

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 11 Feb 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 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	UA4CC	316 4X4DK W2VO	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	304 CT1EEB DJ0MDR SM3GSK	N1BUG OE1WEU SV1FJA UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	315 IK4WMA K5RK OH3SR S50U W1JR	309 UT5UGR W5IZ	303 F5LGE JA1BK JA4LKB K1UO YU1FW	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
340 K1ZM	324 K2TQC OH2BO W1NG	314 IK4GME N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	308 I4EWH IK4MGP IV3PRK K4SV K8GG	302 DL4MCF GM0GAV GM3YTS	297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
339 W4DR W4ZV	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT UT3UA VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E	296 DF2UU F5NTV G4PWA JA2JPA ON5NT W1JZ
334 N4WW OH2BU	322 K4PI UX0UN W3UR	312 OH1MA	306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF	295 K3UA
333 R7LV	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS NN4T UA6A	294 DL1AMQ JA4LXY JH2FXK LA5HE RJ3AA SV8CS WD5COV	
332 UR0MC	320 SM4HCM W8UVZ				
331 K5UR	319 K8MFO N0XA SM4CAN				
330 AA1K HA0DU LZ2DF OH1XX UT7QF	318 W9ZR				
329 K3UL UA4HBW	317 W3LPL				
328 R4GM					

293 S58T	VA3DX W4PK	NJ6P SM4DHF SP6HEQ YO3APJ	K1ZZ KF2O SP6AEG W6UB	NR1R R3LA W8TE W8XD	259 DF4PL F6GCP I1FQH R9FM
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA6YQ AA7A G4OBK RW0LT SV8BHN YO5BRZ	258 G3ZSS KW9A N5KD RN3CT VE3QAA
291 9A7V DF3GY KD9SV N0TB R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	285 CT1APE G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W UR5WA	272 9A2EU CT1EKY DL1DUL DL2OE SP6CIK	264 IK2YCW K7ZV SP9JZU W1GL	257 K1GUN W9YSX
290 IZ0AEG UA3AKO	284 K5XI UA3AB	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK	263 IZ1ANU K9OW LA5IIA W2SM W3AP	256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	283 NA0Y NO3M R3OK	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ RU3FM VE2TZT	270 JA5AUC OE5KE SM5KNV	262 EI7BA G0DQS IK5HHA K4XP KR9U W1YY	255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI
288 PA3GCV RY9C SL0ZG SP7VC UA4LY W0JX WK3N	282 DL1YD I0WDX JH4IFF K4SO K8KS N2LT N7NR SM6CTQ SP3DV US5WE UY5ZZ W0BV W2YC	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ UW2ZM	269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N3NT N6SS NO8D SP1S SP5DIR	254 N0AT OM3DX WA4FFW
287 DL1RWN G3XTT N2QT	281 DF2PY HB9BIN JA2PJC JA5EXW K1CP K9CT S59Z W4TO	274 G3TXF	268 DL5DSM G3WPH RA3XDX RK4FD W1MK	260 EA5BM K1LT K4DY KX4R	253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG
	280 EA6NB		267 LU8DPM RZ3DX		252 EA1DR IV3YYK

JF2MBF	JF8QNF	240	KA9CFD	SM3NXS	K5AB
JG3QZN	K0IEA	JA0CRI	N6DX	W4GF	K9FD/KH6*
JQ3DUE	N6TR	K0JUH	OK1CF	W4VQ	N4CH
ON4AOI	TF4M	K1FZ	R7DX		RA3QK
PA4VHF	W2TQC	K1ZG	VE3XN	229	RV1CC
R5DT	W5XZ	K9OT	W3LL	CT1FJK	RW3XZ
S52F		LA2XPA	WA7NS	DJ4AX	SP3CGK
W3UM	245	UR5MID		JA8FKO	SP8NR
	AB3CV	VO1NA	234	J11BEX	US0SY
251	DL4CF		AC4G	OE5NNN	VA5DX
DJ7RD	JA1GV	239	AJ6T	RO7T	W7KW
DL9RT	N9US	G8VR	IZ8FFA		
I1EIS	RL9F	JA5MHD	K1AR	228	224
JA2VPO	RY7G	JR3GWZ	K4UTE	AF9H	DL5WW
JH0BBE	W9XY	K0KT	KF0QR	AI0O	I3BUI
N4II		K1HTV	PY1BVY	EA1N	IZ1LGB
PY2RO	244	KH6AT		K4HB	N8BM
VK4MA	AG9S	LY3UM	233	N2WK	SP5INQ
W5UN	DK6WL	RN3QN	AB4I	OH2BEN	VK6VZ
W7LR	F6BLP	RU3QR	EA6VQ	SV8CKM	W0VTT
	IK0XBX	SV1ELF	JA0FSB	UW5ZM	W2RQ
250	JA1HGY	SV1RK	K0CS	VE3DZ	
HB9RG	JA7QVI		K2UU		223
NQ1K	ON4IQ	238	KA7T	227	AB0X
OZ8BZ		DL8WN	SK3PY	DL7HU	HA7TM
	243	EA6ET	UA4HAU	E72A	JH2TPI
249	DK2JX	IK0XEZ	VA2WA	ES1RA	RT6T
AI9L	DK3DG	JA0DAI	W7AO	IK0HBN	SV2JAO
IV3ODE	IK0MHR	K1DG		IK6FWJ	ZS4TX
JR3IIR	NN4X	VO1HP	232	JA1UQP	
K9NW	ON4ATW		JA8EAT	JA9CHI	222
SP5DRH	S57A	237	K2AZ	K1FK	DF6PB
	W9RPM	DL7MAE	K4XL	K3NW	IV3JVJ
248	WX4G	NI0G	NI6T	KD0Q	K3SV
K3WW		OM4EX	NV9L	W1TC	K6EID
K5RX	242	RA0FF	S51DI	WB6RSE	N5AW
K9RX	EA4KD	UR5EDX	UA3AP		N8PR
N2NL	KG7H			226	N9BX
SM3VAC		236	231	JA2NDQ	SM0CCM
SV8GFW	241	K1JO	4X4NJ	JA6BZI	SP7GAQ
T77C	JA1SYY	K9NR	HA9RE	JF2KOZ	W9BF
UT9FJ	JA3EMU	K9ZO	IK0YUT	JR6EZE	
W9NGA	K2FF	KC7V	JH1HGC	K9FD*	221
	K5ZK	OK2ZI	N6AR	N6JV	DJ8NK
247	N4XM	OZ4O	N7NG	ON4GG	K4MWB
K6XT	N5TY	SP8AJK	ON4ACG	UT5JAJ	K8FH
NO2R	N7RT	YO9HP	W9IXX	VE6WZ	K8SIX
NO2R	OE2LCM				MM0EAX
R7IA	OK1DWJ	235	230	225	N6VR
WB3AVN	SP5GRM	CX6VM	DJ5FI	A45XR	W1ZK
	UA3TT	JH4ADV	FK8CP	IW1ARB	W6JRY
246	VE1YX	K3SWZ	JA1CMD	JH7PFD	WA7NB
DJ2TI	VE3NH	K5EK	N8JV	K1MM	WS6X
F2JD					

220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY	YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA LA7GIA NX0I RU3SD UR5FEO W1ECT WA5VGI	W0LS	DL9DRA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR W7DO WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR KV7K RX3APM W8HB
219 IK3VUU JA2FBY JA2FJP JG1ULJ LB8DC N0AV OE8RT RA3WDK SP4K UT7UV WA2UUK	215 AD5A JA9PPC N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JH0INP JJ2LPV LA4GHA UW7LL W7JW	206 DM5EE IK0IOL JA3PIS K2VV K5AQ KG9N N8DJX SM6BZV US0KW VE3BW	R9TO RA3S SM2OAN UA9FAR W7DO WA2HZO ZL3IX	197 G3SNN I5KKW JH2UVL K8NVR LA5YJ OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL
218 DJ4PI DK0PM IK1YDB JA8CDT JF3KON K0EU K5UO UT4MF W5PJR	214 DL7BA HL3IUA IZ8VYU JA2JW JA2WYN K3JGJ K4NA OK1DX RN7G W4NL	209 DL5CF DL9MRF EA1RT EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT	205 I4KDJ JA3AAW JA9FPI K1DT LA7HJA PY2XB W8UN WB8ZRL	201 AA5AM CU2DX DL1EJA F4BKV JA9NFO JO7WXN K3HP K3LR K5MC N4QS N5ZM W5TCX	196 4Z4DX AA4HP AG4W DK2LO F6EXV IK4PLW JA4PXC K8PO KA9FOX KP2A ND0N RA9CMO RZ4FO W0FS W2FCR
217 K5PC ON6YH UA3AGW	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M RU4SO W0LYI W1FJ W2WG W3YY	208 G3NSM I4LCK JA7MSQ JF4VZT K2FU N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ	204 DJ5AV IK7NXM K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U WI8A	JA9NFO JO7WXN K3HP K3LR K5MC N4QS N5ZM W5TCX	195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP
216 JA6LCJ JH1IFS K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB	212 AA9A DL9GFB F6DAY K4MQG K8ZH KE9I KG6I LA7JO N1ZZ N4MM OZ1AXG SM5CZQ WB9CIF WS9V	207 K1LPS K3JT K5RT K8EUR N9AU* PY2BW	203 JA2XYO JE1PNX K4XO K8AC K9MMS KK2I PA0A R6AF W8GC	JA1GTF JH2RMU K1GE K9US RW4NN RW7M UY0ZG W0DD W0MHK W2IRT W3GG	
			202 DL1MGB DL2KQ	199 HB9DDO JA2DPC JA2JNA K1GG K6GXO N4DW W1TO YO2DFA	

194 K4KDX K9JF KB9LIE KC9ARR W1NT W2LO W4FC W4UM W9OO WD8JJA	190 CT1IUA IZ8XQC JA1DUH JA1MCU K2TE K9KU KF7PG KM1D LA7AFA N4XU N5GH SP2LNW VE7VV XE2X	IZ8FWN JA8DNV K0BJ K3PA K6SRZ K7LAY WA3C	W1YM	CT1EAV CT1GFK EA8JF HA5WA IK4ADE JE1BMJ K3WC K9NU SM6DHU W2OR W5LT W7FI	K2KA K3AJ K4TR K4WS OE1WHC OK1DWC RN7F UA3LNM W8UV W8VVG WT8C
193 DL5ZB DL6ZXG EA3WD HA5BSW JA1XEC K4ODL K9YY KB8VAO N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	189 9A2F EA8PP FM5CD JA3RAR SM7GIB SP7HOV UA7T WE9R	185 AB6QM EA6BF G3KWK IK3SWB K0BBC K5ZD N4TJ N5UR OE2BZL SV1DPI UA9CBO	180 DM2DXA DM3VL JA2BDR K2EP K4CN K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W3YQ W7BEM W8TN	176 EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK RL3FA SM5FUG W4BP W4GD YO7NE	173 5B4ALJ I1JQJ JA1PPW JA3ENN JA9TWN K1NTR K4XR KA1J N5FG PY5EW W8HC
192 9A2NA DK1FW IK0FVC JA0EOK JA7JWF K3FN K4FJ K5XX K7GM K9EU N4DB N5LZ W3UA W8LGJ WN6W	188 AA1ON AB4IQ JA1KQX KB0EO KB1EFS N8LJ RM0F W6SR W8JV WA6YEE	184 I2AOX JA2ZL JF1NZW JF1PUW JH1RFR K4HGX K5KLA KB4ET KL0S OH2IS S57AC US8UA	179 IT9ELD IW0SAF K8WK OK1MG S57UN SM4DDE SV3FUP W2YJ W8KEN YL2TW	175 JA1CHN JS3CTQ K4DLI K5GKC LA0FA N7IR N7XR SP1MGM TF3SG VE3FF W7MEM WX0V	172 G0BLB G3NKC IZ5MOQ JA3FGJ JA9NLE JG3IWL K0DEQ K1BD K6FG KJ0M W4FQT WC4X
191 G0OIL JA1ANR K0JGH K8FC K9LA RK2FWA	187 AJ1H DF2GH JA0VSH K0SR KN5O N2NS NE1B OK1CZ SM0NJO W7AWA	183 CT1FMX CT3MD IT9INO K8VC KE9ET LA3WAA NN2L ON6SAS W2FP W8NW	178 EA3CJ HK3W JA2LCP JA4MRL JE2URF K2UR NE0U SM7DLK SV1JG W6NWS	174 4Z5CX 4Z5MU JA0GJJ JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K0TT	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU K9YC LA5LJA N0RN N4OGW N7RO N9RC
	186 9A8A IK2QPR	182 DJ9ON DK3UA JA1SHE K8RRT UR3EO	177 9H1SP AE5E		

RA3DNC	JG0CQK	164	OH6RA	W0SZ	K4WA
SV1LK	K4XD	GU4YOX	VK3HJ	W1OX	N3RC
WB7B	K6KO	HA7UW	YU2TW	W2XL	NE0DX
ZS1LS	K8NK	HB9BZA		W3GQ	NW7E
	N0IJ	JA1RTX	160	W4QN	SM6VR
170	N3BNA	JA7ZP	AD5Q		ZS6EZ
CT1FPQ	PA3C	JH2SON	DL1DA	157	
DJ6TK	RA1AOB	K1NJ	EC3A	AA4H	154
JA6JPS	RN9N	N5WA	EI6FR	AC6DD	3V8SF
JF1WPB	S51EC	N9FN	HB9DHK	DK1WB	GM3PPE
JM1GYQ	SP3FAR	RA3ZH	HB9FMN	EA5BY	JA8NFV
JR7BDQ	UN9L	SV2AEL	IK0FUX	G3TQZ	K0KVR
K6ZZ	VE6WQ	W4NS	IW2FND	G4GIR	K4RG
N4PY	W1YW	W7YAQ	IZ4DPV	JA1GHH	W1NA
SP3GTS	W3IP	WP4U	JA2EPW	JH2QMT	W2XI
SV3KH	WA0MHJ		JE2LUN	JH7IAJ	W5DNT
W9EVI	WA4LOX	163	JE2OVG	K9GA	WB0TEV
WA3AFS	WC5N	9A2JK	JF2XGF	LY5A	WE1P
		DJ9HX	JR7MAZ	N5MOA	WS7L
169	166	K7NN	K3MSB	NE9Z	YS1RR
IK0PEA	4Z1UF	K8TL	NR4M	RN3OG	
JA1ADT	DJ4SO	UR4CWQ	RU6L	RU4UR	153
JR1IZM	IV3TDM	VE3CFK	UA0FZ	SM3PHM	AJ9C
K1LI	JA1FNA	W7AL	UX5UO	SV8ZS	DL3ZA
N1EN	JA9LJS	WW3S	W1BR	W2TA	G3TJW
N4XX	K3KY		W5XC	W5GZ	HL2CFY
N7US	K4JLD	162	WX0B	YV2IF	JF1IRW
PE1L	K4PB	4O3A			JR9OPJ
UT8MM	K4ZYU	9A4W	159	156	K7SP
UY5AA	K9MBQ	F3AT	JA4FKX	DL4MM	K8VVF
WB3JFS	OH2BLD	JA6GIJ	JE2LPC	F6HDH	N4TV
	RM3DA	K1KI	JH6QFJ	HB9TKS	N5TW
168	W1RR	LB6KC	JH7CFX	IK0AGU	N8II
G3MXJ	W8ILC	N8MR	K1KA	IZ8IEV	R9OK
IK2EGL	WA8TXT	RW3RN	K4RO	JO7HAM	SM6CLU
JE7JDL		W0HT	W3HKK	K0QC	SP5CCC
JF2UPM	165	W0TT	W6BJH	K8YSE	UT5UY
K5QY	DL7UCX	W1LW	W7SX	KS1J	WB8BPU
K8RYU	I2ZGC	W3JX	W9RN	N3UA	
KR4F	JA6VQA	W4DKS	WD5BJT	N4HB	152
N4QQ	JE7RJS	W8WEJ		UA3SAQ	EW2A
N8BJQ	JN4MMO	WA9PIE	158	VA3LX	HB0CC
PA7F	K5JZ		DJ4PT	W1YIF	HB9BUN
SP5GH	KI5BLU	161	DL1FKA	W4TV	JT1CO
W4SVO	KK4CB	DK2GZ	JA9APS		KS3F
W6RW	NY0V	DL6RAI	JH1TWT	155	N9OY
W6VX	RC9F	JA1DOF	JI1FXS	AB9V	S55ZZ
W8OI	SM4CTT	JH4CPC	JI1NJC	DL1RK	UA6IGI
WA5YNB	SP6EQZ	K1USA	JR1GJP	DL4SZB	UT5AB
	W0DJC	K5GO	K5TT	DL6MRS	VE6LB
167	W5BN	K8ND	OZ1HX	JE2DZC	W1SKU
DK5AD		LB2TB	RU6M	JE3GRQ	W1VT
JE3ENP		N4GN	SM4EMO	K2LS	W6RLL

W7AJ	K4YYL	K7WP	HS0ZEE	OE6VIE	138
WB3CQM	K8ME	N7BT	K7CMZ	SV3FUO	DK8MCT
	K9MK	RU0SN	K7CW	W3BW	DK8YY
151	NX8Y	W1IZL	K8ROX	W4JVN	EI9FBB
AA7G	SM6CUK	W1ZT	KJ9C	W4VIC	EU4A
DK2OY	UW7UA		LZ2ZG	W4WT	F6DDR
EI9JF	W0GG	145	N2RJ	W8HW	IK8EPC
F3SG	W7HPW	AF4HX	N2WM	ZS1C	JA3OOK
JA6BEE	WB8B	HI3T	N5UW		JF3LOP
K2FW	WD5K	IOJBL	N6PAT	140	JH7RXU
N5JB	WS5W	JJ3HGJ	NN4R	9A1CAL	JK1AJX
OK1ATP	WW2DX	JN1BMX	R8TX	DF2RG	K1RO
RD3A	YO3DDZ	K1OA	W0IZ	K5WK	K2RET
RU3A		K3VAT	W6QUV	K6KLY	KJ6P
S54A	148	K4OY	W8RLS	KF8DX	KK1W
SP7AWG	DK2CC	K8BL	WB8ZRV	N4XP	NA5C
SV9AHZ	EA7TV	KF6HI	WD9DZV	N6PSE	ON6AA
W7RH	F5CQ	LA6OP		N7WS	OZ8X
WA1Z	F5LVL	N1CGP	142	OH6NIO	RW4CY
WP4G	HB9SLO	N4GG	I5HOR	OK2ZV	V51B
	JH1QDB	N5XZ	IT9BLB	ON7DR	W1GD
150	KR2Q	RT0F	JE1FQV	UN1L	W2YE
EA1AF	N2WB	SM3DTR	JR7WFC	VE6SV	W4YV
IT9DSZ	NE3F		K3PP	W0SEI	W7OM
IV3RAV	W5FKX	144	K4WZ	W4NU	
JA2NQG	W9JJB	CU3EQ	KQ4AV	W7IV	137
JA2VQF		DL5CW	LA9VFA	W8LWU	DS1JFY
JH1NYM	147	DL5KUA	MM0SAJ	WO2T	EA1YO
K0RS	EA3GP	E70T	N7QT	YL2MU	GM3YOR
K7LV	IV3VBM	EI6IZ	NA4D	YO9FNP	IZ0RVI
K8AJS	JA1XQC	GM3ITN	NQ7R		IZ2FOS
KU4XO	JH4ALY	HB9BYQ	NY2NY	139	JA3APU
N3QE	K2AX	I5MXX	OK1DO	CU2AP	JE6TSP
N9CO	K7HP	IT9GSF	W2OO	DF7EE	JH4JNG
N9MB	K8UT	IZ4GWE	W5ADD	DJ4XA	JR1XIS
OE8SPW	KM1H	JA3GN	W5LUA	DL5EBE	K2QMF
SV1CNS	N1IBM	JR3OEH	W5VQ	DL8OH	K8NS
UA6YW	PC3T	K0VSH	WA5POK	JA1TMG	N2PK
W6DAO	UN7LZ	K5TR	WB8CQV	JH0BQX	RA3CO
W7CT	W1OP	N1IX		K3ANS	RG7G
WA2BCK	W2KKZ	N3KK	141	K6AM	UU1JA
		SM4OLL	AC9S	K8GI	W1ITU
149	146	SM5CLE	DL5MHQ	K8RF	W2CG
AA6AA	F5PAC	W2/CT1GIF	EW1BA	KD0PO	W5ODD
DL7CX	G4FTC	W4GE	JA1PTJ	KU0A	WB5JID
HB9HFN	JA1HQG	W7ZI	JA2ATE	LA8WG	
IK4FNF	JA4DHN	WC5M	JA5XAE	OK1MP*	136
IZ3ENH	JH1GNU	WD5T	JA9RRH	OK2QA	E72U
JA1SVP	K1CA	YO3CD	JH1HHC	SM5CBM	ER0FEO
JL1ARF	K5KV		JL1UXH	SV8ZC	HB9IQB
JR5JAQ	K5SM	143	K2RW	W0SD	IK8CNT
K3RA	K5VWW	DL1DUO	N8OC	WA8WV	JA4OK
K3TN	K6NR	DL6EN	NJ3K		K0TV

K6EME	W1EQ	WB3D	129	JS2LHI	JA4IYL
KR6C	W4JKC	XE2S	HB9AZZ	K0RW	JA6VU
N2ZN	YU1AM		JA1NWD	K3TRM	JE1TSD
OK1DW		131	JA8JO	KM4NS	JE6UWU
SM5OJH	133	CT1FCX	JI4POR	N1AC	JF2WXS
SP2BMX	9K2NO	DK7YY	K3NK	N1GC	JH3CUL
UT3UZ	EU1U	G3UHU	K4TT	OE8HIK	JH4ADK
UW8SM	IZ8DFO	HS1NGR	K6XM	S51NM	JL1RUC
W2OIB	JA7GLB	IV3KFB	KM3V	SK7AX	K1HAP
WB7QXU	JA7LGE	JA2TBS	N0YY	SM0BYD	K5KG
	JA9AGN	J11DCW	N3KS	SP6A	K8DV
135	K1ZN	JJ1TEA	N3RR	SP7ASZ	KA6BIM
5B4MF	K2CDJ	JM1FHL	OH1JP	W0CP	KI4WCQ
DJ9ZB	KS4YT	K1UU	PY5EG	W0RT	LZ1XL
F6FXU	KU2A	K5VIP	W7QHE	W0YVA	N2KA
IK8GYS	N9MR	KC2LSD	W8MET	W3BG	N3EN
IV3DXW	OE1KM	KH2L		W3MF	N4JT
JA7LMZ	RA5BM	KM4H	128		N9RD
JA8BNP	RV4LC	N4QWZ	AA4SC	126	ND5S
JA8JL	SV5DKL	N5PHT	DM2RM	DJ8WD	NW6S
JH4HMG	UQ2PZ	N6RK	HB9CQK	F8BPN	OE1AZS
K1ZE	VE3WT	ON4ON	IT9ZZO	G4IUF	OH1ZK
K7FL	W0NFL	R0SR	IU0HDC	HB9FMT	RA0BA
NZ9R	W2QO	R9MJ	JA2AHH	IZ7EVZ	UN7JID
R7LP		R9SA	JA2KSP	JA1XCZ	UU7JM
RN3RQ	132	W8DCH	JA9AA	JA7KY	VE3UTT
SM3LGO	AA4NC		JE1LFX	JJ1DWT	W5DAW
SM5CZK	AB9M	130	K0FF	JN1RQV	W9CG
SP3XR	AD6W	DF9ZW	K3XA	K2ZD	YO2RR
W1DIG	IT9RDG	E73M	K4JAF	K4JKB	
W2GD	JA2KVD	EI2JD	K4SE	K4XU	124
W4BUW	JA6CBG	G7VJR	K6LPO	LB7ZG	AA7XT
W4MBD	JR2LJO	HK0HEU	KG7CW	N8NA	IK3VBB
W4RFZ	JR6FC	JA2FBC	LB5WB	OK3CQD	J11DHY
W6JTI	K6YUI	JG1DUZ	N5KM	PA5TT	K4ZO
W8GNM	K7TM	K2MYR	OZ1IKY	SQ5EBM	KD4POJ
WE4S	K9ZM	K6SIK	R9SG	VE3CX	NA2U
	N6HY	K7LFY	S53X	VE7BV	PA0TCA
134	ON4CAS	K8BCK	S55DX	W8MK	PA3EWP
CT3HF	OZ2RH	K9GL	SM3GQP	W8REW	UA0BA
IK4DCS	SM4BZH	N3MK	SV3DCX	W9ILY	VE1DUN
K1TO	SM6BGG	NA4EA	VQ9LA	WB0O	W2JU
K3OX	SP6M	NO9E	W2WC	WB2REM	W2RIJ
K7XB	VE3CRG	OZ2ABI	W4IS	WD4LBR	W3FM
KA8SYV	W4AXL	R3VA	W6RKC	XE1KK	W6CYX
KX4TT	W4RBO	R5QA	ZS1A	YU1EXY	W8LMG
N9RS	W4WM	R9AB	ZS6UT		
NA5DX	W5AJ	RU1AO		125	123
OE1TKW	W5SL	TA1CM	127	9A1AD	AB1OC
PY5HOT	W6DR	UN7JX	HK1MW	GW3TMP	AC4TO
RG6G	W7AH	VE3DO	JA1DDH	HB9RYZ	DL7JRD
RX4HW	W7CD	W2MPK	JA1WLO	HK4SAN	DL9FCY
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G4WFQ	121	SP7ITB	J18DGO	N8XI	JH1RFM
G5LP	AA6RR	UR5IKN	K3WGR	NY4G	K0GD
HB0WR	CT3KN	US0YA	K4CNW	SM7BIC	K0SD
IK2CHZ	DF1DB	W2YR	K8LN	SP8HKT	K4CMS
IK3XJP	DK1EI	W3OA	K8WVA	UA6J	K4GHS
JA0CRG	DK6CQ	W4PRO	K9DR	UB3A	K4GK
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JA3MHA	KD8RQE	W7RN	KD2T	US1CT	K8YTO
JA6WJL	KG9Z	ZL4AS	KD6UO	W4ZRZ	KO8SCA
JH3AIU	N0OK		KG8CW	W5JMW	KV1J
JR1EBE	N1JP	119	KV4AA	W6SL	LY4T
K2PK	N6HC	AA3AZ	LZ2HM	W8ZR	N0IRM
K3XO	SV1AHX	AJ4A	N2MM	WA2USA	N4OA
K4ZIN	UQ1GWW	DK3GG	N3NR		N8KOL
K5GH	UT4EO	EW4M	N4DJ	116	PA3AXU
K7UT	UU2JQ	G4DJJ	PY2PA	AJ4F	RZ6MJ
K9CS	VA3AYA	HB9AAQ	RN3TT	DL7URH	UA1ANA
KV4T	W0QQ	HB9BCI	SP6JIU	EA5BRE	UA1CGS
N2ED	W2GG	I2TZK	SV9COL	EI2GLB	UA6XT
N4DWK	W2TB	I4MKN	TA2RC	HA7PF	UN6T
N6MZ	W3RJW	IU0LFQ	VK4CAG	IK0EIE	VE3YF
N9JV	W6XI	JA3AZD	W1KSZ	IK2OHG	W1OPD
N9LQ	W9YE	JA4XGC	W4DAO	IT9TQH	W4UCK
NA2P	WA1PMA	JE2JMV	W4NF	IV3HYD	W9XX
S50B	WY1G	JH6CDI	W4NJ	JA1WTI	WA7BNG
UA3DK	XE1VIC	JR3UIC	WT4Q	K1DC	YL2CZ
UT3QU		K5UZ	YO4AUL	K1RI	
W1AO	120	K7EG		K3FRK	114
W8NJR	9A5F	K8KWT	117	KT1V	BA4DW
WB8K	AC9EM	N0KV	9Y4VU	PA0JSE	BA7IO
WV4TN	AL7TC	N4LR	AE0P	RV3ID	CT3FN
XE1H	DL2VWR	N8PW	BH4IGO	TZ4AM	CU3AK
	FG5FR	N9UA	DL1DWT	UA4PCM	DL6NB
122	HB9BLQ	NT2A	IT9AAI	VA7CRZ	F6CWA
G3NDC	HB9DHG	NY7T	IT9DAA	W1ENE	G3SDL
HA1RB	IZ0LKV	OH5NG	JA0AOO	W1WEF	HK3PJ
JA1MRM	IZ5NFD	OK1DT	JA1HQT	W7GG	HP3TA
K1ESE	JH4GJR	R6FFB	JA4FM	W7OEV	I5OYY
K1YT	JR6LLN	SV1ACK	JA7GYP	W8LRO	IK7YZG
K2MP	K2BA	SV1IW	JA7IC	WP3R	IW0HEX
K7ZA	K2HK	W0RX	JM3GXU	WQ5L	JA2KNW
KR0P	K3QIA	W4HZ	JR2UBS		JA4KDT
LA7WCA	K5JC	W8FIB	K1BZ	115	JA5WIZ
LA8PT	K6FW	XE1RCS	K2BB	AA5JF	JH1AGU
N9AW	KA8ZPE		K6PJ	C6AGU	JH6WMJ
NA9RB	N4BAF	118	K7PI	CU2CE	K1RV
NN7X	N4TB	5T5PA	K8OOK	DL9GOA	K2DC
OE3SGU	N4TL	AA4DD	K8QM	G4XEE	K3MD
OZ3Y	N4UFP	AB2E	N2BJ	G8BCG	K3OSX
RD4A	OE3EVA	AE3T	N3ND	G8DX	K5RJ
UU4JMG	OZ2A	AG1A	N4IR	HA5UK	KB8U
VE6AX	PZ5RA	DL5OCE	N6MB	IZ7JVR	KZ4V
WA3I	RL3BZ	JA4FHE	N8AA	JA5FDJ	N1QY

N2JJ	W9VNE	W2SKI	W8KA	W5ZPA	IK0PRG
N3MN	WA4DOU	W3MR	W8MIL	WB4TDH	IZ0BTV
N4IQ	WB2HJV	W3UL	W9RB	WL7E	JA2MOG
NU8Z	WB2UFF	W4VHF	WA2BOT	XE1FAS	JA3NHL
UA3FT	WS4C	W5VX	WA2MUA	YU7AU	JJ2PIK
W0VX	WX3P	W6TC	WB9EEE	ZL3NW	JK1MZT
W4TUN	XE1RBV	W8GEX	YL3DQ		K1EP
WA1FCN	ZL1BYZ	W8HMK	YO6HOY	109	K1XM
WA9YYY		W9SE		DF1KG	K2CJ
WN9O	112	WA8MCD	110	EA3GHZ	K2KQ
XE3ARV	A92IO	WA8OLN	CU3AN	EU4T	K2MK
	DJ1RL	WT9U	DG7RO	F8EZE	K4WY
113	DK5RL	ZP6CW	DL1VDL	G3SVD	K6UT
9A1A	DL5CL		EA5BYP	J68HZ	K8OM
BA4RF	EA1JO	111	F5BAR	JA2CXF	KM8AM
DJ5DT	EI8IU	AA4U	G3LNS	K2ONP	KN4JX
DJ9RR	EW1DO	AB4GE	G8AJM	K4RDU	LU2DKT
DL8CM	G3XGC	AF4OX	HC1BI	K5KA	N4MEC
DL8DYL	HB9CRV	DK2WH	I2BBJ	K6MW	N6RFM
EA5KA	HB9EFK	DK6ED	IK5RUN	KC2STA	N9TF
G4AFJ	HB9G	DL1HRN	IK8UHA	KE1F	NU4Y
JA0GCI	IU8FRE	EV1R	IZ0CKJ	N1BZ	PA0ZH
JA2HYD	IZ4DIW	F6ECI	JA9KRO	N8NN	R5FY
JA4ITW	JA1SXR	G3PLP	JE2UFF	N9ISN	R7LA
JH1ORA	JA4BXL	G4DBN	JH1VHU	ND4V	RX6DX
JH3GCN	JA7BXS	HL3GOB	K1EO	NN4RR	S57J
K5CD	JG3LGD	JA1AUD	K3JRR	NU4I	SM6AOU
K8SL	JI4WAO	JA1FGB	K3PH	NX7U	UX7UN
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KH6DX	K0JPL	JE8TGI	K6VKO	RX3AGD	W4ZYT
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KT1J	K1KO	K2HAT	LZ1PM	UB5ZAL	W7ACD
N7KO	K3NF	K7ORK	N2CG	UT7KF	W9HBH
NA3F	K4UAS	K9AJ	N3HBX	VU2CPL	WA2ALY
NG0G	K8CC	KM1R	N3IQ	W0VHF	WA4CEM
NI5F	KB2FCV	KZ0X	N3JB	W5WP	WA8MOA
NK5B	KI4DLS	LA0CX	N4KE	W9FI	WC1M
R7NA	KM1C	N4WJ	N5BO	WB5TUF	WD9EQU
RA4UN	KM3T	N7BD	NC6K	WC2K	WW1WW
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SP3EPG	N6MA	UR6QA	RD9M		4Z5LA
SV1FKZ	N6PE	UT1UY	SM5BHW	108	DJ8ES
SV1JFV	RU4SU	VE6KC	SV1VS	AI2Q	DK3FB
SV2AVP	SM3DMP	VE7CT	UA3O	AL7R	DL2CHN
UN7TW	UA1ACG	VE7UF	US7MM	DL6CNG	DL5XU
VE3KI	UA1CEI	W3FOX	W0UY	ER1LW	DO4DXA
W2GW	UT6UD	W4HOG	W3XY	G3VAO	EA5AT
W6BK	VE7XF	W4OX	W4DC	HB9BAT	EA7QW
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K8LBT	K4DSE	JA4EVN	DL4FAP	US5CAO	KJ4R
KE2R	K4SAF	JA6VA	DL7UPN	UT4EK	KJ7WY
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OE1CP	N3XM	K4YJ	JA1SDV	W5CWQ	OH3GD
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R0FA	NI5M	K7PO	JF6WTY	W6PH	OK3BRK
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US5CB	S57AL	LZ1JZ	K1BG	YC0LOW	RA4HT
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W3KB	UU5WW	N4SC	K4KEW	103	SM3CBR
W6TDX	V73AZ	N4VN	K4MF	AG1I	SM6EHY
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W9CPV	W2EQ	OZ4AAL	K6UM	DJ7PI	US2WU
WB6CJT	W2LE	PF7M	K7TJR	DL2HX	UT2AB
WB8ART	W2NO	PJ2/K8ND	K9EA	DL8YRM	VA2ZO
WS1L	W3ICM	PY2DS	KA2BZS	DM5TI	VA3IC
XE2YWH	W4IR	R6YY	KH6KG/W5	DS3HWS	VE3EDY
YL1XZ	W5JAY	RA6AF	KI0KB	EA7SG	VE3MFA
ZL3RJ	W8OP	RD4WM	KK9H	EU6MM	VE3VV
	WA4MYO	SP5JXK	KW0A	EW3LB	W0UVC
106	WA6TLA	UA6LCN	LZ2XF	G3BDQ	W1CTN
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DL2NOM	105	VY2ZM	N6PF	IK2ANI	W6SZN
DL3JSW	DF2PI	W1LY	N8MZ	JA2GQO	WB8BZK
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HA8DZ	DJ3XD	W5KI	NJ9C	JA8EJO	

102	R3IS	JH3PRR	UA0FDX	G4CGG	N4CRI
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CT4BD	SM6WET	K0LW	UR7CQ	I2VGV	N7DED
DK3QM	SP5MXZ	K1YR	UT1CC	IK0HFO	N7TK
DL3DXX	T77V	K2BX	UT4IS	IK4MSV	N8IL
DL3NCR	UA1AIR	K3SEW	UT7HA	IS0/YO3RA	N8NB
DL4CW	UA1CKC	K6AAW	VE2OJ	IW0BYL	N9ADG
DL4KUG	UA6HOF	K6XJ	VE3XB	JA1BRK	NA6O
DL5RDI	UA9MR	K7AR	VK2GR	JA1CPU	NA9Q
EI4DQ	UA9UCO	K7IA	W1AW	JA1ILA	NB3R
ES5RW	UW7CN	K8BN	W1FC	JA1JAT	NG7A
F6BWO	VE2FYR	K8ZR	W1GF	JA4FSH	NJ3I
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HB9AHL	W1MRH	K9PG	W3WH	JA9CGW	NU1T
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KW4BY	DM3ML	OK4MM	AI2S	KQ5M	UA4PAY
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NZ3M	G4FJK	RA3AH	DL9GTB	LU5OM	UR4LRG
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OH4UI	HB9NL	RA4SD	EA2AAZ	LZ3YY	US8UW
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PV8ABC	JA7SFD	SM7NDX	FM5GU	N2SG	W0GYH
PY2DO	JF1RPZ	SP7JLH	G0VXE	N2XQM	W0MU
R2AB	JH3HGH	SV1PL	G3OIL	N3AF	W1AN

W1YRC
W2CCC
W3BBO
W4HHN
W4OV
W5BK
W7DT
W8CNL
W8FN
W8GDQ
WB4SON
WU2M
YB1TJ
YL2SM
YO9FLD
ZP9MCE
ZS2DL