

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 16 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	NN4T UA6A	299 K4TEA N1BUG SV1FJA UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 K5RK N1DG OH3SR W2VO	310 I4AVG RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM0GAV SM3GSK	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
340 K1ZM	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR	309 I4EWH	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	297 DK5PR N4CC OM2XW W0FLS
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK	295 K3UA
334 N4WW	321 WB9Z	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF	294 DL1AMQ JH2FXK LA5HE N0TB
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW N4IS		
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR				
330 AA1K HA0DU OH1XX R4GM	318 4X4DK W9ZR				
329 K3UL UA4HBW					

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	K4IQJ SP6AEG UW2ZM	W1MK	SP1S
293 JH4UYB S58T			274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX	260 K1LT K4DY UT9FJ
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W8TE W8XD	259 DF4PL F6GCP G3ZSS I1FQH R9FM
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ UR5WA	279 IK4DRY JR7VHZ KG4W N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR W1GL YO5BRZ	258 KW9A N2NL RN3CT VE3QAA
290 UA3AKO UT1UY	284 K5XI SP3DV UX1AA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK		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 KY7M 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 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	254 I1EIS N0AT OM3DX WA4FFW
			268 DL5DSM G3WPH K8PT RA3XDX	261 9A4T DL9YX K2EK K5KC N6SS NO8D	

253 5B4AGN AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	R7IA WA7NS WB3AVN YO9HP	N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK WA7NB	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 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	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 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 OK1CF 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 KA9CFD				

SM0CCM	UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	LA7HJA 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 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	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC	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 K9YY LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
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	205 F6EXV I4KDJ JA3AAW KA9FOX W8UN WB8ZRL		197 G3SNN JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS XE2X
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	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	CT1FMX	K5KLA	179	SM5FUG
JA3RAR		JA1KQX	KB4ET	IT9ELD	W4BP
K8PO	192	KB0EO	N9RC	IW0SAF	W4GD
KP2A	9A2NA	KB1EFS	S57AC	JA9NLE	YO7NE
ND0N	JA7JWF	KE9ET	US8UA	JR7BDQ	
RA9CMO	JH1RFR	KL0S	UT2UB	K0TT	175
RZ4FO	K3FN	N8LJ	W2YJ	K8WK	JA1CHN
W2FCR	K4FJ	RM0F		N2PK	JH2QMT
W4UM	K5XX	SM0NJO	183	OK1MG	JS3CTQ
	K7GM	W1YM	IT9INO	S57UN	K4DLI
195	K9EU	W6SR	K4CN	SM4DDE	K5GKC
EA3JL	KF7PG	W8JV	K8RRT	SV3FUP	LA5LJA
EA5RM	N4DB	WA6YEE	K8VC	W8KEN	N7IR
G3ZEM	OH2IS		N9MB		N7XR
JA0EOK	W3UA	187	NN2L	178	PE1L
JA1EOD	W3YQ	AJ1H	ON6SAS	4Z5CX	SP1MGM
JH1QAX	W8LGJ	JA8DNV	W2FP	EA3CJ	TF3SG
JN7FAH		K0SR	W8NW	JA4MRL	VE3FF
K3PA	191	K6SRZ		K2UR	W8HC
K7SO	CT3MD	KN5O	182	NE0U	WX0V
K9RT	JA1ANR	LA0FA	DJ9ON	SM7DLK	
KF8UN	K0BBC	N2NS	DK3UA	SV1JG	174
N1SV	K0JGH	OK1CZ	HK3W	W6NWS	4Z5MU
W5ZG	K8FC	SP3FAR	JA1SHE	W7MEM	JA0GJJ
W9OP	K9LA	W7AWA	JA3ENN	ZS1LS	JA1PPW
	NE1B		N3OC		JA2XW
194	RK2FWA	186	UR3EO	177	JA7MOL
JA1XEC	WE9R	9A8A		9H1SP	JF7DZA
K4KDX		IK2QPR	181	AE5E	JK1OPL
K9JF	190	K0BJ	DK3WW	CT1GFK	JR6PGB
KB9LIE	IZ8XQC	K7LAY	JA2BDR	IK4ADE	K1KI
LA7AFA	JA1DUH	YL2TW	JA9TWN	JL1SAM	K2KA
SM7GIB	JA1MCU		JN4MMO	K3WC	K3AJ
W2LO	K2TE	185	K2EP	K4RG	K4TR
W4FC	K9KU	AB6QM	LZ2ZG	K9NU	K4WS
WD8JJA	KM1D	CT1EAV	VE3OSZ	SM6DHU	N1EN
WN6W	N4XU	EA6BF	W9AJ	W2OR	OE1WHC
	N5GH	G3KWK		W5LT	RN7F
193	SP2LNW	IK3SWB	180	W7FI	UA3LNM
CT1IUA	VE7VV	JA2LCP	CT1FPQ	WB7B	W8UV
DF2GH		K5ZD	DM2DXA		W8VVG
DK1FW	189	LA3WAA	DM3VL	176	WT8C
DL5ZB	9A2F	N4TJ	EA8JF	EU1AB	
DL6ZXG	AA1ON	N5UR	JE2URF	G0BLB	173
EA3WD	EA8PP	OE2BZL	K6SSS	I6FLD	5B4ALJ
HA5BSW	FM5CD	SV1DPI	K7BG	JA0DET	I1JQJ
K4ODL	JA0VSH	UA9CBO	LA9AJA	JA5IU	JG0CQK
N5LZ	SP7HOV		N1RR	JA6BJV	K1NTR
N9EN	UA7T	184	N4AH	JA8KSF	K4XR
PA0LOU	WA3C	HA5WA	ON5FP	K8MN	K9YC
RN1ON		JA2ZL	W1RM	N5OK	KA1J
UA0CA	188	JF1NZW	W7BEM	OK1DWC	N5FG
W9MU	AB4IQ	K4HGX	W8TN	RL3FA	PY5EW

UN9L	N4XX	JA1FNA	K8TL	UX5UO	SM3PHM
W3IP	N7US	JA9LJS	OK2QA	W1BR	SV8ZS
172	UT8MM	K1KA	UR4CWQ	W5XC	W2TA
EA7TV	UY5AA	K3KY	VE3CFK	W9RN	W5GZ
G3NKC	W6RW	K4JLD	W7AL	WX0B	WS7L
IZ5MOQ	W7YAQ	K4PB	162	159	YV2IF
JA3FGJ	WB3JFS	K4WA	4O3A	JA4FKX	156
JG3IWL	168	K4ZYU	9A4W	JH6QFJ	AB9V
K0DEQ	G3MXJ	RM3DA	F3AT	JL1RUC	IZ8IEV
K1BD	IK2EGL	W0DJC	HB9TKS	K4RO	JE3GRQ
K6FG	JE7JDL	W1RR	IZ4DPV	OK2ZV	JO7HAM
KJ0M	JF2UPM	W8ILC	JA6GIJ	UN7JX	K0QC
VE6WQ	K4XD	WA8TXT	JR5JAQ	W3HKK	K8YSE
W3JX	K5QY	165	LB6KC	W6BJH	KS1J
W4FQT	K8RYU	DL7UCX	N8MR	W7SX	N3RC
WA9PIE	KR4F	F6HDH	RW3RN	WD5BJT	N3UA
WC4X	N4QQ	I2ZGC	W0HT	158	N7WS
171	N8BJQ	IK0AGU	W0TT	AA6AA	OE5RLM
AA9D	PA7F	JE7RJS	W1LW	DJ4PT	UA3SAQ
DL6KR	SP5GH	JH7CFX	W8WEJ	DL1FKA	VA3LX
G0EHO	SV2AEL	K5JZ	161	G4GIR	W1YIF
HA9PP	W4SVO	KK4CB	DK2GZ	IT9DSZ	W4TV
JA6HUG	W6VX	N4HB	DL6RAI	JA9APS	155
JR1TNE	W8OI	N9FN	HB9DHK	JH1TWT	CT1FCX
K1NU	WA0MHJ	NY0V	JA1DOF	J11FXS	DL1RK
KI5BLU	WA5YNB	RC9F	JH4ALY	J11NJC	DL4SZB
N0RN	167	SM4CTT	K1USA	JR1GJP	HB0CC
N4OGW	DK5AD	SP6EQZ	K5GO	K5TT	K2LS
N7RO	EC3A	W5BN	K8ND	K9GA	NE0DX
RA3DNC	EI6FR	164	LB2TB	OZ1HX	NW7E
SV1LK	JA6VQA	GU4YOX	N4GN	RU6M	SM6VR
170	K6KO	HA7UW	OH6RA	SM4EMO	W2XI
DJ6TK	K8NK	HB9BZA	VK3HJ	W0SZ	WE1P
JA6JPS	K9MBQ	JA1RTX	YU2TW	W1OX	WS5W
JE3ENP	N0IJ	JA7ZP	160	W2XL	ZS6EZ
JF1WPB	N3BNA	JH2SON	AD5Q	W3GQ	154
JM1GYQ	OH2BLD	K1NJ	DK1WB	W4QN	3V8SF
K6ZZ	PA3C	N5WA	DL1DA	157	GM3PPE
N4PY	RA1AOB	RA3ZH	IK0FUX	AA4H	HB9BUN
SP3GTS	RN9N	RN3OG	IW2FND	AC6DD	JA8NFV
SV3KH	S51EC	W4DKS	JA2EPW	DL4MM	JR3OEH
W9EVI	W1YW	W4NS*	JE2DZC	DL6MRS	K0KVR
WA3AFS	WA4LOX	WP4G	JE2OVG	EA5BY	KR2Q
169	WB0TEV	WW3S	JF2XGF	G3TQZ	NX8Y
IK0PEA	WC5N	163	JR7MAZ	JA1GHH	SV1CNS
JA1ADT	166	9A2JK	K3MSB	JH7IAJ	W1NA
JE2LPC	4Z1UF	DJ9HX	K3RA	LY5A	W5DNT
JR1IZM	DJ4SO	JE2LUN	NR4M	N5MOA	YS1RR
K1LI	HB9FMN	JH4CPC	RU6L	NE9Z	
	IV3TDM	K7NN	UA0FZ	RU4UR	

153	N2ZN	F5CQ	KF6HI	WB8CQV	HB9RYZ
AJ9C	N5JB	F5LVL	KR0P	WB8ZRV	JA4OK
DF2RG	OK1ATP	F5PAC	N1CGP	WD9DZV	K5WK
DL3ZA	RD3A	G4FTC	N4GG		K6KLY
G3TJW	RU3A	JH1QDB	N6PSE	142	KF8DX
HL2CFY	S54A	K5VWW	NA5C	I5HOR	N4XP
IZ3ENH	SP7AWG	LA6OP	RT0F	JA2ATE	OH6NIO
JF1IRW	SV9AHZ	N2WB	SM3DTR	JH0BQX	ON7DR
JR9OPJ	W7CT	N5XZ		JR7WFC	UN1L
K7SP	W7RH	NE3F	144	K3PP	VE6SV
K8VFX	WA1Z	W5FKX	CU3EQ	K4WZ	W0SEI
LZ1PM	WA2BCK	W9JJB	DL5CW	K6EME	W4NU
N4TV			DL5KUA	KK1W	W7IV
N5TW	150	147	E70T	LA9VFA	W8LWU
N8II	EA1AF	EA3GP	EI6IZ	MM0SAJ	WO2T
R9OK	IV3RAV	IV3VBM	GM3ITN	N7QT	YL2MU
SM6CLU	JA1SVP	JA1XQC	HB9BYQ	NA4D	YO9FNP
SP5CCC	JA2NQG	JN1BMX	I5MXX	NQ7R	
UT5UY	K0RS	K7HP	IT9GSF	NY2NY	139
WB8BPU	K5TR	K8UT	IV3DXW	OK1DO	DF7EE
	K7LV	KM1H	IZ4GWE	W2OO	DJ4XA
152	K8AJS	N1IBM	JA3GN	W5LUA	DL5EBE
EW2A	KU4XO	PC3T	JE1FQV	W5VQ	DL8OH
JT1CO	N3QE	W1OP	K0VSH	WA5POK	DS1JFY
K9MK	N9CO	W2KKZ	KJ9C		JA1TMG
KQ4AV	OE8SPW		LA9GX	141	K3ANS
KS3F	SQ5EBM	146	N1IX	AC9S	K6AM
N9OY	UA6YW	EU4A	N3KK	DL5MHQ	K8GI
S55ZZ	W2/CT1GIF	JA1HQG	OH1JP	EW1BA	K8RF
UA6IGI	W6DAO	JA4DHN	SM4OLL	HB9FMT	KA8SYV
UN7LZ	WW2DX	JA5XAE	SM5CLE	JA1PTJ	KU0A
UT5AB		JH1GNU	W4GE	JA9RRH	LA8WG
VE6LB	149	K1CA	W5ADD	JH1HHC	OK1MP*
W1SKU	DL7CX	K5KV	W7ZI	JH4JNG	SM5CBM
W1VT	HB9HFN	K5SM	W8RLS	J11DCW	SV8ZC
W6RLL	I0JBL	K6NR	WC5M	JL1UXH	W0SD
W7AJ	IK4FNF	K7WP	WD5T	JR2LJO	WA8WV
WB3CQM	JL1ARF	N7BT	YO3CD	K2RW	
	K3TN	RU0SN		N8OC	138
151	K4YYL	W1IZL	143	NJ3K	DK8MCT
AA7G	K8ME	W1ZT	DL1DUO	OE6VIE	DK8YY
CU2AP	K8ROX		DL6EN	SV3FUO	EI9FBB
DK2OY	R8TX	145	HS0ZEE	W2CG	F6DDR
EI9JF	SM6CUK	AF4HX	IT9BLB	W3BW	IK8EPC
F3SG	UW7UA	HI3T	K7CMZ	W4JVN	JA3OOK
HB9SLO	W0GG	IZ0RVI	K7CW	W4VIC	JF3LOP
JA2VQF	W7HPW	JE6TSP	N2RJ	W4WT	JH7RXU
JA6BEE	WB8B	JJ3HGJ	N2WM	W8GNM	K1RO
JH1NYM	WD5K	JK1AJX	N5UW	W8HW	K2RET
JR1XIS	YO3DDZ	K1OA	N6PAT	ZS1C	KJ6P
K2AX		K3VAT	NN4R		LB5WB
K2FW	148	K4OY	W0IZ	140	ON6AA
KD0PO	DK2CC	K8BL	W6QUV	9A1CAL	OZ8X

RW4CY	K4ZRJ	ON4CAS	N4QWZ	W7QHE	SP6A
UN7JID	K7FL	RA5BM	N5PHT	W8MET	SP7ASZ
V51B	K7XB	RV4LC	N6RK		W0CP
W1GD	NZ9R	UQ2PZ	ON4ON	128	W0RT
W2YE	R7LP	VE3WT	PY5EG	AA4SC	W1OPD
W4YV	RN3RQ	W0NFL	R0SR	DM2RM	W3BG
W7OM	SM3LGO	W2QO	R9MJ	IK2SGB	W3FOX
	SM5CZK	W5AJ	R9SA	IT9ZZO	W3MF
137	SP3XR		W8DCH	JA2AHH	XE1KK
EA1YO	SV5DKL	132	ZS1A	JA2KSP	
GM3YOR	W1DIG	AA4NC		JA9AA	126
HB9CQK	W1EQ	AB9M	130	JE1LFX	AC9EM
IZ2FOS	W2GD	AD6W	DF9ZW	JH4GJR	DJ8WD
JA3APU	W4BUW	IK3VBB	E73M	K0FF	DL9FCY
K2QMF	W4MBD	IT9RDG	EI2JD	K3XA	F8BPN
K8NS	W4RFZ	JA6CBG	G7VJR	K4JAF	G4IUF
RA3CO	W6JTI	K6YUI	HK0HEU	K4SE	IZ7EVZ
RG7G	WE4S	K9ZM	IK3XJP	K6LPO	JA1XCZ
UU1JA		N6HY	JA2FBC	KG7CW	JA7KY
W1ITU	134	OZ2RH	JG1DUZ	KM4NS	JH3CUL
W5ODD	CT3HF	SM4BZH	J14POR	N5KM	JJ1DWT
WB5JID	HA1RB	SM6BGG	K2MYR	OH1ZK	JN1RQV
	IK4DCS	SP6M	K3NK	OZ1IKY	K2ZD
136	JA7LGE	VE3CRG	K6SIK	R9SG	K4JKB
E72U	K1TO	W4AXL	K7LFY	S53X	K4XU
ER0FEO	K1ZN	W4RBO	K8BCK	S55DX	N8NA
HB9IQB	K3OX	W4WM	K9GL	SM3GQP	OE3SGU
IK8CNT	KX4TT	W5SL	KO8SCA	SV3DCX	OK3CQD
JH4HMG	N9MR*	W6DR	NA4EA	US8UW	PA5TT
K0TV	N9RS	W7AH	NO9E	VQ9LA	VE3CX
K4ZO	OE1TKW	W7CD	OZ2ABI	W2WC	VE7BV
K7TM	PY5HOT	W9FR	R3VA	W4IS	W8LMG
KR6C	RG6G	WB3D	R5QA	W6RKC	W8MK
NA5DX	RX4HW	XE2S	R9AB	ZS6UT	W8REW
OK1DW	SM0BYD		RU1AO		W9ILY
SM5OJH	SP6JIU	131	S51NM	127	WB0O
SP2BMX	UA0ACG	DK7YY	TA1CM	CT3KN	WB2REM
UT3UZ	W4JKC	G3UHU	VE3DO	HK1MW	WD4LBR
UW8SM	YU1AM	HS1NGR	W2MPK	JA1DDH	YU1EXY
W2OIB		IV3KFB	W9ZT	JA1WLO	
WB7QXU	133	JA0AOO		JA8RJE	125
	9K2NO	JA2TBS	129	JA9KRO	9A1AD
135	EU1U	JH4ADK	HB9AZZ	JH3AIU	AG1A
5B4MF	IK5DNF	JJ1TEA	JA1NWD	JS2LHI	GW3TMP
DJ9ZB	IZ8DFO	JM1FHL	JA8JO	K0RW	HK4SAN
F6FXU	JA7GLB	K1UU	K4TT	K3TRM	JA4IYL
IK8GYS	JA9AGN	K5VIP	K6XM	KM3T	JA6VU
IU0HDC	JR6FC	K9DR	LB7ZG	N1AC	JE1TSD
JA2KVD	JR7FRW	KC2LSD	N0YY	N1GC	JE6UWU
JA7LMZ	K2CDJ	KH2L	N2BJ	N9RD	JF2WXS
JA8BNP	KS4YT	KM3V	N3KS	OE8HIK	JH1AGU
JA8JL	KU2A	KM4H	N3RR	PA3EWP	K1HAP
K1ZE	OE1KM	N3MK	W0YVA	SK7AX	K5KG

K8DV	K7UT	KG9Z	US0YA	JN7DOS	SP8HKT
KA6BIM	K9CS	N0OK	W0RX	K3WGR	UA6J
KI4WCQ	KV4T	N1JP	W2YR	K4CNW	UB3A
LZ1XL	N2ED	N3ND	W3OA	K5XM	UR9IDX
N2KA	N4DWK	N4TL	W4PRO	K7PI	US1CT
N3EN	N6MZ	N6HC	W6RFL	K8LN	W4ZRZ
N4JT	N9JV	SV1AHX	W7RN	K8WVA	W6SL
ND5S	N9LQ	SV1FKZ	WP3R	K9GWH	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	AL7TC	JE2JMV	YO4AUL	KV1J
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W3FM	N3NR	IZ0LKV	K7EG	AE0P	RV3ID
W6CYX	N9AW	IZ5NFD	K8KWT	BH4IGO	TZ4AM
WB8K	NN7X	JA4EPE	K9SG	DL1DWT	UA4PCM
	OZ3Y	JR3UIC	N0KV	G3PLP	W1ENE
123	RD4A	JR6LLN	N9UA	IT9DAA	W1WEF
AC4TO	UU4JMG	K2BA	NT2A	JA1HQT	W7GG
DL7JRD	VE6AX	K2HK	NY7T	JA4FM	W7OEV
F4GTB	VK4CAG	K3QIA	OH5NG	JA5FDJ	W8LRO
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G5LP	WA3I	K6FW	R6FFB	JA7IC	
HB0WR	WA7BNG	KA8ZPE	SV1ACK	JM3GXU	115
IK2CHZ		N4BAF	VE3YF	JR2UBS	C6AGU
JA0CRG	121	N4LR	W4HZ	K2BB	CU2CE
JA1SJV	AA6RR	N4TB	W8FIB	K3NF	DL9GOA
JA3MHA	AA8CH	N4UFP	WC2K	K6PJ	G4XEE
JA6WJL	DF1DB	N8PW	XE1RCS	K8OOK	G8BCG
J14WAO	DK1EI	OE3EVA		K8QM	G8DX
JK1EXO	DK6CQ	OZ2A	118	N4IR	HA5UK
JR1EBE	EI2GLB	PZ5RA	5T5PA	N8AA	HK3PJ
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K4ZIN	JA2HYD	SV1IW	JA4FHE	OZ5HP	JA2KNW
K5GH	KD8RQE	UR5IKN	J18DGO	SM7BIC	JA3NHL

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JH1RFM	NU8Z	WA4DOU	W8HMK	YL3DQ	DF1KG
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K0SD	W0VX	WB2UFF	WA8OLN		EU4T
K4CMS	W3MR	WS4C	WT9U	110	F8EZE
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K4GK	WA1FCN	ZL1BYZ		DL1VDL	HI8R
K8YTO	WA4CEM		111	EA5BYP	IW0HQE
KZ5DX	WA8MCD	112	9K2OD	F5BAR	JA2CXF
LY4T	WA9YYY	A92IO	AA4U	G3LNS	K2ONP
N0IRM	WN9O	DJ1RL	AF4OX	G8AJM	K4RDU
N4OA	XE3ARV	DK5RL	CU3AN	HC1BI	K5FZ
N5BO		DL5CL	DG7RO	I2BBJ	K5KA
N8KOL	113	EA1JO	DK2WH	IK5RUN	K5KPE
OH8LXT	9A1A	EI8IU	DK6ED	IK8UHA	K6MW
PA3AXU	DJ5DT	EW1DO	DL1HRN	IZ0CKJ	KE1F
RZ6MJ	DJ9RR	G3XGC	EV1R	J68HZ	N1BZ
UA1ANA	DL8CM	HB9CEX	F6ECI	JA7EPO	N2WLG
UA1CGS	DL8DYL	HB9CRV	G4DBN	JE2UFF	N7TY
UA6XT	G4AFJ	HB9G	HL3GOB	JH1VHU	N8NN
UN6T	HB9EFK	IK2ANI	JA1AUD	K2BLA	ND4V
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	K0TPP	JA4BXL	JF2WGN	K6MI	PY5CC
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AB4GE	KA4RRU	JR7TEQ	K5WAF	KB4MRX	RW9QA
BA4DW	KH6DX	K0JPL	K7ORK	KC2STA	RX3AGD
BA7IO	KI0G	K1EDG	K9AJ	N2CG	TG9NX
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CU3AK	N6PE	K1KO	KP4AA	N3IQ	UT7KF
DL6NB	N7KO	K4UAS	KZ0X	N3JB	VU2CPL
F6CWA	N9ISN	K8CC	LA0CX	N4KE	W5WP
G3SDL	NA3F	KB2FCV	N4WJ	NC6K	WB5TUF
HP3TA	NG0G	KI4DLS	N7BD	NK7C	WN0L
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JA4KDT	ON5UE	N6MA	VE6KC	SV1VS	AI2Q
JA5WIZ	R7NA	RU4SU	VE7CT	UA3O	AL7R
JH6WMJ	RA4UN	SM3DMP	VE7UF	US7MM	DL6CNG
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K5CD	UN7TW	W1HEO	W7VS	W6KK	IZ0BTV
K5RJ	VE3KI	W2CVW	W8KA	WL7E	IZ2EWR
KB8U	W2GW	W2SKI	W8MIL	XE1FAS	JA2MOG
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N3MN	W9HBH	W6TC	WB4TDH		K1XM

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K8OM	K3YBN	JG3HBO	DL6XK	W4OWY	N9PGG
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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
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WB8BZK	VK3NX	OE5CSP	KX2A	JA1SDV	W5GJ
WC1M	W3KB	OH2OT	LZ1JZ	JA2FGL	W5ZO
WC6DX	W4MAY	OK1AYU	N2DPF	JF1EGO	W6PH
WD9EQU	W6TDX	OK2BVG	N4JI	JF6WTY	W7DR
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	W8VK	UR3CRO	N4PL	JO1WXO	WA9ETW
107	W9CPV	UT7UU	N4SC	K0WK	YC0LOW
4Z5LA	WA0RVK	UU5WW	N4VN	K1BG	YO5ODE
DJ8ES	WB6CJT	V73AZ	N6NU	K3FM	
DK3FB	WB8ART	VQ9SS	N7DR	K4KEW	103
DL1QQ	WS1L	W1CWU	ND3L	K4MF	AG1I
DL2CHN	XE2YWH	W2EQ	ON7PQ	K4VIG	AI3Q
DL5XU	YL1XZ	W2LE	OZ4AAL	K5HK	DJ1MM
DO4DXA	ZL3RJ	W2NO	PF7M	K6UM	DJ3GZ
EA5AT		W3ICM	PJ2/K8ND	K7TJR	DJ7PI
EA7QW	106	W4IR	PY2DS	K9EA	DL2HX
FG8OJ	AA4FL	W5JAY	R6YY	KA2BZS	DL8YRM
G4AKY	AE2U	W5KI	RA6AF	KH6KG/W5	DM5TI
G4RGK	DJ6OZ	W8OP	RD4WM	KI0KB	DS3HWS
I5IHE	DL2NOM	WA4MYO	SP5JXK	KW0A	EA7SG
IT9XTP	DL3JSW	WA6TLA	UA6LCN	LZ2XF	EU6MM
JA5EY	DL6JZ	YL2GN	UR1RWX	N3ER	EW3LB
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JA1JAT	W6SZN	S59DJK	JA7SFD	SM7NDX	FM5GU
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JA2OLJ		SP5MXZ	JH3HGH	SV1PL	G3OIL
JA3FHL	102	T77V	JH3PRR	UA0FDX	G4CGG
JA8EJO	A6/RV6LNA	UA1AIR	JH7BKN	UG6GAW	GM3ZSP
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JH1DGQ	DK3QM	UA6HOF	K0LW	UT1CC	IK0HFO
JM2RUV	DL3DXX	UA9MR	K1YR	UT4IS	IK4MSV
K0EOO	DL3NCR	UA9UCO	K2BX	UT7HA	IS0/YO3RA
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K4LQ	DL4KUG	VE2FYR	K3SEW	VE3XB	IW0BYL
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KE1IU	ES5RW	W3EKT	K7IA	W4BUE	JA9CGW
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KJ7WY	FM5WD	W5TO	K9JU	W5RF	JS6TWW
KM9E	HB9AHL	W7IUV	K9PG	W7AV	K0LB
LX1DA	I8LWL	WA0IDK	KC4PX	W7CB	K0XM
N0RU	IT9SFT	WA1S	KD3UY	W8GB	K1NA
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UT2AB	LA3ANA	DL5JS	OK1PGF	AI2S	KC5LT
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VE3MFA	OK1DTN	G3ZFC	ON4LG	DL1TRK	LA8W
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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
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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	
S53MJ	
S59SV	
SM0CXU	
SV1VJ	
SV2DSJ	
TI5CDA	
UA3AKI	
UA4PAY	
UA6CEY	
UN6P	
UR4CW	
UR4LRG	
UR8IDX	
VE1RGB	
VE3OAT	