

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 18 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	NN4T SM3GSK UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
341 EA8AK	325 EY8MM K9UWA UA2FF	316 IK4WMA K5RK N1DG OH3SR W2VO	310 I4AVG I4EWH RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV	
340 K1ZM	324 K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 IK4MGP	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	297 DK5PR N4CC OM2XW W0FLS
334 N4WW	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
332 UR0MC	321 WB9Z	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA VA3EF	295 K3UA
331 K5UR LZ2DF UT7QF	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW N4IS		294 DL1AMQ JH2FXK LA5HE N0TB
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR W9ZR				
329 K3UL UA4HBW	318 4X4DK				

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	K2UO K4IQJ SP6AEG UW2ZM	W1MK	SP1S UX0FF
293 JH4UYB S58T		280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU KF2O W6UB	267 LU8DPM RW0LT RZ3DX SP5DIR	260 I1FQH K1LT K4DY UT9FJ
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	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 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD	259 DF4PL G3ZSS K8FL R9FM
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ K5XI		272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP YO5BRZ	258 KW9A N2NL RN3CT VE3QAA
290 UA3AKO UT1UY	284 NJ6P SP3DV UX1AA	278 DK0EE F6BEE HB9AMO JA3FYC K5DU RU3FM		264 IK2YCW K7ZV N3NT	257 AA1QD JH1GZE K1GUN K9NW N4II N8TR W9YSX
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU		256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY W0JX WK3N	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	276 F6GCP G3LZQ N8RR N9IW OK1AWZ VE2Tzt	270 AA1V KD5M LA3MHA OE5KE SV8BHN	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP	255 IV3ODE K4QL N2MF R5AJ VK4MA W3KX W5OZI
	281 DF2PY	275 9A1CCY F5NBU I2AOX IK4CIE	269 K6ND W1ZC	262 G0DQS IK5HHA KR9U N5KD W1YY	254 I1EIS N0AT OM3DX WA4FFW
			268 DL5DSM G3WPH K8PT RA3XDX	261 9A4T DL9YX K2EK K5KC N6SS NO8D	

253 5B4AGN IV3YYK JQ3DUE K5ESW S58Q UA1OMS W0YG	NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	JA3EMU K5ZK KA9CFD N4XM N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	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	230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ	225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW
251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	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	229 CT1FJK DJ4AX JA8FKO J11BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ
250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	244 AG9S DK6WL F6BLP JA1HGY ON4IQ SV1RK	238 AC4G DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP	233 DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO	228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI KV7K RT6T SV2JAO UR5FEO ZS4TX
249 AI9L K9RX SP5DRH	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	237 DL7MAE IW1ARB NI0G OM4EX WA7NB	232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP	227 DL7HU ES1RA I3BUI IK0HBN JA1UQP JA2NDQ JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR
248 K3WW K5RX SM3VAC T77C W9NGA	242 EA4KD G8VR KG7H OK1CF			226 9A8A DL5WW JA6BZI	
247 K0IEA K6XT NN4X	241 JA1SYY				

N9BX SM0CCM	K5PC ON6YH UA3AGW	WS9V	LA7HJA N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ	SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	W5TCX
221 JA2WYN JJ3PRT K4MWB K8SIX LA7GIA LB8DC N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N4PQX N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	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
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	215 IZ8FWN JH0INP N7JW W0UO W2LK W6YI	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DK2LO DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR W1NT ZL3IX	199 G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
219 IK3VUU JA2FBY JA2FJP OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL		198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
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	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT	197 G3SNN JA0EOK JE1BMJ JH1QAX JH2UVL K8NVR LA7AFA OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS W4UM XE2X

196 4Z4DX AA4HP IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR	WA2VYA	188 AB4IQ CT1FMX JA1KQX KB0EO KE9ET KL0S N8LJ RM0F W1YM W6SR W8JV WA6YEE	N9RC S57AC US8UA UT2UB W2YJ	W8TN	RL3FA SM5FUG SP1MGM W4BP W4GD YO7NE
195 EA3JL EA5RM G3ZEM JA1EOD JN7FAH K3PA K7SO K9RT KF8UN N1SV W5ZG W9OP WN6W	192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG LA0FA N4DB NE1B W3UA W3YQ W8LGJ	187 AJ1H JA8DNV K0SR K6SRZ KN5O N2NS OK1CZ SP3FAR W7AWA	183 CT1FPQ HK3W IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	179 IT9ELD IW0SAF JA9NLE K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI K5GKC LA5LJA N7IR PE1L TF3SG VE3FF W8HC WX0V
194 JA1XEC K4KDX K9JF KB9LIE OH2IS SM7GIB W2LO W4FC WD8JJA	191 CT3MD JA1ANR K0BBC K0JGH K8FC K9LA RK2FWA WE9R	186 IK2QPR JA2LCP JA2ZL K0BJ K7LAY YL2TW	182 DJ9ON DK3UA JA1SHE JA3ENN JR7BDQ N3OC UR3EO	178 4Z5CX EA3CJ JA4MRL JL1SAM K2UR N7XR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C
193 CT1IUA DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW K4ODL N5LZ N9EN PA0LOU RN1ON UA0CA W9MU	190 IZ8XQC JA0VSH JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO	181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W9AJ	177 9H1SP AE5E CT1GFK K3WC K4RG K9NU OK1DWC SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JE3ENP K1NTR K4XR K9YC KA1J N5FG PY5EW

RC9F	N4XX	HB9FMN	K8TL	UA0FZ	LY5A
UN9L	N7US	IV3TDM	OK2QA	UX5UO	N5MOA
W3IP	UT8MM	JA1FNA	RW3RN	W1BR	NE9Z
172	UY5AA	JA9LJS	UR4CWQ	W5XC	RU4UR
EA7TV	W6RW	K1KA	VE3CFK	W9RN	SM3PHM
G3NKC	W7Yaq	K3KY	W7AL	WX0B	SV8ZS
IZ5MOQ	WB3JFS	K4JLD	162	159	W2TA
JA3FGJ	168	K4PB	4O3A	DL6MRS	W5GZ
JG3IWL	G3MXJ	K4WA	9A4W	JA4FKX	WS7L
K0DEQ	I2ZGC	K4ZYU	F3AT	JA9APS	YV2IF
K1BD	IK2EGL	RM3DA	IZ4DPV	JH6QFJ	156
K6FG	JA6VQA	W0DJC	JA6GIJ	JL1RUC	AB9V
KJ0M	JE7JDL	W1RR	JH4ALY	K4RO	FM5BH
VE6WQ	JF2UPM	W8ILC	JR5JAQ	OK2ZV	IZ8IEV
W3JX	K4XD	WA8TXT	LB6KC	UN7JX	JE3GRQ
W4FQT	K5QY	165	N8MR	W3HKK	JO7HAM
WA9PIE	K8RYU	DL7UCX	VE7SL	W6BJH	K0QC
WC4X	KR4F	F6HDH	W0HT	W7SX	K8YSE
171	N4QQ	HB9TKS	W0TT	WD5BJT	KS1J
AA9D	N8BJQ	IK0AGU	W1LW	158	N3RC
DL6KR	PA7F	JE7RJS	W8WEJ	AA6AA	N3UA
G0EHO	SP5GH	JH7CFX	161	CT1FCX	N7WS
HA9PP	SP6EQZ	K5JZ	DK2GZ	DJ4PT	UA3SAQ
JA6HUG	SV2AEL	KK4CB	DL6RAI	DL1FKA	VA3LX
JR1TNE	W4SVO	N4HB	HB9DHK	G4GIR	W1YIF
K1NU	W6VX	N9FN	IK0FUX	IT9DSZ	W4TV
KI5BLU	W8OI	NY0V	JA1DOF	JH1TWT	155
N0RN	WA0MHJ	SM4CTT	K1USA	J11FXS	DL1RK
N4OGW	WA5YNB	W5BN	K5GO	J11NJC	DL4SZB
N7RO	167	164	K8ND	JR1GJP	K2LS
RA3DNC	DK5AD	GU4YOX	LB2TB	K1CA	NE0DX
SV1LK	EC3A	HA7UW	N4GN	K5TT	NW7E
170	EI6FR	HB9BZA	OE5RLM	K9GA	SM6VR
DJ6TK	K6KO	JA1RTX	OH6RA	OZ1HX	W2XI
JA6JPS	K8NK	JA7ZP	VK3HJ	RU6M	WE1P
JF1WPB	K9MBQ	JH2SON	YU2TW	SM4EMO	WS5W
JM1GYQ	N0IJ	K1NJ	160	W0SZ	ZS6EZ
K6ZZ	N3BNA	N5WA	AD5Q	W1OX	154
N4PY	OH2BLD	RA3ZH	DK1WB	W2XL	3V8SF
SP3GTS	PA3C	RN3OG	DL1DA	W3GQ	GM3PPE
SV3KH	RA1AOB	W4DKS	IW2FND	W4QN	HB9BUN
W9EVI	RN9N	W4NS*	JA2EPW	157	IZ3ENH
WA3AFS	S51EC	WP4G	JE2DZC	AA4H	JA8NFV
169	W1YW	WW3S	JE2OVG	AC6DD	JR3OEH
IK0PEA	WA4LOX	163	JF2XGF	DL4MM	K0KVR
JA1ADT	WB0TEV	9A2JK	JR7MAZ	EA5BY	KR2Q
JE2LPC	WC5N	DJ9HX	K3MSB	G3TQZ	NX8Y
JR1IZM	166	JE2LUN	K3RA	HB0CC	SV1CNS
K1LI	4Z1UF	JH4CPC	NR4M	JA1GHH	W1NA
	DJ4SO	K7NN	RU6L	JH7IAJ	W5DNT

YS1RR	K2AX	W7HPW	JE6TSP	K7CW	W8HW
153	K2FW	WB8B	JH4HMG	N2RJ	ZS1C
AJ9C	N2ZN	WD5K	JH7RXU	N2WM	140
CU2AP	N5JB	YO3DDZ	JJ3HGJ	N5UW	9A1CAL
DF2RG	OK1ATP	148	JK1AJX	N6PAT	JA4OK
DL1DUO	RD3A	DK2CC	K3VAT	NN4R	K5WK
DL3ZA	RU3A	F5CQ	K4OY	W0IZ	K6KLY
G3TJW	S54A	F5LVL	K8BL	W6QUV	KF8DX
HL2CFY	SP7AWG	F5PAC	KF6HI	WB8CQV	N4XP
JF1IRW	SV9AHZ	G4FTC	KR0P	WB8ZRV	OH6NIO
JR9OPJ	W7CT	JH1QDB	N1CGP	WD9DZV	ON7DR
K7SP	W7RH	JL1UXH	N4GG	142	UN1L
K8VFX	WA1Z	N2WB	N6PSE	I5HOR	VE6SV
KD0PO	WA2BCK	N5XZ	N8OC	JA2ATE	W0SEI
LZ1PM	150	NE3F	OE6VIE	JH0BQX	W4NU
N4TV	EA1AF	W5FKX	RT0F	JR7WFC	W7IV
N5TW	IV3RAV	W9JJB	SM3DTR	K3PP	W8LWU
N8II	JA1SVP	147	144	K4WZ	WO2T
R9OK	JA2NQG	EA3GP	CU3EQ	K6EME	YL2MU
SM6CLU	K0RS	IV3VBM	DL5CW	KK1W	YO9FNP
SP5CCC	K1OA	IZ0RVI	DL5KUA	LA9VFA	139
UT5UY	K5TR	JA1XQC	E70T	MM0SAJ	DF7EE
WB8BPU	K5VWW	JN1BMX	EI6IZ	N7QT	DJ4XA
152	K7LV	K8UT	GM3ITN	NA4D	DL5EBE
EW2A	K8AJS	KM1H	HB9BYQ	NQ7R	DL8OH
JA2VQF	KU4XO	N1IBM	HS0ZEE	NY2NY	DS1JFY
JT1CO	LA6OP	NA5C	I5MXX	OK1DO	HB9CQK
K9MK	N3QE	PC3T	IT9GSF	W2OO	JA1TMG
KQ4AV	N9CO	W1OP	IV3DXW	W5LUA	K3ANS
KS3F	OE8SPW	W2KKZ	IZ4GWE	W5VQ	K6AM
N9OY	ON6AA	146	JA3GN	WA5POK	K8GI
S55ZZ	SQ5EBM	EU4A	JE1FQV	141	K8RF
UA6IGI	UA6YW	JA1HQG	K0VSH	AC9S	KA8SYV
UN7LZ	W2/CT1GIF	JA4DHN	KJ9C	DL5MHQ	KM3T
UT5AB	W6DAO	JA5XAE	LA9GX	EW1BA	KU0A
VE6LB	WW2DX	JH1GNU	N1IX	HB9FMT	LA8WG
W1SKU	149	K5KV	N3KK	JA1PTJ	OK1MP*
W1VT	DL7CX	K5SM	SM4OLL	JA9RRH	SM5CBM
W6RLL	HB9HFN	K6NR	SM5CLE	JH1HHC	SV8ZC
W7AJ	I0JBL	K7WP	W4GE	JH4JNG	W0SD
WB3CQM	IK4FNF	N7BT	W7ZI	J11DCW	WA8WV
151	JL1ARF	OH1JP	W8RLS	JR2LJO	138
AA7G	K3TN	RU0SN	WC5M	K2RW	DK8MCT
DK2OY	K4YYL	W1IZL	WD5T	NJ3K	DK8YY
EI9JF	K7HP	W1ZT	YO3CD	SV3FUO	EI9FBB
F3SG	K8ME	145	143	W2CG	F6DDR
HB9SLO	K8ROX	AF4HX	DL6EN	W3BW	IK8EPC
JA6BEE	R8TX	HI3T	HB9RYZ	W4JVN	JA3OOK
JH1NYM	SM6CUK	IT9ZZO	IT9BLB	W4VIC	JF3LOP
JR1XIS	UW7UA		K7CMZ	W4WT	K1RO
	W0GG			W8GNM	

K2RET	JA7LMZ	EU1U	JH4ADK	JA8JO	JN1RQV
KJ6P	JA8BNP	G4XEE	JJ1TEA	K6XM	JS2LHI
LB5WB	JA8JL	IK5DNF	JM1FHL	K8DV	K0RW
OZ8X	K1ZE	IZ8DFO	K1UU	LB7ZG	K3TRM
RW4CY	K4TT	JA6CBG	K6SIK	N0YY	N1AC
UN7JID	K4ZRJ	JA7GLB	K9DR	N2BJ	N1GC
V51B	K7FL	JA9AGN	KC2LSD	N3KS	N9RD
W1GD	K7XB	JR6FC	KH2L	N3RR	OE8HIK
W2YE	NZ9R	JR7FRW	KM3V	W0YVA	PA3EWP
W4YV	R3VA	K2CDJ	KM4H	W7QHE	SK7AX
W7OM	R7LP	KS4YT	N3MK	W8MET	SP6A
	RN3RQ	KU2A	N4QWZ	W8MK	SP7ASZ
137	SM3LGO	OE1KM	N5PHT*		W0CP
EA1YO	SM5CZK	RA5BM	N6RK	128	W0RT
GM3YOR	SP3XR	RV4LC	ON4ON	AA4SC	W1OPD
IZ2FOS	SV5DKL	UQ2PZ	PY5EG	DM2RM	W3BG
JA3APU	UB3A	VE3WT	R0SR	IK2SGB	W3FOX
K2QMF	W1DIG	W0NFL	R9MJ	JA1XCZ	W3MF
K8NS	W1EQ	W2QO	R9SA	JA2AHH	W8LMG
RA3CO	W2GD	W5AJ	W8DCH	JA2KSP	XE1KK
RG7G	W4BUW		ZS1A	JA5FDJ	
UU1JA	W4MBD	132		JA9AA	126
W1ITU	W4RFZ	AA4NC	130	JE1LFX	AC9EM
W5ODD	W6DR	AB9M	DF9ZW	JH4GJR	DJ8WD
WB5JID	W6JTI	AD6W	E73M	K0FF	F8BPN
	WE4S	G3UHU	EI2JD	K3XA	G4IUF
136		IK3VBB	G7VJR	K4JAF	JA7KY
E72U	134	IT9RDG	HK0HEU	K4SE	JH3CUL
ER0FEO	CT3HF	K6YUI	IK3XJP	K6LPO	JJ1DWT
HB9IQB	HA1RB	K9ZM	JA2FBC	KG7CW	K2ZD
IK8CNT	IK4DCS	N6HY	JG1DUZ	KM4NS	K4JKB
K0TV	JA7LGE	OZ2RH	J14POR	N5KM	K4XU
K4ZO	K1TO	SM4BZH	K2MYR	OZ1IKY	N8NA
K7TM	K1ZN	SM6BG	K3NK	R9SG	OE3SGU
KR6C	K3OX	SP6M	K7LFY	S53X	OK3CQD
NA5DX	K5VIP	VE3CRG	K8BCK	S55DX	PA5TT
OK1DW	KX4TT	W4AXL	K9GL	SV3DCX	VE3CX
SM3GQP	N9MR*	W4RBO	KO8SCA	US8UW	VE7BV
SM5OJH	N9RS	W4WM	NA4EA	VQ9LA	W8REW
SP2BMX	OE1TKW	W5SL	NO9E	W2WC	W9ILY
UT3UZ	OH1ZK	W7AH	OZ2ABI	W4IS	WB0O
UW8SM	ON4CAS	W7CD	R5QA	W6RKC	WB2REM
W2OIB	PY5HOT	W9FR	R9AB	W8KA	WD4LBR
WB7QXU	RG6G	WB3D	RU1AO	ZS6UT	YU1EXY
	RX4HW	XE2S	S51NM		
135	SM0BYD		TA1CM	127	125
5B4MF	SP6JIU	131	VE3DO	CT3KN	9A1AD
DJ9ZB	UA0ACG	DK7YY	W2MPK	HK1MW	AG1A
F6FXU	W4JKC	DL9FCY	W9ZT	JA1DDH	GW3TMP
IK8GYS	YU1AM	HS1NGR		JA1WLO	HK4SAN
IU0HDC		IV3KFB	129	JA8RJE	IW0HEX
IZ7EVZ	133	JA0AOO	HB9AZZ	JA9KRO	JA4IYL
JA2KVD	9K2NO	JA2TBS	JA1NWD	JH3AIU	JA6VU

JE1TSD	JA6WJL	121	N4LR	SV1ACK	K9FN
JE6UWU	J14WAO	AA6RR	N4TB	VE3YF	N2JJ
JF2WXS	JK1EXO	AA8CH	N4UFP	W4HZ	N4IR
JH1AGU	JR1EBE	DF1DB	N8PW	W8FIB	N8AA
K1HAP	K2PK	DK1EI	OE3EVA	WC2K	N8XI
K5KG	K3FRK	DK6CQ	OZ2A	XE1RCS	NY4G
K9GWH	K3XO	EI2GLB	PZ5RA		ON5UE
KA6BIM	K4ZIN	HB9DHG	RL3BZ	118	OZ5HP
KI4WCQ	K5GH	IT9AAI	SP3PLD	5T5PA	SM7BIC
LZ1XL	K5JC	JA2HYD	SP7ITB	AB2E	SP8HKT
N2KA	K7UT	KD8RQE	SV1IW	DL5OCE	UA6J
N3EN	K9CS	KG9Z	UR5IKN	JA4FHE	UR9IDX
N4JT	KV4T	KV4AA	US0YA	J18DGO	US1CT
ND5S	N2ED	N0OK	W0RX	JN7DOS	W4ZRZ
NW6S	N4DWK	N1JP	W2YR	K3WGR	W6SL
OE1AZS	N6MZ	N3ND	W3OA	K4CNW	W8ZR
RA0BA	N9JV	N4TL	W4PRO	K5XM	WA2USA
UU7JM	N9LQ	N6HC	W6RFL	K7PI	
VE3UTT	NA2P	SV1AHX	W7RN	K8LN	116
W5DAW	NA9RB	SV1FKZ	WP3R	K8WVA	AJ4F
W9CG*	S50B	UQ1GWW	ZL4AS	KD6UO	DL7URH
WV4TN	UA3DK	UT4EO		KG8CW	EA5BRE
YO2RR	UR9QQ	UU2JQ	119	LZ2HM	HA7PF
	UT3QU	VA3AYA	AA3AZ	N2MM	HB9EFK
124	W1AO	W0QQ	AA4DD	N6MB	IK0EIE
AA7XT	W4NF	W2GG	AE3T	PY2PA	IK2OHG
AB1OC	W8NJR	W3RJW	AJ4A	RN3TT	IT9TQH
J11DHY	XE1H	W6XI	DK3GG	SV9COL	IV3HYD
KD2T		W9FI	DL9OBY	TA2RC	JA1WTI
KD4POJ	122	W9XX	EW4M	W1KSZ	JE2EHP
NA2U	BA4RF	W9YE	G4DJJ	W4DAO	JH3GCN
PA0TCA	G3NDC	WA1PMA	HB9AAQ	W4NJ	K1DC
UA0BA	IU0LFQ	WY1G	HB9BCI	W5JMW	K1RI
VA7CRZ	JA1MRM	XE1VIC	I2TZK	WX3P	KT1V
VE1DUN	K1BZ		I4MKN	YO4AUL	KV1J
W2JU	K1ESE	120	IK0ZIO		NA9Q
W2RIJ	K1YT	9A5F	JA3AZD	117	OH8LXT
W3FM	K2MP	AA5JF	JA4XGC	9Y4VU	OZ1LCG
W6CYX	K7ZA	AL7TC	JE2JMV	AE0P	PA0JSE
WB8K	LA7WCA	DL2VWR	JH6CDI	BH4IGO	RV3ID
WT4Q	LA8PT	FG5FR	K3NF	DL1DWT	TZ4AM
	N3NR	HB9BLQ	K5UZ	G3PLP	UA4PCM
123	N9AW	IZ0LKV	K7EG	IT9DAA	W1ENE
AC4TO	NN7X	IZ5NFD	K8KWT	JA1HQT	W1WEF
DL7JRD	OZ3Y	JA4EPE	K9SG	JA4FM	W7GG
F4GTB	RD4A	JR3UIC	N0KV	JA7GYP	W7OEV
G4WFQ	SP9WZS	JR6LLN	N4DJ	JA7IC	W8LRO
G5LP	UU4JMG	K2BA	N9UA	JM3GXU	WQ5L
HB0WR	VE6AX	K2HK	NT2A	JR2UBS	
IK2CHZ	VK4CAG	K3QIA	NY7T	K2BB	115
JA0CRG	W2TB	K6FW	OH5NG	K6PJ	C6AGU
JA1SJV	WA3I	KA8ZPE	OK1DT	K8OOK	CU2CE
JA3MHA	WA7BNG	N4BAF	R6FFB	K8QM	DL9GOA

G8BCG	K3OSX	SV2AVP	W1HEO	W9RB	YU7AU
G8DX	K5CD	UN7TW	W2CVW	WA2MUA	ZL3NW
HA5UK	K5RJ	VE3KI	W2SKI	WB4TDH	
HK3PJ	KB8U	W2GW	W3UL	WB9EEE	109
IZ7JVR	KZ4V	W6BK	W4VHF	YL3DQ	DF1KG
JA2KNW	N1QY	W8FAX	W5VX	YO6HOY	EA3GHZ
JA3NHL	N3MN	W9DX	W6TC		EU4T
JA5WIZ	N4IQ	W9VNE	W8GEX	110	F8EZE
JG3LGD	NU8Z	WA2BOT	W8HMK	BA4MY	G3SVD
JH1RFM	UA3FT	WA4DOU	W9SE	DL1VDL	IW0HQE
K0GD	W0VX	WB2HJV	WA8OLN	EA5BYP	JA2CXF
K0SD	W3MR	WB2UFF	WT9U	F5BAR	K2ONP
K4CMS	W4TUN	WS4C	ZP6CW	G3LNS	K4RDU
K4GHS	WA1FCN	ZL1BYZ		G8AJM	K5FZ
K4GK	WA4CEM		111	HC1BI	K5KA
K8YTO	WA8MCD	112	9K2OD	HI8R	K5KPE
KZ5DX	WA9YYY	A92IO	AA4U	I2BBJ	K6MW
LY4T	WN9O	DJ1RL	AF4OX	IK5RUN	KE1F
N0IRM	XE1RBV	DK5RL	CU3AN	IK8UHA	N1BZ
N4OA	XE3ARV	DL5CL	DG7RO	IZ0CKJ	N2WLG
N5BO		EA1JO	DK2WH	J68HZ	N7TY
N8KOL	113	EI8IU	DK6ED	JA7EPO	N8NN
PA3AXU	9A1A	EW1DO	DL1HRN	JE2UFF	ND4V
RZ6MJ	DJ5DT	G3XGC	EV1R	JH1VHU	NN4RR
UA1ANA	DJ9RR	HB9CEX	F6ECI	K2BLA	NU4I
UA1CGS	DL8CM	HB9CRV	G4DBN	K3JRR	NX7U
UA6XT	DL8DYL	HB9G	HL3GOB	K3PH	PY5CC
UN6T	DL9GTB	IK2ANI	JA1AUD	K4WW	RW4UU
W4UCK	G4AFJ	IU8FRE	JA1FGB	K6MI	RW9QA
W5VY	JA0GCI	IZ4DIW	JA1NCZ	K6VKO	RX3AGD
W9HBH	JA4BXL	JA1SXR	JE8TGI	KB4MRX	TG9NX
YL2CZ	JA4ITW	JA7BXS	K0FLY	KC2STA	UB5ZAL
	JH1ORA	JF2WGN	K5WAF	N2CG	UT7KF
114	K0TPP	JR7TEQ	K7ORK	N3HBX	VU2CPL
AB4GE	K8SL	K0JPL	K9AJ	N3IQ	W5WP
BA4DW	KA4RRU	K1EDG	KM1R	N3JB	WB5TUF
BA7IO	KH6DX	K1EO	KP4AA	N4KE	WN0L
CT3FN	KI0G	K1KO	KZ0X	NC6K	YV3AGT
CU3AK	KT1J	K4UAS	LA0CX	NK7C	
DL6NB	N6PE	K8CC	N4WJ	NY4I	108
DL6UAA	N7KO	KB2FCV	N7BD	RD9M	AI2Q
F6CWA	N9ISN	KI4DLS	NA1DX	SM5BHW	AL7R
G3SDL	NA3F	KM1C	UR6QA	SV1VS	DL6CNG
HP3TA	NG0G	LA8HGA	VE6KC	UA3O	ER1LW
I5OYY	NI5F	N5ZC	VE7CT	US7MM	G3VAO
IK7YZG	NK5B	N6MA	VE7UF	W0UY	HB9BAT
JA1OVD	NZ3M	N9HF	W0VHF	W3XY	HB9FAN
JA4KDT	R7NA	RU4SU	W1FO	W4DC	IK0PRG
JH6WMJ	RA4UN	SM3DMP	W4HOG	W4NE	IZ0BTU
K1RV	RZ3AUL	UA1ACG	W4OX	W5ZPA	IZ2EWR
K2DC	SM5ARL	UA1CEI	W5AQ	W6KK	JA2MOG
K2HAT	SP3EPG	UT6UD	W7VS	WL7E	JJ2PIK
K3MD	SV1JFV	VE7XF	W8MIL	XE1FAS	JK1MZT

K1EP	FG8OJ	AE2U	W8OP	RD4WM	KA2BZS
K1XM	G4AKY	DJ6OZ	WA4MYO	SP5JXK	KH6KG/W5
K2CJ	G4RGK	DL2NOM	WA6TLA	UA6LCN	KI0KB
K2KQ	I5IHE	DL3JSW	YL2GN	UR1RWX	KW0A
K2MK	IT9XTP	DL6JZ	YU3EF	UR2RGN	LZ2XF
K4SAF	JA5EY	EA3CCN		VE1PZ	N3ER
K4WY	JA6OXT	HA8DZ	105	VR2MY	N3TR
K4YJ	JA8JTH	IW3GJF	DF2PI	VY2ZM	N4GU
K6UT	JH9DRL	JA1VLK	DF8AA	W1LE	N4TTE
K8OM	JR1BAS	JA2MNB	DJ3XD	W1LY	N6PF
KM8AM	K0MD	JE6IGP	DJ6KH	W1MRH	N6WM
KN4JX	K1TZQ	JG3HBO	DL4ZAB	W4OWY	N8MZ
KX2A	K3SW	JG5RVQ	DL6XK	W6FF	N9DR
KZ1W	K3YBN	JH2KKW	DO1CTL	WQ5W	NJ9C
LU2DKT	K4MS	JH6PFY	ES1GO	YU1NR	NN3Q
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N4MEC	K8ZR	JR0EQQ	HA8FW	104	PA0GMM
N6RFM	KB9DAK	K0DEW	JA1BWA	9M2AX	RA1QX
N9SF	KE2R	K1PX	JA1TAA	AD1C	RU3UR
N9TF	N2RR	K4DSE	JA4EVN	AG4Q	RZ6DX
NU4Y	N3DAP	K5AM	JA6VA	AH0U	RZ6LB
PA0ZH	N4RF	K5ZQ	JA7BME	CP8HD	SM5CCE
R5FY	N6EE	K8JJC	JA8RRF	CX3CE	SM7CQY
R7LA	N8AGU	KD9HL	JA9APM	DK3BK	SO5AS
RA1OHX	N9PGG	KK8X	JF1RYU	DL4FAP	UA9FGJ
RX6DX	NA5Q	KK9H	JF2VAX	DL7UPN	US5CAO
S57J	OE1CP	KQ3F	JO4CFV	E73D	UT4EK
SM6AOU	OK2BUZ	N0JZ	K1DJ	EA8ZS	UT7EC
UX7UN	OK3CQR	N2CW	K2XF	EI9E	UX4UM
UZ6LWZ	R0FA	N2SQW	K5AV	F6AJA	UY0MM
W2UB	RN4AA	N3XM	K6DJ	F8GB	VE3VHB
W3NRJ	RV6ARZ	N8AID	K7OX	G3BRD	W0YBS
W4ZYT	SP3BQD	NA5Z	K7PO	HB9CIP	W1QA
W7ACD	SP6AXW	NI5M	K9RO	HK3O	W3DRY
WA2ALY	US5CB	NS3L	KI5T	IK0DWN	W3TMZ
WA8MOA	VE3OI	OE5CSP	KT2E	IZ4MJP	W5BK
WB8BZK	VK3NX	OH2OT	LZ1JZ	JA1JAT	W5CWQ
WC1M	W3KB	OK1AYU	N2DPF	JA1SDV	W5GJ
WC6DX	W4MAY	OK2BVG	N4JI	JA2FGL	W5ZO
WD9EQU	W6TDX	S57AL	N4NW	JF1EGO	W6PH
WW1WW	W8IW	UR3CRO	N4PL	JF6WTY	W7DR
ZS2DL	W8VK	UT7UU	N4SC	JK1BSM	WA0I
	W9CPV	UU5WW	N4VN	JO1WXO	WA9ETW
107	WA0RVK	V73AZ	N6NU	K0WK	YC0LOW
4Z5LA	WB6CJT	VQ9SS	N7DR	K1BG	YO5ODE
DJ8ES	WB8ART	W1CWU	ND3L	K3FM	
DK3FB	WS1L	W2EQ	ON7PQ	K4KEW	103
DL1QQ	XE2YWH	W2LE	OZ4AAL	K4MF	AG1I
DL2CHN	YL1XZ	W2NO	PF7M	K4VIG	AI3Q
DL5XU	ZL3RJ	W3ICM	PJ2/K8ND	K5HK	DJ1MM
DO4DXA		W4IR	PY2DS	K6UM	DJ3GZ
EA5AT	106	W5JAY	R6YY	K7TJR	DJ7PI
EA7QW	AA4FL	W5KI	RA6AF	K9EA	DL2HX

DL8YRM	VA3IC	OH2EA	EA1WX	OK1PGF	AA4AK
DM5TI	VE3EDY	OK1DTN	EU1TT	OK2BOB	AA4UC
DS3HWS	VE3MFA	OK1JDX	G3ZFC	OK3EY	AB4VV
EA7SG	VE3VV	OK3CSQ	G4FJK	OK4MM	AC4VM
EU6MM	W0QC	PA7TWO	GM3WTA	ON4LG	AI2S
EW3LB	W0UVC	PV8ABC	HB9NL	PA4WM	DJ6OI
G3BDQ	W1CTN	PY2DO	IV3GOW	RA3AH	DK8MM
G3OIL	W4AVY	R2AB	IV3KCB	RA4P	DL1TPY
G4AAW	W4MZ	R3IS	JA1VVX	RA4SD	DL1TRK
G4PUQ	W5THT	RU3UN	JA2VMU	RB7GG	DU7ET
G4VGO	W5VU	S59DJK	JA6TMU	RK9F	EA2AAZ
I0OSI	W6SZN	SM6WET	JA7SFD	RY6M	EA3ALD
JA2GQO	YO7APA	SP5MXZ	JE1PHH	SM2DMU	EA8AXT
JA2OLJ		T77V	JF1RPZ	SM7NDX	EC5A
JA3FHL	102	UA1AIR	JH3HGH	SP7JLH	EI3ISB
JA8EJO	A6/RV6LNA	UA1CKC	JH3PRR	SV1PL	ES5NC
JE1SYN	CT4BD	UA6HOF	JH7BKN	UA0FDX	FM5GU
JH1DGQ	DK3QM	UA9MR	JI3KDH	UG6GAW	G0VXE
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K0EOO	DL3NCR	UW7CN	K1YR	UR7CQ	GM3ZSP
K2UVV	DL4CW	VE2FYR	K2BX	UT1CC	I2VGW
K4LQ	DL4KUG	W0JMP	K2TER	UT4IS	IK0HFO
K5JUC	DL5RDI	W1AW	K3SEW	UT7HA	IK4MSV
K7BTW	EA1CP	W1PV	K4NNX	VE2OJ	IK5ZUK
K8CCV	EA8AKN	W2LW	K5DNL	VE3ARF	IS0/YO3RA
K9MUG	EI4DQ	W2TX	K5WE	VE3XB	IT9CVO
K9XJ	EI6GF	W3EKT	K6AAW	VK2GR	IW0BYL
KE1IU	ES5RW	W4ALF	K6XJ	W1FC	JA1BRK
KJ4R	F6BWO	W4KK	K7AR	W1GF	JA1CPU
KJ7WY	FM5WD	W5TO	K7IA	W2SF	JA1ILA
KM9E	HB9AHL	W7IUU	K8BN	W3WH	JA4FSH
LX1DA	I8LWL	WA0IDK	K9JU	W4BUE	JA5DQH
N0RU	IT9SFT	WA1S	K9PG	W4PM	JA9CGW
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NU1T	K0YN	WW5G	KE1VT	W7CB	K0LB
OH3GD	K1PTF	YO2CMI	KE4S	W8GB	K0XM
OK1DQT	K2LP	YO2IS	KF7NN	W9MAF	K1NA
OK2BQU	K2TK		KN6J	W9ZCL	K1NZ
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OZ7JZ	K4AQQ	AA2VG	KS4XQ	WA3PTF	K2CYE
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RK3QY	K7UA	AC5O	N2AJ	WR2G	K4QS
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SM7BHH	KW4BY	DK9WI	NE1F	YV4DYJ	K8CR
UA3PFN	KY6R	DL1KS	NX2X		K8CS
US2WU	LA3ANA	DL3ANK	OA4TT	100	K8LE
UT2AB	LA6UL	DL5JS	OE3WQB	9M6YBG	K9NZ
VA2ZO	N5RZ	DM3ML	OH3TY	A41ZZ	KA9UVY

KB0EL	S59SV
KB1HY	SM0CXU
KC0V	SV1VJ
KC4D	SV2DSJ
KC5LT	TI5CDA
KD8BZY	UA3AKI
KP4N	UA4PAY
KQ5M	UA6CEY
LA8W	UN6P
LU5OM	UR4CW
LU5YF	UR4LRG
MM0SJH	UR8IDX
N0AH	VE1RGB
N0ATQ	VE3OAT
N1KI	VE7JKZ
N1MD	VP2VA
N2SG	VR2PX
N2XQM	W0GYH
N3AF	W0MU
N4CRI	W1AN
N4ZR	W1YRC
N7DED	W2CCC
N7TK	W3BBO
N8IL	W4HHN
N8NB	W4OEP
N8OQ	W4OV
N9ADG	W6WA
NA6O	W7DT
NB3R	W7JET
NG7A	W8CNL
NJ3I	W8FN
NN4SS	W8GDQ
OE5JDL	WB4SON
OK1DXD	WU2M
OK2PAZ	YB1TJ
ON4ANN	YL2SM
ON7EH	YO9FLD
ON7GB	ZP9MCE
ON9CC	
OZ1ZD	
PA0INA	
PA7RA	
PY7DJ	
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RA3SD	
RA4LW	
RA6XB	
RC2A	
RN1A	
RT5A	
RU3GF	
S53MJ	