

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 25 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	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 UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK
339 W4DR W4ZV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA 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			
328 UA4CC				

RA3DX SM5CEU	290 UA3AKO UT1UY	NO3M R3OK SM6DHF	SP9DWT	SV8BHN
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	276 F6GCP G3LZQ N8RR N9IW 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 SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
295 K3UA	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU KF2O W6UB	267 G4OBK LU8DPM RW0LT RZ3DX SP5DIR W1GL
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	286 DJ2YA K3SX N3SL PA0WRS UA3AB UR5WA 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 JH4UYB S58T SM3NRY	285 G4CCZ K5XI	278 DK0EE F6BEE HB9AMO JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP YO5BRZ
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 NJ6P SP3DV UX1AA	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	264 IK2YCW K7ZV N3NT R5AJ
291 9A7V I5NPH KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y			263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP
			270 AA1V KD5M LA3MHA OE5KE	262 G0DQS IK5HHA KR9U N5KD W1YY

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

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	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 WP4U 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 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 K4MWB 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	LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR W1NT ZL3IX	JH1QAX JH2UVL K8NVR LA7AFA OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X	DL6ZXG EA3WD HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	K4CN KB1EFS SM0NJO SP7HOV UA7T WA3C
204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U W18A	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	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 CT1FMX JA1KQX 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 K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W3GG	195 EA3JL EA5RM G3ZEM JA1EOD JN7FAH K3PA K7SO K9RT KF8UN N1SV W5ZG W9OP WN6W	191 CT3MD JA1ANR K0BBC K0JGH K8FC K9LA RK2FWA WE9R	187 AJ1H JA8DNV K0SR K6SRZ KN5O N2NS OK1CZ SP3FAR W7AWA
202 DK2LO DL1MGB DL2KQ DL9DRA HB9DDO JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV	199 G0BNR JA2DPC K6G XO KB8VAO N4DW W1TO YO2DFA	194 JA1XEC K4KDX K9JF KB9LIE OH2IS SM7GIB W2LO W4FC WD8JJA	190 IZ8XQC JA0VSH JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV	186 IK2QPR JA2LCP JA2ZL K0BJ K7LAY YL2TW
	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC W8HB	193 CT1IUA DF2GH DK1FW DL5ZB	189 9A2F AA1ON EA8PP FM5CD	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO
	197 G3SNN JA0EOK JE1BMJ			184 HA5WA JF1NZW

K4HGX	179	W4GD	JG3IWL	JE7JDL
K5KLA	IT9ELD	YO7NE	K0DEQ	JF2UPM
KB4ET	IW0SAF		K1BD	K4XD
N9RC	JA9NLE	175	K6FG	K5QY
S57AC	K0TT	JA1CHN	KJ0M	K8RYU
US8UA	K8WK	JG0CQK	VE6WQ	KR4F
UT2UB	N2PK	JH2QMT	W3JX	N4QQ
W2YJ	OK1MG	JS3CTQ	W4FQT	N8BJQ
	S57UN	K4DLI	WC4X	PA7F
183	SM4DDE	LA5LJA		SP5GH
CT1FPQ	SV3FUP	N7IR	171	SP6EQZ
HK3W	W8KEN	PE1L	AA9D	SV2AEL
IT9INO		TF3SG	DL6KR	W4SVO
K8RRT	178	VE3FF	G0EHO	W6VX
K8VC	4Z5CX	W8HC	HA9PP	W8OI
N9MB	EA3CJ	WA9PIE	JA6HUG	WA0MHJ
NN2L	JA4MRL	WX0V	JR1TNE	WA5YNB
ON6SAS	JL1SAM		K1NU	
W2FP	K2UR	174	KI5BLU	167
W8NW	N7XR	JA0GJJ	N0RN	DK5AD
	NE0U	JA1PPW	N4OGW	EC3A
182	SM7DLK	JA2XW	N7RO	EI6FR
DJ9ON	SV1JG	JA7MOL	RA3DNC	K6KO
DK3UA	W6NWS	JF7DZA	SV1LK	K8NK
JA1SHE	W7MEM	JK1OPL		K9MBQ
JA3ENN	ZS1LS	JR6PGB	170	N0IJ
JR7BDQ		K1KI	DJ6TK	N3BNA
N3OC	177	K2KA	JA6JPS	OH2BLD
UR3EO	9H1SP	K3AJ	JF1WPB	PA3C
	AE5E	K4TR	JM1GYQ	RA1AOB
181	CT1GFK	K4WS	K6ZZ	RN9N
DK3WW	K3WC	N1EN	N4PY	S51EC
JA2BDR	K4RG	OE1WHC	SP3GTS	W1YW
JA9TWN	K5GKC	RN7F	SV3KH	WA4LOX
JN4MMO	K9NU	UA3LNM	W9EVI	WB0TEV
K2EP	OK1DWC	W8UV	WA3AFS	WC5N
LZ2ZG	PY5EW	W8VVG		
VE3OSZ	SM6DHU	WT8C	169	166
W9AJ	W2OR		IK0PEA	4Z1UF
	W5LT	173	JA1ADT	DJ4SO
180	W7FI	5B4ALJ	JE2LPC	HB9FMN
4Z5MU	WB7B	I1JQJ	JR1IZM	IV3TDM
DM2DXA		JE3ENP	K1LI	JA1FNA
DM3VL	176	K1NTR	N4XX	JA9LJS
EA8JF	EU1AB	K4XR	N7US	K1KA
IK4ADE	G0BLB	K9YC	UT8MM	K3KY
JE2URF	I6FLD	KA1J	UY5AA	K4JLD
K6SSS	JA0DET	N5FG	W6RW	K4PB
K7BG	JA5IU	RC9F	W7Yaq	K4WA
LA9AJA	JA6BJV	UN9L	WB3JFS	K4ZYU
N1RR	JA8KSF	W3IP		RM3DA
N4AH	K8MN		168	W0DJC
ON5FP	N5OK	172	G3MXJ	W1RR
W1RM	RL3FA	EA7TV	HB9TKS	W8ILC
W7BEM	SM5FUG	G3NKC	I2ZGC	WA8TXT
W8TN	SP1MGM	IZ5MOQ	IK2EGL	
	W4BP	JA3FGJ	JA6VQA	

165 DL7UCX F6HDH IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V SM4CTT W5BN	W8WEJ	DL1FKA G4GIR IT9DSZ JH1TWT J11FXS J11NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 DL1RK DL4SZB K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ	N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G WW3S	161 DK2GZ DL6RAI HB9DHK IK0FUX JA1DOF K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW		154 3V8SF GM3PPE HB9BUN IZ3ENH JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT YS1RR	151 AA7G DK2OY EI9JF F3SG HB9SLO JA6BEE JH1NYM JR1XIS K2AX K2FW N2ZN N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK
163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA RW3RN UR4CWQ VE3CFK W7AL	160 AD5Q DK1WB DL1DA IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	157 AA4H AC6DD DL4MM EA5BY G3TQZ HB0CC JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	153 AJ9C CU2AP DF2RG DL1DUO DL3ZA G3TJW HL2CFY JF1IRW JR9OPJ K7SP K8VFX KD0PO LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA1SVP JA2NQG JL1UXH K0RS K1OA K5TR K5VWW K7LV K8AJS KU4XO LA6OP N3QE N9CO OE8SPW ON6AA SQ5EBM UA6YW W2/CT1GIF
162 4O3A 9A4W F3AT IZ4DPV JA6GIJ JH4ALY JR5JAQ LB6KC N8MR VE7SL W0HT W0TT W1LW	159 DL6MRS 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	152 EW2A JA2VQF JT1CO K9MK KQ4AV KS3F	
	158 AA6AA CT1FCX DJ4PT			

W6DAO WW2DX	K5KV K5SM K6NR K7WP N7BT OH1JP RU0SN W1IZL W1ZT	W8RLS WC5M WD5T YO3CD	SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	IK8EPC JA3OOK JF3LOP K1RO KJ6P LB5WB OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM
149 DL7CX HB9HFN IOJBL IK4FNF JL1ARF K3TN K4YYL K7HP K8ME K8ROX 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 N2WM 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 W9JJB	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ HS0ZEE I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C LA9GX N1IX N3KK SM4OLL SM5CLE W4GE W7ZI	142 AB9M I5HOR JA2ATE JH0BQX JR7WFC K3PP K4WZ K6EME KK1W LA9VFA MM0SAJ N7QT NA4D NQ7R NY2NY OK1DO W2OO W5LUA W5VQ WA5POK	139 DF7EE DJ4XA DL5EBE DL8OH DS1JFY HB9CQK JA1TMG K2RET K3ANS K6AM K8GI K8RF KA8SYV KM3T KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	136 E72U ER0FEO HB9IQB IK8CNT IU0HDC K0TV K4ZO K7TM KR6C NA5DX OK1DW SM3GQP SM5OJH SP2BMX UT3UZ UW8SM W2OIB WB7QXU
147 EA3GP 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	135 5B4MF BA4RF DJ9ZB F6FXU IZ7EVZ JA2KVD JA7LMZ

JA8BNP	JA7GLB	N3MK	128	W3FOX
JA8JL	JA9AGN	N4QWZ	AA4SC	W3MF
K1ZE	JR6FC	N5PHT*	DM2RM	W8LMG
K4TT	JR7FRW	N6RK	IK2SGB	XE1KK
K4ZRJ	K2CDJ	ON4ON	JA1XCZ	126
K7FL	KS4YT	PY5EG	JA2AHH	DJ8WD
K7XB	KU2A	R0SR	JA2KSP	F8BPN
NZ9R	OE1KM	R9MJ	JA5FDJ	G4IUF
R3VA	RA5BM	R9SA	JA9AA	JA7KY
R7LP	RV4LC	W8DCH	JE1LFX	JH3CUL
RN3RQ	UQ2PZ	ZS1A	JH4GJR	JJ1DWT
SM3LGO	VE3WT	130	K0FF	K2ZD
SM5CZK	W0NFL	DF9ZW	K3XA	K4JKB
SP3XR	W2QO	E73M	K4JAF	K4XU
SV5DKL	W5AJ	EI2JD	K4SE	N8NA
UB3A	132	G7VJR	K6LPO	OE3SGU
W1DIG	AA4NC	HK0HEU	KG7CW	OK3CQD
W1EQ	AD6W	IK3XJP	KM4NS	PA5TT
W2GD	G3UHU	JA2FBC	N5KM	VE3CX
W4BUW	IK3VBB	JG1DUZ	OZ1IKY	VE7BV
W4MBD	IT9RDG	JI4POR	R9SG	W8REW
W4RFZ	K6YUI	K2MYR	S53X	W9ILY
W6DR	K9ZM	K3NK	S55DX	WB0O
W6JTI	N6HY	K7LFY	SV3DCX	WB2REM
WE4S	OZ2RH	K8BCK	US8UW	WD4LBR
134	SM4BZH	K9GL	VQ9LA	YU1EXY
CT3HF	SM6BGG	KO8SCA	W2WC	125
HA1RB	SP6M	NA4EA	W4IS	9A1AD
IK4DCS	VE3CRG	NO9E	W6RKC	AG1A
JA7LGE	W4AXL	OZ2ABI	W8KA	GW3TMP
K1TO	W4RBO	R5QA	ZS6UT	HK4SAN
K1ZN	W4WM	R9AB	127	IW0HEX
K3OX	W5SL	RU1AO	AC9EM	JA4IYL
K5VIP	W7AH	S51NM	CT3KN	JA6VU
KX4TT	W7CD	TA1CM	HK1MW	JE1TSD
N9MR*	W9FR	VE3DO	JA1DDH	JE6UWU
N9RS	WB3D	W2MPK	JA1WLO	JF2WXS
OE1TKW	XE2S	W9ZT	JA8RJE	JH1AGU
OH1ZK	131	129	JA9KRO	K1HAP
ON4CAS	DK7YY	HB9AZZ	JH3AIU	K5KG
PY5HOT	DL9FCY	JA1NWD	JN1RQV	K9GWH
RG6G	HS1NGR	JA8JO	JS2LHI	KA6BIM
RX4HW	IV3KFB	K6XM	K0RW	KI4WCQ
SM0BYD	JA0AOO	K8DV	K3TRM	LZ1XL
SP6JIU	JA2TBS	LB7ZG	N1AC	N2KA
UA0ACG	JH4ADK	N0YY	N1GC	N3EN
W4JKC	JJ1TEA	N2BJ	N9RD	N4JT
YU1AM	JM1FHL	N3KS	OE8HIK	ND5S
133	K1UU	N3RR	PA3EWP	NW6S
9K2NO	K6SIK	W0YVA	SK7AX	OE1AZS
EU1U	K9DR	W7QHE	SP6A	RA0BA
G4XEE	KC2LSD	W8MET	SP7ASZ	UU7JM
IK5DNF	KH2L	W8MK	W0CP	VE3UTT
IZ8DFO	KM3V		W0RT	W5DAW
JA6CBG	KM4H		W1OPD	W9CG*
			W3BG	

W9DX WV4TN YO2RR	W1AO W4NF W8NJR XE1H	W9FI W9XX W9YE WA1PMA WY1G XE1VIC	HB9AAQ HB9BCI I2TZK I4MKN IK0ZIO JA3AZD JA4XGC JE2JMV JH6CDI K3NF K5UZ K7EG K8KWT K9SG N0KV N4DJ N9UA NT2A NY7T OH5NG OK1DT R6FFB SV1ACK W4HZ W8FIB WC2K XE1RCS	YO4AUL 117 9K2OD 9Y4VU AE0P BH4IGO DL1DWT G3PLP IT9DAA JA1HQT JA4FM JA7GYP JA7IC JM3GXU JR2UBS K2BB K6PJ K8OOK K8QM K9FN N2JJ N4IR N8AA N8XI NY4G ON5UE OZ5HP SM7BIC SP8HKT UA6J UR9IDX US1CT W4ZRZ W6SL W8ZR WA2USA
124 AA7XT AB1OC JI1DHY KD2T KD4POJ NA2U PA0TCA UA0BA VA7CRZ VE1DUN W2JU W2RIJ W3FM W6CYX WB8K WT4Q	122 G3NDC IU0LFQ JA1MRM K1BZ K1ESE K1YT K2MP K7ZA LA7WCA LA8PT N3NR N9AW NN7X OZ3Y RD4A SP9WZS UU4JMG VE6AX VK4CAG W2TB WA3I WA7BNG	120 9A5F AA5JF AL7TC DL2VWR FG5FR HB9BLQ IZ0LKV IZ5NFD JA4EPE JR3UIC JR6LLN K2BA K2HK K3QIA K6FW KA8ZPE N4BAF N4LR N4TB N4UFP N8PW OE3EVA OZ2A PZ5RA RL3BZ SP3PLD SP7ITB SV1IW UR5IKN US0YA VE3YF W0RX W2YR W3OA W4PRO W6RFL W7RN WP3R ZL4AS	118 5T5PA AB2E DL5OCE JA4FHE JI8DGO JN7DOS K3WGR K4CNW K5XM K7PI K8LN K8WVA KD6UO KG8CW LZ2HM N2MM N5BO N6MB PY2PA RN3TT SV9COL TA2RC W1KSZ W4DAO W4NJ W5JMW W5VY WX3P	116 AJ4F DL7URH EA5BRE HA7PF HB9EFK IK0EIE IK2OHG IT9TQH IV3HYD JA1WTI JE2EHP JH3GCN K1DC K1RI KT1V KV1J NA9Q OH8LXT
123 AC4TO DL7JRD F4GTB G4WFQ G5LP HB0WR IK2CHZ JA0CRG JA1SJV JA3MHA JA6WJL JI4WAO JK1EXO JR1EBE K2PK K3FRK K3XO K4ZIN K5GH K5JC K7UT K9CS KV4T N2ED N4DWK N6MZ N9JV N9LQ NA2P NA9RB S50B UA3DK UR9QQ UT3QU	121 AA6RR AA8CH DF1DB DK1EI DK6CQ EI2GLB HB9DHG IT9AAI JA2HYD KD8RQE KG9Z KV4AA N0OK N1JP N3ND N4TL N6HC SV1AHX SV1FKZ UQ1GWW UT4EO UU2JQ VA3AYA W0QQ W2GG W3RJW W6XI	119 AA3AZ AA4DD AE3T AJ4A DK3GG DL9OBY EW4M G4DJJ		

OZ1LCG	G3SDL	NZ3M	VE7XF	WB9EEE
PA0JSE	HP3TA	R7NA	W1HEO	YL3DQ
RV3ID	I5OYY	RA4UN	W2CVW	YO6HOY
TZ4AM	IK7YZG	RZ3AUL	W2SKI	
UA4PCM	JA1OVD	SM5ARL	W3UL	110
W1ENE	JA4BXL	SP3EPG	W4VHF	BA4MY
W1WEF	JA4KDT	SV1JFV	W5VX	DL1VDL
W7GG	JH6WMJ	SV2AVP	W6TC	EA5BYP
W7OEV	K1RV	UN7TW	W8GEX	F5BAR
W8LRO	K2DC	VE3KI	W8HMK	G3LNS
WQ5L	K2HAT	W2GW	W9SE	G8AJM
	K3MD	W6BK	WA8OLN	HI8R
115	K3OSX	W8FAX	WT9U	I2BBJ
C6AGU	K5CD	W9VNE	ZP6CW	IK5RUN
CU2CE	K5RJ	WA2BOT		IK8UHA
DL9GOA	KB8U	WA4DOU	111	IZ0CKJ
G8BCG	KZ4V	WB2HJV	AA4U	J68HZ
G8DX	N1QY	WB2UFF	AF4OX	JA7EPO
HA5UK	N3MN	WS4C	CU3AN	JE2UFF
HK3PJ	N4IQ	ZL1BYZ	DG7RO	JH1VHU
IZ7JVR	NU8Z		DK2WH	K2BLA
JA2KNW	UA3FT	112	DK6ED	K3JRR
JA3NHL	W0VX	A92IO	DL1HRN	K3PH
JA5WIZ	W3MR	DJ1RL	EV1R	K4WW
JG3LGD	W4TUN	DK5RL	F6ECI	K6MI
JH1RFM	WA1FCN	DL5CL	G4DBN	K6VKO
K0GD	WA4CEM	EA1JO	HC1BI	KB4MRX
K0SD	WA8MCD	EW1DO	HL3GOB	KC2STA
K4CMS	WA9YYY	G3XGC	JA1AUD	N2CG
K4GHS	WN9O	HB9CEX	JA1FGB	N3HBX
K4GK	XE1RBV	HB9CRV	JA1NCZ	N3IQ
K8YTO	XE3ARV	HB9G	JE8TGI	N3JB
KZ5DX		IK2ANI	K0FLY	N4KE
LY4T	113	IU8FRE	K5WAF	NC6K
N0IRM	9A1A	IZ4DIW	K7ORK	NK7C
N4OA	DJ5DT	JA1SXR	K9AJ	NY4I
N8KOL	DJ9RR	JA7BXS	KM1R	RD9M
PA3AXU	DL8CM	JF2WGN	KP4AA	SM5BHW
RZ6MJ	DL8DYL	JR7TEQ	KZ0X	SV1VS
UA1ANA	DL9GTB	K0JPL	LA0CX	UA3O
UA1CGS	G4AFJ	K1EDG	N4WJ	US7MM
UA6XT	JA0GCI	K1EO	N7BD	W0UY
UN6T	JA4ITW	K1KO	NA1DX	W3XY
W4UCK	JH1ORA	K4UAS	UR6QA	W4DC
W9HBH	K0TPP	K8CC	VE6KC	W4NE
YL2CZ	K8SL	KB2FCV	VE7CT	W5ZPA
	KA4RRU	KI4DLS	VE7UF	W6KK
114	KH6DX	KM1C	W0VHF	WL7E
AB4GE	KI0G	LA8HGA	W1FO	XE1FAS
BA4DW	KT1J	N5ZC	W4HOG	YU7AU
BA7IO	N6PE	N6MA	W4OX	ZL3NW
CT3FN	N7KO	N9HF	W5AQ	
CU3AK	N9ISN	RU4SU	W7VS	109
DL6NB	NA3F	SM3DMP	W8MIL	DF1KG
DL6UAA	NG0G	UA1ACG	W9RB	EA3GHZ
EI8IU	NI5F	UA1CEI	WA2MUA	EU4T
F6CWA	NK5B	UT6UD	WB4TDH	F8EZE

12

E73D	VE3VHB	N9BBQ	K2TK	AA4NU
EA8ZS	W0YBS	NU1T	K3KG	AC2AC
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
K0WK	AG1I	UT2AB	OK1JDX	IK5ZUK
K1BG	AI3Q	VA2ZO	OK3CSQ	IV3GOW
K3FM	DJ1MM	VA3IC	PA7TWO	IV3KCB
K4KEW	DJ3GZ	VE3EDY	PV8ABC	JA1VVX
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	K9JU
PA0GMM	K2UVV	EI4DQ	W4KK	K9PG
RA1QX	K4LQ	EI6GF	W5TO	KC4PX
RU3UR	K5JUC	ES5RW	W7IUV	KD3UY
RZ6DX	K7BTW	F6BWO	WA0IDK	KE1VT
RZ6LB	K8CCV	FM5WD	WA1S	KE4S
SM5CCE	K9MUG	HB9AHL	WD8DSB	KF7NN
SM7CQY	K9XJ	I8LWL	WS4Y	KN6J
SO5AS	KE1IU	IT9SFT	WW5G	KQ1F
UA9FGJ	KJ4R	JA0HXV	YO2CMI	KS4XQ
US5CAO	KJ7WY	JA8OW	YO2IS	LA2GV
UT4EK	KM9E	K0YN		LZ1XZ
UT7EC	LX1DA	K1PTF	101	N0STL
UX4UM	N0RU	K2LP	AA2VG	N2AJ
UY0MM	N1HOQ	K2TER	AA3LX	N5AQ

N8AG	100	KC0V	UA4PAY
N9JCS	9M6YBG	KC4D	UA6CEY
NX2X	A41ZZ	KC5LT	UN6P
OA4TT	AA4AK	KD8BZY	UR4CW
OE3WQB	AA4UC	KP4N	UR4LRG
OH3TY	AB4VV	KQ5M	UR8IDX
OK1PGF	AC4VM	LA8W	VE1RGB
OK2BOB	AI2S	LU5OM	VE3OAT
OK3EY	DJ6OI	LU5YF	VE7JKZ
OK4MM	DK8MM	MM0SJH	VP2VA
ON4LG	DL1TPY	N0AH	VR2PX
PA4WM	DL1TRK	N0ATQ	W0GYH
RA3AH	DU7ET	N1KI	W0MU
RA4P	EA2AAZ	N1MD	W1AN
RA4SD	EA3ALD	N2SG	W1YRC
RB7GG	EA8AXT	N2XQM	W2CCC
RK9F	EC5A	N3AF	W3BBO
RY6M	EI3ISB	N4CRI	W4HHN
SM2DMU	ES5NC	N4ZR	W4OEP
SM7NDX	FM5GU	N7DED	W4OV
SP7JLH	G0VXE	N7TK	W6WA
SV1PL	G4CGG	N8IL	W7DT
UA0FDX	GM3ZSP	N8NB	W7JET
UG6GAW	I2VGW	N8OQ	W8CNL
UR5WIF	IK0HFO	N9ADG	W8FN
UR7CQ	IK4MSV	NA6O	W8GDQ
UT1CC	IS0/YO3RA	NB3R	WB4SON
UT4IS	IT9CVO	NG7A	WU2M
UT7HA	IW0BYL	NJ3I	YB1TJ
VE2OJ	JA1BRK	NN4SS	YL2SM
VE3ARF	JA1CPU	OE5JDL	YO9FLD
VE3XB	JA1ILA	OK1DXD	ZP9MCE
VK2GR	JA4FSH	OK2PAZ	
W1FC	JA5DQH	ON4ANN	
W1GF	JA9CGW	ON7EH	
W2SF	JF3DRI	ON7GB	
W3WH	JS6TWW	ON9CC	
W4BUE	K0LB	OZ1ZD	
W4PM	K0XM	PA0INA	
W5RF	K1NA	PA7RA	
W7AV	K1NZ	PY7DJ	
W7CB	K2CBI	R3PJN	
W8GB	K2CYE	R9JX	
W9MAF	K3TZV	RA3SD	
W9ZCL	K4FT	RA4LW	
WA3EKL	K4KSY	RA6XB	
WA3PTF	K4QS	RC2A	
WB3HLH	K4UQC	RN1A	
WC4H	K7VIC	RT5A	
WK9U	K8BZ	RU3GF	
WR2G	K8CR	S53MJ	
WV9L	K8CS	S59SV	
YO2OXD	K8LE	SM0CXU	
YO6BHN	K9NZ	SV1VJ	
YV4DYJ	KA9UVY	SV2DSJ	
ZS1J	KB0EL	TI5CDA	
	KB1HY	UA3AKI	