

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 10 Mar 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	YU1FW
341 EA8AK	324 K2TQC OH2BO W1NG		308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM0GAV GM3YTS
340 K1ZM		314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E SV8JE
339 W4DR W4ZV	323 EY8MM S50A SP5EWY			300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR SP3EPK VA3EF
334 N4WW OH2BU	322 K4PI UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q	
333 R7LV	321 WB9Z	312 OG2M OH1MA	305 JA7NI K4ZW N4IS NN4T UA6A	
332 UR0MC	320 SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM SP2FAX	304 CT1EEB DJ0MDR SM3GSK	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
331 K5UR LZ2DF	319 K8MFO N0XA SM4CAN			
330 AA1K HA0DU OH1XX UT7QF	318 W9ZR	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX		298 9A2AJ IK2DFZ OE6IMD OZ3PZ SM5CEU
329 K3UL UA4HBW	317 4X4DK W3LPL		303 F5LGE JA1BK JA4LKB K1UO RU3DX	
328 R4GM UA4CC	316 W2VO			

297 DK5PR N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	N2LT N7NR SM6CTQ US5WE UY5ZZ W0BV W2YC	VE2TZT	RK4FD W1MK
296 DF2UU F5NTV G4PWA JA2JPA ON5NT W1JZ	288 PA3GCV RY9C SL0ZG SP7VC UA4LY 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			274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT LA3MHA NR1R R3LA W8TE W8XD
294 DL1AMQ JH2FXK LA5HE RJ3AA SV8CS WD5COV	287 DL1RWN G3XTT N2QT VA3DX W4PK	280 EA6NB SM4DHF SP6HEQ YO3APJ	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA6YQ AA7A RWOLT SV8BHN YO5BRZ
293 N0TB S58T	286 CT1APE DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF		264 IK2YCW K7ZV SP9JZU W1GL
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	285 G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W UR5WA	272 9A2EU CT1EKY DL1DUL DL2OE SP6CIK	263 IZ1ANU K9OW LA5IIA W2SM W3AP
291 9A7V DF3GY IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK SM5KNV	262 EI7BA G0DQS IK5HHA K4XP KR9U W1YY
290 UA3AKO	283 JA5EXW JH4IFF NA0Y NO3M R3OK	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ RU3FM	270 JA5AUC OE5KE	261 9A4T DL9YX K2EK K5KC N3NT N6SS NO8D SP1S SP5DIR

260 EA5BM K1LT K4DY KX4R	252 EA1DR IV3YYK JA2VPO JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	F2JD JF8QNF K0IEA N6TR TF4M W2TQC W5XZ	K1FZ K1ZG K9OT KA9CFD LA2XPA UR5MID VO1NA	WA7NS
259 DF4PL F6GCP G3ZSS I1FQH R9FM	251 DJ7RD DL9RT I1EIS JH0BBE N4II PY2RO VK4MA W5UN W7LR	245 DL4CF JA1GV K2FF N9US RL9F RY7G W9XY	239 G8VR JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK	234 AC4G AJ6T IZ8FFA K1AR K4UTE KF0QR NV9L PY1BVY
258 KW9A N5KD RN3CT VE3QAA	250 HB9RG NQ1K OZ8BZ	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 DL8WN EA6ET IK0XEZ JA0DAI K1DG RA0FF VO1HP	233 JA0FSB K0CS K2UU KA7T SK3PY SV8CKM UA4HAU VA2WA W7AO
257 K1GUN W9YSX	249 AI9L IV3ODE JR3IIR K9NW SP5DRH	243 DK2JX DK3DG IK0MHR ON4ATW S57A W9RPM WX4G	237 DL7MAE NI0G OM4EX UR5EDX	232 JA8EAT JG1ULJ JH1HGC K2AZ K4XL NI6T S51DI UA3AP
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP	248 K3WW K5RX K9RX N2NL SM3VAC SV8GFW T77C UT9FJ W9NGA	242 EA4KD KG7H	236 AB4I K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI	247 AB3CV K6XT NN4X NO2R R7IA WB3AVN	241 JA0CRI JA1SYY JA3EMU K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM EA6VQ JH4ADV K3SWZ K5EK N6DX OK1CF R7DX VE3XN W3LL	230 DJ5FI FK8CP JA1CMD N8JV SM3NXS W4GF W4VQ
254 N0AT OM3DX WA4FFW	246 DJ2TI	240 JA5MHD K0JUH		229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN
253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG W3KX				

RO7T	224 DL5WW I3BUI IZ1LBG N0AV N8BM SP5INQ VK6VZ W2RQ WA7NB	JA2FJP JF3KON LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	OK1DX RN7G W4NL	HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT
228 AF9H AI0O EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M RU4SO W0LYI W1FJ W2WG W3YY	208 G3NSM I4LCK JA7MSQ JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU E72A ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW KD0Q W1TC W9BF WB6RSE	222 DF6PB IV3JVJ K3SV K6EID N5AW N8PR N9BX SM0CCM SP7GAQ	217 DM5EE K5PC ON6YH UA3AGW	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I LA7JO N1ZZ N4MM OZ1AXG SM5CZQ WB9CIF WS9V	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS
226 JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	221 K4MWB K8FH K8SIX MM0EAX N6VR W1ZK W6JRY WS6X	216 JA6LCJ JA9PPC JH1IFS K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA LA4GHA NX0I RU3SD UR5FEO W1ECT WA5VGI	206 IK0IOL JA3PIS K2VV K5AQ K5MC KG9N N8DJX SM6BZV US0KW VE3BW
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK SP8NR VA5DX W7KW	220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY	215 AD5A LA7GIA N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW JA9FPI LA7HJA PY2XB W8UN WB8ZRL
	219 IK3VUU JA2FBY	214 DL7BA HL3IUA IZ8VYU JA2JW JA2WYN K3JGJ K4NA	209 DL5CF DL9MRF EA1RT EU1KY	204 DJ5AV IK7NXM

K4JJW	W5TCX	KP2A	JA7JWF	WA6YEE
KK4SI		ND0N	K3FN	
LX2A	200	RA9CMO	K4FJ	187
N4NX	AG4W	RZ4FO	K5XX	AJ1H
N7FU	JA1GTF	W0FS	K7GM	K0SR
UA0SR	JH2RMU	W2FCR	K9EU	K6SRZ
US6EX	K1GE		KF7PG	KL0S
W2HUV	K9US	195	N4DB	KN5O
WD8PKF	K9YY	EA3JL	N5LZ	N2NS
WF4U	LA5YJ	EA5RM	W3UA	NE1B
W18A	RW4NN	G3ZEM	W3YQ	OK1CZ
	RW7M	JA1EOD	W8LGJ	SM0NJO
203	UY0ZG	JH1QAX	WN6W	W7AWA
JA2XYO	W0DD	JN7FAH		
JE1PNX	W0MHK	K7SO	191	186
K4XO	W2IRT	K9RT	G0OIL	9A8A
K8AC	W3GG	KF8UN	JA1ANR	IK2QPR
K9MMS		N1SV	K0JGH	JA8DNV
KK2I	199	NK1K	K8FC	K0BJ
PA0A	DK2LO	W4UM	K9LA	K3PA
R6AF	G0BNR	W5ZG	RK2FWA	K7LAY
W8GC	HB9DDO	W9OP		WA3C
	JA2DPC		190	YL2TW
202	K1GG	194	CT1IUA	
AA5AM	K6G XO	JA3RAR	IZ8XQC	185
DL1MGB	N4DW	K4KDX	JA1DUH	AB6QM
DL2KQ	W1TO	K9JF	JA1MCU	EA6BF
DL9DRA	YO2DFA	KB9LIE	K2TE	G3KWK
JA2JNA		KC9ARR	K9KU	IK3SWB
JA3CSZ	198	LA7AFA	KM1D	K0BBC
JA5AQC	DL1ROJ	W1NT	N4XU	K5ZD
JH3VNC	G3UJE	W2LO	N5GH	N4TJ
J12KXK	G4BUE	W4FC	SP2LNW	N5UR
K2NV	IT9JNR	W9OO	VE7VV	OE2BZL
K3LR	RX3APM	WD8JJA	WE9R	SV1DPI
KV7K	W8HB		XE2X	UA9CBO
LY1G		193		
N5ZM	197	DF2GH	189	184
N7KA	G3SNN	DK1FW	9A2F	I2AOX
OK1DOT	I5KKW	DL5ZB	EA8PP	JA2ZL
R9TO	JH2UVL	DL6ZXG	FM5CD	JF1NZW
RA3S	K8NVR	EA3WD	JA0VSH	JH1RFR
SM2OAN	OE4PWW	HA5BSW	SM7GIB	K4HGX
UA9FAR	OE5FIN	JA1XEC	SP7HOV	K5KLA
W7DO	ON4CD	K4ODL	UA7T	KB4ET
WA2HZO	RZ6FA	KB8VAO		OH2IS
ZL3IX	UA0SC	N9EN	188	S57AC
	UT5EL	PA0LOU	AA1ON	US8UA
201		RN1ON	AB4IQ	
CU2DX	196	UA0CA	JA1KQX	183
DL1EJA	4Z4DX	W9MU	KB0EO	CT1FMX
F4BKV	AA4HP	WA2VYA	KB1EFS	CT3MD
JA9NFO	IK4PLW		KE9ET	IT9INO
JF1PUW	IZ8FWN	192	N8LJ	K8VC
JO7WXN	JA4PXC	9A2NA	RM0F	LA3WAA
K3HP	K8PO	IK0FVC	W6SR	NN2L
N4QS	KA9FOX	JA0EOK	W8JV	ON6SAS

W2FP	NE0U	JA2XW	RA3DNC	K8NK
W8NW	SM7DLK	JA7MOL	SV1LK	N0IJ
182	SV1JG	JF7DZA	170	N3BNA
DJ9ON	W6NWS	JK1OPL	CT1FPQ	PA3C
DK3UA	W7MEM	JR6PGB	DJ6TK	RA1AOB
HA5WA	ZS1LS	K0TT	JA6JPS	RN9N
JA1SHE	177	K2KA	JF1WPB	S51EC
K8RRT	9H1SP	K3AJ	JM1GYQ	SP3FAR
UR3EO	AE5E	K4TR	JR7BDQ	UN9L
W1YM	CT1EAV	K4WS	K6ZZ	VE6WQ
	CT1GFK	OE1WHC	KI5BLU	W1YW
181	EA8JF	RN7F	N4PY	W3IP
DK3WW	IK4ADE	UA3LNM	SP3GTS	WA0MHJ
JA3ENN	JE1BMJ	W8UV	SV3KH	WA4LOX
JN4MMO	K3WC	W8VVG	W9EVI	WC5N
N3OC	K9NU	WT8C	WA3AFS	166
VE3OSZ	SM6DHU	173	169	4Z1UF
W9AJ	W2OR	5B4ALJ	IK0PEA	DJ4SO
	W5LT	I1JQJ	JA1ADT	HB9FMN
180	W7FI	JA1PPW	JG0CQK	IV3TDM
DM2DXA	WB7B	JA9TWN	JR1IZM	JA1FNA
DM3VL	176	K1NTR	K1LI	JA9LJS
JA2BDR	EU1AB	K4XR	N1EN	K1KA
K2EP	I6FLD	KA1J	N4XX	K3KY
K4CN	JA0DET	N5FG	N7US	K4JLD
K6SSS	JA5IU	PY5EW	PE1L	K4PB
K7BG	JA6BJV	W8HC	UT8MM	K4ZYU
LA9AJA	JA8KSF	172	UY5AA	K9MBQ
N1RR	JL1SAM	G0BLB	WB3JFS	OH2BLD
N4AH	K8MN	G3NKC	168	RM3DA
ON5FP	N5OK	IZ5MOQ	G3MXJ	W1RR
UT2UB	OK1DWC	JA3FGJ	IK2EGL	W8ILC
W1RM	RL3FA	JG3IWL	JE2LPC	WA8TXT
W7BEM	SM5FUG	K0DEQ	JE7JDL	165
W8TN	W4BP	K1BD	JF2UPM	DL7UCX
	W4GD	K6FG	K5QY	EA7TV
179	YO7NE	KJ0M	K8RYU	I2ZGC
IT9ELD	175	W3JX	KR4F	IK0AGU
IW0SAF	JA1CHN	W4FQT	N4QQ	JE7RJS
K8WK	JA9NLE	WC4X	N8BJQ	K5JZ
N2PK	JS3CTQ	171	PA7F	KK4CB
OK1MG	K4DLI	AA9D	SP5GH	N9FN
S57UN	K5GKC	DL6KR	W4SVO	NY0V
SM4DDE	N7IR	G0EHO	W6RW	RC9F
SV3FUP	N7XR	HA9PP	W6VX	SM4CTT
W2YJ	SP1MGM	JA6HUG	W8OI	SP6EQZ
W8KEN	TF3SG	JR1TNE	WA5YNB	W0DJC
	VE3FF	K1NU	167	W5BN
178	WX0V	K9YC	DK5AD	164
EA3CJ	174	LA5LJA	JA6VQA	GU4YOX
HK3W	4Z5CX	N0RN	JE3ENP	HA7UW
JA2LCP	4Z5MU	N4OGW	K4XD	HB9BZA
JA4MRL	JA0GJJ	N7RO	K6KO	JA1RTX
JE2URF		N9RC		JA7ZP
K2UR				
LA0FA				

JH2SON
K1NJ
N5WA
RA3ZH
RN3OG
SV2AEL
W4NS
W7YAQ
WP4U

163

9A2JK
DJ9HX
JE2LUN
K7NN
K8TL
UR4CWQ
VE3CFK
W7AL
WW3S

162

4O3A
9A4W
F3AT
JA6GIJ
K1KI
LB6KC
N8MR
RW3RN
W0HT
W0TT
W1LW
W4DKS
W8WEJ
WA9PIE

161

DK2GZ
DL6RAI
HB9DHK
JA1DOF
JH4CPC
K1USA
K5GO
K8ND
LB2TB
N4GN
OH6RA
VK3HJ
YU2TW

160

AD5Q
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DL1DA
EC3A

EI6FR
IK0FUX
IW2FND
IZ4DPV
JA2EPW
JE2OVG
JF2XGF
JR7MAZ
K3MSB
NR4M
RU6L
UA0FZ
UX5UO
W1BR
W5XC
WX0B

159

JA4FKX
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K4RO
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W6BJH
W7SX
W9RN
WD5BJT

158

DJ4PT
DL1FKA
IT9DSZ
JA9APS
JH1TWT
JI1FXS
JI1NJC
JR1GJP
K5TT
K9GA
OZ1HX
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SM4EMO
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W1OX
W2XL
W3GQ
W4QN

157

AA4H
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HB9TKS
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JE2DZC

JH2QMT
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N5MOA
NE9Z
RU4UR
SM3PHM
SV8ZS
W2TA
W5GZ
YV2IF

156

DL4MM
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IZ8IEV
JO7HAM
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K8YSE
KS1J
N3RC
N3UA
N4HB
UA3SAQ
VA3LX
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W4TV

155

AB9V
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DL4SZB
DL6MRS
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K2LS
K4RG
K4WA
NE0DX
NW7E
SM6VR
WE1P
ZS6EZ

154

3V8SF
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JA8NFV
JR3OEH
K0KVR
N7WS
NX8Y
W1NA
W2XI
W5DNT
WB0TEV
WS7L
YS1RR

153

AA6AA
AJ9C
DL3ZA
G3TJW
HL2CFY
JF1IRW
JR9OPJ
K7SP
K8VFFV
N4TV
N5TW
N8II
R9OK
SM6CLU
SP5CCC
UT5UY
WB8BPU

152

EW2A
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KS3F
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UT5AB
VE6LB
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W1VT
W6RLL
W7AJ
WB3CQM

151

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IZ3ENH
JA2VQF
JA6BEE
JH1NYM
JR1XIS
K2FW
KR2Q
N5JB
OK1ATP
RD3A
RU3A
S54A
SP7AWG
SV9AHZ
W7RH

WA1Z
WA2BCK
WP4G

150

EA1AF
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K8AJS
KU4XO
N3QE
N9CO
N9MB
OE8SPW
SV1CNS
UA6YW
W6DAO
W7CT

149

DL7CX
HB9HFN
IK4FNF
JA1SVP
JL1ARF
JR5JAJ
K3RA
K3TN
K4YYL
K8ME
K9MK
OE5RLM
SM6CUK
UW7UA
W0GG
W7HPW
WB8B
WD5K
WS5W
WW2DX
YO3DDZ

148

DK2CC
F5CQ
F5LVL
HB9SLO
JH1QDB
K5VWW
N2WB
NE3F
W2/CT1GIF
W5FKX
W9JJB

147	HB9BYQ	W5LUA	K3ANS	136
EA3GP	I5MXX	W5VQ	K6AM	CT1FCX
F5PAC	IT9GSF	WA5POK	K8GI	E72U
IV3VBM	IZ4GWE	WB8CQV	K8RF	ER0FEO
JA1XQC	JA3GN		KA8SYV	HB9IQB
JH4ALY	JA5XAE	141	KU0A	IK8CNT
K2AX	K0VSH	AC9S	LA8WG	JH4HMG
K7HP	K5TR	DL5MHQ	OK1MP*	K0TV
K8UT	KD0PO	EW1BA	OK2QA	K6EME
KM1H	N1IX	JA1PTJ	SM5CBM	K7TM
N1IBM	N3KK	JA2ATE	SV8ZC	KR6C
PC3T	SM4OLL	JA9RRH	W0SD	N2ZN
UN7LZ	SM5CLE	JE6TSP	WA8WV	OK1DW
W1OP	W4GE	JH1HHC		SM5OJH
W2KKZ	W7ZI	JL1UXH	138	SP2BMX
	W8RLS	K2RW	DK8MCT	UT3UZ
146	WC5M	N8OC	DK8YY	UW8SM
EU4A	WD5T	NJ3K	EI9FBB	W2OIB
G4FTC	YO3CD	OE6VIE	F6DDR	WB7QXU
JA1HQG		SV3FUO	IK8EPC	
JA4DHN	143	W3BW	JA3OOK	135
JH1GNU	DL1DUO	W4JVN	JF3LOP	5B4MF
K1CA	DL6EN	W4VIC	JH7RXU	DJ9ZB
K5KV	HS0ZEE	W4WT	JK1AJX	F6FXU
K5SM	K7CMZ	W8HW	K1RO	IK8GYS
K6NR	K7CW	ZS1C	K2RET	IV3DXW
K7WP	K8ROX		KJ6P	JA7LMZ
N7BT	KJ9C	140	LB5WB	JA8BNP
RU0SN	LZ2ZG	9A1CAL	NA5C	JA8JL
W1IZL	N2RJ	DF2RG	ON6AA	J11DCW
W1ZT	N2WM	K5WK	OZ8X	K1ZE
	N5UW	K6KLY	RW4CY	K7FL
145	N6PAT	KF8DX	V51B	NZ9R
AF4HX	NN4R	N4XP	W1GD	R7LP
HI3T	R8TX	N6PSE	W2YE	RN3RQ
I0JBL	W0IZ	OH6NIO	W4YV	SM3LGO
JJ3HGJ	W6QUV	OK2ZV	W7OM	SM5CZK
JN1BMX	WB8ZRV	ON7DR		SP3XR
K1OA	WD9DZV	UN1L	137	W1DIG
K3VAT		VE6SV	DS1JFY	W1EQ
K4OY	142	W0SEI	EA1YO	W2GD
K8BL	I5HOR	W4NU	GM3YOR	W4BUW
KF6HI	IT9BLB	W7IV	IZ0RVI	W4MBD
LA6OP	JE1FQV	W8GNM	IZ2FOS	W4RFZ
N1CGP	JR7WFC	W8LWU	JA3APU	W6JTI
N4GG	K3PP	WO2T	JA4OK	WE4S
N5XZ	K4WZ	YL2MU	JH4JNG	
RT0F	KK1W	YO9FNP	JR2LJO	134
SM3DTR	LA9VFA		K2QMF	CT3HF
	MM0SAJ	139	K8NS	IK4DCS
144	N7QT	CU2AP	RA3CO	JA7LGE
CU3EQ	NA4D	DF7EE	RG7G	K1TO
DL5CW	NQ7R	DJ4XA	UU1JA	K3OX
DL5KUA	NY2NY	DL5EBE	W11TU	K7XB
E70T	OK1DO	DL8OH	W2CG	KX4TT
EI6IZ	W2OO	JA1TMG	W5ODD	N9MR
GM3ITN	W5ADD	JH0BQX	WB5JID	N9RS

NA5DX	WB3D	JA1NWD	OE8HIK	KA6BIM
OE1TKW	XE2S	JA8JO	S51NM	KI4WCQ
PY5HOT		J14POR	SK7AX	LA9GX
RG6G	131	K3NK	SP6A	LZ1XL
RX4HW	DK7YY	K4TT	SP7ASZ	N2KA
SM0BYD	G3UHU	K6XM	W0CP	N3EN
UA0ACG	HB9FMT	N0YY	W0RT	N4JT
W4JKC	HS1NGR	N3KS	W0YVA	N9RD
YU1AM	IV3KFB	N3RR	W3BG	ND5S
	JA2TBS	OH1JP	W3MF	NW6S
133	JJ1TEA	PY5EG		OE1AZS
9K2NO	JM1FHL	W7QHE	126	OE3SGU
EU1U	K1UU	W8MET	DJ8WD	RA0BA
HB9CQK	K5VIP		F8BPN	UN7JID
IZ8DFO	KC2LSD	128	G4IUF	UU7JM
JA7GLB	KH2L	AA4SC	IZ7EVZ	VE3UTT
JA9AGN	KM3V	DM2RM	JA1XCZ	W5DAW
JR7FRW	KM4H	IT9ZZO	JA7KY	W9CG
K1ZN	N4QWZ	IU0HDC	JJ1DWT	YO2RR
K2CDJ	N5PHT	JA2AHH	JN1RQV	
KS4YT	N6RK	JA2KSP	K2ZD	124
KU2A	ON4ON	JA9AA	K4JKB	AA7XT
OE1KM	R0SR	JE1LFX	K4XU	IK3VBB
RA5BM	R9MJ	JH4GJR	LB7ZG	J11DHY
RV4LC	R9SA	K0FF	N8NA	K4ZO
SV5DKL	W8DCH	K3XA	OK3CQD	KD4POJ
UQ2PZ		K4JAF	PA3EWP	NA2U
VE3WT	130	K4SE	PA5TT	PA0TCA
W0NFL	DF9ZW	K6LPO	SQ5EBM	UA0BA
W2QO	E73M	KG7CW	VE3CX	VE1DUN
	E12JD	N5KM	VE7BV	W2JU
132	G7VJR	OH1ZK	W8MK	W2RIJ
AA4NC	HK0HEU	OZ1IKY	W8REW	W3FM
AB9M	JA2FBC	R9SG	W9ILY	W6CYX
AD6W	JG1DUZ	S53X	WB0O	W8LMG
IT9RDG	K2MYR	S55DX	WB2REM	
JA2KVD	K6SIK	SM3GQP	WD4LBR	123
JA6CBG	K7LFY	SV3DCX	XE1KK	AB1OC
JR6FC	K8BCK	VQ9LA	YU1EXY	AC4TO
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K9ZM	N3MK	W4IS	125	DL9FCY
N6HY	NA4EA	W6RKC	9A1AD	F4GTB
ON4CAS	NO9E	ZS1A	AG1A	G4WFQ
OZ2RH	OZ2ABI	ZS6UT	GW3TMP	G5LP
SM4BZH	R3VA		HK4SAN	HB0WR
SM6BGG	R5QA	127	IK5DNF	IK2CHZ
SP6M	R9AB	HK1MW	JA4IYL	IK3XJP
VE3CRG	RU1AO	JA1DDH	JA6VU	JA0CRG
W4AXL	TA1CM	JA1WLO	JE1TSD	JA1SJV
W4RBO	UN7JX	JA8RJE	JE6UWU	JA3MHA
W4WM	VE3DO	JH3AIU	JF2WXS	JA6WJL
W5AJ	W2MPK	JS2LHI	JH3CUL	JR1EBE
W5SL	W9ZT	K0RW	JH4ADK	K2PK
W6DR		K3TRM	JL1RUC	K3XO
W7AH	129	KM4NS	K1HAP	K4ZIN
W7CD	HB9AZZ	N1AC	K5KG	K5GH
W9FR	HB9RYZ	N1GC	K8DV	K7UT

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N2ED	W2GG	I2TZK	YO4AUL	UA4PCM
N4DWK	W3RJW	I4MKN		VA7CRZ
N6MZ	W6XI	IU0LFQ	117	W1ENE
N9JV	W9XX	JA3AZD	9Y4VU	W1WEF
N9LQ	W9YE	JA4XGC	AE0P	W7GG
NA2P	WA1PMA	JE2JMV	BH4IGO	W7OEV
S50B	WY1G	JH6CDI	DL1DWT	W8LRO
UA3DK	XE1VIC	JR3UIC	IT9AAI	WP3R
UT3QU		K5UZ	IT9DAA	WQ5L
W1AO	120	K7EG	JA0AOO	
W8NJR	9A5F	K8KWT	JA1HQT	115
WB8K	AC9EM	N0KV	JA4FM	AA5JF
WV4TN	AL7TC	N8PW	JA7GYP	C6AGU
XE1H	DL2VWR	N9UA	JA7IC	CU2CE
	EI2GLB	NT2A	JM3GXU	DL9GOA
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BA4RF	HB9BLQ	OH5NG	K1BZ	G8BCG
G3NDC	HB9DHG	OK1DT	K2BB	G8DX
HA1RB	IZ0LKV	R6FFB	K6PJ	HA5UK
JA1MRM	IZ5NFD	SV1ACK	K7PI	IZ7JVR
JH1AGU	JR6LLN	SV1IW	K8OOK	JA2KNW
K1ESE	K2BA	W0RX	K8QM	JA5FDJ
K1YT	K2HK	W4HZ	N2BJ	JH1RFM
K2MP	K3QIA	W8FIB	N3ND	K0GD
K7ZA	K5JC	XE1RCS	N4IR	K0SD
KR0P	K6FW		N6MB	K4CMS
LA7WCA	KA8ZPE	118	N8AA	K4GHS
LA8PT	N3NR	5T5PA	N8XI	K4GK
N9AW	N4BAF	AA4DD	NY4G	K5XM
NA9RB	N4LR	AB2E	SM7BIC	K8YTO
NN7X	N4TB	DL5OCE	SP8HKT	KO8SCA
OZ3Y	N4TL	JA4FHE	UA6J	KV1J
RD4A	N4UFP	J18DGO	UB3A	LY4T
UU4JMG	OE3EVA	K3WGR	UR9IDX	N0IRM
VE6AX	OZ2A	K4CNW	US1CT	N4OA
W2TB	PZ5RA	K8LN	W4ZRZ	N8KOL
WA3I	RL3BZ	K8WVA	W6SL	PA3AXU
	SP6JIU	K9DR	W8ZR	RZ6MJ
121	SP7ITB	K9SG	WA2USA	UA1ANA
AA6RR	UR5IKN	KD2T		UA1CGS
CT3KN	US0YA	KD6UO	116	UA6XT
DF1DB	W2YR	KG8CW	AJ4F	UN6T
DK1EI	W3OA	KV4AA	DL7URH	VE3YF
DK6CQ	W4PRO	LZ2HM	EA5BRE	W1OPD
IK2SGB	W6RFL	N2MM	HA7PF	W4UCK
JA2HYD	W7RN	N4DJ	IK0EIE	WA7BNG
KD8RQE	ZL4AS	PY2PA	IK2OHG	YL2CZ
KG9Z		RN3TT	IT9TQH	
N0OK	119	SV9COL	IV3HYD	114
N1JP	AA3AZ	TA2RC	JA1WTI	BA4DW
N6HC	AE3T	VK4CAG	K1DC	BA7IO
SV1AHX	AJ4A	W1KSZ	K1RI	CT3FN
UQ1GWW	DK3GG	W4DAO	K3FRK	CU3AK
UT4EO	EW4M	W4NF	KT1V	DL6NB
UU2JQ	G4DJJ	W4NJ	PA0JSE	F6CWA

G3SDL	RA4UN	RU4SU	W3FOX	W3XY
HK3PJ	RZ3AUL	SM3DMP	W4HOG	W4DC
HP3TA	SM5ARL	UA1ACG	W4OX	W4NE
I5OYY	SP3EPG	UA1CEI	W5AQ	W5VY
IK7YZG	SV1FKZ	UT6UD	W7VS	W5ZPA
IW0HEX	SV1JFV	VE7XF	W8KA	WB4TDH
JA4KDT	SV2AVP	W1HEO	W8MIL	WL7E
JA5WIZ	UN7TW	W2CVW	W9RB	XE1FAS
JH6WMJ	VE3KI	W2SKI	WA2BOT	YU7AU
K1RV	W2GW	W3MR	WA2MUA	ZL3NW
K2DC	W6BK	W3UL	WB9EEE	
K3MD	W8FAX	W4VHF	WC2K	109
K3NF	W9DX	W5VX	YL3DQ	DF1KG
K3OSX	W9VNE	W6TC	YO6HOY	EA3GHZ
K5RJ	WA4DOU	W8GEX		EU4T
KB8U	WB2HJV	W8HMK	110	F8EZE
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N2JJ	WX3P	WA8OLN	DG7RO	JA2CXF
N3MN	XE1RBV	WT9U	DL1VDL	K2ONP
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NU8Z			F5BAR	K5KA
UA3FT	112	111	G3LNS	K6MW
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WN9O	EA1JO	DK6ED	IK8UHA	ND4V
XE3ARV	EI8IU	DL1HRN	IZ0CKJ	NN4RR
	EW1DO	EV1R	JA7EPO	NU4I
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DJ5DT	HB9CRV	G4DBN	JH1VHU	RW4UU
DJ9RR	HB9EFK	HL3GOB	K1EO	RW9QA
DL8CM	HB9G	JA1AUD	K3JRR	RX3AGD
DL8DYL	IU8FRE	JA1FGB	K3PH	TG9NX
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G4AFJ	JA1SXR	JA1OVD	K6MI	UT7KF
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JA4ITW	JA7BXS	JE8TGI	KB4MRX	W0VHF
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JH3GCN	JI4WAO	K2HAT	LZ1PM	W9FI
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K8SL	JR7TEQ	K7ORK	N3HBX	WB5TUF
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K9GWH	K0TPP	KM1R	N3JB	YV3AGT
KA4RRU	K1KO	KZ0X	N4KE	
KH6DX	K4UAS	LA0CX	N5BO	108
KI0G	K8CC	N4WJ	NC6K	A12Q
KT1J	KB2FCV	N7BD	NY4I	AL7R
N7KO	KI4DLS	N9HF	OZ1LCG	DL6CNG
NA3F	KM1C	NA1DX	RD9M	ER1LW
NG0G	KM3T	UR6QA	SM5BHW	G3VAO
NI5F	LA8HGA	UT1UY	SV1VS	HB9BAT
NK5B	N5ZC	VE6KC	UA3O	HB9FAN
ON5UE	N6MA	VE7CT	US7MM	IK0PRG
R7NA	N6PE	VE7UF	W0UY	IZ0BTV

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K6UT	N4RF	KQ3F	K4YJ	JA1SDV
K8OM	N6EE	N0JZ	K5AV	JA2FGL
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N9TF	OK3CQR	NI5M	KX2A	K1BG
NU4Y	R0FA	NS3L	LZ1JZ	K2BLA
PA0ZH	RN4AA	OE5CSP	N2DPF	K3FM
R5FY	RV6ARZ	OK1AYU	N4JI	K4KEW
R7LA	SP3BQD	OK2BVG	N4NW	K4MF
RX6DX	SP6AXW	S57AL	N4PL	K4VIG
S57J	US5CB	UR3CRO	N4SC	K5HK
SM6AOU	VE3OI	UT7UU	N4VN	K6UM
UX7UN	VK3NX	UU5WW	N6NU	K7TJR
UZ6LWZ	W3KB	V73AZ	ON7PQ	K9EA
W2UB	W6TDX	VQ9SS	OZ4AAL	KA2BZS
W3NRJ	W8IW	W1CWU	PF7M	KH6KG/W5
W4ZYT	W8VK	W2EQ	PJ2/K8ND	K10KB
W6KK	W9CPV	W2LE	PY2DS	KK9H
W7ACD	WB6CJT	W2NO	R6YY	KW0A
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	AA4FL	YL2GN	VR2MY	N9DR
107	AE2U	YU3EF	VY2ZM	NJ9C
4Z5LA	DJ6OZ	105	W1LY	NK7C
DJ8ES	DL1QQ	DF2PI	W4OWY	NN3Q
DK3FB	DL2NOM	DF8AA	W5KI	OH2OT
DL2CHN	DL3JSW	DJ3XD	W6FF	RA1QX
DL5XU	DL6JZ	DJ6KH	WQ5W	RU3UR
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HI8R	JG3HBO	IZ2EWR	AH0U	US5CAO
I5IHE	JG5RVQ	JA1BWA	CP8HD	UT4EK
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DJ1MM	VA3IC	OK1DTN	JA2VMU	SP7JLH
DJ7PI	VE3EDY	OK1JDX	JA6TMU	SV1PL
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I0OSI		UA1AIR	K6AAW	W1GF
IK2ANI	102	UA1CKC	K6XJ	W2SF
JA2GQO	A6/RV6LNA	UA6HOF	K7AR	W3WH
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LX1DA	JA6OXT	YO2IS	N6WM	9M6YBG
N0RU	JA8OW		N8AG	A41ZZ
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DJ6OI	KS4XQ	US8UW
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DU7ET	LU5YF	VP2VA
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EA2AAZ	MM0SJH	W0GYH
EA3ALD	N0AH	W0MU
EA8AXT	N1KI	W1AN
EC5A	N1MD	W1YRC
EI9E	N2SG	W2CCC
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FM5GU	N3AF	W4HHN
G0VXE	N4CRI	W4OV
G3OIL	N4ZR	W5BK
G4CGG	N7DED	W7DT
GM3ZSP	N7TK	W8CNL
I2VGW	N8IL	W8FN
IK0HFO	N8NB	W8GDQ
IK4MSV	N9ADG	WB4SON
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IW0BYL	NA9Q	YB1TJ
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JA1ILA	NJ3I	ZP9MCE
JA1JAT	NN4SS	ZS2DL
JA4FSH	NU1T	
JA5DQH	OE5JDL	
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K0XM	ON7EH	
K1NA	ON7GB	
K1NZ	ON9CC	
K1TZQ	OZ1ZD	
K2CBI	PA0INA	
K2CYE	PA7RA	
K3TZV	R3PJN	
K4FT	R9JX	
K4KSY	RA3SD	
K4QS	RA4LW	
K4UQC	RA6XB	
K7VIC	RC2A	
K8BZ	RN1A	
K8CR	RT5A	
K8CS	RU3GF	
K8LE	S53MJ	
K9NZ	S59SV	
KB0EL	SV1VJ	
KC0V	SV2DSJ	
KC4D	UA3AKI	
KC5LT	UA4PAY	
KD8BZY	UA6CEY	
KD9HL	UN6P	
KK8X	UR4CW	
KP4N	UR4LRG	