

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 19 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			
331 K5UR LZ2DF UT7QF	318 4X4DK W9ZR		304 DJ0MDR GM0GAV SM3GSK	
330 AA1K HA0DU OH1XX R4GM		310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
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 VE2TZT	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	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	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
I3BUI	ZS4TX	UT4MF	W0LYI	N5ORT
IK0HBN	222	W5PJR	W1FJ	RU3ZX
IK6FWJ	IV3JVJ	217	W2WG	UN5J
JA1UQP	K3SV	DM5EE	W3YY	UY1HY
JA2NDQ	K6EID	JH1IFS	WS9V	W6PJ
JA9CHI	K8FH	K5PC	212	W9EWZ
K1FK	K8ZTT	ON6YH	AA9A	207
K3NW	N5AW	UA3AGW	DL9GFB	K1DT
W9BF	N5JR	216	K4MQG	K1LPS
226	N8PR	F6DAY	K8ZH	K3JT
DL5WW	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
SP3CGK	N6VR	W0GJ	W1ECT	K2VV
US0SY	W1ZK	W6XA	WB9CIF	K3LR
UT5JAJ	W6JRY	YO7LCB	211	K5AQ
VE6WZ	WS6X	YU3AA	EA1RT	K5MC
W0VTT	220	YV1DIG	IK4DRR	K8AC
225	AG8B	215	JA4DEN	KG9N
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
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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

190

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

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 IK4FNF JL1ARF K3TN K4YYL K8ME K8ROX R8TX SM6CUK UW7UA
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	

W0GG
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
JA1HQG
JA4DHN
JA5XAE
JH1GNU
K1CA
K5KV
K5SM
K6NR
K7WP
N7BT
RU0SN
W1IZL
W1ZT

145
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JJ3HGJ

JK1AJX
JN1BMX
K1OA
K3VAT
K4OY
K8BL
KF6HI
KR0P
N1CGP
N4GG
NA5C
RT0F
SM3DTR

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I5MXX
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WB8ZRV
WD9DZV

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K6EME
KK1W
LA9VFA
MM0SAJ
N2ZN
N7QT
NA4D
NQ7R
NY2NY
OK1DO
W2OO
W5LUA
W5VQ
WA5POK

141
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HB9FMT
JA1PTJ
JA9RRH
JH1HHC
J11DCW
JL1UXH
JR2LJO
K2RW
N8OC
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SV3FUO
W2CG
W3BW
W4JVN
W4VIC
W4WT
W8GNM
W8HW
ZS1C

140
9A1CAL
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KF8DX
N4XP
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ON7DR
UN1L
VE6SV
W0SEI
W4NU
W7IV
W8LWU
WO2T
YL2MU
YO9FNP

139
DF7EE
DJ4XA
DL5EBE
DL8OH
DS1JFY
JA1TMG
K3ANS
K6AM
K8GI
K8RF
KA8SYV
KU0A
LA8WG
OK1MP*
SM5CBM
SV8ZC
W0SD
WA8WV

138
DK8MCT
DK8YY
EI9FBB
F6DDR
HB9RYZ
IK8EPC
JA3OOK
JF3LOP
JH7RXU
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K2RET
KJ6P
LB5WB
ON6AA
OZ8X
RW4CY
UN7JID
V51B
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W2YE
W4YV
W7OM

137
EA1YO
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HB9CQK
IZ2FOS
JA3APU
JA4OK
JH4JNG
K2QMF
K8NS
RA3CO
RG7G
UU1JA
W1ITU
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WB5JID

136
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WB7QXU

135
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JA8BNP
JA8JL
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K7XB
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SP3XR
SV5DKL

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W1EQ	K9ZM	K3NK	S55DX	VE3CX
W2GD	N6HY	K6SIK	SM3GQP	VE7BV
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W4RFZ	SM6BGG	K9GL	VQ9LA	W8REW
W6JTI	SP6M	KO8SCA	W2WC	W9ILY
WE4S	VE3CRG	NA4EA	W4IS	WB0O
134	W4AXL	NO9E	W6RKC	WB2REM
CT3HF	W4RBO	OZ2ABI	ZS6UT	WD4LBR
IK4DCS	W4WM	PY5EG	127	YU1EXY
JA7LGE	W5SL	R3VA	CT3KN	125
K1TO	W6DR	R5QA	HK1MW	9A1AD
K1ZN	W7AH	R9AB	IK2SGB	AG1A
K3OX	W7CD	RU1AO	JA1DDH	GW3TMP
KX4TT	W9FR	S51NM	JA1WLO	HK4SAN
N9MR*	WB3D	TA1CM	JA8RJE	IK5DNF
N9RS	XE2S	VE3DO	JA9KRO	JA4IYL
OE1TKW	131	W2MPK	JH3AIU	JA6VU
PY5HOT	DK7YY	W9ZT	JS2LHI	JE1TSD
RG6G	G3UHU	129	K0RW	JE6UWU
RX4HW	HS1NGR	HA1RB	K3TRM	JF2WXS
SM0BYD	IV3KFB	HB9AZZ	KM3T	JH1AGU
SP6JIU	JA0AOO	JA1NWD	N1AC	K1HAP
UA0ACG	JA2TBS	JA8JO	N1GC	K5KG
W4JKC	JH4ADK	K4TT	N9RD	K8DV
YU1AM	JJ1TEA	K6XM	OE8HIK	KA6BIM
133	JM1FHL	LB7ZG	PA3EWP	KI4WCQ
9K2NO	K1UU	N0YY	SK7AX	LZ1XL
EU1U	K5VIP	N2BJ	SP6A	N2KA
IZ8DFO	K9DR	N3KS	SP7ASZ	N3EN
JA7GLB	KC2LSD	N3RR	W0CP	N4JT
JA9AGN	KH2L	W0YVA	W0RT	ND5S
JR6FC	KM3V	W7QHE	W1OPD	NW6S
JR7FRW	KM4H	W8MET	W3BG	OE1AZS
K2CDJ	N3MK	128	W3FOX	RA0BA
KS4YT	N4QWZ	AA4SC	W3MF	UU7JM
KU2A	N5PHT	DM2RM	XE1KK	VE3UTT
OE1KM	N6RK	IT9ZZO	126	W5DAW
ON4CAS	ON4ON	JA2AHH	DJ8WD	W9CG*
RA5BM	R0SR	JA2KSP	DL9FCY	WV4TN
RV4LC	R9MJ	JA9AA	F8BPN	YO2RR
UQ2PZ	R9SA	JE1LFX	G4IUF	124
VE3WT	W8DCH	JH4GJR	IZ7EVZ	AA7XT
W0NFL	ZS1A	K0FF	JA1XCZ	AB1OC
W2QO	130	K3XA	JA7KY	J11DHY
W5AJ	DF9ZW	K4JAF	JH3CUL	KD4POJ
132	E73M	K4SE	JJ1DWT	NA2U
AA4NC	EI2JD	K6LPO	JN1RQV	PA0TCA
AB9M	G7VJR	KG7CW	K2ZD	UA0BA
AD6W	HK0HEU	KM4NS	K4JKB	VA7CRZ
IK3VBB	IK3XJP	N5KM	K4XU	VE1DUN
IT9RDG	JA2FBC	OH1ZK	N8NA	W2JU
JA6CBG	JG1DUZ	OZ1IKY	OE3SGU	W2RIJ
	J14POR	R9SG	OK3CQD	W3FM

W6CYX WB8K	UU4JMG VE6AX VK4CAG W2TB WA3I WA7BNG	K5JC K6FW KA8ZPE N4BAF N4LR N4TB N4UFP N8PW OE3EVA OZ2A PZ5RA RL3BZ SP7ITB SV1IW UR5IKN US0YA W0RX W2YR W3OA W4PRO W6RFL W7RN ZL4AS	W8FIB WC2K WP3R XE1RCS	N4IR N8AA N8XI NY4G OZ5HP SM7BIC SP8HKT UA6J UB3A UR9IDX US1CT W4ZRZ W6SL W8ZR WA2USA
123 AC4TO DL7JRD F4GTB G4WFQ G5LP HB0WR IK2CHZ JA0CRG JA1SJV JA3MHA JA6WJL JI4WAO JK1EXO JR1EBE K2PK K3XO K4ZIN K5GH K7UT K9CS KV4T N2ED N4DWK N6MZ N9JV N9LQ NA2P NA9RB S50B UA3DK UR9QQ UT3QU W1AO W4NF W8NJR XE1H	121 AA6RR AA8CH DF1DB DK1EI DK6CQ EI2GLB HB9DHG IT9AAI JA2HYD KD8RQE KG9Z N0OK N1JP N3ND N4TL N6HC SV1AHX SV1FKZ UQ1GWW UT4EO UU2JQ VA3AYA W0QQ W2GG W3RJW W6XI W9XX W9YE WA1PMA WT4Q WY1G XE1VIC	119 AA3AZ AA4DD AE3T AJ4A DK3GG DL9OBY EW4M G4DJJ HB9AAQ HB9BCI I2TZK I4MKN IU0LFQ JA3AZD JA4XGC JE2JMV JH6CDI K3FRK K5UZ K7EG K8KWT K9SG N0KV N9UA NT2A NY7T OH5NG OK1DT R6FFB SV1ACK VE3YF W4HZ	118 5T5PA AB2E DL5OCE JA4FHE JI8DGO JN7DOS K3WGR K4CNW K5XM K7PI K8LN K8WVA KD2T KD6UO KG8CW KV4AA LZ2HM N2MM N4DJ N6MB PY2PA RN3TT SV9COL TA2RC W1KSZ W4DAO W4NJ W5JMW W9FI WX3P YO4AUL	116 AJ4F DL7URH EA5BRE HA7PF IK0EIE IK2OHG IT9TQH IV3HYD JA1WTI JE2EHP JH3GCN K1DC K1RI K9FN KT1V KV1J NA9Q OZ1LCG PA0JSE RV3ID TZ4AM UA4PCM W1ENE W1WEF W7GG W7OEV W8LRO WQ5L
122 BA4RF G3NDC JA1MRM K1BZ K1ESE K1YT K2MP K7ZA LA7WCA LA8PT N3NR N9AW NN7X OZ3Y RD4A	120 9A5F AA5JF AC9EM AL7TC DL2VWR FG5FR HB9BLQ IZ0LKV IZ5NFD JA4EPE JR3UIC JR6LLN K2BA K2HK K3QIA		117 9Y4VU AE0P BH4IGO DL1DWT G3PLP IT9DAA JA1HQT JA4FM JA5FDJ JA7GYP JA7IC JM3GXU JR2UBS K2BB K3NF K6PJ K8OOK K8QM	115 C6AGU CU2CE DL9GOA G4XEE G8BCG G8DX HA5UK HK3PJ IW0HEX IZ7JVR

JA2KNW	W0VX	112	DK2WH	J68HZ
JA3NHL	W3MR	A92IO	DK6ED	JA7EPO
JG3LGD	W4TUN	DJ1RL	DL1HRN	JE2UFF
JH1RFM	WA1FCN	DK5RL	EV1R	JH1VHU
K0GD	WA4CEM	DL5CL	F6ECI	K2BLA
K0SD	WA8MCD	EA1JO	G4DBN	K3JRR
K4CMS	WA9YYY	EI8IU	HL3GOB	K3PH
K4GHS	WN9O	EW1DO	JA1AUD	K4WW
K4GK	XE3ARV	G3XGC	JA1FGB	K6MI
K8YTO		HB9CEX	JA1NCZ	K6VKO
LY4T	113	HB9CRV	JE8TGI	KB4MRX
N0IRM	9A1A	HB9G	JF2WGN	KC2STA
N4OA	DJ5DT	IK2ANI	K0FLY	N2CG
N5BO	DJ9RR	IU8FRE	K5WAF	N3HBX
N8KOL	DL8CM	IZ4DIW	K7ORK	N3IQ
OH8LXT	DL8DYL	JA1SXR	K9AJ	N3JB
PA3AXU	G4AFJ	JA4BXL	KM1R	N4KE
RZ6MJ	HB9EFK	JA7BXS	KP4AA	NC6K
UA1ANA	JA0GCI	JR7TEQ	KZ0X	NK7C
UA1CGS	JA4ITW	K0JPL	LA0CX	NY4I
UA6XT	JH1ORA	K1EDG	N4WJ	RD9M
UN6T	K0TPP	K1EO	N7BD	SM5BHW
W4UCK	K8SL	K1KO	N9HF	SP9WZS
W5VY	K9GWH	K4UAS	NA1DX	SV1VS
YL2CZ	KA4RRU	K8CC	UR6QA	UA3O
	KH6DX	KB2FCV	UT1UY	US7MM
114	KI0G	KI4DLS	VE6KC	W0UY
AB4GE	KT1J	KM1C	VE7CT	W3XY
BA4DW	N6PE	LA8HGA	VE7UF	W4DC
BA7IO	N7KO	N5ZC	W0VHF	W4NE
CT3FN	N9ISN	N6MA	W1FO	W5ZPA
CU3AK	NA3F	RU4SU	W4HOG	W6KK
DL6NB	NG0G	SM3DMP	W4OX	WL7E
F6CWA	NI5F	UA1ACG	W5AQ	XE1FAS
G3SDL	NK5B	UA1CEI	W7VS	YU7AU
HP3TA	ON5UE	UT6UD	W8KA	ZL3NW
I5OYY	R7NA	VE7XF	W8MIL	
IK7YZG	RA4UN	W1HEO	W9RB	109
JA1OVD	RZ3AUL	W2CVW	WA2BOT	DF1KG
JA4KDT	SM5ARL	W2SKI	WA2MUA	EA3GHZ
JA5WIZ	SP3EPG	W3UL	WB4TDH	EU4T
JH6WMJ	SV1JFV	W4VHF	WB9EEE	F8EZE
K1RV	SV2AVP	W5VX	YL3DQ	G3SVD
K2DC	UN7TW	W6TC	YO6HOY	HI8R
K2HAT	VE3KI	W8GEX		JA2CXF
K3MD	W2GW	W8HMK	110	K2ONP
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K5CD	W8FAX	WA8OLN	DL1VDL	K5FZ
K5RJ	W9DX	WT9U	EA5BYP	K5KA
KB8U	W9HBH	ZP6CW	F5BAR	K5KPE
KZ4V	W9VNE		G3LNS	K6MW
N1QY	WA4DOU	111	G8AJM	KE1F
N2JJ	WB2HJV	9K2OD	HC1BI	KZ5DX
N3MN	WB2UFF	AA4U	I2BBJ	N1BZ
N4IQ	WS4C	AF4OX	IK5RUN	N2WLG
NU8Z	XE1RBV	CU3AN	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
HB9FAN	G4RGK	EA3CCN	DF8AA	W4OWY
IK0PRG	I5IHE	HA8DZ	DJ3XD	W6FF
IZ0BTV	IT9XTP	IK0ZIO	DJ6KH	WQ5W
IZ2EWR	JA5EY	IW3GJF	DL4ZAB	YU1NR
JA2MOG	JA6OXT	JA1VLK	DL6XK	
JJ2PIK	JA8JTH	JA2MNB	DO1CTL	104
JK1MZT	JH9DRL	JE6IGP	ES1GO	9M2AX
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K2KQ	K3SW	JH6PFY	JA1TAA	CP8HD
K2MK	K3YBN	JJ0NCC	JA4EVN	CX3CE
K4WY	K4MS	JR0EQQ	JA6VA	DK3BK
K4YJ	K4SAF	K0DEW	JA7BME	DL4FAP
K6UT	K8LBT	K1PX	JA8RRF	DL7UPN
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KN4JX	KE2R	K5ZQ	JF2VAX	EI9E
LU2DKT	KZ1W	K8JJC	JO4CFV	F6AJA
LZ3YY	N2RR	KD9HL	K1DJ	F8GB
N4MEC	N3DAP	KK8X	K2XF	G3BRD
N6RFM	N4RF	KK9H	K5AV	HB9CIP
N9SF	N6EE	KQ3F	K6DJ	HK3O
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PA0ZH	OE1CP	N2SQW	K9RO	JA2FGL
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K9EA	EA7SG	W4AVY	S59DJK	JH7BKN
KA2BZS	EU6MM	W4MZ	SM6WET	JI3KDH
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
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N6PF	JA2OLJ	DK3QM	VE2FYR	K6XJ
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SM5CCE	K9XJ	I8LWL	WS4Y	KS4XQ
SM7CQY	KE1IU	IT9SFT	WW5G	LA2GV
SO5AS	KJ4R	IZ4MJP	YO2CMI	LZ1XZ
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US5CAO	KM9E	JA8OW		N2AJ
UT4EK	LX1DA	K0YN	101	N5AQ
UT7EC	N0RU	K1PTF	AA2VG	N8AG
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WA9ETW	SM3CBR	LA3ANA	EU1TT	RA4P
YC0LOW	SM6EHY	LA6UL	G3ZFC	RA4SD
YO5ODE	SM7BHH	N5RZ	G4FJK	RB7GG
	UA3PFN	NZ3M	GM3WTA	RK9F
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AI3Q	VA2ZO	OK1JDX	IV3KCB	SM7NDX
DJ1MM	VA3IC	OK3CSQ	JA1VVX	SP7JLH

SV1PL	IK0HFO	NB3R	WU2M
UA0FDX	IK4MSV	NG7A	YB1TJ
UG6GAW	IS0/YO3RA	NJ3I	YL2SM
UR7CQ	IW0BYL	NN4SS	YO9FLD
UT1CC	IW0HQE	OE5JDL	ZP9MCE
UT4IS	JA1BRK	OK1DXD	ZS2DL
UT7HA	JA1CPU	OK2PAZ	
VE2OJ	JA1ILA	ON4ANN	
VE3XB	JA4FSH	ON7EH	
VK2GR	JA5DQH	ON7GB	
W1FC	JA9CGW	ON9CC	
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WR2G	K8CR	SV1VJ	
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AB4VV	KQ5M	VE1RGB	
AC4VM	LA8W	VE3OAT	
AI2S	LU5OM	VE7JKZ	
DJ6OI	LU5YF	VP2VA	
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DL9GTB	N0ATQ	W0MU	
DU7ET	N1KI	W1AN	
EA1CP	N1MD	W1YRC	
EA2AAZ	N2SG	W2CCC	
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EA8AXT	N3AF	W4HHN	
EC5A	N4CRI	W4OEP	
EI3ISB	N4ZR	W4OV	
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FM5GU	N7TK	W7DT	
G0VXE	N8IL	W7JET	
G3OIL	N8NB	W8CNL	
G4CGG	N8OQ	W8FN	
GM3ZSP	N9ADG	W8GDQ	
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