

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 04 Apr 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	328 R4GM UA4CC	317 W3LPL	SP2FAX	304 CT1EEB DJ0MDR SM3GSK	K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 W2VO	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	303 F5LGE GM0GAV JA1BK JA4LKB K1UO RU3DX YU1FW	298 9A2AJ IK2DFZ OE6IMD OZ3PZ SM5CEU
340 K1ZM	324 K2TQC OH2BO S50A W1NG	315 IK4WMA K5RK N1DG OH3SR S50U W1JR	309 UT5UGR W5IZ		
339 W4DR W4ZV			308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM3YTS	297 DK5PR N4CC OM2XW RA3DX W0FLS
335 OH2BU	323 EY8MM SP5EWY	314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BK1 LZ2JE N1RJ N3XX S54E SV8JE	296 DF2UU F5NTV G4PWA JA2JPA ON5NT RY9C W1JZ
334 N4WW	322 K4PI UX0UN W3UR		306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR SP3EPK VA3EF	295 K3UA
333 R7LV	321 WB9Z	313 GM3POI OE3GCU OG2M OZ7YY	305 JA7NI K4ZW N4IS NN4T UA6A		
332 UR0MC	320 SM4HCM W8UVZ	312 OH1MA			
331 K5UR LZ2DF	319 K8MFO N0XA SM4CAN	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM			294 DL1AMQ JH2FXK LA5HE RJ3AA SV8CS
330 AA1K HA0DU OH1XX UT7QF					
329 K3UL UA4HBW	318 4X4DK W9ZR				

WD5COV	N2QT VA3DX W4PK	280 EA6NB SM4DHF SP6HEQ YO3APJ	274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT NR1R R3LA W8TE W8XD	KX4R
293 N0TB S58T	286 CT1APE DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA6YQ AA7A RW0LT SV8BHN YO5BRZ	259 DF4PL F6GCP G3ZSS I1FQH R9FM
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	285 G4CCZ HB9BGV UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU CT1EKY DL1DUL DL2OE OH1LEU SP6CIK	264 IK2YCW K7ZV SP9JZU W1GL	258 KW9A N5KD RN3CT VE3QAA
291 9A7V DF3GY IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK SM5KNV	263 IZ1ANU K9OW LA5IIA W2SM W3AP	257 K1GUN W9YSX
290 UA3AKO	283 JA5EXW JH4IFF N7NR NA0Y NO3M R3OK				256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP W3DF
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K4SO K8KS K9CT N2LT SM6CTQ US5WE UY5ZZ W0BV W2YC	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ VE2TZT	270 JA5AUC OE5KE	262 EI7BA G0DQS IK5HHA K4XP KR9U W1YY	255 K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI
288 PA3GCV SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP NJ6P S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ SP6AEG UW2ZM	269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N3NT N6SS NO8D SP1S SP5DIR	254 N0AT OM3DX WA4FFW
287 DL1RWN G3XTT			268 DL5DSM G3WPH LA3MHA RA3XDX RK4FD W1MK	260 EA5BM K1LT K4DY	253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG

252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	WB3AVN 246 DJ2TI F2JD JF8QNF N6TR TF4M W2TQC W5XZ 245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY 244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	UA3TT VE1YX VE3NH 240 JA5MHD K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA 239 G8VR JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK 238 DL8WN EA6ET IK0XEZ JA0DAI K1DG RA0FF VO1HP 237 DL7MAE NI0G OM4EX UR5EDX 236 AB4I K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK W3LL YO9HP	235 CX6VM EA6VQ JH4ADV K3SWZ K5EK N6DX OK1CF R7DX VE3XN WA7NS 234 AC4G AJ6T IZ8FFA K1AR K4UTE KF0QR NV9L PY1BVY 233 JA0FSB K0CS K2UU KA7T SK3PY SV8CKM UA4HAU VA2WA W7AO 232 JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T S51DI UA3AP 231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	230 DJ5FI FK8CP JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ 229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T 228 AF9H AI0O E72A EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ 227 DL7HU ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W1TC W9BF WB6RSE 226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ	VE6WZ W0VTT 225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK SP8NR VA5DX W7KW WA7NB 224 DL5WW IZ1LGB N0AV N8BM SP5INQ VK6VZ W2RQ 223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX 222 DF6PB IV3JVJ K3SV K6EID N5AW N8PR N9BX SM0CCM SP7GAQ 221 K4MWB K8FH K8SIX
251 DJ7RD DL9RT I1EIS JH0BBE N4II PY2RO W5UN W7LR					
250 HB9RG NQ1K OZ8BZ					
249 AI9L IV3ODE JR3IIR K9NW SP5DRH	243 DK2JX DK3DG IK0MHR ON4ATW S57A W9RPM WX4G				
248 K3WW K5RX K9RX N2NL SM3VAC SV8GFW T77C UT9FJ W9NGA	242 EA4KD KG7H 241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM				
247 AB3CV K0IEA K6XT NN4X NO2R R7IA					

MM0EAX	K5EJ	KG6I	W9EWZ	K3LR	W0DD
N6VR	N4PQX	KV7K		K4XO	W0MHK
W1ZK	N5UL	LA7JO	207	K9MMS	W2IRT
W6JRY	OE1ZL	N1ZZ	K1DT	KK2I	W3GG
WS6X	RZ0AF	N4MM	K1LPS	PA0A	
	W0GJ	NX0I	K3JT	R6AF	199
220	W6XA	OZ1AXG	K8EUR	W8GC	DK2LO
AG8B	YO7LCB	SM5CZQ	N9AU*		G0BNR
DK2NG	YU3AA	W1ECT	PY2BW	202	HB9DDO
HB9LCW	YV1DIG	WB9CIF	W0LS	AA5AM	JA2DPC
HL5IVL		WS9V		DL1MGB	K1GG
JA2WYN	215		206	DL2KQ	K6GXO
JJ3PRT	AD5A	211	IK0IOL	DL9DRA	N4DW
JR4OZR	K3JGJ	IK4DRR	JA3PIS	JA2JNA	W1TO
K8ZTT	N7JW	JA4DEN	K2VV	JA3CSZ	YO2DFA
KA1R	RA1QD	K3WA	K5AQ	JA5AQC	
N1LN	W0UO	RU3SD	K5MC	JH3VNC	198
N5JR	W2LK	UR5FEO	KG9N	JI2KXK	DL1ROJ
VE3EXY	W6YI	WA5VGI	N8DJX	K2NV	G3UJE
			SM6BZV	LY1G	G4BUE
219	214	210	US0KW	N5ZM	IT9JNR
IK3VUU	DL7BA	I8SAT	VE3BW	N7KA	RX3APM
JA2FBY	HL3IUA	JA7MSQ		OK1DOT	W8HB
JA2FJP	IZ8VYU	JJ2LPV	205	R9TO	
JF3KON	JA2JW	UW7LL	F6EXV	RA3S	197
LA7GIA	K4NA	W7JW	I4KDJ	SM2OAN	G3SNN
LB8DC	OK1DX		JA3AAW	UA9FAR	I5KKW
OE8RT	RN7G	209	K8AC	W7DO	IK0FVC
RA3WDK	W4NL	DL5CF	KA9FOX	WA2HZO	JH2UVL
SP4K		DL9MRF	LA7HJA	ZL3IX	K8NVR
UT7UV	213	EA1RT	PY2XB		OE4PWW
WA2UUK	DF2IS	EU1KY	W8UN	201	OE5FIN
	EI3IO	HB9CXZ	WB8ZRL	CU2DX	ON4CD
218	HA1RW	HB9DDZ		DL1EJA	RZ6FA
DJ4PI	JA2IVK	JA0UUA	204	F4BKV	UA0SC
DK0PM	JF6DSZ	N9LB	DJ5AV	JF1PUW	UT5EL
IK1YDB	K1ST	VE1DX	IK7NXM	JO7WXN	
JA8CDT	LA4GHA	VE3LYC	JA9NFO	K3HP	196
K0EU	NA2M	W0ZR	K4JJW	N4QS	4Z4DX
K5UO	RU4SO	W7KNT	KK4SI	W5TCX	AA4HP
UT4MF	W0LYI		LX2A		IK4PLW
W5PJR	W1FJ	208	N4NX	200	IZ8FWN
	W2WG	G3NSM	N7FU	AG4W	JA3RAR
217	W3YY	I4LCK	UA0SR	G0OIL	JA4PXC
DM5EE		JA9FPI	US6EX	JA1GTF	K8PO
K5PC	212	JF4VZT	W2HUV	JH2RMU	KP2A
ON6YH	AA9A	K2FU	WD8PKF	K1GE	ND0N
UA3AGW	DL9GFB	K5RT	WF4U	K9US	RA9CMO
	F6DAY	N5ORT	WI8A	K9YY	RZ4FO
216	JH0INP	RU3ZX		LA5YJ	W0FS
JA6LCJ	K4MQG	UN5J	203	RW4NN	W2FCR
JA9PPC	K8ZH	UY1HY	JA2XYO	RW7M	W4UM
JH1IFS	KE9I	W6PJ	JE1PNX	UY0ZG	

195	K9EU	WA6YEE	K8VC	W8KEN	K4DLI
EA3JL	KF7PG		LA3WAA		K5GKC
EA5RM	N4DB	187	N9MB	178	N7IR
G3ZEM	N5LZ	AJ1H	NN2L	4Z5CX	N7XR
JA1EOD	W3UA	K0SR	ON6SAS	EA3CJ	PE1L
JH1QAX	W3YQ	K6SRZ	W2FP	JA4MRL	SP1MGM
JN7FAH	W8LGJ	KL0S	W8NW	JE2URF	TF3SG
K7SO	WN6W	KN5O		K2UR	VE3FF
K9RT		N2NS	182	LA0FA	WX0V
KF8UN	191	NE1B	DJ9ON	NE0U	
N1SV	JA1ANR	OK1CZ	DK3UA	SM7DLK	174
NK1K	K0JGH	SM0NJO	HA5WA	SV1JG	4Z5MU
W5ZG	K8FC	W7AWA	HK3W	W6NWS	JA0GJJ
W9OP	K9LA		JA1SHE	W7MEM	JA2XW
	RK2FWA	186	K8RRT	ZS1LS	JA7MOL
194		9A8A	UR3EO		JF7DZA
K4KDX	190	IK2QPR	W1YM	177	JK1OPL
K9JF	CT1IUA	JA8DNV		9H1SP	JR6PGB
KB9LIE	IZ8XQC	K0BJ	181	AE5E	K0TT
KC9ARR	JA1DUH	K3PA	DK3WW	CT1EAV	K1KI
LA7AFA	JA1MCU	K7LAY	JA3ENN	CT1GFK	K2KA
W1NT	K2TE	YL2TW	JN4MMO	IK4ADE	K3AJ
W2LO	K9KU		K2EP	JE1BMJ	K4TR
W4FC	KM1D	185	N3OC	K3WC	K4WS
W9OO	N4XU	AB6QM	VE3OSZ	K9NU	OE1WHC
WD8JJA	N5GH	EA6BF	W9AJ	SM6DHU	RN7F
	SM7GIB	G3KWK		W2OR	UA3LNM
193	SP2LNW	IK3SWB	180	W5LT	W8UV
DF2GH	VE7VV	JA2LCP	DM2DXA	W7FI	W8VVG
DK1FW	WE9R	K5ZD	DM3VL	WB7B	WT8C
DL5ZB	XE2X	N4TJ	EA8JF		
DL6ZXG		N5UR	JA2BDR	176	173
EA3WD	189	OE2BZL	K6SSS	CT1FPQ	5B4ALJ
HA5BSW	9A2F	SV1DPI	K7BG	EU1AB	I1JQJ
JA0EOK	EA8PP	UA9CBO	LA9AJA	I6FLD	JA1PPW
JA1XEC	FM5CD		N1RR	JA0DET	JA9TWN
K4ODL	JA0VSH	184	N4AH	JA5IU	K1NTR
KB8VAO	SP7HOV	I2AOX	ON5FP	JA6BJV	K4XR
N9EN	UA7T	JA2ZL	UT2UB	JA8KSF	K9YC
PA0LOU		JF1NZW	W1RM	JL1SAM	KA1J
RN1ON	188	K4HGX	W7BEM	K8MN	N5FG
UA0CA	AA1ON	K5KLA	W8TN	N5OK	PY5EW
W9MU	AB4IQ	KB4ET		OK1DWC	W8HC
WA2VYA	JA1KQX	OH2IS	179	RL3FA	
	K0BBC	S57AC	IT9ELD	SM5FUG	172
192	KB0EO	US8UA	IW0SAF	W4BP	G0BLB
9A2NA	KB1EFS	W2YJ	JR7BDQ	W4GD	G3NKC
JA7JWF	KE9ET		K8WK	YO7NE	IZ5MOQ
JH1RFR	N8LJ	183	N2PK		JA3FGJ
K3FN	RM0F	CT1FMX	OK1MG	175	JG0CQK
K4FJ	W6SR	CT3MD	S57UN	JA1CHN	JG3IWL
K5XX	W8JV	IT9INO	SM4DDE	JA9NLE	K0DEQ
K7GM	WA3C	K4CN	SV3FUP	JS3CTQ	K1BD

K6FG	JE2LPC	WA8TXT	W0HT	W6BJH	K8YSE
KJ0M	JE7JDL	WP4U	W0TT	W7SX	KS1J
W3JX	JF2UPM		W1LW	W9RN	N3RC
W4FQT	K5QY	165	W4DKS	WD5BJT	N3UA
WC4X	K8RYU	DL7UCX	W8WEJ		UA3SAQ
	KR4F	EA7TV	WA9PIE	158	VA3LX
171	N4QQ	I2ZGC		DJ4PT	W1YIF
AA9D	N8BJQ	IK0AGU	161	DL1FKA	W4TV
DL6KR	PA7F	JE7RJS	DK2GZ	IT9DSZ	
G0EHO	SP5GH	K5JZ	DL6RAI	JA9APS	155
HA9PP	W4SVO	KK4CB	HB9DHK	JH1TWT	DL1RK
JA6HUG	W6VX	N9FN	JA1DOF	J11FXS	DL4SZB
JR1TNE	W8OI	NY0V	JH4CPC	J11NJC	JE3GRQ
K1NU	WA5YNB	RC9F	K1USA	JR1GJP	K2LS
LA5LJA		SM4CTT	K5GO	K5TT	K4RG
N0RN	167	SP6EQZ	K8ND	K9GA	K4WA
N4OGW	DK5AD	W0DJC	LB2TB	OZ1HX	NE0DX
N7RO	JA6VQA	W5BN	N4GN	RU6M	NW7E
N9RC	JE3ENP		OH6RA	SM4EMO	SM6VR
RA3DNC	K4XD	164	VK3HJ	W0SZ	WE1P
SV1LK	K6KO	GU4YOX	YU2TW	W1OX	ZS6EZ
	K8NK	HA7UW		W2XL	
170	K9MBQ	HB9BZA	160	W3GQ	154
DJ6TK	N0IJ	JA1RTX	AD5Q	W4QN	3V8SF
JA6JPS	N3BNA	JA7ZP	DK1WB		GM3PPE
JF1WPB	PA3C	JH2SON	DL1DA	157	HB9BUN
JM1GYQ	RA1AOB	K1NJ	EC3A	AA4H	JA8NFV
K6ZZ	RN9N	N4HB	EI6FR	AC6DD	JR3OEH
KI5BLU	S51EC	N5WA	IK0FUX	DL6MRS	K0KVR
N4PY	SP3FAR	RA3ZH	IW2FND	EA5BY	N7WS
SP3GTS	UN9L	RN3OG	IZ4DPV	G3TQZ	NX8Y
SV3KH	VE6WQ	SV2AEL	JA2EPW	G4GIR	W1NA
W3IP	W1YW	W4NS	JE2OVG	JA1GHH	W2XI
W9EVI	WA0MHJ		JF2XGF	JE2DZC	W5DNT
WA3AFS	WA4LOX	163	JR7MAZ	JH2QMT	WB0TEV
	WC5N	9A2JK	K3MSB	JH7IAJ	WS7L
169		DJ9HX	NR4M	LY5A	YS1RR
IK0PEA	166	JE2LUN	RU6L	N5MOA	
JA1ADT	4Z1UF	K7NN	UA0FZ	NE9Z	153
JR1IZM	DJ4SO	K8TL	UX5UO	RU4UR	AA6AA
K1LI	HB9FMN	UR4CWQ	W1BR	SM3PHM	AJ9C
N1EN	IV3TDM	VE3CFK	W5XC	SV8ZS	DL3ZA
N4XX	JA1FNA	W7AL	WX0B	W2TA	G3TJW
N7US	JA9LJS	WW3S		W5GZ	HL2CFY
UT8MM	K1KA		159	YV2IF	JF1IRW
UY5AA	K3KY	162	HB9TKS		JR9OPJ
W6RW	K4JLD	4O3A	JA4FKX	156	K7SP
W7YAQ	K4PB	9A4W	JH6QFJ	AB9V	K8VJV
WB3JFS	K4ZYU	F3AT	JH7CFX	DL4MM	N4TV
	OH2BLD	JA6GIJ	K4RO	F6HDH	N5TW
168	RM3DA	LB6KC	OK2ZV	IZ8IEV	N8II
G3MXJ	W1RR	N8MR	UN7JX	JO7HAM	R9OK
IK2EGL	W8ILC	RW3RN	W3HKK	K0QC	SM6CLU

SP5CCC	K5TR	147	DL5KUA	NQ7R	139
UT5UY	K7LV	EA3GP	E70T	NY2NY	DF7EE
WB8BPU	K8AJS	F5PAC	EI6IZ	OK1DO	DJ4XA
	KU4XO	IV3VBM	GM3ITN	W2OO	DL5EBE
152	N3QE	JA1XQC	HB9BYQ	W5ADD	DL8OH
EW2A	N9CO	JH4ALY	I5MXX	W5LUA	JA1TMG
HB0CC	OE5RLM	K7HP	IT9GSF	W5VQ	JH0BQX
JT1CO	OE8SPW	K8UT	IZ4GWE	WA5POK	JJ1DCW
KQ4AV	SQ5EBM	KM1H	JA3GN	WB8CQV	K3ANS
KS3F	SV1CNS	N1IBM	JA5XAE		K6AM
N9OY	UA6YW	PC3T	K0VSH	141	K8GI
S55ZZ	W6DAO	W1OP	KD0PO	AC9S	K8RF
UA6IGI	W7CT	W2KKZ	N1IX	DL5MHQ	KA8SYV
UN7LZ			N3KK	EW1BA	KU0A
UT5AB	149	146	SM4OLL	HB9FMT	LA8WG
VE6LB	DL7CX	EU4A	SM5CLE	JA1PTJ	OK1MP*
W1SKU	HB9HFN	G4FTC	W4GE	JA2ATE	OK2QA
W1VT	IK4FNF	JA1HQG	W7ZI	JA9RRH	SM5CBM
W6RLL	JA1SVP	JA4DHN	W8RLS	JH1HHC	SV8ZC
W7AJ	JL1ARF	JH1GNU	WC5M	JL1UXH	W0SD
WB3CQM	JR5JAQ	K1CA	WD5T	K2RW	WA8WV
	K3RA	K5KV	YO3CD	N8OC	
151	K3TN	K5SM		NJ3K	138
AA7G	K4YYL	K6NR	143	OE6VIE	DK8MCT
CU2AP	K8ME	K7WP	DL1DUO	SV3FUO	DK8YY
DK2OY	K8ROX	LA6OP	DL6EN	W2CG	EI9FBB
EI9JF	K9MK	N7BT	HS0ZEE	W3BW	F6DDR
F3SG	R8TX	RU0SN	K7CMZ	W4JVN	IK8EPC
IZ3ENH	SM6CUK	W1IZL	K7CW	W4VIC	JA3OOK
JA2VQF	UW7UA	W1ZT	KJ9C	W4WT	JF3LOP
JA6BEE	W0GG		LZ2ZG	W8HW	JH7RXU
JH1NYM	W7HPW	145	N2RJ	ZS1C	K1RO
JR1XIS	WB8B	AF4HX	N2WM		K2RET
K2AX	WD5K	HI3T	N5UW	140	KJ6P
K2FW	WS5W	I0JBL	N6PAT	9A1CAL	LB5WB
KR2Q	WW2DX	JE6TSP	NN4R	DF2RG	NA5C
N5JB	YO3DDZ	JJ3HGJ	W0IZ	K5WK	ON6AA
OK1ATP		JK1AJX	W6QUV	K6KLY	OZ8X
RD3A	148	JN1BMX	WB8ZRV	KF8DX	RW4CY
RU3A	CT1FCX	K1OA	WD9DZV	N4XP	V51B
S54A	DK2CC	K3VAT		N6PSE	W1GD
SP7AWG	F5CQ	K4OY	142	OH6NIO	W2YE
SV9AHZ	F5LVL	K8BL	I5HOR	ON7DR	W4YV
W7RH	HB9SLO	KF6HI	IT9BLB	UN1L	W7OM
WA1Z	JH1QDB	N1CGP	JE1FQV	VE6SV	
WA2BCK	K5VWW	N4GG	JR7WFC	W0SEI	137
WP4G	N2WB	N5XZ	K3PP	W4NU	DS1JFY
	NE3F	RT0F	K4WZ	W7IV	EA1YO
150	W2/CT1GIF	SM3DTR	KK1W	W8GNM	GM3YOR
EA1AF	W5FKX		LA9VFA	W8LWU	IZ0RVI
IV3RAV	W9JJB	144	MM0SAJ	WO2T	IZ2FOS
JA2NQG		CU3EQ	N7QT	YL2MU	JA3APU
K0RS		DL5CW	NA4D	YO9FNP	JA4OK

JH4JNG	W4RFZ	JA6CBG	JG1DUZ	R9SG	OK3CQD
JR2LJO	W6JTI	JR6FC	K2MYR	S53X	PA3EWP
K2QMF	WE4S	K6YUI	K6SIK	S55DX	PA5TT
K6EME		K9ZM	K7LFY	SM3GQP	VE3CX
K8NS	134	N6HY	K8BCK	SV3DCX	VE7BV
RA3CO	CT3HF	ON4CAS	K9GL	VQ9LA	W8MK
RG7G	IK4DCS	OZ2RH	NA4EA	W2WC	W8REW
UU1JA	JA7LGE	SM4BZH	NO9E	W4IS	W9ILY
W1ITU	K1TO	SM6BGG	OZ2ABI	W6RKC	WB0O
W5ODD	K3OX	SP6M	R3VA	ZS1A	WB2REM
WB5JID	K7XB	VE3CRG	R5QA	ZS6UT	WD4LBR
	KX4TT	W4AXL	R9AB		XE1KK
136	N9MR	W4RBO	RU1AO	127	YU1EXY
E72U	N9RS	W4WM	TA1CM	HK1MW	
ER0FEO	NA5DX	W5SL	VE3DO	JA1DDH	125
HB9IQB	OE1TKW	W6DR	W2MPK	JA1WLO	9A1AD
IK8CNT	PY5HOT	W7AH	W9ZT	JA8RJE	AG1A
JH4HMG	RG6G	W7CD		JA9KRO	GW3TMP
K0TV	RX4HW	W9FR	129	JH3AIU	HK4SAN
K7TM	SM0BYD	WB3D	HA1RB	JS2LHI	IK5DNF
KR6C	UA0ACG	XE2S	HB9AZZ	K0RW	JA4IYL
N2ZN	W4JKC		JA1NWD	K3TRM	JA6VU
OK1DW	YU1AM	131	JA8JO	KM3T	JE1TSD
SM5OJH		DK7YY	JI4POR	KM4NS	JE6UWU
SP2BMX	133	G3UHU	K3NK	N1AC	JF2WXS
UT3UZ	9K2NO	HS1NGR	K4TT	N1GC	JH4ADK
UW8SM	EU1U	IV3KFB	K6XM	OE8HIK	JL1RUC
W2OIB	HB9CQK	JA2TBS	N0YY	S51NM	K1HAP
WB7QXU	IZ8DFO	JJ1TEA	N3KS	SK7AX	K5KG
	JA7GLB	JM1FHL	N3RR	SP6A	K8DV
135	JA9AGN	K1UU	PY5EG	SP7ASZ	KA6BIM
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F6FXU	K2CDJ	KH2L		W0YVA	LZ1XL
IK8GYS	KS4YT	KM3V	128	W3BG	N2KA
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JA7LMZ	OE1KM	N3MK	DM2RM		N4JT
JA8BNP	RA5BM	N4QWZ	IT9ZZO	126	N9RD
JA8JL	RV4LC	N5PHT	IU0HDC	DJ8WD	ND5S
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NZ9R	VE3WT	R0SR	JA9AA	G4IUF	OE3SGU
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R7LP	W2QO	R9SA	JH4GJR	JA1XCZ	UN7JID
RN3RQ	W5AJ	W8DCH	K0FF	JA7KY	UU7JM
SM3LGO			K3XA	JH3CUL	VE3UTT
SM5CZK	132	130	K4JAF	JJ1DWT	W5DAW
SP3XR	AA4NC	DF9ZW	K4SE	JN1RQV	W8LMG
W1DIG	AB9M	E73M	K6LPO	K2ZD	W9CG
W1EQ	AD6W	EI2JD	KG7CW	K4JKB	YO2RR
W2GD	HB9RYZ	G7VJR	N5KM	K4XU	
W4BUW	IT9RDG	HK0HEU	OH1ZK	LB7ZG	124
W4MBD	JA2KVD	JA2FBC	OZ1IKY	N8NA	AA7XT

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K4ZO	JH1AGU	EI2GLB	K5UZ	AE0P	TZ4AM
KD4POJ	K1ESE	FG5FR	K7EG	BH4IGO	UA4PCM
NA2U	K1YT	HB9BLQ	K8KWT	DL1DWT	VA7CRZ
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UA0BA	K7ZA	IZ5NFD	N0KV	IT9DAA	W1WEF
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W2JU	LA8PT	JR6LLN	NT2A	JA4FM	W8LRO
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W6CYX	NN7X	K3QIA	OK1DT	JM3GXU	
	OZ3Y	K5JC	R6FFB	JR2UBS	115
123	RD4A	K6FW	SV1ACK	K1BZ	AA5JF
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G5LP		N4TL		N2BJ	G8DX
HB0WR	121	N4UFP	118	N3ND	HA5UK
IK2CHZ	AA6RR	OE3EVA	5T5PA	N4IR	IZ7JVR
IK3XJP	CT3KN	OZ2A	AA4DD	N6MB	JA2KNW
JA0CRG	DF1DB	PZ5RA	AB2E	N8AA	JA5FDJ
JA1SJV	DK1EI	RL3BZ	DL5OCE	N8XI	JH1RFM
JA3MHA	DK6CQ	SP6JIU	JA4FHE	NY4G	K0GD
JA6WJL	HB9DHG	SP7ITB	Ji8DGO	SM7BIC	K0SD
JR1EBE	IK2SGB	UR5IKN	K3FRK	SP8HKT	K4CMS
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K5GH	N0OK	W3OA	K8WVA	US1CT	K8YTO
K7UT	N1JP	W4PRO	K9DR	W4ZRZ	KO8SCA
K9CS	N6HC	W6RFL	KD2T	W6SL	LY4T
KV4T	SV1AHX	W7RN	KD6UO	W8ZR	N0IRM
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NA2P	W2GG	DK3GG	PY2PA	DL7URH	UA1ANA
S50B	W3RJW	EW4M	RN3TT	EA5BRE	UA1CGS
UA3DK	W6XI	G4DJJ	SV9COL	HA7PF	UA6XT
UT3QU	W9XX	HB9AAQ	TA2RC	IK0EIE	UN6T
W1AO	W9YE	HB9BCI	VK4CAG	IK2OHG	VE3YF
W8NJR	WA1PMA	I2TZK	W1KSZ	IT9TQH	W4UCK
WB8K	WY1G	I4MKN	W4DAO	IV3HYD	YL2CZ
WV4TN	XE1VIC	IU0LFQ	W4NF	JA1WTI	
XE1H		JA3AZD	W4NJ	K1DC	114
	120	JA4XGC	W5JMW	K1RI	BA4DW
122	9A5F	JE2JMV	WT4Q	KT1V	BA7IO
BA4RF	AC9EM		YO4AUL	KV1J	CT3FN

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HK3PJ	NG0G	KB2FCV	K9AJ	KB4MRX	RW9QA
HP3TA	NI5F	KI4DLS	KM1R	KC2STA	RX3AGD
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JH6WMJ	SM5ARL	NA9Q	NA1DX	N4KE	W9FI
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KB8U	W2GW	W1HEO	W1FO	SV1VS	AI2Q
KZ4V	W6BK	W2CVW	W3FOX	UA3O	AL7R
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N4IQ	WA4DOU	W4VHF	W7VS	W4DC	HB9BAT
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WA9YYY		WA8OLN	WB9EEE		JK1MZT
WN9O	112	WT9U	YL3DQ	109	K1EP
XE3ARV	A92IO	ZP6CW	YO6HOY	DF1KG	K1XM
	DJ1RL			EA3GHZ	K2CJ
113	DK5RL	111	110	EU4T	K2KQ
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DJ5DT	EA1JO	AB4GE	DG7RO	G3SVD	K4WY
DJ9RR	EI8IU	AF4OX	DL1VDL	J68HZ	K6UT
DL8CM	EW1DO	CU3AN	EA5BYP	JA2CXF	K8OM
DL8DYL	G3XGC	DK2WH	F5BAR	K2ONP	KM8AM
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WB8BZK	WS1L	VQ9SS	N4NW	JO1WXO	
WC1M	XE2YWH	W1CWU	N4PL	K0WK	103
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		W2NO	N6NU	K4KEW	DJ1MM
107	106	W3ICM	ON7PQ	K4MF	DJ3GZ
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DO4DXA	DL3JSW	WC6DX	RA6AF	KA2BZS	EA7SG
EA5AT	DL6JZ	YL2GN	RD4WM	KH6KG/W5	EU6MM
EA7QW	EA3CCN	YU3EF	SP5JXK	KI0KB	EW3LB
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RN4AA	N3XM	K2XF	E73D	W0YBS	N1HOQ
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DL4CW	UA9MR	K2TER	UR7CQ	IK4MSV	N4ZR
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OK2PAZ
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ON7EH
ON7GB
ON9CC
OZ1ZD
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RA3SD
RA4LW
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RN1A
RT5A
RU3GF
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SV2DSJ
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UA6CEY
UN6P
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UR8IDX
US8UW
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VE7JKZ
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YB1TJ

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YO2CMI
YO9FLD
ZP9MCE
ZS2DL