

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 24 Nov 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	NN4T UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 K5RK N1DG OH3SR W2VO	310 I4AVG RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV SM3GSK	
340 K1ZM	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR		303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	309 I4EWH		
335 OH2BU R7LV	323 SP5EWY		308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	297 DK5PR N4CC OM2XW W0FLS
334 N4WW	322 UX0UN W3UR		307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
332 UR0MC	321 WB9Z	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW		
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ			300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF	295 K3UA
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS		294 DL1AMQ JH2FXK LA5HE N0TB
329 K3UL UA4HBW	318 4X4DK W9ZR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I			

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	SP6AEG UW2ZM	267 LU8DPM RZ3DX	260 K1LT K4DY UT9FJ
293 JH4UYB S58T		280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD	259 DF4PL F6GCP G3ZSS I1FQH K8FL R9FM
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ	258 KW9A N2NL RN3CT VE3QAA
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ K5XI UR5WA	278 DK0EE F6BEE JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV	257 K1GUN K9NW N4II N8TR W9YSX
290 UA3AKO UT1UY	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL F6AOJ HB9AMO IK5BAF OH3BU ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP	256 9A5CY JA5BZL JH1GZE K5VRX KY7M SV8GFW W1TSP W3DF
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 G3LZQ N8RR N9IW OK1AWZ VE2Tzt	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY	255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ	269 K6ND KD5M W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	254 AA1QD I1EIS N0AT OM3DX WA4FFW

253 5B4AGN IV3YYK JQ3DUE K5ESW S58Q UA1OMS W0YG	R7IA WA7NS WB3AVN YO9HP 246 DJ2TI F2JD IK0MHR JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ 245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY 244 AG9S DK6WL F6BLP JA1HGY ON4IQ 243 DK2JX DK3DG JA0CRI ON4ATW S57A SV8CKM W9RPM WX4G 242 EA4KD KG7H 241 JA1SYY JA3EMU K5ZK KA9CFD N4XM	N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH 240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA 239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM 238 DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP W3LL 237 AC4G DL7MAE IW1ARB NI0G OM4EX	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK WA7NB 235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN 234 IZ8FFA K1AR K4UTE KF0QR PY1BVY S51DI 233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO 232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX 230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ 229 CT1FJK DJ4AX JA8FKO J11BEX OE5NNN RO7T 228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE 227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW N6JV W9BF 226 DL5WW JA6BZI	JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT 225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW 224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ 223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX 222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX
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SM0CCM	K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ	UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG
221 JA2WYN JJ3PRT K4MWB K8SIX KV7K N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	215 IZ8FWN JH0INP N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR ZL3IX	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
219 IK3VUU JA2FBY JA2FJP 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 W0ZR W7KNT W9OO	205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL		197 G3SNN JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS XE2X
218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ 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	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP

IK4PLW	WA2VYA	188	K5KLA	W8TN	RL3FA
JA3RAR		AB4IQ	KB4ET		SM5FUG
K8PO	192	CT1FMX	N9RC	179	W4BP
KP2A	9A2NA	JA1KQX	S57AC	IT9ELD	W4GD
ND0N	JA7JWF	KB0EO	US8UA	IW0SAF	YO7NE
RA9CMO	JH1RFR	KB1EFS	UT2UB	JA9NLE	
RZ4FO	K3FN	KE9ET	W2YJ	JR7BDQ	175
W2FCR	K4FJ	KL0S		K0TT	JA1CHN
W4UM	K5XX	N8LJ	183	K8WK	JH2QMT
	K7GM	RM0F	IT9INO	N2PK	JS3CTQ
195	K9EU	W1YM	K4CN	OK1MG	K4DLI
EA3JL	KF7PG	W6SR	K8RRT	S57UN	K5GKC
EA5RM	LA0FA	W8JV	K8VC	SM4DDE	LA5LJA
G3ZEM	N4DB	WA6YEE	N9MB	SV3FUP	N7IR
JA0EOK	OH2IS		NN2L	W8KEN	N7XR
JA1EOD	W3UA	187	ON6SAS		PE1L
JH1QAX	W3YQ	AJ1H	W2FP	178	SP1MGM
JN7FAH	W8LGJ	JA8DNV	W8NW	4Z5CX	TF3SG
K3PA		K0SR		EA3CJ	VE3FF
K7SO	191	K6SRZ	182	JA4MRL	W8HC
K9RT	CT3MD	KN5O	DJ9ON	K2UR	WX0V
KF8UN	JA1ANR	N2NS	DK3UA	NE0U	
N1SV	K0BBC	OK1CZ	HK3W	SM7DLK	174
W5ZG	K0JGH	SP3FAR	JA1SHE	SV1JG	4Z5MU
W9OP	K8FC	W7AWA	JA3ENN	W6NWS	JA0GJJ
	K9LA		N3OC	W7MEM	JA1PPW
194	NE1B	186	UR3EO	ZS1LS	JA2XW
JA1XEC	RK2FWA	9A8A			JA7MOL
K4KDX	WE9R	IK2QPR	181	177	JF7DZA
K9JF		JA2LCP	DK3WW	9H1SP	JK1OPL
KB9LIE	190	K0BJ	JA2BDR	AE5E	JR6PGB
LA7AFA	IZ8XQC	K7LAY	JA9TWN	CT1GFK	K1KI
SM7GIB	JA0VSH	YL2TW	JN4MMO	JL1SAM	K2KA
W2LO	JA1DUH		K2EP	K3WC	K3AJ
W4FC	JA1MCU	185	LZ2ZG	K4RG	K4TR
WD8JJA	K2TE	AB6QM	VE3OSZ	K9NU	K4WS
WN6W	K9KU	CT1EAV	W9AJ	OK1DWC	N1EN
	KM1D	EA6BF		SM6DHU	OE1WHC
193	N4XU	G3KWK	180	W2OR	RN7F
CT1IUA	N5GH	IK3SWB	CT1FPQ	W5LT	UA3LNM
DF2GH	SP2LNW	K5ZD	DM2DXA	W7FI	W8UV
DK1FW	VE7VV	LA3WAA	DM3VL	WB7B	W8VVG
DL5ZB		N4TJ	EA8JF		WT8C
DL6ZXG	189	N5UR	IK4ADE	176	
EA3WD	9A2F	OE2BZL	JE2URF	EU1AB	173
HA5BSW	AA1ON	SV1DPI	K6SSS	G0BLB	5B4ALJ
K4ODL	EA8PP	UA9CBO	K7BG	I6FLD	I1JQJ
N5LZ	FM5CD		LA9AJA	JA0DET	JG0CQK
N9EN	SM0NJO	184	N1RR	JA5IU	K1NTR
PA0LOU	SP7HOV	HA5WA	N4AH	JA6BJV	K4XR
RN1ON	UA7T	JA2ZL	ON5FP	JA8KSF	K9YC
UA0CA	WA3C	JF1NZW	W1RM	K8MN	KA1J
W9MU		K4HGX	W7BEM	N5OK	N5FG

PY5EW UN9L W3IP	K1LI N4XX N7US UT8MM UY5AA W6RW W7YAQ WB3JFS	HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT	JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF
172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WA9PIE WC4X	168 G3MXJ I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB	165 DL7UCX F6HDH HB9TKS IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	162 4O3A 9A4W F3AT IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	159 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
171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N	164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G WW3S	161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW	158 AA6AA CT1FCX DJ4PT DL1FKA G4GIR IT9DSZ JH1TWT JI1FXS JI1NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ
170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS			160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M	157 AA4H AC6DD DL4MM DL6MRS EA5BY G3TQZ JA1GHH JH7IAJ	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT
169 IK0PEA JA1ADT JE2LPC JR1IZM	166 4Z1UF DJ4SO	163 9A2JK DJ9HX JE2LUN			

YS1RR	K2AX	WB8B	JJ3HGJ	N6PAT	140
153	K2FW	WD5K	JK1AJX	NN4R	9A1CAL
AJ9C	N2ZN	YO3DDZ	K1OA	W0IZ	HB9RYZ
CU2AP	N5JB		K3VAT	W6QUV	JA4OK
DF2RG	OK1ATP	148	K4OY	WB8CQV	K5WK
DL3ZA	RD3A	DK2CC	K8BL	WB8ZRV	K6KLY
G3TJW	RU3A	F5CQ	KF6HI	WD9DZV	KF8DX
HL2CFY	S54A	F5LVL	KR0P		N4XP
IZ3ENH	SP7AWG	F5PAC	N1CGP	142	OH6NIO
JF1IRW	SV9AHZ	G4FTC	N4GG	I5HOR	ON7DR
JR9OPJ	W7CT	JH1QDB	N6PSE	JA2ATE	UN1L
K7SP	W7RH	JL1UXH	RT0F	JH0BQX	VE6SV
K8VFV	WA1Z	N2WB	SM3DTR	JR7WFC	W0SEI
KD0PO	WA2BCK	N5XZ	W5ADD	K3PP	W4NU
LZ1PM	150	NE3F		K4WZ	W7IV
N4TV	EA1AF	W5FKX	144	K6EME	W8LWU
N5TW	IV3RAV	W9JJB	CU3EQ	KK1W	WO2T
N8II	JA1SVP		DL5CW	LA9VFA	YL2MU
R9OK	JA2NQG	147	DL5KUA	MM0SAJ	YO9FNP
SM6CLU	K0RS	EA3GP	E70T	N7QT	
SP5CCC	K5TR	IV3VBM	EI6IZ	NA4D	139
UT5UY	K7LV	JA1XQC	GM3ITN	NQ7R	DF7EE
WB8BPU	K8AJS	JN1BMX	HB9BYQ	NY2NY	DJ4XA
	KU4XO	K8UT	HS0ZEE	OK1DO	DL5EBE
152	LA6OP	KM1H	I5MXX	W2OO	DL8OH
EW2A	N3QE	N1IBM	IT9GSF	W5LUA	DS1JFY
JT1CO	N9CO	NA5C	IV3DXW	W5VQ	HB9CQK
K9MK	OE8SPW	PC3T	IZ4GWE	WA5POK	JA1TMG
KQ4AV	ON6AA	W1OP	JA3GN		K3ANS
KS3F	SQ5EBM	W2KKZ	JE1FQV	141	K6AM
N9OY	UA6YW	146	K0VSH	AC9S	K8GI
S55ZZ	W2/CT1GIF	EU4A	KJ9C	DL5MHQ	K8RF
UA6IGI	W6DAO	JA1HQG	LA9GX	EW1BA	KA8SYV
UN7LZ	WW2DX	JA4DHN	N1IX	HB9FMT	KM3T
UT5AB		JA5XAE	N3KK	JA1PTJ	KU0A
VE6LB	149	JH1GNU	SM4OLL	JA9RRH	LA8WG
W1SKU	DL7CX	K5KV	SM5CLE	JH1HHC	OK1MP*
W1VT	HB9HFN	K5SM	W4GE	JH4JNG	SM5CBM
W6RLL	I0JBL	K6NR	W7ZI	J11DCW	SV8ZC
W7AJ	IK4FNF	K7WP	W8RLS	JR2LJO	W0SD
WB3CQM	JL1ARF	N7BT	WC5M	K2RW	WA8WV
	K3TN	OH1JP	WD5T	N8OC	
151	K4YYL	RU0SN	YO3CD	NJ3K	138
AA7G	K5VWW	W1IZL		OE6VIE	DK8MCT
DK2OY	K7HP	W1ZT	143	SV3FUO	DK8YY
EI9JF	K8ME		DL1DUO	W2CG	EI9FBB
F3SG	K8ROX	145	DL6EN	W3BW	F6DDR
HB9SLO	R8TX	AF4HX	IT9BLB	W4JVN	IK8EPC
JA2VQF	SM6CUK	HI3T	K7CMZ	W4VIC	JA3OOK
JA6BEE	UW7UA	IZ0RVI	K7CW	W4WT	JF3LOP
JH1NYM	W0GG	JE6TSP	N2RJ	W8GNM	JH7RXU
JR1XIS	W7HPW	JH4HMG	N2WM	W8HW	K1RO
			N5UW	ZS1C	K2RET

KJ6P	JA8JL	JR6FC	K9DR	N0YY	N1GC
LB5WB	K1ZE	JR7FRW	KC2LSD	N2BJ	N9RD
OZ8X	K4TT	K2CDJ	KH2L	N3KS	OE8HIK
RW4CY	K4ZRJ	KS4YT	KM3V	N3RR	PA3EWP
UN7JID	K7FL	KU2A	KM4H	W0YVA	SK7AX
V51B	K7XB	OE1KM	N3MK	W7QHE	SP6A
W1GD	NZ9R	ON4CAS	N4QWZ	W8MET	SP7ASZ
W2YE	R7LP	RA5BM	N5PHT		W0CP
W4YV	RN3RQ	RV4LC	N6RK	128	W0RT
W7OM	SM3LGO	UQ2PZ	ON4ON	AA4SC	W1OPD
137	SM5CZK	VE3WT	PY5EG	DM2RM	W3BG
EA1YO	SP3XR	W0NFL	R0SR	IK2SGB	W3FOX
GM3YOR	SV5DKL	W2QO	R9MJ	IT9ZZO	W3MF
IZ2FOS	W1DIG	W5AJ	R9SA	JA1XCZ	W8LMG
JA3APU	W1EQ	132	W8DCH	JA2AHH	XE1KK
K2QMF	W2GD	AA4NC	ZS1A	JA2KSP	
K8NS	W4BUW	AB9M	130	JA5FDJ	126
RA3CO	W4MBD	AD6W	DF9ZW	JA9AA	AC9EM
RG7G	W4RFZ	IK3VBB	E73M	JE1LFX	DJ8WD
UU1JA	W6DR	IT9RDG	EI2JD	JH4GJR	F8BPN
W1ITU	W6JTI	K6YUI	G7VJR	K0FF	G4IUF
W5ODD	WE4S	K9ZM	HK0HEU	K3XA	JA7KY
WB5JID	134	N6HY	IK3XJP	K4JAF	JH3CUL
	CT3HF	OZ2RH	JA2FBC	K4SE	JJ1DWT
136	HA1RB	SM4BZH	JG1DUZ	K6LPO	JN1RQV
E72U	IK4DCS	SM6BGG	JI4POR	KG7CW	K2ZD
ER0FEO	JA7LGE	SP6M	K2MYR	KM4NS	K4JKB
HB9IQB	K1TO	VE3CRG	K3NK	N5KM	K4XU
IK8CNT	K1ZN	W4AXL	K7LFY	OZ1IKY	N8NA
K0TV	K3OX	W4RBO	K8BCK	R9SG	OE3SGU
K4ZO	KX4TT	W4WM	K9GL	S53X	OK3CQD
K7TM	N9MR*	W5SL	KO8SCA	S55DX	PA5TT
KR6C	N9RS	W7AH	NA4EA	SM3GQP	VE3CX
NA5DX	OE1TKW	W7CD	NO9E	SV3DCX	VE7BV
OK1DW	OH1ZK	W9FR	OZ2ABI	US8UW	W8MK
SM5OJH	PY5HOT	WB3D	R3VA	VQ9LA	W8REW
SP2BMX	RG6G	XE2S	R5QA	W2WC	W9ILY
UT3UZ	RX4HW	131	R9AB	W4IS	WB0O
UW8SM	SM0BYD	DK7YY	RU1AO	W6RKC	WB2REM
W2OIB	SP6JIU	DL9FCY	S51NM	ZS6UT	WD4LBR
WB7QXU	UA0ACG	G3UHU	TA1CM	127	YU1EXY
135	W4JKC	HS1NGR	VE3DO	CT3KN	125
5B4MF	YU1AM	IV3KFB	W2MPK	HK1MW	9A1AD
DJ9ZB	133	JA0AOO	W9ZT	JA1DDH	AG1A
F6FXU	9K2NO	JA2TBS	129	JA1WLO	GW3TMP
IK8GYS	EU1U	JH4ADK	HB9AZZ	JA8RJE	HK4SAN
IU0HDC	IK5DNF	JJ1TEA	JA1NWD	JA9KRO	JA4IYL
IZ7EVZ	IZ8DFO	JM1FHL	JA8JO	JH3AIU	JA6VU
JA2KVD	JA6CBG	K1UU	K6XM	JS2LHI	JE1TSD
JA7LMZ	JA7GLB	K5VIP	K8DV	K0RW	JE6UWU
JA8BNP	JA9AGN	K6SIK	LB7ZG	K3TRM	JF2WXS
				N1AC	JH1AGU

K1HAP	K4ZIN	DK6CQ	RL3BZ	DL5OCE	NY4G
K5KG	K5GH	EI2GLB	SP7ITB	JA4FHE	ON5UE
KA6BIM	K5JC	HB9DHG	SV1IW	J18DGO	OZ5HP
KI4WCQ	K7UT	IT9AAI	UR5IKN	JN7DOS	SM7BIC
LZ1XL	K9CS	JA2HYD	US0YA	K3WGR	SP8HKT
N2KA	KV4T	KD8RQE	W0RX	K4CNW	UA6J
N3EN	N2ED	KG9Z	W2YR	K5XM	UB3A
N4JT	N4DWK	N0OK	W3OA	K7PI	UR9IDX
ND5S	N6MZ	N1JP	W4PRO	K8LN	US1CT
NW6S	N9JV	N3ND	W6RFL	K8WVA	W4ZRZ
OE1AZS	N9LQ	N4TL	W7RN	K9GWH	W6SL
RA0BA	NA2P	N6HC	WP3R	KD2T	W8ZR
UU7JM	NA9RB	SV1AHX	ZL4AS	KD6UO	WA2USA
VE3UTT	S50B	SV1FKZ		KG8CW	
W5DAW	UA3DK	UQ1GWW	119	KV4AA	116
W9CG*	UR9QQ	UT4EO	AA3AZ	LZ2HM	AJ4F
WV4TN	UT3QU	UU2JQ	AA4DD	N2MM	DL7URH
YO2RR	W1AO	VA3AYA	AE3T	N4DJ	EA5BRE
	W4NF	W0QQ	AJ4A	N6MB	HA7PF
124	W8NJR	W2GG	DK3GG	PY2PA	HB9EFK
AA7XT	WT4Q	W3RJW	DL9OBY	RN3TT	IK0EIE
AB1OC	XE1H	W6XI	EW4M	SV9COL	IK2OHG
J11DHY		W9XX	G4DJJ	TA2RC	IT9TQH
KD4POJ	122	W9YE	HB9AAQ	W1KSZ	IV3HYD
NA2U	BA4RF	WA1PMA	HB9BCI	W4DAO	JA1WTI
PA0TCA	G3NDC	WY1G	I2TZK	W4NJ	JE2EHP
UA0BA	IU0LFQ	XE1VIC	I4MKN	W5JMW	JH3GCN
VA7CRZ	JA1MRM		JA3AZD	W9FI	K1DC
VE1DUN	K1BZ	120	JA4XGC	WX3P	K1RI
W2JU	K1ESE	9A5F	JE2JMV	YO4AUL	KT1V
W2RIJ	K1YT	AA5JF	JH6CDI		KV1J
W3FM	K2MP	AL7TC	K3NF	117	NA9Q
W6CYX	K7ZA	DL2VWR	K5UZ	9Y4VU	OH8LXT
WB8K	LA7WCA	FG5FR	K7EG	AE0P	OZ1LCG
	LA8PT	HB9BLQ	K8KWT	BH4IGO	PA0JSE
123	N3NR	IZ0LKV	K9SG	DL1DWT	RV3ID
AC4TO	N9AW	IZ5NFD	N0KV	G3PLP	TZ4AM
DL7JRD	NN7X	JA4EPE	N9UA	IT9DAA	UA4PCM
F4GTB	OZ3Y	JR3UIC	NT2A	JA1HQT	W1ENE
G4WFQ	RD4A	JR6LLN	NY7T	JA4FM	W1WEF
G5LP	SP9WZS	K2BA	OH5NG	JA7GYP	W7GG
HB0WR	UU4JMG	K2HK	OK1DT	JA7IC	W7OEV
IK2CHZ	VE6AX	K3QIA	R6FFB	JM3GXU	W8LRO
JA0CRG	VK4CAG	K6FW	SV1ACK	JR2UBS	WQ5L
JA1SJV	W2TB	KA8ZPE	VE3YF	K2BB	
JA3MHA	WA3I	N4BAF	W4HZ	K6PJ	115
JA6WJL	WA7BNG	N4LR	W8FIB	K8OOK	C6AGU
J14WAO		N4TB	WC2K	K8QM	CU2CE
JK1EXO	121	N4UFP	XE1RCS	K9FN	DL9GOA
JR1EBE	AA6RR	N8PW		N2JJ	G4XEE
K2PK	AA8CH	OE3EVA	118	N4IR	G8BCG
K3FRK	DF1DB	OZ2A	5T5PA	N8AA	G8DX
K3XO	DK1EI	PZ5RA	AB2E	N8XI	HA5UK

HK3PJ	KB8U	W9DX	W6TC	WB9EEE	109
IW0HEX	KZ4V	W9VNE	W8GEX	YL3DQ	DF1KG
IZ7JVR	N1QY	WA4DOU	W8HMK	YO6HOY	EA3GHZ
JA2KNW	N3MN	WB2HJV	W9SE		EU4T
JA3NHL	N4IQ	WB2UFF	WA8OLN	110	F8EZE
JG3LGD	NU8Z	WS4C	WT9U	BA4MY	G3SVD
JH1RFM	UA3FT	XE1RBV	ZP6CW	DL1VDL	IW0HQE
K0GD	W0VX	ZL1BYZ		EA5BYP	JA2CXF
K0SD	W3MR		111	F5BAR	K2ONP
K4CMS	W4TUN	112	9K2OD	G3LNS	K4RDU
K4GHS	WA1FCN	A92IO	AA4U	G8AJM	K5FZ
K4GK	WA4CEM	DJ1RL	AF4OX	HC1BI	K5KA
K8YTO	WA8MCD	DK5RL	CU3AN	HI8R	K5KPE
KZ5DX	WA9YYY	DL5CL	DG7RO	I2BBJ	K6MW
LY4T	WN9O	EA1JO	DK2WH	IK5RUN	KE1F
N0IRM	XE3ARV	EI8IU	DK6ED	IK8UHA	N1BZ
N4OA		EW1DO	DL1HRN	IZ0CKJ	N2WLG
N5BO	113	G3XGC	EV1R	J68HZ	N7TY
N8KOL	9A1A	HB9CEX	F6ECI	JA7EPO	N8NN
PA3AXU	DJ5DT	HB9CRV	G4DBN	JE2UFF	ND4V
RZ6MJ	DJ9RR	HB9G	HL3GOB	JH1VHU	NN4RR
UA1ANA	DL8CM	IK2ANI	JA1AUD	K2BLA	NU4I
UA1CGS	DL8DYL	IU8FRE	JA1FGB	K3JRR	NX7U
UA6XT	G4AFJ	IZ4DIW	JA1NCZ	K3PH	PY5CC
UN6T	JA0GCI	JA1SXR	JE8TGI	K4WW	RW4UU
W4UCK	JA4ITW	JA4BXL	K0FLY	K6MI	RW9QA
W5VY	JH1ORA	JA7BXS	K5WAF	K6VKO	RX3AGD
W9HBH	K0TPP	JF2WGN	K7ORK	KB4MRX	TG9NX
YL2CZ	K8SL	JR7TEQ	K9AJ	KC2STA	UB5ZAL
	KA4RRU	K0JPL	KM1R	N2CG	UT7KF
114	KH6DX	K1EDG	KP4AA	N3HBX	VU2CPL
AB4GE	KI0G	K1EO	KZ0X	N3IQ	W5WP
BA4DW	KT1J	K1KO	LA0CX	N3JB	WB5TUF
BA7IO	N6PE	K4UAS	N4WJ	N4KE	WN0L
CT3FN	N7KO	K8CC	N7BD	NC6K	YV3AGT
CU3AK	N9ISN	KB2FCV	N9HF	NK7C	
DL6NB	NA3F	KI4DLS	NA1DX	NY4I	108
F6CWA	NG0G	KM1C	UR6QA	RD9M	AI2Q
G3SDL	NI5F	LA8HGA	VE6KC	SM5BHW	AL7R
HP3TA	NK5B	N5ZC	VE7CT	SV1VS	DL6CNG
I5OYY	NZ3M	N6MA	VE7UF	UA3O	ER1LW
IK7YZG	R7NA	RU4SU	W0VHF	US7MM	G3VAO
JA1OVD	RA4UN	SM3DMP	W1FO	W0UY	HB9BAT
JA4KDT	RZ3AUL	UA1ACG	W4HOG	W3XY	HB9FAN
JA5WIZ	SM5ARL	UA1CEI	W4OX	W4DC	IK0PRG
JH6WMJ	SP3EPG	UT6UD	W5AQ	W4NE	IZ0BTV
K1RV	SV1JFV	VE7XF	W7VS	W5ZPA	IZ2EWR
K2DC	SV2AVP	W1HEO	W8KA	W6KK	JA2MOG
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K3MD	VE3KI	W2SKI	W9RB	XE1FAS	JK1MZT
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K5CD	W6BK	W4VHF	WA2MUA	ZL3NW	K1XM
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K4WY	JR1BAS	JA1VLK	DJ3XD	W1LE	N6WM
K4YJ	K0MD	JA2MNB	DJ6KH	W1LY	N8MZ
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K8OM	K3SW	JG3HBO	DL6XK	W4OWY	N9PGG
KM8AM	K3YBN	JG5RVQ	DO1CTL	W6FF	NJ9C
KN4JX	K4MS	JH2KKW	ES1GO	WQ5W	NN3Q
LU2DKT	K8LBT	JH6PFY	G3YUV	YU1NR	OH4UI
LZ3YY	K8ZR	JJ0NCC	HA8FW		PA0GMM
N4MEC	KB9DAK	JR0EQQ	JA1BWA	104	RA1QX
N6RFM	KE2R	K0DEW	JA1TAA	9M2AX	RU3UR
N9SF	KZ1W	K1PX	JA4EVN	AD1C	RZ6DX
N9TF	N2RR	K4DSE	JA6VA	AG4Q	RZ6LB
NU4Y	N3DAP	K5AM	JA7BME	AH0U	SM5CCE
PA0ZH	N4RF	K5ZQ	JA8RRF	CP8HD	SM7CQY
R5FY	N6EE	K8JJC	JA9APM	CX3CE	SO5AS
R7LA	N8AGU	KD9HL	JF1RYU	DK3BK	UA9FGJ
RX6DX	NA5Q	KK8X	JF2VAX	DL4FAP	US5CAO
S57J	OE1CP	KK9H	JO4CFV	DL7UPN	UT4EK
SM6AOU	OK2BUZ	KQ3F	K1DJ	E73D	UT7EC
UX7UN	OK3CQR	N0JZ	K2XF	EA8ZS	UX4UM
UZ6LWZ	R0FA	N2CW	K5AV	EI9E	UY0MM
W2UB	RN4AA	N2SQW	K6DJ	F6AJA	VE3VHB
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WB8BZK	VK3NX	OE5CSP	KX2A	JA1SDV	W5CWQ
WC1M	W3KB	OH2OT	LZ1JZ	JA2FGL	W5GJ
WC6DX	W4MAY	OK1AYU	N2DPF	JF1EGO	W5ZO
WD9EQU	W6TDX	OK2BVG	N4JI	JF6WTY	W6PH
WW1WW	W8IW	S57AL	N4NW	JK1BSM	W7DR
ZS2DL	W8VK	UR3CRO	N4PL	JO1WXO	WA0I
	W9CPV	UT7UU	N4SC	K0WK	WA9ETW
107	WA0RVK	UU5WW	N4VN	K1BG	YC0LOW
4Z5LA	WB6CJT	V73AZ	N6NU	K3FM	YO5ODE
DJ8ES	WB8ART	VQ9SS	N7DR	K4KEW	
DK3FB	WS1L	W1CWU	ND3L	K4MF	103
DL1QQ	XE2YWH	W2EQ	ON7PQ	K4VIG	AG1I
DL2CHN	YL1XZ	W2LE	OZ4AAL	K5HK	AI3Q
DL5XU	ZL3RJ	W2NO	PF7M	K6UM	DJ1MM
DO4DXA		W3ICM	PJ2/K8ND	K7TJR	DJ3GZ
EA5AT	106	W4IR	PY2DS	K9EA	DJ7PI
EA7QW	AA4FL	W5JAY	R6YY	KA2BZS	DL2HX
FG8OJ	AE2U	W5KI	RA6AF	KH6KG/W5	DL8YRM
G4AKY	DJ6OZ	W8OP	RD4WM	KI0KB	DM5TI
G4RGK	DL2NOM	WA4MYO	SP5JXK	KW0A	DS3HWS
I5IHE	DL3JSW	WA6TLA	UA6LCN	LZ2XF	EA7SG
IT9XTP	DL6JZ	YL2GN	UR1RWX	N3ER	EU6MM
JA5EY	EA3CCN	YU3EF	UR2RGN	N3TR	EW3LB

G3BDQ	W0UVC	PA7TWO	HB9NL	RA4P	DU7ET
G3OIL	W1CTN	PV8ABC	IV3GOW	RA4SD	EA2AAZ
G4AAW	W4AVY	PY2DO	IV3KCB	RB7GG	EA3ALD
G4PUQ	W4MZ	R2AB	JA1VVX	RK9F	EA8AXT
G4VGO	W5THT	R3IS	JA2VMU	RY6M	EC5A
I0OSI	W5VU	RU3UN	JA6TMU	SM2DMU	EI3ISB
JA1JAT	W6SZN	S59DJK	JA7SFD	SM7NDX	ES5NC
JA2GQO	YO7APA	SM6WET	JF1RPZ	SP7JLH	FM5GU
JA2OLJ		SP5MXZ	JH3HGH	SV1PL	G0VXE
JA3FHL	102	T77V	JH3PRR	UA0FDX	G4CGG
JA8EJO	A6/RV6LNA	UA1AIR	JH7BKN	UG6GAW	GM3ZSP
JE1SYN	CT4BD	UA1CKC	JI3KDH	UR7CQ	I2VGW
JH1DGQ	DK3QM	UA6HOF	K0LW	UT1CC	IK0HFO
JM2RUV	DL3DXX	UA9MR	K1YR	UT4IS	IK4MSV
K0EOO	DL3NCR	UA9UCO	K2BX	UT7HA	IK5ZUK
K2UVV	DL4CW	UW7CN	K2TER	VE2OJ	IS0/YO3RA
K4LQ	DL4KUG	VE2FYR	K3SEW	VE3XB	IT9CVO
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KE1IU	ES5RW	W3EKT	K7IA	W4BUE	JA5DQH
KJ4R	F6BWO	W4ALF	K8BN	W4PM	JA9CGW
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KM9E	HB9AHL	W7IUV	K9PG	W7AV	JF3DRI
LX1DA	I8LWL	WA0IDK	KC4PX	W7CB	JS6TWW
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NU1T	JA8OW	WW5G	KF7NN	WA3EKL	K1NZ
OH3GD	K0YN	YO2CMI	KN6J	WB3HLH	K2CBI
OK1DQT	K1PTF	YO2IS	KQ1F	WC4H	K2CYE
OK2BQU	K2LP		KS4XQ	WK9U	K3TZV
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OZ7JZ	K3KG	AA2VG	LZ1XZ	WV9L	K4KSY
R9GM	K4AQQ	AA3LX	N0STL	YO2OXD	K4QS
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RK3QY	K7BHM	AC5O	N8AG		K8BZ
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SM3CBR	K8BHZ	D44BC	NE1F	9M6YBG	K8CS
SM6EHY	KJ6NZ	DH2FW	NX2X	A41ZZ	K8LE
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UA3PFN	KW4BY	DL1KS	OE3WQB	AA4UC	KA9UVY
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UT2AB	LA3ANA	DL5JS	OK1PGF	AC4VM	KC0V
VA2ZO	LA6UL	DM3ML	OK2BOB	AI2S	KC4D
VA3IC	N5RZ	EA1WX	OK3EY	DJ6OI	KC5LT
VE3EDY	OH2EA	EU1TT	OK4MM	DK8MM	KD8BZY
VE3MFA	OK1DTN	G3ZFC	ON4LG	DL1TPY	KP4N
VE3VV	OK1JDX	G4FJK	PA4WM	DL1TRK	KQ5M
W0QC	OK3CSQ	GM3WTA	RA3AH	DL9GTB	LA8W

LU5OM	UR4LRG
LU5YF	UR8IDX
MM0SJH	VE1RGB
N0AH	VE3OAT
N0ATQ	VE7JKZ
N1KI	VP2VA
N1MD	VR2PX
N2SG	W0GYH
N2XQM	W0MU
N3AF	W1AN
N4CRI	W1YRC
N4ZR	W2CCC
N7DED	W3BBO
N7TK	W4HHN
N8IL	W4OEP
N8NB	W4OV
N8OQ	W6WA
N9ADG	W7DT
NA6O	W7JET
NB3R	W8CNL
NG7A	W8FN
NJ3I	W8GDQ
NN4SS	WB4SON
OE5JDL	WU2M
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OK2PAZ	YL2SM
ON4ANN	YO9FLD
ON7EH	ZP9MCE
ON7GB	
ON9CC	
OZ1ZD	
PA0INA	
PA7RA	
R3PJN	
R9JX	
RA3SD	
RA4LW	
RA6XB	
RC2A	
RN1A	
RT5A	
RU3GF	
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S59SV	
SM0CXU	
SV1VJ	
SV2DSJ	
TI5CDA	
UA3AKI	
UA4PAY	
UA6CEY	
UN6P	
UR4CW	