

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 Oct 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	OH3SR W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR	309 I4EWH	
340 K1ZM			308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR		301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
335 OH2BU R7LV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
334 N4WW	322 UX0UN W3UR			300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
332 UR0MC	321 WB9Z	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		299 K4TEA N1BUG SV1FJA UX1UA W7UT
329 K3UL UA4HBW	318 4X4DK W9ZR		304 DJ0MDR GM0GAV SM3GSK	
328 UA4CC	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX

SM5CEU	UT1UY	SM6DHF	276 DK5WL G3LZQ N8RR N9IW OK1AWZ VE2TZT	269 K6ND KD5M SP9JZU W1ZC
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX
295 K3UA		280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK		273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ
293 JH4UYB S58T	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ KG4W N2TK N5DG SM6CNN SP5CJQ UA6MF	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU RU3FM	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	284 K5XI SP3DV UX1AA	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF OH3BU ON7TK SP9DWT	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY
290 UA3AKO	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK			

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	I1EIS N0AT OM3DX WA4FFW	R7IA WA7NS WB3AVN YO9HP	OK1DWJ SP5GRM UA3TT VE1YX VE3NH	OK2ZI OZ4O SP8AJK WA7NB
260 K1LT K4DY UT9FJ	253 5B4AGN IV3YYK K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
259 DF4PL F6GCP G3ZSS I1FQH R9FM	252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY ON4IQ		233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 K1GUN K9NW N4II N8TR W9YSX		243 DK2JX DK3DG IK0MHR ON4ATW S57A SV8CKM W9RPM WX4G	238 DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP W3LL	232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL JH1GZE K5VRX K8FL KY7M SV8GFW W1TSP W3DF	250 HB9RG NQ1K OZ8BZ			
	249 AB3CV AI9L K9RX SP5DRH	242 EA4KD KG7H	237 AC4G DL7MAE IW1ARB NI0G OM4EX	
255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK KA9CFD N4XM N5TY* N7RT OE2LCM	236 AB4I K1JO K5EK K9NR K9ZO KC7V	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
254 AA1QD	247 K0IEA K6XT NN4X NO2R			230 DF6PB JA1CMD

KD0Q N8JV SM3NXS W4GF W4VQ	N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	N1LN VE3EXY	W6YI	UW7LL W7JW
229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	219 IK3VUU JA2FBY JA2FJP KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA KG9N N9LB VE1DX VE3LYC W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT LA7HJA N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS
226 DL5WW JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	221 JA2WYN JJ3PRT K4MWB K8SIX N6VR W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW
225 A45XR JH7PFD K1MM K5AB K9FD/KH6*	220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R	215 IZ8FWN JH0INP N7JW RA1QD W0UO W2LK	210 I8SAT JA7MSQ JJ2LPV	

205 F6EXV I4KDJ JA3AAW KA9FOX W8UN WB8ZRL	OK1DOT R9TO RA3S UA9FAR WA2HZO ZL3IX	JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS XE2X	DL6ZXG EA3WD HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	SP7HOV UA7T WA3C
204 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 K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB OH2IS W3UA W3YQ W8LGJ	188 AB4IQ CT1FMX JA1KQX KB0EO KB1EFS KE9ET KL0S N8LJ RM0F SM0NJO W1YM W6SR W8JV WA6YEE
203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG	195 EA3JL EA5RM G3ZEM JA0EOK JA1EOD JH1QAX JN7FAH K3PA K7SO K9RT KF8UN N1SV W5ZG W9OP	191 CT3MD JA1ANR K0BBC K0JGH K8FC K9LA NE1B RK2FWA WE9R	187 AJ1H JA8DNV K0SR K6SRZ KN5O LA0FA N2NS OK1CZ SP3FAR W7AWA
202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV K9YY LY1G N5ZM N7KA	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA	194 JA1XEC K4KDX K9JF KB9LIE LA7AFA SM7GIB W2LO W4FC WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV	186 9A8A IK2QPR JA2LCP K0BJ K7LAY YL2TW
	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB	193 CT1IUA DF2GH DK1FW DL5ZB	189 9A2F AA1ON EA8PP FM5CD JA0VSH	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO
	197 G3SNN JE1BMJ			184 HA5WA JA2ZL

JF1NZW
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JA3ENN
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VE3OSZ
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180
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W8TN

179
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178
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SV1JG
W6NWS
W7MEM
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177
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176
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175
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174
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JR6PGB
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K4TR
K4WS
N1EN
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W8VVG
WT8C

173
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172
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WC4X

171
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170
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JM1GYQ
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SV3KH
W9EVI
WA3AFS

169
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UT8MM
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W6RW
W7Yaq
WB3JFS

168
G3MXJ
IK2EGL
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JF2UPM

K4XD
K5QY
K8RYU
KR4F
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N8BJQ
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SP5GH
SV2AEL
W4SVO
W6VX
W8OI
WA0MHJ
WA5YNB

167
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K8NK
K9MBQ
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N3BNA
OH2BLD
PA3C
RA1AOB
RN9N
S51EC
W1YW
WA4LOX
WB0TEV
WC5N

166
4Z1UF
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IV3TDM
JA1FNA
JA9LJS
K1KA
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K4JLD
K4PB
K4WA
K4ZYU
RM3DA
W0DJC
W1RR
W8ILC
WA8TXT

165
DL7UCX
F6HDH

I2ZGC	161	J11FXS	NE0DX	W6RLL
IK0AGU	DK2GZ	J11NJC	NW7E	W7AJ
JE7RJS	DL6RAI	JR1GJP	SM6VR	WB3CQM
JH7CFX	HB9DHK	K5TT	W2XI	
K5JZ	JA1DOF	K9GA	WE1P	151
KK4CB	JH4ALY	OZ1HX	WS5W	AA7G
N4HB	K1USA	RU6M	ZS6EZ	CU2AP
N9FN	K5GO	SM4EMO		DK2OY
NY0V	K8ND	W0SZ	154	EI9JF
RC9F	LB2TB	W1OX	3V8SF	F3SG
SM4CTT	N4GN	W2XL	GM3PPE	HB9SLO
SP6EQZ	OH6RA	W3GQ	HB9BUN	JA2VQF
W5BN	VK3HJ	W4QN	JA8NFV	JA6BEE
	YU2TW		JR3OEH	JH1NYM
164		157	K0KVR	JR1XIS
GU4YOX	160	AA4H	KR2Q	K2AX
HA7UW	AD5Q	AC6DD	NX8Y	K2FW
HB9BZA	DK1WB	DL4MM	SV1CNS	KD0PO
JA1RTX	DL1DA	DL6MRS	W1NA	N2ZN
JA7ZP	IK0FUX	EA5BY	W5DNT	N5JB
JH2SON	IW2FND	G3TQZ	YS1RR	OK1ATP
K1NJ	JA2EPW	JA1GHH		RD3A
N5WA	JE2DZC	JH7IAJ	153	RU3A
RA3ZH	JE2OVG	LY5A	AJ9C	S54A
RN3OG	JF2XGF	N5MOA	DF2RG	SP7AWG
W4DKS	JR7MAZ	NE9Z	DL3ZA	SV9AHZ
W4NS*	K3MSB	RU4UR	G3TJW	W7CT
WP4G	K3RA	SM3PHM	HL2CFY	W7RH
WW3S	NR4M	SV8ZS	IZ3ENH	WA1Z
	RU6L	W2TA	JF1IRW	WA2BCK
163	UA0FZ	W5GZ	JR9OPJ	
9A2JK	UX5UO	WS7L	K7SP	150
DJ9HX	W1BR	YV2IF	K8VFX	EA1AF
JE2LUN	W5XC		LZ1PM	IV3RAV
JH4CPC	W9RN	156	N4TV	JA1SVP
K7NN	WX0B	AB9V	N5TW	JA2NQG
K8TL		IZ8IEV	N8II	K0RS
OK2QA	159	JE3GRQ	R9OK	K5TR
UR4CWQ	JA4FKX	JO7HAM	SM6CLU	K7LV
VE3CFK	JH6QFJ	K0QC	SP5CCC	K8AJS
W7AL	JL1RUC	K8YSE	UT5UY	KU4XO
	K4RO	KS1J	WB8BPU	N3QE
162	OK2ZV	N3RC		N9CO
4O3A	UN7JX	N3UA	152	OE8SPW
9A4W	W3HKK	N7WS	EW2A	SQ5EBM
F3AT	W6BJH	OE5RLM	JT1CO	UA6YW
HB9TKS	W7SX	UA3SAQ	K9MK	W2/CT1GIF
IZ4DPV	WD5BJT	VA3LX	KQ4AV	W6DAO
JA6GIJ		W1YIF	KS3F	WW2DX
JR5JAQ	158	W4TV	N9OY	
LB6KC	AA6AA		S55ZZ	149
N8MR	DJ4PT	155	UA6IGI	DL7CX
RW3RN	DL1FKA	CT1FCX	UN7LZ	HB9HFN
W0HT	G4GIR	DL1RK	UT5AB	I0JBL
W0TT	IT9DSZ	DL4SZB	VE6LB	IK4FNF
W1LW	JA9APS	HB0CC	W1SKU	JL1ARF
W8WEJ	JH1TWT	K2LS	W1VT	K3TN

K4YYL	145	N2RJ	140	V51B
K5VWW	AF4HX	N2WM	9A1CAL	W1GD
K8ME	HI3T	N5UW	HB9RYZ	W2YE
K8ROX	IZ0RVI	N6PAT	JA4OK	W4YV
R8TX	JE6TSP	NN4R	K5WK	W7OM
SM6CUK	JJ3HGJ	W0IZ	K6KLY	137
UW7UA	JK1AJX	W6QUV	KF8DX	EA1YO
W0GG	K1OA	WB8CQV	N4XP	GM3YOR
W7HPW	K3VAT	WB8ZRV	OH6NIO	HB9CQK
WB8B	K4OY	WD9DZV	ON7DR	IZ2FOS
WD5K	K8BL	142	UN1L	JA3APU
YO3DDZ	KF6HI	I5HOR	VE6SV	K2QMF
148	KR0P	JA2ATE	W0SEI	K8NS
DK2CC	N1CGP	JH0BQX	W4NU	RA3CO
F5CQ	N4GG	JR7WFC	W7IV	RG7G
F5LVL	N6PSE	K3PP	W8LWU	UU1JA
F5PAC	NA5C	K4WZ	WO2T	W1ITU
G4FTC	RT0F	K6EME	YL2MU	W5ODD
JH1QDB	SM3DTR	KK1W	YO9FNP	WB5JID
LA6OP	144	LA9VFA	139	136
N2WB	CU3EQ	MM0SAJ	DF7EE	E72U
N5XZ	DL5CW	N7QT	DJ4XA	ER0FEO
NE3F	DL5KUA	NA4D	DL5EBE	HB9IQB
W5FKX	E70T	NQ7R	DL8OH	IK8CNT
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147	GM3ITN	OK1DO	JA1TMG	K0TV
EA3GP	HB9BYQ	W2OO	K3ANS	K4ZO
IV3VBM	I5MXX	W5LUA	K6AM	K7TM
JA1XQC	IT9GSF	W5VQ	K8GI	KR6C
JN1BMX	IV3DXW	WA5POK	K8RF	NA5DX
K7HP	IZ4GWE	141	KA8SYV	OK1DW
K8UT	JA3GN	AC9S	KU0A	SM5OJH
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N1IBM	K0VSH	EW1BA	OK1MP*	UT3UZ
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W1OP	LA9GX	JA1PTJ	SV8ZC	W2OIB
W2KKZ	N1IX	JA9RRH	W0SD	WB7QXU
146	N3KK	JH1HHC	WA8WV	135
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JA1HQG	SM4OLL	JI1DCW	DK8MCT	DJ9ZB
JA4DHN	SM5CLE	JL1UXH	DK8YY	F6FXU
JA5XAE	W4GE	JR2LJO	EI9FBB	IK8GYS
JH1GNU	W5ADD	K2RW	F6DDR	IU0HDC
K1CA	W7ZI	N8OC	IK8EPC	JA2KVD
K5KV	W8RLS	NJ3K	JA3OOK	JA7LMZ
K5SM	WC5M	OE6VIE	JF3LOP	JA8BNP
K6NR	WD5T	SV3FUO	JH7RXU	JA8JL
K7WP	YO3CD	W2CG	K1RO	K1ZE
N7BT	143	W3BW	K2RET	K4ZRJ
RU0SN	DL1DUO	W4JVN	KJ6P	K7FL
W1IZL	DL6EN	W4VIC	LB5WB	K7XB
W1ZT	HS0ZEE	W4WT	ON6AA	NZ9R
	IT9BLB	W8GNM	OZ8X	R7LP
	K7CMZ	W8HW	RW4CY	RN3RQ
	K7CW	ZS1C	UN7JID	

SM3LGO	132	E73M	K6LPO	JN1RQV
SM5CZK	AA4NC	EI2JD	KG7CW	K2ZD
SP3XR	AB9M	G7VJR	KM4NS	K4JKB
SV5DKL	AD6W	HK0HEU	N5KM	K4XU
W1DIG	IK3VBB	IK3XJP	OH1ZK	N8NA
W1EQ	IT9RDG	JA2FBC	OZ1IKY	OE3SGU
W2GD	JA6CBG	JG1DUZ	R9SG	OK3CQD
W4BUW	K6YUI	J14POR	S53X	PA5TT
W4MBD	K9ZM	K2MYR	S55DX	VE3CX
W4RFZ	N6HY	K3NK	SM3GQP	VE7BV
W6JTI	OZ2RH	K6SIK	SV3DCX	W8LMG
WE4S	SM4BZH	K7LFY	US8UW	W8MK
	SM6BGG	K8BCK	VQ9LA	W8REW
134	SP6M	K9GL	W2WC	W9ILY
CT3HF	VE3CRG	KO8SCA	W4IS	WB0O
HA1RB	W4AXL	NA4EA	W6RKC	WB2REM
IK4DCS	W4RBO	NO9E	ZS6UT	WD4LBR
JA7LGE	W4WM	OZ2ABI		YU1EXY
K1TO	W5SL	R3VA	127	
K1ZN	W6DR	R5QA	CT3KN	125
K3OX	W7AH	R9AB	HK1MW	9A1AD
KX4TT	W7CD	RU1AO	JA1DDH	AG1A
N9MR*	W9FR	S51NM	JA1WLO	GW3TMP
N9RS	WB3D	TA1CM	JA8RJE	HK4SAN
OE1TKW	XE2S	VE3DO	JA9KRO	JA4IYL
PY5HOT		W2MPK	JH3AIU	JA6VU
RG6G	131	W9ZT	JS2LHI	JE1TSD
RX4HW	DK7YY		K0RW	JE6UWU
SM0BYD	G3UHU	129	K3TRM	JF2WXS
SP6JIU	HS1NGR	HB9AZZ	KM3T	JH1AGU
UA0ACG	IV3KFB	JA1NWD	N1AC	K1HAP
W4JKC	JA0AOO	JA8JO	N1GC	K5KG
YU1AM	JA2TBS	K4TT	N9RD	K8DV
	JH4ADK	K6XM	OE8HIK	KA6BIM
133	JJ1TEA	LB7ZG	PA3EWP	KI4WCQ
9K2NO	JM1FHL	N0YY	SK7AX	LZ1XL
EU1U	K1UU	N2BJ	SP6A	N2KA
IK5DNF	K5VIP	N3KS	SP7ASZ	N3EN
IZ8DFO	K9DR	N3RR	W0CP	N4JT
JA7GLB	KC2LSD	W0YVA	W0RT	ND5S
JA9AGN	KH2L	W7QHE	W1OPD	NW6S
JR6FC	KM3V	W8MET	W3BG	OE1AZS
JR7FRW	KM4H		W3FOX	RA0BA
K2CDJ	N3MK	128	W3MF	UU7JM
KS4YT	N4QWZ	AA4SC	XE1KK	VE3UTT
KU2A	N5PHT	DM2RM		W5DAW
OE1KM	N6RK	IK2SGB	126	W9CG*
ON4CAS	ON4ON	IT9ZZO	AC9EM	WV4TN
RA5BM	PY5EG	JA2AHH	DJ8WD	YO2RR
RV4LC	R0SR	JA2KSP	DL9FCY	
UQ2PZ	R9MJ	JA9AA	F8BPN	124
VE3WT	R9SA	JE1LFX	G4IUF	AA7XT
W0NFL	W8DCH	JH4GJR	IZ7EVZ	AB1OC
W2QO	ZS1A	K0FF	JA1XCZ	J11DHY
W5AJ		K3XA	JA7KY	KD4POJ
	130	K4JAF	JH3CUL	NA2U
	DF9ZW	K4SE	JJ1DWT	PA0TCA

UA0BA	LA8PT	JA4EPE	NY7T	JM3GXU
VA7CRZ	N3NR	JR3UIC	OH5NG	JR2UBS
VE1DUN	N9AW	JR6LLN	OK1DT	K2BB
W2JU	NN7X	K2BA	R6FFB	K3NF
W2RIJ	OZ3Y	K2HK	SV1ACK	K6PJ
W3FM	RD4A	K3QIA	VE3YF	K8OOK
W6CYX	SP9WZS	K5JC	W4HZ	K8QM
WB8K	UU4JMG	K6FW	W8FIB	N2JJ
	VE6AX	KA8ZPE	WC2K	N4IR
123	VK4CAG	N4BAF	XE1RCS	N8AA
AC4TO	W2TB	N4LR		N8XI
DL7JRD	WA3I	N4TB	118	NY4G
F4GTB	WA7BNG	N4UFP	5T5PA	OZ5HP
G4WFQ		N8PW	AB2E	SM7BIC
G5LP	121	OE3EVA	DL5OCE	SP8HKT
HB0WR	AA6RR	OZ2A	JA4FHE	UA6J
IK2CHZ	AA8CH	PZ5RA	J18DGO	UB3A
JA0CRG	DF1DB	RL3BZ	JN7DOS	UR9IDX
JA1SJV	DK1EI	SP7ITB	K3WGR	US1CT
JA3MHA	DK6CQ	SV1IW	K4CNW	W4ZRZ
JA6WJL	EI2GLB	UR5IKN	K5XM	W6SL
J14WAO	HB9DHG	US0YA	K7PI	W8ZR
JK1EXO	IT9AAI	W0RX	K8LN	WA2USA
JR1EBE	JA2HYD	W2YR	K8WVA	
K2PK	KD8RQE	W3OA	K9GWH	116
K3XO	KG9Z	W4PRO	KD2T	AJ4F
K4ZIN	N0OK	W6RFL	KD6UO	DL7URH
K5GH	N1JP	W7RN	KG8CW	EA5BRE
K7UT	N3ND	WP3R	KV4AA	HA7PF
K9CS	N4TL	ZL4AS	LZ2HM	IK0EIE
KV4T	N6HC		N2MM	IK2OHG
N2ED	SV1AHX	119	N4DJ	IT9TQH
N4DWK	SV1FKZ	AA3AZ	N6MB	IV3HYD
N6MZ	UQ1GWW	AA4DD	PY2PA	JA1WTI
N9JV	UT4EO	AE3T	RN3TT	JE2EHP
N9LQ	UU2JQ	AJ4A	SV9COL	JH3GCN
NA2P	VA3AYA	DK3GG	TA2RC	K1DC
NA9RB	W0QQ	DL9OBY	W1KSZ	K1RI
S50B	W2GG	EW4M	W4DAO	K9FN
UA3DK	W3RJW	G4DJJ	W4NJ	KT1V
UR9QQ	W6XI	HB9AAQ	W5JMW	KV1J
UT3QU	W9XX	HB9BCI	W9FI	NA9Q
W1AO	W9YE	I2TZK	WX3P	OZ1LCG
W4NF	WA1PMA	I4MKN	YO4AUL	PA0JSE
W8NJR	WT4Q	IU0LFQ		RV3ID
XE1H	WY1G	JA3AZD	117	TZ4AM
	XE1VIC	JA4XGC	9Y4VU	UA4PCM
122	120	JE2JMV	AE0P	W1ENE
BA4RF	9A5F	JH6CDI	BH4IGO	W1WEF
G3NDC	AA5JF	K3FRK	DL1DWT	W7GG
JA1MRM	AL7TC	K5UZ	G3PLP	W7OEV
K1BZ	DL2VWR	K7EG	IT9DAA	W8LRO
K1ESE	FG5FR	K8KWT	JA1HQT	WQ5L
K1YT	HB9BLQ	K9SG	JA4FM	
K2MP	IZ0LKV	N0KV	JA5FDJ	115
K7ZA	IZ5NFD	N9UA	JA7GYP	C6AGU
LA7WCA		NT2A	JA7IC	CU2CE

DL9GOA	K5RJ	W9HBH	WT9U	F5BAR
G4XEE	KB8U	W9VNE	ZP6CW	G3LNS
G8BCG	KZ4V	WA4DOU		G8AJM
G8DX	N1QY	WB2HJV	111	HC1BI
HA5UK	N3MN	WB2UFF	9K2OD	I2BBJ
HK3PJ	N4IQ	WS4C	AA4U	IK5RUN
IW0HEX	NU8Z	XE1RBV	AF4OX	IK8UHA
IZ7JVR	UA3FT	ZL1BYZ	CU3AN	IZ0CKJ
JA2KNW	W0VX		DG7RO	J68HZ
JA3NHL	W3MR	112	DK2WH	JA7EPO
JG3LGD	W4TUN	A92IO	DK6ED	JE2UFF
JH1RFM	WA1FCN	DJ1RL	DL1HRN	JH1VHU
K0GD	WA4CEM	DK5RL	EV1R	K2BLA
K0SD	WA8MCD	DL5CL	F6ECI	K3JRR
K4CMS	WA9YYY	EA1JO	G4DBN	K3PH
K4GHS	WN9O	EI8IU	HL3GOB	K4WW
K4GK	XE3ARV	EW1DO	JA1AUD	K6MI
K8YTO		G3XGC	JA1FGB	K6VKO
KZ5DX	113	HB9CEX	JA1NCZ	KB4MRX
LY4T	9A1A	HB9CRV	JE8TGI	KC2STA
N0IRM	DJ5DT	HB9G	JF2WGN	N2CG
N4OA	DJ9RR	IK2ANI	K0FLY	N3HBX
N5BO	DL8CM	IU8FRE	K5WAF	N3IQ
N8KOL	DL8DYL	IZ4DIW	K7ORK	N3JB
OH8LXT	G4AFJ	JA1SXR	K9AJ	N4KE
PA3AXU	HB9EFK	JA4BXL	KM1R	NC6K
RZ6MJ	JA0GCI	JA7BXS	KP4AA	NK7C
UA1ANA	JA4ITW	JR7TEQ	KZ0X	NY4I
UA1CGS	JH1ORA	K0JPL	LA0CX	RD9M
UA6XT	K0TPP	K1EDG	N4WJ	SM5BHW
UN6T	K8SL	K1EO	N7BD	SV1VS
W4UCK	KA4RRU	K1KO	N9HF	UA3O
W5VY	KH6DX	K4UAS	NA1DX	US7MM
YL2CZ	KI0G	K8CC	UR6QA	W0UY
	KT1J	KB2FCV	VE6KC	W3XY
114	N6PE	KI4DLS	VE7CT	W4DC
AB4GE	N7KO	KM1C	VE7UF	W4NE
BA4DW	N9ISN	LA8HGA	W0VHF	W5ZPA
BA7IO	NA3F	N5ZC	W1FO	W6KK
CT3FN	NG0G	N6MA	W4HOG	WL7E
CU3AK	NI5F	RU4SU	W4OX	XE1FAS
DL6NB	NK5B	SM3DMP	W5AQ	YU7AU
F6CWA	NZ3M	UA1ACG	W7VS	ZL3NW
G3SDL	ON5UE	UA1CEI	W8KA	
HP3TA	R7NA	UT6UD	W8MIL	109
I5OYY	RA4UN	VE7XF	W9RB	DF1KG
IK7YZG	RZ3AUL	W1HEO	WA2BOT	EA3GHZ
JA1OVD	SM5ARL	W2CVW	WA2MUA	EU4T
JA4KDT	SP3EPG	W2SKI	WB4TDH	F8EZE
JA5WIZ	SV1JFV	W3UL	WB9EEE	G3SVD
JH6WMJ	SV2AVP	W4VHF	YL3DQ	HI8R
K1RV	UN7TW	W5VX	YO6HOY	IW0HQE
K2DC	VE3KI	W6TC		JA2CXF
K2HAT	W2GW	W8GEX	110	K2ONP
K3MD	W6BK	W8HMK	BA4MY	K4RDU
K3OSX	W8FAX	W9SE	DL1VDL	K5FZ
K5CD	W9DX	WA8OLN	EA5BYP	K5KA

K5KPE	R5FY	OE1CP	N2SQW	K9RO
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KE1F	RX6DX	OK3CQR	N8AID	KT2E
N1BZ	S57J	R0FA	NA5Z	KX2A
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N7TY	UX7UN	RV6ARZ	NS3L	N2DPF
N8NN	UZ6LWZ	SP3BQD	OE5CSP	N4JI
ND4V	W2UB	SP6AXW	OH2OT	N4NW
NN4RR	W3NRJ	US5CB	OK1AYU	N4PL
NU4I	W4ZYT	VE3OI	OK2BVG	N4SC
NX7U	W7ACD	VK3NX	S57AL	N4VN
PY5CC	WA2ALY	W3KB	UR3CRO	N6NU
RW4UU	WA8MOA	W4MAY	UT7UU	N7DR
RW9QA	WB8BZK	W6TDX	UU5WW	ND3L
RX3AGD	WC1M	W8IW	V73AZ	ON7PQ
TG9NX	WC6DX	W8VK	VQ9SS	OZ4AAL
UB5ZAL	WD9EQU	W9CPV	W1CWU	PF7M
UT7KF	WW1WW	WA0RVK	W2EQ	PJ2/K8ND
VU2CPL	ZS2DL	WB6CJT	W2LE	PY2DS
W5WP		WB8ART	W2NO	R6YY
WB5TUF	107	WS1L	W3ICM	RA6AF
WN0L	4Z5LA	XE2YWH	W4IR	RD4WM
YV3AGT	DJ8ES	YL1XZ	W5JAY	SP5JXK
	DK3FB	ZL3RJ	W5KI	UA6LCN
108	DL1QQ		W8OP	UR1RWX
AI2Q	DL2CHN	106	WA4MYO	UR2RGN
AL7R	DL5XU	AA4FL	WA6TLA	VE1PZ
DL6CNG	DO4DXA	AE2U	YL2GN	VR2MY
ER1LW	EA5AT	DJ6OZ	YU3EF	VY2ZM
G3VAO	EA7QW	DL2NOM		W1LE
HB9BAT	FG8OJ	DL3JSW	105	W1LY
HB9FAN	G4AKY	DL6JZ	DF2PI	W1MRH
IK0PRG	G4RGK	EA3CCN	DF8AA	W4OWY
IZ0BTV	I5IHE	HA8DZ	DJ3XD	W6FF
IZ2EWR	IT9XTP	IK0ZIO	DJ6KH	WQ5W
JA2MOG	JA5EY	IW3GJF	DL4ZAB	YU1NR
JJ2PIK	JA6OXT	JA1VLK	DL6XK	
JK1MZT	JA8JTH	JA2MNB	DO1CTL	104
K1EP	JH9DRL	JE6IGP	ES1GO	9M2AX
K1XM	JR1BAS	JG3HBO	G3YUV	AD1C
K2CJ	K0MD	JG5RVQ	HA8FW	AG4Q
K2KQ	K1TZQ	JH2KKW	JA1BWA	AH0U
K2MK	K3SW	JH6PFY	JA1TAA	CP8HD
K4WY	K3YBN	JJ0NCC	JA4EVN	CX3CE
K4YJ	K4MS	JR0EQQ	JA6VA	DK3BK
K6UT	K4SAF	K0DEW	JA7BME	DL4FAP
K8OM	K8LBT	K1PX	JA8RRF	DL7UPN
KM8AM	K8ZR	K4DSE	JA9APM	E73D
KN4JX	KB9DAK	K5AM	JF1RYU	EA8ZS
LU2DKT	KE2R	K5ZQ	JF2VAX	EI9E
LZ3YY	KZ1W	K8JJC	JO4CFV	F6AJA
N4MEC	N2RR	KD9HL	K1DJ	F8GB
N6RFM	N3DAP	KK8X	K2XF	G3BRD
N9SF	N4RF	KK9H	K5AV	HB9CIP
N9TF	N6EE	KQ3F	K6DJ	HK3O
NU4Y	N8AGU	N0JZ	K7OX	IK0DWN
PA0ZH	NA5Q	N2CW	K7PO	JA1SDV

JA2FGL	WA9ETW	RU3OW	KW4BY	EA1WX
JF1EGO	YC0LOW	SM3CBR	KY6R	EU1TT
JF6WTY	YO5ODE	SM6EHY	LA3ANA	G3ZFC
JK1BSM		SM7BHH	LA6UL	G4FJK
JO1WXO	103	UA3PFN	N5RZ	GM3WTA
K0WK	AG1I	US2WU	OH2EA	HB9NL
K1BG	AI3Q	UT2AB	OK1DTN	IV3GOW
K3FM	DJ1MM	VA2ZO	OK1JDX	IV3KCB
K4KEW	DJ3GZ	VA3IC	OK3CSQ	JA1VVX
K4MF	DJ7PI	VE3EDY	PA7TWO	JA2VMU
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K6UM	DM5TI	W0QC	R2AB	JF1RPZ
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K9EA	EA7SG	W1CTN	RU3UN	JH3PRR
KA2BZS	EU6MM	W4AVY	S59DJK	JH7BKN
KH6KG/W5	EW3LB	W4MZ	SM6WET	JI3KDH
KI0KB	G3BDQ	W5THT	SP5MXZ	K0LW
KW0A	G3OIL	W5VU	T77V	K1YR
LZ2XF	G4AAW	W6SZN	UA1AIR	K2BX
N3ER	G4PUQ	YO7APA	UA1CKC	K2TER
N3TR	G4VGO		UA6HOF	K3SEW
N4GU	I0OSI	102	UA9MR	K4NNX
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N6PF	JA2GQO	CT4BD	UW7CN	K6AAW
N6WM	JA2OLJ	DK3QM	VE2FYR	K6XJ
N8MZ	JA3FHL	DL3DXX	W0JMP	K7AR
N9DR	JA8EJO	DL3NCR	W1AW	K7IA
N9PGG	JE1SYN	DL4CW	W1PV	K8BN
NJ9C	JH1DGQ	DL4KUG	W2LW	K9JU
NN3Q	JM2RUV	DL5RDI	W2TX	K9PG
OH4UI	K0EOO	EA1CP	W3EKT	KC4PX
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RU3UR	K5JUC	EI6GF	W7IUV	KE4S
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RZ6LB	K8CCV	F6BWO	WA1S	KN6J
SM5CCE	K9MUG	FM5WD	WD8DSB	KQ1F
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UT7EC	LX1DA	JA8OW	101	N5AQ
UX4UM	N0RU	K0YN	AA2VG	N8AG
UY0MM	N1HOQ	K1PTF	AA3LX	N9JCS
VE3VHB	N9BBQ	K2LP	AA4NU	NE1F
W0YBS	NU1T	K2TK	AC2AC	NX2X
W1QA	OH3GD	K3KG	AC5O	OA4TT
W3DRY	OK1DQT	K4AQQ	CT1JGA	OE3WQB
W3TMZ	OK2BQU	K4KAY	D44BC	OH3TY
W5CWQ	OK3BRK	K5ZO	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

RA3AH	EC5A	N4CRI	W4OEP
RA4P	EI3ISB	N4ZR	W4OV
RA4SD	ES5NC	N7DED	W5BK
RB7GG	FM5GU	N7TK	W7DT
RK9F	G0VXE	N8IL	W7JET
RY6M	G4CGG	N8NB	W8CNL
SM2DMU	GM3ZSP	N8OQ	W8FN
SM7NDX	I2VGW	N9ADG	W8GDQ
SP7JLH	IK0HFO	NA6O	WB4SON
SV1PL	IK4MSV	NB3R	WU2M
UA0FDX	IS0/YO3RA	NG7A	YB1TJ
UG6GAW	IT9CVO	NJ3I	YL2SM
UR7CQ	IW0BYL	NN4SS	YO9FLD
UT1CC	JA1BRK	OE5JDL	ZP9MCE
UT4IS	JA1CPU	OK1DXD	
UT7HA	JA1ILA	OK2PAZ	
VE2OJ	JA4FSH	ON4ANN	
VE3XB	JA5DQH	ON7EH	
VK2GR	JA9CGW	ON7GB	
W1FC	JF3DRI	ON9CC	
W1GF	JS6TWW	OZ1ZD	
W2SF	K0LB	PA0INA	
W3WH	K0XM	PA7RA	
W4BUE	K1NA	R3PJN	
W4PM	K1NZ	R9JX	
W5RF	K2CBI	RA3SD	
W7AV	K2CYE	RA4LW	
W7CB	K3TZV	RA6XB	
W8GB	K4FT	RC2A	
W9MAF	K4KSY	RN1A	
W9ZCL	K4QS	RT5A	
WA3EKL	K4UQC	RU3GF	
WB3HLH	K7VIC	S53MJ	
WC4H	K8BZ	S59SV	
WK9U	K8CR	SM0CXU	
WR2G	K8CS	SV1VJ	
WV9L	K8LE	SV2DSJ	
YO2OXD	K9NZ	TI5CDA	
YO6BHN	KA9UVY	UA3AKI	
YV4DYJ	KB0EL	UA4PAY	
	KC0V	UA6CEY	
100	KC4D	UN6P	
9M6YBG	KC5LT	UR4CW	
A41ZZ	KD8BZY	UR4LRG	
AA4AK	KP4N	UR8IDX	
AB4VV	KQ5M	VE1RGB	
AC4VM	LA8W	VE3OAT	
AI2S	LU5OM	VE7JKZ	
DJ6OI	LU5YF	VP2VA	
DK8MM	MM0SJH	VR2PX	
DL1TPY	N0AH	W0GYH	
DL1TRK	N0ATQ	W0MU	
DL9GTB	N1KI	W1AN	
DU7ET	N1MD	W1YRC	
EA2AAZ	N2SG	W2CCC	
EA3ALD	N2XQM	W3BBO	
EA8AXT	N3AF	W4HHN	