

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 May 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 W5IZ	YU1FW
341 EA8AK	324 K2TQC K4PI OH2BO S50A W1NG	314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR	308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM3YTS
340 K1ZM	323 EY8MM SP5EWY	313 GM3POI OE3GCU OG2M OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK SV8JE
339 W4DR W4ZV	322 UX0UN W3UR	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR VA3EF
335 OH2BU	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS NN4T UA6A	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
334 N4WW	320 K8MFO SM4HCM W8UVZ	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	304 CT1EEB DJ0MDR SM3GSK	298 9A2AJ IK2DFZ OE6IMD OZ3PZ SM5CEU
333 R7LV	319 N0XA SM4CAN		303 F5LGE GM0GAV JA1BK JA4LKB K1UO RU3DX	297 DK5PR
332 UR0MC	318 4X4DK UT5UGR W9ZR			
331 K5UR LZ2DF	317 W3LPL			
330 AA1K HA0DU OH1XX UT7QF	316 W2VO			
329 K3UL UA4HBW				
328 R4GM UA4CC				

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 DF3GY 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 KX4R LA5IIA N3NT W2SM W3AP
291 9A7V 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	UA1OMS	246	JA5MHD	OK1CF
260	W0YG	DJ2TI	K0JUH	R7DX
EA5BM	252	F2JD	K1FZ	VE3XN
K1LT	EA1DR	JF8QNF	K1ZG	WA7NS
K4DY	IV3YYK	N6TR	K9OT	234
259	JA2VPO	TF4M	KA9CFD	AJ6T
DF4PL	JF2MBF	W2TQC	LA2XPA	IZ8FFA
F6GCP	JG3QZN	W5XZ	UR5MID	JA0FSB
G3ZSS	JQ3DUE	245	VO1NA	K1AR
I1FQH	ON4AOI	DL4CF	239	K4UTE
R9FM	PA4VHF	JA1GV	JR3GWZ	KF0QR
258	R5DT	K2FF	K0KT	NV9L
KW9A	S52F	N9US	K1HTV	PY1BVY
N5KD	W3UM	RL9F	KH6AT	S51DI
RN3CT	251	RY7G	LY3UM	233
VE3QAA	DJ7RD	W9XY	RN3QN	K0CS
257	DL9RT	244	RU3QR	K2UU
K1GUN	I1EIS	AG9S	SV1ELF	KA7T
N8TR	JH0BBE	DK6WL	SV1RK	SK3PY
W9YSX	K9NW	F6BLP	SV8CKM	UA4HAU
256	N4II	IK0XBX	238	VA2WA
9A5CY	PY2RO	JA1HGY	DL8WN	W1TC
JA5BZL	W5UN	JA7QVI	EA6ET	W7AO
JH1GZE	W7LR	ON4IQ	IK0XEZ	232
K1QX	250	243	JA0DAI	DJ5FI
K5VRX	HB9RG	DK2JX	K1DG	JA8EAT
K8FL	NQ1K	DK3DG	RA0FF	JG1ULJ
PA7MM	OZ8BZ	IK0MHR	VO1HP	JH1HGC
W1TSP	249	ON4ATW	W3LL	K2AZ
W3DF	AB3CV	S57A	237	K4XL
255	AI9L	W9RPM	DL7MAE	NI6T
IV3ODE	JR3IIR	WX4G	NI0G	UA3AP
K4QL	SP5DRH	242	OM4EX	231
KY7M	248	EA4KD	UR5EDX	4X4NJ
N2MF	K3WW	KG7H	236	HA9RE
R5AJ	K5RX	241	AB4I	IK0YUT
UX0FF	K9RX	JA0CRI	AC4G	N6AR
VK4MA	N2NL	JA1SYY	K1JO	N7NG
W3KX	SM3VAC	JA3EMU	K9NR	ON4ACG
W5OZI	SV8GFW	K5ZK	K9ZO	W9IXX
254	T77C	N4XM	KC7V	230
N0AT	UT9FJ	N5TY	OK2ZI	DF6PB
OM3DX	W9NGA	N7RT	OZ4O	FK8CP
WA4FFW	247	OE2LCM	SP8AJK	JA1CMD
253	K0IEA	OK1DWJ	YO9HP	KD0Q
5B4AGN	K6XT	SP5GRM	235	N8JV
AA1QD	NN4X	UA3TT	CX6VM	SM3NXS
K5ESW	NO2R	VE1YX	EA6VQ	W4GF
S58Q	R7IA	VE3NH	JH4ADV	W4VQ
	WB3AVN	240	K3SWZ	WA7NB
		G8VR	K5EK	
			N6DX	

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 MM0EAX N0AV N8BM SP5INQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA LA7JO 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 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 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	DL1EJA F4BKV JF1PUW JO7WXN K3HP N4QS W5TCX	UA0SC UT5EL W0FS	N9EN PA0LOU RN1ON SM7GIB UA0CA W9MU WA2VYA	AB4IQ CT1FMX JA1KQX K0BBC KB0EO KB1EFS KE9ET N8LJ RM0F W6SR W8JV WA3C WA6YEE
204 DJ5AV EA5KA IK7NXM JA9NFO K3LR K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U WI8A	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 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 K6GXO N4DW W1TO YO2DFA	195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP	191 JA1ANR K0JGH K8FC K9LA RK2FWA	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	197 G3SNN I5KKW IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA	193 DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW JA0EOK JA1XEC K4ODL N5LZ	189 9A2F EA8PP FM5CD JA0VSH SP7HOV UA7T	184 HA5WA I2AOX JA2ZL JF1NZW K4HGX K5KLA

KB4ET S57AC US8UA W2YJ	N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	N7IR N7XR PE1L SP1MGM TF3SG VE3FF WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU LA5LJA N0RN N4OGW N7RO N9RC RA3DNC SV1LK UN9L	N4QQ N8BJQ PA7F SP5GH W4SVO W6VX W8OI WA0MHJ WA5YNB
183 CT3MD IT9INO K4CN K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR LA0FA NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K0TT K1KI K2KA K3AJ K4TR K4WS OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ KI5BLU N4PY SP3GTS SV3KH W3IP W9EVI WA3AFS WP4U	167 DK5AD JA6VQA K4XD K6KO K8NK K9MBQ N0IJ N3BNA PA3C RA1AOB RN9N S51EC VE6WQ W1YW WA4LOX WC5N
182 DJ9ON DK3UA HK3W JA1SHE K8RRT UR3EO W1YM	177 9H1SP AE5E CT1GFK IK4ADE K3WC K9NU SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JA9TWN K1NTR K4XR K9YC KA1J N5FG PY5EW W8HC	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N1EN N4XX N7US UT8MM UY5AA W6RW W7Yaq WA9PIE WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4ZYU OH2BLD RM3DA W0DJC W1RR W8ILC WA8TXT
181 DK3WW JA3ENN JN4MMO K2EP LZ2ZG N3OC VE3OSZ W9AJ	176 CT1FPQ EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK OK1DWC RL3FA SM5FUG W4BP W4GD YO7NE	172 EA7TV G0BLB G3NKC IZ5MOQ JA3FGJ JG0CQK JG3IWL K0DEQ K1BD K6FG KJ0M W3JX W4FQT WC4X	168 G3MXJ IK2EGL JE7JDL JF2UPM K5QY K8RYU KR4F	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB
180 DM2DXA DM3VL EA8JF JA2BDR JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W7BEM W8TN	175 JA1CHN JA9NLE JS3CTQ K4DLI K5GKC			
179 IT9ELD IW0SAF JR7BDQ K8WK				

N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	LB2TB N4GN OH6RA VK3HJ YU2TW	W2XL W3GQ W4QN	HB9BUN JA8NFV JR3OEH K0KVR N7WS NX8Y W1NA W2XI W5DNT WB0TEV WS7L YS1RR	HB9SLO IZ3ENH JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7RH WA1Z WA2BCK WP4G
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	157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JE2DZC JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ YV2IF	153 AA6AA AJ9C DL3ZA G3TJW HL2CFY JF1IRW JR9OPJ K7SP K8VFX KR2Q N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA2NQG K0RS K5TR K7LV K8AJS KD0PO KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W6DAO W7CT
163 9A2JK DJ9HX 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	149 DL7CX HB9HFN IK4FNF JA1SVP JL1ARF K3RA K3TN K4YYL K8ME K8ROX K9MK R8TX SM6CUK UW7UA W0GG W2/CT1GIF W7HPW
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	

WB8B	K1OA	IT9BLB	W7IV	IZ2FOS
WD5K	K3VAT	JR7WFC	W8GNM	JA3APU
WS5W	K4OY	K3PP	W8LWU	JA4OK
WW2DX	K8BL	K4WZ	WO2T	JH4JNG
YO3DDZ	KF6HI	KK1W	YL2MU	K2QMF
148	N1CGP	LA9VFA	YO9FNP	K6EME
CT1FCX	N4GG	MM0SAJ	139	K8NS
DK2CC	N5XZ	N7QT	DF7EE	LA9GX
F5CQ	NA5C	NA4D	DJ4XA	RA3CO
F5LVL	RT0F	NQ7R	DL5EBE	RG7G
JH1QDB	SM3DTR	NY2NY	DL8OH	UU1JA
K5VWW	144	OK1DO	JA1TMG	W1ITU
LA6OP	CU3EQ	W2OO	JH0BQX	W5ODD
N2WB	DL5CW	W5ADD	J11DCW	WB5JID
NE3F	DL5KUA	W5LUA	K3ANS	136
W5FKX	E70T	W5VQ	K6AM	E72U
W9JJB	EI6IZ	WA5POK	K8GI	ER0FEO
147	GM3ITN	WB8CQV	K8RF	HB9IQB
EA3GP	HB9BYQ	141	KA8SYV	HB9RYZ
F5PAC	I5MXX	AC9S	KU0A	IK8CNT
IV3VBM	IT9GSF	DL5MHQ	LA8WG	JH4HMG
JA1XQC	IV3DXW	EW1BA	OK1MP*	K0TV
K7HP	IZ4GWE	HB9FMT	OK2QA	K4ZO
K8UT	JA3GN	JA1PTJ	SM5CBM	K7TM
KM1H	JE1FQV	JA2ATE	SV8ZC	KR6C
N1IBM	K0VSH	JA9RRH	W0SD	N2ZN
PC3T	N1IX	JH1HHC	WA8WV	OK1DW
W1OP	N3KK	JL1UXH	138	SM5OJH
W2KKZ	SM4OLL	K2RW	DK8MCT	SP2BMX
146	SM5CLE	N8OC	DK8YY	UT3UZ
EU4A	W4GE	NJ3K	EI9FBB	UW8SM
G4FTC	W7ZI	OE6VIE	F6DDR	W2OIB
JA1HQG	W8RLS	SV3FUO	IK8EPC	WB7QXU
JA4DHN	WC5M	W2CG	JA3OOK	135
JA5XAE	WD5T	W3BW	JF3LOP	5B4MF
JH1GNU	YO3CD	W4JVN	JH7RXU	DJ9ZB
K1CA	143	W4VIC	K1RO	F6FXU
K5KV	DL1DUO	W4WT	K2RET	IK8GYS
K5SM	DL6EN	W8HW	KJ6P	IU0HDC
K6NR	HS0ZEE	ZS1C	LB5WB	JA7LMZ
K7WP	K7CMZ	140	ON6AA	JA8BNP
N7BT	K7CW	9A1CAL	OZ8X	JA8JL
RU0SN	KJ9C	DF2RG	RW4CY	K1ZE
W1IZL	N2RJ	JR2LJO	UN7JID	K4ZRJ
W1ZT	N2WM	K5WK	V51B	K7FL
145	N5UW	K6KLY	W1GD	K7XB
AF4HX	N6PAT	KF8DX	W2YE	NZ9R
HI3T	NN4R	N4XP	W4YV	OH1JP
I0JBL	W0IZ	N6PSE	W7OM	R7LP
JE6TSP	W6QUV	OH6NIO	137	RN3RQ
JJ3HGJ	WB8ZRV	ON7DR	DS1JFY	SM3LGO
JK1AJX	WD9DZV	UN1L	EA1YO	SM5CZK
JN1BMX	142	VE6SV	GM3YOR	SP3XR
	I5HOR	W0SEI	IZ0RVI	W1DIG
		W4NU		W1EQ

W2GD W4BUW W4MBD W4RFZ W6JTI WE4S	K9ZM N6HY ON4CAS OZ2RH SM4BZH SM6BGG SP6M VE3CRG W4AXL W4RBO W4WM W5SL W6DR W7AH W7CD W9FR WB3D XE2S	NA4EA NO9E OZ2ABI R3VA R5QA R9AB RU1AO SP6JIU TA1CM VE3DO W2MPK W9ZT	ZS1A ZS6UT	YU1EXY
134 CT3HF IK4DCS JA7LGE K1TO K3OX KX4TT N9MR* N9RS NA5DX OE1TKW PY5HOT RG6G RX4HW SM0BYD UA0ACG W4JKC YU1AM	131 DK7YY G3UHU HS1NGR IV3KFB JA0AOO JA2TBS JJ1TEA JM1FHL K1UU K5VIP KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT N6RK ON4ON R0SR R9MJ R9SA W8DCH	129 HA1RB HB9AZZ JA1NWD JA8JO JI4POR K3NK K4TT K6XM N0YY N3KS N3RR PY5EG W0YVA W7QHE W8MET	127 CT3KN HK1MW JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JS2LHI K0RW K3TRM KM3T KM4NS N1AC N1GC OE8HIK S51NM SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3MF	125 9A1AD AG1A GW3TMP HK4SAN IK5DNF JA4IYL JA6VU JE1TSD JE6UWU JF2WXS JH4ADK JL1RUC K1HAP K5KG K8DV KA6BIM KI4WCQ LZ1XL N2KA N3EN N4JT N9RD ND5S NW6S OE1AZS OE3SGU RA0BA UU7JM VE3UTT W5DAW W8LMG W9CG* YO2RR
133 9K2NO EU1U HB9CQK IZ8DFO JA7GLB JA9AGN JR7FRW K1ZN K2CDJ KS4YT KU2A OE1KM RA5BM RV4LC SV5DKL UQ2PZ VE3WT W0NFL W2QO W5AJ	130 DF9ZW E73M EI2JD G7VJR HK0HEU JA2FBC JG1DUZ K2MYR K6SIK K7LFY K8BCK K9GL	128 AA4SC DM2RM IT9ZZO JA2AHH JA2KSP JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW N5KM OH1ZK OZ1IKY R9SG S53X S55DX SM3GQP SV3DCX VQ9LA W2WC W4IS W6RKC	126 DJ8WD DL9FCY F8BPN G4IUF IZ7EVZ JA1XCZ JA7KY JH3CUL JJ1DWT JN1RQV K2ZD K4JKB K4XU LB7ZG N8NA OK3CQD PA3EWP PA5TT VE3CX VE7BV W8MK W8REW W9ILY WB0O WB2REM WD4LBR XE1KK	124 AA7XT IK3VBB JI1DHY KD4POJ NA2U PA0TCA UA0BA VA7CRZ VE1DUN W2JU W2RIJ W3FM W6CYX
132 AA4NC AB9M AD6W IT9RDG JA2KVD JA6CBG JR6FC K6YUI				123 AB1OC AC4TO DL7JRD F4GTB

G4WFQ	121	RL3BZ	K4CNW	W8ZR
G5LP	AA6RR	SP7ITB	K7PI	WA2USA
HB0WR	DF1DB	SV1IW	K8LN	WC2K
IK2CHZ	DK1EI	UR5IKN	K8WVA	116
IK3XJP	DK6CQ	UR9QQ	K9DR	AA8CH
JA0CRG	HB9DHG	US0YA	KD2T	AJ4F
JA1SJV	IK2SGB	W2YR	KD6UO	DL7URH
JA3MHA	JA2HYD	W3OA	KG8CW	EA5BRE
JA6WJL	J14WAO	W4PRO	KV4AA	HA7PF
JK1EXO	KD8RQE	W6RFL	LZ2HM	IK0EIE
JR1EBE	KG9Z	W7RN	N2MM	IK2OHG
K2PK	N0OK	ZL4AS	N4DJ	IT9TQH
K3XO	N1JP	119	PY2PA	IV3HYD
K4ZIN	N3ND	AA3AZ	RN3TT	JA1WTI
K5GH	N6HC	AA4DD	SV9COL	K1DC
K7UT	SV1AHX	AE3T	TA2RC	K1RI
K9CS	UQ1GWW	AJ4A	VK4CAG	KT1V
KV4T	UT4EO	DK3GG	W1KSZ	KV1J
N2ED	UU2JQ	EW4M	W4DAO	PA0JSE
N4DWK	VA3AYA	G4DJJ	W4NJ	RV3ID
N6MZ	W0QQ	HB9AAQ	W5JMW	TZ4AM
N9JV	W2GG	HB9BCI	W9FI	UA4PCM
N9LQ	W3RJW	I2TZK	YO4AUL	W1ENE
NA2P	W6XI	I4MKN	117	W1WEF
NA9RB	W9XX	IU0LFQ	9Y4VU	W7GG
S50B	W9YE	JA3AZD	AE0P	W7OEV
UA3DK	WA1PMA	JA4XGC	BH4IGO	W8LRO
UT3QU	WY1G	JE2JMV	DL1DWT	WP3R
W1AO	XE1VIC	JH6CDI	IT9AAI	WQ5L
W4NF	120	K5UZ	IT9DAA	115
W8NJR	9A5F	K7EG	JA1HQT	AA5JF
WB8K	AC9EM	K8KWT	JA4FM	C6AGU
WV4TN	AL7TC	K9SG	JA7GYP	CU2CE
XE1H	DL2VWR	N0KV	JA7IC	DL9GOA
122	EI2GLB	N8PW	JM3GXU	G4XEE
BA4RF	FG5FR	N9UA	JR2UBS	G8BCG
G3NDC	HB9BLQ	NT2A	K1BZ	G8DX
JA1MRM	IZ0LKV	NY7T	K2BB	HA5UK
JH1AGU	IZ5NFD	OH5NG	K6PJ	HK3PJ
K1ESE	JR3UIC	OK1DT	K8OOK	IZ7JVR
K1YT	JR6LLN	R6FFB	K8QM	JA2KNW
K2MP	K2BA	SV1ACK	N2BJ	JA3NHL
K7ZA	K2HK	W0RX	N4IR	JA5FDJ
KR0P	K3QIA	W4HZ	N6MB	JG3LGD
LA7WCA	K5JC	W8FIB	N8AA	JH1RFM
LA8PT	K6FW	WT4Q	N8XI	K0GD
N9AW	KA8ZPE	XE1RCS	NY4G	K0SD
NN7X	N3NR	118	SM7BIC	K4CMS
OZ3Y	N4BAF	5T5PA	SP8HKT	K4GHS
RD4A	N4LR	AB2E	UA6J	K4GK
UU4JMG	N4TB	DL5OCE	UB3A	K5XM
VE6AX	N4TL	JA4FHE	UR9IDX	K8YTO
W2TB	N4UFP	J18DGO	US1CT	KO8SCA
WA3I	OE3EVA	K3FRK	VE3YF	LY4T
WA7BNG	OZ2A	K3WGR	W4ZRZ	N0IRM
	PZ5RA		W6SL	

N4OA	JA0GCI	HB9G	JA1FGB	K4WW
N5BO	JA1OVD	IK2ANI	JA1NCZ	K6MI
N8KOL	JA4ITW	IU8FRE	JE2EHP	K6VKO
PA3AXU	JH1ORA	IZ4DIW	JE8TGI	KB4MRX
RZ6MJ	JH3GCN	JA1SXR	JF2WGN	KC2STA
UA1ANA	K0TPP	JA4BXL	K5WAF	LZ1PM
UA1CGS	K5CD	JA7BXS	K7ORK	N2CG
UA6XT	K8SL	JR7TEQ	K9AJ	N3HBX
UN6T	K9FN	K0JPL	KM1R	N3IQ
W4UCK	K9GWH	K1EDG	KZ0X	N3JB
YL2CZ	KA4RRU	K1KO	LA0CX	N4KE
	KH6DX	K2HAT	N4WJ	NC6K
114	KI0G	K4UAS	N7BD	NK7C
BA4DW	KT1J	K8CC	N9HF	NY4I
BA7IO	N7KO	KB2FCV	NA1DX	OZ1LCG
CT3FN	N9ISN	KI4DLS	UR6QA	RD9M
CU3AK	NA3F	KM1C	UT1UY	SM5BHW
DL6NB	NG0G	LA8HGA	VE6KC	SP9WZS
F6CWA	NI5F	N5ZC	VE7CT	SV1VS
G3SDL	NK5B	N6MA	VE7UF	UA3O
HP3TA	ON5UE	N6PE	W0VHF	US7MM
I5OYY	R7NA	NA9Q	W1FO	W0UY
IK7YZG	RA4UN	RU4SU	W3FOX	W3XY
IW0HEX	RZ3AUL	SM3DMP	W4HOG	W4DC
JA4KDT	SM5ARL	UA1ACG	W4OX	W4NE
JA5WIZ	SP3EPG	UA1CEI	W5AQ	W5ZPA
JH6WMJ	SV1FKZ	UT6UD	W7VS	W6KK
K1RV	SV1JFV	VE7XF	W8KA	WL7E
K2DC	SV2AVP	W1HEO	W8MIL	XE1FAS
K3MD	UN7TW	W2CVW	W9RB	YU7AU
K3NF	VE3KI	W2SKI	WA2BOT	ZL3NW
K3OSX	W2GW	W3MR	WA2MUA	
K5RJ	W6BK	W3UL	WB4TDH	109
KB8U	W8FAX	W4VHF	WB9EEE	DF1KG
KZ4V	W9DX	W5VX	YL3DQ	EA3GHZ
N1QY	W9HBH	W6TC	YO6HOY	EU4T
N2JJ	W9VNE	W8GEX		F8EZE
N3MN	WA4DOU	W8HMK	110	G3SVD
N4IQ	WB2HJV	W9SE	BA4MY	J68HZ
NU8Z	WB2UFF	WA8OLN	DG7RO	JA2CXF
UA3FT	WS4C	WT9U	DL1VDL	K2ONP
W0VX	WX3P	ZP6CW	EA5BYP	K4RDU
W4TUN	XE1RBV		F5BAR	K5FZ
W5VY	ZL1BYZ	111	G3LNS	K5KA
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WA8MCD	112	AB4GE	HC1BI	K6MW
WA9YYY	A92IO	AF4OX	I2BBJ	KE1F
WN9O	DJ1RL	CU3AN	IK5RUN	KZ5DX
XE3ARV	DK5RL	DK2WH	IK8UHA	N1BZ
	DL5CL	DK6ED	IZ0CKJ	N7TY
113	EA1JO	DL1HRN	JA7EPO	N8NN
9A1A	EI8IU	EV1R	JE2UFF	ND4V
DJ5DT	EW1DO	F6ECI	JH1VHU	NN4RR
DJ9RR	G3XGC	G3PLP	K1EO	NU4I
DL8CM	HB9CEX	G4DBN	K2BLA	NX7U
DL8DYL	HB9CRV	HL3GOB	K3JRR	PY5CC
G4AFJ	HB9EFK	JA1AUD	K3PH	RW4UU

RW9QA	WC1M	ZL3RJ	W2NO	SP5JXK
RX3AGD	WC6DX		W3ICM	UA6LCN
TG9NX	WD9EQU	106	W4IR	UR1RWX
UB5ZAL	WW1WW	AA4FL	W5JAY	UR2RGN
UT7KF		AE2U	W8OP	VE1PZ
VU2CPL	107	DJ6OZ	WA4MYO	VR2MY
W5WP	4Z5LA	DL1QQ	WA6TLA	VY2ZM
WB5TUF	DJ8ES	DL2NOM	YL2GN	W1LE
WN0L	DK3FB	DL3JSW	YU3EF	W1LY
YV3AGT	DL2CHN	DL6JZ		W4OWY
	DL5XU	EA3CCN	105	W5KI
108	DO4DXA	HA8DZ	DF2PI	W6FF
AI2Q	EA5AT	IK0ZIO	DF8AA	WQ5W
AL7R	EA7QW	IW3GJF	DJ3XD	YU1NR
DL6CNG	FG8OJ	JA1VLK	DJ6KH	
ER1LW	G4AKY	JA2MNB	DL4ZAB	104
G3VAO	G4RGK	JE6IGP	DL6XK	9K2OD
HB9BAT	HI8R	JG3HBO	DO1CTL	9M2AX
HB9FAN	I5IHE	JG5RVQ	ES1GO	AD1C
IK0PRG	IT9XTP	JH2KKW	G3YUV	AG4Q
IZ0BTV	JA5EY	JH6PFY	HA8FW	AH0U
IZ2EWR	JA8JTH	JJ0NCC	JA1BWA	CP8HD
JA2MOG	JH9DRL	JR0EQQ	JA1TAA	CX3CE
JJ2PIK	K0MD	K0DEW	JA4EVN	DK3BK
JK1MZT	K3SW	K1PX	JA6VA	DL4FAP
K1EP	K3YBN	K4DSE	JA7BME	DL7UPN
K1XM	K8LBT	K4SAF	JA8RRF	E73D
K2CJ	K8ZR	K5AM	JA9APM	EA8ZS
K2KQ	KE2R	K5ZQ	JF1RYU	EI9E
K2MK	KZ1W	K8JJC	JO4CFV	F6AJA
K4WY	N2RR	KB9DAK	JR1BAS	F8GB
K4YJ	N3DAP	KK8X	K1DJ	G3BRD
K6UT	N4RF	KK9H	K2XF	HB9CIP
K8OM	N6EE	KP4AA	K4MS	HK3O
KM8AM	N8AGU	KQ3F	K5AV	IK0DWN
KN4JX	NA5Q	N0JZ	K7OX	JA1SDV
LU2DKT	OE1CP	N2CW	K7PO	JA2FGL
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N9TF	R0FA	N3XM	KT2E	JK1BSM
NU4Y	RN4AA	N8AID	KX2A	JO1WXO
PA0ZH	RV6ARZ	NA5Z	LZ1JZ	K0WK
R5FY	SP3BQD	NI5M	N2DPF	K1BG
R7LA	SP6AXW	NS3L	N4JI	K3FM
RX6DX	US5CB	OE5CSP	N4NW	K4KEW
S57J	VE3OI	OH2OT	N4PL	K4MF
SM6AOU	VK3NX	OK1AYU	N4SC	K4VIG
UX7UN	W3KB	OK2BVG	N4VN	K5HK
UZ6LWZ	W6TDX	S57AL	N6NU	K6UM
W2UB	W8IW	UR3CRO	ON7PQ	K7TJR
W3NRJ	W8VK	UT7UU	OZ4AAL	K9EA
W4ZYT	W9CPV	UU5WW	PF7M	KA2BZS
W7ACD	WB6CJT	V73AZ	PJ2/K8ND	KH6KG/W5
WA2ALY	WB8ART	VQ9SS	PY2DS	KI0KB
WA4CEM	WS1L	W1CWU	R6YY	KW0A
WA8MOA	XE2YWH	W2EQ	RA6AF	LZ2XF
WB8BZK	YL1XZ	W2LE	RD4WM	N3ER

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N4GU	JA2GQO	A6/RV6LNA	UA6HOF	K4NNX
N4TTE	JA2OLJ	CT4BD	UA9MR	K5DNL
N6PF	JA3FHL	DK3QM	UA9UCO	K6AAW
N6WM	JA8EJO	DL3DXX	UW7CN	K6XJ
N8MZ	JH1DGQ	DL3NCR	VE2FYR	K7AR
N9DR	JM2RUV	DL4CW	W0JMP	K7IA
N9PGG	K0EOO	DL4KUG	W1MRH	K8BN
ND3L	K2UVV	DL5RDI	W1PV	K9JU
NJ9C	K4LQ	EA8AKN	W2LW	K9PG
NN3Q	K5JUC	EI4DQ	W2TX	KC4PX
RA1QX	K7BTW	EI6GF	W3EKT	KD3UY
RU3UR	K8CCV	ES5RW	W4ALF	KE1VT
RZ6DX	K9MUG	F6BWO	W5TO	KE4S
RZ6LB	K9XJ	FM5WD	W7IUUV	KF7NN
SM5CCE	KE1IU	HB9AHL	WA0IDK	KN6J
SM7CQY	KJ4R	I8LWL	WA1S	KQ1F
SO5AS	KJ7WY	IT9SFT	WD8DSB	KS4XQ
UA9FGJ	KM9E	IZ4MJP	WS4Y	LA2GV
US5CAO	LX1DA	JA0HXV	WW5G	LA6UL
UT4EK	N0RU	JA1JAT	YO2IS	LZ1XZ
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UX4UM	N9BBQ	JA8OW	101	N2AJ
UY0MM	N9SF	K0YN	AA2VG	N5AQ
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W0YBS	OH4UI	K2LP	AA4NU	N9JCS
W1QA	OK1DQT	K2TK	AC2AC	NE1F
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W7DR	RA4HT	K7UA	DL3ANK	OK3EY
WA0I	RK3QY	K8BHZ	DL5JS	OK4MM
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WA9ETW	SM3CBR	KN4KL	EA1WX	OZ5HP
YC0LOW	SM6EHY	KW4BY	EU1TT	PA4WM
YO5ODE	SM7BHH	KY6R	G3ZFC	RA3AH
	UA3PFN	LA3ANA	G4FJK	RA4P
103	US2WU	N5RZ	GM3WTA	RA4SD
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DJ1MM	VA3IC	OK1DTN	IV3KCB	RY6M
DJ3GZ	VE3EDY	OK1JDX	JA1VVX	SM2DMU
DJ7PI	VE3MFA	OK3CSQ	JA2VMU	SM7NDX
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EA7SG	W4AVY	R3IS	JH3HGH	UR7CQ
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W1GF	K0FLY	ON7EH	
W2SF	K0LB	ON7GB	
W3WH	K0XM	ON9CC	
W4BUE	K1NA	OZ1ZD	
W4PM	K1NZ	PA0INA	
W7AV	K1TZQ	PA7RA	
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W9ZCL	K4FT	RA4LW	
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WC4H	K4UQC	RN1A	
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WR2G	K8BZ	RU3GF	
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YV4DYJ	K9NZ	SV2DSJ	
	KB0EL	UA3AKI	
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9M6YBG	KC4D	UA6CEY	
A41ZZ	KC5LT	UN6P	
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AB4VV	KD9HL	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	US8UW	
DJ6OI	LA8W	VE1RGB	
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DL1TRK	LU5YF	VE7JKZ	
DL9GTB	LZ3YY	VP2VA	
DU7ET	MM0SJH	VR2PX	
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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	
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JA1CPU	NJ3I	WV9L	
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