

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 26 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	325 K9UWA UA2FF	W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA N1DG PE5T S50U W1JR	309 I4EWH	302 DL4MCF SV8JE
340 K1ZM		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IK4MGP IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
339 W4DR W4ZV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	299 K4TEA N1BUG SV1FJA UX1UA W7UT
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		
332 UR0MC	319 N0XA SM4CAN UT5UGR		304 DJ0MDR GM0GAV SM3GSK	
331 K5UR LZ2DF UT7QF	318 4X4DK W9ZR	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
330 AA1K HA0DU OH1XX R4GM				
329 K3UL UA4HBW	317 W3LPL			
328 UA4CC	316 K5RK OH3SR			

297 DK5PR N4CC OM2XW RA3DX W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	N9IW OH3BU OK1AWZ VE2TZZ	W1ZC
296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	268 DL5DSM G3WPH K8PT RA3XDX W1MK
295 K3UA			274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W8TE W8XD
293 JH4UYB S58T	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	265 AA4V* AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR W1GL YO5BRZ
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	284 K5XI SP3DV UX1AA	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
290 UA3AKO UT1UY	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY
			269 K6ND KD5M SP9JZU	261 9A4T DL9YX K2EK K5KC

N6SS NO8D SP1S	253 5B4AGN AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	EA6VQ JA0FSB JH4ADV K3SWZ N6DX OK1CF R7DX VE3XN WA7NB WA7NS
260 EA5BM K1LT K4DY UT9FJ	252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	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
259 DF4PL F6GCP G3ZSS I1FQH R9FM	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	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
258 KW9A N2NL RN3CT VE3QAA	250 HB9RG NQ1K OZ8BZ	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
257 K1GUN K9NW N4II N8TR W9YSX	249 AB3CV AI9L K9RX SP5DRH	242 EA4KD KG7H	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
256 9A5CY JA5BZL JH1GZE K5VRX K8FL SV8GFW W1TSP W3DF	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM	230 DF6PB JA1CMD KD0Q N8JV SM3NXS W4GF
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN YO9HP			
254 I1EIS N0AT OM3DX WA4FFW				

W4VQ	SP8NR	219	214	209
229	VA5DX	IK3VUU	DL7BA	DL5CF
CT1FJK	W7KW	JA2FBY	HL3IUA	DL9MRF
DJ4AX	224	JA2FJP	IZ8VYU	EU1KY
JA8FKO	MM0EAX	KV7K	JA2JW	HB9CXZ
J11BEX	N0AV	LA7GIA	K4NA	HB9DDZ
OE5NNN	N8BM*	LB8DC	LA4GHA	JA0UUA
RO7T	SP5INQ	OE8RT	LA7JO	KG9N
228	SP7GAQ	RA3WDK	OK1DX	N9LB
AF9H	VK6VZ	SP4K	RN7G	VE1DX
AI0O	W2RQ	UT7UV	W4NL	VE3LYC
E72A	223	WA2UUK	213	W0ZR
K4HB	AB0X	218	DF2IS	W7KNT
N2WK	DJ8NK	AD5A	EI3IO	W9OO
OH2BEN	HA7TM	DJ4PI	HA1RW	208
VE3DZ	JH2TPI	DK0PM	JA2IVK	G3NSM
WB6RSE	JH2TPI	IK1YDB	JF6DSZ	I4LCK
227	RT6T	JA6LCJ	K1ST	JA9FPI
DL7HU	SV2JAO	JA8CDT	NA2M*	JF4VZT
ES1RA	UR5FEO	K0EU	RU4SO	K2FU
I3BUI	ZS4TX	K5UO	W0LYI	K5RT
IK0HBN	222	UT4MF	W1FJ	N5ORT
IK6FWJ	IV3JVJ	W5PJR	W2WG	RU3ZX
JA1UQP	K3SV	217	W3YY	UN5J
JA2NDQ	K6EID	DM5EE	WS9V	UY1HY
JA9CHI	K8FH	JH1IFS	212	W6PJ
K1FK	K8ZTT	K5PC	AA9A	W9EWZ
K3NW	N5AW	ON6YH	DL9GFB	207
W9BF	N5JR	UA3AGW	K4MQG	K1DT
226	N8PR	216	K8ZH	K1LPS
DL5WW	N9BX	F6DAY	KE9I	K3JT
JA6BZI	SM0CCM	JA9PPC	KG6I	K8EUR
JF2KOZ	221	K5EJ	N1ZZ	N9AU*
JR6EZE	JA2WYN	N4PQX	N4MM	PY2BW
K9FD*	JJ3PRT	N5UL	NX0I	W0LS
N6JV	K4MWB	OE1ZL	OZ1AXG	206
ON4GG	K8SIX	RZ0AF	SM5CZQ	IK0IOL
SP3CGK	N6VR	W0GJ	W1ECT	JA3PIS
US0SY	W1ZK	W6XA	WB9CIF	K2VV
UT5JAJ	W6JRY	YO7LCB	211	K3LR
VE6WZ	WS6X	YU3AA	EA1RT	K5AQ
W0VTT	220	YV1DIG	IK4DRR	K5MC
225	AG8B	215	JA4DEN	K8AC
A45XR	DK2NG	IZ8FWN	K3WA	N8DJX
JH7PFD	HB9LCW	JH0INP	RU3SD	PY2XB
K1MM	HL5IVL	K3JGJ	WA5VGI	SM6BZV
K5AB	JF3KON	N7JW	210	US0KW
K9FD/KH6*	JR4OZR	RA1QD	I8SAT	VE3BW
N4CH	KA1R	W0UO	JA7MSQ	205
RA3QK	N1LN	W2LK	JJ2LPV	F6EXV
RV1CC	VE3EXY	W6YI	UW7LL	I4KDJ
RW3XZ			W7JW	JA3AAW
			WP4U	KA9FOX

LA7HJA
W8UN
WB8ZRL

204

DJ5AV
EA5KA
F4BKV
IK7NXM
JA9NFO
K4JJW
K9US
KK4SI
LX2A
N4NX
N4QS
N7FU
SM2OAN
UA0SR
US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

AA5AM
JA2XYO
JE1PNX
K4XO
K9MMS
KK2I
NK1K
OH1TV
PA0A
R6AF
W7DO
W8GC

202

DL1MGB
DL2KQ
DL9DRA
JA2JNA
JA3CSZ
JA5AQC
JH3VNC
JI2KXK
K2NV
K9YY
LY1G
N5ZM
N7KA
OK1DOT
R9TO
RA3S
UA9FAR

WA2HZO
ZL3IX

201

AG4W
CU2DX
DL1EJA
JF1PUW
JO7WXN
K3HP
W0MHK
W2IRT
W5TCX

200

G0OIL
JA1GTF
JH2RMU
K1GE
K1GG
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W1NT
W3GG

199

DK2LO
G0BNR
HB9DDO
JA2DPC
K6GXO
KB8VAO
N4DW
W1TO
YO2DFA

198

DL1ROJ
G3UJE
G4BUE
I5KKW
IT9JNR
JA4PXC
RX3APM
W8HB

197

G3SNN
IK0FVC
JE1BMJ
JH2UVL
K8NVR
OE4PWW
OE5FIN

ON4CD
RZ6FA
UA0SC
UT5EL
W0FS
XE2X

196

4Z4DX
AA4HP
IK4PLW
JA3RAR
K8PO
KP2A
ND0N
RA9CMO
RZ4FO
W2FCR
W4UM

195

EA3JL
EA5RM
G3ZEM
JA0EOK
JA1EOD
JH1QAX
JN7FAH
K3PA
K7SO
K9RT
KF8UN
N1SV
W5ZG
W9OP

194

JA1XEC
K4KDX
K9JF
KB9LIE
LA7AFA
SM7GIB
W2LO
W4FC
WD8JJA
WN6W

193

CT1IUA
DF2GH
DK1FW
DL5ZB
DL6ZXG
EA3WD
HA5BSW
K4ODL

N5LZ
N9EN
PA0LOU
RN1ON
UA0CA
W9MU
WA2VYA

192

9A2NA
JA7JWF
JH1RFR
K3FN
K4FJ
K5XX
K7GM
K9EU
KF7PG
N4DB
OH2IS
W3UA
W3YQ
W8LGJ

191

CT3MD
JA1ANR
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA1DUH
JA1MCU
K0BBC
K2TE
K9KU
KM1D
N4XU
N5GH
SP2LNW
VE7VV

189

9A2F
AA1ON
EA8PP
FM5CD
JA0VSH
SP7HOV
UA7T
WA3C

188

AB4IQ
CT1FMX
JA1KQX
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
SM0NJO
W1YM
W6SR
W8JV
WA6YEE

187

AJ1H
JA8DNV
K0SR
K6SRZ
KN5O
LA0FA
N2NS
OK1CZ
W7AWA

186

9A8A
IK2QPR
K0BJ
K7LAY
YL2TW

185

AB6QM
CT1EAV
EA6BF
G3KWK
IK3SWB
JA2LCP
K5ZD
LA3WAA
N4TJ
N5UR
OE2BZL
SP3FAR
SV1DPI
UA9CBO

184

HA5WA
JA2ZL
JF1NZW
K4HGX
K5KLA
KB4ET

S57AC	K8WK	K5GKC	W4FQT	N4QQ
US8UA	N2PK	LA5LJA	WA9PIE	N8BJQ
UT2UB	OK1MG	N7IR	WC4X	PA7F
W2YJ	S57UN	N7XR		SP5GH
183	SM4DDE	PE1L	171	SV2AEL
IT9INO	SV3FUP	SP1MGM	AA9D	W4SVO
K4CN	W8KEN	TF3SG	DL6KR	W6VX
K8RRT	178	VE3FF	G0EHO	W8OI
K8VC	4Z5CX	W8HC	HA9PP	WA0MHJ
N9MB	EA3CJ	WX0V	JA6HUG	WA5YNB
NN2L	JA4MRL	174	JR1TNE	
ON6SAS	K2UR	4Z5MU	K1NU	167
W2FP	NE0U	JA0GJJ	KI5BLU	DK5AD
W8NW	SM7DLK	JA1PPW	N0RN	EC3A
182	SV1JG	JA2XW	N4OGW	EI6FR
DJ9ON	W6NWS	JA7MOL	N7RO	JA6VQA
DK3UA	W7MEM	JF7DZA	N9RC	K6KO
HK3W	ZS1LS	JK1OPL	RA3DNC	K8NK
JA1SHE	177	JR6PGB	SV1LK	K9MBQ
JA3ENN	9H1SP	K1KI	UN9L	N0IJ
N3OC	AE5E	K2KA	170	N3BNA
UR3EO	CT1GFK	K3AJ	DJ6TK	OH2BLD
181	IK4ADE	K4TR	JA6JPS	PA3C
DK3WW	JL1SAM	K4WS	JE3ENP	RA1AOB
JA2BDR	K3WC	N1EN	JF1WPB	RN9N
JA9TWN	K4RG	OE1WHC	JM1GYQ	S51EC
JN4MMO	K9NU	RN7F	K6ZZ	W1YW
K2EP	SM6DHU	UA3LNM	N4PY	WA4LOX
LZ2ZG	W2OR	W8UV	SP3GTS	WB0TEV
VE3OSZ	W5LT	W8VVG	SV3KH	WC5N
W9AJ	W7FI	WT8C	W9EVI	166
180	WB7B	173	WA3AFS	4Z1UF
CT1FPQ	176	5B4ALJ	169	DJ4SO
DM2DXA	EU1AB	I1JQJ	IK0PEA	HB9FMN
DM3VL	G0BLB	JG0CQK	JA1ADT	IV3TDM
EA8JF	I6FLD	K1NTR	JE2LPC	JA1FNA
JE2URF	JA0DET	K4XR	JR1IZM	JA9LJS
K6SSS	JA5IU	K9YC	K1LI	K1KA
K7BG	JA6BJV	KA1J	N4XX	K3KY
LA9AJA	JA8KSF	N5FG	N7US	K4JLD
N1RR	K8MN	PY5EW	UT8MM	K4PB
N4AH	N5OK	W3IP	UY5AA	K4WA
ON5FP	OK1DWC	172	W6RW	K4ZYU
W1RM	RL3FA	EA7TV	W7YAQ	RM3DA
W7BEM	SM5FUG	G3NKC	WB3JFS	W0DJC
W8TN	W4BP	IZ5MOQ	168	W1RR
179	W4GD	JA3FGJ	G3MXJ	W8ILC
IT9ELD	YO7NE	JG3IWL	IK2EGL	WA8TXT
IW0SAF	175	K0DEQ	JE7JDL	165
JA9NLE	JA1CHN	K1BD	JF2UPM	DL7UCX
JR7BDQ	JH2QMT	K6FG	K4XD	F6HDH
K0TT	JS3CTQ	KJ0M	K5QY	I2ZGC
	K4DLI	VE6WQ	K8RYU	IK0AGU
		W3JX	KR4F	JE7RJS
				JH7CFX

K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	WE1P ZS6EZ 154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y W1NA W5DNT YS1RR	CU2AP DK2OY EI9JF F3SG HB9SLO JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW KD0PO N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK WP4G
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WW3S	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	157 AA4H AC6DD DL6MRS EA5BY G3TQZ JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	153 AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFX LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W2/CT1GIF W6DAO WW2DX
163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	159 JA4FKX JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V DL4MM IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV	152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	149 DL7CX HB9HFN I0JBL IK4FNF JL1ARF K3TN K4YYL K8ME K8ROX R8TX SM6CUK
162 4O3A 9A4W F3AT HB9TKS IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	158 AA6AA DJ4PT DL1FKA G4GIR IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K5TT	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI		
161 DK2GZ DL6RAI HB9DHK			151 AA7G	

UW7UA W0GG W7HPW WB8B WD5K WS5W YO3DDZ	JK1AJX JN1BMX K1OA K3VAT K4OY K8BL KF6HI KR0P N1CGP N4GG NA5C RT0F SM3DTR	W0IZ W6QUV WB8CQV WB8ZRV WD9DZV	K6KLY KF8DX N4XP OH6NIO ON7DR UN1L VE6SV W0SEI W4NU W7IV W8LWU WO2T YL2MU YO9FNP	W7OM
148 DK2CC F5CQ F5LVL F5PAC G4FTC JH1QDB K5VWW LA6OP N2WB N5XZ NE3F W5FKX W9JJB	144 CU3EQ DL5CW DL5KUA E70T EI6IZ GM3ITN HB9BYQ I5MXX IT9GSF IV3DXW IZ4GWE JA3GN JE1FQV K0VSH KJ9C LA9GX N1IX N3KK OH1JP SM4OLL SM5CLE W4GE W5ADD W7ZI W8RLS WC5M WD5T YO3CD	142 I5HOR JA2ATE JH0BQX JR7WFC K3PP K4WZ K6EME KK1W LA9VFA MM0SAJ N2ZN N7QT NA4D NQ7R NY2NY OK1DO W2OO W5LUA W5VQ WA5POK	139 DF7EE DJ4XA DL5EBE DL8OH DS1JFY JA1TMG K3ANS K6AM K8GI K8RF KA8SYV KU0A LA8WG OK1MP* SM5CBM SV8ZC W0SD WA8WV	137 EA1YO GM3YOR HB9CQK IZ2FOS JA3APU JH4JNG K2QMF K8NS RA3CO RG7G UU1JA W1ITU W5ODD WB5JID
147 EA3GP IV3VBM JA1XQC K7HP K8UT KM1H N1IBM PC3T W1OP W2KKZ	143 DL1DUO DL6EN HS0ZEE IT9BLB K7CMZ K7CW N2RJ N2WM N5UW N6PAT N6PSE NN4R	141 AC9S DL5MHQ EW1BA HB9FMT JA1PTJ JA9RRH JH1HHC J11DCW JL1UXH JR2LJO K2RW N8OC NJ3K OE6VIE SV3FUO W2CG W3BW W4JVN W4VIC W4WT W8GNM W8HW ZS1C	138 DK8MCT DK8YY EI9FBB F6DDR HB9RYZ IK8EPC JA3OOK JF3LOP JH7RXU K1RO K2RET KJ6P LB5WB ON6AA OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV	136 E72U ER0FEO HB9IQB IK8CNT JH4HMG K0TV K4ZO K7TM KR6C NA5DX OK1DW SM5OJH SP2BMX UT3UZ UW8SM W2OIB WB7QXU
146 EU4A JA1HQG JA4DHN JA5XAE JH1GNU K1CA K5KV K5SM K6NR K7WP N7BT RU0SN W1IZL W1ZT				135 5B4MF DJ9ZB F6FXU IK8GYS IU0HDC JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4ZRJ K7FL K7XB NZ9R R7LP RN3RQ SM3LGO SM5CZK SP3XR
145 AF4HX HI3T IZ0RVI JE6TSP JJ3HGJ		140 9A1CAL JA4OK K5WK		

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W1EQ	K9ZM	K2MYR	S55DX	PA5TT
W2GD	N6HY	K3NK	SM3GQP	VE3CX
W4BUW	OZ2RH	K6SIK	SV3DCX	VE7BV
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W6JTI	SP6M	K9GL	W2WC	W8REW
WE4S	VE3CRG	KO8SCA	W4IS	W9ILY
	W4AXL	NA4EA	W6RKC	WB0O
134	W4RBO	NO9E	ZS6UT	WB2REM
CT3HF	W4WM	OZ2ABI		WD4LBR
IK4DCS	W5SL	R3VA	127	YU1EXY
JA7LGE	W6DR	R5QA	CT3KN	
K1TO	W7AH	R9AB	HK1MW	125
K1ZN	W7CD	RU1AO	IK2SGB	9A1AD
K3OX	W9FR	S51NM	JA1DDH	AG1A
KX4TT	WB3D	TA1CM	JA1WLO	GW3TMP
N9MR*	XE2S	VE3DO	JA8RJE	HK4SAN
N9RS		W2MPK	JA9KRO	IK5DNF
OE1TKW	131	W9ZT	JH3AIU	JA4IYL
PY5HOT	DK7YY		JS2LHI	JA6VU
RG6G	G3UHU	129	K0RW	JE1TSD
RX4HW	HS1NGR	HA1RB	K3TRM	JE6UWU
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SP6JIU	JA0AOO	JA1NWD	N1AC	JH1AGU
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W4JKC	JH4ADK	K4TT	N9RD	K5KG
YU1AM	JJ1TEA	K6XM	OE8HIK	K8DV
	JM1FHL	LB7ZG	PA3EWP	KA6BIM
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EU1U	K9DR	N3KS	SP7ASZ	N2KA
IZ8DFO	KC2LSD	N3RR	W0CP	N3EN
JA7GLB	KH2L	W0YVA	W0RT	N4JT
JA9AGN	KM3V	W7QHE	W1OPD	ND5S
JR6FC	KM4H	W8MET	W3BG	NW6S
JR7FRW	N3MK		W3FOX	OE1AZS
K2CDJ	N4QWZ	128	W3MF	RA0BA
KS4YT	N5PHT	AA4SC	XE1KK	UU7JM
KU2A	N6RK	DM2RM		VE3UTT
OE1KM	ON4ON	IT9ZZO	126	W5DAW
ON4CAS	PY5EG	JA2AHH	AC9EM	W9CG*
RA5BM	R0SR	JA2KSP	DJ8WD	WV4TN
RV4LC	R9MJ	JA9AA	DL9FCY	YO2RR
UQ2PZ	R9SA	JE1LFX	F8BPN	
VE3WT	W8DCH	JH4GJR	G4IUF	124
W0NFL	ZS1A	K0FF	IZ7EVZ	AA7XT
W2QO		K3XA	JA1XCZ	AB1OC
W5AJ	130	K4JAF	JA7KY	J11DHY
	DF9ZW	K4SE	JH3CUL	KD4POJ
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AA4NC	EI2JD	KG7CW	JN1RQV	PA0TCA
AB9M	G7VJR	KM4NS	K2ZD	UA0BA
AD6W	HK0HEU	N5KM	K4JKB	VA7CRZ
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W3FM	RD4A	K5JC	W8FIB	N4IR
W6CYX	UU4JMG	K6FW	WC2K	N8AA
WB8K	VE6AX	KA8ZPE	WP3R	N8XI
123	VK4CAG	N4BAF	XE1RCS	NY4G
AC4TO	W2TB	N4LR	118	OZ5HP
DL7JRD	WA3I	N4TB	5T5PA	SM7BIC
F4GTB	WA7BNG	N4UFP	AB2E	SP8HKT
G4WFFQ	121	N8PW	DL5OCE	UA6J
G5LP	AA6RR	OE3EVA	JA4FHE	UB3A
HB0WR	AA8CH	OZ2A	J18DGO	UR9IDX
IK2CHZ	DF1DB	PZ5RA	JN7DOS	US1CT
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JA1SJV	DK6CQ	SP7ITB	K4CNW	W6SL
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J14WAO	IT9AAI	US0YA	K8LN	116
JK1EXO	JA2HYD	W0RX	K8WVA	AJ4F
JR1EBE	KD8RQE	W2YR	KD2T	DL7URH
K2PK	KG9Z	W3OA	KD6UO	EA5BRE
K3XO	N0OK	W4PRO	KG8CW	HA7PF
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K7UT	N4TL	ZL4AS	N2MM	IT9TQH
K9CS	N6HC	119	N4DJ	IV3HYD
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S50B	W3RJW	HB9AAQ	W5JMW	NA9Q
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XE1H	XE1VIC	JE2JMV	BH4IGO	W1WEF
122	120	JH6CDI	DL1DWT	W7GG
BA4RF	9A5F	K3FRK	G3PLP	W7OEV
G3NDC	AA5JF	K5UZ	IT9DAA	W8LRO
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K2MP	IZ0LKV	N9UA	JA7IC	DL9GOA
K7ZA	IZ5NFD	NT2A	JM3GXU	G4XEE
LA7WCA	JA4EPE	NY7T	JR2UBS	G8BCG
LA8PT	JR3UIC	OH5NG	K2BB	G8DX
N3NR	JR6LLN	OK1DT	K3NF	HA5UK
N9AW	K2BA	R6FFB	K6PJ	HK3PJ
NN7X	K2HK	SV1ACK	K8OOK	IW0HEX
		VE3YF		

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JA3NHL	W3MR	112	DK2WH	JA7EPO
JG3LGD	W4TUN	A92IO	DK6ED	JE2UFF
JH1RFM	WA1FCN	DJ1RL	DL1HRN	JH1VHU
K0GD	WA4CEM	DK5RL	EV1R	K2BLA
K0SD	WA8MCD	DL5CL	F6ECI	K3JRR
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K4GHS	WN9O	EI8IU	HL3GOB	K4WW
K4GK	XE3ARV	EW1DO	JA1AUD	K6MI
K8YTO		G3XGC	JA1FGB	K6VKO
LY4T	113	HB9CEX	JA1NCZ	KB4MRX
N0IRM	9A1A	HB9CRV	JE8TGI	KC2STA
N4OA	DJ5DT	HB9G	JF2WGN	N2CG
N5BO	DJ9RR	IK2ANI	K0FLY	N3HBX
N8KOL	DL8CM	IU8FRE	K5WAF	N3IQ
OH8LXT	DL8DYL	IZ4DIW	K7ORK	N3JB
PA3AXU	G4AFJ	JA1SXR	K9AJ	N4KE
RZ6MJ	HB9EFK	JA4BXL	KM1R	NC6K
UA1ANA	JA0GCI	JA7BXS	KP4AA	NK7C
UA1CGS	JA4ITW	JR7TEQ	KZ0X	NY4I
UA6XT	JH1ORA	K0JPL	LA0CX	RD9M
UN6T	K0TPP	K1EDG	N4WJ	SM5BHW
W4UCK	K8SL	K1EO	N7BD	SP9WZS
W5VY	K9GWH	K1KO	N9HF	SV1VS
YL2CZ	KA4RRU	K4UAS	NA1DX	UA3O
	KH6DX	K8CC	UR6QA	US7MM
114	KI0G	KB2FCV	VE6KC	W0UY
AB4GE	KT1J	KI4DLS	VE7CT	W3XY
BA4DW	N6PE	KM1C	VE7UF	W4DC
BA7IO	N7KO	LA8HGA	W0VHF	W4NE
CT3FN	N9ISN	N5ZC	W1FO	W5ZPA
CU3AK	NA3F	N6MA	W4HOG	W6KK
DL6NB	NG0G	RU4SU	W4OX	WL7E
F6CWA	NI5F	SM3DMP	W5AQ	XE1FAS
G3SDL	NK5B	UA1ACG	W7VS	YU7AU
HP3TA	ON5UE	UA1CEI	W8KA	ZL3NW
I5OYY	R7NA	UT6UD	W8MIL	
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JA1OVD	RZ3AUL	W1HEO	WA2BOT	DF1KG
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JA5WIZ	SP3EPG	W2SKI	WB4TDH	EU4T
JH6WMJ	SV1JFV	W3UL	WB9EEE	F8EZE
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K3MD	W2GW	W8GEX	110	K2ONP
K3OSX	W6BK	W8HMK	BA4MY	K4RDU
K5CD	W8FAX	W9SE	DL1VDL	K5FZ
K5RJ	W9DX	WA8OLN	EA5BYP	K5KA
KB8U	W9HBH	WT9U	F5BAR	K5KPE
KZ4V	W9VNE	ZP6CW	G3LNS	K6MW
N1QY	WA4DOU		G8AJM	KE1F
N2JJ	WB2HJV	111	HC1BI	KZ5DX
N3MN	WB2UFF	9K2OD	I2BBJ	N1BZ
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NU8Z	XE1RBV	AF4OX	IK8UHA	N7TY

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ND4V	W2UB	US5CB	OK1AYU	N4PL
NN4RR	W3NRJ	VE3OI	OK2BVG	N4SC
NU4I	W4ZYT	VK3NX	S57AL	N4VN
NX7U	W7ACD	W3KB	UR3CRO	N6NU
PY5CC	WA2ALY	W4MAY	UT7UU	N7DR
RW4UU	WA8MOA	W6TDX	UU5WW	ND3L
RW9QA	WB8BZK	W8IW	V73AZ	ON7PQ
RX3AGD	WC1M	W8VK	VQ9SS	OZ4AAL
TG9NX	WC6DX	W9CPV	W1CWU	PF7M
UB5ZAL	WD9EQU	WA0RVK	W2EQ	PJ2/K8ND
UT7KF	WW1WW	WB6CJT	W2LE	PY2DS
VU2CPL		WB8ART	W2NO	R6YY
W5WP	107	WS1L	W3ICM	RA6AF
WB5TUF	4Z5LA	XE2YWH	W4IR	RD4WM
WN0L	DJ8ES	YL1XZ	W5JAY	SP5JXK
YV3AGT	DK3FB	ZL3RJ	W5KI	UA6LCN
	DL1QQ		W8OP	UR1RWX
108	DL2CHN	106	WA4MYO	UR2RGN
AI2Q	DL5XU	AA4FL	WA6TLA	VE1PZ
AL7R	DO4DXA	AE2U	YL2GN	VR2MY
DL6CNG	EA5AT	DJ6OZ	YU3EF	VY2ZM
ER1LW	EA7QW	DL2NOM		W1LE
G3VAO	FG8OJ	DL3JSW	105	W1LY
HB9BAT	G4AKY	DL6JZ	DF2PI	W1MRH
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IK0PRG	I5IHE	HA8DZ	DJ3XD	W6FF
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IZ2EWR	JA5EY	IW3GJF	DL4ZAB	YU1NR
JA2MOG	JA6OXT	JA1VLK	DL6XK	
JJ2PIK	JA8JTH	JA2MNB	DO1CTL	104
JK1MZT	JH9DRL	JE6IGP	ES1GO	9M2AX
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K1XM	K0MD	JG5RVQ	HA8FW	AG4Q
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K4WY	K4MS	JR0EQQ	JA6VA	DK3BK
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K6UT	K8LBT	K1PX	JA8RRF	DL7UPN
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KI0KB	G3BDQ	W5VU	T77V	K1YR
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WA9ETW	SM3CBR	LA3ANA	EU1TT	RA4P
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YO5ODE	SM7BHH	N5RZ	G4FJK	RB7GG
	UA3PFN	NZ3M	GM3WTA	RK9F
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AI3Q	VA2ZO	OK1JDX	IV3KCB	SM7NDX

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SV1PL	IK0HFO	N9ADG	W8GDQ
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UR7CQ	IT9CVO	NG7A	YB1TJ
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UT4IS	IW0HQE	NN4SS	YO9FLD
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VE2OJ	JA1CPU	OK1DXD	ZS2DL
VE3XB	JA1ILA	OK2PAZ	
VK2GR	JA4FSH	ON4ANN	
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W2SF	JF3DRI	ON9CC	
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W7CB	K2CBI	RA3SD	
W8GB	K2CYE	RA4LW	
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YO2OXD	K8CS	SV1VJ	
YO6BHN	K8LE	SV2DSJ	
YV4DYJ	K9NZ	TI5CDA	
	KA9UVY	UA3AKI	
100	KB0EL	UA4PAY	
9M6YBG	KC0V	UA6CEY	
A41ZZ	KC4D	UN6P	
AA4AK	KC5LT	UR4CW	
AB4VV	KD8BZY	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	VE1RGB	
DJ6OI	LA8W	VE3OAT	
DL1TPY	LU5OM	VE7JKZ	
DL1TRK	LU5YF	VP2VA	
DL9GTB	MM0SJH	VR2PX	
DU7ET	N0AH	W0GYH	
EA1CP	N0ATQ	W0MU	
EA2AAZ	N1KI	W1AN	
EA3ALD	N1MD	W1YRC	
EA8AXT	N2SG	W2CCC	
EC5A	N2XQM	W3BBO	
EI3ISB	N3AF	W4HHN	
ES5NC	N4CRI	W4OEP	
FM5GU	N4ZR	W4OV	
G0VXE	N7DED	W5BK	
G3OIL	N7TK	W7DT	
G4CGG	N8IL	W7JET	
GM3ZSP	N8NB	W8CNL	