

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 17 Aug 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	JA4LKB K1UO RU3DX YU1FW
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 JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
335 OH2BU	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	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	304 DJ0MDR GM0GAV SM3GSK	
332 UR0MC	319 N0XA SM4CAN UT5UGR			
331 K5UR LZ2DF UT7QF	318 4X4DK W9ZR			
330 AA1K HA0DU OH1XX R4GM	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS JA1BK	
329 K3UL UA4HBW	316 K5RK OH3SR			
328 UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	OH3BU OK1AWZ VE2TZT	268 DL5DSM G3WPH K8PT RA3XDX SP9JZU W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C 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	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	266 G4OBK 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 SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V AA6YQ AA7A EI7BA K4XP RW0LT SP5DIR SV8BHN W1GL YO5BRZ
293 JH4UYB N0TB S58T	285 G4CCZ UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	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
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR N9IW	270 AA1V LA3MHA OE5KE	262 G0DQS IK5HHA KR9U N5KD W1YY
290 UA3AKO			269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS

NO8D SP1S	AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD JF8QNF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	EA6VQ 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 K2FF N9US RL9F RY7G W9XY	239 K0KT K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM	234 IZ8FFA JA0FSB K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE N4II PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 AJ6T DL8WN IK0XEZ IZ1LBG JA0DAI RA0FF VO1HP W3LL	233 DJ5FI K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 K1GUN K9NW N8TR W9YSX	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
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL W1TSP W3DF	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
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC SV8GFW 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
254 I1EIS N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R R7IA WB3AVN YO9HP			
253 5B4AGN				

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

K4KDX
K9JF
KB9LIE
LA7AFA
SM7GIB
W2LO
W4FC
WD8JJA
WN6W

193

CT1IUA
DF2GH
DK1FW
DL5ZB
DL6ZXG
EA3WD
HA5BSW
JA1XEC
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

190

IZ8XQC
JA1DUH
JA1MCU
K0BBC
K2TE
K9KU
KM1D
N4XU
N5GH
SP2LNW
VE7VV
WE9R

189

9A2F
EA8PP
FM5CD
JA0VSH
SP7HOV
UA7T

188

AA1ON

AB4IQ
CT1FMX
JA1KQX
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
SM0NJO
W6SR
W8JV
WA3C
WA6YEE

187

AJ1H
K0SR
K6SRZ
KN5O
LA0FA
N2NS
OK1CZ
W7AWA

186

9A8A
IK2QPR
JA8DNV
K0BJ
K7LAY
W1YM
YL2TW

185

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

184

HA5WA
JA2ZL
JF1NZW
K4HGX
K5KLA
KB4ET

S57AC US8UA W2YJ	K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	LA5LJA N7IR N7XR PE1L SP1MGM TF3SG VE3FF W8HC WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO N9RC RA3DNC SV1LK UN9L WA9PIE	PA7F SP5GH W4SVO W6VX W8OI WA0MHJ WA5YNB
183 IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W3IP W9EVI WA3AFS	167 DK5AD EC3A EI6FR JA6VQA K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WC5N
182 DJ9ON DK3UA HK3W JA1SHE JA3ENN N3OC UR3EO	177 9H1SP AE5E CT1GFK IK4ADE K3WC K4RG K9NU SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JG0CQK K1NTR K4XR K9YC KA1J N5FG PY5EW	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7Yaq WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT
181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W9AJ	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK OK1DWC RL3FA SM5FUG W4BP W4GD YO7NE	172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WC4X	168 G3MXJ IK2EGL JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN
180 DM2DXA DM3VL EA8JF JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W7BEM W8TN				
179 CT1FPQ IT9ELD IW0SAF JA9NLE JR7BDQ K0TT	175 JA1CHN JS3CTQ K4DLI K5GKC			

NY0V RC9F SM4CTT SP6EQZ W5BN	K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	W3GQ W4QN 157 AA4H AC6DD DL6MRS EA5BY G3TQZ G4GIR JA1GHH JH2QMT JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF	GM3PPE HB9BUN JA8NFV JL1RUC JR3OEH K0KVR KR2Q NX8Y W1NA W5DNT WB0TEV YS1RR 153 AA6AA AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFF LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU 152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM 151 AA7G CU2AP DK2OY	EI9JF F3SG HB9SLO JA2VQF JA6BEE JH1NYM JR1XIS K2AX K2FW KD0PO N5JB OK1ATP RD3A RU3A S54A SP7AWG SV9AHZ W7CT W7RH WA1Z WA2BCK WP4G 150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W2/CT1GIF W6DAO WW2DX 149 DL7CX HB9HFN IK4FNF JL1ARF K3RA K3TN K4YYL K8ME K8ROX R8TX SM6CUK UW7UA W0GG
164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG SV2AEL W4DKS W4NS* WW3S	160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	156 AB9V DL4MM IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV		
163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	159 JA4FKX JH6QFJ K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI WE1P ZS6EZ		
162 4O3A 9A4W F3AT HB9TKS IZ4DPV 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 W2XL	154 3V8SF		
161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY K1USA				

W7HPW
WB8B
WD5K
WS5W
YO3DDZ

148
DK2CC
F5CQ
F5LVL
F5PAC
G4FTC
JH1QDB
K5VWW
LA6OP
N2WB
N5XZ
NE3F
W5FKX
W9JJB

147
EA3GP
IV3VBM
JA1XQC
K7HP
K8UT
KM1H
N1IBM
PC3T
W1OP
W2KKZ

146
EU4A
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JA5XAE
JH1GNU
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K7WP
N7BT
RU0SN
W1IZL
W1ZT

145
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JE6TSP
JJ3HGJ
JK1AJX

JN1BMX
K1OA
K3VAT
K4OY
K8BL
KF6HI
N1CGP
N4GG
NA5C
RT0F
SM3DTR

144
CU3EQ
DL5CW
DL5KUA
E70T
EI6IZ
GM3ITN
HB9BYQ
I5MXX
IT9GSF
IV3DXW
IZ4GWE
JA3GN
JE1FQV
K0VSH
KJ9C
N1IX
N3KK
SM4OLL
SM5CLE
W4GE
W5ADD
W7ZI
W8RLS
WC5M
WD5T
YO3CD

143
DL1DUO
DL6EN
HS0ZEE
K7CMZ
K7CW
N2RJ
N2WM
N5UW
N6PAT
N6PSE
NN4R
W0IZ
W6QUV
WB8ZRV
WD9DZV

142
I5HOR
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JA2ATE
JH0BQX
JR7WFC
K3PP
K4WZ
K6EME
KK1W
LA9VFA
MM0SAJ
N2ZN
N7QT
NA4D
NQ7R
NY2NY
OH1JP
OK1DO
W2OO
W5LUA
W5VQ
WA5POK
WB8CQV

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EW1BA
HB9FMT
JA1PTJ
JA9RRH
JH1HHC
JI1DCW
JL1UXH
JR2LJO
K2RW
N8OC
NJ3K
OE6VIE
SV3FUO
W2CG
W3BW
W4JVN
W4VIC
W4WT
W8GNM
W8HW
ZS1C

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K5WK
K6KLY
KF8DX
N4XP
OH6NIO

ON7DR
UN1L
VE6SV
W0SEI
W4NU
W7IV
W8LWU
WO2T
YL2MU
YO9FNP

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DJ4XA
DL5EBE
DL8OH
DS1JFY
JA1TMG
K3ANS
K6AM
K8GI
K8RF
KA8SYV
KU0A
LA8WG
OK1MP*
SM5CBM
SV8ZC
W0SD
WA8WV

138
DK8MCT
DK8YY
EI9FBB
F6DDR
IK8EPC
JA3OOK
JF3LOP
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KJ6P
LB5WB
ON6AA
OZ8X
RW4CY
UN7JID
V51B
W1GD
W2YE
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W7OM

137
EA1YO
GM3YOR

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JA4OK
JH4JNG
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RG7G
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WB5JID

136
E72U
ER0FEO
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K7TM
KR6C
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W2OIB
WB7QXU

135
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DJ9ZB
F6FXU
IK8GYS
IU0HDC
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JA8BNP
JA8JL
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K4ZRJ
K7FL
K7XB
NZ9R
R7LP
RN3RQ
SM3LGO
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SP3XR
SV5DKL
W1DIG
W1EQ

W2GD W4BUW W4MBD W4RFZ W6JTI WE4S	K9ZM N6HY OZ2RH SM4BZH SM6BGG SP6M VE3CRG W4AXL W4RBO W4WM W5SL W6DR W7AH W7CD W9FR WB3D XE2S	K3NK K6SIK K7LFY K8BCK K9GL KO8SCA NA4EA NO9E OZ2ABI PY5EG R3VA R5QA R9AB RU1AO S51NM TA1CM VE3DO W2MPK W9ZT	S55DX SM3GQP SV3DCX US8UW VQ9LA W2WC W4IS W6RKC ZS6UT	VE3CX VE7BV W8LMG W8MK W8REW W9ILY WB0O WB2REM WD4LBR YU1EXY
134 CT3HF IK4DCS JA7LGE K1TO K1ZN K3OX KX4TT N9MR* N9RS OE1TKW PY5HOT RG6G RX4HW SM0BYD SP6JIU UA0ACG W4JKC YU1AM	131 DK7YY G3UHU HS1NGR IV3KFB JA0AOO JA2TBS JH4ADK JJ1TEA JM1FHL K1UU K5VIP K9DR KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT N6RK ON4ON R0SR R9MJ R9SA W8DCH ZS1A	129 HA1RB HB9AZZ JA1NWD JA8JO K4TT K6XM LB7ZG N0YY N2BJ N3KS N3RR W0YVA W7QHE W8MET	127 CT3KN HK1MW IK2SGB JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JS2LHI K0RW K3TRM KM3T N1AC N1GC N9RD OE8HIK PA3EWP SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3FOX W3MF XE1KK	125 9A1AD AG1A GW3TMP HK4SAN IK5DNF JA4IYL JA6VU JE1TSD JE6UWU JF2WXS JH1AGU K1HAP K5KG K8DV KA6BIM KI4WCQ LZ1XL N2KA N3EN N4JT ND5S NW6S OE1AZS RA0BA UU7JM VE3UTT W5DAW W9CG* WV4TN YO2RR
133 9K2NO EU1U IZ8DFO JA7GLB JA9AGN JR6FC JR7FRW K2CDJ KS4YT KU2A OE1KM ON4CAS RA5BM RV4LC UQ2PZ VE3WT W0NFL W2QO W5AJ	130 DF9ZW E73M EI2JD G7VJR HK0HEU IK3XJP JA2FBC JG1DUZ JI4POR K2MYR	128 AA4SC DM2RM IT9ZZO JA2AHH JA2KSP JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW KM4NS N5KM OH1ZK OZ1IKY R9SG S53X	126 DJ8WD DL9FCY F8BPN G4IUF IZ7EVZ JA1XCZ JA7KY JH3CUL JJ1DWT JN1RQV K2ZD K4JKB K4XU N8NA OE3SGU OK3CQD PA5TT	124 AA7XT JI1DHY KD4POJ NA2U PA0TCA UA0BA VA7CRZ VE1DUN W2JU W2RIJ W3FM W6CYX
132 AA4NC AB9M AD6W IK3VBB IT9RDG JA2KVD JA6CBG K6YUI				

123	UU4JMG	N4LR	XE1RCS	N6MB
AB1OC	VE6AX	N4TB		N8AA
AC4TO	W2TB	N4UFP	118	N8XI
DL7JRD	WA3I	N8PW	5T5PA	NY4G
F4GTB	WA7BNG	OE3EVA	AB2E	OZ5HP
G4WFQ		OZ2A	DL5OCE	SM7BIC
G5LP	121	PZ5RA	JA4FHE	SP8HKT
HB0WR	AA6RR	RL3BZ	J18DGO	UA6J
IK2CHZ	DF1DB	SP7ITB	JN7DOS	UB3A
JA0CRG	DK1EI	SV1FKZ	K3WGR	UR9IDX
JA1SJV	DK6CQ	SV1IW	K4CNW	US1CT
JA3MHA	EI2GLB	UR5IKN	K5XM	W4ZRZ
JA6WJL	HB9DHG	US0YA	K7PI	W6SL
J14WAO	JA2HYD	W0RX	K8LN	W8ZR
JK1EXO	KD8RQE	W2YR	K8WVA	WA2USA
JR1EBE	KG9Z	W3OA	KD2T	
K2PK	N0OK	W4PRO	KD6UO	116
K3XO	N1JP	W6RFL	KG8CW	AJ4F
K4ZIN	N3ND	W7RN	KV4AA	DL7URH
K5GH	N4TL	ZL4AS	LZ2HM	EA5BRE
K7UT	N6HC		N2MM	HA7PF
K9CS	SV1AHX	119	N4DJ	IK0EIE
KV4T	UQ1GWW	AA3AZ	PY2PA	IK2OHG
N2ED	UT4EO	AA4DD	RN3TT	IT9TQH
N4DWK	UU2JQ	AE3T	SV9COL	IV3HYD
N6MZ	VA3AYA	AJ4A	TA2RC	JA1WTI
N9JV	W0QQ	DK3GG	VK4CAG	JE2EHP
N9LQ	W2GG	DL9OBY	W1KSZ	JH3GCN
NA2P	W3RJW	EW4M	W4DAO	K1DC
NA9RB	W6XI	G4DJJ	W4NJ	K1RI
S50B	W9XX	HB9AAQ	W5JMW	K9FN
UA3DK	W9YE	HB9BCI	W9FI	KT1V
UR9QQ	WA1PMA	I2TZK	WX3P	KV1J
UT3QU	WT4Q	I4MKN	YO4AUL	NA9Q
W1AO	WY1G	IU0LFQ		OZ1LCG
W4NF	XE1VIC	JA3AZD	117	PA0JSE
W8NJR		JA4XGC	9Y4VU	RV3ID
WB8K	120	JE2JMV	AA8CH	TZ4AM
XE1H	9A5F	JH6CDI	AE0P	UA4PCM
	AA5JF	K3FRK	BH4IGO	W1ENE
122	AC9EM	K5UZ	DL1DWT	W1WEF
BA4RF	AL7TC	K7EG	G3PLP	W7GG
G3NDC	DL2VWR	K8KWT	IT9AAI	W7OEV
JA1MRM	FG5FR	K9SG	IT9DAA	W8LRO
K1BZ	HB9BLQ	N0KV	JA1HQT	WQ5L
K1ESE	IZ0LKV	N9UA	JA4FM	
K1YT	IZ5NFD	NT2A	JA5FDJ	115
K2MP	JA4EPE	NY7T	JA7GYP	C6AGU
K7ZA	JR3UIC	OH5NG	JA7IC	CU2CE
KR0P	JR6LLN	OK1DT	JM3GXU	DL9GOA
LA7WCA	K2BA	R6FFB	JR2UBS	G4XEE
LA8PT	K2HK	SV1ACK	K2BB	G8BCG
N3NR	K3QIA	VE3YF	K3NF	G8DX
N9AW	K5JC	W4HZ	K6PJ	HA5UK
NN7X	K6FW	W8FIB	K8OOK	HK3PJ
OZ3Y	KA8ZPE	WC2K	K8QM	IW0HEX
RD4A	N4BAF	WP3R	N4IR	IZ7JVR

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JA3NHL	WA1FCN	A92IO	DK2WH	J68HZ
JG3LGD	WA4CEM	DJ1RL	DK6ED	JA7EPO
JH1RFM	WA8MCD	DK5RL	DL1HRN	JE2UFF
K0GD	WA9YYY	DL5CL	EV1R	JH1VHU
K0SD	WN9O	EA1JO	F6ECI	K2BLA
K4CMS	XE3ARV	EI8IU	G4DBN	K3JRR
K4GHS		EW1DO	HL3GOB	K3PH
K4GK	113	G3XGC	JA1AUD	K4WW
K8YTO	9A1A	HB9CEX	JA1FGB	K6MI
LY4T	DJ5DT	HB9CRV	JA1NCZ	K6VKO
N0IRM	DJ9RR	HB9G	JE8TGI	KB4MRX
N4OA	DL8CM	IK2ANI	JF2WGN	KC2STA
N5BO	DL8DYL	IU8FRE	K0FLY	N2CG
N8KOL	G4AFJ	IZ4DIW	K5WAF	N3HBX
PA3AXU	HB9EFK	JA1SXR	K7ORK	N3IQ
RZ6MJ	JA0GCI	JA4BXL	K9AJ	N3JB
UA1ANA	JA4ITW	JA7BXS	KM1R	N4KE
UA1CGS	JH1ORA	JR7TEQ	KP4AA	NC6K
UA6XT	K0TPP	K0JPL	KZ0X	NK7C
UN6T	K2HAT	K1EDG	LA0CX	NY4I
W4UCK	K8SL	K1EO	N4WJ	RD9M
YL2CZ	K9GWH	K1KO	N7BD	SM5BHW
	KA4RRU	K4UAS	N9HF	SP9WZS
114	KH6DX	K8CC	NA1DX	SV1VS
AB4GE	KI0G	KB2FCV	UR6QA	UA3O
BA4DW	KT1J	KI4DLS	UT1UY	US7MM
BA7IO	N7KO	KM1C	VE6KC	W0UY
CT3FN	N9ISN	LA8HGA	VE7CT	W3XY
CU3AK	NA3F	N5ZC	VE7UF	W4DC
DL6NB	NG0G	N6MA	W0VHF	W4NE
F6CWA	NI5F	N6PE	W1FO	W5ZPA
G3SDL	NK5B	RU4SU	W4HOG	W6KK
HP3TA	ON5UE	SM3DMP	W4OX	WL7E
I5OYY	R7NA	UA1ACG	W5AQ	XE1FAS
IK7YZG	RA4UN	UA1CEI	W7VS	YU7AU
JA1OVD	RZ3AUL	UT6UD	W8KA	ZL3NW
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JA5WIZ	SP3EPG	W1HEO	W9RB	109
JH6WMJ	SV1JFV	W2CVW	WA2BOT	DF1KG
K1RV	SV2AVP	W2SKI	WA2MUA	EA3GHZ
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K3OSX	W2GW	W5VX	YL3DQ	G3SVD
K5CD	W6BK	W6TC	YO6HOY	JA2CXF
K5RJ	W8FAX	W8GEX		K2ONP
KB8U	W9DX	W8HMK	110	K4RDU
KZ4V	W9HBH	W9SE	BA4MY	K5FZ
N1QY	W9VNE	WA8OLN	DL1VDL	K5KA
N2JJ	WA4DOU	WT9U	EA5BYP	K5KPE
N3MN	WB2HJV	ZP6CW	F5BAR	K6MW
N4IQ	WB2UFF		G3LNS	KE1F
NU8Z	WS4C	111	G8AJM	KZ5DX
UA3FT	XE1RBV	9K2OD	HC1BI	N1BZ
W0VX	ZL1BYZ	AA4U	I2BBJ	N2WLG
W3MR		AF4OX	IK5RUN	N7TY
W4TUN		CU3AN	IK8UHA	N8NN

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NU4I	W4ZYT	VE3OI	OK2BVG	N6NU
NX7U	W7ACD	VK3NX	S57AL	N7DR
PY5CC	WA2ALY	W3KB	UR3CRO	ND3L
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RW9QA	WB8BZK	W6TDX	UU5WW	OZ4AAL
RX3AGD	WC1M	W8IW	V73AZ	PF7M
TG9NX	WC6DX	W8VK	VQ9SS	PJ2/K8ND
UB5ZAL	WD9EQU	W9CPV	W1CWU	PY2DS
UT7KF	WW1WW	WA0RVK	W2EQ	R6YY
VU2CPL		WB6CJT	W2LE	RA6AF
W5WP	107	WB8ART	W2NO	RD4WM
WB5TUF	4Z5LA	WS1L	W3ICM	SP5JXK
WN0L	DJ8ES	XE2YWH	W4IR	UA6LCN
YV3AGT	DK3FB	YL1XZ	W5JAY	UR1RWX
	DL1QQ	ZL3RJ	W8OP	UR2RGN
	DL2CHN		WA4MYO	VE1PZ
108	DL5XU	106	WA6TLA	VR2MY
AI2Q	DO4DXA	AA4FL	YL2GN	VY2ZM
AL7R	EA5AT	AE2U	YU3EF	W1LE
DL6CNG	EA7QW	DJ6OZ		W1LY
ER1LW	FG8OJ	DL2NOM	105	W4OWY
G3VAO	G4AKY	DL3JSW	DF2PI	W5KI
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HB9FAN	HI8R	EA3CCN	DJ3XD	WQ5W
IK0PRG	I5IHE	HA8DZ	DJ6KH	YU1NR
IZ0BTV	IT9XTP	IK0ZIO	DL4ZAB	
IZ2EWR	JA5EY	IW3GJF	DL6XK	104
JA2MOG	JA6OXT	JA1VLK	DO1CTL	9M2AX
JJ2PIK	JA8JTH	JA2MNB	ES1GO	AD1C
JK1MZT	JH9DRL	JE6IGP	G3YUV	AG4Q
K1EP	JR1BAS	JG3HBO	HA8FW	AH0U
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K2KQ	K3SW	JH6PFY	JA4EVN	DK3BK
K2MK	K3YBN	JJ0NCC	JA6VA	DL4FAP
K4WY	K4MS	JR0EQQ	JA7BME	DL7UPN
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K8OM	K8ZR	K4DSE	JF1RYU	EI9E
KM8AM	KB9DAK	K5AM	JF2VAX	F6AJA
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N9SF	N6EE	KQ3F	K7PO	JA1SDV
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NU4Y	NA5Q	N2CW	KI5T	JF1EGO
PA0ZH	OE1CP	N2SQW	KT2E	JF6WTY
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S57J	RN4AA	NI5M	N4JI	K1BG
SM6AOU	RV6ARZ	NS3L	N4NW	K3FM
UX7UN	SP3BQD	OE5CSP	N4PL	K4KEW
UZ6LWZ				

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K5HK	DL8YRM	W0QC	R2AB	JA7SFD
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K9EA	EA7SG	W4AVY	S59DJK	JH3PRR
KA2BZS	EU6MM	W4MZ	SM6WET	J13KDH
KH6KG/W5	EW3LB	W5THT	SP5MXZ	K0LW
KI0KB	G3BDQ	W5VU	T77V	K1YR
KW0A	G4AAW	W6SZN	UA1AIR	K2BX
LZ2XF	G4PUQ	YO7APA	UA1CKC	K2TER
N3ER	G4VGO		UA6HOF	K3SEW
N3TR	I0OSI	102	UA9MR	K4NNX
N4GU	JA1JAT	A6/RV6LNA	UA9UCO	K5DNL
N4TTE	JA2GQO	CT4BD	UW7CN	K6AAW
N6PF	JA2OLJ	DK3QM	VE2FYR	K6XJ
N6WM	JA3FHL	DL3DXX	W0JMP	K7AR
N8MZ	JA8EJO	DL3NCR	W1AW	K7IA
N9DR	JE1SYN	DL4CW	W1MRH	K8BN
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NJ9C	JM2RUV	DL5RDI	W2LW	K9PG
NN3Q	K0EOO	EA8AKN	W2TX	KC4PX
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RA1QX	K5JUC	ES5RW	W5TO	KE4S
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SO5AS	KJ4R	IZ4MJP	WW5G	LA6UL
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	UA3PFN	NZ3M	G4FJK	RB7GG
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DJ1MM	VA3IC	OK3CSQ	IV3KCB	SM7NDX
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UR7CQ	IW0BYL	NJ3I	YL2SM
UT1CC	IW0HQE	NN4SS	YO9FLD
UT4IS	JA1BRK	OE5JDL	ZP9MCE
UT7HA	JA1CPU	OK1DXD	ZS2DL
VE2OJ	JA1ILA	OK2PAZ	
VE3XB	JA4FSH	ON4ANN	
VK2GR	JA5DQH	ON7EH	
W1FC	JA9CGW	ON7GB	
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	KB0EL	UA4PAY	
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AB4VV	KP4N	UR8IDX	
AC4VM	KQ5M	VE1RGB	
AI2S	LA8W	VE3OAT	
DJ6OI	LU5OM	VE7JKZ	
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DL1TRK	MM0SJH	VR2PX	
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DU7ET	N0ATQ	W0MU	
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EA2AAZ	N1MD	W1YRC	
EA3ALD	N2SG	W2CCC	
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EC5A	N3AF	W4HHN	
EI3ISB	N4CRI	W4OEP	
ES5NC	N4ZR	W4OV	
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G0VXE	N7TK	W7DT	
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