

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 21 Nov 2024, 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	324 K2TQC OH2BO W1NG	IK4GME K5RK N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	SM6CVX	LZ2JE N1RJ N3XX S54E
341 EA8AK	323 S50A SP5EWY		307 DJ7MI OH5VT RZ3AM UT3UA VE3EJ	300 F6BKI G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF
340 K1ZM	322 EY8MM K4PI UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 K4CIA N4RJ SM0AJU WT3Q	
339 W4DR W4ZV	320 SM4HCM W8UVZ WB9Z	312 OH1MA	305 EA6SX JA7NI K4ZW N4IS	299 JA4DND K4TEA N1BUG SV1FJA UX1UA W7UT
334 N4WW OH2BU	319 K8MFO N0XA SM4CAN	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A	304 NN4T UA6A	
333 R7LV	318 W9ZR	310 I4AVG KJ9I SM5BFJ SP2FAX	303 CT1EEB DJ0MDR F5LGE JA1BK JA4LKB K1UO SM3GSK YU1FW	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
332 UR0MC	317 W3LPL			
330 AA1K HA0DU K5UR LZ2DF OH1XX UT7QF	316 W2VO	309 UT5UGR W5IZ		297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
329 K3UL UA4HBW	315 IK4WMA OH3SR S50U W1JR	308 I4EWH IK4MGP IV3PRK K4SV K8GG	302 DL4MCF GM0GAV GM3YTS	
328 R4GM UA4CC	314 4X4DK		301 DL9KR	296 DF2UU F5NTV
325 K9UWA UA2FF				

G4PWA OE1WEU ON5NT W1JZ	288 PA3GCV RA3CQ RY9C SL0ZG SP7VC UA4LY W0JX WK3N	JA5EXW K1CP K9CT S59Z W4TO	IK4CIE K1ZZ SP6AEG	NR1R R3LA W8TE W8XD
295 JA2JPA K3UA	287 DL1RWN G3XTT N2QT VA3DX W4PK WD5COV	280 EA6NB HB9BIN NJ6P SM4DHF SP6HEQ	273 F5NBU IK8HJC JA8ISU K2CL K5BG KF2O MD0CCE RA3DA SM6CCO UA3DPM UX1AA W6UB	265 AA1V AA4V AA7A G4OBK RW0LT YO5BRZ
294 JH2FXK LA5HE RJ3AA	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UT7UW W8AV	279 IK4DRY JR7VHZ N2TK UA6MF	272 9A2EU CT1EKY DL1DUL DL2OE	264 AA6YQ K7ZV W1GL
293 DL1AMQ S58T SV8CS	284 K5XI UA3AB	277 AA4MM DJ9VA F6AOJ IK5BAF ON7TK SM6CNN	271 EU7A G4GED HB9AMO OZ1CTK SP6CIK	263 IZ1ANU K9OW W2SM W3AP
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SV1AOZ W3YX W8TOP	283 CT1APE G4CCZ HB9BGV NA0Y NO3M R3OK	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ	270 OE5KE SM5KNV	262 G0DQS K4XP KR9U SP9JZU W1YY
291 9A7V DF3GY JA4LXY KD9SV N0TB R7NW SM3NRY SP3E UA3LAR UT7UJ	282 DL1YD I0WDX JH4IFF K4SO K8KS N2LT N7NR SM6CTQ SP3DV US5WE UY5ZZ W0BV W2YC	275 9A1CCY K2UO K4IQJ OH3BU SP5CJQ SP9DWT UW2ZM VE2TZT YO3APJ	269 IK6DLK JA5AUC K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S
290 IZ0AEG SM6CMU SP3IBS UA3AKO W5ZN	281 DF2PY JA2PJC	274 G3TXF	268 DL5DSM G3WPH RA3XDX RK4FD W1MK	260 EI7BA K1LT K4DY KX4R
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX			267 LU8DPM RZ3DX	259 DF4PL EA5BM F6GCP I1FQH IK2YCW N3NT R9FM SP5DIR
			266 K8PT LA3MHA	

258 KW9A RN3CT VE3QAA	DL9RT JA2VPO JH0BBE N4II ON4AOI VK4MA W3KX W5UN W7LR	DK6WL IK0XBX JA1HGY JA7QVI K9RX ON4IQ	RN3QN SV1ELF	K1AR KA7T SK3PY UA4HAU VA2WA W7AO
257 IK5HHA K1GUN SV8BHN W9YSX	250 HB9RG NQ1K OZ8BZ PY2RO	243 AB3CV DK2JX DK3DG IV3ODE JF8QNF NN4X ON4ATW S57A W9RPM W9XY WX4G	238 DL8WN IK0XEZ JA0CRI JA0DAI K1HTV VO1HP	232 JA8EAT K2AZ K2UU K4XL NI6T UA3AP UR5EDX W3LL
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N5KD N8TR PA7MM W1TSP	249 AI9L I1EIS JQ3DUE K9NW SP5DRH	242 KG7H R5AJ	237 AA1QD DL7MAE IK0MHR K1DG NI0G OM4EX SV1RK	231 4X4NJ EA6VQ HA9RE IK0YUT JH1HGC K5EK N7NG ON4ACG S51DI W9IXX
255 G3ZSS K4QL KY7M N2MF UX0FF W3DF W5OZI	248 K3WW K5RX N2NL R5DT SM3VAC T77C UT9FJ W9NGA	241 EA4KD JA1SYY JA3EMU K2FF K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 G8VR JA5MHD K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	230 FK8CP IZ8FFA JA1CMD N8JV SM3NXS W4GF W4VQ
254 N0AT OM3DX WA4FFW	247 K6XT NO2R R7IA WB3AVN	240 K0JUH K1FZ K1ZG K9OT LA2XPA SV8GFW UR5MID VO1NA	235 CX6VM EA6ET JH4ADV K3SWZ KA9CFD N6DX OK1CF R7DX RA0FF RU3QR VE3XN WA7NS	229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T
253 5B4AGN K5ESW RU3FM S58Q UA1OMS W0YG	246 DJ2TI K0IEA N6TR TF4M W2TQC W5XZ	239 F6BLP JR3GWZ JR3IIR K0KT KH6AT LY3UM	234 AC4G AJ6T K4UTE KF0QR PY1BVY	228 AF9H AI0O EA1N K4HB OH2BEN VE3DZ
252 EA1DR IV3YYK JF2MBF JG3QZN LA5IIA PA4VHF S52F W3UM	245 DL4CF F2JD JA1GV N9US RL9F RY7G		233 AB4I JA0FSB K0CS	227 DL7HU E72A
251 DJ7RD	244 AG9S			

ES1RA	SV8CKM	UT4MF	212	W6PJ
IK0HBN	ZS4TX	W5PJR	AA9A	W9EWZ
IK6FWJ		WA7NB	DK2NG	
JA1UQP	222		DL9GFB	207
K1FK	DF6PB	217	K4MQG	I4LCK
K3NW	IV3JVJ	JG1ULJ	K8ZH	K1LPS
KD0Q	K3SV	K5PC	KE9I	K3JT
N2WK	K6EID	MM0EAX	KG6I	K8EUR
NV9L	N5AW	UA3AGW	LA7JO	PY2BW
W1TC	N8PR		N1ZZ	W0LS
WB6RSE	N9BX	216	N4MM	
	SM0CCM	JA2NDQ	SM5CZQ	206
226	W9BF	JA6LCJ	WB9CIF	DM5EE
DJ5FI		K5EJ		IK0IOL
JA6BZI	221	N5UL	211	JA3PIS
JF2KOZ	DJ8NK	OE1ZL	IK4DRR	K2VV
JR6EZE	K4MWB	RZ0AF	JA2IVK	K5AQ
K9FD	K8FH	W0GJ	JA4DEN	K5RT
N6AR	K8SIX	W6XA	K3WA	KG9N
N6JV	N6VR	YO7LCB	N4PQX	N8DJX
UT5JAJ	SP7GAQ	YU3AA	NX0I	N9AU
	W0VTT	YV1DIG	RA1QD	SM6BZV
225	W1ZK		RU3SD	US0KW
A45XR	W6JRY	215	UR5FEO	VE3BW
IW1ARB	WS6X	JA9PPC	WA5VGI	
JH7PFD		JH1IFS		205
K1MM	220	N7JW	210	I4KDJ
K5AB	AG8B	W0UO	I8SAT	JA3AAW
K9FD/KH6	HB9LCW	W2LK	JH0INP	K1DT
N4CH	HL5IVL		JJ2LPV	PY2XB
RA3QK	JR4OZR	214	LA4GHA	W8UN
RV1CC	K8ZTT	HL3IUA	UW7LL	WB8ZRL
RW3XZ	KA1R	JA2JW	W7JW	
SP3CGK	N1LN	JA2WYN	WS9V	204
US0SY	N5JR	JJ3PRT		DJ5AV
VA5DX	VE3EXY	K3JGJ	209	IK7NXM
W7KW		K4NA	AD5A	KK4SI
	219	OK1DX	DL5CF	LX2A
224	IK3VUU	ON6YH	DL9MRF	N4NX
DL5WW	JA2FJP	RN7G	EU1KY	N7FU
IZ1LBG	LB8DC	W4NL	F6DAY	US6EX
JA9CHI	N0AV	W6YI	HB9DDZ	W2HUV
N8BM	OE8RT		JA0UUA	WD8PKF
ON4GG	RA3WDK	213	N9LB	WF4U
SP5INQ	SP4K	DF2IS	VE1DX	WI8A
SP8NR	UT7UV	DL7BA	VE3LYC	
VE6WZ	WA2UUK	EI3IO	W0ZR	203
VK6VZ		HA1RW	W1ECT	HB9CXZ
W2RQ	218	JF6DSZ	W7KNT	IZ8VYU
	DJ4PI	K1ST		JA2XYO
223	DK0PM	NA2M	208	JE1PNX
AB0X	IK1YDB	RU4SO	G3NSM	JF4VZT
HA7TM	JA2FBY	W0LYI	JA7MSQ	K4XO
I3BUI	JA8CDT	W1FJ	K2FU	K8AC
JH2TPI	JF3KON	W2WG	N5ORT	K9MMS
RT6T	K0EU	W3YY	RU3ZX	KK2I
SV2JAO	K5UO		UN5J	PA0A

R6AF W8GC	N4DW N5ZM OZ1AXG W1TO	194 EA5RM K4KDX K9JF KB9LIE KC9ARR W1NT W2LO W9OO WD8JJA	K2TE K9KU KF7PG KM1D LA7AFA N5GH SP2LNW VE7VV XE2X	185 AB6QM EA6BF G3KWK IK3SWB JA8DNV K5ZD K9US N4TJ N5UR OE2BZL SV1DPI UA9CBO
202 DL1MGB DL2KQ DL9DRA EA1RT JA3CSZ JH3VNC K2NV K4JJW LY1G N7KA OK1DOT R9TO UA9FAR W7DO WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR UA0SR W2IRT W8HB	193 DL5ZB DL6ZXG EA3WD HA5BSW K4ODL K9YY KV7K N9EN NK1K PA0LOU RN1ON UA0CA W4FC W9MU	189 9A2F CT1IUA EA8PP FM5CD IK0FVC JA1XEC JA3RAR JH1QAX SP7HOV UA7T WE9R	184 AA1ON JF1NZW JF1PUW JH1RFR K4HGX K5KLA KB4ET KL0S S57AC US8UA
201 AA5AM CU2DX DL1EJA F4BKV JA9NFO JI2KXK K3HP K5MC LA7GIA N4QS UY1HY W5TCX	197 G3SNN HB9DDO I5KKW JH2UVL K8NVR LA5YJ OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL	192 DK1FW JA7JWF K3FN K4FJ K5XX K9EU N4DB N5LZ W3UA W4UM W8LGJ	188 9A2NA AB4IQ JA1KQX KB0EO KB1EFS SM7GIB W6SR W8JV WA6YEE	183 CT1FMX CT3MD IT9INO K8VC KE9ET LA3WAA NN2L ON6SAS W2FP W8NW
200 JA1GTF JA5AQC JA9FPI JH2RMU K1GE LA7HJA RA3S RW4NN RW7M UY0ZG W0DD W0MHK W3GG	196 4Z4DX AA4HP AG4W DK2LO F6EXV IK4PLW JA4PXC K8PO KA9FOX KP2A ND0N RA9CMO RZ4FO SM2OAN W0FS W2FCR	191 G0OIL JA0EOK K8FC K9LA KB8VAO RK2FWA RX3APM WA2VYA WN6W	187 AJ1H DF2GH K0SR KN5O N2NS OK1CZ RM0F SM0NJO W7AWA	182 DJ9ON DK3UA JA1SHE K0BBC OH2IS UR3EO W1YM
199 JA2DPC JA2JNA JO7WXN K1GG K3LR K6GXO	195 G3ZEM JA1EOD JN7FAH K7SO K9RT KF8UN N1SV W5ZG W9OP	190 EA3JL IZ8XQC JA1ANR JA1DUH JA1MCU	186 9A8A IK2QPR IZ8FWN K0BJ K0JGH K3PA K6SRZ K7LAY N8LJ NE1B WA3C	181 DK3WW N3OC VE3OSZ YO2DFA
				180 DM2DXA DM3VL K2EP

K6SSS	HK3W	KA1J	PE1L	W8ILC
K7BG	I6FLD	N5FG	RA3DNC	WA8TXT
LA9AJA	JA0DET	PY5EW	UT8MM	
N1RR	JA2ZL	W8HC	UY5AA	165
N4AH	JA5IU		WB3JFS	CT1FPQ
ON5FP	JA6BJV	172		DL7UCX
UT2UB	JA8KSF	G0BLB	168	JA6VQA
W3YQ	K8MN	G3NKC	4Z5MU	JE7RJS
W8TN	N5OK	IZ5MOQ	G3MXJ	JN4MMO
	RL3FA	JA3FGJ	IK2EGL	K5JZ
179	W4BP	JG3IWL	JA1ADT	KI5BLU
I2AOX	W4GD	K0DEQ	JE7JDL	KK4CB
IT9ELD	YO7NE	K1BD	K5QY	OH2BLD
IW0SAF		K4XR	K8RYU	SM4CTT
JA2BDR	175	K6FG	KR4F	W0DJC
K4CN	JA1CHN	KJ0M	N4QQ	W5BN
K8WK	JS3CTQ	W4FQT	N8BJQ	WC5N
OK1MG	K4DLI		PA7F	
S57UN	LA0FA	171	SP5GH	164
SM4DDE	N7IR	AA9D	TF3SG	GU4YOX
SV3FUP	N7XR	DL6KR	W4SVO	HA7UW
W1RM	SM5FUG	G0EHO	W6VX	HB9BZA
W2YJ	SP1MGM	JA1PPW	W8OI	JA1RTX
W7BEM	VE3FF	JA6HUG	WA5YNB	JA7ZP
YL2TW	W7MEM	JR1TNE		K1NJ
	WX0V	K9YC	167	N5WA
178		LA5LJA	DK5AD	N9FN
EA3CJ	174	N4OGW	K4XD	NY0V
JA0VSH	4Z5CX	N7RO	K6KO	RA3ZH
JA2LCP	JA0GJJ	N9RC	K8NK	W4NS
JA4MRL	JA2XW	SV1LK	N0IJ	W7YAQ
JE2URF	JA7MOL	WB7B	N3BNA	
K2UR	JF7DZA	ZS1LS	PA3C	163
K8RRT	JK1OPL		RA1AOB	DJ9HX
NE0U	JR6PGB	170	RN9N	JA9NLE
SM7DLK	K0TT	DJ6TK	S51EC	JG0CQK
SV1JG	K2KA	JA6JPS	SP3FAR	JH2SON
W6NWS	K3AJ	JM1GYQ	UN9L	K8TL
	K4TR	JR7BDQ	VE6WQ	UR4CWQ
177	K4WS	K6ZZ	W1YW	VE3CFK
9H1SP	OE1WHC	N0RN	W3IP	W6RW
AE5E	OK1DWC	N4PY	WA0MHJ	W7AL
CT1EAV	RN7F	SP3GTS	WA4LOX	WP4U
EA8JF	UA3LNM	SV3KH		
HA5WA	W8UV	W8KEN	166	162
JE1BMJ	W8VVG	W9AJ	4Z1UF	4O3A
K3WC	WT8C	W9EVI	DJ4SO	9A4W
K7GM		WA3AFS	IV3TDM	CT1GFK
K9NU	173		JA1FNA	F3AT
N4XU	5B4ALJ	169	JA9LJS	I2ZGC
SM6DHU	I1JQJ	HA9PP	K3KY	JA6GIJ
W2OR	IK4ADE	IK0PEA	K4JLD	JF1WPB
W5LT	JA3ENN	JR1IZM	K4PB	JF2UPM
W7FI	JA9TWN	K1LI	K4ZYU	K1KI
	JL1SAM	K1NU	K9MBQ	LB6KC
176	K1NTR	N4XX	RM3DA	N8MR
EU1AB	K5GKC	N7US	W1RR	W0HT

W0TT	WA9PIE	155	UT5AB	W0GG
W1LW	WD5BJT	AB9V	VE6LB	W7HPW
W3JX		DL1RK	W1SKU	WB8B
W4DKS	158	DL6MRS	W1VT	WD5K
WW3S	DJ4PT	K2LS	W6RLL	WS5W
	DL1FKA	K4WA	W7AJ	YO3DDZ
161	J11FXS	NE0DX	WB3CQM	
DK2GZ	J11NJC	NW7E		148
DL6RAI	JR1GJP	RC9F		DK2CC
JA1DOF	K5TT	SM6VR	151	EA7TV
JH4CPC	OZ1HX	ZS6EZ	DK2OY	F5CQ
K1USA	RU6M		EI9JF	F5LVL
K5GO	SM4EMO	154	F3SG	HB9BUN
K7NN	W0SZ	3V8SF	JA6BEE	JA2VQF
K8ND	W1OX	DK1WB	K2FW	JH1QDB
LB2TB	W2XL	G4GIR	N1EN	KR2Q
N4GN	W3GQ	GM3PPE	N5JB	N2WB
OH6RA	W4QN	HB9TKS	OK1ATP	NE3F
RW3RN		JA8NFV	RD3A	W5FKX
VK3HJ	157	K0KVR	RU3A	W9JJB
W8WEJ	AA4H	N3RC	S54A	
YU2TW	AC6DD	W1NA	SP7AWG	147
	EI6FR	W2XI	SV9AHZ	AA7G
160	G3TQZ	W5DNT	W7RH	EA3GP
9A2JK	IZ4DPV	WS7L	WA1Z	HB0CC
AD5Q	JA1GHH	YS1RR		IV3VBM
DL1DA	JA9APS		150	JA1SVP
EC3A	JH7IAJ	153	DL4SZB	JA1XQC
HB9DHK	K9GA	AJ9C	IT9DSZ	JH4ALY
HB9FMN	LY5A	DL3ZA	IV3RAV	K2AX
IW2FND	N5MOA	EA5BY	JA2NQG	K8UT
JA2EPW	NE9Z	G3TJW	JH1NYM	K9MK
JE2LUN	RN3OG	HL2CFY	K0RS	KM1H
JE2OVG	RU4UR	JE3GRQ	K7LV	N11BM
JF2XGF	RU4UR	JF11RW	K8AJS	UN7LZ
JR7MAZ	SM3PHM	K4RG	KU4XO	W2KKZ
K3MSB	SV8ZS	K8VFV	N3QE	WW2DX
NR4M	W2TA	N4TV	N9CO	
RU6L	W5GZ	N5TW	N9MB	146
SP6EQZ	YV2IF	N8II	OE8SPW	F5PAC
SV2AEL		R9OK	UA6YW	G4FTC
UA0FZ	156	SM6CLU	W6DAO	JA1HQQ
UX5UO	DL4MM	SP5CCC	W7CT	JA4DHN
W1BR	F6HDH	UT5UY	WA2BCK	JH1GNU
W5XC	IK0AGU	WB8BPU		K5KV
WX0B	IK0FUX	WE1P	149	K5SM
	IZ8IEV		DL7CX	K6NR
159	JH1TWT	152	IK4FNF	K7WP
JA4FKX	JH2QMT	EW2A	IZ3ENH	N7BT
JE2LPC	JO7HAM	JE3ENP	JL1ARF	RU0SN
JH6QFJ	K8YSE	JR9OPJ	K3RA	W1IZL
JH7CFX	KS1J	JT1CO	K3TN	W1ZT
K1KA	N3UA	K7SP	K4YYL	
K4RO	N4HB	KS3F	K8ME	145
W6BJH	UA3SAQ	N9OY	NX8Y	AF4HX
W7SX	VA3LX	S55ZZ	SM6CUK	JJ3HGJ
W9RN	W1YIF	UA6IGI	SV1CNS	JN1BMX
	W4TV		UW7UA	

K1OA	WB8ZRV	ON7DR	GM3YOR	W2GD
K3VAT	WD9DZV	PC3T	IZ2FOS	W4BUW
K4OY		UN1L	JA3APU	W4MBD
K7HP	142	VE6SV	JA3OOK	W4RFZ
K8BL	HB9SLO	W0SEI	JA5XAE	W6JTI
KF6HI	I0JBL	W4NU	JE6TSP	W8GNM
LA6OP	I5HOR	W7IV	JR1XIS	WB0TEV
N1CGP	IT9BLB	W8LWU	K2QMF	
N4GG	JE1FQV	YL2MU	K8NS	134
RT0F	JE2DZC	YO9FNP	N2PK	CT3HF
SM3DTR	JR7WFC		ON6AA	IK4DCS
W1OP	K3PP	139	RA3CO	K1TO
	K4WZ	CU2AP	RG7G	K3OX
144	K5VWW	DF7EE	UU1JA	K7XB
AA6AA	KQ4AV	DJ4XA	W1ITU	KA8SYV
DL5KUA	LA9VFA	DL5CW	W2CG	KX4TT
E70T	MM0SAJ	DL5EBE	W5ODD	N9RS
EI6IZ	N5XZ	DL8OH	WB5JID	OE1TKW
GM3ITN	N7QT	JA1TMG	WO2T	PY5HOT
HB9BYQ	NA4D	K1CA		RG6G
HI3T	NQ7R	K3ANS	136	UA0ACG
I5MXX	NY2NY	K6AM	DS1JFY	W4JKC
IT9GSF	OK1DO	K8RF	E72U	YU1AM
IZ4GWE	W2OO	KD0PO	ER0FEO	
JA3GN	W5LUA	KU0A	IK8CNT	133
JR3OEH	W5VQ	LA8WG	JA4OK	9K2NO
K0VSH	W7ZI	OK1MP	K0TV	EU1U
K5TR	WA5POK	OK2QA	KR6C	IZ8DFO
N1IX	WB8CQV	SM5CBM	N2ZN	JA7GLB
N3KK	WP4G	SV8ZC	N6PSE	JA7LGE
SM4OLL		W0SD	OK1DW	JA9AGN
SM5CLE	141	W5ADD	SM5OJH	JH1HHC
W2/CT1GIF	DL5MHQ	WA8WV	SP2BMX	K1ZN
W4GE	EW1BA		UT3UZ	K2CDJ
WC5M	JA1PTJ	138	UW8SM	K8GI
WD5T	JA2ATE	DK8MCT	W2OIB	KS4YT
YO3CD	K2RW	DK8YY	WB7QXU	KU2A
	NJ3K	EI9FBB		N9MR
143	SV3FUO	EU4A	135	OE1KM
DL1DUO	W3BW	F6DDR	5B4MF	RA5BM
DL6EN	W4JVN	IK8EPC	DJ9ZB	RV4LC
HB9HFN	W4VIC	JF3LOP	F6FXU	UQ2PZ
HS0ZEE	W8HW	JK1AJX	HB9IQB	VE3WT
K0QC	ZS1C	K1RO	IV3DXW	W0NFL
K7CMZ		K2RET	JA7LMZ	W2QO
K7CW	140	KJ6P	JA8BNP	
K8ROX	9A1CAL	KK1W	JA8JL	132
KJ9C	DF2RG	OE6VIE	JH4HMG	AA4NC
LZ2ZG	JA9RRH	OZ8X	K1ZE	AB9M
N2RJ	K5WK	RW4CY	K7FL	AD6W
N2WM	K6KLY	W1GD	NZ9R	IT9RDG
N5UW	KF8DX	W2YE	R7LP	JA2KVD
N6PAT	N4XP	W4YV	RN3RQ	JA6CBG
R8TX	N7WS	W7OM	SM3LGO	K6EME
W0IZ	N8OC		SM5CZK	K6YUI
W6QUV	OH6NIO	137	SP3XR	N6HY
W8RLS	OK2ZV	CU3EQ	W1DIG	ON4CAS

OZ2RH	R5QA	127	YU1EXY	123
SM4BZH	R9AB	HB9AZZ		AB1OC
SM6BGG	RU1AO	HK1MW	125	AC4TO
SV5DKL	SP6M	JA1DDH	9A1AD	DL7JRD
VE3CRG	TA1CM	JA1WLO	EA1AF	DL9FCY
W1EQ	UN7JX	JA8RJE	GW3TMP	G4WFG
W4AXL	VE3DO	JS2LHI	HK4SAN	G5LP
W4RBO	W2MPK	K0RW	IK5DNF	HB0WR
W4WM	W5AJ	K3TRM	IU0HDC	IK2CHZ
W5SL	W9ZT	K7TM	JA4IYL	IK3XJP
W6DR	129	KM4H	JA6VU	JA0CRG
W7AH	EA1YO	KM4NS	JE1TSD	JA1XCZ
W7CD	JA1NWD	N1AC	JE6UWU	JA3MHA
W9FR	JA8JO	N1GC	JH3CUL	JA6WJL
WB3D	JH0BQX	OE8HIK	JH4ADK	JR1EBE
XE2S	K3NK	OH1JP	JL1RUC	K2PK
131	K4TT	SK7AX	K1HAP	K3XO
DK7YY	K6XM	SM0BYD	K5KG	K4ZIN
G3UHU	K9ZM	SP6A	K8DV	K5GH
HS1NGR	KM3V	SP7ASZ	KA6BIM	K7UT
IV3KFB	N0YY	V51B	KI4WCQ	K9CS
IZ0RVI	N3KS	W0CP	LZ1XL	KV4T
JA2TBS	N3RR	W0RT	N2KA	N2ED
JJ1DCW	N3RR	W0YVA	N3EN	N4DWK
JJ1TEA	PY5EG	W3BG	N4JT	N6MZ
JM1FHL	W7QHE	W3MF	NA5C	N9JV
JR6FC	WE4S	126	ND5S	N9LQ
K5VIP	128	DJ8WD	NW6S	NA2P
KH2L	AA4SC	F8BPN	OE1AZS	S50B
N4QWZ	DM2RM	G4IUF	OH1ZK	UA3DK
N5PHT	IT9ZZO	HB9FMT	RA0BA	UT3QU
N6RK	JA2AHH	IK8GYS	UN7JID	W1AO
NA5DX	JA2KSP	IZ7EVZ	UU7JM	W8NJR
NN4R	JA9AA	JA7KY	VE3UTT	WB8K
ON4ON	JE1LFX	JJ1DWT	W5DAW	XE1H
R0SR	JJ4POR	JL1UXH	W9CG	122
R9MJ	K0FF	K2ZD	YO2RR	G3NDC
R9SA	K3XA	K4JKB	124	HA1RB
W8DCH	K4JAF	K4XU	AA7XT	JA1MRM
	K4SE	KC2LSD	IK3VBB	K1YT
130	K6LPO	LB7ZG	JF2WXS	K2MP
DF9ZW	KG7CW	N8NA	JH4JNG	K7ZA
E73M	LB5WB	OK3CQD	JJ1DHY	KR0P
EI2JD	N5KM	OZ1IKY	JR2LJO	LA7WCA
G7VJR	R9SG	PA5TT	K1UU	LA8PT
HK0HEU	S53X	S51NM	K4ZO	N9AW
JA2FBC	S55DX	SQ5EBM	KD4POJ	NA9RB
K2MYR	SM3GQP	VE3CX	NA2U	NN7X
K7LFY	SV3DCX	VE7BV	PA0TCA	OE3SGU
K8BCK	VQ9LA	W8MK	PA3EWP	OZ3Y
K9GL	W2WC	W8REW	UA0BA	RD4A
N3MK	W4IS	W9ILY	VE1DUN	UU4JMG
NA4EA	W6RKC	WB0O	W2JU	VE6AX
NO9E	W8MET	WB2REM	W2RIJ	W8LMG
OZ2ABI	ZS1A	WD4LBR	W3FM	
R3VA	ZS6UT	XE1KK	W6CYX	

121	W3OA	K9DR	W8ZR	RZ6MJ
AA6RR	W4PRO	KD6UO	WA2USA	UA1ANA
CT3KN	W6RFL	LZ2HM		UA1CGS
DF1DB	W7RN	N2MM	116	UA6XT
DK1EI	WA3I	PY2PA	AJ4F	UN6T
DK6CQ	WV4TN	RN3TT	CT1FCX	VE3YF
F4GTB	ZL4AS	SV9COL	DL7URH	W1OPD
IK2SGB		TA2RC	EA5BRE	W5JMW
JA1SJV	119	VK4CAG	EI2GLB	W9XX
JH7RXU	AA3AZ	W1KSZ	HA7PF	WA7BNG
KD8RQE	AJ4A	W3RJW	IK0EIE	WP3R
KG9Z	DK3GG	W4DAO	IK2OHG	YL2CZ
N1JP	EW4M	W4NF	IT9TQH	
N6HC	G4DJJ	W4NJ	IV3HYD	114
SV1AHX	HB9AAQ	WT4Q	JA1WTI	AA4DD
UQ1GWW	HB9BCI	YO4AUL	JG1DUZ	BA4DW
UT4EO	HB9CQK		K1DC	BA7IO
UU2JQ	I2TZK	117	K1RI	CT3FN
VA3AYA	I4MKN	9Y4VU	K9SG	CU3AK
W2GG	IU0LFQ	AE0P	KT1V	DL6NB
W2TB	JA3AZD	BH4IGO	PA0JSE	F6CWA
W6XI	JA4XGC	DL1DWT	RV3ID	G3SDL
W9YE	JH6CDI	IT9AAI	TZ4AM	HK3PJ
WA1PMA	K5UZ	IT9DAA	UA4PCM	HP3TA
WY1G	K7EG	JA1HQT	VA7CRZ	I5OYY
XE1VIC	K8KWT	JA4FM	W1ENE	JA0AOO
	N0KV	JA7GYP	W1WEF	JA2KNW
120	N4LR	JA7IC	W7GG	JA4KDT
9A5F	N8PW	JE2JMV	W7OEV	JH1AGU
AC9EM	N9UA	JM3GXU	W8LRO	JH6WMJ
AL7TC	NT2A	JR2UBS	WQ5L	K1RV
DL2VWR	NY7T	K1BZ		K2DC
FG5FR	OH5NG	K2BB	115	K3MD
HB9BLQ	OK1DT	K6PJ	C6AGU	K3OSX
HB9DHG	R6FFB	K7PI	CU2CE	K5RJ
IZ0LKV	SV1ACK	K8OOK	DL9GOA	KB8U
IZ5NFD	SV1IW	K8QM	G4XEE	KZ4V
JH4GJR	W0QQ	KD2T	G8BCG	N1QY
JR6LLN	W0RX	KV4AA	G8DX	N2JJ
K1ESE	W4HZ	N2BJ	HA5UK	N3MN
K2BA	XE1RCS	N3ND	HB9RYZ	NU8Z
K2HK		N3NR	IZ7JVR	UA3FT
K3QIA	118	N4IR	JH1RFM	W0VX
K6FW	5T5PA	N4TL	K0GD	W4TUN
K6SIK	AB2E	N6MB	K0SD	WA1FCN
KA8ZPE	AE3T	N8AA	K4CMS	WA9YYY
N0OK	AG1A	N8XI	K4GHS	XE3ARV
N4BAF	DL5OCE	NY4G	K4GK	
N4TB	JA4FHE	SM7BIC	K5XM	113
N4UFP	Ji8DGO	SP6JIU	K8YTO	9A1A
OE3EVA	JN1RQV	SP8HKT	KO8SCA	BA4RF
OZ2A	JR3UIC	UA6J	KV1J	DJ5DT
PZ5RA	K3WGR	UB3A	LY4T	DJ9RR
SP7ITB	K4CNW	UR9IDX	N0IRM	DL8CM
UR5IKN	K5JC	US1CT	N4OA	DL8DYL
US0YA	K8LN	W4ZRZ	N8KOL	EA5KA
W2YR	K8WVA	W6SL	PA3AXU	G4AFJ

JA0GCI	JR7TEQ	KM1R	NY4I	108
JA4ITW	K0JPL	KZ0X	OZ1LCG	AI2Q
JA5WIZ	K0TPP	LA0CX	RD9M	AL7R
JH1ORA	K1KO	N4WJ	SM5BHW	DL6CNG
JH3GCN	K4UAS	N7BD	SV1VS	ER1LW
K8SL	K8CC	N9HF	UA3O	G3VAO
K9GWH	KB2FCV	NA1DX	US7MM	HB9BAT
KA4RRU	KI4DLS	UR6QA	W0UY	HB9CEX
KH6DX	KM1C	UT1UY	W3XY	HB9FAN
KI0G	KM3T	VE6KC	W4DC	IK0PRG
KT1J	LA8HGA	VE7CT	W4NE	IZ0BTV
N4DJ	N6MA	VE7UF	W5VY	JA2MOG
N4IQ	N6PE	W3FOX	W5ZPA	JA3NHL
N7KO	RU4SU	W4HOG	WB4TDH	JE2UFF
NA3F	SM3DMP	W4OX	WL7E	JI4WAO
NI5F	UA1ACG	W5AQ	YU7AU	JJ2PIK
NK5B	UA1CEI	W7VS	ZL3NW	JK1MZT
R7NA	UT6UD	W8KA		JR7FRW
RA4UN	VE7XF	W8MIL	109	K1XM
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SM5ARL	W2CVW	WA2BOT	EA3GHZ	K4WY
SP3EPG	W2SKI	WA2MUA	EU4T	K6UT
SV1FKZ	W3MR	WB9EEE	F8EZE	K8OM
SV1JFV	W3UL	YL3DQ	G3SVD	KM8AM
SV2AVP	W4VHF	YO6HOY	J68HZ	KN4JX
UN7TW	W5VX		JA2CXF	LU2DKT
VE3KI	W6TC	110	JA4BXL	N1BZ
W2GW	W8GEX	CU3AN	K2ONP	N4MEC
W6BK	W8HMK	DG7RO	K4RDU	N6RFM
W8FAX	W9SE	DL1VDL	K5KA	N9TF
W8FIB	WA8MCD	EA5BYP	K6MW	PA0ZH
W9VNE	WA8OLN	F5BAR	KC2STA	R5FY
WA4DOU	WT9U	G3LNS	KE1F	R7LA
WB2HJV	ZP6CW	G8AJM	N8NN	RX6DX
WB2UFF		HC1BI	N9ISN	S57J
WS4C	111	HL3GOB	ND4V	SM6AOU
WX3P	AA4U	I2BBJ	NN4RR	UX7UN
XE1RBV	AB4GE	IK5RUN	NU4I	UZ6LWZ
ZL1BYZ	AF4OX	JA1OVD	NX7U	W2UB
	DK2WH	JA9KRO	PY5CC	W3NRJ
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A92IO	EV1R	K1EO	RW9QA	W6KK
DJ1RL	G3PLP	K3JRR	RX3AGD	W7ACD
DK5RL	G4DBN	K3PH	TG9NX	WA2ALY
DL5CL	IU8FRE	K4WW	UB5ZAL	WA8MOA
EA1JO	JA1AUD	K5WAF	UT7KF	WC1M
EI8IU	JA1FGB	K6VKO	VU2CPL	WD9EQU
EW1DO	JA1NCZ	KB4MRX	W0VHF	WW1WW
G3XGC	JA5FDJ	LZ1PM	W5WP	
HB9CRV	JE2EHP	N2CG	W9FI	107
HB9G	JE8TGI	N3HBX	WB5TUF	4Z5LA
IK7YZG	K2HAT	N3IQ	WC2K	DJ8ES
IZ4DIW	K3FRK	N3JB	WN0L	DK3FB
JA1SXR	K3NF	N4KE	XE1FAS	DL2CHN
JA2HYD	K5CD	N5BO	YV3AGT	DL5XU
JA7BXS	K7ORK	NC6K		DO4DXA
JG3LGD	K9AJ	NG0G		EA5AT

EA7QW	JE6IGP	G3YUV	F8GB	W3TMZ
FG8OJ	JG3HBO	HA8FW	G3BRD	W5CWQ
G4AKY	JG5RVQ	HI8RD	HB9CIP	W5GJ
G4RGK	JH2KKW	JA1BWA	HK3O	W5ZO
HB9EFK	JJ0NCC	JA1TAA	IK0DWN	W6PH
I5IHE	JR0EQQ	JA6VA	IW0HEX	W7DR
IT9XTP	K0DEW	JA7BME	JA1SDV	WA0I
JA5EY	K1PX	JA8RRF	JA2FGL	WA9ETW
JA8JTH	K2CJ	JA9APM	JF1EGO	YC0LOW
JF2WGN	K4DSE	JF1RYU	JF6WTY	YO5ODE
JH9DRL	K5AM	K1DJ	JK1BSM	
K2MK	K5ZQ	K2XF	JO1WXO	103
K3SW	K8JJC	K5AV	K0MD	AG1I
K3YBN	KQ3F	K7OX	K0WK	AI3Q
K5FZ	N0JZ	K7PO	K1BG	DJ1MM
K5KPE	N2CW	K9RO	K1EP	DJ7PI
K8LBT	N2WLG	KI5T	K2BLA	DL2HX
KE2R	N3XM	KT2E	K3FM	DL8YRM
N2RR	N8AID	LZ1JZ	K4KEW	DM5TI
N3DAP	NA5Z	N4JI	K4MF	DS3HWS
N4RF	NI5M	N4NW	K4VIG	EA7SG
N6EE	NS3L	N4SC	K4YJ	EU6MM
N8AGU	NU4Y	N4VN	K5HK	EW3LB
NA5Q	OE5CSP	N6NU	K6UM	G3BDQ
OE1CP	OK1AYU	ON7PQ	K7TJR	G4AAW
OK2BUZ	OK2BVG	OZ4AAL	K9EA	G4PUQ
OK3CQR	S57AL	PF7M	KA2BZS	G4VGO
R0FA	UR3CRO	PJ2/K8ND	KH6KG/W5	I0OSI
RN4AA	UT7UU	PY2DS	KI0KB	IK2ANI
RV6ARZ	UU5WW	R6YY	KK9H	IZ0CKJ
SP3BQD	V73AZ	RA6AF	KW0A	JA2GQO
SP6AXW	VQ9SS	RD4WM	KZ1W	JA2OLJ
US5CB	W1CWU	UA6LCN	N2SQW	JA8EJO
VE3OI	W2EQ	UR1RWX	N3ER	JH1DGQ
W3KB	W2LE	UR2RGN	N3TR	JK1EXO
W4UCK	W2NO	VE1PZ	N4TTE	JM2RUV
W6TDX	W3ICM	VY2ZM	N8MZ	K2UVV
W8VK	W4IR	W1LY	NJ9C	K4LQ
W9CPV	W5JAY	W4OWY	NN3Q	K5JUC
WB8ART	W8IW	W5KI	OH2OT	K7BTW
WS1L	W8OP	W6FF	RA1QX	K8CCV
XE2YWH	WA4MYO	W9HBH	RU3UR	K9MUG
YL1XZ	WA6TLA	WQ5W	RZ6DX	K9XJ
	WC6DX	YU1NR	RZ6LB	KE1IU
	YL2GN		SM5CCE	KJ4R
	YU3EF	104	SM7CQY	KJ7WY
106		9M2AX	SO5AS	KM9E
AA4FL		AD1C	UA9FGJ	KP4AA
AA5JF		AH0U	US5CAO	KX2A
AE2U	105	CP8HD	UT4EK	LX1DA
DJ6OZ	DF2PI	CX3CE	UT7EC	N0RU
DL1QQ	DF8AA	DK3BK	UX4UM	N1HOQ
DL2NOM	DJ3XD	DL4FAP	UY0MM	N9BBQ
DL3JSW	DJ6KH	DL7UPN	VE3VHB	N9SF
EA3CCN	DL4ZAB	E73D	W0YBS	OH3GD
HA8DZ	DL6JZ	EA8ZS	W1QA	OK1DQT
IW3GJF	DL6XK	F6AJA	W3DRY	OK2BQU
JA1VLK	DO1CTL			
JA2MNB	ES1GO			

OK3BRK	K1PTF	101	N9DR	100
OZ7JZ	K2LP	AA2VG	N9JCS	9M6YBG
PA0GMM	K2TK	AA3LX	NE1F	A41ZZ
R9GM	K3KG	AA4NU	NK7C	AA4AK
RA0FA	K4AQQ	AC5O	NX2X	AB4VV
RA4HT	K4KAY	AC9S	OA4TT	AC4VM
RK3QY	K4MS	CT1JGA	OE3WQB	AG4Q
RU3OW	K5ZO	D44BC	OH3TY	AI2S
SM3CBR	K6DJ	DH2FW	OK1PGF	DJ6OI
SM6EHY	K6MI	DK9WI	OK2BOB	DL1HRN
SM7BHH	K7BHM	DL1KS	OK3EY	DL1TPY
SP5JXK	K7UA	DL3ANK	OK4MM	DL9GTB
UA3PFN	K8BHZ	DL5JS	ON4LG	DU7ET
US2WU	KB9DAK	DM3ML	OZ5HP	EA2AAZ
UT2AB	KG8CW	EA1WX	PA4WM	EA3ALD
VA2ZO	KJ6NZ	EU1TT	RA3AH	EA8AXT
VA3IC	KN4KL	G3ZFC	RA4P	EC5A
VE3EDY	KW4BY	G4FJK	RA4SD	EI9E
VE3MFA	KY6R	GM3WTA	RB7GG	ES5NC
VE3VV	LA3ANA	HB9NL	RK9F	F6ECI
W0UVC	N5RZ	IV3GOW	RY6M	FM5GU
W1CTN	NZ3M	IV3KCB	SM2DMU	G0VXE
W4AVY	OH2EA	JA1VVX	SM7NDX	G3OIL
W4MZ	OK1DTN	JA2VMU	SP7JLH	G4CGG
W5THT	OK1JDJ	JA6TMU	SV1PL	GM3ZSP
W5VU	OK3CSQ	JA7SFD	UA0FDX	I2VGW
W6SZN	ON5UE	JF1RPZ	UG6GAW	IK0HFO
WA4CEM	PA7TWO	JH3HGH	UR7CQ	IK4MSV
WB8BZK	PV8ABC	JH3PRR	UT1CC	IK8UHA
YO7APA	PY2DO	JI3KDH	UT4IS	IS0/YO3RA
	R2AB	K0LW	UT7HA	IW0BYL
102	R3IS	K1YR	VE2OJ	JA1BRK
A6/RV6LNA	RU3UN	K2BX	VE3XB	JA1CPU
CT4BD	SM6WET	K3SEW	VK2GR	JA4FSH
DK3QM	SP5MXZ	K6AAW	W0QC	JA5DQH
DL3DXX	T77V	K6XJ	W1AW	JA9CGW
DL3NCR	UA1AIR	K7AR	W1FC	JO4CFV
DL4CW	UA1CKC	K7IA	W1GF	JR1BAS
DL4KUG	UA6HOF	K8BN	W2SF	K0FLY
DL5RDI	UA9MR	K8ZR	W3HKK	K0XM
EI4DQ	UA9UCO	K9JU	W3WH	K1NA
ES5RW	UW7CN	K9PG	W4BUE	K1NZ
F6BWO	VE2FYR	KC4PX	W4PM	K2CBI
FM5WD	VR2MY	KD3UY	W4WT	K2CYE
HB9AHL	W1MRH	KE1VT	W7AV	K3TZV
I8LWL	W1PV	KE4S	W7CB	K4FT
IT9SFT	W2LW	KF7NN	W8GB	K4KSY
IZ4MJP	W2TX	KN6J	W9DX	K4SAF
JA0HXV	W3EKT	KQ1F	W9MAF	K4UQC
JA4EVN	W4ALF	LA2GV	W9ZCL	K7VIC
JA6OXT	W5TO	LZ1XZ	WA3EKL	K8BZ
JA7EPO	W7IUU	LZ2XF	WB3HLH	K8CR
JA8OW	WA0IDK	N0STL	WC4H	K8CS
JH3AIU	WD8DSB	N2AJ	WK9U	K8LE
K0EEO	WS4Y	N5AQ	WR2G	K9NZ
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K1EDG	ZL3RJ	N8AG	YV4DYJ	KC0V

KC4D	S53MJ
KC5LT	S59DJK
KD8BZY	S59SV
KP4N	SV1VJ
KQ5M	SV2DSJ
KS4XQ	UA3AKI
LA6UL	UA4PAY
LA8W	UA6CEY
LU5OM	UN6P
LU5YF	UR4CW
LZ3YY	UR4LRG
MM0SJH	UR8IDX
N0AH	US8UW
N1KI	VE1RGB
N1MD	VE3OAT
N2DPF	VE7JKZ
N2SG	VP2VA
N2XQM	VR2PX
N3AF	W0GYH
N4CRI	W0MU
N4ZR	W1AN
N6PF	W1YRC
N7DED	W2CCC
N7TK	W3BBO
N7TY	W4HHN
N8IL	W4OV
N8NB	W5BK
N9ADG	W7DT
N9PGG	W8CNL
NA6O	W8FN
NA9Q	W8GDQ
NB3R	WB4SON
NG7A	WU2M
NJ3I	YB1TJ
NN4SS	YL2SM
NU1T	YO2OXD
OE5JDL	YO9FLD
OH4UI	ZP9MCE
OK1DXD	ZS2DL
OK2PAZ	
ON4ANN	
ON7EH	
ON7GB	
ON9CC	
OZ1ZD	
PA0INA	
PA7RA	
R3PJN	
R9JX	
RA3SD	
RA4LW	
RA6XB	
RC2A	
RL3BZ	
RN1A	
RT5A	
RU3GF	