

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 10 Jan 2026, 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	N4IS NN4T SM3GSK UA6A	VA3EF
341 EA8AK	325 EY8MM K9UWA UA2FF	316 IK4WMA K5RK N1DG OH3SR W2VO	310 I4AVG I4EWH RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV	299 K4TEA N1BUG SV1FJA UX1UA W7UT
340 K1ZM	324 K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 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 N4RJ UT3UA	302 SV8JE	297 DK5PR N4CC OM2XW W0FLS
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX PA3FQA SM3EVR SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
334 N4WW	321 WB9Z	312 OH1MA S54E	306 DL4MCF EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU SV8CS	295 K3UA WD5COV
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW		294 DL1AMQ JH2FXK
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR W9ZR				
330 AA1K HA0DU OH1XX R4GM	318 4X4DK				
329 K3UL UA4HBW					

JR2KDN LA5HE N0TB RJ3AA	WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	I2AOX IK4CIE K2UO K4IQJ KF2O SP6AEG UW2ZM	K8PT RA3XDX W1MK	K5KC N6SS NO8D SP1S UX0FF
293 JH4UYB S58T SM3NRY	287 DL1RWN G3XTT N2QT RK4FD UR5WA VA3DX W4PK	280 EA6NB KG4W N9IW RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU W6UB	267 G4OBK LU8DPM RW0LT RZ3DX SP5DIR W1GL	260 I1FQH K1LT K4DY UT9FJ
292 G4BWP IK1GPG IZ0AEG OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 F6AOJ IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	266 K1QX NR1R R3LA W8TE W8XD	259 DF4PL G3ZSS IV3ODE K8FL R9FM
291 9A7V I5NPH KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ K5XI	278 DK0EE F6BEE HB9AMO JA3FYC K5DU RU3FM SP9DWT	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP YO5BRZ	258 KW9A N2NL N8TR RN3CT VE3QAA
290 UA3AKO UT1UY	284 IK6DLK NJ6P SP3DV UX1AA	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	264 IK2YCW IK5HHA K7ZV N3NT R5AJ	257 AA1QD JH1GZE K1GUN K9NW N4II W9YSX
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 F6GCP G3LZQ N8RR OK1AWZ VE2Tzt	270 AA1V KD5M LA3MHA OE5KE SV8BHN	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP	256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY W0JX	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU	269 K6ND W1ZC	262 G0DQS KR9U N5KD W1YY	255 K4QL N2MF VK4MA W3KX W5OZI
			268 DL5DSM G3WPH	261 9A4T DL9YX K2EK	254 I1EIS N0AT

OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	OK1CF	237 DL7MAE IW1ARB OM4EX WA7NB	K2AZ K4XL NI6T UA3AP	226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
253 5B4AGN IV3YYK JQ3DUE K5ESW R5DT S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	240 EA6ET JA5MHD JR3GWZ K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN	230 JA1CMD JA2NDQ 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	244 AG9S DK6WL F6BLP IZ8FFA JA1HGY ON4IQ SV1RK	239 AJ6T K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF UW5ZM W3LL	234 IK6FWJ JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI	229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 IZ8FWN MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ
250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	238 AC4G DL8WN IK0XEZ IZ1LBG NI0G RA0FF VO1HP	233 DF6PB DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO	228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI KV7K N1LN RT6T SV2JAO UR5FEO ZS4TX
249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H		232 EA1N FK8CP JA8EAT	227 DL7HU ES1RA I3BUI IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV

K6EID K8FH K8ZTT N4PQX N5AW N5JR N8PR N9BX SM0CCM	K5UO UT4MF W5PJR 217 DM5EE JH1IFS K5PC ON6YH UA3AGW	W0LYI W1FJ W2WG W3YY WP4U WS9V 212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF	208 G3NSM I4LCK JA9FPI JF4VZT K2FU LA7HJA N5ORT RU3ZX RX3APM UN5J UY1HY W6PJ W9EWZ	K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K1GG K3HP W0MHK W2IRT W5TCX 200 G0OIL IK0FVC JA1GTF JH2RMU K1GE LA5YJ RW4NN RW7M UY0ZG W0DD W3GG
221 JA2WYN JJ3PRT K4MWB K8SIX LA7GIA LB8DC N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF 211 EA1RT IK4DRR JA4DEN K3WA RU3SD	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	JH2RMU K1GE LA5YJ RW4NN RW7M UY0ZG W0DD W3GG 199 G0BNR JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R OZ1AXG VE3EXY	215 JH0INP N7JW W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV RV0AR UW7LL W7JW	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DK2LO DL1MGB DL2KQ DL9DRA HB9DDO JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR W1NT ZL3IX	N4DW W1TO YO2DFA 198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC W8HB
219 IK3VUU JA2FBY JA2FJP OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO	205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO	197 G3SNN JA0EOK JE1BMJ JH1QAX JH2UVL K8NVR LA7AFA OE4PWW OE5FIN
218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO				

ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X	HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA WE9R	189 9A2F AA1ON CT1FMX EA8PP FM5CD K4CN SM0NJO SP7HOV UA7T WA3C	N5UR OE2BZL SV1DPI UA9CBO	IK4ADE JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP W1RM W2OR W7BEM W8TN	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK RL3FA SM5FUG SP1MGM W4BP W4GD YO7NE
196 4Z4DX AA4HP IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR	192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG LA0FA N4DB NE1B W3UA W3YQ W8LGJ	188 AB4IQ JA1KQX JA8DNV KB0EO KE9ET KL0S N8LJ RM0F W1YM W6SR W8JV WA6YEE	184 HA5WA IW0SAF JF1NZW K4HGX K5KLA KB4ET N9RC S57AC US8UA UT2UB W2YJ	179 IT9ELD JA9NLE K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI LA5LJA N7IR PE1L TF3SG VE3FF W8HC WA9PIE WX0V
195 EA3JL EA5RM G3ZEM JA1EOD JN7FAH K3PA K7SO K9RT KF8UN N1SV W4FC W5ZG W9OP WN6W	191 CT3MD JA1ANR K0BBC K0JGH K8FC K9LA RK2FWA	187 AJ1H K0SR K6SRZ KN5O N2NS OK1CZ SP3FAR W7AWA	183 CT1FPQ HK3W IT9INO K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL JL1SAM K2UR N7XR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C
194 JA1XEC K4KDX K9JF KB9LIE OH2IS SM7GIB W2LO WD8JJA	190 IZ8XQC JA0VSH JA1DUH JA1MCU K2TE K9KU KB1EFS KM1D N4XU N5GH SP2LNW VE7VV W9AJ	186 IK2QPR JA2LCP JA2ZL K0BJ K7LAY YL2TW	182 DJ9ON DK3UA JA1SHE JA3ENN JR7BDQ N3OC UR3EO	177 9H1SP AE5E CT1GFK K3WC K4RG K5GKC K9NU OK1DWC PY5EW SM6DHU W5LT W7FI WB7B	
193 CT1IUA DF2GH DK1FW DL5ZB DL6ZXG EA3WD		185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ	180 4Z5MU DM2DXA DM3VL EA8JF		

173 5B4ALJ I1JQJ JE2LPC JE3ENP K1NTR K4XR K9YC KA1J N5FG RC9F UN9L VE6WQ W3IP	N4PY SP3GTS SV3KH W9EVI 169 JA1ADT JR1IZM K1LI N4XX N7US RN3OG UT8MM UY5AA W6RW W7YAQ WB3JFS	RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N 166 4Z1UF DJ4SO IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT	WW3S 163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA RW3RN UR4CWQ VE3CFK W7AL 162 4O3A 9A4W F3AT HB9BUN IZ4DPV JA6GIJ JH4ALY JR5JAQ LB6KC N8MR VE7SL W0HT W0TT W1LW W2XL W8WEJ	IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B 159 DL6MRS JA4FKX JA9APS JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT 158 AA6AA CT1FCX DJ4PT DL1FKA G4GIR IT9DSZ JH1TWT JI1FXS JI1NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W3GQ W4QN	157 AA4H AC6DD DL4MM EA5BY G3TQZ HB0CC JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF 156 AB9V FM5BH IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS UA3SAQ VA3LX W1YIF W4TV 155 DL1RK DL4SZB JR3OEH K2LS N2ZN NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ 154 3V8SF
172 EA7TV G3NKC HB9FMN IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M W3JX W4FQT WC4X	168 G3MXJ HB9TKS I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB	165 DL7UCX F6HDH IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V SM4CTT W5BN 164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH W4DKS W4NS* WP4G	161 DK2GZ DL6RAI HB9DHK IK0FUX JA1DOF K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW 160 AD5Q DK1WB DL1DA		
171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK WA3AFS	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C				
170 DJ6TK IK0PEA JA6JPS JF1WPB JM1GYQ K6ZZ					

GM3PPE	151	JL1ARF	OH1JP	W7ZI	J11DCW
IZ3ENH	AA7G	K3TN	RU0SN	W8RLS	JR2LJO
JA8NFV	DK2OY	K4YYL	W1IZL	WC5M	K2RW
K0KVR	EI9JF	K7HP	W1ZT	WD5T	NJ3K
KR2Q	F3SG	K8ME		YO3CD	SV3FUO
NX8Y	HB9SLO	R8TX	145		W2CG
SV1CNS	JA6BEE	SM6CUK	AF4HX	143	W3BW
W1NA	JH1NYM	UW7UA	HI3T	DL6EN	W4JVN
W5DNT	JR1XIS	W0GG	IT9ZZO	HB9RYZ	W4VIC
YS1RR	K2AX	W7HPW	JE6TSP	IK8GYS	W4WT
	K2FW	WB8B	JH4HMG	IT9BLB	W8GNM
153	K8ROX	WD5K	JH7RXU	K7CMZ	W8HW
AJ9C	N5JB	YO3DDZ	JJ3HGJ	K7CW	ZS1C
CU2AP	OK1ATP		JK1AJX	N2RJ	
DF2RG	RD3A	148	K3VAT	N5UW	140
DL1DUO	RU3A	DK2CC	K4OY	N6PAT	9A1CAL
DL3ZA	S54A	F5CQ	K8BL	NN4R	JA4OK
G3TJW	SP7AWG	F5LVL	KF6HI	W0IZ	K5WK
HL2CFY	SV9AHZ	F5PAC	KR0P	W6QUV	K6KLY
JF1IRW	W7CT	G4FTC	N1CGP	WB8CQV	KF8DX
JR9OPJ	W7RH	JA9RRH	N4GG	WB8ZRV	N4XP
K7SP	WA1Z	JH1QDB	N6PSE	WD9DZV	OH6NIO
K8VFX	WA2BCK	N2WB	N8OC		ON7DR
KD0PO		N5XZ	OE6VIE	142	UN1L
LZ1PM	150	NE3F	RT0F	AB9M	VE6SV
N4TV	EA1AF	W5FKX	SM3DTR	I5HOR	W0SEI
N5TW	IV3RAV	W9JJB	W5ADD	JA2ATE	W4NU
N8II	JA1SVP			JH0BQX	W7IV
R9OK	JA2NQG	147	144	JR7WFC	W8LWU
SM6CLU	JL1UXH	EA3GP	CU3EQ	K3PP	WO2T
SP5CCC	K0RS	IV3VBM	DL5CW	K4WZ	YL2MU
UT5UY	K1OA	IZ0RVI	DL5KUA	K6EME	YO9FNP
WB8BPU	K5TR	JA1XQC	E70T	KK1W	
	K5VWW	JN1BMX	EI6IZ	KM3T	139
152	K7LV	K8UT	GM3ITN	MM0SAJ	DF7EE
EW2A	K8AJS	KM1H	HB9BYQ	N7QT	DJ4XA
JA2VQF	KU4XO	N1IBM	HS0ZEE	NA4D	DL5EBE
JT1CO	LA6OP	NA5C	I5MXX	NQ7R	DL8OH
K9MK	N3QE	PC3T	IT9GSF	NY2NY	DS1JFY
KQ4AV	N9CO	W1OP	IV3DXW	OK1DO	HB9CQK
KS3F	OE8SPW	W2KKZ	IZ4GWE	W2OO	JA1TMG
N9OY	ON6AA		JA3GN	W5LUA	K2RET
S55ZZ	SQ5EBM	146	JE1FQV	W5VQ	K3ANS
UA6IGI	UA6YW	EU4A	K0VSH	WA5POK	K6AM
UN7LZ	W2/CT1GIF	JA1HQG	KJ9C		K8GI
UT5AB	W6DAO	JA4DHN	LA9GX	141	K8RF
VE6LB	WW2DX	JA5XAE	LA9VFA	AC9S	KA8SYV
W1SKU		JH1GNU	N1IX	DL5MHQ	KU0A
W1VT	149	K5KV	N2WM	EW1BA	LA8WG
W6RLL	DL7CX	K5SM	N3KK	HB9FMT	OK1MP*
W7AJ	HB9HFN	K6NR	SM4OLL	JA1PTJ	SM5CBM
WB3CQM	I0JBL	K7WP	SM5CLE	JH1HHC	SV8ZC
	IK4FNF	N7BT	W4GE	JH4JNG	W0SD

WA8WV	UW8SM	PY5HOT	XE2S	RU1AO	W6RKC
138	W2OIB	RG6G		S51NM	WB0O
DK8MCT	WB7QXU	RX4HW	131	TA1CM	ZS6UT
DK8YY	135	SM0BYD	DK7YY	VE3DO	127
EI9FBB	5B4MF	UA0ACG	DL9FCY	W2MPK	AC9EM
F6DDR	BA4RF	W4JKC	HS1NGR	W9ZT	CT3KN
IK8EPC	DJ9ZB	YU1AM	IV3KFB	129	HK1MW
JA3OOK	F6FXU	133	JA0AOO	HB9AZZ	JA1DDH
JF3LOP	IZ7EVZ	9K2NO	JA2TBS	JA1NWD	JA1WLO
K1RO	JA2KVD	EU1U	JH4ADK	JA8JO	JA8RJE
KJ6P	JA7LMZ	G4XEE	JJ1TEA	JK1EXO	JA9KRO
LB5WB	JA8BNP	IK5DNF	JM1FHL	K6XM	JH3AIU
NA5DX	JA8JL	IZ8DFO	K1UU	K8DV	JN1RQV
OZ8X	K1ZE	JA6CBG	K6SIK	LB7ZG	JS2LHI
RW4CY	K4TT	JA7GLB	K9DR	N0YY	K0RW
UN7JID	K4ZRJ	JA9AGN	KC2LSD	N2BJ	K3TRM
V51B	K7FL	JR6FC	KH2L	N3KS	N1AC
W1GD	K7XB	JR7FRW	KM3V	N3RR	N1GC
W2YE	NZ9R	K2CDJ	KM4H	PA3EWP	N9RD
W4YV	R3VA	KS4YT	N3MK	W0YVA	OE3SGU
W7OM	R7LP	KU2A	N4QWZ	W7QHE	OE8HIK
137	RN3RQ	OE1KM	N5PHT*	W8MET	SK7AX
EA1YO	SM0LGO	RA5BM	N6RK	W8MK	SP6A
GM3YOR	SM5CZK	RV4LC	ON4ON		SP7ASZ
IZ2FOS	SP3XR	UQ2PZ	PY5EG	128	W0CP
JA3APU	SV5DKL	VE3WT	R0SR	AA4SC	W0RT
K2QMF	UB3A	W0NFL	R9MJ	DM2RM	W1OPD
K8NS	W1DIG	W2QO	R9SA	IK2SGB	W3BG
RA3CO	W1EQ	W5AJ	W8DCH	JA1XCZ	W3FOX
RG7G	W2GD	132	W8KA	JA2AHH	W3MF
UU1JA	W4BUW	AA4NC	ZS1A	JA2KSP	W8LMG
W1ITU	W4MBD	AD6W	130	JA5FDJ	XE1KK
W5ODD	W4RFZ	G3UHU	DF9ZW	JA9AA	126
WB5JID	W6DR	IK3VBB	E73M	JE1LFX	DJ8WD
136	W6JTI	IT9RDG	EI2JD	JH4GJR	F8BPN
E72U	WE4S	K6YUI	G7VJR	K0FF	G4IUF
ER0FEO	134	K9ZM	HK0HEU	K3XA	JA7KY
HB9IQB	CT3HF	N6HY	IK3XJP	K4JAF	JH3CUL
IK8CNT	HA1RB	OZ2RH	JA2FBC	K4SE	JJ1DWT
IU0HDC	IK4DCS	SM4BZH	JG1DUZ	K6LPO	K2ZD
K0TV	JA7LGE	SM6BGG	J14POR	KG7CW	K4JKB
K4ZO	K1TO	SP6M	K2MYR	KM4NS	K4XU
K7TM	K1ZN	VE3CRG	K3NK	N5KM	N8NA
KR6C	K3OX	W4AXL	K7LFY	OZ1IKY	OK3CQD
OK1DW	K5VIP	W4AXL	K8BCK	R9SG	PA5TT
SM3GQP	KX4TT	W4RBO	K9GL	S53X	VE3CX
SM5OJH	N9MR*	W4WM	KO8SCA	S55DX	VE7BV
SP2BMX	N9RS	W5SL	NA4EA	SV3DCX	W8REW
SP6JIU	OE1TKW	W7AH	NO9E	US8UW	W9ILY
UT3UZ	OH1ZK	W7CD	OZ2ABI	VQ9LA	WB2REM
	ON4CAS	W9FR	R5QA	W2WC	WD4LBR
		WB3D	R9AB	W4IS	

YU1EXY	123	NN7X	FG5FR	K3NF	BH4IGO
	AC4TO	OZ3Y	HB9BLQ	K5UZ	DL1DWT
125	DL7JRD	RD4A	IZ0LKV	K7EG	G3PLP
9A1AD	F4GTB	SP9WZS	IZ5NFD	K8KWT	IT9DAA
AG1A	G4WFQ	UU4JMG	JA4EPE	N0KV	JA1HQT
GW3TMP	G5LP	VE6AX	JR3UIC	N4DJ	JA4FM
HK4SAN	HB0WR	VK4CAG	JR6LLN	N9UA	JA7GYP
IW0HEX	IK2CHZ	W2TB	K2BA	NT2A	JA7IC
JA4IYL	JA0CRG	WA3I	K2HK	NY7T	JM3GXU
JA6VU	JA1SJV	WA7BNG	K3QIA	OH5NG	JR2UBS
JE1TSD	JA3MHA		K9SG	OK1DT	K2BB
JE6UWU	JA6WJL	121	KA8ZPE	R6FFB	K6PJ
JF2WXS	J14WAO	AA6RR	N4BAF	SV1ACK	K8OOK
JH1AGU	JR1EBE	AA8CH	N4LR	W4HZ	K8QM
K1HAP	K2PK	DF1DB	N4TB	W8FIB	K9FN
K5KG	K3FRK	DK1EI	N4UFP	WC2K	N2JJ
K9GWH	K3XO	DK6CQ	OE3EVA	XE1RCS	N4IR
KA6BIM	K4ZIN	EI2GLB	OZ2A		N8AA
KI4WCQ	K5GH	HB9DHG	PZ5RA	118	N8XI
LZ1XL	K5JC	IT9AAI	RL3BZ	5T5PA	NY4G
N2KA	K6FW	JA2HYD	SP3PLD	AB2E	ON5UE
N3EN	K7UT	KD8RQE	SP7ITB	DL5OCE	OZ5HP
N4JT	K9CS	KG9Z	SV1IW	JA4FHE	SM7BIC
ND5S	KV4T	KV4AA	UR5IKN	J18DGO	SP8HKT
NW6S	N2ED	N0OK	US0YA	JN7DOS	UA6J
OE1AZS	N4DWK	N1JP	US1CT	K3WGR	UR9IDX
RA0BA	N6MZ	N3ND	VE3YF	K4CNW	W4ZRZ
UU7JM	N9JV	N4TL	W0RX	K5XM	W6SL
VE3UTT	N9LQ	N6HC	W2YR	K7PI	W8ZR
W5DAW	NA2P	N8PW	W3OA	K8LN	WA2USA
W9CG*	NA9RB	SV1AHX	W4PRO	K8WVA	
W9DX	S50B	SV1FKZ	W6RFL	KD6UO	116
WV4TN	UA3DK	UQ1GWW	W7RN	KG8CW	AJ4F
YO2RR	UR9QQ	UT4EO	WP3R	LZ2HM	DL7URH
	UT3QU	UU2JQ	ZL4AS	N2MM	EA5BRE
124	W1AO	VA3AYA		N5BO	HA7PF
AA7XT	W4NF	W0QQ	119	N6MB	HB9EFK
AB1OC	W8NJR	W2GG	AA3AZ	PY2PA	IK0EIE
J11DHY	XE1H	W3RJW	AE3T	RN3TT	IK2OHG
KD2T		W6XI	AJ4A	SV9COL	IK7YZG
KD4POJ	122	W9FI	DK3GG	TA2RC	IT9TQH
KZ5DX	G3NDC	W9XX	DL9OBY	W1KSZ	IV3HYD
NA2U	IU0LFQ	W9YE	EW4M	W4DAO	JA1WTI
PA0TCA	JA1MRM	WA1PMA	G4DJJ	W4NJ	JE2EHP
UA0BA	K1BZ	WY1G	HB9AAQ	W5JMW	JH3GCN
VA7CRZ	K1ESE	XE1VIC	HB9BCI	W5VY	K1DC
VE1DUN	K1YT		I2TZK	WX3P	K1RI
W2JU	K2MP	120	I4MKN	YO4AUL	K6RO
W2RIJ	K7ZA	9A5F	IK0ZIO		KT1V
W3FM	LA7WCA	AA4DD	JA3AZD	117	KV1J
W6CYX	LA8PT	AA5JF	JA4XGC	9K2OD	NA9Q
WB8K	N3NR	AL7TC	JE2JMV	9Y4VU	OH8LXT
WT4Q	N9AW	DL2VWR	JH6CDI	AE0P	OZ1LCG

PA0JSE	DL6UAA	N7KO	KM1C	UR6QA	UA3O
RV3ID	EI8IU	N9ISN	LA8HGA	VE6KC	US7MM
TZ4AM	F6CWA	NA3F	N5ZC	VE7CT	W0UY
UA4PCM	G3SDL	NG0G	N6MA	VE7UF	W3XY
W1ENE	HP3TA	NI5F	N9HF	W0VHF	W4DC
W1WEF	I5OYY	NK5B	RU4SU	W1FO	W4NE
W7GG	JA1OVD	NZ3M	SM3DMP	W4HOG	W5ZPA
W7OEV	JA4BXL	R7NA	UA1ACG	W4OX	W6KK
W8LRO	JA4KDT	RA4UN	UA1CEI	W5AQ	WL7E
WQ5L	JH6WMJ	RZ3AUL	UT6UD	W7VS	XE1FAS
115	K1RV	SM5ARL	VE7XF	W8MIL	YU7AU
C6AGU	K2DC	SP3EPG	W1HEO	W9RB	ZL3NW
CU2CE	K2HAT	SV1JFV	W2CVW	WA2MUA	109
DL9GOA	K3MD	SV2AVP	W2SKI	WB4TDH	DF1KG
G8BCG	K3OSX	UN7TW	W3UL	WB9EEE	EA3GHZ
G8DX	K5CD	VE3KI	W4VHF	YL3DQ	EU4T
HA5UK	K5RJ	W2GW	W5VX	YO6HOY	F8EZE
HK3PJ	KB8U	W6BK	W6TC	110	G3SVD
IZ0CKJ	KZ4V	W8FAX	W8GEX	BA4MY	IW0HQE
IZ7JVR	N1QY	W9VNE	W8HMK	DL1VDL	JA2CXF
JA2KNW	N3MN	WA2BOT	W9SE	EA5BYP	K2CJ
JA3NHL	N4IQ	WA4DOU	WA8OLN	F5BAR	K2ONP
JA5WIZ	NU8Z	WB2HJV	WT9U	G3LNS	K4RDU
JG3LGD	UA3FT	WB2UFF	ZP6CW	G8AJM	K5FZ
JH1RFM	W0VX	WS4C	111	HI8R	K5KA
K0GD	W3MR	ZL1BYZ	AA4U	I2BBJ	K5KPE
K0SD	W4TUN	112	AF4OX	IK5RUN	K6MW
K4CMS	WA1FCN	A92IO	CU3AN	IK8UHA	KA9UVY
K4GHS	WA4CEM	DJ1RL	DG7RO	IZ2EWR	KE1F
K4GK	WA8MCD	DK5RL	DK2WH	J68HZ	N1BZ
K8YTO	WA9YYY	DL5CL	DK6ED	JA7EPO	N2WLG
LY4T	WN9O	EA1JO	DL1HRN	JE2UFF	N7TY
N0IRM	XE1RBV	EW1DO	EV1R	JH1VHU	N8NN
N4OA	XE3ARV	G3XGC	F6ECI	K2BLA	ND4V
N8KOL	113	HB9CEX	G4DBN	K3JRR	NN4RR
PA3AXU	9A1A	HB9CRV	HC1BI	K3PH	NU4I
RZ6MJ	DJ5DT	HB9G	HL3GOB	K4WW	NX7U
UA1ANA	DJ9RR	IK2ANI	JA1AUD	K6MI	PY5CC
UA1CGS	DL8CM	IU8FRE	JA1FGB	K6VKO	RW4UU
UA6XT	DL8DYL	IZ4DIW	JA1NCZ	KB4MRX	RW9QA
UN6T	DL9GTB	JA1SXR	JE8TGI	KC2STA	RX3AGD
W4UCK	G4AFJ	JA7BXS	K0FLY	N2CG	TG9NX
W9HBH	JA0GCI	JF2WGN	K5WAF	N3HBX	UB5ZAL
YL2CZ	JA4ITW	JR7TEQ	K7ORK	N3IQ	UT7KF
114	JH1ORA	K0JPL	K9AJ	N3JB	VU2CPL
AB4GE	K0TPP	K1EDG	KM1R	N4KE	W5WP
BA4DW	K8SL	K1EO	KP4AA	NC6K	WB5TUF
BA7IO	KA4RRU	K1KO	KZ0X	NK7C	WN0L
CT3FN	KH6DX	K4UAS	LA0CX	NY4I	YV3AGT
CU3AK	KI0G	K8CC	N4WJ	RD9M	108
DL6NB	KT1J	KB2FCV	N7BD	SM5BHW	AI2Q
	N6PE	KI4DLS	NA1DX	SV1VS	

AL7R	107	WA0RVK	UU5WW	N4VN	JO1WXO
DL6CNG	4Z5LA	WB6CJT	V73AZ	N6NU	K0WK
ER1LW	DJ8ES	WB8ART	VQ9SS	N7DR	K1BG
G3VAO	DK3FB	WS1L	W1CWU	ND3L	K3FM
HB9BAT	DL1QQ	XE2YWH	W2EQ	ON7PQ	K4KEW
HB9FAN	DL2CHN	YL1XZ	W2LE	OZ4AAL	K4MF
IK0PRG	DL5XU	ZL3RJ	W2NO	PF7M	K4VIG
IZ0BTV	DO4DXA		W3ICM	PJ2/K8ND	K5HK
JA2MOG	EA5AT	106	W4IR	PY2DS	K6UM
JJ2PIK	EA7QW	AA4FL	W5JAY	R6YY	K7TJR
JK1MZT	FG8OJ	AE2U	W5KI	RA6AF	K9EA
K1EP	G4AKY	DJ6OZ	W8OP	RD4WM	KA2BZS
K1XM	G4RGK	DL2NOM	WA4MYO	SP5JXK	KH6KG/W5
K2KQ	I5IHE	DL3JSW	WA6TLA	UA6LCN	KI0KB
K2MK	IT9XTP	DL6JZ	YL2GN	UR1RWX	KW0A
K4SAF	JA5EY	EA1CP	YU3EF	UR2RGN	LZ2XF
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LU2DKT	K4MS	JH2KKW	DO1CTL	WQ5W	NJ9C
LZ3YY	K8LBT	JH6PFY	ES1GO	YU1NR	NN3Q
N4MEC	K8ZR	JJ0NCC	G3YUV		OH4UI
N6RFM	KB9DAK	JR0EQQ	HA8FW	104	PA0GMM
N9SF	KE2R	K0DEW	JA1BWA	9M2AX	RA1QX
N9TF	N2RR	K1PX	JA1TAA	AD1C	RU3UR
NU4Y	N3DAP	K4DSE	JA4EVN	AG4Q	RZ6DX
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R5FY	N6EE	K5ZQ	JA7BME	CP8HD	SM5CCE
R7LA	N8AGU	K8JJC	JA8RRF	CX3CE	SM7CQY
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RX6DX	NA5Q	KK8X	JF1RYU	DL4FAP	UA9FGJ
S57J	NE1F	KK9H	JF2VAX	DL7UPN	US5CAO
SM6AOU	OE1CP	KQ3F	JO4CFV	E73D	UT4EK
UX7UN	OK2BUZ	N0JZ	K1DJ	EA8ZS	UT7EC
UZ6LWZ	OK3CQR	N2CW	K2XF	EI9E	UX4UM
W2UB	R0FA	N2SQW	K5AV	F6AJA	UY0MM
W3NRJ	RN4AA	N3XM	K6DJ	F8GB	VE3VHB
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W8IW	SP6AXW	NI5M	K9RO	HK3O	W3DRY
WA2ALY	US5CB	NS3L	KI5T	IK0DWN	W3TMZ
WA8MOA	VE3OI	OE5CSP	KT2E	IZ4MJP	W5BK
WB8BZK	VK3NX	OH2OT	LZ1JZ	JA1JAT	W5CWQ
WC1M	W3KB	OK1AYU	N2DPF	JA1SDV	W5GJ
WC6DX	W4MAY	OK2BVG	N4JI	JA2FGL	W5ZO
WD9EQU	W6TDX	S57AL	N4NW	JF1EGO	W6PH
WW1WW	W8VK	UR3CRO	N4PL	JF6WTY	W7DR
ZS2DL	W9CPV	UT7UU	N4SC	JK1BSM	WA0I

WA9ETW	RA0FA	K5ZO	AA4NU	LZ1XZ	WK9U
YC0LOW	RA4HT	K7BHM	AC2AC	N0STL	WR2G
YO5ODE	RK3QY	K7UA	AC5O	N2AJ	WV9L
103	RU3OW	K8BHZ	CT1JGA	N5AQ	YO2OXD
AG1I	SM3CBR	KJ6NZ	D44BC	N8AG	YO6BHN
AI3Q	SM6EHY	KN4KL	DH2FW	N9JCS	YV4DYJ
DJ1MM	SM7BHH	KW4BY	DK9WI	NX2X	ZS1J
DJ3GZ	UA3PFN	KY6R	DL1KS	OA4TT	100
DJ7PI	US2WU	LA3ANA	DL3ANK	OE3WQB	9M6YBG
DL2HX	UT2AB	LA6UL	DL5JS	OH3TY	A41ZZ
DL8YRM	VA2ZO	N5RZ	DM3ML	OK1PGF	AA4AK
DM5TI	VA3IC	OH2EA	EA1WX	OK2BOB	AA4UC
DS3HWS	VE3EDY	OK1DTN	EU1TT	OK3EY	AB4VV
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EU6MM	VE3VV	OK3CSQ	G4FJK	ON4LG	AI2S
EW3LB	W0QC	PA7TWO	GM3WTA	PA4WM	DJ6OI
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G3OIL	W1CTN	PY2DO	IK5ZUK	RA4P	DL1TPY
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G4VGO	W5THT	RU3UN	JA1VVX	RK9F	EA2AAZ
I0OSI	W5VU	S59DJK	JA2VMU	RY6M	EA3ALD
JA2GQO	W6SZN	SM6WET	JA6TMU	SM2DMU	EA8AXT
JA2OLJ	YO7APA	SP5MXZ	JA7SFD	SM7NDX	EC5A
JA3FHL	102	T77V	JE1PHH	SP7JLH	EI3ISB
JA8EJO	A6/RV6LNA	UA1AIR	JF1RPZ	SV1PL	ES5NC
JE1SYN	CT4BD	UA1CKC	JH3HGH	UA0FDX	FM5GU
JH1DGQ	DK3QM	UA6HOF	JH3PRR	UG6GAW	G0VXE
JM2RUV	DL3DXX	UA9MR	JH7BKN	UR5WIF	G4CGG
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K5JUC	DL5RDI	W0JMP	K2BX	UT7HA	IK4MSV
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KJ4R	FM5WD	W4ALF	K6XJ	W1GF	JA1ILA
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KM9E	I8LWL	W5TO	K7IA	W3WH	JA5DQH
LX1DA	IT9SFT	W7IUU	K8BN	W4BUE	JA9CGW
N0RU	JA0HXV	WA0IDK	K9JU	W4PM	JF3DRI
N1HOQ	JA8OW	WA1S	K9PG	W5RF	JS6TWW
N9BBQ	K0YN	WD8DSB	KC4PX	W7AV	K0LB
NU1T	K1PTF	WS4Y	KD3UY	W7CB	K0XM
OH3GD	K2LP	WW5G	KE1VT	W8GB	K1NA
OK1DQT	K2TER	YO2CMI	KE4S	W9MAF	K1NZ
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OZ7JZ	K4AQQ	AA2VG	KQ1F	WA3PTF	K3TZV
R9GM	K4KAY	AA3LX	KS4XQ	WB3HLH	K4FT
			LA2GV	WC4H	

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K4KSY	R9JX
K4QS	RA3SD
K4UQC	RA4LW
K7VIC	RA6XB
K8BZ	RC2A
K8CR	RN1A
K8CS	RT5A
K8LE	RU3GF
K9NZ	S53MJ
KB0EL	S59SV
KB1HY	SM0CXU
KC0V	SV1VJ
KC4D	SV2DSJ
KC5LT	TI5CDA
KD8BZY	UA3AKI
KP4N	UA4PAY
KQ5M	UA6CEY
LA8W	UN6P
LU5OM	UR4CW
LU5YF	UR4LRG
MM0SJH	UR8IDX
N0AH	VE1RGB
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
OK1DXD	WB8TGY
OK2PAZ	WU2M
ON4ANN	YB1TJ
ON7EH	YL2SM
ON7GB	YO9FLD
ON9CC	ZP9MCE
OZ1ZD	
PA0INA	
PA7RA	
PY7DJ	