

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 07 Aug 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 K9UWA UA2FF	W2VO	W5IZ	JA4LKB K1UO RU3DX YU1FW
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA N1DG PE5T S50U W1JR	309 I4EWH	302 DL4MCF SV8JE
340 K1ZM		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IK4MGP IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
339 W4DR W4ZV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	300 G3KMA I2ZFD JA4DND JA4LXY PA3FQA SM3EVR VA3EF
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	299 K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX	304 DJ0MDR GM0GAV SM3GSK	
332 UR0MC	319 N0XA SM4CAN			
331 K5UR LZ2DF	318 4X4DK UT5UGR W9ZR			
330 AA1K HA0DU OH1XX R4GM UT7QF	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS JA1BK	
329 K3UL UA4HBW	316 K5RK OH3SR			
328 UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	N9IW OK1AWZ VE2TZT	268 DL5DSM G3WPH K8PT RA3XDX SP9JZU W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ OH3BU SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 CT1EKY G3TXF K1ZZ KF2O W6UB	266 G4OBK 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 SP5CJQ UA6MF UX1AA	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR SV8BHN W1GL YO5BRZ
293 JH4UYB N0TB S58T	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V I5NPH IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR	270 AA1V LA3MHA OE5KE	262 G0DQS IK5HHA KR9U N5KD W1YY
290 UA3AKO			269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS

NO8D SP1S	UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	EA6VQ JH4ADV K3SWZ N6DX OK1CF R7DX VE3XN WA7NB WA7NS
260 EA5BM K1LT K4DY	252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY	239 K0KT K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA JA0FSB K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT I1EIS JH0BBE K9NW N4II PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 AJ6T DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP W3LL	233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 K1GUN N8TR W9YSX	250 HB9RG NQ1K OZ8BZ	243 DK2JX DK3DG IK0MHR ON4ATW S57A SV8CKM W9RPM WX4G	237 AC4G DL7MAE IW1ARB NI0G OM4EX	232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL W1TSP W3DF	249 AB3CV AI9L JR3IIR K9RX SP5DRH	242 EA4KD KG7H	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC SV8GFW T77C UT9FJ W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM	230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF
254 N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN YO9HP			
253 5B4AGN AA1QD K5ESW S58Q				

W4VQ	SP8NR	JA2FBY	IZ8VYU	DL9MRF
229	VA5DX	JA2FJP	JA2JW	EU1KY
CT1FJK	W7KW	JF3KON	K4NA	HB9CXZ
DJ4AX	224	KV7K	LA4GHA	HB9DDZ
JA8FKO	MM0EAX	LA7GIA	LA7JO	JA0UUA
J11BEX	N0AV	LB8DC	OK1DX	N9LB
OE5NNN	N8BM*	OE8RT	RN7G	VE1DX
RO7T	SP5INQ	RA3WDK	W4NL	VE3LYC
228	SP7GAQ	SP4K	213	W0ZR
AF9H	VK6VZ	UT7UV	DF2IS	W7KNT
AI0O	W2RQ	WA2UUK	EI3IO	W9OO
E72A	223	218	HA1RW	WP4U
K4HB	AB0X	DJ4PI	JA2IVK	208
N2WK	DJ8NK	DK0PM	JF6DSZ	G3NSM
OH2BEN	HA7TM	IK1YDB	K1ST	I4LCK
VE3DZ	JH2TPI	JA8CDT	NA2M*	JA9FPI
WB6RSE	JH2TPI	K0EU	RU4SO	JF4VZT
227	RT6T	K5UO	W0LYI	K2FU
DL7HU	SV2JAO	UT4MF	W1FJ	K5RT
ES1RA	UR5FEO	W5PJR	W2WG	N5ORT
IK0HBN	ZS4TX	217	W3YY	RU3ZX
IK6FWJ	222	DM5EE	WS9V	UN5J
JA1UQP	IV3JVJ	JH1IFS	212	UY1HY
JA2NDQ	K3SV	K5PC	AA9A	W6PJ
JA9CHI	K6EID	ON6YH	DL9GFB	W9EWZ
K1FK	K8FH	UA3AGW	F6DAY	207
K3NW	K8ZTT	216	K4MQG	K1DT
W9BF	N5AW	JA6LCJ	K8ZH	K1LPS
226	N5JR	JA9PPC	KE9I	K3JT
DL5WW	N8PR	K5EJ	KG6I	K8EUR
I3BUI	N9BX	N4PQX	N1ZZ	N9AU*
JA6BZI	SM0CCM	N5UL	N4MM	PY2BW
JF2KOZ	221	OE1ZL	NX0I	W0LS
JR6EZE	JA2WYN	RZ0AF	OZ1AXG	206
K9FD*	JJ3PRT	W0GJ	SM5CZQ	IK0IOL
N6JV	K4MWB	W6XA	W1ECT	JA3PIS
ON4GG	K8SIX	YO7LCB	WB9CIF	K2VV
US0SY	N6VR	YU3AA	211	K3LR
UT5JAJ	W1ZK	YV1DIG	EA1RT	K5AQ
VE6WZ	W6JRY	215	IK4DRR	K5MC
W0VTT	WS6X	AD5A	JA4DEN	K8AC
225	220	IZ8FWN	K3WA	KG9N
A45XR	AG8B	JH0INP	RU3SD	N8DJX
JH7PFD	DK2NG	K3JGJ	WA5VGI	PY2XB
K1MM	HB9LCW	N7JW	210	SM6BZV
K5AB	HL5IVL	RA1QD	I8SAT	US0KW
K9FD/KH6*	JR4OZR	W0UO	JA7MSQ	VE3BW
N4CH	KA1R	W2LK	JJ2LPV	205
RA3QK	N1LN	W6YI	UW7LL	F6EXV
RV1CC	VE3EXY	214	W7JW	I4KDJ
RW3XZ	219	DL7BA	209	JA3AAW
SP3CGK	IK3VUU	HL3IUA	DL5CF	KA9FOX
				LA7HJA

W8UN	201	UT5EL	PA0LOU	JA1KQX
WB8ZRL	CU2DX	W0FS	RN1ON	KB0EO
	DL1EJA	XE2X	UA0CA	KB1EFS
204	JF1PUW		W9MU	KE9ET
DJ5AV	JO7WXN	196	WA2VYA	KL0S
EA5KA	K3HP	4Z4DX		N8LJ
F4BKV	W0MHK	AA4HP	192	RM0F
IK7NXM	W2IRT	IK4PLW	9A2NA	W6SR
JA9NFO	W5TCX	JA3RAR	JA7JWF	W8JV
K4JJW		JA4PXC	JH1RFR	WA3C
K9US	200	K8PO	K3FN	WA6YEE
KK4SI	AG4W	KP2A	K4FJ	
LX2A	G0OIL	ND0N	K5XX	187
N4NX	JA1GTF	RA9CMO	K7GM	AJ1H
N4QS	JH2RMU	RZ4FO	K9EU	K0SR
N7FU	K1GE	W2FCR	KF7PG	K6SRZ
UA0SR	K1GG	W4UM	N4DB	KN5O
US6EX	LA5YJ		OH2IS	LA0FA
W2HUV	RW4NN	195	W3UA	N2NS
WD8PKF	RW7M	EA3JL	W3YQ	OK1CZ
WF4U	UY0ZG	EA5RM	W8LGJ	SM0NJO
WI8A	W0DD	G3ZEM		W7AWA
	W1NT	JA0EOK	191	
203	W3GG	JA1EOD	CT3MD	186
AA5AM		JH1QAX	JA1ANR	9A8A
JA2XYO	199	JN7FAH	K0JGH	IK2QPR
JE1PNX	DK2LO	K3PA	K8FC	JA8DNV
K4XO	G0BNR	K7SO	K9LA	K0BJ
K9MMS	HB9DDO	K9RT	NE1B	K7LAY
KK2I	JA2DPC	KF8UN	RK2FWA	W1YM
OH1TV	K6G XO	N1SV		YL2TW
PA0A	KB8VAO	W5ZG	190	
R6AF	N4DW	W9OP	IZ8XQC	185
W7DO	W1TO		JA1DUH	AB6QM
W8GC	YO2DFA	194	JA1MCU	CT1EAV
		K4KDX	K0BBC	EA6BF
202	198	K9JF	K2TE	G3KWK
DL1MGB	DL1ROJ	KB9LIE	K9KU	IK3SWB
DL2KQ	G3UJE	LA7AFA	KM1D	JA2LCP
DL9DRA	G4BUE	SM7GIB	N4XU	K5ZD
JA2JNA	IT9JNR	W2LO	N5GH	LA3WAA
JA3CSZ	NK1K	W4FC	SP2LNW	N4TJ
JA5AQC	RX3APM	WD8JJA	VE7VV	N5UR
JH3VNC	W8HB	WN6W	WE9R	OE2BZL
J12KXK		193		SP3FAR
K2NV	197	CT1IUA	189	SV1DPI
K9YY	G3SNN	DF2GH	9A2F	UA9CBO
LY1G	I5KKW	DK1FW	EA8PP	
N5ZM	IK0FVC	DL5ZB	FM5CD	184
N7KA	JE1BMJ	DL6ZXG	JA0VSH	HA5WA
OK1DOT	JH2UVL	EA3WD	SP7HOV	JA2ZL
R9TO	K8NVR	HA5BSW	UA7T	JF1NZW
RA3S	OE4PWW	JA1XEC		K4HGX
SM2OAN	OE5FIN	K4ODL	188	K5KLA
UA9FAR	ON4CD	N5LZ	AA1ON	KB4ET
WA2HZO	RZ6FA	N9EN	AB4IQ	S57AC
ZL3IX	UA0SC		CT1FMX	US8UA

W2YJ	S57UN	SP1MGM	DL6KR	W4SVO
183	SM4DDE	TF3SG	G0EHO	W6VX
IT9INO	SV3FUP	VE3FF	HA9PP	W8OI
K4CN	W8KEN	W8HC	JA6HUG	WA0MHJ
K8RRT	178	WX0V	JR1TNE	WA5YNB
K8VC	4Z5CX	174	K1NU	167
N9MB	EA3CJ	4Z5MU	N0RN	DK5AD
NN2L	JA4MRL	JA0GJJ	N4OGW	EC3A
ON6SAS	K2UR	JA1PPW	N7RO	EI6FR
W2FP	NE0U	JA2XW	N9RC	JA6VQA
W8NW	SM7DLK	JA7MOL	RA3DNC	K6KO
182	SV1JG	JF7DZA	SV1LK	K8NK
DJ9ON	W6NWS	JK1OPL	UN9L	K9MBQ
DK3UA	W7MEM	JR6PGB	WA9PIE	N0IJ
HK3W	ZS1LS	K1KI	170	N3BNA
JA1SHE	177	K2KA	DJ6TK	OH2BLD
JA3ENN	9H1SP	K3AJ	JA6JPS	PA3C
N3OC	AE5E	K4TR	JE3ENP	RA1AOB
UR3EO	CT1GFK	K4WS	JF1WPB	RN9N
181	IK4ADE	N1EN	JM1GYQ	S51EC
DK3WW	K3WC	OE1WHC	K6ZZ	VE6WQ
JA2BDR	K4RG	RN7F	KI5BLU	W1YW
JN4MMO	K9NU	UA3LNM	N4PY	WA4LOX
K2EP	SM6DHU	W8UV	SP3GTS	WC5N
LZ2ZG	W2OR	W8VVG	SV3KH	166
VE3OSZ	W5LT	WT8C	W3IP	4Z1UF
W9AJ	W7FI	173	W9EVI	DJ4SO
180	WB7B	5B4ALJ	WA3AFS	HB9FMN
DM2DXA	176	I1JQJ	169	IV3TDM
DM3VL	EU1AB	JA9TWN	IK0PEA	JA1FNA
EA8JF	I6FLD	JG0CQK	JA1ADT	JA9LJS
JE2URF	JA0DET	K1NTR	JE2LPC	K1KA
K6SSS	JA5IU	K4XR	JR1IZM	K3KY
K7BG	JA6BJV	K9YC	K1LI	K4JLD
LA9AJA	JA8KSF	KA1J	N4XX	K4PB
N1RR	JL1SAM	N5FG	N7US	K4WA
N4AH	K8MN	PY5EW	UT8MM	K4ZYU
ON5FP	N5OK	172	UY5AA	RM3DA
UT2UB	OK1DWC	EA7TV	W6RW	W0DJC
W1RM	RL3FA	G0BLB	W7Yaq	W1RR
W7BEM	SM5FUG	G3NKC	WB3JFS	W8ILC
W8TN	W4BP	IZ5MOQ	168	WA8TXT
179	W4GD	JA3FGJ	G3MXJ	165
CT1FPQ	YO7NE	JG3IWL	IK2EGL	DL7UCX
IT9ELD	175	K0DEQ	JE7JDL	F6HDH
IW0SAF	JA1CHN	K1BD	JF2UPM	I2ZGC
JA9NLE	JS3CTQ	K6FG	K4XD	IK0AGU
JR7BDQ	K4DLI	KJ0M	K5QY	JE7RJS
K0TT	K5GKC	W3JX	K8RYU	JH7CFX
K8WK	LA5LJA	W4FQT	KR4F	K5JZ
N2PK	N7IR	WC4X	N4QQ	KK4CB
OK1MG	N7XR	171	N8BJQ	N4HB
	PE1L	AA9D	PA7F	N9FN
			SP5GH	NY0V

RC9F SM4CTT SP6EQZ W5BN	K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JE2DZC JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ YV2IF	K0KVR KR2Q NX8Y W1NA W5DNT WB0TEV WS7L YS1RR	JR1XIS K2AX K2FW KD0PO N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK WP4G
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG SV2AEL W4DKS W4NS* WW3S	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2OVG JF2XGF JR7MAZ K3MSB NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	156 AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV	153 AA6AA AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFX N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W6DAO WW2DX
163 9A2JK DJ9HX JE2LUN K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	159 JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	155 DL1RK DL4SZB HB0CC JE3GRQ K2LS NE0DX NW7E SM6VR W2XI WE1P ZS6EZ	152 EW2A JT1CO KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	149 DL7CX HB9HFN IK4FNF JL1ARF K3RA K3TN K4YYL K8ME K8ROX K9MK R8TX SM6CUK UW7UA W0GG W2/CT1GIF W7HPW WB8B WD5K WS5W YO3DDZ
162 4O3A 9A4W F3AT HB9TKS IZ4DPV 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 W2XL W3GQ W4QN	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH	151 AA7G CU2AP DK2OY EI9JF F3SG HB9SLO JA2VQF JA6BEE JH1NYM	
161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY JH4CPC K1USA K5GO				

148 CT1FCX DK2CC F5CQ F5LVL F5PAC G4FTC JH1QDB K5VWW LA6OP N2WB N5XZ NE3F W5FKX W9JJB	KF6HI N1CGP N4GG NA5C RT0F SM3DTR	K3PP K4WZ K6EME KK1W LA9VFA MM0SAJ N2ZN N7QT NA4D NQ7R NY2NY OH1JP OK1DO W2OO W5LUA W5VQ WA5POK WB8CQV	W8LWU WO2T YL2MU YO9FNP	JH4JNG K2QMF K8NS LA9GX RA3CO RG7G UU1JA W1ITU W5ODD WB5JID
147 EA3GP IV3VBM JA1XQC K7HP K8UT KM1H N1IBM PC3T W1OP W2KKZ	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C N1IX N3KK SM4OLL SM5CLE W4GE W5ADD W7ZI W8RLS WC5M WD5T YO3CD	141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JA2ATE JA9RRH JH1HHC JL1UXH JR2LJO K2RW N8OC NJ3K OE6VIE SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	139 DF7EE DJ4XA DL5EBE DL8OH DS1JFY JA1TMG JI1DCW K3ANS K6AM K8GI K8RF KA8SYV KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	136 E72U ER0FEO HB9IQB IK8CNT JH4HMG K0TV K4ZO K7TM KR6C OK1DW SM5OJH SP2BMX UT3UZ UW8SM W2OIB WB7QXU
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K1CA K5KV K5SM K6NR K7WP N7BT RU0SN W1IZL W1ZT	143 DL1DUO DL6EN HS0ZEE K7CMZ K7CW N2RJ N2WM N5UW N6PAT N6PSE NN4R W0IZ W6QUV WB8ZRV WD9DZV	140 9A1CAL K5WK K6KLY KF8DX N4XP OH6NIO ON7DR UN1L VE6SV W0SEI W4NU W7IV	138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC JA3OOK JF3LOP JH7RXU K1RO K2RET KJ6P LB5WB ON6AA OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM	135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC JA7LMZ JA8BNP JA8JL K1ZE K4ZRJ K7FL K7XB NZ9R R7LP RN3RQ SM3LGO SM5CZK SP3XR SV5DKL W1DIG W1EQ W2GD W4BUW W4MBD W4RFZ W6JTI WE4S
145 AF4HX HI3T I0JBL IZ0RVI JE6TSP JJ3HGJ JK1AJX JN1BMX K1OA K3VAT K4OY K8BL	142 I5HOR IT9BLB JH0BQX JR7WFC			

134 CT3HF IK4DCS JA7LGE K1TO K1ZN K3OX KX4TT N9MR* N9RS NA5DX OE1TKW PY5HOT RG6G RX4HW SM0BYD UA0ACG W4JKC YU1AM	W4AXL W4RBO W4WM W5SL W6DR W7AH W7CD W9FR WB3D XE2S	PY5EG R3VA R5QA R9AB RU1AO S51NM SP6JIU TA1CM VE3DO W2MPK W9ZT	ZS6UT	125 9A1AD AG1A GW3TMP HK4SAN IK5DNF JA4IYL JA6VU JE1TSD JE6UWU JF2WXS JH1AGU JL1RUC K1HAP K5KG K8DV KA6BIM KI4WCQ LZ1XL N2KA N3EN N4JT N9RD ND5S NW6S OE1AZS RA0BA UU7JM VE3UTT W5DAW W8LMG W9CG* WV4TN YO2RR
133 9K2NO EU1U IZ8DFO JA7GLB JA9AGN JR6FC JR7FRW K2CDJ KS4YT KU2A OE1KM ON4CAS RA5BM RV4LC UQ2PZ VE3WT W0NFL W2QO W5AJ	131 DK7YY G3UHU HS1NGR IV3KFB JA0AOO JA2TBS JH4ADK JJ1TEA JM1FHL K1UU K5VIP K9DR KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT N6RK ON4ON R0SR R9MJ R9SA W8DCH	129 HA1RB HB9AZZ JA1NWD JA8JO K4TT K6XM LB7ZG N0YY N3KS N3RR W0YVA W7QHE W8MET	127 CT3KN HK1MW IK2SGB JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JS2LHI K0RW K3TRM KM3T N1AC N1GC OE8HIK PA3EWP SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3FOX W3MF XE1KK	126 DJ8WD DL9FCY F8BPN G4IUF IZ7EVZ JA1XCZ JA7KY JH3CUL JJ1DWT JN1RQV K2ZD K4JKB K4XU N8NA OE3SGU OK3CQD PA5TT VE3CX VE7BV W8MK W8REW W9ILY WB0O WB2REM WD4LBR YU1EXY
132 AA4NC AB9M AD6W IK3VBB IT9RDG JA2KVD JA6CBG K6YUI K9ZM N6HY OZ2RH SM4BZH SM6BGG SP6M VE3CRG	130 DF9ZW E73M EI2JD G7VJR HK0HEU JA2FBC JG1DUZ JI4POR K2MYR K3NK K6SIK K7LFY K8BCK K9GL KO8SCA NA4EA NO9E OZ2ABI	128 AA4SC DM2RM IT9ZZO JA2AHH JA2KSP JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW KM4NS N5KM OH1ZK OZ1IKY R9SG S53X S55DX SM3GQP SV3DCX US8UW VQ9LA W2WC W4IS W6RKC ZS1A		124 AA7XT JI1DHY KD4POJ NA2U PA0TCA UA0BA VA7CRZ VE1DUN W2JU W2RIJ W3FM W6CYX
				123 AB1OC AC4TO DL7JRD F4GTB G4WFG G5LP HB0WR

IK2CHZ	121	RL3BZ	J18DGO	SP8HKT
IK3XJP	AA6RR	SP7ITB	JN7DOS	UA6J
JA0CRG	DF1DB	SV1FKZ	K3WGR	UB3A
JA1SJV	DK1EI	SV1IW	K4CNW	UR9IDX
JA3MHA	DK6CQ	UR5IKN	K5XM	US1CT
JA6WJL	EI2GLB	US0YA	K7PI	VE3YF
J14WAO	HB9DHG	W0RX	K8LN	W4ZRZ
JK1EXO	JA2HYD	W2YR	K8WVA	W6SL
JR1EBE	KD8RQE	W3OA	KD2T	W8ZR
K2PK	KG9Z	W4PRO	KD6UO	WA2USA
K3XO	N0OK	W6RFL	KG8CW	116
K4ZIN	N1JP	W7RN	KV4AA	AJ4F
K5GH	N3ND	WT4Q	LZ2HM	DL7URH
K7UT	N4TL	ZL4AS	N2MM	EA5BRE
K9CS	N6HC	119	N4DJ	HA7PF
KV4T	SV1AHX	AA3AZ	PY2PA	IK0EIE
N2ED	UQ1GWW	AA4DD	RN3TT	IK2OHG
N4DWK	UT4EO	AE3T	SV9COL	IT9TQH
N6MZ	UU2JQ	AJ4A	TA2RC	IV3HYD
N9JV	VA3AYA	DK3GG	VK4CAG	JA1WTI
N9LQ	W0QQ	DL9OBY	W1KSZ	JH3GCN
NA2P	W2GG	EW4M	W4DAO	K1DC
NA9RB	W3RJW	G4DJJ	W4NJ	K1RI
S50B	W6XI	HB9AAQ	W5JMW	K9FN
UA3DK	W9XX	HB9BCI	W9FI	KT1V
UR9QQ	W9YE	I2TZK	WX3P	KV1J
UT3QU	WA1PMA	I4MKN	YO4AUL	NA9Q
W1AO	WY1G	IU0LFQ	117	OZ1LCG
W4NF	XE1VIC	JA3AZD	9Y4VU	PA0JSE
W8NJR	120	JA4XGC	AA8CH	RV3ID
WB8K	9A5F	JE2JMV	AE0P	TZ4AM
XE1H	AA5JF	JH6CDI	BH4IGO	UA4PCM
122	AC9EM	K3FRK	DL1DWT	W1ENE
BA4RF	AL7TC	K5UZ	G3PLP	W1WEF
G3NDC	DL2VWR	K7EG	IT9AAI	W7GG
JA1MRM	FG5FR	K8KWT	IT9DAA	W7OEV
K1BZ	HB9BLQ	K9SG	JA1HQT	W8LRO
K1ESE	IZ0LKV	N0KV	JA4FM	WQ5L
K1YT	IZ5NFD	N9UA	JA5FDJ	115
K2MP	JA4EPE	NT2A	JA7GYP	C6AGU
K7ZA	JR3UIC	NY7T	JA7IC	CU2CE
KR0P	JR6LLN	OH5NG	JM3GXU	DL9GOA
LA7WCA	K2BA	OK1DT	JR2UBS	G4XEE
LA8PT	K2HK	R6FFB	K2BB	G8BCG
N3NR	K3QIA	SV1ACK	K3NF	G8DX
N9AW	K5JC	W4HZ	K6PJ	HA5UK
NN7X	K6FW	W8FIB	K8OOK	HK3PJ
OZ3Y	KA8ZPE	WC2K	K8QM	IW0HEX
RD4A	N4BAF	WP3R	N2BJ	IZ7JVR
UU4JMG	N4LR	XE1RCS	N4IR	JA2KNW
VE6AX	N4TB	118	N6MB	JA3NHL
W2TB	N4UFP	5T5PA	N8AA	JG3LGD
WA3I	N8PW	AB2E	N8XI	JH1RFM
WA7BNG	OE3EVA	DL5OCE	NY4G	K0GD
	OZ2A	JA4FHE	OZ5HP	K0SD
	PZ5RA		SM7BIC	

K4CMS	113	G3XGC	JA1AUD	K3PH
K4GHS	9A1A	HB9CEX	JA1FGB	K4WW
K4GK	DJ5DT	HB9CRV	JA1NCZ	K6MI
K8YTO	DJ9RR	HB9G	JE2EHP	K6VKO
LY4T	DL8CM	IK2ANI	JE8TGI	KB4MRX
N0IRM	DL8DYL	IU8FRE	JF2WGN	KC2STA
N4OA	G4AFJ	IZ4DIW	K0FLY	LZ1PM
N5BO	HB9EFK	JA1SXR	K5WAF	N2CG
N8KOL	JA0GCI	JA4BXL	K7ORK	N3HBX
PA3AXU	JA1OVD	JA7BXS	K9AJ	N3IQ
RZ6MJ	JA4ITW	JR7TEQ	KM1R	N3JB
UA1ANA	JH1ORA	K0JPL	KP4AA	N4KE
UA1CGS	K0TPP	K1EDG	KZ0X	NC6K
UA6XT	K2HAT	K1EO	LA0CX	NK7C
UN6T	K8SL	K1KO	N4WJ	NY4I
W4UCK	K9GWH	K4UAS	N7BD	RD9M
YL2CZ	KA4RRU	K8CC	N9HF	SM5BHW
	KH6DX	KB2FCV	NA1DX	SP9WZS
114	KI0G	KI4DLS	UR6QA	SV1VS
AB4GE	KT1J	KM1C	UT1UY	UA3O
BA4DW	N7KO	LA8HGA	VE6KC	US7MM
BA7IO	N9ISN	N5ZC	VE7CT	W0UY
CT3FN	NA3F	N6MA	VE7UF	W3XY
CU3AK	NG0G	N6PE	W0VHF	W4DC
DL6NB	N15F	RU4SU	W1FO	W4NE
F6CWA	NK5B	SM3DMP	W4HOG	W5ZPA
G3SDL	ON5UE	UA1ACG	W4OX	W6KK
HP3TA	R7NA	UA1CEI	W5AQ	WL7E
I5OYY	RA4UN	UT6UD	W7VS	XE1FAS
IK7YZG	RZ3AUL	VE7XF	W8KA	YU7AU
JA4KDT	SM5ARL	W1HEO	W8MIL	ZL3NW
JA5WIZ	SP3EPG	W2CVW	W9RB	
JH6WMJ	SV1JFV	W2SKI	WA2BOT	109
K1RV	SV2AVP	W3UL	WA2MUA	DF1KG
K2DC	UN7TW	W4VHF	WB4TDH	EA3GHZ
K3MD	VE3KI	W5VX	WB9EEE	EU4T
K3OSX	W2GW	W6TC	YL3DQ	F8EZE
K5CD	W6BK	W8GEX	YO6HOY	G3SVD
K5RJ	W8FAX	W8HMK		JA2CXF
KB8U	W9DX	W9SE	110	K2ONP
KZ4V	W9HBH	WA8OLN	BA4MY	K4RDU
N1QY	W9VNE	WT9U	DL1VDL	K5FZ
N2JJ	WA4DOU	ZP6CW	EA5BYP	K5KA
N3MN	WB2HJV		F5BAR	K5KPE
N4IQ	WB2UFF	111	G3LNS	K6MW
NU8Z	WS4C	9K2OD	G8AJM	KE1F
UA3FT	XE1RBV	AA4U	HC1BI	KZ5DX
W0VX	ZL1BYZ	AF4OX	I2BBJ	N1BZ
W3MR		CU3AN	IK5RUN	N2WLG
W4TUN	112	DG7RO	IK8UHA	N7TY
W5VY	A92IO	DK2WH	IZ0CKJ	N8NN
WA1FCN	DJ1RL	DK6ED	J68HZ	ND4V
WA4CEM	DK5RL	DL1HRN	JA7EPO	NN4RR
WA8MCD	DL5CL	EV1R	JE2UFF	NU4I
WA9YYY	EA1JO	F6ECI	JH1VHU	NX7U
WN9O	EI8IU	G4DBN	K2BLA	PY5CC
XE3ARV	EW1DO	HL3GOB	K3JRR	RW4UU

RW9QA	WC1M	W8IW	V73AZ	PY2DS
RX3AGD	WC6DX	W8VK	VQ9SS	R6YY
TG9NX	WD9EQU	W9CPV	W1CWU	RA6AF
UB5ZAL	WW1WW	WA0RVK	W2EQ	RD4WM
UT7KF		WB6CJT	W2LE	SP5JXK
VU2CPL	107	WB8ART	W2NO	UA6LCN
W5WP	4Z5LA	WS1L	W3ICM	UR1RWX
WB5TUF	DJ8ES	XE2YWH	W4IR	UR2RGN
WN0L	DK3FB	YL1XZ	W5JAY	VE1PZ
YV3AGT	DL1QQ	ZL3RJ	W8OP	VR2MY
	DL2CHN		WA4MYO	VY2ZM
108	DL5XU	106	WA6TLA	W1LE
AI2Q	DO4DXA	AA4FL	YL2GN	W1LY
AL7R	EA5AT	AE2U	YU3EF	W4OWY
DL6CNG	EA7QW	DJ6OZ		W5KI
ER1LW	FG8OJ	DL2NOM	105	W6FF
G3VAO	G4AKY	DL3JSW	DF2PI	WQ5W
HB9BAT	G4RGK	DL6JZ	DF8AA	YU1NR
HB9FAN	H18R	EA3CCN	DJ3XD	
IK0PRG	I5IHE	HA8DZ	DJ6KH	104
IZ0BTV	IT9XTP	IK0ZIO	DL4ZAB	9M2AX
IZ2EWR	JA5EY	IW3GJF	DL6XK	AD1C
JA2MOG	JA6OXT	JA1VLK	DO1CTL	AG4Q
JJ2PIK	JA8JTH	JA2MNB	ES1GO	AH0U
JK1MZT	JH9DRL	JE6IGP	G3YUV	CP8HD
K1EP	JR1BAS	JG3HBO	HA8FW	CX3CE
K1XM	K0MD	JG5RVQ	JA1BWA	DK3BK
K2CJ	K1TZQ	JH2KKW	JA1TAA	DL4FAP
K2KQ	K3SW	JH6PFY	JA4EVN	DL7UPN
K2MK	K3YBN	JJ0NCC	JA6VA	E73D
K4WY	K4MS	JR0EQQ	JA7BME	EA8ZS
K4YJ	K4SAF	K0DEW	JA8RRF	EI9E
K6UT	K8LBT	K1PX	JA9APM	F6AJA
K8OM	K8ZR	K4DSE	JF1RYU	F8GB
KM8AM	KB9DAK	K5AM	JO4CFV	G3BRD
KN4JX	KE2R	K5ZQ	K1DJ	HB9CIP
LU2DKT	KZ1W	K8JJC	K2XF	HK3O
N4MEC	N2RR	KD9HL	K5AV	IK0DWN
N6RFM	N3DAP	KK8X	K7OX	JA1SDV
N9SF	N4RF	KK9H	K7PO	JA2FGL
N9TF	N6EE	KQ3F	K9RO	JF1EGO
NU4Y	N8AGU	N0JZ	KI5T	JF6WTY
PA0ZH	NA5Q	N2CW	KT2E	JK1BSM
R5FY	OE1CP	N2SQW	KX2A	JO1WYO
R7LA	OK2BUZ	N3XM	LZ1JZ	K0WK
RX6DX	OK3CQR	N8AID	N2DPF	K1BG
S57J	R0FA	NA5Z	N4JI	K3FM
SM6AOU	RN4AA	NI5M	N4NW	K4KEW
UX7UN	RV6ARZ	NS3L	N4PL	K4MF
UZ6LWZ	SP3BQD	OE5CSP	N4SC	K4VIG
W2UB	SP6AXW	OH2OT	N4VN	K5HK
W3NRJ	US5CB	OK1AYU	N6NU	K6UM
W4ZYT	VE3OI	OK2BVG	N7DR	K7TJR
W7ACD	VK3NX	S57AL	ON7PQ	K9EA
WA2ALY	W3KB	UR3CRO	OZ4AAL	KA2BZS
WA8MOA	W4MAY	UT7UU	PF7M	KH6KG/W5
WB8BZK	W6TDX	UU5WW	PJ2/K8ND	KI0KB

KW0A	G4AAW	W5VU	T77V	K2BX
LZ2XF	G4PUQ	W6SZN	UA1AIR	K2TER
N3ER	G4VGO	YO7APA	UA1CKC	K3SEW
N3TR	I0OSI		UA6HOF	K4NNX
N4GU	JA1JAT	102	UA9MR	K5DNL
N4TTE	JA2GQO	A6/RV6LNA	UA9UCO	K6AAW
N6PF	JA2OLJ	CT4BD	UW7CN	K6XJ
N6WM	JA3FHL	DK3QM	VE2FYR	K7AR
N8MZ	JA8EJO	DL3DXX	W0JMP	K7IA
N9DR	JE1SYN	DL3NCR	W1MRH	K8BN
N9PGG	JH1DGQ	DL4CW	W1PV	K9JU
ND3L	JM2RUV	DL4KUG	W2LW	K9PG
NJ9C	K0EOO	DL5RDI	W2TX	KC4PX
NN3Q	K2UVV	EA8AKN	W3EKT	KD3UY
PA0GMM	K4LQ	EI4DQ	W4ALF	KE1VT
RA1QX	K5JUC	EI6GF	W5TO	KE4S
RU3UR	K7BTW	ES5RW	W7IUV	KF7NN
RZ6DX	K8CCV	F6BWO	WA0IDK	KN6J
RZ6LB	K9MUG	FM5WD	WA1S	KQ1F
SM5CCE	K9XJ	HB9AHL	WD8DSB	KS4XQ
SM7CQY	KE1IU	I8LWL	WS4Y	LA2GV
SO5AS	KJ4R	IT9SFT	WW5G	LA6UL
UA9FGJ	KJ7WY	IZ4MJP	YO2CMI	LZ1XZ
US5CAO	KM9E	JA0HXV	YO2IS	N0STL
UT4EK	LX1DA	JA8OW		N2AJ
UT7EC	N0RU	K0YN	101	N5AQ
UX4UM	N1HOQ	K1PTF	AA2VG	N8AG
UY0MM	N9BBQ	K2LP	AA3LX	N9JCS
VE3VHB	NU1T	K2TK	AA4NU	NE1F
W0YBS	OH3GD	K3KG	AC2AC	NX2X
W1QA	OH4UI	K4AQQ	AC5O	OA4TT
W3DRY	OK1DQT	K4KAY	CT1JGA	OE3WQB
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W5CWQ	OK3BRK	K6DJ	DH2FW	OK1PGF
W5GJ	OZ7JZ	K7BHM	DK9WI	OK2BOB
W5ZO	R9GM	K7UA	DL1KS	OK3EY
W6PH	RA0FA	K8BHZ	DL3ANK	OK4MM
W7DR	RA4HT	KJ6NZ	DL5JS	ON4LG
WA0I	RK3QY	KN4KL	DM3ML	PA4WM
WA9ETW	RU3OW	KW4BY	EA1WX	RA3AH
YC0LOW	SM3CBR	KY6R	EU1TT	RA4P
YO5ODE	SM6EHY	LA3ANA	G3ZFC	RA4SD
	SM7BHH	N5RZ	G4FJK	RB7GG
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AG1I	US2WU	OH2EA	HB9NL	RY6M
AI3Q	UT2AB	OK1DTN	IV3GOW	SM2DMU
DJ1MM	VA2ZO	OK1JDX	IV3KCB	SM7NDX
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DS3HWS	W0UVC	R3IS	JH3HGH	UT1CC
EA7SG	W1CTN	RU3UN	JH3PRR	UT4IS
EU6MM	W4AVY	S59DJK	JI3KDH	UT7HA
EW3LB	W4MZ	SM6WET	K0LW	VE2OJ
G3BDQ	W5THT	SP5MXZ	K1YR	VE3XB

VK2GR	JA5DQH	ON4ANN
W1AW	JA9CGW	ON7EH
W1FC	JF3DRI	ON7GB
W1GF	JH7BKN	ON9CC
W2SF	JS6TWW	OZ1ZD
W3WH	K0LB	PA0INA
W4BUE	K0XM	PA7RA
W4PM	K1NA	R3PJN
W5RF	K1NZ	R9JX
W7AV	K2CBI	RA3SD
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W8GB	K3TZV	RA6XB
W9MAF	K4FT	RC2A
W9ZCL	K4KSY	RN1A
WA3EKL	K4QS	RT5A
WB3HLH	K4UQC	RU3GF
WC4H	K7VIC	S53MJ
WK9U	K8BZ	S59SV
WR2G	K8CR	SV1VJ
WV9L	K8CS	SV2DSJ
YO2OXD	K8LE	TI5CDA
YO6BHN	K9NZ	UA3AKI
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	KC0V	UA6CEY
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A41ZZ	KD8BZY	UR4LRG
AA4AK	KP4N	UR8IDX
AB4VV	KQ5M	VE1RGB
AC4VM	LA8W	VE3OAT
AI2S	LU5OM	VE7JKZ
DJ6OI	LU5YF	VP2VA
DL1TPY	LZ3YY	VR2PX
DL1TRK	MM0SJH	W0GYH
DL9GTB	N0AH	W0MU
DU7ET	N0ATQ	W1AN
EA1CP	N1KI	W1YRC
EA2AAZ	N1MD	W2CCC
EA3ALD	N2SG	W3BBO
EA8AXT	N2XQM	W4HHN
EC5A	N3AF	W4OEP
ES5NC	N4CRI	W4OV
FM5GU	N4ZR	W5BK
G0VXE	N7DED	W7DT
G3OIL	N7TK	W7JET
G4CGG	N8IL	W8CNL
GM3ZSP	N8NB	W8FN
I2VGW	N8OQ	W8GDQ
IK0HFO	N9ADG	WB4SON
IK4MSV	NA6O	WU2M
IS0/YO3RA	NB3R	YB1TJ
IW0BYL	NG7A	YL2SM
IW0HQE	NJ3I	YO9FLD
JA1BRK	NN4SS	ZP9MCE
JA1CPU	OE5JDL	ZS2DL
JA1ILA	OK1DXD	
JA4FSH	OK2PAZ	