

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

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	VE2TZT	268 DL5DSM G3WPH RA3XDX SP9JZU W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP NJ6P S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 CT1APE DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT NR1R R3LA W8TE W8XD
294 DL1AMQ JH2FXK LA5HE RJ3AA WD5COV	286 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 AA4V AA6YQ AA7A K4XP RW0LT SV8BHN YO5BRZ
293 N0TB S58T	285 G4CCZ HB9BGV UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU CT1EKY DL1DUL DL2OE OH1LEU SP6CIK	264 IK2YCW K7ZV W1GL
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR N9IW OK1AWZ	270 AA1V JA5AUC OE5KE	262 EI7BA G0DQS IK5HHA KR9U W1YY
290 UA3AKO			269 K6ND KD5M LA3MHA RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S

SP5DIR	S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M W2TQC W5XZ	JA5MHD K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	OK1CF R7DX VE3XN WA7NS
260 EA5BM K1LT K4DY	252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY	239 JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK SV8CKM	234 AJ6T IZ8FFA JA0FSB K1AR K4UTE KF0QR NV9L PY1BVY S51DI
259 DF4PL F6GCP G3ZSS I1FQH R9FM	251 DJ7RD DL9RT I1EIS JH0BBE K9NW N4II PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 DL8WN EA6ET IK0XEZ JA0DAI K1DG RA0FF VO1HP W3LL	233 K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
258 KW9A N2NL N5KD RN3CT VE3QAA	250 HB9RG NQ1K OZ8BZ	243 DK2JX DK3DG IK0MHR ON4ATW S57A W9RPM WX4G	237 DL7MAE NI0G OM4EX UR5EDX	232 DJ5FI JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
257 K1GUN N8TR W9YSX	249 AB3CV AI9L JR3IIR SP5DRH	242 EA4KD KG7H	236 AB4I AC4G K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL PA7MM W1TSP W3DF	248 K3WW K5RX K9RX SM3VAC SV8GFW T77C UT9FJ W9NGA	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM EA6VQ JH4ADV K3SWZ K5EK N6DX	230 DF6PB FK8CP JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ WA7NB
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN	240 G8VR		
254 N0AT OM3DX WA4FFW				
253 5B4AGN AA1QD K5ESW				

229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	SP8NR VA5DX W7KW	219 IK3VUU JA2FBY JA2FJP JF3KON LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	IZ8VYU JA2JW K4NA OK1DX RN7G W4NL	209 DL5CF DL9MRF EA1RT EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT
228 AF9H AI0O E72A EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ	224 DL5WW IZ1LBG MM0EAX N0AV N8BM* SP5INQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO KV7K UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA LA7JO NA2M* RU4SO W0LYI W1FJ W2WG W3YY	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF WS9V	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS
226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ K3SV K6EID K8ZTT N5AW N8PR N9BX SM0CCM SP7GAQ	216 JA6LCJ JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA RU3SD UR5FEO WA5VGI	206 IK0IOL JA3PIS K2VV K5AQ K5MC K8AC KG9N N8DJX PY2XB SM6BZV US0KW VE3BW
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK	221 JA2WYN K4MWB K8FH K8SIX N6VR W1ZK W6JRY WS6X	215 AD5A K3JGJ N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW KA9FOX LA7HJA
	220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR KA1R N1LN N5JR VE3EXY	214 DL7BA HL3IUA		

W8UN
WB8ZRL

204

DJ5AV
EA5KA
F4BKV
IK7NXM
JA9NFO
K3LR
K4JJW
KK4SI
LX2A
N4NX
N7FU
UA0SR
US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

JA2XYO
JE1PNX
K4XO
K9MMS
KK2I
OH1TV
PA0A
R6AF
W7DO
W8GC

202

AA5AM
DL1MGB
DL2KQ
DL9DRA
JA2JNA
JA3CSZ
JA5AQC
JH3VNC
JI2KXK
K2NV
LY1G
N5ZM
N7KA
OK1DOT
R9TO
RA3S
SM2OAN
UA9FAR
WA2HZO
ZL3IX

201

CU2DX
DL1EJA
JF1PUW
JO7WXN
K3HP
N4QS
W5TCX

200

AG4W
G0OIL
JA1GTF
JH2RMU
K1GE
K1GG
K9US
K9YY
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W0MHK
W1NT
W2IRT
W3GG

199

DK2LO
G0BNR
HB9DDO
JA2DPC
K6GXO
N4DW
W1TO
YO2DFA

198

DL1ROJ
G3UJE
G4BUE
IT9JNR
KB8VAO
RX3APM
W8HB

197

G3SNN
I5KKW
IK0FVC
JE1BMJ
JH2UVL
K8NVR
OE4PWW
OE5FIN
ON4CD

RZ6FA
UA0SC
UT5EL
W0FS

196

4Z4DX
AA4HP
IK4PLW
IZ8FWN
JA3RAR
JA4PXC
K8PO
KP2A
ND0N
RA9CMO
RZ4FO
W2FCR
W4UM

195

EA3JL
EA5RM
G3ZEM
JA1EOD
JH1QAX
JN7FAH
K7SO
K9RT
KF8UN
N1SV
NK1K
W5ZG
W9OP

194

K4KDX
K9JF
KB9LIE
KC9ARR
LA7AFA
W2LO
W4FC
W9OO
WD8JJA
WN6W

193

DF2GH
DK1FW
DL5ZB
DL6ZXG
EA3WD
HA5BSW
JA0EOK
JA1XEC
K4ODL

N5LZ
N9EN
PA0LOU
RN1ON
SM7GIB
UA0CA
W9MU
WA2VYA

192

9A2NA
CT1IUA
JA7JWF
JH1RFR
K3FN
K4FJ
K5XX
K7GM
K9EU
KF7PG
N4DB
OH2IS
W3UA
W3YQ
W8LGJ

191

JA1ANR
K0JGH
K8FC
K9LA
RK2FWA

190

IZ8XQC
JA1DUH
JA1MCU
K2TE
K9KU
KM1D
N4XU
N5GH
NE1B
SP2LNW
VE7VV
WE9R
XE2X

189

9A2F
EA8PP
FM5CD
JA0VSH
SP7HOV
UA7T

188

AA1ON
AB4IQ
CT1FMX
JA1KQX
K0BBC
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
W6SR
W8JV
WA3C
WA6YEE

187

AJ1H
K0SR
K6SRZ
KN5O
N2NS
OK1CZ
SM0NJO
W7AWA

186

9A8A
IK2QPR
JA8DNV
K0BJ
K3PA
K7LAY
YL2TW

185

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

184

HA5WA
I2AOX
JA2ZL
JF1NZW

K4HGX	IW0SAF	K4DLI	W3JX	K5QY
K5KLA	JR7BDQ	K5GKC	W4FQT	K8RYU
KB4ET	K8WK	N7IR	WC4X	KR4F
S57AC	N2PK	N7XR		N4QQ
US8UA	OK1MG	PE1L	171	N8BJQ
W2YJ	S57UN	SP1MGM	AA9D	PA7F
	SM4DDE	TF3SG	DL6KR	SP5GH
183	SV3FUP	VE3FF	G0EHO	W4SVO
CT3MD	W8KEN	WX0V	HA9PP	W6VX
IT9INO			JA6HUG	W8OI
K4CN	178	174	JR1TNE	WA0MHJ
K8VC	4Z5CX	4Z5MU	K1NU	WA5YNB
N9MB	EA3CJ	JA0GJJ	LA5LJA	
NN2L	JA4MRL	JA1PPW	N0RN	167
ON6SAS	K2UR	JA2XW	N4OGW	DK5AD
W2FP	LA0FA	JA7MOL	N7RO	EC3A
W8NW	NE0U	JF7DZA	N9RC	EI6FR
	SM7DLK	JK1OPL	RA3DNC	JA6VQA
182	SV1JG	JR6PGB	SV1LK	K4XD
DJ9ON	W6NWS	K0TT	UN9L	K6KO
DK3UA	W7MEM	K1KI		K8NK
HK3W	ZS1LS	K2KA	170	K9MBQ
JA1SHE		K3AJ	DJ6TK	N0IJ
K8RRT	177	K4TR	JA6JPS	N3BNA
UR3EO	9H1SP	K4WS	JE3ENP	PA3C
W1YM	AE5E	N1EN	JF1WPB	RA1AOB
	CT1GFK	OE1WHC	JM1GYQ	RN9N
181	IK4ADE	RN7F	K6ZZ	S51EC
DK3WW	K3WC	UA3LNM	KI5BLU	VE6WQ
JA3ENN	K9NU	W8UV	N4PY	W1YW
JN4MMO	SM6DHU	W8VVG	SP3GTS	WA4LOX
K2EP	W2OR	WT8C	SV3KH	WC5N
LZ2ZG	W5LT		W3IP	
N3OC	W7FI	173	W9EVI	166
VE3OSZ	WB7B	5B4ALJ	WA3AFS	4Z1UF
W9AJ		I1JQJ	WP4U	DJ4SO
	176	JA9TWN		HB9FMN
180	EU1AB	K1NTR	169	IV3TDM
DM2DXA	I6FLD	K4XR	IK0PEA	JA1FNA
DM3VL	JA0DET	K9YC	JA1ADT	JA9LJS
EA8JF	JA5IU	KA1J	JE2LPC	K1KA
JA2BDR	JA6BJV	N5FG	JR1IZM	K3KY
JE2URF	JA8KSF	PY5EW	K1LI	K4JLD
K6SSS	JL1SAM	W8HC	N4XX	K4PB
K7BG	K8MN		N7US	K4ZYU
LA9AJA	N5OK	172	UT8MM	OH2BLD
N1RR	OK1DWC	EA7TV	UY5AA	RM3DA
N4AH	RL3FA	G0BLB	W6RW	W0DJC
ON5FP	SM5FUG	G3NKC	W7Yaq	W1RR
UT2UB	W4BP	IZ5MOQ	WA9PIE	W8ILC
W1RM	W4GD	JA3FGJ	WB3JFS	WA8TXT
W7BEM	YO7NE	JG0CQK		
W8TN		JG3IWL	168	165
	175	K0DEQ	G3MXJ	DL7UCX
179	JA1CHN	K1BD	IK2EGL	F6HDH
CT1FPQ	JA9NLE	K6FG	JE7JDL	I2ZGC
IT9ELD	JS3CTQ	KJ0M	JF2UPM	IK0AGU

JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	JA1DOF JH4ALY JH4CPC K1USA K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	SM4EMO W0SZ W1OX W2XL W3GQ W4QN	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR NX8Y W1NA W2XI W5DNT WB0TEV WS7L YS1RR	EI9JF F3SG HB9SLO IZ3ENH JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7RH WA1Z WA2BCK WP4G
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG SV2AEL W4DKS W4NS*	160 AD5Q DK1WB DL1DA IK0FUX IW2FND IZ4DPV JA2EPW JE2OVG JF2XGF JR7MAZ K3MSB NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JE2DZC JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ YV2IF	153 AA6AA AJ9C DL3ZA G3TJW HL2CFY JF1IRW JR9OPJ K7SP K8VFF KR2Q N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU	150 EA1AF IV3RAV JA2NQG K0RS K5TR K7LV K8AJS KD0PO KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W6DAO W7CT WW2DX
163 9A2JK DJ9HX JE2LUN K7NN K8TL UR4CWQ VE3CFK W7AL WW3S	159 JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV	152 EW2A HB0CC JT1CO KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	149 DL7CX HB9HFN IK4FNF JA1SVP JL1ARF K3RA K3TN K4YYL K8ME K8ROX K9MK R8TX SM6CUK UW7UA
162 4O3A 9A4W F3AT JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	158 DJ4PT DL1FKA IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K5TT K9GA OZ1HX RU6M	155 DL1RK DL4SZB JE3GRQ K2LS K4RG K4WA NE0DX NW7E SM6VR WE1P ZS6EZ	151 AA7G CU2AP DK2OY	

W0GG	JK1AJX	142	W4NU	IZ0RVI
W2/CT1GIF	JN1BMX	I5HOR	W7IV	IZ2FOS
W7HPW	K1OA	IT9BLB	W8GNM	JA3APU
WB8B	K3VAT	JR7WFC	W8LWU	JA4OK
WD5K	K4OY	K3PP	WO2T	JH4JNG
WS5W	K8BL	K4WZ	YL2MU	K2QMF
YO3DDZ	KF6HI	KK1W	YO9FNP	K6EME
148	N1CGP	LA9VFA	139	K8NS
CT1FCX	N4GG	MM0SAJ	DF7EE	LA9GX
DK2CC	N5XZ	N7QT	DJ4XA	RA3CO
F5CQ	NA5C	NA4D	DL5EBE	RG7G
F5LVL	RT0F	NQ7R	DL8OH	UU1JA
JH1QDB	SM3DTR	NY2NY	JA1TMG	W1ITU
K5VWW	144	OK1DO	JH0BQX	W5ODD
LA6OP	CU3EQ	W2OO	JJ1DCW	WB5JID
N2WB	DL5CW	W5LUA	K3ANS	136
NE3F	DL5KUA	W5VQ	K6AM	E72U
W5FKX	E70T	WA5POK	K8GI	ER0FEO
W9JJB	EI6IZ	WB8CQV	K8RF	HB9IQB
147	GM3ITN	141	KA8SYV	HB9RYZ
EA3GP	HB9BYQ	AC9S	KU0A	IK8CNT
F5PAC	I5MXX	DL5MHQ	LA8WG	JH4HMG
IV3VBM	IT9GSF	EW1BA	OK1MP*	K0TV
JA1XQC	IV3DXW	HB9FMT	OK2QA	K4ZO
K7HP	IZ4GWE	JA1PTJ	SM5CBM	K7TM
K8UT	JA3GN	JA2ATE	SV8ZC	KR6C
KM1H	JE1FQV	JA9RRH	W0SD	N2ZN
N1IBM	K0VSH	JH1HHC	WA8WV	OK1DW
PC3T	N1IX	JL1UXH	138	SM5OJH
W1OP	N3KK	K2RW	DK8MCT	SP2BMX
W2KKZ	SM4OLL	N8OC	DK8YY	UT3UZ
146	SM5CLE	NJ3K	EI9FBB	UW8SM
EU4A	W4GE	OE6VIE	F6DDR	W2OIB
G4FTC	W5ADD	SV3FUO	IK8EPC	WB7QXU
JA1HQG	W7ZI	W2CG	JA3OOK	135
JA4DHN	W8RLS	W3BW	JF3LOP	5B4MF
JA5XAE	WC5M	W4JVN	JH7RXU	DJ9ZB
JH1GNU	WD5T	W4VIC	K1RO	F6FXU
K1CA	YO3CD	W4WT	K2RET	IK8GYS
K5KV	143	W8HW	KJ6P	IU0HDC
K5SM	DL1DUO	ZS1C	LB5WB	JA7LMZ
K6NR	DL6EN	140	ON6AA	JA8BNP
K7WP	HS0ZEE	9A1CAL	OZ8X	JA8JL
N7BT	K7CMZ	DF2RG	RW4CY	K1ZE
RU0SN	K7CW	JR2LJO	UN7JID	K4ZRJ
W1IZL	KJ9C	K5WK	V51B	K7FL
W1ZT	N2RJ	K6KLY	W1GD	K7XB
145	N2WM	KF8DX	W2YE	NZ9R
AF4HX	N5UW	N4XP	W4YV	OH1JP
HI3T	N6PAT	N6PSE	W7OM	R7LP
IOJBL	NN4R	OH6NIO	137	RN3RQ
JE6TSP	W0IZ	ON7DR	DS1JFY	SM3LGO
JJ3HGJ	W6QUV	UN1L	EA1YO	SM5CZK
	WB8ZRV	VE6SV	GM3YOR	SP3XR
	WD9DZV	W0SEI		W1DIG

W1EQ	K6YUI	K9GL	W6RKC	XE1KK
W2GD	K9ZM	NA4EA	ZS1A	YU1EXY
W4BUW	N6HY	NO9E	ZS6UT	
W4MBD	ON4CAS	OZ2ABI		125
W4RFZ	OZ2RH	R3VA	127	9A1AD
W6JTI	SM4BZH	R5QA	CT3KN	AG1A
WE4S	SM6BGG	R9AB	HK1MW	GW3TMP
	SP6M	RU1AO	JA1DDH	HK4SAN
134	VE3CRG	SP6JIU	JA1WLO	IK5DNF
CT3HF	W4AXL	TA1CM	JA8RJE	JA4IYL
IK4DCS	W4RBO	VE3DO	JA9KRO	JA6VU
JA7LGE	W4WM	W2MPK	JH3AIU	JE1TSD
K1TO	W5SL	W9ZT	JS2LHI	JE6UWU
K3OX	W6DR		K0RW	JF2WXS
KX4TT	W7AH	129	K3TRM	JH4ADK
N9MR*	W7CD	HA1RB	KM3T	JL1RUC
N9RS	W9FR	HB9AZZ	KM4NS	K1HAP
NA5DX	WB3D	JA1NWD	N1AC	K5KG
OE1TKW	XE2S	JA8JO	N1GC	K8DV
PY5HOT		JI4POR	OE8HIK	KA6BIM
RG6G	131	K3NK	S51NM	KI4WCQ
RX4HW	DK7YY	K4TT	SK7AX	LZ1XL
SM0BYD	G3UHU	K6XM	SP6A	N2KA
UA0ACG	HS1NGR	N0YY	SP7ASZ	N3EN
W4JKC	IV3KFB	N3KS	W0CP	N4JT
YU1AM	JA0AOO	N3RR	W0RT	N9RD
	JA2TBS	PY5EG	W1OPD	ND5S
133	JJ1TEA	W0YVA	W3BG	NW6S
9K2NO	JM1FHL	W7QHE	W3MF	OE1AZS
EU1U	K1UU	W8MET		OE3SGU
HB9CQK	K5VIP		126	RA0BA
IZ8DFO	KC2LSD	128	DJ8WD	UU7JM
JA7GLB	KH2L	AA4SC	DL9FCY	VE3UTT
JA9AGN	KM3V	DM2RM	F8BPN	W5DAW
JR7FRW	KM4H	IT9ZZO	G4IUF	W8LMG
K1ZN	N3MK	JA2AHH	IZ7EVZ	W9CG*
K2CDJ	N4QWZ	JA2KSP	JA1XCZ	YO2RR
KS4YT	N5PHT	JA9AA	JA7KY	
KU2A	N6RK	JE1LFX	JH3CUL	124
OE1KM	ON4ON	JH4GJR	JJ1DWT	AA7XT
RA5BM	R0SR	K0FF	JN1RQV	IK3VBB
RV4LC	R9MJ	K3XA	K2ZD	JI1DHY
SV5DKL	R9SA	K4JAF	K4JKB	KD4POJ
UQ2PZ	W8DCH	K4SE	K4XU	NA2U
VE3WT		K6LPO	LB7ZG	PA0TCA
W0NFL	130	KG7CW	N8NA	UA0BA
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W5AJ	E73M	OH1ZK	PA3EWP	VE1DUN
	EI2JD	OZ1IKY	PA5TT	W2JU
132	G7VJR	R9SG	VE3CX	W2RIJ
AA4NC	HK0HEU	S53X	VE7BV	W3FM
AB9M	JA2FBC	S55DX	W8MK	W6CYX
AD6W	JG1DUZ	SM3GQP	W8REW	
IT9RDG	K2MYR	SV3DCX	W9ILY	123
JA2KVD	K6SIK	VQ9LA	WB0O	AB1OC
JA6CBG	K7LFY	W2WC	WB2REM	AC4TO
JR6FC	K8BCK	W4IS	WD4LBR	DL7JRD

F4GTB	121	RL3BZ	K4CNW	W8ZR
G4WFO	AA6RR	SP7ITB	K7PI	WA2USA
G5LP	DF1DB	SV1IW	K8LN	WC2K
HB0WR	DK1EI	UR5IKN	K8WVA	116
IK2CHZ	DK6CQ	UR9QQ	K9DR	AA8CH
IK3XJP	HB9DHG	US0YA	KD2T	AJ4F
JA0CRG	IK2SGB	W2YR	KD6UO	DL7URH
JA1SJV	JA2HYD	W3OA	KG8CW	EA5BRE
JA3MHA	J14WAO	W4PRO	KV4AA	HA7PF
JA6WJL	KD8RQE	W6RFL	LZ2HM	IK0EIE
JK1EXO	KG9Z	W7RN	N2MM	IK2OHG
JR1EBE	N0OK	WT4Q	N4DJ	IT9TQH
K2PK	N1JP	ZL4AS	PY2PA	IV3HYD
K3XO	N3ND	119	RN3TT	JA1WTI
K4ZIN	N6HC	AA3AZ	SV9COL	K1DC
K5GH	SV1AHX	AA4DD	TA2RC	K1RI
K7UT	UQ1GWW	AE3T	VK4CAG	KT1V
K9CS	UT4EO	AJ4A	W1KSZ	KV1J
KV4T	UU2JQ	DK3GG	W4DAO	NA9Q
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N6MZ	W2GG	HB9AAQ	W9FI	TZ4AM
N9JV	W3RJW	HB9BCI	YO4AUL	UA4PCM
N9LQ	W6XI	I2TZK	117	W1ENE
NA2P	W9XX	I4MKN	9Y4VU	W1WEF
NA9RB	W9YE	IU0LFQ	AE0P	W7GG
S50B	WA1PMA	JA3AZD	BH4IGO	W7OEV
UA3DK	WY1G	JA4XGC	DL1DWT	W8LRO
UT3QU	XE1VIC	JE2JMV	IT9AAI	WP3R
W1AO	120	JH6CDI	IT9DAA	WQ5L
W4NF	9A5F	K5UZ	JA1HQT	115
W8NJR	AC9EM	K7EG	JA4FM	AA5JF
WB8K	AL7TC	K8KWT	JA7GYP	C6AGU
WV4TN	DL2VWR	K9SG	JA7IC	CU2CE
XE1H	EI2GLB	N0KV	JM3GXU	DL9GOA
122	FG5FR	N8PW	JR2UBS	G4XEE
BA4RF	HB9BLQ	N9UA	K1BZ	G8BCG
G3NDC	IZ0LKV	NT2A	K2BB	G8DX
JA1MRM	IZ5NFD	NY7T	K6PJ	HA5UK
JH1AGU	JR3UIC	OH5NG	K8OOK	HK3PJ
K1ESE	JR6LLN	OK1DT	K8QM	IZ7JVR
K1YT	K2BA	R6FFB	N2BJ	JA2KNW
K2MP	K2HK	SV1ACK	N4IR	JA3NHL
K7ZA	K3QIA	W0RX	N6MB	JA5FDJ
KR0P	K5JC	W4HZ	N8AA	JG3LGD
LA7WCA	K6FW	W8FIB	N8XI	JH1RFM
LA8PT	KA8ZPE	XE1RCS	NY4G	K0GD
N9AW	N3NR	118	SM7BIC	K0SD
NN7X	N4BAF	5T5PA	SP8HKT	K4CMS
OZ3Y	N4LR	AB2E	UA6J	K4GHS
RD4A	N4TB	DL5OCE	UB3A	K4GK
UU4JMG	N4TL	JA4FHE	UR9IDX	K5XM
VE6AX	N4UFP	J18DGO	US1CT	K8YTO
W2TB	OE3EVA	K3FRK	VE3YF	KO8SCA
WA3I	OZ2A	K3WGR	W4ZRZ	LY4T
WA7BNG	PZ5RA		W6SL	

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N4OA	G4AFJ	HB9EFK	JA1NCZ	K6MI
N5BO	JA0GCI	HB9G	JE2EHP	K6VKO
N8KOL	JA1OVD	IK2ANI	JE8TGI	KB4MRX
PA3AXU	JA4ITW	IU8FRE	JF2WGN	KC2STA
RZ6MJ	JH1ORA	IZ4DIW	K5WAF	LZ1PM
UA1ANA	JH3GCN	JA1SXR	K7ORK	N2CG
UA1CGS	K0TPP	JA4BXL	K9AJ	N3HBX
UA6XT	K2HAT	JA7BXS	KM1R	N3IQ
UN6T	K8SL	JR7TEQ	KZ0X	N3JB
W4UCK	K9FN	K0JPL	LA0CX	N4KE
YL2CZ	K9GWH	K1EDG	N4WJ	NC6K
	KA4RRU	K1KO	N7BD	NK7C
114	KH6DX	K4UAS	N9HF	NY4I
BA4DW	KI0G	K8CC	NA1DX	OZ1LCG
BA7IO	KT1J	KB2FCV	UR6QA	RD9M
CT3FN	N7KO	KI4DLS	UT1UY	SM5BHW
CU3AK	N9ISN	KM1C	VE6KC	SP9WZS
DL6NB	NA3F	LA8HGA	VE7CT	SV1VS
F6CWA	NG0G	N5ZC	VE7UF	UA3O
G3SDL	NI5F	N6MA	W0VHF	US7MM
HP3TA	NK5B	N6PE	W1FO	W0UY
I5OYY	ON5UE	RU4SU	W3FOX	W3XY
IK7YZG	R7NA	SM3DMP	W4HOG	W4DC
IW0HEX	RA4UN	UA1ACG	W4OX	W4NE
JA4KDT	RZ3AUL	UA1CEI	W5AQ	W5ZPA
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JH6WMJ	SP3EPG	VE7XF	W8KA	WL7E
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K2DC	SV1JFV	W2CVW	W9RB	YU7AU
K3MD	SV2AVP	W2SKI	WA2BOT	ZL3NW
K3NF	UN7TW	W3MR	WA2MUA	
K3OSX	VE3KI	W3UL	WB4TDH	109
K5CD	W2GW	W4VHF	WB9EEE	DF1KG
K5RJ	W6BK	W5VX	YL3DQ	EA3GHZ
KB8U	W8FAX	W6TC	YO6HOY	EU4T
KZ4V	W9DX	W8GEX		F8EZE
N1QY	W9HBH	W8HMK	110	G3SVD
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N3MN	WA4DOU	WA8OLN	DG7RO	JA2CXF
N4IQ	WB2HJV	WT9U	DL1VDL	K2ONP
NU8Z	WB2UFF	ZP6CW	EA5BYP	K4RDU
UA3FT	WS4C	111	F5BAR	K5FZ
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WA8MCD	A92IO	DK2WH	IK5RUN	KZ5DX
WA9YYY	DJ1RL	DK6ED	IK8UHA	N1BZ
WN9O	DK5RL	DL1HRN	IZ0CKJ	N2WLG
XE3ARV	DL5CL	EV1R	JA7EPO	N7TY
	EA1JO	F6ECI	JE2UFF	N8NN
113	EI8IU	G3PLP	JH1VHU	ND4V
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DJ5DT	G3XGC	HL3GOB	K2BLA	NU4I
DJ9RR	HB9CEX	JA1AUD	K3JRR	NX7U
DL8CM			K3PH	PY5CC

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TG9NX	WD9EQU		W5JAY	UR2RGN
UB5ZAL	WW1WW	106	W8OP	VE1PZ
UT7KF		AA4FL	WA4MYO	VR2MY
VU2CPL	107	AE2U	WA6TLA	VY2ZM
W5WP	4Z5LA	DJ6OZ	YL2GN	W1LE
WB5TUF	DJ8ES	DL1QQ	YU3EF	W1LY
WN0L	DK3FB	DL2NOM		W4OWY
YV3AGT	DL2CHN	DL3JSW	105	W5KI
	DL5XU	DL6JZ	DF2PI	W6FF
108	DO4DXA	EA3CCN	DF8AA	WQ5W
AI2Q	EA5AT	HA8DZ	DJ3XD	YU1NR
AL7R	EA7QW	IK0ZIO	DJ6KH	
DL6CNG	FG8OJ	IW3GJF	DL4ZAB	104
ER1LW	G4AKY	JA1VLK	DL6XK	9K2OD
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IK0PRG	IT9XTP	JG5RVQ	HA8FW	AH0U
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IZ2EWR	JA8JTH	JH6PFY	JA1TAA	CX3CE
JA2MOG	JH9DRL	JJ0NCC	JA4EVN	DK3BK
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LU2DKT	NA5Q	N2CW	K9RO	JF1EGO
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PA0ZH	RN4AA	NI5M	N2DPF	K1BG
R5FY	RV6ARZ	NS3L	N4JI	K3FM
R7LA	SP3BQD	OE5CSP	N4NW	K4KEW
RX6DX	SP6AXW	OH2OT	N4PL	K4MF
S57J	US5CB	OK1AYU	N4SC	K4VIG
SM6AOU	VE3OI	OK2BVG	N4VN	K5HK
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W7ACD	W9CPV	VQ9SS	PY2DS	KI0KB
WA2ALY	WB6CJT	W1CWU	R6YY	KW0A
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SO5AS	KJ7WY	IT9SFT	WD8DSB	KS4XQ
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	UA3PFN	LA3ANA	G4FJK	RA4P
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AB4VV	KD9HL	UR4LRG	
AC4VM	KP4N	UR8IDX	
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DL9GTB	LZ3YY	VP2VA	
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EA8AXT	N1MD	W1YRC	
EC5A	N2SG	W2CCC	
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FM5GU	N3AF	W4HHN	
G0VXE	N4CRI	W4MAY	
G3OIL	N4ZR	W4OEP	
G4CGG	N7DED	W4OV	
GM3ZSP	N7TK	W5BK	
I2VGW	N8IL	W7DT	
IK0HFO	N8NB	W7JET	
IK4MSV	N8OQ	W8CNL	
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IW0HQE	NB3R	WB4SON	
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JA1CPU	NJ3I	WV9L	
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