

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 26 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 N3XX SV8JE
340 K1ZM	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG N4RJ UT3UA	301 DL9KR F6BKI LZ2JE N1RJ 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			
331 K5UR LZ2DF UT7QF	318 4X4DK			
330 AA1K HA0DU OH1XX R4GM	317 W3LPL	310 I4AVG I4EWH RA3CQ SM5BFJ	304 DJ0MDR GM3GAV	
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 MD0CCE 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 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	KC7V 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 IK0YUT K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF UW5ZM W3LL	234 IK6FWJ JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI W7AO
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
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	231 4X4NJ HA9RE 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	220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R OZ1AXG VE3EXY	N7JW W0UO W2LK W6YI	JJ2LPV 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 JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL WP4U	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA JA9FPI K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JA2WYN 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 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 IZ8VYU 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		215 JH0INP	210 I8SAT JA7MSQ	

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 K4XO K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U W18A	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 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 JA1XEC 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 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 178 4Z5CX EA3CJ JA4MRL JL1SAM K2UR N7XR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS 177 9H1SP AE5E CT1GFK K3WC K4RG K5GKC K9NU OK1DWC PY5EW SM6DHU W5LT W7FI WB7B 176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK RL3FA SM5FUG SP1MGM W4BP	W4GD YO7NE 175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI LA5LJA N7IR PE1L TF3SG VE3FF W8HC WA9PIE WX0V 174 JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C 173 5B4ALJ I1JQJ JE2LPC JE3ENP K1NTR K4XR K9YC KA1J N5FG RC9F UN9L VE6WQ W3IP 172 EA7TV G3NKC	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 170 DJ6TK IK0PEA JA6JPS JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI 169 JA1ADT JR1IZM K1LI N4XX N7US RN3OG UT8MM UY5AA W6RW W7Yaq WB3JFS 168 G3MXJ HB9TKS I2ZGC	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 166 4Z1UF DJ4SO IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU NY0V RM3DA W0DJC W1RR W8ILC
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WA8TXT	W1LW	158	W1YIF	KS3F
165	W2XL	AA6AA	W4TV	N9OY
DL7UCX	W8WEJ	CT1FCX	155	S55ZZ
F6HDH	161	DJ4PT	DL1RK	UA6IGI
IK0AGU	DK2GZ	DL1FKA	DL4SZB	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	JR3OEH	W2XI	W7AJ
SM4CTT	K8ND	K1CA	WE1P	W9JJB
W5BN	LB2TB	K5TT	WS5W	WB3CQM
164	N4GN	K9GA	ZS6EZ	151
GU4YOX	OE5RLM	KQ4AV	154	AA7G
HA7UW	OH6RA	OZ1HX	3V8SF	DK2OY
HB9BZA	VK3HJ	RU6M	GM3PPE	EI9JF
JA1RTX	YU2TW	SM4EMO	IZ3ENH	F3SG
JA7ZP	160	W0SZ	JA8NFV	HB9SLO
JH2SON	AD5Q	W1OX	K0KVR	JA6BEE
K1NJ	DK1WB	W3GQ	KR2Q	JH1NYM
N5WA	DL1DA	W4QN	NX8Y	JR1XIS
RA3ZH	EA3GP	157	SV1CNS	K2AX
W4DKS	IW2FND	AA4H	W1NA	K2FW
W4NS*	JA2EPW	AC6DD	W5DNT	K8ROX
WP4G	JE2DZC	DL4MM	YS1RR	N5JB
WW3S	JE2OVG	EA5BY	153	OK1ATP
163	JF2XGF	G3TQZ	AJ9C	RD3A
9A2JK	JR7MAZ	HB0CC	CU2AP	RU3A
DJ9HX	K3MSB	JA1GHH	DF2RG	S54A
JE2LUN	K3RA	JH7IAJ	DL1DUO	SP7AWG
JH4CPC	NR4M	LY5A	DL3ZA	SV9AHZ
K7NN	RU6L	N5MOA	G3TJW	W7CT
K8TL	UA0FZ	NE9Z	HL2CFY	W7RH
OK2QA	UX5UO	RU4UR	JF1IRW	WA1Z
RW3RN	W1BR	SM3PHM	JR9OPJ	WA2BCK
UR4CWQ	W5XC	SV8ZS	K7SP	150
VE3CFK	W9RN	W2TA	K8VFX	EA1AF
W7AL	WX0B	W5GZ	KD0PO	IV3RAV
162	159	WS7L	LZ1PM	JA1SVP
4O3A	DL6MRS	YV2IF	N4TV	JA2NQG
9A4W	JA4FKX	156	N5TW	JL1UXH
F3AT	JA9APS	AB9V	N8II	K0RS
HB9BUN	JH6QFJ	FM5BH	R9OK	K1OA
IZ4DPV	JL1RUC	IZ8IEV	SM6CLU	K5TR
JA6GIJ	K4RO	JE3GRQ	SP5CCC	K5VWW
JH4ALY	OK2ZV	JO7HAM	UT5UY	K7LV
JR5JAQ	UN7JX	K0QC	WB8BPU	K8AJS
LB6KC	W3HKK	K8YSE	152	KU4XO
N8MR	W6BJH	KS1J	EW2A	LA6OP
VE7SL	W7SX	N3RC	JA2VQF	N3QE
W0HT	WD5BJT	N3UA	JT1CO	N9CO
W0TT		N7WS	K9MK	OE8SPW
		UA3SAQ		ON6AA
		VA3LX		SQ5EBM

UA6YW W2/CT1GIF W6DAO WW2DX	K5SM K6NR K7WP LB5WB N7BT OH1JP RU0SN W1IZL W1ZT	W4GE W7ZI W8RLS WC5M WD5T YO3CD	NJ3K SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	IK8EPC JA3OOK JF3LOP K1RO KJ6P NA5DX OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM
149 DL7CX HB9HFN IOJBL IK4FNF IZ0RVI 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	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 JA1XQC JN1BMX K8UT KM1H N1IBM NA5C PC3T W1OP W2KKZ		141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JH1HHC JH4JNG JI1DCW JR2LJO K2RW	138 DK8MCT DK8YY EI9FBB F6DDR	135 5B4MF AG1A BA4RF DJ9ZB F6FXU IZ7EVZ JA2KVD
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K5KV				

JA7LMZ	JA7GLB	N3MK	W8MK	W1OPD
JA8BNP	JA9AGN	N4QWZ		W3BG
JA8JL	JR6FC	N5PHT*	128	W3FOX
K1ZE	JR7FRW	N6RK	AA4SC	W3MF
K4TT	K2CDJ	ON4ON	DM2RM	W8LMG
K4ZRJ	KS4YT	PY5EG	IK2SGB	XE1KK
K7FL	KU2A	R0SR	JA1XCZ	
K7XB	OE1KM	R9MJ	JA2AHH	126
NZ9R	RA5BM	R9SA	JA2KSP	DJ8WD
R3VA	RV4LC	W8DCH	JA5FDJ	F8BPN
R7LP	UQ2PZ	W8KA	JA9AA	G4IUF
RN3RQ	VE3WT	ZS1A	JE1LFX	JA7KY
SM3LGO	W0NFL		JH4GJR	JH3CUL
SM5CZK	W2QO	130	K0FF	JJ1DWT
SP3XR	W5AJ	DF9ZW	K3XA	K2ZD
SV5DKL		E73M	K4JAF	K4JKB
UB3A	132	EI2JD	K4SE	K4XU
W1DIG	AA4NC	G7VJR	K6LPO	N8NA
W1EQ	AD6W	HK0HEU	KG7CW	OK3CQD
W2GD	G3UHU	IK3XJP	KM4NS	PA5TT
W4BUW	IK3VBB	JA2FBC	N5KM	VE3CX
W4MBD	IT9RDG	JG1DUZ	OE3SGU	VE7BV
W4RFZ	K6YUI	J14POR	OZ1IKY	W8REW
W6DR	K9ZM	K2MYR	R9SG	W9ILY
W6JTI	N6HY	K3NK	S53X	WB2REM
WE4S	OZ2RH	K7LFY	S55DX	WD4LBR
	SM4BZH	K8BCK	SV3DCX	YU1EXY
134	SM6BGG	K9GL	US8UW	
CT3HF	SP6M	KO8SCA	VQ9LA	125
HA1RB	VE3CRG	NA4EA	W2WC	9A1AD
IK4DCS	W4AXL	NO9E	W4IS	GW3TMP
JA7LGE	W4RBO	OZ2ABI	W6RKC	HK4SAN
K1TO	W4WM	R5QA	WB0O	IW0HEX
K1ZN	W5SL	R9AB	ZS6UT	JA4IYL
K3OX	W7AH	RU1AO		JA6VU
K5VIP	W7CD	S51NM	127	JE1TSD
KX4TT	W9FR	TA1CM	AC9EM	JE6UWU
N9MR*	WB3D	VE3DO	CT3KN	JF2WXS
N9RS	XE2S	W2MPK	HK1MW	JH1AGU
OE1TKW		W9ZT	JA1DDH	J14WAO
OH1ZK	131		JA1WLO	K1HAP
ON4CAS	DK7YY	129	JA8RJE	K5KG
PY5HOT	DL9FCY	HB9AZZ	JA9KRO	K9GWH
RG6G	HS1NGR	JA1NWD	JH3AIU	KA6BIM
RX4HW	IV3KFB	JA8JO	JN1RQV	KI4WCQ
SM0BYD	JA0AOO	JK1EXO	JS2LHI	LZ1XL
UA0ACG	JA2TBS	K6XM	K0RW	N2KA
W4JKC	JH4ADK	K8DV	K3TRM	N3EN
YU1AM	JJ1TEA	LB7ZG	N1AC	N4JT
	JM1FHL	N0YY	N1GC	ND5S
133	K1UU	N2BJ	N9RD	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*

W9DX WV4TN* YO2RR	W1AO W4NF W8NJR XE1H	W3RJW W6XI W9FI W9XX W9YE WA1PMA WY1G XE1VIC	EW4M G4DJJ HB9AAQ HB9BCI I2TZK I4MKN IK0ZIO JA3AZD JA4XGC JE2JMV JH6CDI K5UZ K7EG K8KWT 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 W3ICM W4ZRZ W6SL W8ZR W9HBH WA2USA
124 AA7XT AB1OC JI1DHY KD2T KD4POJ KZ5DX 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 AA4DD AA5JF AL7TC DL2VWR FG5FR HB9BLQ IZ0LKV IZ5NFD JA4EPE JR3UIC JR6LLN K2BA K2HK K3QIA K9SG KA8ZPE N4BAF N4LR N4TB N4UFP OE3EVA OZ2A PZ5RA RL3BZ SP3PLD SP7ITB SV1IW UR5IKN US0YA US1CT 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 IK7YZG IT9TQH IV3HYD JA1WTI JE2EHP JH3GCN K1DC K1RI K6RO KT1V
123 AC4TO DL7JRD F4GTB G4WFQ G5LP HB0WR IK2CHZ JA0CRG JA1SJV JA3MHA JA6WJL JR1EBE K2PK K3FRK K3XO K4ZIN K5GH K5JC K6FW K7UT K9CS KV4T N2ED N4DWK N6MZ N9JV N9LQ NA2P NA9RB S50B UA3DK UR9QQ UT3QU	121 AA6RR AA8CH DF1DB DK1EI DK6CQ EI2GLB HB9DHG IT9AAI JA2HYD K3NF KD8RQE KG9Z KV4AA N0OK N1JP N3ND N4TL N6HC N8PW SV1AHX SV1FKZ UQ1GWW UT4EO UU2JQ VA3AYA W0QQ W2GG	119 AA3AZ AE3T AJ4A DK3GG DL9OBY		

KV1J	EI8IU	NK5B	UT6UD	WA2MUA
NA9Q	F6CWA	NZ3M	VE7XF	WB4TDH
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

F8EZE	KN4JX	K3SW	JJ0NCC	JA7BME
G3SVD	KX2A	K3YBN	JR0EQQ	JA8RRF
IW0HQE	KZ1W	K4MS	K0DEW	JA9APM
JA2CXF	LU2DKT	K8LBT	K1PX	JF1RYU
K2CJ	LZ3YY	K8ZR	K4DSE	JF2VAX
K2ONP	N2DPF	KB9DAK	K5AM	JO4CFV
K4RDU	N4MEC	KE2R	K5ZQ	K1DJ
K4SAF	N6RFM	N2RR	K8JJC	K2XF
K5FZ	N9SF	N3DAP	KD9HL	K5AV
K5KA	N9TF	N4RF	KK8X	K6DJ
K5KPE	NU4Y	N6EE	KK9H	K7OX
K6MW	PA0ZH	N8AGU	KQ3F	K7PO
KA9UVY	R5FY	N9PGG	N0JZ	K9RO
KE1F	R7LA	NA5Q	N2CW	KI5T
N1BZ	RA1OHX	NE1F	N2SQW	KT2E
N2WLG	RX6DX	OE1CP	N3XM	LZ1JZ
N7TY	S57J	OK2BUZ	N8AID	N4JI
N8NN	SM6AOU	OK3CQR	NA5Z	N4NW
ND4V	UX7UN	R0FA	NI5M	N4PL
NN4RR	UZ6LWZ	RN4AA	NS3L	N4SC
NU4I	W2UB	RV6ARZ	OE5CSP	N4VN
NX7U	W3NRJ	SP3BQD	OH2OT	N6NU
PY5CC	W4ZYT	SP6AXW	OK1AYU	N7DR
RW4UU	W7ACD	US5CB	OK2BVG	ND3L
RW9QA	W8IW	VE3OI	S57AL	ON7PQ
RX3AGD	WA2ALY	VK3NX	UR3CRO	OZ4AAL
TG9NX	WA8MOA	W3KB	UT7UU	PF7M
UB5ZAL	WB8BZK	W4MAY	UU5WW	PJ2/K8ND
UT7KF	WC1M	W6TDX	V73AZ	PY2DS
VU2CPL	WC6DX	W8VK	VQ9SS	R6YY
W5WP	WD9EQU	W9CPV	W1CWU	RA6AF
WB5TUF	WW1WW	WA0RVK	W2EQ	RD4WM
WN0L	ZS2DL	WB6CJT	W2LE	SP5JXK
YV3AGT		WB8ART	W2NO	UA6LCN
	107	WS1L	W4IR	UR1RWX
108	4Z5LA	XE2YWH	W5JAY	UR2RGN
AI2Q	DJ8ES	YL1XZ	W5KI	VE1PZ
AL7R	DK3FB	ZL3RJ	W8OP	VR2MY
DL6CNG	DL1QQ		WA4MYO	VY2ZM
ER1LW	DL2CHN	106	WA6TLA	W1LE
G3VAO	DL5XU	AA4FL	YL2GN	W1LY
HB9BAT	DO4DXA	AE2U	YU3EF	W1MRH
HB9FAN	EA5AT	DJ6OZ		W4OWY
IK0PRG	EA7QW	DL2NOM	105	W6FF
IZ0BTV	FG8OJ	DL3JSW	DF2PI	WQ5W
JA2MOG	G4AKY	DL6JZ	DF8AA	YU1NR
JJ2PIK	G4RGK	EA1CP	DJ3XD	
JK1MZT	I5IHE	EA3CCN	DJ6KH	104
K1EP	IT9XTP	HA8DZ	DL4ZAB	9M2AX
K1XM	JA4EVN	IW3GJF	DL6XK	AD1C
K2KQ	JA5EY	JA1VLK	DO1CTL	AG4Q
K2MK	JA6OXT	JA2MNB	ES1GO	AH0U
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K4YJ	JH9DRL	JG3HBO	HA8FW	CX3CE
K6UT	JR1BAS	JG5RVQ	JA1BWA	DK3BK
K8OM	K0MD	JH2KKW	JA1TAA	DL4FAP
KM8AM	K1TZQ	JH6PFY	JA6VA	DL7UPN

E73D	VE3VHB	N1HOQ	K2TK	AA4NU
EA8ZS	W0YBS	N9BBQ	K3KG	AC2AC
EI9E	W1QA	NU1T	K4AQQ	AC5O
F6AJA	W3DRY	OH3GD	K4KAY	CT1JGA
F8GB	W3TMZ	OK1DQT	K5ZO	D44BC
G3BRD	W5BK	OK2BQU	K7BHM	DH2FW
HB9CIP	W5CWQ	OK3BRK	K7UA	DK9WI
HK3O	W5GJ	OZ7JZ	K8BHZ	DL1KS
IK0DWN	W5ZO	R9GM	KJ6NZ	DL3ANK
IZ4MJP	W6PH	RA0FA	KN4KL	DL5JS
JA1JAT	W7DR	RA4HT	KW4BY	DM3ML
JA1SDV	WA0I	RK3QY	KY6R	EA1WX
JA2FGL	WA9ETW	RU3OW	LA3ANA	EU1TT
JF1EGO	YC0LOW	SM3CBR	LA6UL	G3ZFC
JF6WTY	YO5ODE	SM6EHY	N5RZ	G4FJK
JK1BSM		SM7BHH	OH2EA	GM3WTA
JO1WXO	103	UA3PFN	OK1DTN	HB9NL
K0WK	AG1I	US2WU	OK1JDX	IK5ZUK
K1BG	AI3Q	UT2AB	OK3CSQ	IV3GOW
K3FM	DJ1MM	VA2ZO	PA7TWO	IV3KCB
K4KEW	DJ3GZ	VA3IC	PV8ABC	JA1VVX
K4MF	DJ7PI	VE3EDY	PY2DO	JA2VMU
K4VIG	DL2HX	VE3MFA	R2AB	JA6TMU
K5HK	DL8YRM	VE3VV	R3IS	JA7SFD
K6UM	DM5TI	W0QC	RU3UN	JE1PHH
K7TJR	DS3HWS	W0UVC	S59DJK	JF1RPZ
K9EA	EA7SG	W1CTN	SM6WET	JH3HGH
KA2BZS	EU6MM	W4AVY	SP5MXZ	JH3PRR
KH6KG/W5	EW3LB	W4MZ	T77V	JH7BKN
KI0KB	G3BDQ	W5THT	UA1AIR	JI3KDH
KW0A	G3OIL	W5VU	UA1CKC	K0LW
LZ2XF	G4AAW	W6SZN	UA6HOF	K1YR
N3ER	G4PUQ	YO7APA	UA9MR	K2BX
N3TR	G4VGO		UA9UCO	K3SEW
N4GU	I0OSI	102	UW7CN	K4NNX
N4TTE	JA2GQO	A6/RV6LNA	VE2FYR	K5DNL
N6PF	JA2OLJ	CT4BD	W0JMP	K5WE
N6WM	JA3FHL	DK3QM	W1AW	K6AAW
N8MZ	JA8EJO	DL3DXX	W1PV	K6XJ
N9DR	JE1SYN	DL3NCR	W2LW	K7AR
NJ9C	JH1DGQ	DL4CW	W2TX	K7IA
NN3Q	JM2RUV	DL4KUG	W3EKT	K8BN
OH4UI	K0EOO	DL5RDI	W4ALF	K8YYY
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RA1QX	K2UVV	EI4DQ	W5TO	K9PG
RU3UR	K4LQ	EI6GF	W7IUU	KC4PX
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SM5CCE	K8CCV	FM5WD	WD8DSB	KE4S
SM7CQY	K9MUG	HB9AHL	WS4Y	KF7NN
SO5AS	K9XJ	I8LWL	WW5G	KN6J
UA9FGJ	KE1IU	IT9SFT	YO2CMI	KQ1F
US5CAO	KJ4R	JA0HXV	YO2IS	KS4XQ
UT4EK	KJ7WY	JA8OW		LA2GV
UT7EC	KM9E	K0YN	101	LZ1XZ
UX4UM	LX1DA	K1PTF	AA2VG	N0STL
UY0MM	N0RU	K2LP	AA3LX	N2AJ

N5AQ	100	KB1HY	SV2DSJ
N8AG	9M6YBG	KC0V	TI5CDA
N9JCS	A41ZZ	KC4D	UA3AKI
NX2X	AA4AK	KC5LT	UA4PAY
OA4TT	AA4UC	KD8BZY	UA6CEY
OE3WQB	AB4VV	KP4N	UN6P
OH3TY	AC4VM	KQ5M	UR4CW
OK1PGF	AI2S	LA8W	UR4LRG
OK2BOB	DJ6OI	LU5OM	UR8DX
OK3EY	DK8MM	LU5YF	VE1RGB
OK4MM	DL1TPY	MM0SJH	VE3OAT
ON4LG	DL1TRK	N0AH	VE7JKZ
PA4WM	DU7ET	N0ATQ	VP2VA
RA3AH	EA2AAZ	N1GFV	VR2PX
RA4P	EA3ALD	N1KI	W0GYH
RA4SD	EA8AXT	N1MD	W0MU
RB7GG	EC5A	N2SG	W1AN
RK9F	EI3ISB	N2XQM	W1YRC
RY6M	ES5NC	N3AF	W2CCC
SM2DMU	FM5GU	N4CRI	W3BBO
SM7NDX	G0VXE	N4ZR	W4HHN
SP7JLH	G4CGG	N7DED	W4OEP
SV1PL	GM3ZSP	N7TK	W4OV
UA0FDX	I2VGW	N8IL	W6WA
UG6GAW	IK0HFO	N8NB	W7DT
UR5WIF	IK4MSV	N8OQ	W7JET
UR7CQ	IS0/YO3RA	N9ADG	W8CNL
UT1CC	IT9CVO	NA6O	W8FN
UT4IS	IW0BYL	NB3R	W8GDQ
UT7HA	JA1BRK	NG7A	WB4SON
VE2OJ	JA1CPU	NJ3I	WB8TGY
VE3ARF	JA1ILA	NN4SS	WU2M
VE3XB	JA4FSH	OE5JDL	YB1TJ
VK2GR	JA5DQH	OK1DXD	YL2SM
W1FC	JA9CGW	OK2PAZ	YO9FLD
W1GF	JF3DRI	ON4ANN	ZP9MCE
W2SF	JH7XPW	ON7EH	
W3WH	JS6TWW	ON7GB	
W4BUE	K0LB	ON9CC	
W4PM	K0XM	OZ1ZD	
W5RF	K1NA	PA0INA	
W7AV	K1NZ	PA7RA	
W7CB	K2CBI	PY7DJ	
W8GB	K2CYE	R3PJN	
W9MAF	K3TZV	R9JX	
W9ZCL	K4FT	RA3SD	
WA3EKL	K4KGG	RA4LW	
WA3PTF	K4KSY	RA6XB	
WB3HLH	K4QS	RC2A	
WC4H	K4UQC	RN1A	
WK9U	K7VIC	RT5A	
WR2G	K8BZ	RU3GF	
WV9L	K8CR	S53MJ	
YO2OXD	K8CS	S59SV	
YO6BHN	K8LE	SM0CXU	
YV4DYJ	K9NZ	SV1FJP	
ZS1J	KB0EL	SV1VJ	