

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 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	NN4T UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 IK4WMA K5RK N1DG OH3SR W2VO	310 I4AVG RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV SM3GSK	
340 K1ZM	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 I4EWH IK4MGP	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	297 DK5PR N4CC OM2XW W0FLS
334 N4WW	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA VA3EF	295 K3UA
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR W9ZR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW N4IS		294 DL1AMQ JH2FXK LA5HE N0TB
329 K3UL UA4HBW	318 4X4DK				

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	K4IQJ SP6AEG UW2ZM	267 LU8DPM RZ3DX	260 K1LT K4DY UT9FJ
293 JH4UYB S58T		280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU KF2O W6UB	266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD	259 DF4PL F6GCP G3ZSS I1FQH K8FL R9FM
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA K3SX N3SL PA0WRS UA3AB UR5WA 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	258 KW9A N2NL RN3CT VE3QAA
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ K5XI	278 DK0EE F6BEE JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV N3NT	257 JH1GZE K1GUN K9NW N4II N8TR W9YSX
290 UA3AKO UT1UY	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL F6AOJ HB9AMO IK5BAF K1ZZ OH3BU ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP	256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 G3LZQ N8RR N9IW OK1AWZ VE2Tzt	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY	255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU I2AOX IK4CIE K2UO	269 K6ND KD5M W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	254 AA1QD I1EIS N0AT OM3DX WA4FFW

253 5B4AGN IV3YYK JQ3DUE K5ESW S58Q UA1OMS W0YG	NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	KA9CFD N4XM N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	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	230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ	225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW
251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	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	229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ
250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	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	228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX
249 AI9L K9RX SP5DRH	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	237 DL7MAE IW1ARB NI0G OM4EX WA7NB	232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP	227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM
248 K3WW K5RX SM3VAC T77C W9NGA	242 EA4KD G8VR KG7H		231 4X4NJ	226 9A8A DL5WW JA6BZI JF2KOZ	
247 K0IEA K6XT NN4X	241 JA1SYY JA3EMU K5ZK				

221 JA2WYN JJ3PRT K4MWB K8SIX KV7K N6VR VE3LYC W1ZK W6JRY WS6X	UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ	UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	216 F6DAY JA9PPC K3JGJ N4PQX N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
219 IK3VUU JA2FBY JA2FJP LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	215 IZ8FWN JH0INP N7JW W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR ZL3IX	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ K5UO UT4MF W5PJR	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	205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	197 G3SNN JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X
217 DM5EE JH1IFS K5PC ON6YH	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT LA7HJA	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN		196 4Z4DX

AA4HP	WA2VYA	188	KB4ET	W8TN	SM5FUG
IK4PLW		AB4IQ	N9RC		SP1MGM
JA3RAR	192	CT1FMX	S57AC	179	W4BP
K8PO	9A2NA	JA1KQX	US8UA	IT9ELD	W4GD
KP2A	JA7JWF	KB0EO	UT2UB	IW0SAF	YO7NE
ND0N	JH1RFR	KB1EFS	W2YJ	JA9NLE	
RA9CMO	K3FN	KE9ET		K0TT	175
RZ4FO	K4FJ	KL0S	183	K8WK	JA1CHN
W2FCR	K5XX	N8LJ	CT1FPQ	N2PK	JG0CQK
	K7GM	RM0F	HK3W	OK1MG	JH2QMT
195	K9EU	W1YM	IT9INO	S57UN	JS3CTQ
EA3JL	KF7PG	W6SR	K4CN	SM4DDE	K4DLI
EA5RM	LA0FA	W8JV	K8RRT	SV3FUP	K5GKC
G3ZEM	N4DB	WA6YEE	K8VC	W8KEN	LA5LJA
JA0EOK	OH2IS		N9MB		N7IR
JA1EOD	W3UA	187	NN2L	178	N7XR
JH1QAX	W3YQ	AJ1H	ON6SAS	4Z5CX	PE1L
JN7FAH	W8LGJ	JA8DNV	W2FP	EA3CJ	TF3SG
K3PA		K0SR	W8NW	JA4MRL	VE3FF
K7SO	191	K6SRZ		JL1SAM	W8HC
K9RT	CT3MD	KN5O	182	K2UR	WX0V
KF8UN	JA1ANR	N2NS	DJ9ON	NE0U	
N1SV	K0BBC	OK1CZ	DK3UA	SM7DLK	174
W5ZG	K0JGH	SP3FAR	JA1SHE	SV1JG	4Z5MU
W9OP	K8FC	W7AWA	JA3ENN	W6NWS	JA0GJJ
	K9LA		JR7BDQ	W7MEM	JA1PPW
194	NE1B	186	N3OC	ZS1LS	JA2XW
JA1XEC	RK2FWA	IK2QPR	UR3EO		JA7MOL
K4KDX	WE9R	JA2LCP		177	JF7DZA
K9JF		K0BJ	181	9H1SP	JK1OPL
KB9LIE	190	K7LAY	DK3WW	AE5E	JR6PGB
LA7AFA	IZ8XQC	YL2TW	JA2BDR	CT1GFK	K1KI
SM7GIB	JA0VSH		JA9TWN	K3WC	K2KA
W2LO	JA1DUH	185	JN4MMO	K4RG	K3AJ
W4FC	JA1MCU	AB6QM	K2EP	K9NU	K4TR
WD8JJA	K2TE	CT1EAV	LZ2ZG	OK1DWC	K4WS
WN6W	K9KU	EA6BF	VE3OSZ	SM6DHU	N1EN
	KM1D	G3KWK	W9AJ	W2OR	OE1WHC
193	N4XU	IK3SWB		W5LT	RN7F
CT1IUA	N5GH	K5ZD	180	W7FI	UA3LNM
DF2GH	SP2LNW	LA3WAA	DM2DXA	WB7B	W8UV
DK1FW	VE7VV	N4TJ	DM3VL		W8VVG
DL5ZB		N5UR	EA8JF	176	WT8C
DL6ZXG	189	OE2BZL	IK4ADE	EU1AB	
EA3WD	9A2F	SV1DPI	JE2URF	G0BLB	173
HA5BSW	AA1ON	UA9CBO	K6SSS	I6FLD	5B4ALJ
K4ODL	EA8PP		K7BG	JA0DET	I1JQJ
N5LZ	FM5CD	184	LA9AJA	JA5IU	K1NTR
N9EN	SM0NJO	HA5WA	N1RR	JA6BJV	K4XR
PA0LOU	SP7HOV	JA2ZL	N4AH	JA8KSF	K9YC
RN1ON	UA7T	JF1NZW	ON5FP	K8MN	KA1J
UA0CA	WA3C	K4HGX	W1RM	N5OK	N5FG
W9MU		K5KLA	W7BEM	RL3FA	PY5EW

RC9F UN9L W3IP	K1LI N4XX N7US UT8MM UY5AA W6RW W7YAQ WB3JFS	DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT	K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	UA0FZ UX5UO W1BR W5XC W9RN WX0B	LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF
172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WA9PIE WC4X	168 G3MXJ I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB	165 DL7UCX F6HDH HB9TKS IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V SM4CTT W5BN	162 4O3A 9A4W F3AT IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	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
171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N	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	158 AA6AA CT1FCX DJ4PT DL1FKA G4GIR IT9DSZ JH1TWT JI1FXS JI1NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 DL1RK DL4SZB K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ
170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS	166 4Z1UF	163 9A2JK DJ9HX JE2LUN JH4CPC	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L	157 AA4H AC6DD DL4MM DL6MRS EA5BY G3TQZ HB0CC JA1GHH JH7IAJ	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT YS1RR

153	N2ZN	WD5K	JJ3HGJ	N6PAT	140
AJ9C	N5JB	YO3DDZ	JK1AJX	NN4R	9A1CAL
CU2AP	OK1ATP		K3VAT	W0IZ	JA4OK
DF2RG	RD3A	148	K4OY	W6QUV	K5WK
DL3ZA	RU3A	DK2CC	K8BL	WB8CQV	K6KLY
G3TJW	S54A	F5CQ	KF6HI	WB8ZRV	KF8DX
HL2CFY	SP7AWG	F5LVL	KR0P	WD9DZV	N4XP
IZ3ENH	SV9AHZ	F5PAC	N1CGP		OH6NIO
JF1IRW	W7CT	G4FTC	N4GG	142	ON7DR
JR9OPJ	W7RH	JH1QDB	N6PSE	I5HOR	UN1L
K7SP	WA1Z	JL1UXH	RT0F	JA2ATE	VE6SV
K8VFX	WA2BCK	N2WB	SM3DTR	JH0BQX	W0SEI
KD0PO		N5XZ	W5ADD	JR7WFC	W4NU
LZ1PM	150	NE3F		K3PP	W7IV
N4TV	EA1AF	W5FKX	144	K4WZ	W8LWU
N5TW	IV3RAV	W9JJB	CU3EQ	K6EME	WO2T
N8II	JA1SVP		DL5CW	KK1W	YL2MU
R9OK	JA2NQG	147	DL5KUA	LA9VFA	YO9FNP
SM6CLU	K0RS	EA3GP	E70T	MM0SAJ	
SP5CCC	K1OA	IV3VBM	EI6IZ	N7QT	139
UT5UY	K5TR	JA1XQC	GM3ITN	NA4D	DF7EE
WB8BPU	K7LV	JN1BMX	HB9BYQ	NQ7R	DJ4XA
	K8AJS	K8UT	HS0ZEE	NY2NY	DL5EBE
152	KU4XO	KM1H	I5MXX	OK1DO	DL8OH
EW2A	LA6OP	N1IBM	IT9GSF	W2OO	DS1JFY
JT1CO	N3QE	NA5C	IV3DXW	W5LUA	HB9CQK
K9MK	N9CO	PC3T	IZ4GWE	W5VQ	JA1TMG
KQ4AV	OE8SPW	W1OP	JA3GN	WA5POK	K3ANS
KS3F	ON6AA	W2KKZ	JE1FQV		K6AM
N9OY	SQ5EBM		K0VSH	141	K8GI
S55ZZ	UA6YW	146	KJ9C	AC9S	K8RF
UA6IGI	W2/CT1GIF	EU4A	LA9GX	DL5MHQ	KA8SYV
UN7LZ	W6DAO	JA1HQG	N1IX	EW1BA	KM3T
UT5AB	WW2DX	JA4DHN	N3KK	HB9FMT	KU0A
VE6LB		JA5XAE	SM4OLL	JA1PTJ	LA8WG
W1SKU	149	JH1GNU	SM5CLE	JA9RRH	OK1MP*
W1VT	DL7CX	K5KV	W4GE	JH1HHC	SM5CBM
W6RLL	HB9HFN	K5SM	W7ZI	JH4JNG	SV8ZC
W7AJ	I0JBL	K6NR	W8RLS	J11DCW	W0SD
WB3CQM	IK4FNF	K7WP	WC5M	JR2LJO	WA8WV
	JL1ARF	N7BT	WD5T	K2RW	
151	K3TN	OH1JP	YO3CD	N8OC	138
AA7G	K4YYL	RU0SN		NJ3K	DK8MCT
DK2OY	K5VWW	W1IZL	143	OE6VIE	DK8YY
EI9JF	K7HP	W1ZT	DL1DUO	SV3FUO	EI9FBB
F3SG	K8ME		DL6EN	W2CG	F6DDR
HB9SLO	K8ROX	145	HB9RYZ	W3BW	IK8EPC
JA2VQF	R8TX	AF4HX	IT9BLB	W4JVN	JA3OOK
JA6BEE	SM6CUK	HI3T	K7CMZ	W4VIC	JF3LOP
JH1NYM	UW7UA	IZ0RVI	K7CW	W4WT	K1RO
JR1XIS	W0GG	JE6TSP	N2RJ	W8GNM	K2RET
K2AX	W7HPW	JH4HMG	N2WM	W8HW	KJ6P
K2FW	WB8B	JH7RXU	N5UW	ZS1C	LB5WB

OZ8X	K4TT	JR7FRW	KC2LSD	N3KS	N1GC
RW4CY	K4ZRJ	K2CDJ	KH2L	N3RR	N9RD
UN7JID	K7FL	KS4YT	KM3V	W0YVA	OE8HIK
V51B	K7XB	KU2A	KM4H	W7QHE	PA3EWP
W1GD	NZ9R	OE1KM	N3MK	W8MET	SK7AX
W2YE	R3VA	ON4CAS	N4QWZ	W8MK	SP6A
W4YV	R7LP	RA5BM	N5PHT*		SP7ASZ
W7OM	RN3RQ	RV4LC	N6RK	128	W0CP
	SM3LGO	UQ2PZ	ON4ON	AA4SC	W0RT
137	SM5CZK	VE3WT	PY5EG	DM2RM	W1OPD
EA1YO	SP3XR	W0NFL	R0SR	IK2SGB	W3BG
GM3YOR	SV5DKL	W2QO	R9MJ	IT9ZZO	W3FOX
IZ2FOS	W1DIG	W5AJ	R9SA	JA1XCZ	W3MF
JA3APU	W1EQ		W8DCH	JA2AHH	W8LMG
K2QMF	W2GD	132	ZS1A	JA2KSP	XE1KK
K8NS	W4BUW	AA4NC		JA5FDJ	
RA3CO	W4MBD	AB9M	130	JA9AA	126
RG7G	W4RFZ	AD6W	DF9ZW	JE1LFX	AC9EM
UU1JA	W6DR	IK3VBB	E73M	JH4GJR	DJ8WD
W1ITU	W6JTI	IT9RDG	EI2JD	K0FF	F8BPN
W5ODD	WE4S	K6YUI	G7VJR	K3XA	G4IUF
WB5JID		K9ZM	HK0HEU	K4JAF	JA7KY
	134	N6HY	IK3XJP	K4SE	JH3CUL
136	CT3HF	OZ2RH	JA2FBC	K6LPO	JJ1DWT
E72U	HA1RB	SM4BZH	JG1DUZ	KG7CW	JN1RQV
ER0FEO	IK4DCS	SM6BGG	J14POR	KM4NS	K2ZD
HB9IQB	JA7LGE	SP6M	K2MYR	N5KM	K4JKB
IK8CNT	K1TO	VE3CRG	K3NK	OZ1IKY	K4XU
K0TV	K1ZN	W4AXL	K7LFY	R9SG	N8NA
K4ZO	K3OX	W4RBO	K8BCK	S53X	OE3SGU
K7TM	KX4TT	W4WM	K9GL	S55DX	OK3CQD
KR6C	N9MR*	W5SL	KO8SCA	SM3GQP	PA5TT
NA5DX	N9RS	W7AH	NA4EA	SV3DCX	VE3CX
OK1DW	OE1TKW	W7CD	NO9E	US8UW	VE7BV
SM5OJH	OH1ZK	W9FR	OZ2ABI	VQ9LA	W8REW
SP2BMX	PY5HOT	WB3D	R5QA	W2WC	W9ILY
UT3UZ	RG6G	XE2S	R9AB	W4IS	WB0O
UW8SM	RX4HW		RU1AO	W6RKC	WB2REM
W2OIB	SM0BYD	131	S51NM	W8KA	WD4LBR
WB7QXU	SP6JIU	DK7YY	TA1CM	ZS6UT	YU1EXY
	UA0ACG	DL9FCY	VE3DO		
135	W4JKC	G3UHU	W2MPK	127	125
5B4MF	YU1AM	HS1NGR	W9ZT	CT3KN	9A1AD
DJ9ZB		IV3KFB		HK1MW	AG1A
F6FXU	133	JA0AOO	129	JA1DDH	GW3TMP
IK8GYS	9K2NO	JA2TBS	HB9AZZ	JA1WLO	HK4SAN
IU0HDC	EU1U	JH4ADK	JA1NWD	JA8RJE	JA4IYL
IZ7EVZ	IK5DNF	JJ1TEA	JA8JO	JA9KRO	JA6VU
JA2KVD	IZ8DFO	JM1FHL	K6XM	JH3AIU	JE1TSD
JA7LMZ	JA6CBG	K1UU	K8DV	JS2LHI	JE6UWU
JA8BNP	JA7GLB	K5VIP	LB7ZG	K0RW	JF2WXS
JA8JL	JA9AGN	K6SIK	N0YY	K3TRM	JH1AGU
K1ZE	JR6FC	K9DR	N2BJ	N1AC	K1HAP

K5KG	K3XO	DK1EI	OZ2A	118	NY4G
K9GWH	K4ZIN	DK6CQ	PZ5RA	5T5PA	ON5UE
KA6BIM	K5GH	EI2GLB	RL3BZ	AB2E	OZ5HP
KI4WCQ	K5JC	HB9DHG	SP3PLD	DL5OCE	SM7BIC
LZ1XL	K7UT	IT9AAI	SP7ITB	JA4FHE	SP8HKT
N2KA	K9CS	JA2HYD	SV1IW	J18DGO	UA6J
N3EN	KV4T	KD8RQE	UR5IKN	JN7DOS	UB3A
N4JT	N2ED	KG9Z	US0YA	K3WGR	UR9IDX
ND5S	N4DWK	N0OK	W0RX	K4CNW	US1CT
NW6S	N6MZ	N1JP	W2YR	K5XM	W4ZRZ
OE1AZS	N9JV	N3ND	W3OA	K7PI	W6SL
RA0BA	N9LQ	N4TL	W4PRO	K8LN	W8ZR
UU7JM	NA2P	N6HC	W6RFL	K8WVA	WA2USA
VE3UTT	NA9RB	SV1AHX	W7RN	KD6UO	
W5DAW	S50B	SV1FKZ	WP3R	KG8CW	116
W9CG*	UA3DK	UQ1GWW	ZL4AS	KV4AA	AJ4F
WV4TN	UR9QQ	UT4EO		LZ2HM	DL7URH
YO2RR	UT3QU	UU2JQ	119	N2MM	EA5BRE
	W1AO	VA3AYA	AA3AZ	N4DJ	HA7PF
124	W4NF	W0QQ	AA4DD	N6MB	HB9EFK
AA7XT	W8NJR	W2GG	AE3T	PY2PA	IK0EIE
AB1OC	WT4Q	W3RJW	AJ4A	RN3TT	IK2OHG
J11DHY	XE1H	W6XI	DK3GG	SV9COL	IT9TQH
KD2T		W9FI	DL9OBY	TA2RC	IV3HYD
KD4POJ	122	W9XX	EW4M	W1KSZ	JA1WTI
NA2U	BA4RF	W9YE	G4DJJ	W4DAO	JE2EHP
PA0TCA	G3NDC	WA1PMA	HB9AAQ	W4NJ	JH3GCN
UA0BA	IU0LFQ	WY1G	HB9BCI	W5JMW	K1DC
VA7CRZ	JA1MRM	XE1VIC	I2TZK	WX3P	K1RI
VE1DUN	K1BZ		I4MKN	YO4AUL	KT1V
W2JU	K1ESE	120	IK0ZIO		KV1J
W2RIJ	K1YT	9A5F	JA3AZD	117	NA9Q
W3FM	K2MP	AA5JF	JA4XGC	9Y4VU	OH8LXT
W6CYX	K7ZA	AL7TC	JE2JMV	AE0P	OZ1LCG
WB8K	LA7WCA	DL2VWR	JH6CDI	BH4IGO	PA0JSE
	LA8PT	FG5FR	K3NF	DL1DWT	RV3ID
123	N3NR	HB9BLQ	K5UZ	G3PLP	TZ4AM
AC4TO	N9AW	IZ0LKV	K7EG	IT9DAA	UA4PCM
DL7JRD	NN7X	IZ5NFD	K8KWT	JA1HQT	W1ENE
F4GTB	OZ3Y	JA4EPE	K9SG	JA4FM	W1WEF
G4WFQ	RD4A	JR3UIC	N0KV	JA7GYP	W7GG
G5LP	SP9WZS	JR6LLN	N9UA	JA7IC	W7OEV
HB0WR	UU4JMG	K2BA	NT2A	JM3GXU	W8LRO
IK2CHZ	VE6AX	K2HK	NY7T	JR2UBS	WQ5L
JA0CRG	VK4CAG	K3QIA	OH5NG	K2BB	
JA1SJV	W2TB	K6FW	OK1DT	K6PJ	115
JA3MHA	WA3I	KA8ZPE	R6FFB	K8OOK	C6AGU
JA6WJL	WA7BNG	N4BAF	SV1ACK	K8QM	CU2CE
J14WAO		N4LR	VE3YF	K9FN	DL9GOA
JK1EXO	121	N4TB	W4HZ	N2JJ	G4XEE
JR1EBE	AA6RR	N4UFP	W8FIB	N4IR	G8BCG
K2PK	AA8CH	N8PW	WC2K	N8AA	G8DX
K3FRK	DF1DB	OE3EVA	XE1RCS	N8XI	HA5UK

HK3PJ	KB8U	W6BK	W5VX	WB9EEE	109
IW0HEX	KZ4V	W8FAX	W6TC	YL3DQ	DF1KG
IZ7JVR	N1QY	W9DX	W8GEX	YO6HOY	EA3GHZ
JA2KNW	N3MN	W9VNE	W8HMK		EU4T
JA3NHL	N4IQ	WA4DOU	W9SE	110	F8EZE
JA5WIZ	NU8Z	WB2HJV	WA8OLN	BA4MY	G3SVD
JG3LGD	UA3FT	WB2UFF	WT9U	DL1VDL	IW0HQE
JH1RFM	W0VX	WS4C	ZP6CW	EA5BYP	JA2CXF
K0GD	W3MR	ZL1BYZ		F5BAR	K2ONP
K0SD	W4TUN		111	G3LNS	K4RDU
K4CMS	WA1FCN	112	9K2OD	G8AJM	K5FZ
K4GHS	WA4CEM	A92IO	AA4U	HC1BI	K5KA
K4GK	WA8MCD	DJ1RL	AF4OX	HI8R	K5KPE
K8YTO	WA9YYY	DK5RL	CU3AN	I2BBJ	K6MW
KZ5DX	WN9O	DL5CL	DG7RO	IK5RUN	KE1F
LY4T	XE1RBV	EA1JO	DK2WH	IK8UHA	N1BZ
N0IRM	XE3ARV	EI8IU	DK6ED	IZ0CKJ	N2WLG
N4OA		EW1DO	DL1HRN	J68HZ	N7TY
N5BO	113	G3XGC	EV1R	JA7EPO	N8NN
N8KOL	9A1A	HB9CEX	F6ECI	JE2UFF	ND4V
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RZ6MJ	DJ9RR	HB9G	HL3GOB	K2BLA	NU4I
UA1ANA	DL8CM	IK2ANI	JA1AUD	K3JRR	NX7U
UA1CGS	DL8DYL	IU8FRE	JA1FGB	K3PH	PY5CC
UA6XT	DL9GTB	IZ4DIW	JA1NCZ	K4WW	RW4UU
UN6T	G4AFJ	JA1SXR	JE8TGI	K6MI	RW9QA
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YL2CZ	K0TPP	JR7TEQ	K9AJ	N2CG	UT7KF
	K8SL	K0JPL	KM1R	N3HBX	VU2CPL
114	KA4RRU	K1EDG	KP4AA	N3IQ	W5WP
AB4GE	KH6DX	K1EO	KZ0X	N3JB	WB5TUF
BA4DW	KI0G	K1KO	LA0CX	N4KE	WN0L
BA7IO	KT1J	K4UAS	N4WJ	NC6K	YV3AGT
CT3FN	N6PE	K8CC	N7BD	NK7C	
CU3AK	N7KO	KB2FCV	N9HF	NY4I	108
DL6NB	N9ISN	KI4DLS	NA1DX	RD9M	AI2Q
F6CWA	NA3F	KM1C	UR6QA	SM5BHW	AL7R
G3SDL	NG0G	LA8HGA	VE6KC	SV1VS	DL6CNG
HP3TA	NI5F	N5ZC	VE7CT	UA3O	ER1LW
I5OYY	NK5B	N6MA	VE7UF	US7MM	G3VAO
IK7YZG	NZ3M	RU4SU	W0VHF	W0UY	HB9BAT
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JA4KDT	RA4UN	UA1ACG	W4HOG	W4DC	IK0PRG
JH6WMJ	RZ3AUL	UA1CEI	W4OX	W4NE	IZ0BTV
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K3OSX	UN7TW	W2SKI	WA2BOT	YU7AU	K1EP
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K5RJ	W2GW	W4VHF	WB4TDH		K2CJ

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N9SF	KE2R	K1PX	JA4EVN	AD1C	RU3UR
N9TF	KZ1W	K4DSE	JA6VA	AG4Q	RZ6DX
NU4Y	N2RR	K5AM	JA7BME	AH0U	RZ6LB
PA0ZH	N3DAP	K5ZQ	JA8RRF	CP8HD	SM5CCE
R5FY	N4RF	K8JJC	JA9APM	CX3CE	SM7CQY
R7LA	N6EE	KD9HL	JF1RYU	DK3BK	SO5AS
RA1OHX	N8AGU	KK8X	JF2VAX	DL4FAP	UA9FGJ
RX6DX	NA5Q	KK9H	JO4CFV	DL7UPN	US5CAO
S57J	OE1CP	KQ3F	K1DJ	E73D	UT4EK
SM6AOU	OK2BUZ	N0JZ	K2XF	EA8ZS	UT7EC
UX7UN	OK3CQR	N2CW	K5AV	EI9E	UX4UM
UZ6LWZ	R0FA	N2SQW	K6DJ	F6AJA	UY0MM
W2UB	RN4AA	N3XM	K7OX	F8GB	VE3VHB
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W4ZYT	SP3BQD	NA5Z	K9RO	HB9CIP	W1QA
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WB8BZK	VK3NX	OH2OT	LZ1JZ	JA1SDV	W5CWQ
WC1M	W3KB	OK1AYU	N2DPF	JA2FGL	W5GJ
WC6DX	W4MAY	OK2BVG	N4JI	JF1EGO	W5ZO
WD9EQU	W6TDX	S57AL	N4NW	JF6WTY	W6PH
WW1WW	W8IW	UR3CRO	N4PL	JK1BSM	W7DR
ZS2DL	W8VK	UT7UU	N4SC	JO1WXO	WA0I
	W9CPV	UU5WW	N4VN	K0WK	WA9ETW
107	WA0RVK	V73AZ	N6NU	K1BG	YC0LOW
4Z5LA	WB6CJT	VQ9SS	N7DR	K3FM	YO5ODE
DJ8ES	WB8ART	W1CWU	ND3L	K4KEW	
DK3FB	WS1L	W2EQ	ON7PQ	K4MF	103
DL1QQ	XE2YWH	W2LE	OZ4AAL	K4VIG	AG1I
DL2CHN	YL1XZ	W2NO	PF7M	K5HK	AI3Q
DL5XU	ZL3RJ	W3ICM	PJ2/K8ND	K6UM	DJ1MM
DO4DXA		W4IR	PY2DS	K7TJR	DJ3GZ
EA5AT	106	W5JAY	R6YY	K9EA	DJ7PI
EA7QW	AA4FL	W5KI	RA6AF	KA2BZS	DL2HX
FG8OJ	AE2U	W8OP	RD4WM	KH6KG/W5	DL8YRM
G4AKY	DJ6OZ	WA4MYO	SP5JXK	KI0KB	DM5TI
G4RGK	DL2NOM	WA6TLA	UA6LCN	KW0A	DS3HWS
I5IHE	DL3JSW	YL2GN	UR1RWX	LZ2XF	EA7SG
IT9XTP	DL6JZ	YU3EF	UR2RGN	N3ER	EU6MM

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G3OIL	W4AVY	PY2DO	IV3KCB	RB7GG	EA3ALD
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G4PUQ	W5THT	R3IS	JA2VMU	RY6M	EC5A
G4VGO	W5VU	RU3UN	JA6TMU	SM2DMU	EI3ISB
I0OSI	W6SZN	S59DJK	JA7SFD	SM7NDX	ES5NC
JA2GQO	YO7APA	SM6WET	JF1RPZ	SP7JLH	FM5GU
JA2OLJ		SP5MXZ	JH3HGH	SV1PL	G0VXE
JA3FHL	102	T77V	JH3PRR	UA0FDX	G4CGG
JA8EJO	A6/RV6LNA	UA1AIR	JH7BKN	UG6GAW	GM3ZSP
JE1SYN	CT4BD	UA1CKC	JI3KDH	UR5WIF	I2VGW
JH1DGQ	DK3QM	UA6HOF	K0LW	UR7CQ	IK0HFO
JM2RUV	DL3DXX	UA9MR	K1YR	UT1CC	IK4MSV
K0EOO	DL3NCR	UA9UCO	K2BX	UT4IS	IK5ZUK
K2UVV	DL4CW	UW7CN	K2TER	UT7HA	IS0/YO3RA
K4LQ	DL4KUG	VE2FYR	K3SEW	VE2OJ	IT9CVO
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UA3PFN	KW4BY	DL1KS	OE3WQB	AA4AK	KA9UVY
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UT2AB	LA3ANA	DL5JS	OK1PGF	AB4VV	KC0V
VA2ZO	LA6UL	DM3ML	OK2BOB	AC4VM	KC4D
VA3IC	N5RZ	EA1WX	OK3EY	AI2S	KC5LT
VE3EDY	OH2EA	EU1TT	OK4MM	DJ6OI	KD8BZY
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VE3VV	OK1JDX	G4FJK	PA4WM	DL1TPY	KQ5M
W0QC	OK3CSQ	GM3WTA	RA3AH	DL1TRK	LA8W

LU5OM	UR4CW
LU5YF	UR4LRG
MM0SJH	UR8IDX
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N0ATQ	VE3OAT
N1KI	VE7JKZ
N1MD	VP2VA
N2SG	VR2PX
N2XQM	W0GYH
N3AF	W0MU
N4CRI	W1AN
N4ZR	W1YRC
N7DED	W2CCC
N7TK	W3BBO
N8IL	W4HHN
N8NB	W4OEP
N8OQ	W4OV
N9ADG	W6WA
NA6O	W7DT
NB3R	W7JET
NG7A	W8CNL
NJ3I	W8FN
NN4SS	W8GDQ
OE5JDL	WB4SON
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OK2PAZ	YB1TJ
ON4ANN	YL2SM
ON7EH	YO9FLD
ON7GB	ZP9MCE
ON9CC	
OZ1ZD	
PA0INA	
PA7RA	
PY7DJ	
R3PJN	
R9JX	
RA3SD	
RA4LW	
RA6XB	
RC2A	
RN1A	
RT5A	
RU3GF	
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SM0CXU	
SV1VJ	
SV2DSJ	
TI5CDA	
UA3AKI	
UA4PAY	
UA6CEY	
UN6P	