

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 21 Sep 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 UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 K5RK OH3SR W2VO	310 I4AVG RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM0GAV SM3GSK	
340 K1ZM	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA N1DG PE5T S50U W1JR		303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	309 I4EWH		297 DK5PR N4CC OM2XW RA3DX W0FLS
335 OH2BU	323 SP5EWY		308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	
334 N4WW	322 UX0UN W3UR		307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ
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		300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF	295 K3UA
330 AA1K HA0DU OH1XX R4GM	319 N0XA SM4CAN UT5UGR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW N4IS		294 DL1AMQ JH2FXK LA5HE N0TB
329 K3UL UA4HBW	318 4X4DK W9ZR				

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	K4IQJ SP6AEG UW2ZM	W1MK	260 EA5BM K1LT K4DY UT9FJ
293 JH4UYB S58T		280 EA6NB RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX	
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	266 G4OBK K1QX NR1R R3LA W8TE W8XD	259 DF4PL F6GCP G3ZSS I1FQH R9FM
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR W1GL YO5BRZ	258 KW9A N2NL RN3CT VE3QAA
290 UA3AKO	284 K5XI SP3DV UX1AA				257 K1GUN K9NW N4II N8TR W9YSX
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	264 IK2YCW K7ZV	256 9A5CY JA5BZL JH1GZE K5VRX K8FL SV8GFW W1TSP W3DF
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	276 DK5WL G3LZQ N8RR N9IW OH3BU OK1AWZ VE2Tzt	270 AA1V LA3MHA OE5KE SV8BHN	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP	255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI
	281 DF2PY HB9BIN	275 9A1CCY F5NBU I2AOX IK4CIE K2UO	269 K6ND KD5M SP9JZU W1ZC	262 G0DQS IK5HHA KR9U N5KD W1YY	
			268 DL5DSM G3WPH K8PT RA3XDX	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	254 I1EIS N0AT OM3DX WA4FFW

253 5B4AGN AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	R7IA WB3AVN YO9HP	N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	JR6EZE K9FD* N6JV ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX OK1CF R7DX VE3XN WA7NB WA7NS	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 K2FF N9US RL9F RY7G W9XY	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA K1AR K4UTE KF0QR PY1BVY S51DI	229 CT1FJK DJ4AX JA8FKO J11BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ
250 HB9RG NQ1K OZ8BZ	244 AG9S DK6WL F6BLP IK0XBX JA1HGY ON4IQ	238 DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP W3LL	233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO	228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX
249 AB3CV AI9L K9RX SP5DRH	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	227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX
248 K3WW K5RX SM3VAC T77C W9NGA	242 EA4KD KG7H			226 DL5WW JA6BZI JF2KOZ	
247 K0IEA K6XT NN4X NO2R	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY*				

SM0CCM	216 F6DAY JA6LCJ JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	RU3ZX UN5J UY1HY W6PJ W9EWZ	UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 G0OIL JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG
221 JA2WYN JJ3PRT K4MWB K8SIX N6VR W1ZK W6JRY WS6X			207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC	
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	215 IZ8FWN JH0INP K3JGJ N7JW RA1QD W0UO W2LK W6YI	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC KG9N N8DJX PY2XB SM6BZV US0KW VE3BW	202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV K9YY LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR WA2HZO ZL3IX	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
219 IK3VUU JA2FBY JA2FJP KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW WP4U	205 F6EXV I4KDJ JA3AAW KA9FOX LA7HJA W8UN WB8ZRL		198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
218 AD5A DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT W9OO	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN		197 G3SNN IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS XE2X
217 DM5EE JH1IFS K5PC ON6YH UA3AGW		208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT N5ORT		201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP

IK4PLW JA3RAR K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	WA2VYA 192 9A2NA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB OH2IS W3UA W3YQ W8LGJ	CT1FMX JA1KQX KB0EO KB1EFS KE9ET KL0S N8LJ RM0F SM0NJO W1YM W6SR W8JV WA6YEE	K5KLA KB4ET S57AC US8UA UT2UB W2YJ	179 IT9ELD IW0SAF JA9NLE JR7BDQ K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	SM5FUG W4BP W4GD YO7NE
195 EA3JL EA5RM G3ZEM JA0EOK JA1EOD JH1QAX JN7FAH K3PA K7SO K9RT KF8UN N1SV W5ZG W9OP	191 CT3MD JA1ANR K0JGH K8FC K9LA NE1B RK2FWA	187 AJ1H JA8DNV K0SR K6SRZ KN5O LA0FA N2NS OK1CZ W7AWA	183 IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	175 JA1CHN JH2QMT JS3CTQ K4DLI K5GKC LA5LJA N7IR N7XR PE1L SP1MGM TF3SG VE3FF W8HC WX0V
194 JA1XEC K4KDX K9JF KB9LIE LA7AFA SM7GIB W2LO W4FC WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K0BBC K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV WE9R	186 9A8A IK2QPR K0BJ K7LAY YL2TW	182 DJ9ON DK3UA HK3W JA1SHE JA3ENN N3OC UR3EO	177 9H1SP AE5E CT1GFK IK4ADE JL1SAM K3WC K4RG K9NU SM6DHU W2OR W5LT W7FI WB7B	174 4Z5MU 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	189 9A2F AA1ON EA8PP FM5CD JA0VSH SP7HOV UA7T WA3C	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB JA2LCP K5ZD LA3WAA N4TJ N5UR OE2BZL SP3FAR SV1DPI UA9CBO	180 CT1FPQ DM2DXA DM3VL EA8JF JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP W1RM W7BEM W8TN	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK OK1DWC RL3FA	173 5B4ALJ I1JQJ JG0CQK K1NTR K4XR K9YC KA1J N5FG PY5EW

W3IP	K1LI	IV3TDM	K8TL	UX5UO	SV8ZS
172	N4XX	JA1FNA	OK2QA	W1BR	W2TA
EA7TV	N7US	JA9LJS	UR4CWQ	W5XC	W5GZ
G3NKC	UT8MM	K1KA	VE3CFK	W9RN	WS7L
IZ5MOQ	UY5AA	K3KY	W7AL	WX0B	YV2IF
JA3FGJ	W6RW	K4JLD	162	159	156
JG3IWL	W7YAQ	K4PB	4O3A	JA4FKX	AB9V
K0DEQ	WB3JFS	K4WA	9A4W	JH6QFJ	DL4MM
K1BD	168	K4ZYU	F3AT	JL1RUC	IZ8IEV
K6FG	G3MXJ	RM3DA	HB9TKS	K4RO	JE3GRQ
KJ0M	IK2EGL	W0DJC	IZ4DPV	OK2ZV	JO7HAM
VE6WQ	JE7JDL	W1RR	JA6GIJ	UN7JX	K0QC
W3JX	JF2UPM	W8ILC	JR5JAQ	W3HKK	K8YSE
W4FQT	K4XD	WA8TXT	LB6KC	W6BJH	KS1J
WA9PIE	K5QY	165	N8MR	W7SX	N3RC
WC4X	K8RYU	DL7UCX	RW3RN	WD5BJT	N3UA
171	KR4F	F6HDH	W0HT	158	N7WS
AA9D	N4QQ	I2ZGC	W0TT	AA6AA	OE5RLM
DL6KR	N8BJQ	IK0AGU	W1LW	DJ4PT	UA3SAQ
G0EHO	PA7F	JE7RJS	W8WEJ	DL1FKA	VA3LX
HA9PP	SP5GH	JH7CFX	161	G4GIR	W1YIF
JA6HUG	SV2AEL	K5JZ	DK2GZ	IT9DSZ	W4TV
JR1TNE	W4SVO	KK4CB	DL6RAI	JA9APS	155
K1NU	W6VX	N4HB	HB9DHK	JH1TWT	CT1FCX
KI5BLU	W8OI	N9FN	JA1DOF	J11FXS	DL1RK
N0RN	WA0MHJ	NY0V	JH4ALY	J11NJC	DL4SZB
N4OGW	WA5YNB	RC9F	K1USA	JR1GJP	HB0CC
N7RO	167	SM4CTT	K5GO	K5TT	K2LS
N9RC	DK5AD	SP6EQZ	K8ND	K9GA	NE0DX
RA3DNC	EC3A	W5BN	LB2TB	OZ1HX	NW7E
SV1LK	EI6FR	164	N4GN	RU6M	SM6VR
UN9L	JA6VQA	GU4YOX	OH6RA	SM4EMO	W2XI
170	K6KO	HA7UW	VK3HJ	W0SZ	WE1P
DJ6TK	K8NK	HB9BZA	YU2TW	W1OX	ZS6EZ
JA6JPS	K9MBQ	JA1RTX	160	W2XL	154
JE3ENP	N0IJ	JA7ZP	AD5Q	W3GQ	3V8SF
JF1WPB	N3BNA	JH2SON	DK1WB	W4QN	GM3PPE
JM1GYQ	OH2BLD	K1NJ	DL1DA	157	HB9BUN
K6ZZ	PA3C	N5WA	IK0FUX	AA4H	JA8NFV
N4PY	RA1AOB	RA3ZH	IW2FND	AC6DD	JR3OEH
SP3GTS	RN9N	RN3OG	JA2EPW	DL6MRS	K0KVR
SV3KH	S51EC	W4DKS	JE2DZC	EA5BY	KR2Q
W9EVI	W1YW	W4NS*	JE2OVG	G3TQZ	NX8Y
WA3AFS	WA4LOX	WW3S	JF2XGF	JA1GHH	W1NA
169	WB0TEV	163	JR7MAZ	JH7IAJ	W5DNT
IK0PEA	WC5N	9A2JK	K3MSB	LY5A	YS1RR
JA1ADT	166	DJ9HX	K3RA	N5MOA	153
JE2LPC	4Z1UF	JE2LUN	NR4M	NE9Z	AJ9C
JR1IZM	DJ4SO	JH4CPC	RU6L	RU4UR	DF2RG
	HB9FMN	K7NN	UA0FZ	SM3PHM	

DL3ZA	RU3A	F5PAC	KR0P	WB8ZRV	K6KLY
G3TJW	S54A	G4FTC	N1CGP	WD9DZV	KF8DX
HL2CFY	SP7AWG	JH1QDB	N4GG		N4XP
IZ3ENH	SV9AHZ	K5VWW	NA5C	142	OH6NIO
JF1IRW	W7CT	LA6OP	RT0F	I5HOR	ON7DR
JR9OPJ	W7RH	N2WB	SM3DTR	JA2ATE	UN1L
K7SP	WA1Z	N5XZ		JH0BQX	VE6SV
K8VFX	WA2BCK	NE3F	144	JR7WFC	W0SEI
LZ1PM	WP4G	W5FKX	CU3EQ	K3PP	W4NU
N4TV		W9JJB	DL5CW	K4WZ	W7IV
N5TW	150		DL5KUA	K6EME	W8LWU
N8II	EA1AF	147	E70T	KK1W	WO2T
R9OK	IV3RAV	EA3GP	EI6IZ	LA9VFA	YL2MU
SM6CLU	JA1SVP	IV3VBM	GM3ITN	MM0SAJ	YO9FNP
SP5CCC	JA2NQG	JA1XQC	HB9BYQ	N2ZN	
UT5UY	K0RS	K7HP	I5MXX	N7QT	139
WB8BPU	K5TR	K8UT	IT9GSF	NA4D	DF7EE
	K7LV	KM1H	IV3DXW	NQ7R	DJ4XA
152	K8AJS	N1IBM	IZ4GWE	NY2NY	DL5EBE
EW2A	KU4XO	PC3T	JA3GN	OK1DO	DL8OH
JT1CO	N3QE	W1OP	JE1FQV	W2OO	DS1JFY
K9MK	N9CO	W2KKZ	K0VSH	W5LUA	JA1TMG
KQ4AV	OE8SPW		KJ9C	W5VQ	K3ANS
KS3F	SQ5EBM	146	LA9GX	WA5POK	K6AM
N9OY	SV1CNS	EU4A	N1IX		K8GI
S55ZZ	UA6YW	JA1HQQ	N3KK	141	K8RF
UA6IGI	W2/CT1GIF	JA4DHN	SM4OLL	AC9S	KA8SYV
UN7LZ	W6DAO	JA5XAE	SM5CLE	DL5MHQ	KU0A
UT5AB	WW2DX	JH1GNU	W4GE	EW1BA	LA8WG
VE6LB		K1CA	W5ADD	HB9FMT	OK1MP*
W1SKU	149	K5KV	W7ZI	JA1PTJ	SM5CBM
W1VT	DL7CX	K5SM	W8RLS	JA9RRH	SV8ZC
W6RLL	HB9HFN	K6NR	WC5M	JH1HHC	W0SD
W7AJ	IK4FNF	K7WP	WD5T	J11DCW	WA8WV
WB3CQM	JL1ARF	N7BT	YO3CD	JL1UXH	
	K3TN	RU0SN		JR2LJO	138
151	K4YYL	W1IZL	143	K2RW	DK8MCT
AA7G	K8ME	W1ZT	DL1DUO	N8OC	DK8YY
CU2AP	K8ROX		DL6EN	NJ3K	EI9FBB
DK2OY	R8TX	145	HS0ZEE	OE6VIE	F6DDR
EI9JF	SM6CUK	AF4HX	IT9BLB	SV3FUO	HB9RYZ
F3SG	UW7UA	HI3T	K7CMZ	W2CG	IK8EPC
HB9SLO	W0GG	I0JBL	K7CW	W3BW	JA3OOK
JA2VQF	W7HPW	IZ0RVI	N2RJ	W4JVN	JF3LOP
JA6BEE	WB8B	JE6TSP	N2WM	W4VIC	JH7RXU
JH1NYM	WD5K	JJ3HGJ	N5UW	W4WT	K1RO
JR1XIS	WS5W	JK1AJX	N6PAT	W8GNM	K2RET
K2AX	YO3DDZ	JN1BMX	N6PSE	W8HW	KJ6P
K2FW		K1OA	NN4R	ZS1C	LB5WB
KD0PO	148	K3VAT	OH1JP		ON6AA
N5JB	DK2CC	K4OY	W0IZ	140	OZ8X
OK1ATP	F5CQ	K8BL	W6QUV	9A1CAL	RW4CY
RD3A	F5LVL	KF6HI	WB8CQV	K5WK	UN7JID

V51B	K4ZRJ	RV4LC	N6RK	W8MET	SP7ASZ
W1GD	K7FL	UQ2PZ	ON4ON		W0CP
W2YE	K7XB	VE3WT	R0SR	128	W0RT
W4YV	NZ9R	W0NFL	R9MJ	AA4SC	W1OPD
W7OM	R7LP	W2QO	R9SA	DM2RM	W3BG
	RN3RQ	W5AJ	W8DCH	IT9ZZO	W3FOX
137	SM3LGO		ZS1A	JA2AHH	W3MF
EA1YO	SM5CZK	132		JA2KSP	XE1KK
GM3YOR	SP3XR	AA4NC	130	JA9AA	
HB9CQK	SV5DKL	AB9M	DF9ZW	JE1LFX	126
IZ2FOS	W1DIG	AD6W	E73M	JH4GJR	DJ8WD
JA3APU	W1EQ	IK3VBB	EI2JD	K0FF	DL9FCY
JA4OK	W2GD	IT9RDG	G7VJR	K3XA	F8BPN
JH4JNG	W4BUW	JA6CBG	HK0HEU	K4JAF	G4IUF
K2QMF	W4MBD	K6YUI	IK3XJP	K4SE	IZ7EVZ
K8NS	W4RFZ	K9ZM	JA2FBC	K6LPO	JA1XCZ
RA3CO	W6JTI	N6HY	JG1DUZ	KG7CW	JA7KY
RG7G	WE4S	OZ2RH	J14POR	KM4NS	JH3CUL
UU1JA		SM4BZH	K2MYR	N5KM	JJ1DWT
W1ITU	134	SM6BGG	K3NK	OH1ZK	JN1RQV
W5ODD	CT3HF	SP6M	K6SIK	OZ1IKY	K2ZD
WB5JID	IK4DCS	VE3CRG	K7LFY	R9SG	K4JKB
	JA7LGE	W4AXL	K8BCK	S53X	K4XU
136	K1TO	W4RBO	K9GL	S55DX	N8NA
E72U	K1ZN	W4WM	KO8SCA	SM3GQP	OE3SGU
ER0FEO	K3OX	W5SL	NA4EA	SV3DCX	OK3CQD
HB9IQB	KX4TT	W6DR	NO9E	US8UW	PA5TT
IK8CNT	N9MR*	W7AH	OZ2ABI	VQ9LA	VE3CX
JH4HMG	N9RS	W7CD	PY5EG	W2WC	VE7BV
K0TV	OE1TKW	W9FR	R3VA	W4IS	W8LMG
K4ZO	PY5HOT	WB3D	R5QA	W6RKC	W8MK
K7TM	RG6G	XE2S	R9AB	ZS6UT	W8REW
KR6C	RX4HW		RU1AO		W9ILY
NA5DX	SM0BYD	131	S51NM	127	WB0O
OK1DW	SP6JIU	DK7YY	TA1CM	CT3KN	WB2REM
SM5OJH	UA0ACG	G3UHU	VE3DO	HK1MW	WD4LBR
SP2BMX	W4JKC	HS1NGR	W2MPK	IK2SGB	YU1EXY
UT3UZ	YU1AM	IV3KFB	W9ZT	JA1DDH	
UW8SM		JA0AOO		JA1WLO	125
W2OIB	133	JA2TBS	129	JA8RJE	9A1AD
WB7QXU	9K2NO	JH4ADK	HA1RB	JA9KRO	AG1A
	EU1U	JJ1TEA	HB9AZZ	JH3AIU	GW3TMP
135	IZ8DFO	JM1FHL	JA1NWD	JS2LHI	HK4SAN
5B4MF	JA7GLB	K1UU	JA8JO	K0RW	IK5DNF
DJ9ZB	JA9AGN	K5VIP	K4TT	K3TRM	JA4IYL
F6FXU	JR6FC	K9DR	K6XM	KM3T	JA6VU
IK8GYS	JR7FRW	KC2LSD	LB7ZG	N1AC	JE1TSD
IU0HDC	K2CDJ	KH2L	N0YY	N1GC	JE6UWU
JA2KVD	KS4YT	KM3V	N2BJ	N9RD	JF2WXS
JA7LMZ	KU2A	KM4H	N3KS	OE8HIK	JH1AGU
JA8BNP	OE1KM	N3MK	N3RR	PA3EWP	K1HAP
JA8JL	ON4CAS	N4QWZ	W0YVA	SK7AX	K5KG
K1ZE	RA5BM	N5PHT	W7QHE	SP6A	K8DV

KA6BIM	K9CS	N0OK	US0YA	JN7DOS	UA6J
KI4WCQ	KV4T	N1JP	W0RX	K3WGR	UB3A
LZ1XL	N2ED	N3ND	W2YR	K4CNW	UR9IDX
N2KA	N4DWK	N4TL	W3OA	K5XM	US1CT
N3EN	N6MZ	N6HC	W4PRO	K7PI	W4ZRZ
N4JT	N9JV	SV1AHX	W6RFL	K8LN	W6SL
ND5S	N9LQ	SV1FKZ	W7RN	K8WVA	W8ZR
NW6S	NA2P	UQ1GWW	ZL4AS	KD2T	WA2USA
OE1AZS	NA9RB	UT4EO		KD6UO	
RA0BA	S50B	UU2JQ	119	KG8CW	116
UU7JM	UA3DK	VA3AYA	AA3AZ	KV4AA	AJ4F
VE3UTT	UR9QQ	W0QQ	AA4DD	LZ2HM	DL7URH
W5DAW	UT3QU	W2GG	AE3T	N2MM	EA5BRE
W9CG*	W1AO	W3RJW	AJ4A	N4DJ	HA7PF
WV4TN	W4NF	W6XI	DK3GG	N6MB	IK0EIE
YO2RR	W8NJR	W9XX	DL9OBY	PY2PA	IK2OHG
	XE1H	W9YE	EW4M	RN3TT	IT9TQH
124		WA1PMA	G4DJJ	SV9COL	IV3HYD
AA7XT	122	WT4Q	HB9AAQ	TA2RC	JA1WTI
AB1OC	BA4RF	WY1G	HB9BCI	W1KSZ	JE2EHP
J11DHY	G3NDC	XE1VIC	I2TZK	W4DAO	JH3GCN
KD4POJ	JA1MRM		I4MKN	W4NJ	K1DC
NA2U	K1BZ	120	IU0LFQ	W5JMW	K1RI
PA0TCA	K1ESE	9A5F	JA3AZD	W9FI	K9FN
UA0BA	K1YT	AA5JF	JA4XGC	WX3P	KT1V
VA7CRZ	K2MP	AC9EM	JE2JMV	YO4AUL	KV1J
VE1DUN	K7ZA	AL7TC	JH6CDI		NA9Q
W2JU	LA7WCA	DL2VWR	K3FRK	117	OZ1LCG
W2RIJ	LA8PT	FG5FR	K5UZ	9Y4VU	PA0JSE
W3FM	N3NR	HB9BLQ	K7EG	AE0P	RV3ID
W6CYX	N9AW	IZ0LKV	K8KWT	BH4IGO	TZ4AM
WB8K	NN7X	IZ5NFD	K9SG	DL1DWT	UA4PCM
	OZ3Y	JA4EPE	N0KV	G3PLP	W1ENE
123	RD4A	JR3UIC	N9UA	IT9DAA	W1WEF
AC4TO	UU4JMG	JR6LLN	NT2A	JA1HQT	W7GG
DL7JRD	VE6AX	K2BA	NY7T	JA4FM	W7OEV
F4GTB	VK4CAG	K2HK	OH5NG	JA5FDJ	W8LRO
G4WFQ	W2TB	K3QIA	OK1DT	JA7GYP	WQ5L
G5LP	WA3I	K5JC	R6FFB	JA7IC	
HB0WR	WA7BNG	K6FW	SV1ACK	JM3GXU	115
IK2CHZ		KA8ZPE	VE3YF	JR2UBS	C6AGU
JA0CRG	121	N4BAF	W4HZ	K2BB	CU2CE
JA1SJV	AA6RR	N4LR	W8FIB	K3NF	DL9GOA
JA3MHA	AA8CH	N4TB	WC2K	K6PJ	G4XEE
JA6WJL	DF1DB	N4UFP	WP3R	K8OOK	G8BCG
J14WAO	DK1EI	N8PW	XE1RCS	K8QM	G8DX
JK1EXO	DK6CQ	OE3EVA		N4IR	HA5UK
JR1EBE	EI2GLB	OZ2A	118	N8AA	HK3PJ
K2PK	HB9DHG	PZ5RA	5T5PA	N8XI	IW0HEX
K3XO	IT9AAI	RL3BZ	AB2E	NY4G	IZ7JVR
K4ZIN	JA2HYD	SP7ITB	DL5OCE	OZ5HP	JA2KNW
K5GH	KD8RQE	SV1IW	JA4FHE	SM7BIC	JA3NHL
K7UT	KG9Z	UR5IKN	J18DGO	SP8HKT	JG3LGD

JH1RFM	UA3FT	WB2HJV	WA8OLN	YO6HOY	EA3GHZ
K0GD	W0VX	WB2UFF	WT9U		EU4T
K0SD	W3MR	WS4C	ZP6CW	110	F8EZE
K4CMS	W4TUN	XE1RBV		BA4MY	G3SVD
K4GHS	WA1FCN	ZL1BYZ	111	DL1VDL	HI8R
K4GK	WA4CEM		9K2OD	EA5BYP	JA2CXF
K8YTO	WA8MCD	112	AA4U	F5BAR	K2ONP
LY4T	WA9YYY	A92IO	AF4OX	G3LNS	K4RDU
N0IRM	WN9O	DJ1RL	CU3AN	G8AJM	K5FZ
N4OA	XE3ARV	DK5RL	DG7RO	HC1BI	K5KA
N5BO		DL5CL	DK2WH	I2BBJ	K5KPE
N8KOL	113	EA1JO	DK6ED	IK5RUN	K6MW
OH8LXT	9A1A	EI8IU	DL1HRN	IK8UHA	KE1F
PA3AXU	DJ5DT	EW1DO	EV1R	IZ0CKJ	KZ5DX
RZ6MJ	DJ9RR	G3XGC	F6ECI	J68HZ	N1BZ
UA1ANA	DL8CM	HB9CEX	G4DBN	JA7EPO	N2WLG
UA1CGS	DL8DYL	HB9CRV	HL3GOB	JE2UFF	N7TY
UA6XT	G4AFJ	HB9G	JA1AUD	JH1VHU	N8NN
UN6T	HB9EFK	IK2ANI	JA1FGB	K2BLA	ND4V
W4UCK	JA0GCI	IU8FRE	JA1NCZ	K3JRR	NN4RR
W5VY	JA4ITW	IZ4DIW	JE8TGI	K3PH	NU4I
YL2CZ	JH1ORA	JA1SXR	JF2WGN	K4WW	NX7U
	K0TPP	JA4BXL	K0FLY	K6MI	PY5CC
114	K8SL	JA7BXS	K5WAF	K6VKO	RW4UU
AB4GE	K9GWH	JR7TEQ	K7ORK	KB4MRX	RW9QA
BA4DW	KA4RRU	K0JPL	K9AJ	KC2STA	RX3AGD
BA7IO	KH6DX	K1EDG	KM1R	N2CG	TG9NX
CT3FN	KI0G	K1EO	KP4AA	N3HBX	UB5ZAL
CU3AK	KT1J	K1KO	KZ0X	N3IQ	UT7KF
DL6NB	N6PE	K4UAS	LA0CX	N3JB	VU2CPL
F6CWA	N7KO	K8CC	N4WJ	N4KE	W5WP
G3SDL	N9ISN	KB2FCV	N7BD	NC6K	WB5TUF
HP3TA	NA3F	KI4DLS	N9HF	NK7C	WN0L
I5OYY	NG0G	KM1C	NA1DX	NY4I	YV3AGT
IK7YZG	NI5F	LA8HGA	UR6QA	RD9M	
JA1OVD	NK5B	N5ZC	UT1UY	SM5BHW	108
JA4KDT	ON5UE	N6MA	VE6KC	SP9WZS	AI2Q
JA5WIZ	R7NA	RU4SU	VE7CT	SV1VS	AL7R
JH6WMJ	RA4UN	SM3DMP	VE7UF	UA3O	DL6CNG
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K2DC	SM5ARL	UA1CEI	W1FO	W0UY	G3VAO
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K3OSX	SV2AVP	W1HEO	W5AQ	W4NE	IK0PRG
K5CD	UN7TW	W2CVW	W7VS	W5ZPA	IZ0BTV
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KB8U	W2GW	W3UL	W8MIL	WL7E	JA2MOG
KZ4V	W6BK	W4VHF	W9RB	XE1FAS	JJ2PIK
N1QY	W8FAX	W5VX	WA2BOT	YU7AU	JK1MZT
N2JJ	W9DX	W6TC	WA2MUA	ZL3NW	K1EP
N3MN	W9HBH	W8GEX	WB4TDH		K1XM
N4IQ	W9VNE	W8HMK	WB9EEE	109	K2CJ
NU8Z	WA4DOU	W9SE	YL3DQ	DF1KG	K2KQ

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K4YJ	K1TZQ	JA2MNB	DF8AA	VY2ZM	N6PF
K6UT	K3SW	JE6IGP	DJ3XD	W1LE	N6WM
K8OM	K3YBN	JG3HBO	DJ6KH	W1LY	N8MZ
KM8AM	K4MS	JG5RVQ	DL4ZAB	W1MRH	N9DR
KN4JX	K4SAF	JH2KKW	DL6XK	W4OWY	N9PGG
LU2DKT	K8LBT	JH6PFY	DO1CTL	W6FF	NJ9C
LZ3YY	K8ZR	JJ0NCC	ES1GO	WQ5W	NN3Q
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N6RFM	KE2R	K0DEW	HA8FW	104	PA0GMM
N9SF	KZ1W	K1PX	JA1BWA	9M2AX	RA1QX
N9TF	N2RR	K4DSE	JA1TAA	AD1C	RU3UR
NU4Y	N3DAP	K5AM	JA4EVN	AG4Q	RZ6DX
PA0ZH	N4RF	K5ZQ	JA6VA	AH0U	RZ6LB
R5FY	N6EE	K8JJC	JA7BME	CP8HD	SM5CCE
R7LA	N8AGU	KD9HL	JA8RRF	CX3CE	SM7CQY
RX6DX	NA5Q	KK8X	JA9APM	DK3BK	SO5AS
S57J	OE1CP	KK9H	JF1RYU	DL4FAP	UA9FGJ
SM6AOU	OK2BUZ	KQ3F	JF2VAX	DL7UPN	US5CAO
UX7UN	OK3CQR	N0JZ	JO4CFV	E73D	UT4EK
UZ6LWZ	R0FA	N2CW	K1DJ	EA8ZS	UT7EC
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W4ZYT	SP3BQD	N8AID	K6DJ	F8GB	VE3VHB
W7ACD	SP6AXW	NA5Z	K7OX	G3BRD	W0YBS
WA2ALY	US5CB	NI5M	K7PO	HB9CIP	W1QA
WA8MOA	VE3OI	NS3L	K9RO	HK3O	W3DRY
WB8BZK	VK3NX	OE5CSP	KI5T	IK0DWN	W3TMZ
WC1M	W3KB	OH2OT	KT2E	JA1SDV	W5CWQ
WC6DX	W4MAY	OK1AYU	KX2A	JA2FGL	W5GJ
WD9EQU	W6TDX	OK2BVG	LZ1JZ	JF1EGO	W5ZO
WW1WW	W8IW	S57AL	N2DPF	JF6WTY	W6PH
107	W8VK	UR3CRO	N4JI	JK1BSM	W7DR
4Z5LA	W9CPV	UT7UU	N4NW	JO1WXO	WA0I
DJ8ES	WA0RVK	UU5WW	N4PL	K0WK	WA9ETW
DK3FB	WB6CJT	V73AZ	N4SC	K1BG	YC0LOW
DL1QQ	WB8ART	VQ9SS	N4VN	K3FM	YO5ODE
DL2CHN	WS1L	W1CWU	N6NU	K4KEW	103
DL5XU	XE2YWH	W2EQ	N7DR	K4MF	AG1I
DO4DXA	YL1XZ	W2LE	ND3L	K4VIG	AI3Q
EA5AT	ZL3RJ	W2NO	ON7PQ	K5HK	DJ1MM
EA7QW	106	W3ICM	OZ4AAL	K6UM	DJ3GZ
FG8OJ	AA4FL	W4IR	PF7M	K7TJR	DJ7PI
G4AKY	AE2U	W5JAY	PJ2/K8ND	K9EA	DL2HX
G4RGK	DJ6OZ	W5KI	PY2DS	KA2BZS	DL8YRM
I5IHE	DL2NOM	W8OP	R6YY	KH6KG/W5	DM5TI
IT9XTP	DL3JSW	WA4MYO	RA6AF	KI0KB	DS3HWS
JA5EY	DL6JZ	WA6TLA	RD4WM	KW0A	EA7SG
JA6OXT	EA3CCN	YL2GN	SP5JXK	LZ2XF	EU6MM
JA8JTH	HA8DZ	YU3EF	UA6LCN	N3ER	EW3LB
JH9DRL	IK0ZIO		UR1RWX	N3TR	G3BDQ
			UR2RGN		

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G4VGO	W5THT	R3IS	JA2VMU	RY6M	EI3ISB
I0OSI	W5VU	RU3UN	JA6TMU	SM2DMU	ES5NC
JA1JAT	W6SZN	S59DJK	JA7SFD	SM7NDX	FM5GU
JA2GQO	YO7APA	SM6WET	JF1RPZ	SP7JLH	G0VXE
JA2OLJ		SP5MXZ	JH3HGH	SV1PL	G3OIL
JA3FHL	102	T77V	JH3PRR	UA0FDX	G4CGG
JA8EJO	A6/RV6LNA	UA1AIR	JH7BKN	UG6GAW	GM3ZSP
JE1SYN	CT4BD	UA1CKC	J13KDH	UR7CQ	I2VGW
JH1DGQ	DK3QM	UA6HOF	K0LW	UT1CC	IK0HFO
JM2RUV	DL3DXX	UA9MR	K1YR	UT4IS	IK4MSV
K0EOO	DL3NCR	UA9UCO	K2BX	UT7HA	IS0/YO3RA
K2UVV	DL4CW	UW7CN	K2TER	VE2OJ	IW0BYL
K4LQ	DL4KUG	VE2FYR	K3SEW	VE3XB	IW0HQE
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K8CCV	EI4DQ	W1PV	K6AAW	W1GF	JA1ILA
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K9XJ	ES5RW	W2TX	K7AR	W3WH	JA5DQH
KE1IU	F6BWO	W3EKT	K7IA	W4BUE	JA9CGW
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KJ7WY	HB9AHL	W5TO	K9JU	W5RF	JS6TWW
KM9E	I8LWL	W7IUW	K9PG	W7AV	K0LB
LX1DA	IT9SFT	WA0IDK	KC4PX	W7CB	K0XM
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NU1T	K0YN	WW5G	KF7NN	WA3EKL	K2CYE
OH3GD	K1PTF	YO2CMI	KN6J	WB3HLH	K3TZV
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RK3QY	K7UA	AC5O	N8AG		K8CS
RU3OW	K8BHZ	CT1JGA	N9JCS	100	K8LE
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SM6EHY	KN4KL	DH2FW	NX2X	A41ZZ	KB0EL
SM7BHH	KW4BY	DK9WI	OA4TT	AA4AK	KC0V
UA3PFN	KY6R	DL1KS	OE3WQB	AB4VV	KC4D
US2WU	LA3ANA	DL3ANK	OH3TY	AC4VM	KC5LT
UT2AB	LA6UL	DL5JS	OK1PGF	AI2S	KD8BZY
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VA3IC	NZ3M	EA1WX	OK3EY	DL1TPY	KQ5M
VE3EDY	OH2EA	EU1TT	OK4MM	DL1TRK	LA8W
VE3MFA	OK1DTN	G3ZFC	ON4LG	DL9GTB	LU5OM
VE3VV	OK1JDX	G4FJK	PA4WM	DU7ET	LU5YF
W0QC	OK3CSQ	GM3WTA	RA3AH	EA1CP	MM0SJH
W0UVC	PA7TWO	HB9NL	RA4P	EA2AAZ	N0AH
W1CTN	PV8ABC	IV3GOW	RA4SD	EA3ALD	N0ATQ

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N1MD	VR2PX
N2SG	W0GYH
N2XQM	W0MU
N3AF	W1AN
N4CRI	W1YRC
N4ZR	W2CCC
N7DED	W3BBO
N7TK	W4HHN
N8IL	W4OEP
N8NB	W4OV
N8OQ	W5BK
N9ADG	W7DT
NA6O	W7JET
NB3R	W8CNL
NG7A	W8FN
NJ3I	W8GDQ
NN4SS	WB4SON
OE5JDL	WU2M
OK1DXD	YB1TJ
OK2PAZ	YL2SM
ON4ANN	YO9FLD
ON7EH	ZP9MCE
ON7GB	ZS2DL
ON9CC	
OZ1ZD	
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PA7RA	
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R9JX	
RA3SD	
RA4LW	
RA6XB	
RC2A	
RN1A	
RT5A	
RU3GF	
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S59SV	
SM0CXU	
SV1VJ	
SV2DSJ	
TI5CDA	
UA3AKI	
UA4PAY	
UA6CEY	
UN6P	
UR4CW	
UR4LRG	
UR8IDX	
VE1RGB	
VE3OAT	
VE7JKZ	