

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 30 Sep 2020, 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 ON4UN R4GM	W2VO W3LPL	W3GH*	301 DJ0MDR DL9KR N1RJ S54E YU1FW	296 DJ2BW G4PWA ON5NT W1JZ
340 K1ZM	324 K2TQC UA4CC	315 EY8MM OH3SR S50U	308 K5RK K8GG N1DG SM6CVX W5IZ	300 F6BKI G3KMA GM0GAV GM3YTS I2ZFD JA7NI RZ3AM VA3EF	295 F5NTV OE1WEU UA6A UT5UGR
338 W4ZV	323 K9UWA OH2BO	314 IK4GME IK4WMA OK3GU OZ1LO PE5T UA4CR	307 DJ7MI KJ9I		294 JA4DND N4CC RJ3AA SM3GSK SV8JE
337 EA8AK	322 SP5EWY UX0UN		306 4X4DK I4EWH IK4MGP IV3PRK K4CIA K4SV SM0AJU	299 K1UO NN4T W7UT	293 DF2UU K3UA KV4FZ LA5HE OE6IMD W0FLS
336 W4DR	321 K5NA W1NG W3UR	313 NX4D OZ7YY RW2A			
334 N4WW VE1ZZ*	320 W8UVZ	312 OE3GCU W1JR	304 N4IS N4JJ* WT3Q	298 IK2DFZ K4TEA N3XX OZ3PZ PA3FQA SM5CEU	292 OM2XW OZ1BTE R7FK SV1AOZ UX1UA W3YX W8TOP
333 OH2BU R7LV	319 N0XA S50A SM4CAN WB9Z	311 DJ6RX G3PQA GM3POI RA7A	303 F5LGE K9QVB OH5VT VE3EJ	297 CT1EEB DK5PR JA4LKB SM3EVR SP3EPK W0CD	
331 UR0MC	318 K8MFO	310 SM5BFJ SP2FAX	302 DL4MCF K4ZW UT3UA		291 JA4LXY KD9SV
330 UT7QF	317 I4EAT W9ZR	309 DF3CB DJ9KG I4AVG			
329 AA1K HA0DU LZ2DF UA4HBW	316 K4PI				
327 K3UL K5UR OH1XX					

290 JA1BK JH2FXK N4RJ UA3AKO UA3LAR	W8AV	K1CP K8KS K9CT OK1AWZ SP3IBS	IK4CIE KG4W N9IW OH3BU W1ZC	261 DL9YX HB9AMO K2EK N6SS US5WE	EI7BA G0DQS IZ1ANU KD5M RU3FM S58Q SP9FKQ W0YG YO5BRZ
289 DF3GY G0JHC N0TB RA3DX RX4HZ	282 DL1YD I0WDX I5NPH N2LT N3SL N4KG* N8DX SM3NRY SM5AQD SM6CTQ UY5ZZ	275 9A1CCY IK4DRY N8RR UA3AB UW2ZM W2OKM	268 DL5DSM DL7VEE G3WPH JR2KDN K1ZZ K4SO SM5DJZ* W1MK	260 AA6YQ K4DY K5KC SP6CIK UR5WA W8TE	252 EA1DR K0KX K4XP K8FL LU8DPM N0AT W3DF W3UM
288 DL1AMQ N1BUG PA3GCV RA3CQ SL0ZG SP3E UA4LY	281 DF2PY G3XTT IZ0AEG JA2PJC JH4UYB S59Z W4TO W5ZN	274 K4IQJ R3OK	267 ON7TK SP9DWT	259 AA4V R9FM	
287 DL1RWN JA3ONB SM6CMU W4PK	280 W2YC	273 G3TXF HB9BGV JA3FYC K2CL RA3DA SP3DV SP6AEG UA3DPM	266 9A2EU IK8HJC R3LA SM6CCO UA6MF W8XD	258 AA7A DF4PL RN3CT SM5KNV VE3QAA	251 DJ7RD DL9RT JH0BBE W5UN W7LR WA4FFW
286 G4BWP LZ2JE PA0WRS S58T SV1FJA VA3DX	279 N2TK NO3M SM4DHF SP7VC SV8CS UT7UW W0BV	272 9A7V DK5WL DL1DUL JH4IFF K5BG KF2O	265 CT1APE NJ6P	257 DJ9VA EA5BM G4OBK I2AOX K1GUN NN1N W9YSX	250 HB9RG K5XI OZ8BZ
285 K3SX WK3N	278 DK0EE EA6NB SP6HEQ	271 EU7A G4GED JR7VHZ K2UO SP5CJQ W6UB	264 9A2AJ NR1R RV3LO UX1AA	256 9A5CY K1QX K5VRX K6ND MD0CCE PA7MM W1GL	249 AI9L I1FQH K8PT SP5DRH
284 IK1GPG JA2JPA R7NW US4EX W0JX WD5COV	277 AA4MM G4CCZ K4WM SM6CNN	270 F6AOJ K5DU OE5KE OZ1CTK RY9C	263 DL2OE K9OW RA3XDX W3AP YO3APJ	255 AA1V K4QL KX4R N2MF W5OZI	248 JA5EXW K5RX NQ1K RK4FD T77C VK4MA W9NGA
283 DJ2YA N2QT NA0Y	276 F6BEE G3LZQ HB9BIN IK5BAF	269 F5NBU	262 JA5AUC K4UEE KR9U VE2TZT W1YY W2SM	253 CT1EKY	247 JH1GZE K5ESW NO2R R7IA

UX4UA W1TSP	K0IEA K1ZG PA4VHF TF4M W9XY	233 G3ZSS IZ4BEZ JR3GWZ K0CS K1FZ K3SWZ UA4HAU YO7LCB	VO1HP W9IXX	K9NR N2WK RT6T W3KX	JA8CDT K0EU K1LT K5UO VE6WZ W5PJR
246 DJ2TI IK6DLK K6XT N6TR W2TQC	239 JA1HGY JA2VPO JR3IIR K0JUH KH6AT LY3UM NO8D SP1S SV1ELF UT7UJ WX4G	232 9A4T K2AZ LA3MHA NI6T R5DT SM3VAC UA3AP VE3XN	227 AB4I ES1RA IK0HBN IK0XBX JA5MHD K1FK K3NW YO9HP	222 AB0X JH1HGC K6EID N8PR SM0CCM W7KW	217 K5PC K9RX N9BX UA3AGW
245 IK2YCW JA1GV N5DG N9US RY7G WB3AVN	238 DK3DG DL8WN F2JD N3NT ON4IQ UA3TT	231 4X4NJ EA4KD HA9RE K9NW KA7T N7NG ON4ACG S57A W5XZ	226 AI0O DL7HU JA0CRI JA1UQP JI1BEX K2FF LA2XPA ON4AOI UT5JAJ W7AO WB6RSE	221 IV3ODE JA0FSB JR6EZE N6JV N6VR SP9JZU W1ZK W6JRY W9BF	216 AC4G K4MWB K9FD/KH6 OE1ZL RZ0AF W6XA
244 DK6WL JQ3DUE RW0LT SV8BHN UT9FJ	237 DL7MAE K0KT K1VW* OM4EX SP5DIR W4YO*	230 IK0XEZ JA0DAI JA1CMD K2UU N8JV SM3NXS W4GF W4VQ	225 A45XR FK8CP IV3YYK JA8EAT K1MM K5AB KA9CFD N4CH OE5NNN RA0FF RA3QK RW3XZ VA5DX	220 AG8B HB9LCW HL5IVL JA1SYY JA6BZI KA1R KF0QR NI0G OK1DWJ SP8NR VE3EXY ZS4TX	215 F6BLP K4XL KD0Q N7JW NV9L S51DI
243 DK2JX IK5HHA JA5BZL JG3QZN KY7M N8TR ON4ATW	236 K1HTV K1JO KG7H OK2ZI	229 CT1FJK JA7QVI K1DG KC7V RO7T SP8AJK	224 K9FD K9ZO N8BM S52F SP5INQ VK6VZ W2RQ	219 G8VR JA2FJP K1AR K5EK K6TA N5AW OE8RT SP4K WA2UUK	214 AA1QD HL3IUA JA2JW K1AM* K3SV N5UL N6AR OE2LCM OK1DX RN7G SV1RK W4NL
242 DL4CF K7ZV PY2RO W9RPM	235 N6DX R7DX	228 AF9H DJ4AX NT0V	223 5B4AGN HA7TM	218 DJ4PI DK0PM I3BUI	213 DF2IS DL5WW EI3IO IK6FWJ JF6DSZ NA2M RU4SO RV1CC SK3PY
241 JA3EMU K3WW K5ZK N4XM N5TY N7RT SP5GRM VE1YX VE3CSK	234 I1EIS JF2MBF K4UTE K9OT N2NL PY1BVY VE7IG*				
240 AG9S					

W0LYI	W7KNT	203	K1DT	195	191
W1FJ	WA5VGI	HB9DDZ	K1GE	4Z4DX	JA5AQC
W2WG		JH0INP	K2NV	EA6VQ	N4DB
W3YY	208	JJ2LPV	K5MC	G3SNN	RA3WDK
212	AD5A	K4NA	K8AC	G3ZEM	RK2FWA
DF6PB	E72A	K4XO	K8ZH	JH2UVL	
DL9GFB	IK0YUT	K8EUR	K9MMS	JH4ADV	190
IV3JVJ	IK4DRR	N4NX	NN4X	K7SO	HB9DDO
K1ST	K2FU	OM3DX	RW4NN	K9RT	JA1DUH
K3JGJ	K8ZTT	PA0A	SV2JAO	KF8UN	JA1MCU
K8SIX	N5ORT	R6AF	W1ECT	N5JR	K2TE
KE9I	RU3ZX	W8UN	W3GG	W9OP	K3LR
KG6I	SM5JE*	WB8ZRL			K4FJ
N1ZZ	SP7GAQ		199	194	K9KU
N4MM	W6PJ	202	JA2DPC	IW1ARB	N5GH
SV8GFW		DL1MGB	JE1PNX	JA2NDQ	SP2LNW
UX0FF	207	DL2KQ	JJ3PRT	JJ2KXK	VE7VV
VO1NA	IK0MHR	IZ8FFA	K6GXO	K9JF	W2IRT
W3LL	JA8FKO	JA2XYO	N4DW	KC9ARR	W3UA
WA7NS	K1LPS	JA3CSZ	N7KA	LA7JO	
	SP3CGK	JA9PPC	SM6BZV	VE3BW	189
		JH3VNC		WS9V	AA9A
211	206	KK2I	198		EA1RT
EA1N	AB3CV	LY1G	DL1ROJ	193	EA8PP
JA6LCJ	AJ6T	OK1DOT	G3UJE	DK2NG	FM5CD
N1LN	JA4DEN	R9TO	W0MHK	DL5ZB	JH1IFS
N5KD	K2VV	UN5J	W1TO	DL6ZXG	K9EU
ON4GG	K5AQ	W0UO	W8HB	HA5BSW	UA7T
SM5CZQ	OZ4O	W2HUV		JA1EOD	W0FS
W6YI	UR5EDX	W8GC	197	K3JT	W0GJ
YV1DIG	W0VTT	ZL3IX	K3KO*	K5EJ	W5DM
			OE4PWW	N1SV	
210	205	201	OE5FIN	N5ZM	188
I8SAT	HA1RW	DL1EJA	ON4CD	N9EN	9A2NA
K0MN*	I4LCK	JA2FBY	RZ6FA	PA0LOU	F6DAY
NX0I	JA3AAW	K3HP	W0DD	RN1ON	JA1ANR
RL9F	JF8QNF	K4HB	W0LS	UA0SC	JA1KQX
W2LK	K8FH	N9AU	W5TCX	W0RI*	K5RT
W7JW	YU3AA	PY2XB		W2LO	KM1D
WS6X		W1TC	196	W9MU	LA5IIA
	204	WB9CIF	AA4HP		UA0SR
209	DJ5AV	W18A	I4KDJ	192	W6SR
DL5CF	JH2TPI		JA2IVK	AA5AM	WA2VYA
K3WA	KG9N	200	JF2KOZ	AD8P*	WA6YEE
K4MQG	KK4SI	DJ5FI	K4JJW	IZ1LBG	WF4U
N4II	N0AV	DJ8NK	K8PO	K3FN	
ON6YH	N7FU	IK3VUU	KP2A	K4KDX	187
VA2WDQ	PY2BW	JA1GTF	RA9CMO	K5XX	9A2F
VE1DX	R5AJ	JA3PIS	RU3QR	KC6AWX	AJ1H
VE3LYC	US6EX	JA7MSQ	W2FCR	RN3QN	DL7BA
W0AIH*	WD8PKF	JF3KON	WA2HZO	UT7UV	G4BUE
W0ZR		JH2RMU		W8LGJ	HB9CXZ
W6PBI*		JH7PFD		W9EWZ	JA7JWF

K0SR	181	176	W7FI	N4XX	DK1FW
K9LA	JA2JNA	EU1AB	WE9R	NE1B	DL7UCX
KN5O	KV7K	I6FLD		W7BEM	IZ8VYU
N2NS	N8LJ	JA6BJV	172	W9OO	JA1ADT
ND0N	OE2BZL	JE2URF	G3NKC		K4CN
OK1CZ	UR5FEO	K5KLA	JA0GJJ	168	K4XD
W7AWA	VE3OSZ	K8MN	KA9FOX	G3MXJ	K5JZ
W7DO		K9US	KJ0M	JE7JDL	K6FG
W8JV	180	LA5YJ	SM5FUG	K5QY	K6ZZ
	IF9ZWA	N4PQX	W1RM	K8RYU	K9YC
186	IK2QPR	RM0F	W3YQ	KB0EO	KK4CB
7M4HXF	JO7WXN	W4BP	W4FC	N7US	SM4CTT
AG4W	K6SSS	W4GD	W4FQT	N8BJQ	UY1HY
K7LAY	KB9LIE	YO2DFA		SP5GH	W5BN
	N4AH		171	UY5AA	
185	N8DJX	175	JA6HUG	W4SVO	164
AB6QM	ON5FP	AA1ON	JR1TNE	W4UM	DK2LO
EA6BF	ON6SAS	EA3JL	K1GG	W6VX	HA7UW
G3KWK	RA1QD	JA1CHN	K2FL	WA5YNB	HB9BZA
IK7NXM	UA0CA	JS3CTQ	K4WS		IK3SWB
JG1ULJ		K4DLI	K4XR	167	JN7FAH
N4TJ	179	K7BG	N4OGW	DK5AD	K1BD
N5UR	DL9MRF	SM6DHU	SM7GIB	K1NU	K2KA
N9LB	JA9NFO		UA1OMS	K6KO	K4JLD
RZ4FO	K0BJ	174	W8UV	N0IJ	LX2A
SV1DPI	K5ZD	JA0DET		N0RN	N7RO
UA9CBO	K8WK	JA2XW	170	N1RR	W2OR
W0EWM*	MM0EAX	JF7DZA	DJ6TK	RA1AOB	W4NS
	OK1MG	JH1QAX	DL6KR	RN9N	
184	SM4DDE	JK1OPL	HA5WA	S51EC	163
9A8A	VE3DZ	JR6PGB	JA6JPS	W1YM	IW0SAF
JF1NZW	W2YJ	K2PLF	JM1GYQ	W1YW	JA9FPI
K4HGX	W8TN	K3PA	K0DEQ	WA3AFS	JG3IWL
KB1EFS		K4TR	K1NTR		K8TL
KB4ET	178	LA9AJA	K4ODL	166	KB8VAO
N4QS	AB4IQ	RN7F	K8VC	4Z1UF	N4QQ
S57AC	JA3RAR	UA3LNM	N5LZ	DJ4SO	PA3C
SM0NJO	JA4MRL	UT2UB	NK1K	IV3TDM	W0DJC
US0KW	JA8DNV	W1NT	OE1WHC	IZ8FWN	W7AL
	K2EP	WT8C	OK1DWC	JA1FNA	WA0MHJ
183	LA3WAA		SV3KH	K3KY	WA3C
IT9INO	SM7DLK	173	US8UA	K4PB	YL2TW
OZ1AXG	SV1JG	DJ9ON	W7MEM	K7GM	
RZ3DX	UA9FAR	DM2DXA	W9EVI	K8NK	162
W2FP		F4BKV	WN6W	N7IR	CU2DX
W8NW	177	I5KKW		UR3EO	F3AT
	9H1SP	JA5IU	169	W1RR	HK3W
182	AE5E	K8RRT	HA9PP	W6NWS	IK4PLW
JA1SHE	DL9DRA	K9YY	IK0FVC	W8ILC	JA2BDR
JA2WYN	NE0U	KA1J	IZ5MOQ	WA8TXT	JA6GIJ
K6SRZ	W5LT	N5FG	K0JGH		JA7ZP
KF7PG		N5OK	K1LI	165	JA9LJS
UT5UT		VE3FF	K2UR	AA9D	K1KI

K1NJ	158	WX0B	JT1CO	OZ3SK	146
K4ZYU	DJ4PT		K0KVR	UA6YW	EA3KU
N5WA	DL1FKA	155	KS3F	W2XL	IW2FND
N8MR	JA1XEC	4Z5MU	N9RC	W6DAO	JA1HQG
VE3CFK	JF4VZT	DL1RK	RL3FA	WA1Z	JF2XGF
W0HT	JJ1FXS	I2ZGC	S55ZZ	WB8BPU	JH1GNU
W1LW	JR1GJP	IT9ELD	UA6IGI	WD5BJT	JR9OPJ
WA4LOX	K5TT	JF1WPB	UT5AB	XE2X	K5SM
	K8ND	K3MSB	VE6LB		K7WP
161	RU6M	LA7GIA	W2RS	149	VE6WQ
DK2GZ	SM4EMO	NW7E	W5DNT	DL7CX	W1IZL
DL6RAI	W1OX	W8WEJ	W6RLL	IK0PEA	W7YAQ
JA0EOK		WP4U	W7AJ	IK2EGL	W8KEN
JA1DOF	157	ZS6EZ	W9RN	IK4FNF	
JH4CPC	4Z5CX		WB3CQM	JH7IAJ	145
K8FC	AA4H	154		JL1ARF	G4GIR
LB8DC	EA5RM	4O3A	151	K4YYL	JJ3HGJ
OH6RA	JA0UUA	EU1KY	3V8SF	K8ME	K1USA
SM2OAN	JA1GHH	GM3PPE	DK2OY	K9GA	K8BL
W0TT	JA3FGJ	JA1PPW	HL2CFY	N4HB	LA7AFA
WA7NB	JA4FKX	JA8NFV	JA6BEE	N5JB	RT0F
WC5N	JE2LPC	K2LS	JA9NLE	RA3DNC	W1ZT
YU2TW	JJ1NJC	K8NVR	JE1BMJ	UW7UA	
ZS5LB	LA5LJA	K9NU	K0TT	W0GG	144
	LB6KC	LA4GHA	K2FW	WB8B	EI6IZ
160	LY5A	PA7F	K7SP	YO3DDZ	G0BLB
CT3MD	NE9Z	W1NA	N4TV		GM3ITN
DL1DA	RA3ZH	W3GQ	OK1ATP	148	HB9BYQ
G0EHO	RU4UR		RA3AUU	AC6DD	IZ4DPV
JA2EPW	SM3PHM	153	RD3A	EA5BY	JA3GN
JE2OVG	SP1MGM	CT1FMX	S54A	F5CQ	K4OY
K9MBQ	SP3GTS	DL3ZA	SP7AWG	JR7BDQ	N3KK
KR4F	SV8ZS	G3TJW	SV9AHZ	K4WA	NI0C
N3BNA	W2TA	JF1IRW	W7RH	N2WB	NY0V
N7XR	W5GZ	JH2SON		N9FN	SM3DTR
SV1LK	W7TVF*	JH6QFJ	150	SM6CUK	SM4OLL
UA0FZ	WD8JJA	K5GKC	DM3VL	UA2FF	SM5CLE
W1BR		K8VFE	F3SG	W4DKS	WC5M
W8HC	156	N5TW	F6HDH	W5FIX*	WD5T
	AD5Q	N8II	IV3RAV	W5FKX	
159	EA3WD	SM6CLU	JA0VSH		143
9A4W	HB9DHK	SP5CCC	JA2NQG	147	DL6EN
CT1IUA	JE2LUN	UT5UY	JA6VQA	JA1XQC	HS0ZEE
GU4YOX	JF1PUW	W2XI	JA7MOL	JA2LCP	K0QC
K4RO	JO7HAM	W4QN	JF2UPM	K2AX	K5KV
K7NN	K8YSE	WJ4T	JH1RFR	K4RG	K7CMZ
RW7M	KS1J		K7LV	KM1H	N5UW
SP7HOV	LB2TB	152	K8AJS	W2KKZ	NR4M
UX5UO	N4GN	DJ9HX	KL0S	W7CT	PY5EW
W5XC	UA3SAQ	DM5EE	KU4XO	WB3JFS	R8TX
W6BJH	W1YIF	JA1RTX	N4XU	WW3S	TF3SG
W7SX	W4TV	JA9TWN	N9OY		VE3CV
WB7B	W8OI	JL1SAM	OE8SPW		W6RW

WA2BCK	139	W1VT	K1TO	YV2IF	W7JY
WB8ZRV	9A1CAL	W5LUA	LA6OP		W9JJB
WD9DZV	DJ4XA	W5ODD	N9RS	131	W9ZT
	DL5EBE	WB5JID	RG6G	AD6W	WA8WV
142	DL8OH		RN3OG	DJ9ZB	
G4FTC	IZ8IEV	136	RU0SN	HB0CC	129
I5HOR	K3ANS	AB9V	UA0ACG	IV3KFB	CT3HF
IV3VBM	K6AM	DL4MM	UY0ZG	JA2TBS	DK1WB
JA3ENN	KJ9C	EU4A	W2CG	JJ1TEA	DL5CW
JH1TWT	KU0A	IK8CNT	W2OIB	K6KLY	HB9FMN
JH2QMT	LA8WG	JA1PTJ	W4JKC	KD0PO	JA1NWD
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K8UT	SV8ZC	K0TV	ZS1LS	KX4TT	JA8JO
NA4D	W9XQ	KR6C		N4QWZ	K3OX
OK1DO		NE3F	133	N5PHT	K6XM
SP6EQZ	138	OK1DW	CX6VM	OH2BLD	N0YY
UN7LZ	DK8YY	OK1MP	EU1U	ON4ON	N3KS
UR4CWQ	EI9FBB	SM5OJH	JA4DHN	R0SR	N3RR
W2OO	EW2A	WD5K	JA7GLB	R9MJ	NA5DX
WA5POK	F6DDR		K2CDJ	R9SA	NJ3K
YO3CD	IK8EPC	135	K3VAT	W0SD	OE1TKW
	JA9APS	5B4MF	KU2A	W8DCH	ON4CAS
141	JR7MAZ	9A2JK	N5XZ	WB7QXU	SM3BCS*
DL5MHQ	K1RO	DK8MCT	OE1KM		W1EQ
EW1BA	K3TN	EA8JF	RV4LC	130	W7HPW
IK0FUX	K6NR	GM3YOR	UQ2PZ	DF9ZW	W7QHE
IK4ADE	N1CGP	IT9GSF	VE3WT	DK7YY	WW2DX
IZ3ENH	RW4CY	JA7LMZ	W0NFL	DL4SZB	
K1OA	UN9L	JA8BNP		E73M	128
K2RW	W1GD	JA8JL	132	F5LVL	AF4HX
N1IBM	W1SKU	K3PP	AA4NC	HB9IQB	ER0FEO
N3RC	W2YE	K7HP	AJ9C	HK0HEU	G3UHU
NQ7R	W3BW	N3OC	IT9BLB	I5MXX	JA2KSP
W1AX	W4YV	N4PY	JA3DY*	JA2FBC	JA2KVD
W7ZI	W7OM	RN3RQ	JA6CBG	JA2VQF	JA9AA
	WS7L	SM5CZK	JA9RRH	JA7LGE	JE1LFX
140		W1DIG	K6YUI	JN1BMX	K0FF
DF2GH	137	W2GD	K7FL	K1ZE	K3XA
DF2RG	DL5KUA	W4MBD	KE9ET	K2MYR	K4JAF
EI6FR	JA1SVP	W4RFZ	KF6HI	K7LFY	N5MOA
JH1QDB	JA2ATE	W4VIC	KI5BLU	K8BCK	OZ2ABI
K5WK	JA3APU	W5VQ	N1IX	K8NS	R9AB
N2WM	JE6TSP	W5ZG	N6HY	KR2Q	R9SG
N4GG	K2QMF	W6JTI	N7BT	N7WS	S53X
N9MB	K5TR	W8VVG	OZ2RH	NO9E	SM3LGO
OK2ZV	N2PK	WE1P	SM4BZH	OE6VIE	SV3DCX
ON7DR	N4XP	WS5W	SM6BGG	R3VA	UT3UZ
W6QUV	NY2NY	ZS1C	VE3CRG	R5QA	VQ9LA
W8LWU	RG7G		W4AXL	R9OK	W2WC
W8RLS	SM6VR	134	W4BUW	RU1AO	W4IS
YL2MU	UU1JA	F6FXU	W4RBO	VE3DO	W6RKC
	VK3HJ	I1JQJ	W4WM	W2MPK	W8MET
	W1ITU	IK4DCS	W5SL	W2QO	WO2T

ZS6UT	IZ4GWE	123	121	I4MKN	WT4Q
127	JA6VU	DL1DUO	AA6RR	JA3AZD	YO4AUL
CT1EAV	JE1TSD	HB0WR	DF1DB	JA4XGC	117
HB9SLO	JE3GRQ	IK3XJP	DK1EI	JH6CDI	5B4ALJ
HI3T	JE6UWU	JA0CRG	DK6CQ	K2HK	9Y4VU
JA1DDH	JH1NYM	JA3MHA	F4GTB	K4JKB	AE0P
JA1WLO	JJ4POR	JA7KY	G0OIL	K5UZ	DL1DWT
JA8RJE	K1HAP	JR1EBE	JA2AHH	K8KWT	G3LAS*
JS2LHI	KG7CW	K2PK	JA6WJL	K8ROX	HA1RB
K0RW	KJ6P	K5GH	K5VIP	KA6BIM	IK5DNF
K3NK	LZ1XL	K7XB	KD8RQE	N1EN	JA1HQT
KM4H	N2KA	K9CS	KM4NS	N1JP	JA4FM
LA0FA	N3EN	N2ED	OK2QA	N4UFP	JA7GYP
N1AC	N4JT	N6MZ	SM5CBM	N9UA	JA7IC
N1GC	N9MR	N9JV	UQ1GWW	NN2L	JM3GXU
N3QE	ND5S	NA2P	UT4EO	NT2A	K6PJ
N5KM	NW6S	NN4R	UU2JQ	NY7T	K8DV
OE8HIK	OE1AZS	RA3S	VA3AYA	OH5NG	K8OOK
S55DX	OZ1IKY	UA0BA	VE6SV	OK1DT	K8QM
SK7AX	RA0BA	UT3QU	W2GG	SV1ACK	N3ND
SP7ASZ	UU7JM	W3JX	W6XI	SV1IW	N4IR
V51B	VE3UTT	WB8CQV	WB8K	W4HZ	N6MB
W0RT	W3BG	YO2RR	XE1VIC	W5QP*	N8AA
W0YVA	W7AH	122	120	W9ILY	N8NA
W3MF	W7CD	DL7JRD	9A5F	WA1PMA	N8XI
126	W8HW	EA3GP	DF7EE	XE1RCS	NY4G
CU3EQ	W9CG	G3NDC	FG5FR	118	SM7BIC
DJ8WD	WB3D	G4WFQ	HB9BLQ	5T5PA	UA6J
EI2JD	124	G5LP	IZ0LKV	DL5OCE	VE7BV
F8BPN	AA7XT	HB9HFN	JR7WFC	JA4FHE	W0IZ
G4IUF	E70T	JA1MRM	K2BA	JJ8DGO	W1KSZ
JF3LOP	HK1MW	JA3OOK	K3QIA	K0BBC	W2JU
K2ZD	HS1NGR	JM1FHL	KA8ZPE	K4CNW	W4DAO
K4SE	JA4IYL	K1YT	N4TB	K5KG	W4ZRZ
KC2LSD	JA4OK	K2MP	OE3EVA	K5VWW	W6SL
KF8DX	JJ1DHY	K4XU	SP7ITB	K8LN	116
OK3CQD	K1KA	K4ZIN	UN7JX	KD6UO	AA7G
PA5TT	K2RET	K7ZA	W0CP	KG9Z	AE3T
PY5HOT	KD4POJ	KM3V	W1AO	KS4YT	DL7URH
VE3CX	KI4WCQ	LA8PT	W1OP	KV4T	EA5BRE
W5AJ	N2ZN	N3MK	W4PRO	LA9VFA	HA7PF
W6DR	NA4EA	N4DWK	W5ADD	LZ2HM	HB9AZZ
W8REW	NX8Y	N7QT	W6RFL	N2MM	IK0EIE
WD4LBR	SP6A	NN7X	W7RN	N3UA	IV3HYD
XE2S	SV5DKL	OZ3Y	119	N6PSE	JA1WTI
YU1EXY	VE1DUN	RD4A	9A1AD	N8PW	JJ1DWT
125	W2RIJ	UT5EL	DK3GG	PY2PA	K1DC
AA4SC	W3FM	UU4JMG	DK3UA	PY5EG	K1ESE
G7VJR	W6CYX	W5DAW	EW4M	RN3TT	K3WGR
GW3TMP	W9FR	WA9PIE	HB9AAQ	SM0BYD	K6SIK
		WB2REM	HB9BCI	TA2RC	K9MK
		XE1H		W4NJ	

KT1V	JF2WXS	WA4DOU	W6TC	G3LNS	K6MW
PA0JSE	JH6WMJ	WB2HJV	W9SE	HB9DHG	KE1F
RA5BM	K1ZN	WP4G	WA8OLN	HK3PJ	KL7RA
RV3ID	K2DC	WS4C	XE1KK	I2BBJ	N4BAF
S51NM	K3OSX	ZL1BYZ	ZP6CW	IK5RUN	N6PE
W1ENE	K5RJ			JA9KRO	N7BD
W1WEF	K8RF	112	111	JE3ENP	N9HF
W7GG	KZ4V	A92IO	AF4OX	JH1VHU	NA5C
W7OEV	NU8Z	DJ1RL	CT3KN	JH4JNG	NN4RR
W8LRO	PZ5RA	EW1DO	DK2WH	K1EO	R7LP
WA2USA	SP3FAR	G3XGC	DK6ED	K3JRR	RW4UU
WB0O	UA3FT	HB9CRV	DL5CL	K4TT	RX3AGD
WQ5L	W4TUN	I5OYY	EV1R	K6LPO	SP8HKT
	WA9YYY	IK0IOL	G3PLP	K6VKO	TG9NX
115	XE3ARV	IZ4DIW	G4DBN	K7UT	UB5ZAL
AA3AZ		JA1SXR	JA1AUD	KB8U	W5WP
AJ4F	113	JA7BXS	JA1FGB	N0OK	YV3AGT
C6AGU	9A1A	JE1FQV	JA1NCZ	N3HBX	
CU2CE	AB2E	JH1HHC	JH1RFM	N3IQ	108
DK3WW	DJ5DT	JR7TEQ	K0TPP	N3JB	AI2Q
DL9GOA	DL8CM	K0CA	K1RV	N4KE	AL7R
HA5UK	DL8DYL	K0JPL	K5JC	NA1DX	CT1GFK
IV3DXW	EA5KA	K1KO	K7ORK	NC6K	DJ9RR
JH4ALY	EA7TV	K3MD	K8SL	SM5BHW	ER1LW
K0SD	EI9JF	K4UAS	K9AJ	TA1CM	G3SVD
K4CMS	G4AFJ	K8CC	KM1R	UR5MID	HB9BAT
K4GK	JA4ITW	K9ZM	KZ0X	US7MM	HB9G
K5XM	JA5WIZ	KI4DLS	LA0CX	W0QQ	HC1BI
K7EG	JR6LLN	KM1C	N1QY	W0UY	IK0PRG
K8YTO	K4GHS	KT1J	N4WJ	W4DC	JA2MOG
KO8SCA	K8BKM	LA8HGA	UR6QA	W4GE	JE8TGI
N4OA	KH6DX	LB7ZG	UT1UY	W4NE	K1RI
N8KOL	KI0G	N2JJ	VE6KC	W5ZPA	K1XM
OZ8X	N4DJ	N3NR	VE7CT	WX0V	K2KQ
PA3AXU	N7KO	N4TL	VE7UF	WY1G	K4WW
SP2BMX	NI5F	N4ZY*	W0VX	YO9FNP	K4WY
UA1ANA	OH6NIO	N6MA	W2TB	YU7AU	K6UT
UA1CGS	R7NA	N6RK	W4NU	ZL3NW	K9SG
UA6XT	RA4UN	N8OC	W4OX		KK1W
W9AJ	RZ3AUL	RU4SU	W5AQ	109	KN4JX
W9XX	SM5ARL	SM3DMP	W7VS	AA4U	LU2DKT
	SP3EPG	SV1CNS	W8MIL	BA7IO	N1BZ
114	SV1JFV	SV3FUO	W9RB	DL2VWR	N6RFM
AA6AA	SV2AVP	SV9COL	WA2MUA	EA3GHZ	NA3F
BA4DW	UT8MM	UA1ACG	WB9EEE	F8EZE	NY4I
CT3FN	W2/CT1GIF	UN6T	YL3DQ	G8BCG	PA0ZH
CU2AP	W2GW	UN7TW	YO6HOY	IZ7EVZ	R5FY
DL6NB	W2YR	UT6UD		JA2CXF	R7LA
F6CWA	W4JAM	VE3KI	110	JN1RQV	RX6DX
G3SDL	W6BK	W1HEO	AJ4A	K2ONP	S57J
G8DX	W8FAX	W2CVW	DL1VDL	K4RDU	SM6AOU
HP3TA	W9VNE	W4VHF	EA5BYP	K5KA	US0YA
IT9DAA	WA1FCN	W5VX	F5BAR	K6EME	UX7UN

UZ6LWZ	W9CPV	W4IR	W2SKI	RA1QX	JA2FGL
VE6AX	WA2ALY	W5JAY	W3NRJ	RU3UR	JA2GQO
W2UB	WN0L	W8OP	W4OWY	RZ6DX	JA2MNB
W3RJW	WS1L	WA4MYO	W6FF	RZ6LB	JH1DGQ
W7ACD	YL1XZ	WT9U	WB2UFF	SM5CCE	JM2RUV
W9NIO*		WW1WW	WQ5W	SM7CQY	K2CJ
WA3I	106	YL2GN	XE1FAS	SO5AS	K2UVV
WA8MOA	AA4FL	YU3EF	YU1NR	SP3XR	K4KEW
WC1M	DJ6OZ			SV3FUP	K4LQ
WD9EQU	DL2NOM	105	104	UA3O	K5JUC
	DL3JSW	AC9EM	9M2AX	UA9FGJ	K8CCV
107	DL6CNG	DF8AA	AA4DD	US5CAO	K9MUG
4Z5LA	EA1JO	DJ3XD	AB1OC	UT7EC	K9XJ
CU3AN	EA3CCN	DJ6KH	AD1C	UX4UM	KE1IU
DK3FB	HA8DZ	DL6XK	AH0U	UY0MM	KJ7WY
DL2CHN	IZ5NFD	DO1CTL	CP8HD	W0VHF	N0RU
DL5XU	JA1VLK	G3YUV	DL1QQ	W0YBS	N4LR
EA5AT	JE6IGP	HA8FW	DL4FAP	W1QA	N6HC
G4AKY	JG3HBO	I2TZK	EA8ZS	W3DRY	N9BBQ
I5IHE	JJ0NCC	IK8GYS	F6AJA	W3TMZ	N9SF
IK2CHZ	JR0EQQ	IZ0BTV	F8GB	W4HOG	NA2U
IT9DSZ	K0DEW	JA1BWA	G3BRD	W5CWQ	NE0DX
JA5EY	K1PX	JA1TAA	G4RGK	W5ZO	NU4Y
JA8JTH	K3TRM	JA6VA	G4XEE	W6PH	OE3SGU
JA9AGN	K3WC	JA7BME	HB9CIP	W7DR	OH3GD
JG0CQK	K4DSE	JA8RRF	HK3O	W8FIB	OK1DQT
JK1AJX	K5AM	K2MK	JA0GCI	W8HMK	OK2BQU
K3YBN	K5WAF	K2XF	JA1SJV	WA6TLA	OK3BRK
K5KPE	K5ZQ	K7OX	JA2HYD	WL7E	OZ7JZ
KA4RRU	K8JJC	K7PI	JF1EGO	XE1RBV	R9GM
KE2R	N0JZ	K7PO	JF6WTY	YC0LOW	RA0FA
LZ2ZG	N2CW	K9RO	JH4GJR	YO5ODE	RA3CO
N2RR	N4IQ	KA8SYV	JO1WXO		RA4HT
N3DAP	N7NR	KI5T	K0WK	103	RK3QY
N8AGU	N8AID	KQ3F	K1BG	AG1I	RU3OW
NA9RB	NI5M	KT2E	K1UU	AI3Q	SM3CBR
NG0G	NK5B	LZ1JZ	K2BLA	AL7TC	SM6EHY
OE1CP	OE5CSP	N0KV	K3AJ	DF2PI	SM7BHH
OK2BUZ	OK1AYU	N4JI	K3PH	DJ1MM	UA3PFN
OK3CQR	OK2BVG	N4NW	K4MF	DJ7PI	US2WU
PA0TCA	RC9F	N4SC	K6UM	DJ8ES	VA2ZO
PA9RX	RU3DX	N4VN	K7TJR	DL2HX	VA3IC
R0FA	S57AL	ON7PQ	KA2BZS	DL8YRM	VA3LX
RN4AA	SP6AXW	PF7M	KH6KG/W5	DM5TI	VE3MFA
SP3BQD	UR3CRO	PJ2/K8ND	KW0A	EA7SG	W0UVC
UR9IDX	US1CT	PY5CC	N2CG	EU6MM	W1CTN
US5CB	UT7UU	R6YY	N3ER	EW3LB	W4AVY
W3KB	UU5WW	RA6AF	N4MEC	G3BDQ	W4MZ
W3MR	V73AZ	RD4WM	N4TTE	G4AAW	W4TMR*
W4ZYT	VQ9SS	UA6LCN	N8MZ	G4PUQ	W5VU
W6TDX	VU2CPL	UR1RWX	NA5Q	G4VGO	W6SZN
W8GNM	W1CWU	UR2RGN	NN3Q	IK2ANI	WE4S
W8NJR	W2GPS	VY2ZM	NU4I	JA1TMG	YO7APA

102	PY2DO	IT9RDG	SV1PL	HL3GOB	N3AF
A6/RV6LNA	R3IS	IZ8XQC	UA0FDX	I2VGW	N4CRI
CT4BD	RU3UN	JA1VVX	UA3DK	IK4MSV	N6PAT
DK3QM	T77V	JA6TMU	UA4PCM	IS0/YO3RA	N7TK
DL3DXX	UA1CKC	JH3HGH	UG6GAW	J68HZ	N8IL
DL3NCR	UA6HOF	JH3PRR	UR7CQ	JA1BRK	N9ADG
DL4KUG	UA9MR	JI3KDH	UT1CC	JA1CPU	NG7A
DL4ZAB	UA9UCO	K0LW	UT4IS	JA1XCZ	NJ3I
DO4DXA	UW7CN	K1BZ	UT7HA	JA4FSH	NJ9C
EI4DQ	UW8SM	K1YR	VE3XB	JA5DQH	NZ9R
EI8IU	VE2FYR	K3SEW	W0RX	JA9CGW	OE5JDL
F6BWO	VR2MY	K5FZ	W2SF	JH2KKW	OH2IS
FM5WD	W1PV	K6AAW	W3HKK	JH3CUL	OK1DXD
HB9AHL	W2EQ	K6XJ	W3WH	JH3GCN	OK2PAZ
IK0DWN	W2LE	K7AR	W4BUE	K0FLY	ON7EH
IT9SFT	W2LW	K7IA	W4WT	K1EP	ON7GB
IZ4MJP	W2TX	K8BN	W7AV	K1NA	ON9CC
JA0HXV	W3EKT	K9PG	W7CB	K1NZ	OZ1LCG
JA2OLJ	W4JVN	KN6J	W8GB	K2BX	PA0INA
JA8EJO	W5TO	KQ1F	W8VK	K2CBI	PA7RA
JG3LGD	W7IUV	LA2GV	W8ZR	K2CYE	RA4LW
JH4ADK	WA0IDK	N2AJ	W9MAF	K3SW	RA6XB
JI1DCW	WD8DSB	N2SQW	WA7BNG	K3TZV	RL3BZ
JK1MZT	WS4Y	N2WLG	WB3HLH	K4FT	RM3DA
JR3OEH	YO2IS	N3XM	WC6DX	K4KSY	RN1A
K0YN	ZS1A	N4RF	WK9U	K4UQC	RT5A
K2LP		N6EE	WR2G	K4ZO	RU3GF
K2TK	101	N6NU	YO6BHN	K6FW	RW9QA
K3KG	AA4NU	N8AG	YV4DYJ	K7VIC	RX9JX
K4AQQ	AB4GE	N8NN	ZL4AS	K8BZ	S53MJ
K4LM*	AC5O	N9LQ		K8CR	SM5AHK*
K4VIG	AC9S	ND4V	100	K8CS	SV1VJ
K5GO	CT1JGA	NX2X	9M6YBG	K8LE	SV8CKM
K5ZO	CU3AK	NZ9Z	A41ZZ	K8OM	UA4PAY
K7BHM	D44BC	OA4TT	AA4AK	K9EA	UN1L
K7BTW	DF1KG	OE3WQB	AB4VV	K9GL	UN6P
K7TM	DH2FW	OH3TY	AI2S	K9NZ	UR4LRG
K7UA	DK9WI	OK1PGF	BA4RF	KC2STA	UR8IDX
K8BHZ	DL1KS	OK2BOB	DJ6OI	KC4D	US8UW
K8OQL*	DL3ANK	OK3EY	DL1TPY	KD2T	UT4EK
KV1J	DL5JS	OK4MM	DU7ET	KD8BZY	UT7KF
KY6R	DM3ML	RA3AH	EA1AF	KN4KL	UW7LL
LA3ANA	DS1JFY	RA4P	EA2AAZ	KP4N	VE1RGB
N2BJ	EA1WX	RA4SD	EA3ALD	LA8W	VE3OAT
N5RZ	EI2GLB	RB7GG	EA3CAZ	LB5WB	VE3YF
NA5Z	ES5RW	RK9F	EA8AXT	LU5OM	VE7JKZ
NS3L	EU1TT	RV6ARZ	EC5A	LU5YF	VK4CAG
OH2EA	G3ZFC	RY6M	ES5NC	LZ3YY	VP2VA
OK1DTN	G4DJJ	S50B	FM5GU	MM0SJH	VR2PX
OK1JDX	G4FJK	SM2DMU	G3OIL	N0AH	W0GYH
OK3CSQ	GM3WTA	SP6JIU	G4CGG	N1MD	W0MU
ON5UE	HB9NL	SP6M	GM3ZSP	N2RJ	W1AN
OZ1HX	HK4SAN	SP9DH	HB9TKS	N2XQM	W1LY

W2NO
W3BBO
W4ALF
W4HHN
W4NF
W4OV
W7DT
W7IV
W8CNL
W8GDQ
W8LMG
W9YE
WA8MCD
WB5TUF
WK4Y*
XE2YWH
YL2SM
YO9FLD