

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 14 Nov 2024, 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 RTTY 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	UA2FF	315 IK4WMA	308 DF3CB	302 CT1EEB	297 DK5PR
	324 OH3SR		I4EWH	GM0GAV	F6BK1
340 K1ZM	K2TQC	S50U	IK4MGP	NN4T	N4CC
	OH2BO		IV3PRK	RZ3AM	OE6IMD
		314 4X4DK	SM6CVX		OM2XW
339 W4DR	323 SP5EWY	IK4GME	W5IZ	301 DL9KR	296 F5NTV
W4ZV		K5RK		JA1BK	G0JHC
	322 EY8MM	N1DG	307 DJ7MI	LZ2JE	G4PWA
334 N4WW	S50A	NX4D	K8GG	N1RJ	ON5NT
OH2BU	UX0UN	OK3GU	UT3UA	N3XX	W0FLS
	W1NG	PE5T	VE3EJ	S54E	W1JZ
333 R7LV	W3UR	W1JR		300 G3KMA	295 DF2UU
	321 K4PI	313 OE3GCU	306 K4CIA	GM3YTS	JA2JPA
332 UR0MC		OZ7YY	N4RJ	I2ZFD	K3UA
	320 SM4HCM	312 OH1MA	OH5VT	PA3FQA	RA3DX
330 AA1K	W8UVZ		SM0AJU	RC3FL	
K5UR	WB9Z	311 DJ6RX	305 EA6SX	SM3EVR	294 DL4MCF
LZ2DF		DJ9KG	GM3POI	SP3EPK	JH2FXK
OH1XX	319 N0XA	G3PQA	JA7NI	SV8JE	RJ3AA
UT7QF	SM4CAN	OG2M	K4ZW	VA3EF	
329 UA4HBW	318 K8MFO	310 I4AVG	N4IS	299 JA4DND	293 DL1AMQ
	W9ZR	KJ9I	R4GM	K4TEA	
328 K3UL	317 W3LPL	SM5BFJ	304 UA6A	N1BUG	292 G4BWP
UA4CC		SP2FAX	WT3Q	SV1FJA	JH4UYB
	316 W2VO	309 OZ1LO		W7UT	SM5AQD
327 HA0DU		UT5UGR	303 DJ0MDR	298 9A2AJ	SV1AOZ
			F5LGE	IK2DFZ	UX1UA
325 K9UWA			JA4LKB	OZ3PZ	W3YX
			K1UO	SM5CEU	W8TOP
			SM3GSK		
			YU1FW		

291 9A7V DF3GY JA4LXY KD9SV N0TB R7NW SP3E SV8CS UA3LAR	284 K5XI UA3AB	UR5WA	DL2OE K4SV	K7ZV K8PT W1GL	256 9A5CY K1QX K5VRX K8FL N5KD W1TSP
290 OZ1BTE SM3NRY SP3IBS UA3AKO W5ZN	283 CT1APE G4CCZ HB9BGV NA0Y NO3M R3OK	277 AA4MM DJ9VA F6AOJ IK5BAF ON7TK SM6CNN	271 EU7A G4GED HB9AMO K8KS OZ1CTK SP6CIK	263 K9OW W2SM W3AP	255 G3ZSS JH1GZE K4QL KR9U KY7M N2MF SP5CJQ UXOFF W3DF
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ SM6CMU US4EX UT7UJ	282 K4SO N2LT N3SL SM6CTQ US5WE W0BV	276 DK5WL DL7VEE K5DU N8RR N9IW NJ6P OK1AWZ WK3N	270 OE5KE SM5KNV	262 G0DQS S58T SP9JZU W1YY	261 DL9YX IZ1ANU K2EK K5KC N6SS N7NR NO8D
288 SL0ZG SP7VC UA4LY W0JX	281 DF2PY IZ0AEG JA2PJC JA5EXW K1CP LA5HE PA3GCV S59Z UY5ZZ W4TO	275 9A1CCY JA3FYC K2UO K4IQJ OH3BU VE2TZT	268 DL1DUL DL5DSM G3LZQ G3WPH MD0CCE RA3XDX RK4FD W1MK	260 AA7A K1LT K4DY K4XP	254 N0AT OM3DX SP1S WA4FFW
287 DL1RWN G3XTT N2QT VA3DX WD5COV	280 EA6NB JH4IFF RY9C SM4DHF SP6HEQ W2YC	274 G3TXF IK4CIE K1ZZ SP3DV SP6AEG YO3APJ	267 K6ND LU8DPM RA3CQ RZ3DX	259 DF4PL EA5BM F5NBU F6GCP I1FQH IK2YCW N3NT SP5DIR	253 N8TR RU3FM S58Q UA1OMS W0YG
286 DJ2YA IK1GPG JR2KDN K3SX PA0WRS UT7UW W8AV	279 HB9BIN I0WDX IK4DRY JR7VHZ N2TK UA6MF	273 IK8HJC JA8ISU K2CL K5BG KF2O RA3DA SM6CCO SP9DWT UA3DPM UA4CR UX1AA W6UB	266 LA3MHA NR1R R3LA W8TE W8XD	258 IK6DLK KW9A KX4R RN3CT	252 EA1DR JF2MBF PA4VHF S52F W3UM
285 W4PK	278 DK0EE F6BEE KG4W OE1WEU	272 9A2EU CT1EKY	265 AA1V AA4V G4OBK RW0LT YO5BRZ	257 EI7BA IK5HHA K1GUN SV8BHN W9YSX	251 DJ7RD DL9RT JA2VPO N4II VK4MA W5UN W7LR
			264 AA6YQ		250 HB9RG K5ESW NQ1K OZ8BZ

W3KX	ON4IQ R5DT	238 DL8WN JA0CRI JA0DAI K1HTV	KF0QR SK3PY UA4HAU W7AO	VE3DZ	W7KW
249 AI9L I1EIS JG3QZN JQ3DUE K9NW SP5DRH	243 AB3CV DK2JX IV3ODE JF8QNF NN4X ON4ATW S57A W9RPM W9XY WX4G	237 AA1QD DL7MAE NI0G OM4EX SV1RK VO1HP	232 5B4AGN JA8EAT K0CS K2UU K4XL NI6T RA7A UA3AP UR5EDX	227 DL7HU E72A ES1RA IK0HBN IK6FWJ JA1UQP K1FK K3NW KD0Q N2WK NV9L W1TC WB6RSE	223 JH2TPI RT6T
248 JH0BBE K3WW K5RX K9CT N2NL PY2RO SM3VAC T77C W9NGA	242 JA1HGY KG7H R5AJ	236 IK0MHR K1DG K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	231 4X4NJ EA6VQ HA9RE IK0YUT JH1HGC ON4ACG R9FM S51DI W3LL W9IXX	226 DJ5FI JA6BZI JF2KOZ JR6EZE K1AR N6AR N6JV UT5JAJ	222 AB0X DK3DG I3BUI IV3JVJ K3SV K6EID N5AW N9BX SM0CCM
247 K6XT N5DG NO2R R7IA W5OZI WB3AVN	241 EA4KD JA1SYY JA5BZL K2FF K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM EA6ET JA5MHD JH4ADV K3SWZ KA9CFD N6DX OK1CF R7DX RA0FF RU3QR VE3XN WA7NS	230 FK8CP IZ8FFA JA1CMD N8JV SM3NXS UW2ZM W4GF W4VQ	225 A45XR IW1ARB JA3EMU JH7PFD K1MM K5AB K9FD/KH6 N4CH RA3QK RV1CC RW3XZ SP3CGK VA5DX	221 K4MWB K8FH SP7GAQ W0VTT W1ZK W6JRY WS6X
246 DJ2TI IV3YYK N6TR TF4M VE3QAA W2TQC W5XZ	240 K0JUH K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	234 AC4G AJ6T PY1BVY SV8GFW	229 CT1FJK DJ4AX JA8FKO JI1BEX K2AZ K5EK OE5NNN	224 DL5WW IZ1LBG JA9CHI K9FD N8BM ON4GG SP5INQ VE6WZ VK6VZ W2RQ	220 AG8B DJ8NK HB9LCW HL5IVL JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY ZS4TX
245 DL4CF F2JD JA1GV K0IEA N9US RL9F RY7G	239 JR3GWZ JR3IIR K0KT KH6AT LY3UM RN3QN SV1ELF	233 AB4I F6BLP JA0FSB K4UTE KA7T	228 AF9H AI0O EA1N K4HB OH2BEN		219 JA2FJP K8SIX LB8DC N0AV OE8RT SP4K SP8NR UT7UV WA2UUK
244 AG9S DK6WL IK0XBX JA7QVI K9RX					218 DJ4PI DK0PM

IK1YDB	NA2M	208	WD8PKF	KK2I	ON6YH
JA8CDT	RU4SO	G3NSM	WF4U	LA7HJA	RA9CMO
JF3KON	W0LYI	IK3VUU	WI8A	N4QS	RZ4FO
K0EU	W1FJ	JA7MSQ		RA3S	W0FS
K5UO	W2WG	K2FU	203	RW4NN	W2FCR
SV8CKM	W3YY	LA4GHA	IZ8VYU	RW7M	W2HUV
W5PJR		N5ORT	JA2XYO	UY0ZG	
	212	RU3ZX	JE1PNX	W0DD	195
217	AA9A	W6PJ	JF4VZT	W0MHK	G3ZEM
JG1ULJ	DL9GFB		K4XO	W3GG	I5KKW
K5PC	K8ZH	207	K9MMS		JA1EOD
MM0EAX	KE9I	DK2NG	ON4AOI	199	JH2UVL
N8PR	KG6I	I4LCK	PA0A	JA2DPC	JN7FAH
RA3WDK	LA7JO	K1LPS	R6AF	JA2JNA	K7SO
UA3AGW	N1ZZ	K3JT	W8GC	JA9FPI	K9RT
WA7NB	N4MM	K8EUR		JO7WXN	KF8UN
	SM5CZQ	RO7T	202	K1GG	N1SV
216	WB9CIF	UN5J	DL1MGB	K2NV	UT9FJ
JA2NDQ		W0LS	DL2KQ	K3LR	W5ZG
JA6LCJ	211		DL9DRA	K6GXO	W9BF
N5UL	JA4DEN	206	EA1RT	N4DW	W9OP
N6VR	K3WA	DM5EE	JA2FBY	N5ZM	
OE1ZL	K4MQG	IK0IOL	JA3CSZ	OZ1AXG	194
RZ0AF	N4PQX	JA3PIS	JH3VNC	RA1QD	EA5RM
W0GJ	NX0I	K2VV	K4JJW	W1TO	KB9LIE
W6XA	RU3SD	K5AQ	LY1G		KC9ARR
YU3AA	SV2JAO	K5RT	N7KA	198	W1NT
YV1DIG	WA5VGI	KG9N	OK1DOT	DL1ROJ	W2LO
		N7NG	R9TO	G3UJE	W9OO
215	210	N8DJX	UA9FAR	UA0SR	WD8JJA
JA9PPC	I8SAT	N9AU	W7DO	W8HB	
JH1IFS	JA2IVK	SM6BZV	WA2HZO		193
N7JW	JJ2LPV	UR5FEO	ZL3IX	197	DL5ZB
W0UO	UW7LL	VE3BW		G3SNN	DL6ZXG
	W7JW		201	LA5YJ	EA3WD
214	WS9V	205	AA5AM	OE4PWW	G4BUE
HL3IUA		JA3AAW	DL1EJA	OE5FIN	HA5BSW
JA2JW	209	K1DT	F4BKV	ON4CD	K4ODL
JA2WYN	AD5A	UT4MF	G8VR	RZ6FA	K9YY
JJ3PRT	DL5CF	VE1DX	IK4DRR	UA0SC	KV7K
K3JGJ	DL9MRF	W8UN	JA9NFO	UT5EL	N9EN
K4NA	EU1KY	WB8ZRL	JJ2KXK		NK1K
OK1DX	F6DAY		K3HP	196	PA0LOU
RN7G	HB9DDZ	204	K5MC	4Z4DX	RN1ON
W4NL	JA0UUA	DF6PB	UY1HY	AA4HP	UA0CA
W6YI	JH0INP	DJ5AV	W5TCX	AG4W	W4FC
	N9LB	IK0XEZ		DK2LO	W9MU
213	VE3LYC	IK7NXM	200	I4KDJ	YO7LCB
DF2IS	W0ZR	KK4SI	JA1GTF	IK4PLW	
EI3IO	W1ECT	N4NX	JA5AQC	JA4PXC	192
JF6DSZ	W7KNT	N7FU	JH2RMU	K8PO	JA7JWF
K1ST		PY2XB	K1GE	KA9FOX	K3FN
K5EJ		US6EX	K8AC	KP2A	K5XX

K9EU	LA5IIA	AB4IQ	W2YJ	K4DLI	171
K9JF	W6SR	CT1FMX	W8TN	N7XR	AA9D
N4DB	WA6YEE	CT3MD	YL2TW	SM5FUG	DL6KR
N5LZ		IT9INO		SP1MGM	G0EHO
W3UA	187	K8VC	178	VE3FF	HA1RW
W8LGJ	AJ1H	KE9ET	CT1IUA	W7MEM	JA1PPW
	DF2GH	LA3WAA	EA3CJ	WX0V	JA3ENN
191	KB0EO	NN2L	JA0VSH		JA6HUG
DK1FW	OK1CZ	VA2WA	JA2LCP	174	JG3IWL
G0OIL	W7AWA	W2FP	JA4MRL	4Z5CX	JR1TNE
HB9CXZ		W8NW	JE2URF	EA3JL	K0BBC
HB9DDO	186		K0JGH	JA0GJJ	K0SR
JA0EOK	9A8A	182	K2UR	JA2XW	K9YC
K8FC	HA7TM	DK3UA	LA7GIA	JF7DZA	LA5LJA
K9LA	IZ8FWN	JA1SHE	N2NS	JK1OPL	N4OGW
ND0N	K3PA	K0BJ	NE0U	JR6PGB	N9RC
RK2FWA	K6SRZ	KF7PG	SM7DLK	K0TT	SV1LK
RX3APM	K7LAY	OH2IS	SV1JG	K2KA	WB7B
SM2OAN	NE1B	SM7GIB	W6NWS	K3AJ	
W4UM	W8JV	UR3EO		K4TR	170
WA2VYA				N3OC	JA6JPS
WN6W	185	181	177	N7IR	JM1GYQ
	AB6QM	DK3WW	9H1SP	OE1WHC	JR7BDQ
190	EA6BF	DL1YD	CT1EAV	OK1DWC	N0RN
IZ8XQC	IK3SWB	F6EXV	EA8JF	RN7F	N4PY
JA1ANR	JA8DNV	JA1DUH	HA5WA	UA3LNM	SP3GTS
JA1MCU	K5ZD	JA3RAR	JE1BMJ	W8UV	SV3KH
K2TE	K9US	VE3OSZ	K7GM	W8VVG	W9AJ
K9KU	KN5O	W1YM	N4XU	WT8C	W9EVI
KB8VAO	N4TJ	WA3C	W2OR		
KM1D	N5UR	YO2DFA	W5LT	173	169
LA7AFA	OE2BZL		W7FI	5B4ALJ	DJ6TK
N5GH	SM0NJO	180		I1JQJ	HK3W
SP2LNW	SV1DPI	DM2DXA	176	IK4ADE	JA7MOL
VE7VV	UA9CBO	DM3VL	9A4T	JA9TWN	JR1IZM
W9EWZ		K6SSS	EU1AB	JL1SAM	K1LI
XE2X	184	K7BG	I6FLD	K1NTR	K1NU
	CU2DX	LA9AJA	JA0DET	KA1J	K9NU
189	G3KWK	N4AH	JA2ZL	N5FG	N1RR
9A2F	JF1NZW	ON5FP	JA5IU	PY5EW	N4XX
EA8PP	JF1PUW	ON6SAS	JA6BJV	US0KW	N7US
FM5CD	JH1RFR	UT2UB	JA8KSF		PE1L
IK0FVC	K4HGX	W3YQ	K8MN	172	UT8MM
JA1XEC	K5KLA		N5OK	G0BLB	WB3JFS
JH1QAX	KB4ET	179	RL3FA	IZ5MOQ	
SP7HOV	KL0S	IT9ELD	SM6DHU	K0DEQ	168
UA7T	N8LJ	IW0SAF	W2IRT	K1BD	DJ9ON
WE9R	RM0F	K8WK	W4BP	K2EP	G3MXJ
	S57AC	OK1MG	W4GD	K4CN	JA1ADT
188	US8UA	S57UN		K6FG	JA2BDR
9A2NA		SM4DDE	175	KJ0M	JE7JDL
JA1KQX	183	SV3FUP	I2AOX	PY2BW	K4WS
KB1EFS	AA1ON	W1RM	JA1CHN	W4FQT	K5GKC

K5QY	G3NKC	JF2UPM	159	F6HDH	SM6CLU
K8RYU	HA9PP	K1KI	JA4FKX	IK0FUX	SP5CCC
KR4F	JA6VQA	LA0FA	JE2LPC	IZ8IEV	UT5UY
N4QQ	JE7RJS	LB6KC	JG0CQK	JA3FGJ	152
N8BJQ	JN4MMO	N0IJ	JH6QFJ	JH1TWT	EW2A
PA7F	K5JZ	W0HT	JH7CFX	JH2QMT	JE3ENP
SP5GH	KI5BLU	W0TT	K1KA	JO7HAM	JR9OPJ
TF3SG	KK4CB	W1LW	K4RO	K8YSE	JT1CO
W4SVO	OH2BLD	W3JX	K7NN	KS1J	K7SP
W6VX	SM4CTT	W4DKS	W6BJH	N3UA	K8VJV
W8OI	W0DJC	161	W7SX	UA3SAQ	KS3F
WA5YNB	W5BN	DL6RAI	W9RN	VA3LX	N9OY
	WC5N	JA1DOF	WD5BJT	W1YIF	S55ZZ
167		JH4CPC	YO7NE	W3GQ	UA6IGI
K4XD	164	K1USA	158	155	UT5AB
K4XR	GU4YOX	K5GO	DJ4PT	AB9V	VE6LB
K6KO	HA7UW	K8ND	DL1FKA	DL1RK	W1SKU
K8NK	HB9BZA	LB2TB	J11FXS	IK0AGU	W6RLL
K8NVR	JA1RTX	N4GN	J11NJC	K2LS	W7AJ
N3BNA	JA7ZP	OH6RA	JR1GJP	K4WA	W7YAQ
PA3C	K1NJ	RW3RN	K5TT	N4HB	WB3CQM
RA1AOB	K8RRT	VK3HJ	OZ1HX	ZS6EZ	
RA3DNC	LX2A	W8WEJ	SM4EMO		151
RN9N	N5WA	YU2TW	W0SZ	154	3V8SF
S51EC	N9FN	160	W1OX	DK1WB	DK2OY
SP3FAR	NY0V	9A2JK	W2XL	G4GIR	EI9JF
VE6WQ	RA3ZH	DK2GZ	W4QN	GM3PPE	F3SG
W1YW	UY5AA	DL1DA	WW3S	HB9TKS	JA6BEE
W3IP	W4NS	EC3A	157	JA8NFV	K2FW
WA0MHJ	W8KEN	HB9DHK	AA4H	JH7IAJ	N5JB
WA4LOX	163	HB9FMN	AC6DD	K0KVR	OK1ATP
ZS1LS	DJ9HX	IW2FND	EI6FR	NW7E	RD3A
166	DK5AD	JA2EPW	G3TQZ	W1NA	RU3A
4Z1UF	IT9JNR	JE2LUN	IZ4DPV	W2XI	S54A
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IK2QPR	JH2SON	JF2XGF	JA9APS	WS7L	SV9AHZ
IV3TDM	K8TL	JR7MAZ	K9GA	YS1RR	W7RH
JA1FNA	UR4CWQ	K3MSB	LY5A	153	WA1Z
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K4JLD	W6RW	NR4M	NE9Z	EA5BY	150
K4PB	W7AL	PA7MM	RN3OG	G3TJW	DL4SZB
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K9MBQ	WP4U	SP6EQZ	SM3PHM	JE3GRQ	IV3RAV
N7RO	162	UA0FZ	SV8ZS	JF1IRW	JA2NQG
RM3DA	9A4W	UX5UO	W2TA	K4RG	JH1NYM
W1RR	CT1GFK	W1BR	W5GZ	N3RC	K0RS
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WA8TXT	I2ZGC	W8HC	156	N5TW	KU4XO
165	IK0PEA	WX0B	AD5Q	N8II	N3QE
CT1FPQ	JA6GIJ		DL4MM	N8MR	N9MB
DL7UCX	JF1WPB			R9OK	OE8SPW

UA6YW	N1IBM	N3KK	WD9DZV	W0SD	MM0SAJ
W6DAO	UN7LZ	SM4OLL	WP4G	W5ADD	N2RJ
WA2BCK	W2KKZ	SM5CLE		WA8WV	N2ZN
WB8BPU		W4GE	141	WB8CQV	OK1DW
149	146	WC5M	DL5MHQ	138	SM5OJH
DL7BA	F5PAC	WD5T	EW1BA	DK8MCT	UT3UZ
DL7CX	G4FTC	WW2DX	JA1PTJ	DK8YY	UW8SM
IK4FNF	JA1HQG	YO3CD	JA2ATE	EI9FBB	W2OIB
JL1ARF	JA4DHN		K2RW	F6DDR	W7OM
K3RA	JH1GNU	143	SV3FUO	I0JBL	WB7QXU
K4YYL	K5KV	DL1DUO	W2/CT1GIF	IK8EPC	WO2T
NX8Y	K5SM	DL6EN	W3BW	JF3LOP	135
RC9F	K6NR	HB9BYQ	W4JVN	JK1AJX	5B4MF
SM6CUK	K7WP	HB9HFN	W7BEM	K1RO	DJ9ZB
SV1CNS	RU0SN	HS0ZEE	ZS1C	K2RET	F6FXU
UW7UA	W1IZL	JA9LJS	140	K3PP	GM3YOR
W0GG	W1ZT	K0QC	9A1CAL	K5WK	HB9IQB
W1VT	145	K7CMZ	DF2RG	KK1W	IV3DXW
W7HPW	AF4HX	K7CW	JA9RRH	N8OC	JA7LMZ
WB8B	JJ3HGJ	KJ9C	K6KLY	OK1MP	JA8JL
WD5K	JN1BMX	LZ2ZG	K8ME	OZ8X	JH4HMG
WS5W	K1OA	N2WM	KF8DX	RW4CY	K7FL
YO3DDZ	K4OY	N5UW	N4XP	W1GD	N6PSE
	K7HP	N6PAT	N7WS	W4YV	NZ9R
148	K8BL	R8TX	NJ3K	137	R7LP
AJ9C	K8UT	W0IZ	OH6NIO	CU3EQ	RN3RQ
DK2CC	KF6HI	W6QUV	OK2ZV	HB9SLO	SM5CZK
EA7TV	N1CGP	W8RLS	ON7DR	JA3APU	SP3XR
F5CQ	N1EN	WB8ZRV	PC3T	JA3OOK	W1DIG
F5LVL	N4GG	142	UN1L	JA5XAE	W2GD
HB9BUN	RT0F	AA7G	VE6SV	JE6TSP	W4BUW
JA2VQF	SM3DTR	I5HOR	W0SEI	JR1XIS	W4MBD
K3TN	SV2AEL	IT9BLB	W4VIC	K2QMF	W4RFZ
KR2Q	UN9L	JE1FQV	W7IV	K8NS	W6JTI
N2WB	W1OP	JE2DZC	W8LWU	N2PK	W8GNM
N9CO	144	K4WZ	YL2MU	ON6AA	WB0TEV
NE3F	AA6AA	K5VWW	YO9FNP	RA3CO	134
SM6VR	DL5KUA	K9MK	139	RG7G	CT3HF
W5FKX	DL6MRS	KQ4AV	CU2AP	UU1JA	IK4DCS
W7CT	E70T	LA6OP	DF7EE	W11TU	K1TO
W9JJB	EI6IZ	LA9VFA	DJ4XA	W2CG	K3OX
147	GM3ITN	N5XZ	DL5CW	W5ODD	K7XB
EA3GP	HI3T	N7QT	JA1TMG	WB5JID	KA8SYV
HB0CC	I5MXX	NA4D	K3ANS	136	KX4TT
IV3VBM	IT9GSF	NE0DX	K6AM	DS1JFY	N9RS
JA1SVP	IZ4GWE	NQ7R	K8RF	E72U	NY2NY
JA1XQC	JA3GN	OK1DO	KD0PO	IK8CNT	OE1TKW
JH1QDB	JR3OEH	W2OO	KU0A	JA4OK	PY5HOT
K2AX	K0VSH	W5LUA	LA8WG	K0TV	RG6G
K7LV	K5TR	W5VQ	OK2QA	KR6C	UA0ACG
KM1H	N1IX	W7ZI	SV8ZC		W4JKC
		WA5POK			

YU1AM	HS1NGR	K9ZM	N1GC	JE1TSD	G5LP
133	IV3KFB	KM3V	OH1JP	JE6UWU	HB0WR
9K2NO	IZ0RVI	N0YY	SK7AX	JH3CUL	IK2CHZ
AE5E	JJ1TEA	N3KS	SM0BYD	JH4ADK	IK3XJP
EU1U	JM1FHL	N3RR	SP6A	K1HAP	JA1XCZ
IZ8DFO	K5VIP	W7QHE	SP7ASZ	K5KG	JA3MHA
JA7GLB	KH2L	WE1P	V51B	KA6BIM	JA6WJL
JA7LGE	N4QWZ	WE4S	W0CP	KI4WCQ	JJ1DCW
JA9AGN	N5PHT	128	W0RT	LZ1XL	JR1EBE
JH1HHC	N6RK	AA4SC	W2YE	N2KA	K2PK
K1ZN	NA5DX	DM2RM	W3BG	N3EN	K3XO
K2CDJ	ON4ON	IT9ZZO	W3MF	N4JT	K5GH
KS4YT	R0SR	JA2AHH	126	NA5C	K7UT
KU2A	R9SA	JA2KSP	DJ8WD	ND5S	K9CS
N7BT	RU6M	JA8JO	F8BPN	NW6S	KV4T
N9MR	SM4BZH	JA9AA	G4IUF	OE1AZS	N2ED
OE1KM	W8DCH	JE1LFX	HB9FMT	OH1ZK	N4DWK
RV4LC	130	JJ4POR	IK8GYS	RA0BA	N9JV
UQ2PZ	DF9ZW	K0FF	IZ7EVZ	S51NM	N9LQ
VE3WT	E73M	K3XA	JA2TBS	UU7JM	NA2P
W0NFL	EI2JD	K4JAF	JA7KY	VE3UTT	S50B
W2QO	G7VJR	K4SE	JJ1DWT	VE7BV	SM3LGO
132	HK0HEU	K6LPO	JL1UXH	W0YVA	UA3DK
AA4NC	JA2FBC	KG7CW	K2ZD	W5DAW	UT3QU
AB9M	JA8BNP	N5KM	KC2LSD	W9CG	W1AO
AD6W	K2MYR	NN4R	LB7ZG	YO2RR	W8NJR
DL5EBE	K7LFY	R9SG	N8NA	124	WB8K
IT9RDG	K8BCK	S53X	OE8HIK	IK3VBB	XE1H
IZ2FOS	K9GL	S55DX	OK3CQD	JF2WXS	122
JA2KVD	KJ6P	SM3GQP	OZ1IKY	JH4JNG	G3NDC
JA6CBG	N3MK	VQ9LA	PA5TT	JJ1DHY	HA1RB
K6EME	NA4EA	W2WC	SQ5EBM	K4ZO	JA1MRM
K6YUI	NO9E	W4IS	VE3CX	K7TM	K1YT
K8GI	OZ2ABI	W4WM	W8MK	K8ROX	K2MP
N6HY	R5QA	W5AJ	W8REW	KD4POJ	K7ZA
ON4CAS	R9AB	W6RKC	W9ILY	NA2U	KR0P
OZ2RH	RU1AO	W8MET	WB0O	PA0TCA	LA7WCA
SM6BGG	SP6M	ZS1A	WB2REM	PA3EWP	LA8PT
VE3CRG	SV5DKL	ZS6UT	WD4LBR	R3VA	N9AW
W4AXL	UN7JX	127	XE1KK	UA0BA	NA9RB
W4RBO	VE3DO	HB9AZZ	YU1EXY	VE1DUN	NN7X
W5SL	W2MPK	HK1MW	125	W2JU	OE3SGU
W7AH	W6DR	JA1DDH	9A1AD	W2RIJ	OZ3Y
W7CD	W9ZT	JA1WLO	EA1AF	W3FM	RD4A
W9FR	129	JA8RJE	EU4A	W6CYX	UN7JID
WB3D	EA1YO	JS2LHI	GW3TMP	123	UU4JMG
XE2S	JA1NWD	K0RW	HK4SAN	AB1OC	VE6AX
131	JH0BQX	K3TRM	IK5DNF	AC4TO	W8LMG
DK7YY	JH4ALY	KM4H	IU0HDC	DL7JRD	121
DL8OH	K4TT	KM4NS	JA4IYL	DL9FCY	AA6RR
	K6XM	N1AC	JA6VU	G4WFG	CT3KN

DF1DB	W4PRO	K4CNW	UB3A	JH1RFM	W4TUN
DK6CQ	W7RN	K5JC	UR9IDX	K0SD	WA1FCN
IK2SGB	WA3I	K8LN	US1CT	K4CMS	WA9YYY
JA1SJV	WV4TN	K8WVA	W4ZRZ	K4GHS	
JH7RXU	ZL4AS	K9DR	W6SL	K4GK	113
K1UU		KD6UO	WA2USA	K8YTO	9A1A
K4ZIN	119	LZ2HM	WT4Q	KV1J	BA4RF
K8DV	AA3AZ	N2MM		LY4T	DJ5DT
KD8RQE	AJ4A	PY2PA	116	N0IRM	DK1EI
KG9Z	DK3GG	RN3TT	AJ4F	N4OA	DL8CM
N1JP	EW4M	SV3DCX	CT1FCX	N8KOL	DL8DYL
N6HC	G3UHU	SV9COL	DL7URH	PA3AXU	EA5KA
SV1AHX	G4DJJ	TA2RC	EA5BRE	RZ6MJ	G4AFJ
UQ1GWW	HB9AAQ	VK4CAG	EI2GLB	UA1ANA	JA0GCI
UT4EO	HB9BCI	W3RJW	HA7PF	UA1CGS	JA4ITW
UU2JQ	HB9CQK	W4DAO	IK0EIE	UA6XT	JA5WIZ
VA3AYA	HB9DHG	W4HZ	IK2OHG	UN6T	JH1ORA
W2GG	I2TZK	W4NF	IT9TQH	W5JMW	JH3GCN
W2TB	I4MKN	W4NJ	IV3HYD	W6RFL	K9GWH
W6XI	IU0LFQ		JA0CRG	W9XX	KA4RRU
W9YE	JA3AZD	117	JA1WTI	WA7BNG	KH6DX
WA1PMA	JA4XGC	4O3A	JA7IC	WP3R	KI0G
WY1G	JH6CDI	9Y4VU	JG1DUZ	YL2CZ	KO8SCA
XE1VIC	K3VAT	AE0P	K1DC		N4DJ
	K5UZ	BH4IGO	K1RI	114	N4IQ
120	K7EG	DL1DWT	K4XU	AA4DD	N7KO
9A5F	K8KWT	IT9AAI	K7PI	BA4DW	NA3F
AC9EM	N0OK	IT9DAA	KT1V	BA7IO	NI5F
AL7TC	N4LR	JA1HQT	N0KV	CT3FN	NK5B
DL2VWR	N8PW	JA4FM	PA0JSE	CU3AK	R7NA
F4GTB	NT2A	JA7GYP	RV3ID	DL6NB	RA4UN
FG5FR	NY7T	JE2JMV	SP8HKT	F6CWA	SM5ARL
HB9BLQ	OH5NG	JM3GXU	TZ4AM	G3SDL	SP3EPG
IZ0LKV	OK1DT	JR2UBS	UA4PCM	HK3PJ	SV1JFV
IZ5NFD	R6FFB	JR3UIC	VA7CRZ	I5OYY	SV2AVP
JH4GJR	SV1ACK	K1BZ	W1ENE	JA0AOO	VE3KI
JR6FC	SV1IW	K2BB	W1WEF	JA2KNW	W2GW
JR6LLN	W0QQ	K2HK	W3OA	JH1AGU	W8FAX
JR7WFC	W0RX	K8OOK	W7GG	JH6WMJ	W8FIB
K1CA	XE1RCS	K8QM	W7OEV	K2DC	W9VNE
K1ESE		LB5WB	W8LRO	K3MD	WA4DOU
K2BA	118	N2BJ	WQ5L	K3NK	WB2HJV
K3QIA	5T5PA	N3NR		K3OSX	XE1RBV
K6FW	AB2E	N4IR	115	K3WC	ZL1BYZ
K6SIK	AE3T	N4TL	C6AGU	K5RJ	
KA8ZPE	AG1A	N6MB	CU2CE	KB8U	112
N4UFP	DL5OCE	N8AA	DL9GOA	KZ4V	A92IO
OZ2A	ER0FEO	N8XI	G4XEE	N1QY	DJ1RL
PZ5RA	JA4FHE	NY4G	G8BCG	N2JJ	DJ9RR
SP7ITB	JI8DGO	OE3EVA	G8DX	N3MN	DK5RL
UR5IKN	JL1RUC	SM7BIC	HA5UK	NU8Z	DL5CL
US0YA	JN1RQV	SP6JIU	HB9RYZ	UA3FT	EA1JO
W2YR	K3WGR	UA6J	IZ7JVR	VE3YF	EI8IU

EW1DO	G4DBN	K3PH	NN4RR	RX6DX	OE1CP
G3XGC	HP3TA	K4WW	NU4I	S57J	OK2BUZ
HB9CRV	IU8FRE	K6VKO	NX7U	SM6AOU	OK3CQR
HB9G	JA1AUD	K8SL	PY5CC	UX7UN	R0FA
IK7YZG	JA1FGB	K9SG	RW4UU	UZ6LWZ	RN4AA
IZ4DIW	JA1NCZ	KB4MRX	RW9QA	W0VX	RV6ARZ
JA1SXR	JA5FDJ	LZ1PM	RX3AGD	W2UB	RZ3AUL
JA2HYD	JR2LJO	N2CG	TG9NX	W3NRJ	SP3BQD
JA7BXS	K2HAT	N3HBX	UB5ZAL	W4ZYT	SP6AXW
JG3LGD	K5CD	N3IQ	VU2CPL	W5VY	US5CB
JR7TEQ	K7ORK	N3JB	W0VHF	W6BK	VE3OI
K0GD	K9AJ	N4KE	W1OPD	W6KK	W3KB
K0JPL	KM1R	N5BO	W5WP	W7ACD	W4UCK
K0TPP	KZ0X	N9UA	WB5TUF	WA2ALY	W6TDX
K1KO	LA0CX	NC6K	WN0L	WA8MOA	W8VK
K4UAS	N4WJ	NG0G	XE1FAS	WC1M	W9CPV
K8CC	N6MZ	NY4I	YO4AUL	WD9EQU	WB8ART
KB2FCV	N7BD	OZ1LCG	YV3AGT	WW1WW	WS1L
KI4DLS	N9HF	RA5BM			XE2YWH
KM1C	NA1DX	RD9M	108	107	YL1XZ
KT1J	SV1FKZ	SM5BHW	AI2Q	4Z5LA	
LA8HGA	UR6QA	SV1VS	AL7R	DJ8ES	106
N6MA	UT1UY	UA3O	DL6CNG	DK3FB	AA5JF
N6PE	VE6KC	US7MM	ER1LW	DL2CHN	AE2U
RU4SU	VE7CT	W0UY	F8EZE	DL5XU	DJ6OZ
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UA1ACG	W3FOX	W4DC	HB9BAT	EA5AT	DL2NOM
UA1CEI	W4HOG	W5VX	HB9CEX	EA7QW	DL3JSW
UT6UD	W4OX	W5ZPA	HB9FAN	G4AKY	EA3CCN
VE7XF	W5AQ	WB4TDH	IK0PRG	G4RGK	HA8DZ
W1HEO	W7VS	WL7E	IZ0BTV	HB9EFK	IW3GJF
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W2SKI	W8MIL	ZL3NW	JA3NHL	IT9XTP	JE6IGP
W3MR	W9RB		JE2UFF	JA5EY	JG3HBO
W3UL	WA2BOT	109	JI4WAO	JA8JTH	JG5RVQ
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W6TC	WB9EEE	DF1KG	JK1MZT	JH9DRL	JJ0NCC
W8GEX	YL3DQ	EA3GHZ	JR7FRW	K2MK	JR0EQQ
W8HMK	YO6HOY	EU4T	K1RV	K3SW	K0DEW
W9SE		G3SVD	K1XM	K3YBN	K1PX
WA8MCD	110	G8AJM	K6UT	K4JKB	K2CJ
WA8OLN	DG7RO	HC1BI	K8OM	K5FZ	K4DSE
WT9U	DL1VDL	JA2CXF	KM8AM	K5KPE	K4WY
XE3ARV	EA5BYP	JA4BXL	KN4JX	K8LBT	K5AM
	F5BAR	K2ONP	LU2DKT	KE2R	K5ZQ
111	G3LNS	K4RDU	N1BZ	KM3T	K8JJC
AA4U	I2BBJ	K5KA	N3ND	N2RR	N0JZ
AB4GE	IK5RUN	K5WAF	N4MEC	N3DAP	N2CW
AF4OX	JA1OVD	K6MW	N6RFM	N4BAF	N2WLG
DK2WH	JA9KRO	KC2STA	N9TF	N4RF	N8AID
DK6ED	JH1VHU	KE1F	PA0ZH	N6EE	NA5Z
EV1R	K1EO	N8NN	R5FY	N8AGU	NI5M
G3PLP	K3JRR	N9ISN	R7LA	NA5Q	NU4Y

OE5CSP	N4SC	K4KEW	DL8YRM	VA2ZO	K7UA
OK1AYU	N4VN	K4MF	DM5TI	VA3IC	K8BHZ
OK2BVG	N6NU	K4VIG	DS3HWS	VE3EDY	KB9DAK
S57AL	ON7PQ	K4YJ	EA7SG	VE3MFA	KG8CW
UR3CRO	PF7M	K5HK	EU6MM	VE3VV	KN4KL
UU5WW	PJ2/K8ND	K6UM	EW3LB	W0UVC	KW4BY
V73AZ	PY2DS	K7TJR	G3BDQ	W1CTN	KY6R
VQ9SS	R6YY	K9EA	G4AAW	W4AVY	LA3ANA
W1CWU	RA6AF	KA2BZS	G4PUQ	W4MZ	N5RZ
W2EQ	RD4WM	KI0KB	G4VGO	W5THT	ND4V
W2LE	UA6LCN	KW0A	I0OSI	W5VU	NZ3M
W2NO	UR1RWX	KZ1W	IK2ANI	W6SZN	OH2EA
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W4IR	VE1PZ	N3ER	JA2GQO	WB8BZK	OK1JDX
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W8IW	W1LY	N4TTE	JH1DGQ		ON5UE
WA4MYO	W4OWY	N8MZ	JK1EXO	102	PA7TWO
WA6TLA	W5KI	NN3Q	JM2RUV	A6/RV6LNA	PV8ABC
WC6DX	W6FF	OH2OT	K2UVV	CT4BD	PY2DO
YL2GN	WQ5W	RA1QX	K4LQ	DK3QM	R2AB
YU3EF	WX3P	RU3UR	K5JUC	DL3DXX	R3IS
	YU1NR	RZ6DX	K7BTW	DL3NCR	RU3UN
105		RZ6LB	K8CCV	DL4CW	SM6WET
DF2PI	104	SM5CCE	K9MUG	DL4KUG	T77V
DF8AA	9M2AX	SM7CQY	K9XJ	EI4DQ	UA1CKC
DJ3XD	AD1C	SO5AS	KE1IU	ES5RW	UA6HOF
DJ6KH	AH0U	UT4EK	KJ4R	F6BWO	UA9MR
DL4ZAB	CP8HD	UT7EC	KJ7WY	FM5WD	UA9UCO
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DL6XK	DK3BK	UY0MM	KX2A	I8LWL	VE2FYR
DO1CTL	DL4FAP	VE3VHB	LX1DA	IT9SFT	VR2MY
ES1GO	DL7UPN	W0YBS	N0RU	IZ4MJP	W1MRH
G3YUV	E73D	W1QA	N1HOQ	JA0HXV	W1PV
HA8FW	EA8ZS	W3DRY	N9BBQ	JA4EVN	W2LW
HI8RD	F6AJA	W3TMZ	N9SF	JA6OXT	W2TX
JA1BWA	F8GB	W5CWQ	OH3GD	JA7EPO	W3EKT
JA1TAA	G3BRD	W5GJ	OK1DQT	JA8EJO	W5TO
JA6VA	HB9CIP	W5ZO	OK2BQU	JA8OW	W7IUV
JA7BME	HK3O	W6PH	OK3BRK	JH3AIU	W8HW
JA9APM	IW0HEX	W7DR	OZ7JZ	K0EOO	W9HBH
JF1RYU	JA1SDV	W8ZR	R9GM	K0YN	WA0IDK
K1DJ	JA2FGL	WA0I	RA0FA	K1EDG	WD8DSB
K2XF	JA2MNB	WA9ETW	RA4HT	K1PTF	WS4Y
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K7OX	JF6WTY	YO5ODE	RU3OW	K2TK	ZL3RJ
K7PO	JK1BSM		SM3CBR	K3FRK	
K9RO	JO1WXO	103	SM6EHY	K3KG	101
KI5T	K0MD	AA4FL	SM7BHH	K4AQQ	AA2VG
KQ3F	K0WK	AG1I	SP5JXK	K4KAY	AA3LX
KT2E	K1BG	AI3Q	TA1CM	K5ZO	AA4NU
LZ1JZ	K1EP	DJ1MM	UA3PFN	K6DJ	AC5O
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DK9WI	OA4TT	A41ZZ	KC5LT	RL3BZ
DL1KS	OE3WQB	AB4VV	KD8BZY	RN1A
DL3ANK	OH3TY	AC4VM	KP4AA	RT5A
DL5JS	OK1PGF	AG4Q	KP4N	RU3GF
DM3ML	OK2BOB	AI2S	KQ5M	S53MJ
EA1WX	OK3EY	DJ6OI	KS4XQ	S59DJK
EU1TT	OK4MM	DL1HRN	LA6UL	S59SV
G3ZFC	ON4LG	DL1TPY	LA8W	SV1VJ
G4FJK	OZ5HP	DL9GTB	LU5OM	SV2DSJ
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HB9NL	RA3AH	EA2AAZ	LZ3YY	UA4PAY
IV3GOW	RA4P	EA3ALD	MM0SJH	UA6CEY
IV3KCB	RA4SD	EA8AXT	N0AH	UN6P
JA1VVX	RB7GG	EC5A	N1KI	UR4CW
JA6TMU	RK9F	EI9E	N1MD	UR4LRG
JA7SFD	RY6M	ES5NC	N2DPF	UR8IDX
JF1RPZ	SM2DMU	F6ECI	N2SG	US8UW
JH3HGH	SP5MXZ	FM5GU	N2XQM	VE3OAT
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K0LW	UA0FDX	G4CGG	N4ZR	VR2PX
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K2BX	UR7CQ	I2VGW	N7DED	W0MU
K3SEW	UT1CC	IK0HFO	N7TK	W1AN
K6AAW	UT4IS	IK8UHA	N7TY	W1YRC
K6XJ	UT7HA	IS0/YO3RA	N8IL	W2CCC
K7AR	VE2OJ	IW0BYL	N8NB	W3BBO
K7IA	VE3XB	JA1BRK	N9ADG	W4HHN
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K8ZR	W0QC	JA4FSH	NA6O	W5BK
K9JU	W1AW	JA5DQH	NA9Q	W7DT
K9PG	W1GF	JA9CGW	NB3R	W8CNL
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KQ1F	W4WT	K2CYE	OK1DXD	YO2OXD
LA2GV	W8GB	K3TZV	OK2PAZ	YO9FLD
LZ1XZ	W9DX	K4FT	ON4ANN	ZP9MCE
LZ2XF	W9MAF	K4KSY	ON7EH	
N0STL	WA3EKL	K4SAF	ON7GB	
N2AJ	WB3HLH	K4UQC	ON9CC	
N4TB	WC4H	K7VIC	OZ1ZD	
N5AQ	WK9U	K8BZ	PA0INA	
N6WM	WR2G	K8CR	PA7RA	
N8AG	YO6BHN	K8CS	R3PJN	
N9DR	YV4DYJ	K8LE	R9JX	
N9JCS		K9NZ	RA3SD	
NE1F		KB0EL	RA4LW	