8IL	W7JET	
GM3ZSP	N8NB	W8CNL	
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IK0HFO	N9ADG	W8GDQ	
IK4MSV	NA6O	WB4SON	