

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 15 Oct 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	OH3SR W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR	309 I4EWH	
340 K1ZM			308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE
339 W4DR W4ZV		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR		301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK
335 OH2BU	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
334 N4WW	322 UX0UN W3UR			300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF
333 R7LV	321 WB9Z	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	
332 UR0MC	320 K8MFO SM4HCM W8UVZ	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T UA6A	299 K4TEA N1BUG SV1FJA UX1UA W7UT
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		
330 AA1K HA0DU OH1XX R4GM	318 4X4DK W9ZR		304 DJ0MDR GM0GAV SM3GSK	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX
329 K3UL UA4HBW	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
328 UA4CC	316 K5RK N1DG			

SM5CEU	UT1UY	SM6DHF	G3LZQ	KD5M
297	289	282	N8RR	SP9JZU
DK5PR	JA3ONB	DL1YD	N9IW	W1ZC
N4CC	K0KX	I0WDX	OH3BU	268
OM2XW	K4WM	K8KS	OK1AWZ	DL5DSM
W0FLS	N8DX	K9CT	VE2TZT	G3WPH
296	RX4HZ	N2LT	275	K8PT
DF3GY	US4EX	NJ6P	9A1CCY	RA3XDX
F5NTV	288	SM6CTQ	F5NBU	W1MK
G4PWA	CT1APE	UY5ZZ	I2AOX	267
ON5NT	HB9BGV	W0BV	IK4CIE	LU8DPM
RY9C	PA3GCV	W2YC	K2UO	RZ3DX
SV8CS	SL0ZG	281	K4IQJ	266
W1JZ	SP7VC	DF2PY	SP6AEG	G4OBK
295	UA4LY	HB9BIN	UW2ZM	K1QX
K3UA	US5WE	JA2PJC	274	NR1R
294	W0JX	K1CP	G3TXF	R3LA
DL1AMQ	WK3N	S59Z	JA8ISU	W8TE
JH2FXK	287	W4TO	K1ZZ	W8XD
LA5HE	DL1RWN	280	KF2O	265
N0TB	G3XTT	EA6NB	W6UB	AA4V*
RJ3AA	N2QT	RV3LO	273	AA6YQ
WD5COV	RK4FD	SP6HEQ	IK8HJC	AA7A
293	W4PK	YO3APJ	K2CL	EA5BM
JH4UYB	286	279	K5BG	EI7BA
S58T	DJ2YA	IK4DRY	MD0CCE	K4XP
292	IK1GPG	JR7VHZ	RA3DA	RW0LT
G4BWP	K3SX	KG4W	SM6CCO	SP5DIR
IZ0AEG	N3SL	N2TK	UA3DPM	W1GL
JR2KDN	PA0WRS	N5DG	272	YO5BRZ
OZ1BTE	UA3AB	SM6CNN	9A2EU	264
SM5AQD	UT7UW	SP5CJQ	DL1DUL	IK2YCW
SP3IBS	W8AV	UA6MF	DL2OE	K7ZV
SV1AOZ	285	278	OH1LEU	263
W3YX	G4CCZ	DK0EE	PA7MM	IZ1ANU
W5ZN	UR5WA	F6BEE	SP6CIK	K9OW
W8TOP	284	IK6DLK	271	KX4R
291	K5XI	JA3FYC	EU7A	LA5IIA
9A7V	SP3DV	K5DU	G4GED	N3NT
I5NPH	UX1AA	RU3FM	JA5AUC	W2SM
KD9SV	283	277	OZ1CTK	W3AP
R7NW	DL7VEE	AA4MM	SM5KNV	262
SM3NRY	JA5EXW	DJ9VA	270	G0DQS
SM6CMU	JH4IFF	F6AOJ	AA1V	IK5HHA
SP3E	K4SO	HB9AMO	LA3MHA	KR9U
UA3LAR	N7NR	IK5BAF	OE5KE	N5KD
UT7UJ	NA0Y	ON7TK	SV8BHN	W1YY
290	NO3M	SP9DWT	269	261
UA3AKO	R3OK	276	K6ND	9A4T
		DK5WL		

DL9YX K2EK K5KC N6SS NO8D SP1S	WA4FFW 253 5B4AGN AA1QD IV3YYK K5ESW S58Q UA1OMS W0YG	WB3AVN YO9HP 246 DJ2TI F2JD JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	UA3TT VE1YX VE3NH 240 EA6ET G8VR JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	SP8AJK WA7NB 235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
260 K1LT K4DY UT9FJ	252 EA1DR JA2VPO JF2MBF JG3QZN JQ3DUE JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV JA7QVI 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		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	238 DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP W3LL	232 EA1N FK8CP JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T UA3AP
257 K1GUN K9NW N4II N8TR W9YSX	249 AB3CV AI9L K9RX SP5DRH	242 EA4KD KG7H	237 AC4G DL7MAE IW1ARB NI0G OM4EX	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 KA9CFD N4XM N5TY* N7RT OE2LCM OK1DWJ SP5GRM	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O	230 DF6PB JA1CMD KD0Q N8JV
255 IV3ODE K4QL KY7M N2MF R5AJ UX0FF VK4MA W3KX W5OZI	247 K0IEA K6XT NN4X NO2R R7IA WA7NS			
254 I1EIS N0AT OM3DX				

SM3NXS
W4GF
W4VQ

229

CT1FJK
DJ4AX
JA8FKO
JI1BEX
OE5NNN
RO7T

228

AF9H
AI0O
E72A
K4HB
N2WK
OH2BEN
VE3DZ
WB6RSE

227

DL7HU
ES1RA
I3BUI
IK0HBN
IK6FWJ
JA1UQP
JA2NDQ
JA9CHI
K1FK
K3NW
W9BF

226

DL5WW
JA6BZI
JF2KOZ
JR6EZE
K9FD*
N6JV
ON4GG
SP3CGK
US0SY
UT5JAJ
VE6WZ
W0VTT

225

A45XR
JH7PFD
K1MM
K5AB
K9FD/KH6*
N4CH
RA3QK

RV1CC
RW3XZ
SP8NR
VA5DX
W7KW

224

MM0EAX
N0AV
N8BM*
SP5INQ
SP7GAQ
VK6VZ
W2RQ

223

AB0X
DJ8NK
HA7TM
JH2TPI
RT6T
SV2JAO
UR5FEO
ZS4TX

222

IV3JVJ
K3SV
K6EID
K8FH
K8ZTT
N5AW
N5JR
N8PR
N9BX
SM0CCM

221

JA2WYN
JJ3PRT
K4MWB
K8SIX
N6VR
W1ZK
W6JRY
WS6X

220

AG8B
DK2NG
HB9LCW
HL5IVL
JF3KON
JR4OZR
KA1R
N1LN
VE3EXY

219

IK3VUU
JA2FBY
JA2FJP
KV7K
LA7GIA
LB8DC
OE8RT
RA3WDK
SP4K
UT7UV
WA2UUK

218

AD5A
DJ4PI
DK0PM
IK1YDB
JA6LCJ
JA8CDT
K0EU
K5UO
UT4MF
W5PJR

217

DM5EE
JH1IFS
K5PC
ON6YH
UA3AGW

216

F6DAY
JA9PPC
K3JGJ
K5EJ
N4PQX
N5UL
OE1ZL
RZ0AF
W0GJ
W6XA
YO7LCB
YU3AA
YV1DIG

215

IZ8FWN
JH0INP
N7JW
RA1QD
W0UO
W2LK
W6YI

214

DL7BA
HL3IUA
IZ8VYU
JA2JW
K4NA
LA4GHA
LA7JO
OK1DX
RN7G
W4NL

213

DF2IS
EI3IO
HA1RW
JA2IVK
JF6DSZ
K1ST
NA2M*
RU4SO
W0LYI
W1FJ
W2WG
W3YY
WS9V

212

AA9A
DL9GFB
K4MQG
K8ZH
KE9I
KG6I
N1ZZ
N4MM
NX0I
OZ1AXG
SM5CZQ
W1ECT
WB9CIF

211

EA1RT
IK4DRR
JA4DEN
K3WA
RU3SD
WA5VGI
WP4U

210

I8SAT
JA7MSQ
JJ2LPV
UW7LL
W7JW

209

DL5CF
DL9MRF
EU1KY
HB9CXZ
HB9DDZ
JA0UUA
KG9N
N9LB
VE1DX
VE3LYC
W0ZR
W7KNT
W9OO

208

G3NSM
I4LCK
JA9FPI
JF4VZT
K2FU
K5RT
LA7HJA
N5ORT
RU3ZX
UN5J
UY1HY
W6PJ
W9EWZ

207

K1DT
K1LPS
K3JT
K8EUR
N9AU*
PY2BW
PY2XB
W0LS

206

IK0IOL
JA3PIS
K2VV
K3LR
K5AQ
K5MC
K8AC
N8DJX
SM6BZV
US0KW
VE3BW

205

F6EXV
I4KDJ
JA3AAW

KA9FOX
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
IK0FVC
JA1GTF
JH2RMU
K1GE
K1GG
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W1NT
W3GG

199

DK2LO
G0BNR
HB9DDO
JA2DPC
K6G XO
KB8VAO
N4DW
W1TO
YO2DFA

198

DL1ROJ
G3UJE
G4BUE
I5KKW
IT9JNR
JA4PXC
RX3APM
W8HB

197

G3SNN
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
K0BBC
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA1DUH
JA1MCU
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
SP3FAR
W7AWA

186

9A8A
IK2QPR
K0BJ
K7LAY
YL2TW

185

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

184

HA5WA
JA2ZL
JF1NZW
K4HGX
K5KLA
KB4ET

N9RC S57AC US8UA UT2UB W2YJ	K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	K4DLI K5GKC LA5LJA N7IR N7XR PE1L SP1MGM TF3SG VE3FF W8HC WX0V	VE6WQ W3JX W4FQT WA9PIE WC4X	N4QQ N8BJQ PA7F SP5GH SV2AEL 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	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR JA6VQA K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N
182 DJ9ON DK3UA HK3W JA1SHE JA3ENN N3OC UR3EO	177 9H1SP AE5E CT1GFK IK4ADE JL1SAM K3WC K4RG K9NU SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ JG0CQK K1NTR K4XR K9YC KA1J N5FG PY5EW UN9L W3IP	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS	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 K8MN N5OK OK1DWC RL3FA SM5FUG W4BP W4GD YO7NE	172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7Yaq WB3JFS	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX
180 CT1FPQ DM2DXA DM3VL EA8JF JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP W1RM W7BEM W8TN			168 G3MXJ IK2EGL JE7JDL JF2UPM K4XD K5QY K8RYU KR4F	
179 IT9ELD IW0SAF JA9NLE JR7BDQ	175 JA1CHN JH2QMT JS3CTQ			

K5JZ	HB9DHK	K5TT	W2XI	151
KK4CB	JA1DOF	K9GA	WE1P	AA7G
N4HB	JH4ALY	OZ1HX	WS5W	CU2AP
N9FN	K1USA	RU6M	ZS6EZ	DK2OY
NY0V	K5GO	SM4EMO		EI9JF
RC9F	K8ND	W0SZ	154	F3SG
SM4CTT	LB2TB	W1OX	3V8SF	HB9SLO
SP6EQZ	N4GN	W2XL	GM3PPE	JA2VQF
W5BN	OH6RA	W3GQ	HB9BUN	JA6BEE
	VK3HJ	W4QN	JA8NFV	JH1NYM
164	YU2TW		JR3OEH	JR1XIS
GU4YOX		157	K0KVR	K2AX
HA7UW	160	AA4H	KR2Q	K2FW
HB9BZA	AD5Q	AC6DD	NX8Y	KD0PO
JA1RTX	DK1WB	DL4MM	W1NA	N2ZN
JA7ZP	DL1DA	DL6MRS	W5DNT	N5JB
JH2SON	IK0FUX	EA5BY	YS1RR	OK1ATP
K1NJ	IW2FND	G3TQZ		RD3A
N5WA	JA2EPW	JA1GHH	153	RU3A
RA3ZH	JE2DZC	JH7IAJ	AJ9C	S54A
RN3OG	JE2OVG	LY5A	DF2RG	SP7AWG
W4DKS	JF2XGF	N5MOA	DL3ZA	SV9AHZ
W4NS*	JR7MAZ	NE9Z	G3TJW	W7CT
WP4G	K3MSB	RU4UR	HL2CFY	W7RH
WW3S	K3RA	SM3PHM	IZ3ENH	WA1Z
	NR4M	SV8ZS	JF1IRW	WA2BCK
163	RU6L	W2TA	JR9OPJ	
9A2JK	UA0FZ	W5GZ	K7SP	150
DJ9HX	UX5UO	WS7L	K8VFX	EA1AF
JE2LUN	W1BR	YV2IF	LZ1PM	IV3RAV
JH4CPC	W5XC		N4TV	JA1SVP
K7NN	W9RN	156	N5TW	JA2NQG
K8TL	WX0B	AB9V	N8II	K0RS
OK2QA		IZ8IEV	R9OK	K5TR
UR4CWQ	159	JE3GRQ	SM6CLU	K7LV
VE3CFK	JA4FKX	JO7HAM	SP5CCC	K8AJS
W7AL	JH6QFJ	K0QC	UT5UY	KU4XO
	JL1RUC	K8YSE	WB8BPU	N3QE
162	K4RO	KS1J		N9CO
4O3A	OK2ZV	N3RC	152	OE8SPW
9A4W	UN7JX	N3UA	EW2A	SQ5EBM
F3AT	W3HKK	N7WS	JT1CO	SV1CNS
HB9TKS	W6BJH	OE5RLM	K9MK	UA6YW
IZ4DPV	W7SX	UA3SAQ	KQ4AV	W2/CT1GIF
JA6GIJ	WD5BJT	VA3LX	KS3F	W6DAO
JR5JAQ		W1YIF	N9OY	WW2DX
LB6KC	158	W4TV	S55ZZ	
N8MR	AA6AA		UA6IGI	149
RW3RN	DJ4PT	155	UN7LZ	DL7CX
W0HT	DL1FKA	CT1FCX	UT5AB	HB9HFN
W0TT	G4GIR	DL1RK	VE6LB	I0JBL
W1LW	IT9DSZ	DL4SZB	W1SKU	IK4FNF
W8WEJ	JA9APS	HB0CC	W1VT	JL1ARF
	JH1TWT	K2LS	W6RLL	K3TN
161	J11FXS	NE0DX	W7AJ	K4YYL
DK2GZ	J11NJC	NW7E	WB3CQM	K8ME
DL6RAI	JR1GJP	SM6VR		K8ROX

R8TX	JE6TSP	NN4R	JA4OK	W4YV
SM6CUK	JJ3HGJ	W0IZ	K5WK	W7OM
UW7UA	JK1AJX	W6QUV	K6KLY	
W0GG	K1OA	WB8CQV	KF8DX	137
W7HPW	K3VAT	WB8ZRV	N4XP	EA1YO
WB8B	K4OY	WD9DZV	OH6NIO	GM3YOR
WD5K	K8BL		ON7DR	HB9CQK
YO3DDZ	KF6HI	142	UN1L	IZ2FOS
	KR0P	I5HOR	VE6SV	JA3APU
148	N1CGP	JA2ATE	W0SEI	K2QMF
DK2CC	N4GG	JH0BQX	W4NU	K8NS
F5CQ	N6PSE	JR7WFC	W7IV	RA3CO
F5LVL	NA5C	K3PP	W8LWU	RG7G
F5PAC	RT0F	K4WZ	WO2T	UU1JA
G4FTC	SM3DTR	K6EME	YL2MU	W1ITU
JH1QDB		KK1W	YO9FNP	W5ODD
K5VWW	144	LA9VFA		WB5JID
LA6OP	CU3EQ	MM0SAJ	139	
N2WB	DL5CW	N7QT	DF7EE	136
N5XZ	DL5KUA	NA4D	DJ4XA	E72U
NE3F	E70T	NQ7R	DL5EBE	ER0FEO
W5FKX	EI6IZ	NY2NY	DL8OH	HB9IQB
W9JJB	GM3ITN	OK1DO	DS1JFY	IK8CNT
	HB9BYQ	W2OO	JA1TMG	JH4HMG
147	I5MXX	W5LUA	K3ANS	K0TV
EA3GP	IT9GSF	W5VQ	K6AM	K4ZO
IV3VBM	IV3DXW	WA5POK	K8GI	K7TM
JA1XQC	IZ4GWE		K8RF	KR6C
JN1BMX	JA3GN	141	KA8SYV	NA5DX
K7HP	JE1FQV	AC9S	KU0A	OK1DW
K8UT	K0VSH	DL5MHQ	LA8WG	SM5OJH
KM1H	KJ9C	EW1BA	OK1MP*	SP2BMX
N1IBM	LA9GX	HB9FMT	SM5CBM	UT3UZ
PC3T	N1IX	JA1PTJ	SV8ZC	UW8SM
W1OP	N3KK	JA9RRH	W0SD	W2OIB
W2KKZ	OH1JP	JH1HHC	WA8WV	WB7QXU
	SM4OLL	JH4JNG		
146	SM5CLE	J11DCW	138	135
EU4A	W4GE	JL1UXH	DK8MCT	5B4MF
JA1HQG	W5ADD	JR2LJO	DK8YY	DJ9ZB
JA4DHN	W7ZI	K2RW	EI9FBB	F6FXU
JA5XAE	W8RLS	N8OC	F6DDR	IK8GYS
JH1GNU	WC5M	NJ3K	IK8EPC	IU0HDC
K1CA	WD5T	OE6VIE	JA3OOK	JA2KVD
K5KV	YO3CD	SV3FUO	JF3LOP	JA7LMZ
K5SM		W2CG	JH7RXU	JA8BNP
K6NR	143	W3BW	K1RO	JA8JL
K7WP	DL1DUO	W4JVN	K2RET	K1ZE
N7BT	DL6EN	W4VIC	KJ6P	K4ZRJ
RU0SN	HS0ZEE	W4WT	LB5WB	K7FL
W1IZL	IT9BLB	W8GNM	ON6AA	K7XB
W1ZT	K7CMZ	W8HW	OZ8X	NZ9R
	K7CW	ZS1C	RW4CY	R7LP
145	N2RJ		UN7JID	RN3RQ
AF4HX	N2WM	140	V51B	SM3LGO
HI3T	N5UW	9A1CAL	W1GD	SM5CZK
IZ0RVI	N6PAT	HB9RYZ	W2YE	SP3XR

SV5DKL	IT9RDG	JA2FBC	OH1ZK	N8NA
W1DIG	JA6CBG	JG1DUZ	OZ1IKY	OE3SGU
W1EQ	K6YUI	J14POR	R9SG	OK3CQD
W2GD	K9ZM	K2MYR	S53X	PA5TT
W4BUW	N6HY	K3NK	S55DX	VE3CX
W4MBD	OZ2RH	K6SIK	SM3GQP	VE7BV
W4RFZ	SM4BZH	K7LFY	SV3DCX	W8LMG
W6JTI	SM6BGG	K8BCK	US8UW	W8MK
WE4S	SP6M	K9GL	VQ9LA	W8REW
	VE3CRG	KO8SCA	W2WC	W9ILY
134	W4AXL	NA4EA	W4IS	WB0O
CT3HF	W4RBO	NO9E	W6RKC	WB2REM
IK4DCS	W4WM	OZ2ABI	ZS6UT	WD4LBR
JA7LGE	W5SL	R3VA		YU1EXY
K1TO	W6DR	R5QA	127	
K1ZN	W7AH	R9AB	CT3KN	125
K3OX	W7CD	RU1AO	HK1MW	9A1AD
KX4TT	W9FR	S51NM	JA1DDH	AG1A
N9MR*	WB3D	TA1CM	JA1WLO	GW3TMP
N9RS	XE2S	VE3DO	JA8RJE	HK4SAN
OE1TKW		W2MPK	JA9KRO	JA4IYL
PY5HOT	131	W9ZT	JH3AIU	JA6VU
RG6G	DK7YY		JS2LHI	JE1TSD
RX4HW	G3UHU	129	K0RW	JE6UWU
SM0BYD	HS1NGR	HA1RB	K3TRM	JF2WXS
SP6JIU	IV3KFB	HB9AZZ	KM3T	JH1AGU
UA0ACG	JA0AOO	JA1NWD	N1AC	K1HAP
W4JKC	JA2TBS	JA8JO	N1GC	K5KG
YU1AM	JH4ADK	K4TT	N9RD	K8DV
	JJ1TEA	K6XM	OE8HIK	KA6BIM
133	JM1FHL	LB7ZG	PA3EWP	KI4WCQ
9K2NO	K1UU	N0YY	SK7AX	LZ1XL
EU1U	K5VIP	N2BJ	SP6A	N2KA
IK5DNF	K9DR	N3KS	SP7ASZ	N3EN
IZ8DFO	KC2LSD	N3RR	W0CP	N4JT
JA7GLB	KH2L	W0YVA	W0RT	ND5S
JA9AGN	KM3V	W7QHE	W1OPD	NW6S
JR6FC	KM4H	W8MET	W3BG	OE1AZS
JR7FRW	N3MK		W3FOX	RA0BA
K2CDJ	N4QWZ	128	W3MF	UU7JM
KS4YT	N5PHT	AA4SC	XE1KK	VE3UTT
KU2A	N6RK	DM2RM		W5DAW
OE1KM	ON4ON	IK2SGB	126	W9CG*
ON4CAS	PY5EG	IT9ZZO	AC9EM	WV4TN
RA5BM	R0SR	JA2AHH	DJ8WD	YO2RR
RV4LC	R9MJ	JA2KSP	DL9FCY	
UQ2PZ	R9SA	JA9AA	F8BPN	124
VE3WT	W8DCH	JE1LFX	G4IUF	AA7XT
W0NFL	ZS1A	JH4GJR	IZ7EVZ	AB1OC
W2QO		K0FF	JA1XCZ	J11DHY
W5AJ	130	K3XA	JA7KY	KD4POJ
	DF9ZW	K4JAF	JH3CUL	NA2U
132	E73M	K4SE	JJ1DWT	PA0TCA
AA4NC	EI2JD	K6LPO	JN1RQV	UA0BA
AB9M	G7VJR	KG7CW	K2ZD	VA7CRZ
AD6W	HK0HEU	KM4NS	K4JKB	VE1DUN
IK3VBB	IK3XJP	N5KM	K4XU	W2JU

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W6CYX	UU4JMG	K6FW	W8FIB	N4IR
WB8K	VE6AX	KA8ZPE	WC2K	N8AA
123	VK4CAG	N4BAF	XE1RCS	N8XI
AC4TO	W2TB	N4LR	118	NY4G
DL7JRD	WA3I	N4TB	5T5PA	OZ5HP
F4GTB	WA7BNG	N4UFP	AB2E	SM7BIC
G4Wfq	121	N8PW	DL5OCE	SP8HKT
G5LP	AA6RR	OE3EVA	JA4FHE	UA6J
HB0WR	AA8CH	OZ2A	J18DGO	UB3A
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JA1SJV	DK6CQ	SP7ITB	K4CNW	W4ZRZ
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JA6WJL	HB9DHG	UR5IKN	K7PI	W8ZR
J14WAO	IT9AAI	US0YA	K8LN	WA2USA
JK1EXO	JA2HYD	W0RX	K8WVA	116
JR1EBE	KD8RQE	W2YR	K9GWH	AJ4F
K2PK	KG9Z	W3OA	KD2T	DL7URH
K3XO	N0OK	W4PRO	KD6UO	EA5BRE
K4ZIN	N1JP	W6RFL	KG8CW	HA7PF
K5GH	N3ND	W7RN	KV4AA	IK0EIE
K7UT	N4TL	WP3R	LZ2HM	IK2OHG
K9CS	N6HC	ZL4AS	N2MM	IT9TQH
KV4T	SV1AHX	119	N4DJ	IV3HYD
N2ED	SV1FKZ	AA3AZ	N6MB	JA1WTI
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N6MZ	UT4EO	AE3T	RN3TT	JH3GCN
N9JV	UU2JQ	AJ4A	SV9COL	K1DC
N9LQ	VA3AYA	DK3GG	TA2RC	K1RI
NA2P	W0QQ	DL9OBY	W1KSZ	K9FN
NA9RB	W2GG	EW4M	W4DAO	KT1V
S50B	W3RJW	G4DJJ	W4NJ	KV1J
UA3DK	W6XI	HB9AAQ	W5JMW	NA9Q
UR9QQ	W9XX	HB9BCI	W9FI	OZ1LCG
UT3QU	W9YE	I2TZK	WX3P	PA0JSE
W1AO	WA1PMA	I4MKN	YO4AUL	RV3ID
W4NF	WT4Q	IU0LFQ	117	TZ4AM
W8NJR	WY1G	JA3AZD	9Y4VU	UA4PCM
XE1H	XE1VIC	JA4XGC	AE0P	W1ENE
122	120	JE2JMV	BH4IGO	W1WEF
BA4RF	9A5F	JH6CDI	DL1DWT	W7GG
G3NDC	AA5JF	K3FRK	G3PLP	W7OEV
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K1BZ	DL2VWR	K7EG	JA1HQT	WQ5L
K1ESE	FG5FR	K8KWT	JA4FM	115
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K2MP	IZ0LKV	N0KV	JA7GYP	CU2CE
K7ZA	IZ5NFD	N9UA	JA7IC	DL9GOA
LA7WCA	JA4EPE	NT2A	JM3GXU	G4XEE
LA8PT	JR3UIC	NY7T	JR2UBS	G8BCG
N3NR	JR6LLN	OH5NG	K2BB	G8DX
N9AW	K2BA	OK1DT	K3NF	HA5UK
NN7X	K2HK	R6FFB	K6PJ	HK3PJ
		SV1ACK		

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JA3NHL	W0VX		AF4OX	IK8UHA
JG3LGD	W3MR	112	CU3AN	IZ0CKJ
JH1RFM	W4TUN	A92IO	DG7RO	J68HZ
K0GD	WA1FCN	DJ1RL	DK2WH	JA7EPO
K0SD	WA4CEM	DK5RL	DK6ED	JE2UFF
K4CMS	WA8MCD	DL5CL	DL1HRN	JH1VHU
K4GHS	WA9YYY	EA1JO	EV1R	K2BLA
K4GK	WN9O	EI8IU	F6ECI	K3JRR
K8YTO	XE3ARV	EW1DO	G4DBN	K3PH
KZ5DX		G3XGC	HL3GOB	K4WW
LY4T	113	HB9CEX	JA1AUD	K6MI
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RZ6MJ	HB9EFK	JA4BXL	K7ORK	N3JB
UA1ANA	JA0GCI	JA7BXS	K9AJ	N4KE
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UA6XT	JH1ORA	K0JPL	KP4AA	NK7C
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W5VY	KA4RRU	K1KO	N4WJ	SM5BHW
YL2CZ	KH6DX	K4UAS	N7BD	SV1VS
	KI0G	K8CC	N9HF	UA3O
114	KT1J	KB2FCV	NA1DX	US7MM
AB4GE	N6PE	KI4DLS	UR6QA	W0UY
BA4DW	N7KO	KM1C	VE6KC	W3XY
BA7IO	N9ISN	LA8HGA	VE7CT	W4DC
CT3FN	NA3F	N5ZC	VE7UF	W4NE
CU3AK	NG0G	N6MA	W0VHF	W5ZPA
DL6NB	NI5F	RU4SU	W1FO	W6KK
F6CWA	NK5B	SM3DMP	W4HOG	WL7E
G3SDL	NZ3M	SP9WZS	W4OX	XE1FAS
HP3TA	ON5UE	UA1ACG	W5AQ	YU7AU
I5OYY	R7NA	UA1CEI	W7VS	ZL3NW
IK7YZG	RA4UN	UT6UD	W8KA	
JA1OVD	RZ3AUL	VE7XF	W8MIL	109
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K5RJ	W9DX	W9SE	BA4MY	K4RDU
KB8U	W9HBH	WA8OLN	DL1VDL	K5FZ
KZ4V	W9VNE	WT9U	EA5BYP	K5KA
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N2JJ	WB2HJV		G3LNS	K6MW
N3MN	WB2UFF		G8AJM	KE1F

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N8NN	UZ6LWZ	SP6AXW	OH2OT	N4NW
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
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RX3AGD	WC1M	W8VK	VQ9SS	OZ4AAL
TG9NX	WC6DX	W9CPV	W1CWU	PF7M
UB5ZAL	WD9EQU	WA0RVK	W2EQ	PJ2/K8ND
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VU2CPL		WB8ART	W2NO	R6YY
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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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JJ2PIK	JA8JTH	JA2MNB	DO1CTL	104
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K6UT	K8LBT	K1PX	JA8RRF	DL7UPN
K8OM	K8ZR	K4DSE	JA9APM	E73D
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KN4JX	KE2R	K5ZQ	JF2VAX	EI9E
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LZ3YY	N2RR	KD9HL	K1DJ	F8GB
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N9SF	N6EE	KQ3F	K6DJ	HK3O
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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
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LZ2XF	G4PUQ	YO7APA	UA1CKC	K2TER
N3ER	G4VGO		UA6HOF	K3SEW
N3TR	I0OSI	102	UA9MR	K4NNX
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N4TTE	JA2GQO	CT4BD	UW7CN	K6AAW
N6PF	JA2OLJ	DK3QM	VE2FYR	K6XJ
N6WM	JA3FHL	DL3DXX	W0JMP	K7AR
N8MZ	JA8EJO	DL3NCR	W1AW	K7IA
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UY0MM	N9BBQ	K2LP	AA4NU	NE1F
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WA9ETW	SM3CBR	KY6R	EU1TT	RA4P
YC0LOW	SM6EHY	LA3ANA	G3ZFC	RA4SD
YO5ODE	SM7BHH	LA6UL	G4FJK	RB7GG
	UA3PFN	N5RZ	GM3WTA	RK9F

RY6M	G3OIL	N8IL	W7JET
SM2DMU	G4CGG	N8NB	W8CNL
SM7NDX	GM3ZSP	N8OQ	W8FN
SP7JLH	I2VGW	N9ADG	W8GDQ
SV1PL	IK0HFO	NA6O	WB4SON
UA0FDX	IK4MSV	NB3R	WU2M
UG6GAW	IS0/YO3RA	NG7A	YB1TJ
UR7CQ	IT9CVO	NJ3I	YL2SM
UT1CC	IW0BYL	NN4SS	YO9FLD
UT4IS	JA1BRK	OE5JDL	ZP9MCE
UT7HA	JA1CPU	OK1DXD	ZS2DL
VE2OJ	JA1ILA	OK2PAZ	
VE3XB	JA4FSH	ON4ANN	
VK2GR	JA5DQH	ON7EH	
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W1GF	JF3DRI	ON9CC	
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WC4H	K7VIC	S53MJ	
WK9U	K8BZ	S59SV	
WR2G	K8CR	SM0CXU	
WV9L	K8CS	SV1VJ	
YO2OXD	K8LE	SV2DSJ	
YO6BHN	K9NZ	TI5CDA	
YV4DYJ	KA9UVY	UA3AKI	
	KB0EL	UA4PAY	
100	KC0V	UA6CEY	
9M6YBG	KC4D	UN6P	
A41ZZ	KC5LT	UR4CW	
AA4AK	KD8BZY	UR4LRG	
AB4VV	KP4N	UR8IDX	
AC4VM	KQ5M	VE1RGB	
AI2S	LA8W	VE3OAT	
DJ6OI	LU5OM	VE7JKZ	
DK8MM	LU5YF	VP2VA	
DL1TPY	MM0SJH	VR2PX	
DL1TRK	N0AH	W0GYH	
DL9GTB	N0ATQ	W0MU	
DU7ET	N1KI	W1AN	
EA2AAZ	N1MD	W1YRC	
EA3ALD	N2SG	W2CCC	
EA8AXT	N2XQM	W3BBO	
EC5A	N3AF	W4HHN	
EI3ISB	N4CRI	W4OEP	
ES5NC	N4ZR	W4OV	
FM5GU	N7DED	W5BK	
G0VXE	N7TK	W7DT	