

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 01 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 UT5UGR W5IZ	RU3DX YU1FW
341 EA8AK	324 K2TQC K4PI OH2BO S50A W1NG		308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM3YTS
340 K1ZM		314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR		301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK SV8JE
339 W4DR W4ZV	323 EY8MM SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OG2M OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR VA3EF
334 N4WW	321 WB9Z	312 OH1MA S54E	305 JA7NI K4ZW N4IS NN4T UA6A	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
333 R7LV	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM SP2FAX	304 CT1EEB DJ0MDR SM3GSK	298 9A2AJ IK2DFZ OE6IMD OZ3PZ SM5CEU
332 UR0MC	319 N0XA SM4CAN			
331 K5UR LZ2DF	318 4X4DK W9ZR	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	303 F5LGE GM0GAV JA1BK JA4LKB K1UO	
330 AA1K HA0DU OH1XX UT7QF	317 W3LPL			
329 K3UL UA4HBW	316 W2VO			
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 DF2UU 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 LA5IIA N3NT W2SM W3AP
291 9A7V DF3GY 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

260 EA5BM K1LT K4DY KX4R	W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M W2TQC W5XZ	JA5MHD K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	R7DX VE3XN WA7NS
259 DF4PL F6GCP G3ZSS I1FQH R9FM	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	234 AJ6T IZ8FFA JA0FSB K1AR K4UTE KF0QR NV9L PY1BVY S51DI
258 KW9A N5KD RN3CT VE3QAA	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 SV8CKM UA4HAU VA2WA W1TC W7AO
257 K1GUN N8TR W9YSX	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
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL PA7MM W1TSP W3DF	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
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX K9RX N2NL 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 OK1CF	230 DF6PB FK8CP JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ WA7NB
254 N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN	240 G8VR		
253 5B4AGN AA1QD K5ESW S58Q UA1OMS				

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 N0AV N8BM SP5INQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA 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 KV7K ON6YH UA3AGW	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I LA7JO 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 MM0EAX 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	DL1EJA F4BKV JF1PUW JO7WXN K3HP N4QS W5TCX	UA0SC UT5EL W0FS	N9EN PA0LOU RN1ON SM7GIB UA0CA W9MU WA2VYA	AB4IQ CT1FMX JA1KQX K0BBC KB0EO KB1EFS KE9ET N8LJ RM0F W6SR W8JV WA3C WA6YEE
204 DJ5AV EA5KA IK7NXM JA9NFO K3LR K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 AG4W G0OIL JA1GTF JH2RMU K1GE K1GG K9US K9YY LA5YJ RW4NN RW7M UY0ZG W0DD W0MHK W1NT W2IRT W3GG	196 4Z4DX AA4HP IK4PLW IZ8FWN JA3RAR JA4PXC K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	192 9A2NA CT1IUA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB OH2IS W3UA W3YQ W8LGJ	187 AJ1H K0SR K6SRZ KL0S KN5O N2NS OK1CZ SM0NJO W7AWA
203 JA2XYO JE1PNX K4XO K9MMS KK2I OH1TV PA0A R6AF W7DO W8GC	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO N4DW W1TO YO2DFA	195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP	191 JA1ANR K0JGH K8FC K9LA RK2FWA	186 9A8A IK2QPR JA8DNV K0BJ K3PA K7LAY YL2TW
202 AA5AM DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR KB8VAO RX3APM W8HB	194 K4KDX K9JF KB9LIE KC9ARR LA7AFA W2LO W4FC W9OO WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K2TE K9KU KM1D N4XU N5GH NE1B SP2LNW VE7VV WE9R XE2X	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB JA2LCP K5ZD LA3WAA N4TJ N5UR OE2BZL SP3FAR SV1DPI UA9CBO
201 CU2DX	197 G3SNN I5KKW IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA	193 DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW JA0EOK JA1XEC K4ODL N5LZ	189 9A2F EA8PP FM5CD JA0VSH SP7HOV UA7T	184 HA5WA I2AOX JA2ZL JF1NZW K4HGX K5KLA

KB4ET S57AC US8UA W2YJ	N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	N7IR N7XR PE1L SP1MGM TF3SG VE3FF WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU LA5LJA N0RN N4OGW N7RO N9RC RA3DNC SV1LK UN9L	N8BJQ PA7F SP5GH W4SVO W6VX W8OI WA0MHJ WA5YNB
183 CT3MD IT9INO K4CN K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR LA0FA NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K0TT K1KI K2KA K3AJ K4TR K4WS OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ KI5BLU N4PY SP3GTS SV3KH W3IP W9EVI WA3AFS	167 DK5AD JA6VQA K4XD K6KO K8NK K9MBQ N0IJ N3BNA PA3C RA1AOB RN9N S51EC VE6WQ W1YW WA4LOX WC5N
182 DJ9ON DK3UA HK3W JA1SHE K8RRT UR3EO W1YM	177 9H1SP AE5E CT1GFK IK4ADE K3WC K9NU SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JA9TWN K1NTR K4XR K9YC KA1J N5FG PY5EW W8HC	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N1EN N4XX N7US UT8MM UY5AA W6RW W7Yaq WA9PIE WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4ZYU OH2BLD RM3DA W0DJC W1RR W8ILC WA8TXT WP4U
181 DK3WW JA3ENN JN4MMO K2EP LZ2ZG N3OC VE3OSZ W9AJ	176 CT1FPQ EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK OK1DWC RL3FA SM5FUG W4BP W4GD YO7NE	172 EA7TV G0BLB G3NKC IZ5MOQ JA3FGJ JG0CQK JG3IWL K0DEQ K1BD K6FG KJ0M W3JX W4FQT WC4X	168 G3MXJ IK2EGL JE7JDL JF2UPM K5QY K8RYU KR4F N4QQ	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB
180 DM2DXA DM3VL EA8JF JA2BDR JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W7BEM W8TN	175 JA1CHN JA9NLE JS3CTQ K4DLI K5GKC			
179 IT9ELD IW0SAF JR7BDQ K8WK				

N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	LB2TB N4GN OH6RA VK3HJ YU2TW	W2XL W3GQ W4QN	HB9BUN JA8NFV JR3OEH K0KVR N7WS NX8Y W1NA W2XI W5DNT WB0TEV WS7L YS1RR	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 EC3A EI6FR 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 K8VFX 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
163 9A2JK DJ9HX JE2LUN K7NN K8TL UR4CWQ VE3CFK W7AL WW3S	159 HB9TKS JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V DL4MM IZ8IEV JO7HAM K0QC K8YSE KS1J N3RC N3UA 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 W0GG W7HPW WB8B
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 SM4EMO W0SZ W1OX	155 DL1RK DL4SZB JE3GRQ K2LS K4RG K4WA NE0DX NW7E SM6VR WE1P ZS6EZ		
161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY JH4CPC K1USA K5GO K8ND		154 3V8SF GM3PPE	151 AA7G CU2AP DK2OY EI9JF F3SG	

WD5K
WS5W
WW2DX
YO3DDZ

148

CT1FCX
DK2CC
F5CQ
F5LVL
JH1QDB
K5VWW
LA6OP
N2WB
NE3F
W2/CT1GIF
W5FKX
W9JJB

147

EA3GP
F5PAC
IV3VBM
JA1XQC
K7HP
K8UT
KM1H
N1IBM
PC3T
W1OP
W2KKZ

146

EU4A
G4FTC
JA1HQG
JA4DHN
JA5XAE
JH1GNU
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K5KV
K5SM
K6NR
K7WP
N7BT
RU0SN
W1IZL
W1ZT

145

AF4HX
HI3T
IOJBL
JE6TSP
JJ3HGJ
JK1AJX
JN1BMX

K1OA
K3VAT
K4OY
K8BL
KF6HI
N1CGP
N4GG
N5XZ
NA5C
RT0F
SM3DTR

144

CU3EQ
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DL5KUA
E70T
EI6IZ
GM3ITN
HB9BYQ
I5MXX
IT9GSF
IV3DXW
IZ4GWE
JA3GN
JE1FQV
K0VSH
N1IX
N3KK
SM4OLL
SM5CLE
W4GE
W7ZI
W8RLS
WC5M
WD5T
YO3CD

143

DL1DUO
DL6EN
HS0ZEE
K7CMZ
K7CW
KJ9C
N2RJ
N2WM
N5UW
N6PAT
NN4R
W0IZ
W6QUV
WB8ZRV
WD9DZV

142

I5HOR

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KK1W
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MM0SAJ
N7QT
NA4D
NQ7R
NY2NY
OK1DO
W2OO
W5ADD
W5LUA
W5VQ
WA5POK
WB8CQV

141

AC9S
DL5MHQ
EW1BA
HB9FMT
JA1PTJ
JA2ATE
JA9RRH
JH1HHC
JL1UXH
K2RW
N8OC
NJ3K
OE6VIE
SV3FUO
W2CG
W3BW
W4JVN
W4VIC
W4WT
W8HW
ZS1C

140

9A1CAL
DF2RG
JR2LJO
K5WK
K6KLY
KF8DX
N4XP
N6PSE
OH6NIO
ON7DR
UN1L
VE6SV
W0SEI
W4NU

W7IV
W8GNM
W8LWU
WO2T
YL2MU
YO9FNP

139

DF7EE
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DL8OH
JA1TMG
JH0BQX
JI1DCW
K3ANS
K6AM
K8GI
K8RF
KA8SYV
KU0A
LA8WG
OK1MP*
OK2QA
SM5CBM
SV8ZC
W0SD
WA8WV

138

DK8MCT
DK8YY
EI9FBB
F6DDR
IK8EPC
JA3OOK
JF3LOP
JH7RXU
K1RO
K2RET
KJ6P
LB5WB
ON6AA
OZ8X
RW4CY
UN7JID
V51B
W1GD
W2YE
W4YV
W7OM

137

DS1JFY
EA1YO
GM3YOR
IZ0RVI

IZ2FOS
JA3APU
JA4OK
JH4JNG
K2QMF
K6EME
K8NS
LA9GX
RA3CO
RG7G
UU1JA
W1ITU
W5ODD
WB5JID

136

E72U
ER0FEO
HB9IQB
IK8CNT
JH4HMG
K0TV
K7TM
KR6C
N2ZN
OK1DW
SM5OJH
SP2BMX
UT3UZ
UW8SM
W2OIB
WB7QXU

135

5B4MF
DJ9ZB
F6FXU
IK8GYS
IU0HDC
JA7LMZ
JA8BNP
JA8JL
K1ZE
K4ZRJ
K7FL
K7XB
NZ9R
OH1JP
R7LP
RN3RQ
SM3LGO
SM5CZK
SP3XR
W1DIG
W1EQ
W2GD
W4BUW

W4MBD	N6HY	NO9E	ZS6UT	125
W4RFZ	ON4CAS	OZ2ABI		9A1AD
W6JTI	OZ2RH	R3VA	127	AG1A
WE4S	SM4BZH	R5QA	CT3KN	GW3TMP
134	SM6BGG	R9AB	HK1MW	HK4SAN
CT3HF	SP6M	RU1AO	JA1DDH	IK5DNF
IK4DCS	VE3CRG	SP6JIU	JA1WLO	JA4IYL
JA7LGE	W4AXL	TA1CM	JA8RJE	JA6VU
K1TO	W4RBO	VE3DO	JA9KRO	JE1TSD
K3OX	W4WM	W2MPK	JH3AIU	JE6UWU
KX4TT	W5SL	W9ZT	JS2LHI	JF2WXS
N9MR*	W6DR	129	K0RW	JH4ADK
N9RS	W7AH	HA1RB	K3TRM	JL1RUC
NA5DX	W7CD	HB9AZZ	KM3T	K1HAP
OE1TKW	W9FR	JA1NWD	KM4NS	K5KG
PY5HOT	WB3D	JA8JO	N1AC	K8DV
RG6G	XE2S	J14POR	N1GC	KA6BIM
RX4HW	131	K3NK	OE8HIK	KI4WCQ
SM0BYD	DK7YY	K4TT	S51NM	LZ1XL
UA0ACG	G3UHU	K6XM	SK7AX	N2KA
W4JKC	HS1NGR	N0YY	SP6A	N3EN
YU1AM	IV3KFB	N3KS	SP7ASZ	N4JT
133	JA0AOO	N3RR	W0CP	N9RD
9K2NO	JA2TBS	PY5EG	W0RT	ND5S
EU1U	JJ1TEA	W0YVA	W1OPD	NW6S
HB9CQK	JM1FHL	W7QHE	W3BG	OE1AZS
IZ8DFO	K1UU	W8MET	W3MF	OE3SGU
JA7GLB	K5VIP	128	126	RA0BA
JA9AGN	KC2LSD	AA4SC	DJ8WD	UU7JM
JR7FRW	KH2L	DM2RM	DL9FCY	VE3UTT
K1ZN	KM3V	IT9ZZO	F8BPN	W5DAW
K2CDJ	KM4H	JA2AHH	G4IUF	W8LMG
KS4YT	N3MK	JA2KSP	IZ7EVZ	W9CG*
KU2A	N4QWZ	JA9AA	JA1XCZ	YO2RR
OE1KM	N5PHT	JE1LFX	JA7KY	124
RA5BM	N6RK	JH4GJR	JH3CUL	AA7XT
RV4LC	ON4ON	K0FF	JJ1DWT	IK3VBB
SV5DKL	R0SR	K3XA	JN1RQV	J11DHY
UQ2PZ	R9MJ	K4JAF	K2ZD	K4ZO
VE3WT	R9SA	K4SE	K4JKB	KD4POJ
W0NFL	W8DCH	K6LPO	K4XU	NA2U
W2QO	130	KG7CW	LB7ZG	PA0TCA
W5AJ	DF9ZW	N5KM	N8NA	UA0BA
132	E73M	OH1ZK	OK3CQD	VA7CRZ
AA4NC	EI2JD	OZ1IKY	PA3EWP	VE1DUN
AB9M	G7VJR	R9SG	PA5TT	W2JU
AD6W	HK0HEU	S53X	VE3CX	W2RIJ
HB9RYZ	JA2FBC	S55DX	VE7BV	W3FM
IT9RDG	JG1DUZ	SM3GQP	W8MK	W6CYX
JA2KVD	K2MYR	SV3DCX	W8REW	123
JA6CBG	K6SIK	VQ9LA	W9ILY	AB1OC
JR6FC	K7LFY	W2WC	WB0O	AC4TO
K6YUI	K8BCK	W4IS	WB2REM	DL7JRD
K9ZM	K9GL	W6RKC	WD4LBR	F4GTB
	NA4EA	ZS1A	XE1KK	G4WFQ
			YU1EXY	

G5LP	121	RL3BZ	K4CNW	W8ZR
HB0WR	AA6RR	SP7ITB	K7PI	WA2USA
IK2CHZ	DF1DB	SV1IW	K8LN	WC2K
IK3XJP	DK1EI	UR5IKN	K8WVA	116
JA0CRG	DK6CQ	UR9QQ	K9DR	AA8CH
JA1SJV	HB9DHG	US0YA	KD2T	AJ4F
JA3MHA	IK2SGB	W2YR	KD6UO	DL7URH
JA6WJL	JA2HYD	W3OA	KG8CW	EA5BRE
JK1EXO	J14WAO	W4PRO	KV4AA	HA7PF
JR1EBE	KD8RQE	W6RFL	LZ2HM	IK0EIE
K2PK	KG9Z	W7RN	N2MM	IK2OHG
K3XO	N0OK	ZL4AS	N4DJ	IT9TQH
K4ZIN	N1JP	119	PY2PA	IV3HYD
K5GH	N3ND	AA3AZ	RN3TT	JA1WTI
K7UT	N6HC	AE3T	SV9COL	K1DC
K9CS	SV1AHX	AJ4A	TA2RC	K1RI
KV4T	UQ1GWW	DK3GG	VK4CAG	KT1V
N2ED	UT4EO	EW4M	W1KSZ	KV1J
N4DWK	UU2JQ	G4DJJ	W4DAO	PA0JSE
N6MZ	VA3AYA	HB9AAQ	W4NJ	RV3ID
N9JV	W0QQ	HB9BCI	W5JMW	TZ4AM
N9LQ	W2GG	I2TZK	W9FI	UA4PCM
NA2P	W3RJW	I4MKN	YO4AUL	W1ENE
NA9RB	W6XI	IU0LFQ	117	W1WEF
S50B	W9XX	JA3AZD	9Y4VU	W7GG
UA3DK	W9YE	JA4XGC	AE0P	W7OEV
UT3QU	WA1PMA	JE2JMV	BH4IGO	W8LRO
W1AO	WY1G	JH6CDI	DL1DWT	WP3R
W4NF	XE1VIC	K5UZ	IT9AAI	WQ5L
W8NJR	120	K7EG	IT9DAA	115
WB8K	9A5F	K8KWT	JA1HQT	AA5JF
WV4TN	AC9EM	K9SG	JA4FM	C6AGU
XE1H	AL7TC	N0KV	JA7GYP	CU2CE
122	DL2VWR	N8PW	JA7IC	DL9GOA
BA4RF	EI2GLB	N9UA	JM3GXU	G4XEE
G3NDC	FG5FR	NT2A	JR2UBS	G8BCG
JA1MRM	HB9BLQ	NY7T	K1BZ	G8DX
JH1AGU	IZ0LKV	OH5NG	K2BB	HA5UK
K1ESE	IZ5NFD	OK1DT	K6PJ	HK3PJ
K1YT	JR3UIC	R6FFB	K8OOK	IZ7JVR
K2MP	JR6LLN	SV1ACK	K8QM	JA2KNW
K7ZA	K2BA	W0RX	N2BJ	JA5FDJ
KR0P	K2HK	W4HZ	N4IR	JG3LGD
LA7WCA	K3QIA	W8FIB	N6MB	JH1RFM
LA8PT	K5JC	WT4Q	N8AA	K0GD
N9AW	K6FW	XE1RCS	N8XI	K0SD
NN7X	KA8ZPE	118	NY4G	K4CMS
OZ3Y	N3NR	5T5PA	SM7BIC	K4GHS
RD4A	N4BAF	AA4DD	SP8HKT	K4GK
UU4JMG	N4LR	AB2E	UA6J	K5XM
VE6AX	N4TB	DL5OCE	UB3A	K8YTO
W2TB	N4TL	JA4FHE	UR9IDX	KO8SCA
WA3I	N4UFP	J18DGO	US1CT	LY4T
WA7BNG	OE3EVA	K3FRK	VE3YF	N0IRM
	OZ2A	K3WGR	W4ZRZ	N4OA
	PZ5RA		W6SL	

N5BO	JA1OVD	IU8FRE	JE2EHP	K6VKO
N8KOL	JA4ITW	IZ4DIW	JE8TGI	KB4MRX
PA3AXU	JH1ORA	JA1SXR	JF2WGN	KC2STA
RZ6MJ	JH3GCN	JA4BXL	K5WAF	LZ1PM
UA1ANA	K0TPP	JA7BXS	K7ORK	N2CG
UA1CGS	K5CD	JR7TEQ	K9AJ	N3HBX
UA6XT	K8SL	K0JPL	KM1R	N3IQ
UN6T	K9FN	K1EDG	KZ0X	N3JB
W4UCK	K9GWH	K1KO	LA0CX	N4KE
YL2CZ	KA4RRU	K2HAT	N4WJ	NC6K
	KH6DX	K4UAS	N7BD	NK7C
114	KI0G	K8CC	N9HF	NY4I
BA4DW	KT1J	KB2FCV	NA1DX	OZ1LCG
BA7IO	N7KO	KI4DLS	UR6QA	RD9M
CT3FN	N9ISN	KM1C	UT1UY	SM5BHW
CU3AK	NA3F	LA8HGA	VE6KC	SP9WZS
DL6NB	NG0G	N5ZC	VE7CT	SV1VS
F6CWA	NI5F	N6MA	VE7UF	UA3O
G3SDL	NK5B	N6PE	W0VHF	US7MM
HP3TA	ON5UE	NA9Q	W1FO	W0UY
I5OYY	R7NA	RU4SU	W3FOX	W3XY
IK7YZG	RA4UN	SM3DMP	W4HOG	W4DC
IW0HEX	RZ3AUL	UA1ACG	W4OX	W4NE
JA4KDT	SM5ARL	UA1CEI	W5AQ	W5ZPA
JA5WIZ	SP3EPG	UT6UD	W7VS	W6KK
JH6WMJ	SV1FKZ	VE7XF	W8KA	WL7E
K1RV	SV1JFV	W1HEO	W8MIL	XE1FAS
K2DC	SV2AVP	W2CVW	W9RB	YU7AU
K3MD	UN7TW	W2SKI	WA2BOT	ZL3NW
K3NF	VE3KI	W3MR	WA2MUA	
K3OSX	W2GW	W3UL	WB4TDH	109
K5RJ	W6BK	W4VHF	WB9EEE	DF1KG
KB8U	W8FAX	W5VX	YL3DQ	EA3GHZ
KZ4V	W9DX	W6TC	YO6HOY	EU4T
N1QY	W9VNE	W8GEX		F8EZE
N2JJ	WA4DOU	W8HMK	110	G3SVD
N3MN	WB2HJV	W9SE	BA4MY	J68HZ
N4IQ	WB2UFF	WA8OLN	DG7RO	JA2CXF
NU8Z	WS4C	WT9U	DL1VDL	K2ONP
UA3FT	WX3P	ZP6CW	EA5BYP	K4RDU
W0VX	XE1RBV		F5BAR	K5FZ
W4TUN	ZL1BYZ	111	G3LNS	K5KA
W5VY		AA4U	G8AJM	K5KPE
WA1FCN	112	AB4GE	HC1BI	K6MW
WA8MCD	A92IO	AF4OX	I2BBJ	KE1F
WA9YYY	DJ1RL	CU3AN	IK5RUN	KZ5DX
WN9O	DK5RL	DK2WH	IK8UHA	N1BZ
XE3ARV	DL5CL	DK6ED	IZ0CKJ	N7TY
	EA1JO	DL1HRN	JA7EPO	N8NN
113	EI8IU	EV1R	JE2UFF	ND4V
9A1A	EW1DO	F6ECI	JH1VHU	NN4RR
DJ5DT	G3XGC	G3PLP	K1EO	NU4I
DJ9RR	HB9CEX	G4DBN	K2BLA	NX7U
DL8CM	HB9CRV	HL3GOB	K3JRR	PY5CC
DL8DYL	HB9EFK	JA1AUD	K3PH	RW4UU
G4AFJ	HB9G	JA1FGB	K4WW	RW9QA
JA0GCI	IK2ANI	JA1NCZ	K6MI	RX3AGD

TG9NX	WC1M	ZL3RJ	W2NO	SP5JXK
UB5ZAL	WC6DX		W3ICM	UA6LCN
UT7KF	WD9EQU	106	W4IR	UR1RWX
VU2CPL	WW1WW	AA4FL	W5JAY	UR2RGN
W5WP	107	AE2U	W8OP	VE1PZ
W9HBH	4Z5LA	DJ6OZ	WA4MYO	VR2MY
WB5TUF	DJ8ES	DL1QQ	WA6TLA	VY2ZM
WN0L	DK3FB	DL2NOM	YL2GN	W1LE
YV3AGT	DL2CHN	DL3JSW	YU3EF	W1LY
108	DL5XU	DL6JZ	105	W4OWY
AI2Q	DO4DXA	EA3CCN	DF2PI	W5KI
AL7R	EA5AT	HA8DZ	DF8AA	W6FF
DL6CNG	EA7QW	IK0ZIO	DJ3XD	WQ5W
ER1LW	FG8OJ	IW3GJF	DJ6KH	YU1NR
G3VAO	G4AKY	JA1VLK	DL4ZAB	104
HB9BAT	G4RGK	JA2MNB	DL6XK	9K2OD
HB9FAN	H18R	JE6IGP	DO1CTL	9M2AX
IK0PRG	I5IHE	JG3HBO	ES1GO	AD1C
IZ0BTV	IT9XTP	JG5RVQ	G3YUV	AG4Q
IZ2EWR	JA5EY	JH2KKW	HA8FW	AH0U
JA2MOG	JA8JTH	JH6PFY	JA1BWA	CP8HD
JA3NHL	JH9DRL	JJ0NCC	JA1TAA	CX3CE
JJ2PIK	K0MD	JR0EQQ	JA4EVN	DK3BK
JK1MZT	K3SW	K0DEW	JA6VA	DL4FAP
K1EP	K3YBN	K1PX	JA7BME	DL7UPN
K1XM	K8LBT	K4DSE	JA8RRF	E73D
K2CJ	K8ZR	K4SAF	JA9APM	EA8ZS
K2KQ	KE2R	K5AM	JF1RYU	EI9E
K2MK	KZ1W	K5ZQ	JO4CFV	F6AJA
K4WY	N2RR	K8JJC	JR1BAS	F8GB
K4YJ	N3DAP	KB9DAK	K1DJ	G3BRD
K6UT	N4RF	KK8X	K2XF	HB9CIP
K8OM	N6EE	KK9H	K4MS	HK3O
KM8AM	N8AGU	KP4AA	K5AV	IK0DWN
KN4JX	NA5Q	KQ3F	K7OX	JA1SDV
LU2DKT	OE1CP	N0JZ	K7PO	JA2FGL
N4MEC	OK2BUZ	N2CW	K9RO	JF1EGO
N6RFM	OK3CQR	N2SQW	KI5T	JF6WTY
N9TF	R0FA	N2WLG	KT2E	JK1BSM
NU4Y	RN4AA	N3XM	KX2A	JO1WXO
PA0ZH	RV6ARZ	N8AID	LZ1JZ	K0WK
R5FY	SP3BQD	NA5Z	N2DPF	K1BG
R7LA	SP6AXW	NI5M	N4JI	K3FM
RX6DX	US5CB	NS3L	N4NW	K4KEW
S57J	VE3OI	OE5CSP	N4PL	K4MF
SM6AOU	VK3NX	OH2OT	N4SC	K4VIG
UX7UN	W3KB	OK1AYU	N4VN	K5HK
UZ6LWZ	W6TDX	OK2BVG	N6NU	K6UM
W2UB	W8IW	S57AL	ON7PQ	K7TJR
W3NRJ	W8VK	UR3CRO	OZ4AAL	K9EA
W4ZYT	W9CPV	UT7UU	PF7M	KA2BZS
W7ACD	WB6CJT	UU5WW	PJ2/K8ND	KH6KG/W5
WA2ALY	WB8ART	V73AZ	PY2DS	KI0KB
WA4CEM	WS1L	VQ9SS	R6YY	KW0A
WA8MOA	XE2YWH	W1CWU	RA6AF	LZ2XF
WB8BZK	YL1XZ	W2EQ	RD4WM	N3ER
		W2LE		

N3TR	JA2GQO	102	UA1CKC	K3SEW
N4GU	JA2OLJ	A6/RV6LNA	UA6HOF	K4NNX
N4TTE	JA3FHL	CT4BD	UA9MR	K5DNL
N6PF	JA8EJO	DK3QM	UA9UCO	K6AAW
N6WM	JH1DGQ	DL3DXX	UW7CN	K6XJ
N8MZ	JM2RUV	DL3NCR	VE2FYR	K7AR
N9DR	K0EOO	DL4CW	W0JMP	K7IA
ND3L	K2UVV	DL4KUG	W1MRH	K8BN
NJ9C	K4LQ	DL5RDI	W1PV	K9JU
NN3Q	K5JUC	EA8AKN	W2LW	K9PG
RA1QX	K7BTW	EI4DQ	W2TX	KC4PX
RU3UR	K8CCV	EI6GF	W3EKT	KD3UY
RZ6DX	K9MUG	ES5RW	W4ALF	KE1VT
RZ6LB	K9XJ	F6BWO	W5TO	KE4S
SM5CCE	KE1IU	FM5WD	W7IUUV	KF7NN
SM7CQY	KJ4R	HB9AHL	WA0IDK	KN6J
SO5AS	KJ7WY	I8LWL	WA1S	KQ1F
UA9FGJ	KM9E	IT9SFT	WD8DSB	KS4XQ
US5CAO	LX1DA	IZ4MJP	WS4Y	LA2GV
UT4EK	N0RU	JA0HXV	WW5G	LA6UL
UT7EC	N1HOQ	JA1JAT	YO2IS	LZ1XZ
UX4UM	N9BBQ	JA6OXT		N0STL
UY0MM	N9PGG	JA8OW	101	N2AJ
VE3VHB	N9SF	K0YN	AA2VG	N5AQ
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W3DRY	OK1DQT	K2TK	AC2AC	NE1F
W3TMZ	OK2BQU	K3KG	AC5O	NX2X
W5CWQ	OK3BRK	K4AQQ	CT1JGA	OA4TT
W5GJ	OZ7JZ	K4KAY	D44BC	OE3WQB
W5ZO	PA0GMM	K5ZO	DH2FW	OH3TY
W6PH	R9GM	K6DJ	DK9WI	OK1PGF
W7DR	RA0FA	K7BHM	DL1KS	OK2BOB
WA0I	RA4HT	K7UA	DL3ANK	OK3EY
WA0RVK	RK3QY	K8BHZ	DL5JS	OK4MM
WA9ETW	RU3OW	KJ6NZ	DM3ML	ON4LG
YC0LOW	SM3CBR	KN4KL	EA1WX	OZ5HP
YO5ODE	SM6EHY	KW4BY	EU1TT	PA4WM
	SM7BHH	KY6R	G3ZFC	RA3AH
103	UA3PFN	LA3ANA	G4FJK	RA4P
AG1I	US2WU	N5RZ	GM3WTA	RA4SD
AI3Q	UT2AB	NZ3M	HB9NL	RB7GG
DJ1MM	VA2ZO	OH2EA	IV3GOW	RK9F
DJ3GZ	VA3IC	OK1DTN	IV3KCB	RY6M
DJ7PI	VE3EDY	OK1JDX	JA1VVX	SM2DMU
DL2HX	VE3MFA	OK3CSQ	JA2VMU	SM7NDX
DL8YRM	VE3VV	PA7TWO	JA6TMU	SP7JLH
DM5TI	W0QC	PV8ABC	JA7SFD	SV1PL
DS3HWS	W0UVC	PY2DO	JE1SYN	UA0FDX
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EU6MM	W4AVY	R3IS	JH3HGH	UR7CQ
EW3LB	W4MZ	RU3UN	JH3PRR	UT1CC
G3BDQ	W5THT	S59DJK	JI3KDH	UT4IS
G4AAW	W5VU	SM6WET	K0LW	UT7HA
G4PUQ	W6SZN	SP5MXZ	K1YR	VE2OJ
G4VGO	YO7APA	T77V	K2BX	VE3XB
I0OSI		UA1AIR	K2TER	VK2GR

W1AW	JH7BKN	ON4ANN
W1FC	K0FLY	ON7EH
W1GF	K0LB	ON7GB
W2SF	K0XM	ON9CC
W3WH	K1NA	OZ1ZD
W4BUE	K1NZ	PA0INA
W4PM	K1TZQ	PA7RA
W7AV	K2CBI	R3PJJ
W7CB	K2CYE	R9JX
W8GB	K3TZV	RA3SD
W9MAF	K4FT	RA4LW
W9ZCL	K4KSY	RA6XB
WA3EKL	K4QS	RC2A
WB3HLH	K4UQC	RN1A
WC4H	K7VIC	RT5A
WK9U	K8BZ	RU3GF
WR2G	K8CR	S53MJ
YO2OXD	K8CS	S59SV
YO6BHN	K8LE	SV1VJ
YV4DYJ	K9NZ	SV2DSJ
	KB0EL	UA3AKI
100	KC0V	UA4PAY
9M6YBG	KC4D	UA6CEY
A41ZZ	KC5LT	UN6P
AA4AK	KD8BZY	UR4CW
AB4VV	KD9HL	UR4LRG
AC4VM	KP4N	UR8IDX
AI2S	KQ5M	US8UW
DJ6OI	LA8W	VE1RGB
DL1TPY	LU5OM	VE3OAT
DL1TRK	LU5YF	VE7JKZ
DL9GTB	LZ3YY	VP2VA
DU7ET	MM0SJH	VR2PX
EA1CP	N0AH	W0GYH
EA2AAZ	N0ATQ	W0MU
EA3ALD	N1KI	W1AN
EA8AXT	N1MD	W1YRC
EC5A	N2SG	W2CCC
ES5NC	N2XQM	W3BBO
FM5GU	N3AF	W4HHN
G0VXE	N4CRI	W4MAY
G3OIL	N4ZR	W4OEP
G4CGG	N7DED	W4OV
GM3ZSP	N7TK	W5BK
I2VGW	N8IL	W7DT
IK0HFO	N8NB	W7JET
IK4MSV	N8OQ	W8CNL
IS0/YO3RA	N9ADG	W8FN
IW0BYL	NA6O	W8GDQ
IW0HQE	NB3R	WB4SON
JA1BRK	NG7A	WU2M
JA1CPU	NJ3I	YB1TJ
JA1ILA	NN4SS	YL2SM
JA4FSH	NU1T	YO2CMI
JA5DQH	OE5JDL	YO9FLD
JA9CGW	OK1DXD	ZP9MCE
JF3DRI	OK2PAZ	ZS2DL