

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 27 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		304 DJ0MDR GM0GAV SM3GSK	
331 K5UR LZ2DF UT7QF	318 4X4DK W9ZR	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	
330 AA1K HA0DU OH1XX R4GM				
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 UT1UY	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	253	246	240	235
NO8D	5B4AGN	DJ2TI	EA6ET	CX6VM
SP1S	AA1QD	F2JD	G8VR	EA6VQ
260	IV3YYK	JF8QNF	JA5MHD	JA0FSB
EA5BM	K5ESW	N6TR	JR3GWZ	JH4ADV
K1LT	S58Q	TF4M	K0JUH	K3SWZ
K4DY	UA1OMS	UR5EDX	K0KT	N6DX
UT9FJ	W0YG	W2TQC	K1FZ	R7DX
	252	W5XZ	K1ZG	VE3XN
259	EA1DR	245	K9OT	WA7NB
DF4PL	JA2VPO	DL4CF	KA9CFD	WA7NS
F6GCP	JF2MBF	JA1GV	LA2XPA	
G3ZSS	JG3QZN	JA7QVI	UR5MID	234
I1FQH	JQ3DUE	K2FF	VO1NA	IZ8FFA
R9FM	JR3IIR	N9US		K1AR
258	ON4AOI	RL9F	239	K4UTE
KW9A	PA4VHF	RY7G	AJ6T	KF0QR
N2NL	R5DT	W9XY	K1DG	PY1BVY
RN3CT	S52F		K1HTV	S51DI
VE3QAA	W3UM	244	KH6AT	
	251	AG9S	LY3UM	233
257	DJ7RD	DK6WL	NV9L	DJ5FI
K1GUN	DL9RT	F6BLP	RN3QN	K0CS
K9NW	JH0BBE	IK0XBX	RU3QR	K2UU
N4II	PY2RO	JA1HGY	SV1ELF	KA7T
N8TR	W5UN	ON4IQ	SV1RK	SK3PY
W9YSX	W7LR		UW5ZM	UA4HAU
256	250	243	238	VA2WA
9A5CY	HB9RG	DK2JX	DL8WN	W1TC
JA5BZL	NQ1K	DK3DG	IK0XEZ	W7AO
JH1GZE	OZ8BZ	IK0MHR	IZ1LBG	
K5VRX		ON4ATW	JA0DAI	232
K8FL	249	S57A	OK1CF	EA1N
SV8GFW	AB3CV	SV8CKM	RA0FF	FK8CP
W1TSP	AI9L	W9RPM	VO1HP	JA8EAT
W3DF	K9RX	WX4G	W3LL	JG1ULJ
	SP5DRH	242		JH1HGC
255	248	EA4KD	237	K2AZ
IV3ODE	K3WW	KG7H	AC4G	K4XL
K4QL	K5RX	241	DL7MAE	NI6T
KY7M	SM3VAC	JA0CRI	IW1ARB	UA3AP
N2MF	T77C	JA1SYY	NI0G	
R5AJ	W9NGA	JA3EMU	OM4EX	231
UX0FF		K5ZK		4X4NJ
VK4MA	247	N4XM	236	HA9RE
W3KX	K0IEA	N5TY*	AB4I	IK0YUT
W5OZI	K6XT	N7RT	K1JO	N6AR
	NN4X	OE2LCM	K5EK	N7NG
254	NO2R	OK1DWJ	K9NR	ON4ACG
I1EIS	R7IA	SP5GRM	K9ZO	W9IXX
N0AT	WB3AVN	UA3TT	KC7V	
OM3DX	YO9HP	VE1YX	OK2ZI	230
WA4FFW		VE3NH	OZ4O	DF6PB
			SP8AJK	JA1CMD
				KD0Q
				N8JV
				SM3NXS

W4GF W4VQ	RW3XZ SP8NR VA5DX W7KW	219 IK3VUU JA2FBY JA2FJP KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA KG9N N9LB VE1DX VE3LYC W0ZR W7KNT W9OO
229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS
226 DL5WW JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	221 JA2WYN JJ3PRT K4MWB K8SIX N6VR W1ZK W6JRY WS6X	216 F6DAY JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW
225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC	220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	215 IZ8FWN JH0INP K3JGJ N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW WP4U	205 F6EXV I4KDJ JA3AAW KA9FOX

LA7HJA
W8UN
WB8ZRL

204

DJ5AV
EA5KA
F4BKV
IK7NXM
JA9NFO
K4JJW
K9US
KK4SI
LX2A
N4NX
N4QS
N7FU
SM2OAN
UA0SR
US6EX
W2HUV
WD8PKF
WF4U
W18A

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
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
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA1DUH
JA1MCU
K0BBC
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
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 WS5W ZS6EZ	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
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	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y W1NA W5DNT YS1RR	153 AJ9C DF2RG DL3ZA G3TJW HL2CFY IZ3ENH JF1IRW JR9OPJ K7SP K8VFF LZ1PM N4TV N5TW N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU
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		150 EA1AF IV3RAV JA1SVP JA2NQG K0RS K5TR K7LV K8AJS KU4XO N3QE N9CO OE8SPW SQ5EBM SV1CNS UA6YW W2/CT1GIF W6DAO WW2DX
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	152 EW2A JT1CO K9MK KQ4AV KS3F N9OY S55ZZ UA6IGI UN7LZ UT5AB VE6LB W1SKU W1VT W6RLL W7AJ WB3CQM	149 DL7CX HB9HFN I0JBL IK4FNF JL1ARF K3TN K4YYL K8ME K8ROX
161 DK2GZ DL6RAI HB9DHK				

R8TX	JJ3HGJ	NN4R	K5WK	W4YV
SM6CUK	JK1AJX	W0IZ	K6KLY	W7OM
UW7UA	JN1BMX	W6QUV	KF8DX	
W0GG	K1OA	WB8CQV	N4XP	137
W7HPW	K3VAT	WB8ZRV	OH6NIO	EA1YO
WB8B	K4OY	WD9DZV	ON7DR	GM3YOR
WD5K	K8BL		UN1L	HB9CQK
YO3DDZ	KF6HI	142	VE6SV	IZ2FOS
	KR0P	I5HOR	W0SEI	JA3APU
148	N1CGP	JA2ATE	W4NU	JH4JNG
DK2CC	N4GG	JH0BQX	W7IV	K2QMF
F5CQ	NA5C	JR7WFC	W8LWU	K8NS
F5LVL	RT0F	K3PP	WO2T	RA3CO
F5PAC	SM3DTR	K4WZ	YL2MU	RG7G
G4FTC		K6EME	YO9FNP	UU1JA
JH1QDB	144	KK1W		W1ITU
K5VWW	CU3EQ	LA9VFA	139	W5ODD
LA6OP	DL5CW	MM0SAJ	DF7EE	WB5JID
N2WB	DL5KUA	N2ZN	DJ4XA	
N5XZ	E70T	N7QT	DL5EBE	136
NE3F	EI6IZ	NA4D	DL8OH	E72U
W5FKX	GM3ITN	NQ7R	DS1JFY	ER0FEO
W9JJB	HB9BYQ	NY2NY	JA1TMG	HB9IQB
	I5MXX	OK1DO	K3ANS	IK8CNT
147	IT9GSF	W2OO	K6AM	JH4HMG
EA3GP	IV3DXW	W5LUA	K8GI	K0TV
IV3VBM	IZ4GWE	W5VQ	K8RF	K4ZO
JA1XQC	JA3GN	WA5POK	KA8SYV	K7TM
K7HP	JE1FQV		KU0A	KR6C
K8UT	K0VSH	141	LA8WG	NA5DX
KM1H	KJ9C	AC9S	OK1MP*	OK1DW
N1IBM	LA9GX	DL5MHQ	SM5CBM	SM5OJH
PC3T	N1IX	EW1BA	SV8ZC	SP2BMX
W1OP	N3KK	HB9FMT	W0SD	UT3UZ
W2KKZ	OH1JP	JA1PTJ	WA8WV	UW8SM
	SM4OLL	JA9RRH		W2OIB
146	SM5CLE	JH1HHC	138	WB7QXU
EU4A	W4GE	J11DCW	DK8MCT	
JA1HQG	W5ADD	JL1UXH	DK8YY	135
JA4DHN	W7ZI	JR2LJO	EI9FBB	5B4MF
JA5XAE	W8RLS	K2RW	F6DDR	DJ9ZB
JH1GNU	WC5M	N8OC	HB9RYZ	F6FXU
K1CA	WD5T	NJ3K	IK8EPC	IK8GYS
K5KV	YO3CD	OE6VIE	JA3OOK	IU0HDC
K5SM		SV3FUO	JF3LOP	JA2KVD
K6NR	143	W2CG	JH7RXU	JA7LMZ
K7WP	DL1DUO	W3BW	K1RO	JA8BNP
N7BT	DL6EN	W4JVN	K2RET	JA8JL
RU0SN	HS0ZEE	W4VIC	KJ6P	K1ZE
W1IZL	IT9BLB	W4WT	LB5WB	K4ZRJ
W1ZT	K7CMZ	W8GNM	ON6AA	K7FL
	K7CW	W8HW	OZ8X	K7XB
145	N2RJ	ZS1C	RW4CY	NZ9R
AF4HX	N2WM		UN7JID	R7LP
HI3T	N5UW	140	V51B	RN3RQ
IZ0RVI	N6PAT	9A1CAL	W1GD	SM3LGO
JE6TSP	N6PSE	JA4OK	W2YE	SM5CZK

SP3XR	IT9RDG	JA2FBC	OZ1IKY	N8NA
SV5DKL	JA6CBG	JG1DUZ	R9SG	OE3SGU
W1DIG	K6YUI	J14POR	S53X	OK3CQD
W1EQ	K9ZM	K2MYR	S55DX	PA5TT
W2GD	N6HY	K3NK	SM3GQP	VE3CX
W4BUW	OZ2RH	K6SIK	SV3DCX	VE7BV
W4MBD	SM4BZH	K7LFY	US8UW	W8LMG
W4RFZ	SM6BGG	K8BCK	VQ9LA	W8MK
W6JTI	SP6M	K9GL	W2WC	W8REW
WE4S	VE3CRG	KO8SCA	W4IS	W9ILY
	W4AXL	NA4EA	W6RKC	WB0O
134	W4RBO	NO9E	ZS6UT	WB2REM
CT3HF	W4WM	OZ2ABI		WD4LBR
IK4DCS	W5SL	R3VA	127	YU1EXY
JA7LGE	W6DR	R5QA	CT3KN	
K1TO	W7AH	R9AB	HK1MW	125
K1ZN	W7CD	RU1AO	IK2SGB	9A1AD
K3OX	W9FR	S51NM	JA1DDH	AG1A
KX4TT	WB3D	TA1CM	JA1WLO	GW3TMP
N9MR*	XE2S	VE3DO	JA8RJE	HK4SAN
N9RS		W2MPK	JA9KRO	IK5DNF
OE1TKW	131	W9ZT	JH3AIU	JA4IYL
PY5HOT	DK7YY		JS2LHI	JA6VU
RG6G	G3UHU	129	K0RW	JE1TSD
RX4HW	HS1NGR	HA1RB	K3TRM	JE6UWU
SM0BYD	IV3KFB	HB9AZZ	KM3T	JF2WXS
SP6JIU	JA0AOO	JA1NWD	N1AC	JH1AGU
UA0ACG	JA2TBS	JA8JO	N1GC	K1HAP
W4JKC	JH4ADK	K4TT	N9RD	K5KG
YU1AM	JJ1TEA	K6XM	OE8HIK	K8DV
	JM1FHL	LB7ZG	PA3EWP	KA6BIM
133	K1UU	N0YY	SK7AX	KI4WCQ
9K2NO	K5VIP	N2BJ	SP6A	LZ1XL
EU1U	K9DR	N3KS	SP7ASZ	N2KA
IZ8DFO	KC2LSD	N3RR	W0CP	N3EN
JA7GLB	KH2L	W0YVA	W0RT	N4JT
JA9AGN	KM3V	W7QHE	W1OPD	ND5S
JR6FC	KM4H	W8MET	W3BG	NW6S
JR7FRW	N3MK		W3FOX	OE1AZS
K2CDJ	N4QWZ	128	W3MF	RA0BA
KS4YT	N5PHT	AA4SC	XE1KK	UU7JM
KU2A	N6RK	DM2RM		VE3UTT
OE1KM	ON4ON	IT9ZZO	126	W5DAW
ON4CAS	PY5EG	JA2AHH	AC9EM	W9CG*
RA5BM	R0SR	JA2KSP	DJ8WD	WV4TN
RV4LC	R9MJ	JA9AA	DL9FCY	YO2RR
UQ2PZ	R9SA	JE1LFX	F8BPN	
VE3WT	W8DCH	JH4GJR	G4IUF	124
W0NFL	ZS1A	K0FF	IZ7EVZ	AA7XT
W2QO		K3XA	JA1XCZ	AB1OC
W5AJ	130	K4JAF	JA7KY	J11DHY
	DF9ZW	K4SE	JH3CUL	KD4POJ
132	E73M	K6LPO	JJ1DWT	NA2U
AA4NC	EI2JD	KG7CW	JN1RQV	PA0TCA
AB9M	G7VJR	KM4NS	K2ZD	UA0BA
AD6W	HK0HEU	N5KM	K4JKB	VA7CRZ
IK3VBB	IK3XJP	OH1ZK	K4XU	VE1DUN

W2JU	NN7X	K2HK	VE3YF	K8OOK
W2RIJ	OZ3Y	K3QIA	W4HZ	K8QM
W3FM	RD4A	K5JC	W8FIB	N4IR
W6CYX	UU4JMG	K6FW	WC2K	N8AA
WB8K	VE6AX	KA8ZPE	WP3R	N8XI
	VK4CAG	N4BAF	XE1RCS	NY4G
123	W2TB	N4LR		OZ5HP
AC4TO	WA3I	N4TB	118	SM7BIC
DL7JRD	WA7BNG	N4UFP	5T5PA	SP8HKT
F4GTB		N8PW	AB2E	UA6J
G4WFQ	121	OE3EVA	DL5OCE	UB3A
G5LP	AA6RR	OZ2A	JA4FHE	UR9IDX
HB0WR	AA8CH	PZ5RA	J18DGO	US1CT
IK2CHZ	DF1DB	RL3BZ	JN7DOS	W4ZRZ
JA0CRG	DK1EI	SP7ITB	K3WGR	W6SL
JA1SJV	DK6CQ	SV1IW	K4CNW	W8ZR
JA3MHA	EI2GLB	UR5IKN	K5XM	WA2USA
JA6WJL	HB9DHG	US0YA	K7PI	
J14WAO	IT9AAI	W0RX	K8LN	116
JK1EXO	JA2HYD	W2YR	K8WVA	AJ4F
JR1EBE	KD8RQE	W3OA	KD2T	DL7URH
K2PK	KG9Z	W4PRO	KD6UO	EA5BRE
K3XO	N0OK	W6RFL	KG8CW	HA7PF
K4ZIN	N1JP	W7RN	KV4AA	IK0EIE
K5GH	N3ND	ZL4AS	LZ2HM	IK2OHG
K7UT	N4TL		N2MM	IT9TQH
K9CS	N6HC	119	N4DJ	IV3HYD
KV4T	SV1AHX	AA3AZ	N6MB	JA1WTI
N2ED	SV1FKZ	AA4DD	PY2PA	JE2EHP
N4DWK	UQ1GWW	AE3T	RN3TT	JH3GCN
N6MZ	UT4EO	AJ4A	SV9COL	K1DC
N9JV	UU2JQ	DK3GG	TA2RC	K1RI
N9LQ	VA3AYA	DL9OBY	W1KSZ	K9FN
NA2P	W0QQ	EW4M	W4DAO	KT1V
NA9RB	W2GG	G4DJJ	W4NJ	KV1J
S50B	W3RJW	HB9AAQ	W5JMW	NA9Q
UA3DK	W6XI	HB9BCI	W9FI	OZ1LCG
UR9QQ	W9XX	I2TZK	WX3P	PA0JSE
UT3QU	W9YE	I4MKN	YO4AUL	RV3ID
W1AO	WA1PMA	IU0LFQ		TZ4AM
W4NF	WT4Q	JA3AZD	117	UA4PCM
W8NJR	WY1G	JA4XGC	9Y4VU	W1ENE
XE1H	XE1VIC	JE2JMV	AE0P	W1WEF
		JH6CDI	BH4IGO	W7GG
122	120	K3FRK	DL1DWT	W7OEV
BA4RF	9A5F	K5UZ	G3PLP	W8LRO
G3NDC	AA5JF	K7EG	IT9DAA	WQ5L
JA1MRM	AL7TC	K8KWT	JA1HQT	
K1BZ	DL2VWR	K9SG	JA4FM	115
K1ESE	FG5FR	N0KV	JA5FDJ	C6AGU
K1YT	HB9BLQ	N9UA	JA7GYP	CU2CE
K2MP	IZ0LKV	NT2A	JA7IC	DL9GOA
K7ZA	IZ5NFD	NY7T	JM3GXU	G4XEE
LA7WCA	JA4EPE	OH5NG	JR2UBS	G8BCG
LA8PT	JR3UIC	OK1DT	K2BB	G8DX
N3NR	JR6LLN	R6FFB	K3NF	HA5UK
N9AW	K2BA	SV1ACK	K6PJ	HK3PJ

IW0HEX	NU8Z	XE1RBV	AF4OX	IK8UHA
IZ7JVR	UA3FT	ZL1BYZ	CU3AN	IZ0CKJ
JA2KNW	W0VX		DG7RO	J68HZ
JA3NHL	W3MR	112	DK2WH	JA7EPO
JG3LGD	W4TUN	A92IO	DK6ED	JE2UFF
JH1RFM	WA1FCN	DJ1RL	DL1HRN	JH1VHU
K0GD	WA4CEM	DK5RL	EV1R	K2BLA
K0SD	WA8MCD	DL5CL	F6ECI	K3JRR
K4CMS	WA9YYY	EA1JO	G4DBN	K3PH
K4GHS	WN9O	EI8IU	HL3GOB	K4WW
K4GK	XE3ARV	EW1DO	JA1AUD	K6MI
K8YTO		G3XGC	JA1FGB	K6VKO
LY4T	113	HB9CEX	JA1NCZ	KB4MRX
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OH8LXT	DL8DYL	IZ4DIW	K7ORK	N3JB
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RZ6MJ	HB9EFK	JA4BXL	KM1R	NC6K
UA1ANA	JA0GCI	JA7BXS	KP4AA	NK7C
UA1CGS	JA4ITW	JR7TEQ	KZ0X	NY4I
UA6XT	JH1ORA	K0JPL	LA0CX	RD9M
UN6T	K0TPP	K1EDG	N4WJ	SM5BHW
W4UCK	K8SL	K1EO	N7BD	SP9WZS
W5VY	K9GWH	K1KO	N9HF	SV1VS
YL2CZ	KA4RRU	K4UAS	NA1DX	UA3O
	KH6DX	K8CC	UR6QA	US7MM
114	KI0G	KB2FCV	VE6KC	W0UY
AB4GE	KT1J	KI4DLS	VE7CT	W3XY
BA4DW	N6PE	KM1C	VE7UF	W4DC
BA7IO	N7KO	LA8HGA	W0VHF	W4NE
CT3FN	N9ISN	N5ZC	W1FO	W5ZPA
CU3AK	NA3F	N6MA	W4HOG	W6KK
DL6NB	NG0G	RU4SU	W4OX	WL7E
F6CWA	NI5F	SM3DMP	W5AQ	XE1FAS
G3SDL	NK5B	UA1ACG	W7VS	YU7AU
HP3TA	ON5UE	UA1CEI	W8KA	ZL3NW
I5OYY	R7NA	UT6UD	W8MIL	
IK7YZG	RA4UN	VE7XF	W9RB	109
JA1OVD	RZ3AUL	W1HEO	WA2BOT	DF1KG
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JA5WIZ	SP3EPG	W2SKI	WB4TDH	EU4T
JH6WMJ	SV1JFV	W3UL	WB9EEE	F8EZE
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K2DC	UN7TW	W5VX	YO6HOY	HI8R
K2HAT	VE3KI	W6TC		JA2CXF
K3MD	W2GW	W8GEX	110	K2ONP
K3OSX	W6BK	W8HMK	BA4MY	K4RDU
K5CD	W8FAX	W9SE	DL1VDL	K5FZ
K5RJ	W9DX	WA8OLN	EA5BYP	K5KA
KB8U	W9HBH	WT9U	F5BAR	K5KPE
KZ4V	W9VNE	ZP6CW	G3LNS	K6MW
N1QY	WA4DOU		G8AJM	KE1F
N2JJ	WB2HJV	111	HC1BI	KZ5DX
N3MN	WB2UFF	9K2OD	I2BBJ	N1BZ
N4IQ	WS4C	AA4U	IK5RUN	N2WLG

N7TY	UX7UN	SP3BQD	OE5CSP	N4JI
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
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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
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YV3AGT	DK3FB	ZL3RJ	W5KI	UA6LCN
	DL1QQ		W8OP	UR1RWX
	DL2CHN	106	WA4MYO	UR2RGN
108	DL5XU	AA4FL	WA6TLA	VE1PZ
AI2Q	DO4DXA	AE2U	YL2GN	VR2MY
AL7R	EA5AT	DJ6OZ	YU3EF	VY2ZM
DL6CNG	EA7QW	DL2NOM		W1LE
ER1LW	FG8OJ	DL3JSW	105	W1LY
G3VAO	G4AKY	DL6JZ	DF2PI	W1MRH
HB9BAT	G4RGK	EA3CCN	DF8AA	W4OWY
HB9FAN	I5IHE	HA8DZ	DJ3XD	W6FF
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IZ2EWR	JA6OXT	JA1VLK	DL6XK	
JA2MOG	JA8JTH	JA2MNB	DO1CTL	104
JJ2PIK	JH9DRL	JE6IGP	ES1GO	9M2AX
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KM8AM	KE2R	K5ZQ	JF2VAX	EI9E
KN4JX	KZ1W	K8JJC	JO4CFV	F6AJA
LU2DKT	N2RR	KD9HL	K1DJ	F8GB
LZ3YY	N3DAP	KK8X	K2XF	G3BRD
N4MEC	N4RF	KK9H	K5AV	HB9CIP
N6RFM	N6EE	KQ3F	K6DJ	HK3O
N9SF	N8AGU	N0JZ	K7OX	IK0DWN
N9TF	NA5Q	N2CW	K7PO	JA1SDV
NU4Y	OE1CP	N2SQW	K9RO	JA2FGL
PA0ZH	OK2BUZ	N3XM	KI5T	JF1EGO
R5FY	OK3CQR	N8AID	KT2E	JF6WTY
R7LA	R0FA	NA5Z	KX2A	JK1BSM
RX6DX	RN4AA	NI5M	LZ1JZ	JO1WXO
S57J	RV6ARZ	NS3L	N2DPF	K0WK
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K7TJR	DS3HWS	W1CTN	RU3UN	JH3PRR
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
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
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UY0MM	N9BBQ	K2TK	AA4NU	NE1F
VE3VHB	NU1T	K3KG	AC2AC	NX2X
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W7DR	RK3QY	KW4BY	DM3ML	PA4WM
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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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AG1I	UT2AB	OK1DTN	IV3GOW	SM2DMU

SM7NDX	GM3ZSP	N8NB	W8CNL
SP7JLH	I2VGW	N8OQ	W8FN
SV1PL	IK0HFO	N9ADG	W8GDQ
UA0FDX	IK4MSV	NA6O	WB4SON
UG6GAW	IS0/YO3RA	NB3R	WU2M
UR7CQ	IT9CVO	NG7A	YB1TJ
UT1CC	IW0BYL	NJ3I	YL2SM
UT4IS	IW0HQE	NN4SS	YO9FLD
UT7HA	JA1BRK	OE5JDL	ZP9MCE
VE2OJ	JA1CPU	OK1DXD	ZS2DL
VE3XB	JA1ILA	OK2PAZ	
VK2GR	JA4FSH	ON4ANN	
W1FC	JA5DQH	ON7EH	
W1GF	JA9CGW	ON7GB	
W2SF	JF3DRI	ON9CC	
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W7AV	K1NZ	R9JX	
W7CB	K2CBI	RA3SD	
W8GB	K2CYE	RA4LW	
W9MAF	K3TZV	RA6XB	
W9ZCL	K4FT	RC2A	
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YO6BHN	K8LE	SV2DSJ	
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	KA9UVY	UA3AKI	
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9M6YBG	KC0V	UA6CEY	
A41ZZ	KC4D	UN6P	
AA4AK	KC5LT	UR4CW	
AB4VV	KD8BZY	UR4LRG	
AC4VM	KP4N	UR8IDX	
AI2S	KQ5M	VE1RGB	
DJ6OI	LA8W	VE3OAT	
DL1TPY	LU5OM	VE7JKZ	
DL1TRK	LU5YF	VP2VA	
DL9GTB	MM0SJH	VR2PX	
DU7ET	N0AH	W0GYH	
EA1CP	N0ATQ	W0MU	
EA2AAZ	N1KI	W1AN	
EA3ALD	N1MD	W1YRC	
EA8AXT	N2SG	W2CCC	
EC5A	N2XQM	W3BBO	
EI3ISB	N3AF	W4HHN	
ES5NC	N4CRI	W4OEP	
FM5GU	N4ZR	W4OV	
G0VXE	N7DED	W5BK	
G3OIL	N7TK	W7DT	
G4CGG	N8IL	W7JET	