

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 17 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	325 EY8MM K9UWA UA2FF	N1DG OH3SR W2VO	SM6CVX W5IZ	GM3YTS JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 IK4MGP	302 SV8JE
340 K1ZM	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG N4RJ UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX PA3FQA SM3EVR SP3EPK
339 W4DR W4ZV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT VE3EJ	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU SV8CS VA3EF
335 OH2BU R7LV	321 WB9Z	312 OH1MA S54E	306 DL4MCF EA6SX K4CIA SM0AJU WT3Q YU1FW	299 K4TEA N1BUG SV1FJA UX1UA W7UT
334 N4WW	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX	305 CT1EEB JA7NI K4ZW N4IS NN4T SM3GSK UA6A	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ
332 UR0MC	319 N0XA SM4CAN UT5UGR W9ZR	310 I4AVG I4EWH RA3CQ SM5BFJ	304 DJ0MDR GM3GAV	
331 K5UR LZ2DF UT7QF	318 4X4DK			
330 AA1K HA0DU OH1XX R4GM	317 W3LPL			
329 K3UL UA4HBW	316 IK4WMA K5RK		303 F5LGE G0JHC	
328 UA4CC				

RA3DX SM5CEU	290 UA3AKO UT1UY	NA0Y NO3M R3OK SM6DHF	OH3BU ON7TK	SV8BHN
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	276 F6GCP G3LZQ N8RR OK1AWZ VE2TZT	269 K6ND W1ZC
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ KF2O SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
295 K3UA WD5COV	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
294 DL1AMQ JH2FXK JR2KDN LA5HE N0TB RJ3AA	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
293 IK1GPG JH4UYB S58T SM3NRY	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
292 G4BWP IZ0AEG OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 IK6DLK NJ6P SP3DV UX1AA	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	264 IK2YCW IK5HHA K7ZV N3NT R5AJ
291 9A7V I5NPH KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	283 DL7VEE JA5EXW JH4IFF K4SO N7NR		270 AA1V KD5M LA3MHA OE5KE	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP
				262 G0DQS KR9U N5KD W1YY

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S UX0FF	N0AT OM3DX WA4FFW	NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	N4XM N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	OK2ZI OZ4O SP8AJK
260 I1FQH K1LT K4DY UT9FJ	253 5B4AGN IV3YYK JQ3DUE K5ESW R5DT S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET JA5MHD JR3GWZ K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
259 DF4PL G3ZSS IV3ODE K8FL R9FM	252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR PA4VHF S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	239 AJ6T K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF UW5ZM W3LL	234 IK6FWJ JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL N8TR RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IZ8FFA JA1HGY ON4IQ SV1RK	238 AC4G DL8WN IK0XEZ IZ1LBG NI0G RA0FF VO1HP	233 DF6PB DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 AA1QD JH1GZE K1GUN K9NW N4II W9YSX	250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	237 DL7MAE IW1ARB OM4EX WA7NB	232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL K5VRX KY7M ON4AOI SV8GFW W1TSP W3DF	249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H OK1CF	236 AB4I K1JO K5EK K9NR K9ZO KC7V	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 K4QL N2MF VK4MA W3KX W5OZI	248 K2FF K3WW K5RX SM3VAC T77C W9NGA	241 JA0DAI JA1SYY JA3EMU K5ZK KA9CFD		230 JA1CMD JA2NDQ
254 I1EIS	247 K0IEA K6XT NN4X			

KD0Q N8JV SM3NXS W4GF W4VQ	RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R OZ1AXG VE3EXY	W2LK W6YI	RV0AR UW7LL W7JW
229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 IZ8FWN MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	219 IK3VUU JA2FBY JA2FJP OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL WP4U	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI KV7K N1LN RT6T SV2JAO UR5FEO ZS4TX	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU LA7HJA N5ORT RU3ZX RX3APM UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA I3BUI IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K4MWB K6EID K8FH K8ZTT N4PQX N5AW N5JR N8PR N9BX SM0CCM	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS
226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	221 JA2WYN JJ3PRT K8SIX LA7GIA LB8DC N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW
225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH	220 AG8B	215 JH0INP N7JW W0UO	210 I8SAT JA7MSQ JJ2LPV	

205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR W1NT ZL3IX	JE1BMJ JH1QAX JH2UVL K8NVR LA7AFA OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X	DL5ZB DL6ZXG EA3WD HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA WE9R	CT1FMX EA8PP FM5CD K4CN SM0NJO SP7HOV UA7T WA3C
204 9A2NA 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 K1GG K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR	192 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
203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE LA5YJ RW4NN RW7M UY0ZG W0DD W3GG	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
202 DK2LO DL1MGB DL2KQ DL9DRA HB9DDO JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK	199 G0BNR JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA	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
	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC W8HB	193 CT1IUA DF2GH DK1FW		185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO
	197 G3SNN JA0EOK		189 9A2F AA1ON	184 HA5WA

IW0SAF JF1NZW K4HGX K5KLA KB4ET N9RC S57AC US8UA UT2UB W2YJ	W8TN 179 IT9ELD JA9NLE K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	W4GD YO7NE 175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI LA5LJA N7IR PE1L TF3SG VE3FF W8HC WA9PIE WX0V	HB9FMN IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M W3JX W4FQT WC4X 171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK WA3AFS	IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB 167 DK5AD EC3A EI6FR IT9DSZ K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N
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	170 DJ6TK IK0PEA JA6JPS JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI	166 4Z1UF DJ4SO IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU NY0V RM3DA W0DJC W1RR W8ILC
182 DJ9ON DK3UA JA1SHE JA3ENN JR7BDQ N3OC UR3EO	177 9H1SP AE5E CT1GFK K3WC K4RG K5GKC K9NU OK1DWC PY5EW SM6DHU W5LT W7FI WB7B	173 5B4ALJ I1JQJ JE2LPC JE3ENP K1NTR K4XR K9YC KA1J N5FG RC9F UN9L VE6WQ W3IP		
181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK RL3FA SM5FUG SP1MGM W4BP	172 EA7TV G3NKC		
180 4Z5MU DM2DXA DM3VL EA8JF IK4ADE JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP W1RM W2OR W7BEM			169 JA1ADT JR1IZM K1LI N4XX N7US RN3OG UT8MM UY5AA W6RW W7Yaq WB3JFS 168 G3MXJ HB9TKS I2ZGC	

WA8TXT	W1LW	158	W4TV	KS3F
165	W2XL	AA6AA	155	N9OY
DL7UCX	W8WEJ	CT1FCX	DL1RK	S55ZZ
F6HDH	161	DJ4PT	DL4SZB	UA6IGI
IK0AGU	DK2GZ	DL1FKA	JR3OEH	UN7LZ
JE7RJS	DL6RAI	G4GIR	K2LS	UT5AB
JH7CFX	HB9DHK	JH1TWT	N2ZN	VE6LB
K5JZ	IK0FUX	J11FXS	NE0DX	W1SKU
KK4CB	JA1DOF	J11NJC	NW7E	W1VT
N4HB	K1USA	JR1GJP	SM6VR	W6RLL
N9FN	K5GO	K1CA	W2XI	W7AJ
SM4CTT	K8ND	K5TT	WE1P	W9JJB
W5BN	LB2TB	K9GA	WS5W	WB3CQM
164	N4GN	KQ4AV	ZS6EZ	151
GU4YOX	OE5RLM	OZ1HX	154	AA7G
HA7UW	OH6RA	RU6M	3V8SF	DK2OY
HB9BZA	VK3HJ	SM4EMO	GM3PPE	EI9JF
JA1RTX	YU2TW	W0SZ	IZ3ENH	F3SG
JA7ZP	160	W1OX	JA8NFV	HB9SLO
JH2SON	AD5Q	W3GQ	K0KVR	JA6BEE
K1NJ	DK1WB	W4QN	KR2Q	JH1NYM
N5WA	DL1DA	157	NX8Y	JR1XIS
RA3ZH	EA3GP	AA4H	SV1CNS	K2AX
W4DKS	IW2FND	AC6DD	W1NA	K2FW
W4NS*	JA2EPW	DL4MM	W5DNT	K8ROX
WP4G	JE2DZC	EA5BY	YS1RR	N5JB
WW3S	JE2OVG	G3TQZ	153	OK1ATP
163	JF2XGF	HB0CC	AJ9C	RD3A
9A2JK	JR7MAZ	JA1GHH	CU2AP	RU3A
DJ9HX	K3MSB	JH7IAJ	DF2RG	S54A
JE2LUN	K3RA	LY5A	DL1DUO	SP7AWG
JH4CPC	NR4M	N5MOA	DL3ZA	SV9AHZ
K7NN	RU6L	NE9Z	G3TJW	W7CT
K8TL	UA0FZ	RU4UR	HL2CFY	W7RH
OK2QA	UX5UO	SM3PHM	JF1IRW	WA1Z
RW3RN	W1BR	SV8ZS	JR9OPJ	WA2BCK
UR4CWQ	W5XC	W2TA	K7SP	150
VE3CFK	W9RN	W5GZ	K8VFX	EA1AF
W7AL	WX0B	WS7L	KD0PO	IV3RAV
162	159	YV2IF	LZ1PM	JA1SVP
4O3A	DL6MRS	156	N4TV	JA2NQG
9A4W	JA4FKX	AB9V	N5TW	JL1UXH
F3AT	JA9APS	FM5BH	N8II	K0RS
HB9BUN	JH6QFJ	IZ8IEV	R9OK	K1OA
IZ4DPV	JL1RUC	JE3GRQ	SM6CLU	K5TR
JA6GIJ	K4RO	JO7HAM	SP5CCC	K5VWW
JH4ALY	OK2ZV	K0QC	UT5UY	K7LV
JR5JAQ	UN7JX	K8YSE	WB8BPU	K8AJS
LB6KC	W3HKK	KS1J	152	KU4XO
N8MR	W6BJH	N3RC	EW2A	LA6OP
VE7SL	W7SX	N3UA	JA2VQF	N3QE
W0HT	WD5BJT	N7WS	JT1CO	N9CO
W0TT		UA3SAQ	K9MK	OE8SPW
		VA3LX		ON6AA
		W1YIF		SQ5EBM

UA6YW W2/CT1GIF W6DAO WW2DX	K5SM K6NR K7WP N7BT OH1JP RU0SN W1IZL W1ZT	W7ZI W8RLS WC5M WD5T YO3CD	SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	JA3OOK JF3LOP K1RO KJ6P LB5WB NA5DX OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM
149 DL7CX HB9HFN IOJBL IK4FNF JL1ARF K3TN K4YYL K7HP K8ME R8TX SM6CUK UW7UA W0GG W7HPW WB8B WD5K YO3DDZ	145 AF4HX HI3T IT9ZZO JE6TSP JH4HMG JH7RXU JJ3HGJ JK1AJX K3VAT K4OY K8BL KF6HI KR0P N1CGP N4GG N6PSE N8OC OE6VIE RT0F SM3DTR W5ADD	143 DL6EN HB9RYZ IK8GYS IT9BLB K7CMZ K7CW N2RJ N5UW N6PAT NN4R W0IZ W6QUV WB8CQV WB8ZRV WD9DZV	140 9A1CAL JA4OK K5WK K6KLY KF8DX N4XP OH6NIO ON7DR UN1L VE6SV W0SEI W4NU W7IV W8LWU WO2T YL2MU YO9FNP	137 EA1YO GM3YOR IZ2FOS JA3APU K2QMF K8NS RA3CO RG7G UU1JA W1ITU W5ODD WB5JID
148 DK2CC F5CQ F5LVL F5PAC G4FTC JA9RRH JH1QDB N2WB N5XZ NE3F W5FKX	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ HS0ZEE I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C LA9GX LA9VFA N1IX N2WM N3KK SM4OLL SM5CLE W4GE	142 AB9M I5HOR JA2ATE JH0BQX JR7WFC K3PP K4WZ K6EME KK1W KM3T MM0SAJ N7QT NA4D NQ7R NY2NY OK1DO W2OO W5LUA W5VQ WA5POK	139 DF7EE DJ4XA DL5EBE DL8OH DS1JFY HB9CQK JA1TMG K2RET K3ANS K6AM K8GI K8RF KA8SYV KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	136 E72U ER0FEO HB9IQB IK8CNT IU0HDC K0TV K4ZO K7TM KR6C OK1DW SM3GQP SM5OJH SP2BMX SP6JIU UT3UZ UW8SM W2OIB WB7QXU
147 IV3VBM IZ0RVI JA1XQC JN1BMX K8UT KM1H N1IBM NA5C PC3T W1OP W2KKZ		141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JH1HHC JH4JNG JI1DCW JR2LJO K2RW NJ3K	138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC	135 5B4MF BA4RF DJ9ZB F6FXU IZ7EVZ JA2KVD JA7LMZ
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K5KV				

JA8BNP	JA9AGN	N4QWZ	128	W3FOX
JA8JL	JR6FC	N5PHT*	AA4SC	W3MF
K1ZE	JR7FRW	N6RK	DM2RM	W8LMG
K4TT	K2CDJ	ON4ON	IK2SGB	XE1KK
K4ZRJ	KS4YT	PY5EG	JA1XCZ	126
K7FL	KU2A	R0SR	JA2AHH	DJ8WD
K7XB	OE1KM	R9MJ	JA2KSP	F8BPN
NZ9R	RA5BM	R9SA	JA5FDJ	G4IUF
R3VA	RV4LC	W8DCH	JA9AA	JA7KY
R7LP	UQ2PZ	W8KA	JE1LFX	JH3CUL
RN3RQ	VE3WT	ZS1A	JH4GJR	JJ1DWT
SM3LGO	W0NFL	130	K0FF	K2ZD
SM5CZK	W2QO	DF9ZW	K3XA	K4JKB
SP3XR	W5AJ	E73M	K4JAF	K4XU
SV5DKL	132	EI2JD	K4SE	N8NA
UB3A	AA4NC	G7VJR	K6LPO	OK3CQD
W1DIG	AD6W	HK0HEU	KG7CW	PA5TT
W1EQ	G3UHU	IK3XJP	KM4NS	VE3CX
W2GD	IK3VBB	JA2FBC	N5KM	VE7BV
W4BUW	IT9RDG	JG1DUZ	OZ1IKY	W8REW
W4MBD	K6YUI	JI4POR	R9SG	W9ILY
W4RFZ	K9ZM	K2MYR	S53X	WB2REM
W6DR	N6HY	K3NK	S55DX	WD4LBR
W6JTI	OZ2RH	K7LFY	SV3DCX	YU1EXY
WE4S	SM4BZH	K8BCK	US8UW	125
134	SM6BGG	K9GL	VQ9LA	9A1AD
CT3HF	SP6M	KO8SCA	W2WC	AG1A
HA1RB	VE3CRG	NA4EA	W4IS	GW3TMP
IK4DCS	W4AXL	NO9E	W6RKC	HK4SAN
JA7LGE	W4RBO	OZ2ABI	WB0O	IW0HEX
K1TO	W4WM	R5QA	ZS6UT	JA4IYL
K1ZN	W5SL	R9AB	127	JA6VU
K3OX	W7AH	RU1AO	AC9EM	JE1TSD
K5VIP	W7CD	S51NM	CT3KN	JE6UWU
KX4TT	W9FR	TA1CM	HK1MW	JF2WXS
N9MR*	WB3D	VE3DO	JA1DDH	JH1AGU
N9RS	XE2S	W2MPK	JA1WLO	JJ4WAO
OE1TKW	131	W9ZT	JA8RJE	K1HAP
OH1ZK	DK7YY	129	JA9KRO	K5KG
ON4CAS	DL9FCY	HB9AZZ	JH3AIU	K9GWH
PY5HOT	HS1NGR	JA1NWD	JN1RQV	KA6BIM
RG6G	IV3KFB	JA8JO	JS2LHI	KI4WCQ
RX4HW	JA0AOO	JK1EXO	K0RW	LZ1XL
SM0BYD	JA2TBS	K6XM	K3TRM	N2KA
UA0ACG	JH4ADK	K8DV	N1AC	N3EN
W4JKC	JJ1TEA	LB7ZG	N1GC	N4JT
YU1AM	JM1FHL	N0YY	N9RD	ND5S
133	K1UU	N2BJ	OE3SGU	NW6S
9K2NO	K6SIK	N3KS	OE8HIK	OE1AZS
EU1U	K9DR	N3RR	SK7AX	RA0BA
G4XEE	KC2LSD	PA3EWP	SP6A	UU7JM
IK5DNF	KH2L	W0YVA	SP7ASZ	VE3UTT
IZ8DFO	KM3V	W7QHE	W0CP	W5DAW
JA6CBG	KM4H	W8MET	W0RT	W9CG*
JA7GLB	N3MK	W8MK	W1OPD	W9DX
			W3BG	

WV4TN	W4NF	W9FI	HB9AAQ	117
YO2RR	W8NJR	W9XX	HB9BCI	9K2OD
124	XE1H	W9YE	I2TZK	9Y4VU
AA7XT	122	WA1PMA	I4MKN	AE0P
AB1OC	G3NDC	WY1G	IK0ZIO	BH4IGO
J11DHY	IU0LFQ	XE1VIC	JA3AZD	DL1DWT
KD2T	JA1MRM	120	JA4XGC	G3PLP
KD4POJ	K1BZ	9A5F	JE2JMV	IT9DAA
KZ5DX	K1ESE	AA4DD	JH6CDI	JA1HQT
NA2U	K1YT	AA5JF	K3NF	JA4FM
PA0TCA	K2MP	AL7TC	K5UZ	JA7GYP
UA0BA	K7ZA	DL2VWR	K7EG	JA7IC
VA7CRZ	LA7WCA	FG5FR	K8KWT	JM3GXU
VE1DUN	LA8PT	HB9BLQ	N0KV	JR2UBS
W2JU	N3NR	IZ0LKV	N4DJ	K2BB
W2RIJ	N9AW	IZ5NFD	N9UA	K6PJ
W3FM	NN7X	JA4EPE	NT2A	K8OOK
W6CYX	OZ3Y	JR3UIC	NY7T	K8QM
WB8K	RD4A	JR6LLN	OH5NG	K9FN
WT4Q	SP9WZS	K2BA	OK1DT	N2JJ
123	UU4JMG	K2HK	R6FFB	N4IR
AC4TO	VE6AX	K3QIA	SV1ACK	N8AA
DL7JRD	VK4CAG	K9SG	W4HZ	N8XI
F4GTB	W2TB	KA8ZPE	W8FIB	NY4G
G4WFQ	WA3I	N4BAF	WC2K	ON5UE
G5LP	WA7BNG	N4LR	XE1RCS	OZ5HP
HB0WR	121	N4TB	118	SM7BIC
IK2CHZ	AA6RR	N4UFP	5T5PA	SP8HKT
JA0CRG	AA8CH	OE3EVA	AB2E	UA6J
JA1SJV	DF1DB	OZ2A	DL5OCE	UR9IDX
JA3MHA	DK1EI	PZ5RA	JA4FHE	W3ICM
JA6WJL	DK6CQ	RL3BZ	J18DGO	W4ZRZ
JR1EBE	EI2GLB	SP3PLD	JN7DOS	W6SL
K2PK	HB9DHG	SP7ITB	K3WGR	W8ZR
K3FRK	IT9AAI	SV1IW	K4CNW	W9HBH
K3XO	JA2HYD	UR5IKN	K5XM	WA2USA
K4ZIN	KD8RQE	US0YA	K7PI	116
K5GH	KG9Z	US1CT	K8LN	AJ4F
K5JC	KV4AA	VE3YF	K8WVA	DL7URH
K6FW	N0OK	W0RX	KD6UO	EA5BRE
K7UT	N1JP	W2YR	KG8CW	HA7PF
K9CS	N3ND	W3OA	LZ2HM	HB9EFK
KV4T	N4TL	W4PRO	N2MM	IK0EIE
N2ED	N6HC	W6RFL	N5BO	IK2OHG
N4DWK	N8PW	W7RN	N6MB	IK7YZG
N6MZ	SV1AHX	WP3R	PY2PA	IT9TQH
N9JV	SV1FKZ	ZL4AS	RN3TT	IV3HYD
N9LQ	UQ1GWW	119	SV9COL	JA1WTI
NA2P	UT4EO	AA3AZ	TA2RC	JE2EHP
NA9RB	UU2JQ	AE3T	W1KSZ	JH3GCN
S50B	VA3AYA	AJ4A	W4DAO	K1DC
UA3DK	W0QQ	DK3GG	W4NJ	K1RI
UR9QQ	W2GG	DL9OBY	W5JMW	K6RO
UT3QU	W3RJW	EW4M	W5VY	KT1V
W1AO	W6XI	G4DJJ	WX3P	KV1J
			YO4AUL	NA9Q

OH8LXT	G3SDL	R7NA	W1HEO	WB9EEE
OZ1LCG	HP3TA	RA4UN	W2CVW	YL3DQ
PA0JSE	I5OYY	RZ3AUL	W2SKI	YO6HOY
RV3ID	JA1OVD	SM5ARL	W3UL	
TZ4AM	JA4BXL	SP3EPG	W4VHF	110
UA4PCM	JA4KDT	SV1JFV	W5VX	BA4MY
W1ENE	JH6WMJ	SV2AVP	W6KK	DL1VDL
W1WEF	K1RV	UN7TW	W6TC	EA5BYP
W7GG	K2DC	VE3KI	W8GEX	F5BAR
W7OEV	K2HAT	W2GW	W8HMK	G3LNS
W8LRO	K3MD	W6BK	W9SE	G8AJM
WQ5L	K3OSX	W8FAX	WA8OLN	HI8R
	K5CD	W9VNE	WT9U	I2BBJ
115	K5RJ	WA2BOT	ZP6CW	IK5RUN
C6AGU	KB8U	WA4DOU		IK8UHA
CU2CE	KZ4V	WB2HJV	111	IZ2EWR
DL9GOA	N1QY	WB2UFF	AA4U	J68HZ
G8BCG	N3MN	WS4C	AF4OX	JA7EPO
G8DX	N4IQ	ZL1BYZ	CU3AN	JE2UFF
HA5UK	NU8Z		DG7RO	JH1VHU
HK3PJ	UA3FT	112	DK2WH	K2BLA
IZ0CKJ	W0VX	A92IO	DK6ED	K3JRR
IZ7JVR	W3MR	DJ1RL	DL1HRN	K3PH
JA2KNW	W4TUN	DK5RL	EV1R	K4WW
JA3NHL	WA1FCN	DL5CL	F6ECI	K6MI
JA5WIZ	WA4CEM	EA1JO	G4DBN	K6VKO
JG3LGD	WA8MCD	EW1DO	HC1BI	KB4MRX
JH1RFM	WA9YYY	G3XGC	HL3GOB	KC2STA
K0GD	WN9O	HB9CEX	JA1AUD	N2CG
K0SD	XE1RBV	HB9CRV	JA1FGB	N3HBX
K4CMS	XE3ARV	HB9G	JA1NCZ	N3IQ
K4GHS		IK2ANI	JE8TGI	N3JB
K4GK	113	IU8FRE	K0FLY	N4KE
K8YTO	9A1A	IZ4DIW	K5WAF	NC6K
LY4T	DJ5DT	JA1SXR	K7ORK	NK7C
N0IRM	DJ9RR	JA7BXS	K9AJ	NY4I
N4OA	DL8CM	JF2WGN	KM1R	RD9M
N8KOL	DL8DYL	JR7TEQ	KP4AA	SM5BHW
PA3AXU	DL9GTB	K0JPL	KZ0X	SV1VS
RZ6MJ	G4AFJ	K1EDG	LA0CX	UA3O
UA1ANA	JA0GCI	K1EO	N4WJ	US7MM
UA1CGS	JA4ITW	K1KO	N7BD	W0UY
UA6XT	JH1ORA	K4UAS	NA1DX	W3XY
UN6T	K0TPP	K8CC	UR6QA	W4DC
W4UCK	K8SL	KB2FCV	VE6KC	W4NE
YL2CZ	KA4RRU	KI4DLS	VE7CT	W5ZPA
	KH6DX	KM1C	VE7UF	WL7E
114	KI0G	LA8HGA	W0VHF	XE1FAS
AB4GE	KT1J	N5ZC	W1FO	YU7AU
BA4DW	N6PE	N6MA	W4HOG	ZL3NW
BA7IO	N7KO	N9HF	W4OX	
CT3FN	N9ISN	RU4SU	W5AQ	109
CU3AK	NA3F	SM3DMP	W7VS	DF1KG
DL6NB	NG0G	UA1ACG	W8MIL	EA3GHZ
DL6UAA	NI5F	UA1CEI	W9RB	EU4T
EI8IU	NK5B	UT6UD	WA2MUA	F8EZE
F6CWA	NZ3M	VE7XF	WB4TDH	G3SVD

IW0HQE	KZ1W	K8ZR	K4DSE	JF1RYU
JA2CXF	LU2DKT	KB9DAK	K5AM	JF2VAX
K2CJ	LZ3YY	KE2R	K5ZQ	JO4CFV
K2ONP	N4MEC	N2RR	K8JJC	K1DJ
K4RDU	N6RFM	N3DAP	KD9HL	K2XF
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K5FZ	N9TF	N6EE	KK9H	K6DJ
K5KA	NU4Y	N8AGU	KQ3F	K7OX
K5KPE	PA0ZH	N9PGG	N0JZ	K7PO
K6MW	R5FY	NA5Q	N2CW	K9RO
KA9UVY	R7LA	NE1F	N2SQW	KI5T
KE1F	RA1OHX	OE1CP	N3XM	KT2E
N1BZ	RX6DX	OK2BUZ	N8AID	LZ1JZ
N2WLG	S57J	OK3CQR	NA5Z	N2DPF
N7TY	SM6AOU	R0FA	NI5M	N4JI
N8NN	UX7UN	RN4AA	NS3L	N4NW
ND4V	UZ6LWZ	RV6ARZ	OE5CSP	N4PL
NN4RR	W2UB	SP3BQD	OH2OT	N4SC
NU4I	W3NRJ	SP6AXW	OK1AYU	N4VN
NX7U	W4ZYT	US5CB	OK2BVG	N6NU
PY5CC	W7ACD	VE3OI	S57AL	N7DR
RW4UU	W8IW	VK3NX	UR3CRO	ND3L
RW9QA	WA2ALY	W3KB	UT7UU	ON7PQ
RX3AGD	WA8MOA	W4MAY	UU5WW	OZ4AAL
TG9NX	WB8BZK	W6TDX	V73AZ	PF7M
UB5ZAL	WC1M	W8VK	VQ9SS	PJ2/K8ND
UT7KF	WC6DX	W9CPV	W1CWU	PY2DS
VU2CPL	WD9EQU	WA0RVK	W2EQ	R6YY
W5WP	WW1WW	WB6CJT	W2LE	RA6AF
WB5TUF	ZS2DL	WB8ART	W2NO	RD4WM
WN0L		WS1L	W4IR	SP5JXK
YV3AGT	107	XE2YWH	W5JAY	UA6LCN
	4Z5LA	YL1XZ	W5KI	UR1RWX
	DJ8ES	ZL3RJ	W8OP	UR2RGN
108	DK3FB		WA4MYO	VE1PZ
AI2Q	DL1QQ	106	WA6TLA	VR2MY
AL7R	DL2CHN	AA4FL	YL2GN	VY2ZM
DL6CNG	DL5XU	AE2U	YU3EF	W1LE
ER1LW	DO4DXA	DJ6OZ		W1LY
G3VAO	EA5AT	DL2NOM	105	W1MRH
HB9BAT	EA7QW	DL3JSW	DF2PI	W4OWY
HB9FAN	FG8OJ	DL6JZ	DF8AA	W6FF
IK0PRG	G4AKY	EA1CP	DJ3XD	WQ5W
IZ0BTB	G4RGK	EA3CCN	DJ6KH	YU1NR
JA2MOG	I5IHE	HA8DZ	DL4ZAB	
JJ2PIK	IT9XTP	IW3GJF	DL6XK	104
JK1MZT	JA5EY	JA1VLK	DO1CTL	9M2AX
K1EP	JA6OXT	JA2MNB	ES1GO	AD1C
K1XM	JA8JTH	JE6IGP	G3YUV	AG4Q
K2KQ	JH9DRL	JG3HBO	HA8FW	AH0U
K2MK	JR1BAS	JG5RVQ	JA1BWA	CP8HD
K4WY	K0MD	JH2KKW	JA1TAA	CX3CE
K4YJ	K1TZQ	JH6PFY	JA4EVN	DK3BK
K6UT	K3SW	JJ0NCC	JA6VA	DL4FAP
K8OM	K3YBN	JR0EQQ	JA7BME	DL7UPN
KM8AM	K4MS	K0DEW	JA8RRF	E73D
KN4JX	K8LBT	K1PX	JA9APM	EA8ZS

EI9E	W1QA	OH3GD	K4AQQ	AC5O
F6AJA	W3DRY	OK1DQT	K4KAY	CT1JGA
F8GB	W3TMZ	OK2BQU	K5ZO	D44BC
G3BRD	W5BK	OK3BRK	K7BHM	DH2FW
HB9CIP	W5CWQ	OZ7JZ	K7UA	DK9WI
HK3O	W5GJ	R9GM	K8BHZ	DL1KS
IK0DWN	W5ZO	RA0FA	KJ6NZ	DL3ANK
IZ4MJP	W6PH	RA4HT	KN4KL	DL5JS
JA1JAT	W7DR	RK3QY	KW4BY	DM3ML
JA1SDV	WA0I	RU3OW	KY6R	EA1WX
JA2FGL	WA9ETW	SM3CBR	LA3ANA	EU1TT
JF1EGO	YC0LOW	SM6EHY	LA6UL	G3ZFC
JF6WTY	YO5ODE	SM7BHH	N5RZ	G4FJK
JK1BSM		UA3PFN	OH2EA	GM3WTA
JO1WXO	103	US2WU	OK1DTN	HB9NL
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K3FM	DJ1MM	VA3IC	PA7TWO	IV3KCB
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K4MF	DJ7PI	VE3MFA	PY2DO	JA2VMU
K4VIG	DL2HX	VE3VV	R2AB	JA6TMU
K5HK	DL8YRM	W0QC	R3IS	JA7SFD
K6UM	DM5TI	W0UVC	RU3UN	JE1PHH
K7TJR	DS3HWS	W1CTN	S59DJK	JF1RPZ
K9EA	EA7SG	W4AVY	SM6WET	JH3HGH
KA2BZS	EU6MM	W4MZ	SP5MXZ	JH3PRR
KH6KG/W5	EW3LB	W5THT	T77V	JH7BKN
KI0KB	G3BDQ	W5VU	UA1AIR	JI3KDH
KW0A	G3OIL	W6SZN	UA1CKC	K0LW
LZ2XF	G4AAW	YO7APA	UA6HOF	K1YR
N3ER	G4PUQ		UA9MR	K2BX
N3TR	G4VGO	102	UA9UCO	K3SEW
N4GU	I0OSI	A6/RV6LNA	UW7CN	K4NNX
N4TTE	JA2GQO	CT4BD	VE2FYR	K5DNL
N6PF	JA2OLJ	DK3QM	W0JMP	K5WE
N6WM	JA3FHL	DL3DXX	W1AW	K6AAW
N8MZ	JA8EJO	DL3NCR	W1PV	K6XJ
N9DR	JE1SYN	DL4CW	W2LW	K7AR
NJ9C	JH1DGQ	DL4KUG	W2TX	K7IA
NN3Q	JM2RUV	DL5RDI	W3EKT	K8BN
OH4UI	K0EOO	EA8AKN	W4ALF	K8YYY
PA0GMM	K2UVV	EI4DQ	W4KK	K9JU
RA1QX	K4LQ	EI6GF	W5TO	K9PG
RU3UR	K5JUC	ES5RW	W7IUV	KC4PX
RZ6DX	K7BTW	F6BWO	WA0IDK	KD3UY
RZ6LB	K8CCV	FM5WD	WA1S	KE1VT
SM5CCE	K9MUG	HB9AHL	WD8DSB	KE4S
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SO5AS	KE1IU	IT9SFT	WW5G	KN6J
UA9FGJ	KJ4R	JA0HXV	YO2CMI	KQ1F
US5CAO	KJ7WY	JA8OW	YO2IS	KS4XQ
UT4EK	KM9E	K0YN		LA2GV
UT7EC	LX1DA	K1PTF	101	LZ1XZ
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UY0MM	N1HOQ	K2TER	AA3LX	N2AJ
VE3VHB	N9BBQ	K2TK	AA4NU	N5AQ
W0YBS	NU1T	K3KG	AC2AC	N8AG

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OE3WQB	AA4AK	KD8BZY	UN6P
OH3TY	AA4UC	KP4N	UR4CW
OK1PGF	AB4VV	KQ5M	UR4LRG
OK2BOB	AC4VM	LA8W	UR8IDX
OK3EY	AI2S	LU5OM	VE1RGB
OK4MM	DJ6OI	LU5YF	VE3OAT
ON4LG	DK8MM	MM0SJH	VE7JKZ
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RA3AH	DL1TRK	N0ATQ	VR2PX
RA4P	DU7ET	N1KI	W0GYH
RA4SD	EA2AAZ	N1MD	W0MU
RB7GG	EA3ALD	N2SG	W1AN
RK9F	EA8AXT	N2XQM	W1YRC
RY6M	EC5A	N3AF	W2CCC
SM2DMU	EI3ISB	N4CRI	W3BBO
SM7NDX	ES5NC	N4ZR	W4HHN
SP7JLH	FM5GU	N7DED	W4OEP
SV1PL	G0VXE	N7TK	W4OV
UA0FDX	G4CGG	N8IL	W6WA
UG6GAW	GM3ZSP	N8NB	W7DT
UR5WIF	I2VGW	N8OQ	W7JET
UR7CQ	IK0HFO	N9ADG	W8CNL
UT1CC	IK4MSV	NA6O	W8FN
UT4IS	IS0/YO3RA	NB3R	W8GDQ
UT7HA	IT9CVO	NG7A	WB4SON
VE2OJ	IW0BYL	NJ3I	WB8TGY
VE3ARF	JA1BRK	NN4SS	WU2M
VE3XB	JA1CPU	OE5JDL	YB1TJ
VK2GR	JA1ILA	OK1DXD	YL2SM
W1FC	JA4FSH	OK2PAZ	YO9FLD
W1GF	JA5DQH	ON4ANN	ZP9MCE
W2SF	JA9CGW	ON7EH	
W3WH	JF3DRI	ON7GB	
W4BUE	JS6TWW	ON9CC	
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W5RF	K0XM	PA0INA	
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W7CB	K1NZ	PY7DJ	
W8GB	K2CBI	R3PJN	
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W9ZCL	K3TZV	RA3SD	
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WB3HLH	K4KSY	RC2A	
WC4H	K4QS	RN1A	
WK9U	K4UQC	RT5A	
WR2G	K7VIC	RU3GF	
WV9L	K8BZ	S53MJ	
YO2OXD	K8CR	S59SV	
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YV4DYJ	K8LE	SV1FJP	
ZS1J	K9NZ	SV1VJ	
	KB0EL	SV2DSJ	
	KB1HY	TI5CDA	