

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 23 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	308 K5RK K8GG N1DG SM6CVX W5IZ	DL9KR N1RJ S54E YU1FW	ON5NT W1JZ
340 K1ZM	324 K2TQC UA4CC	315 EY8MM OH3SR S50U		300 F6BKI G3KMA GM0GAV GM3YTS I2ZFD JA7NI RZ3AM VA3EF	295 F5NTV OE1WEU UA6A UT5UGR
338 W4ZV			307 DF3CB DJ7MI KJ9I		
337 EA8AK	323 K9UWA OH2BO	314 IK4GME IK4WMA OK3GU OZ1LO PE5T UA4CR			294 JA4DND N4CC RJ3AA SM3GSK SV8JE
336 W4DR	322 SP5EWY UX0UN		306 4X4DK I4EWH IK4MGP IV3PRK K4CIA K4SV SM0AJU		
334 N4WW VE1ZZ*	321 K5NA W1NG W3UR	313 NX4D OZ7YY RW2A		299 K1UO NN4T W7UT	293 DF2UU K3UA KV4FZ LA5HE OE6IMD W0FLS
333 OH2BU R7LV	320 W8UVZ	312 OE3GCU W1JR	304 N4IS N4JJ* WT3Q	298 IK2DFZ K4TEA N3XX OZ3PZ PA3FQA SM5CEU	
331 UR0MC	319 N0XA S50A SM4CAN WB9Z	311 DJ6RX G3PQA GM3POI RA7A	303 F5LGE K9QVB OH5VT VE3EJ		292 OM2XW OZ1BTE R7FK SV1AOZ UX1UA W3YX W8TOP
330 UT7QF				297 CT1EEB DK5PR JA4LKB SM3EVR SP3EPK W0CD	
329 AA1K HA0DU LZ2DF UA4HBW	318 K8MFO	310 SM5BFJ SP2FAX	302 DL4MCF K4ZW UT3UA		291 JA4LXY KD9SV
327 K3UL K5UR OH1XX	317 I4EAT W9ZR	309 DJ9KG I4AVG W3GH*	301 DJ0MDR	296 DJ2BW G4PWA	290 JA1BK

JH2FXK N4RJ UA3AKO UA3LAR	282 DL1YD IOWDX I5NPH N2LT N3SL N4KG* N8DX SM3NRY SM5AQD SM6CTQ UY5ZZ	K9CT OK1AWZ SP3IBS	N9IW OH3BU W1ZC	HB9AMO K2EK N6SS US5WE	IZ1ANU KD5M RU3FM S58Q SP9FKQ W0YG YO5BRZ
289 DF3GY G0JHC N0TB RA3DX RX4HZ	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 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 LZ2JE PA0WRS S58T SV1FJA VA3DX	279 N2TK NO3M SM4DHF SP7VC SV8CS UT7UW W0BV	272 9A7V DK5WL DL1DUL JA3FYC JH4IFF K5BG KF2O	265 CT1APE NJ6P	257 DJ9VA EA5BM G4OBK I2AOX K1GUN NN1N W9YSX	250 HB9RG K5XI OZ8BZ
285 G4BWP 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 W8AV	276 F6BEE G3LZQ HB9BIN IK5BAF K1CP K8KS	269 F5NBU IK4CIE KG4W	262 JA5AUC K4UEE KR9U VE2TZT W1YY W2SM	253 CT1EKY EI7BA G0DQS	247 JH1GZE K5ESW NO2R R7IA UX4UA W1TSP

246 DJ2TI IK6DLK K6XT N6TR W2TQC	TF4M W9XY	IZ4BEZ JR3GWZ K0CS K1FZ K3SWZ UA4HAU	227 AB4I ES1RA IK0HBN IK0XBX JA5MHD K1FK K3NW YO9HP	W3KX	K5UO VE6WZ W5PJR
245 IK2YCW JA1GV N5DG N9US RY7G WB3AVN	239 JA1HGY JA2VPO JR3IIR K0JUH KH6AT LY3UM NO8D SP1S SV1ELF UT7UJ WX4G	232 9A4T K2AZ NI6T R5DT SM3VAC UA3AP	226 AI0O DL7HU JA0CRI JA1UQP JI1BEX K2FF LA2XPA ON4AOI UT5JAJ W7AO WB6RSE	222 AB0X JH1HGC K6EID N8PR SM0CCM W7KW	217 K5PC K9RX N9BX UA3AGW
244 DK6WL JQ3DUE RW0LT SV8BHN UT9FJ	238 DK3DG DL8WN F2JD N3NT ON4IQ UA3TT	231 4X4NJ EA4KD HA9RE K9NW KA7T LA3MHA N7NG ON4ACG S57A VE3XN W5XZ	225 A45XR FK8CP IV3YYK JA8EAT K1MM K5AB KA9CFD N4CH OE5NNN RA0FF RA3QK RW3XZ VA5DX	221 IV3ODE JA0FSB JR6EZE N6JV N6VR SP9JZU W1ZK W6JRY W9BF	216 AC4G K4MWB K9FD/KH6 OE1ZL RZ0AF W6XA YO7LCB
243 DK2JX IK5HHA JA5BZL JG3QZN KY7M N8TR ON4ATW	237 DL7MAE K0KT K1VW* OM4EX SP5DIR W4YO*	230 IK0XEZ JA0DAI JA1CMD K2UU N8JV SM3NXS W4GF W4VQ	220 AG8B HB9LCW HL5IVL JA1SYY JA6BZI KA1R KF0QR NI0G OK1DWJ SP8NR VE3EXY ZS4TX	215 F6BLP K4XL N7JW NV9L S51DI	214 AA1QD HL3IUA JA2JW K1AM* K3SV N5UL N6AR OE2LCM OK1DX RN7G W4NL
242 DL4CF K7ZV PY2RO W9RPM	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	213 DF2IS DL5WW EI3IO IK6FWJ JF6DSZ NA2M RU4SO RV1CC SK3PY W0LYI W1FJ W2WG W3YY
241 JA3EMU K3WW K5ZK N4XM N5TY N7RT SP5GRM VE1YX VE3CSK	235 N6DX R7DX	228 AF9H DJ4AX NT0V VO1HP W9IXX	223 5B4AGN HA7TM K9NR N2WK RT6T	218 DJ4PI DK0PM I3BUI JA8CDT K0EU K1LT	
240 AG9S K0IEA K1ZG PA4VHF	233 PY1BVY VE7IG* G3ZSS				

212	IK4DRR	K8EUR	K9MMS	K9RT	190
DF6PB	K2FU	N4NX	NN4X	KF8UN	HB9DDO
DL9GFB	K8ZTT	OM3DX	RW4NN	N5JR	JA1DUH
IV3JVJ	N5ORT	PA0A	SV2JAO	W9OP	JA1MCU
K1ST	RU3ZX	R6AF	W1ECT		K2TE
K3JGJ	SM5JE*	W8UN	W3GG	194	K3LR
K8SIX	SP7GAQ	WB8ZRL		G3SNN	K4FJ
KE9I	W6PJ		199	IW1ARB	K9KU
KG6I		202	JA2DPC	JA2NDQ	N5GH
N1ZZ	207	DL1MGB	JE1PNX	J12KXK	SP2LNW
UX0FF	IK0MHR	DL2KQ	JJ3PRT	K9JF	VE7VV
VO1NA	JA8FKO	IZ8FFA	K6GXO	KC9ARR	W2IRT
W3LL	K1LPS	JA2XYO	N4DW	VE3BW	W3UA
WA7NS	N4II	JA3CSZ	N7KA	WS9V	
	SP3CGK	JA9PPC	SM6BZV		189
211		JH3VNC		193	AA9A
EA1N	206	KK2I	198	DK2NG	EA1RT
JA6LCJ	AB3CV	LY1G	DL1ROJ	DL5ZB	EA8PP
N1LN	AJ6T	OK1DOT	G3UJE	DL6ZXG	FM5CD
N5KD	E72A	R9TO	W0MHK	HA5BSW	JH1IFS
ON4GG	JA4DEN	UN5J	W1TO	JA1EOD	K9EU
SM5CZQ	K2VV	W0UO	W8HB	K3JT	UA7T
W6YI	K5AQ	W2HUV		K5EJ	W0FS
YV1DIG	OZ4O	W8GC	197	LA7JO	W0GJ
	UR5EDX	ZL3IX	K3KO*	N1SV	W5DM
210	W0VTT		OE4PWW	N5ZM	
I8SAT		201	OE5FIN	N9EN	188
K0MN*	205	DL1EJA	ON4CD	PA0LOU	9A2NA
KD0Q	HA1RW	JA2FBY	RZ6FA	RN1ON	F6DAY
N4MM	I4LCK	K3HP	W0DD	UA0SC	JA1ANR
NX0I	JA3AAW	K4HB	W0LS	W0RI*	JA1KQX
RL9F	JF8QNF	N9AU	W5TCX	W2LO	K5RT
W2LK	K8FH	PY2XB		W9MU	KM1D
W7JW	YU3AA	SV1RK	196		LA5IIA
WS6X		WB9CIF	AA4HP	192	UA0SR
	204	W18A	I4KDJ	AA5AM	W6SR
209	DJ5AV		JA2IVK	AD8P*	WA2VYA
DL5CF	JH2TPI	200	JF2KOZ	IZ1LBG	WA6YEE
K3WA	KG9N	DJ5FI	K4JJW	K3FN	WF4U
K4MQG	KK4SI	DJ8NK	K8PO	K4KDX	
ON6YH	N0AV	IK3VUU	KP2A	K5XX	187
VA2WDQ	N7FU	JA1GTF	RA9CMO	KC6AWX	9A2F
VE1DX	PY2BW	JA3PIS	RU3QR	RN3QN	AJ1H
VE3LYC	R5AJ	JA7MSQ	W2FCR	UT7UV	DL7BA
W0AIH*	US6EX	JF3KON	WA2HZO	W8LGJ	G4BUE
W0ZR	WD8PKF	JH2RMU		W9EWZ	HB9CXZ
W6PBI*		JH7PFD	195		JA7JWF
W7KNT	203	K1DT	4Z4DX	191	K0SR
WA5VGI	HB9DDZ	K1GE	EA6VQ	JA5AQC	K9LA
	JH0INP	K2NV	G3ZEM	N4DB	KN5O
208	JJ2LPV	K5MC	JH2UVL	RA3WDK	N2NS
AD5A	K4NA	K8AC	JH4ADV	RK2FWA	ND0N
IK0YUT	K4XO	K8ZH	K7SO		OK1CZ

W7AWA	UR5FEO	LA5YJ	W1RM	K5QY	K6FG
W7DO	VE3OSZ	N4PQX	W3YQ	K8RYU	K6ZZ
W8JV		RM0F	W4FC	KB0EO	K9YC
	180	W4BP	W4FQT	LA3WAA	KK4CB
186	IK2QPR	W4GD	W7FI	N7US	SM4CTT
7M4HXF	JO7WXN	YO2DFA		N8BJQ	UY1HY
AG4W	K6SSS		171	SP5GH	W1TC
K7LAY	KB9LIE	175	JA6HUG	UY5AA	W5BN
	N4AH	AA1ON	JR1TNE	W4SVO	
185	N8DJX	EA3JL	K1GG	W4UM	164
AB6QM	ON5FP	JA1CHN	K2FL	W6VX	DK2LO
EA6BF	ON6SAS	JS3CTQ	K4WS	WA5YNB	HA7UW
G3KWK	RA1QD	K4DLI	K4XR		HB9BZA
IK7NXM	UA0CA	K7BG	N4OGW	167	IK3SWB
JG1ULJ		SM6DHU	SM7GIB	DK5AD	JN7FAH
N4TJ	179		SV8GFW	K1NU	K1BD
N5UR	DL9MRF	174	UA1OMS	K6KO	K2KA
N9LB	JA9NFO	JA0DET	W8UV	N0IJ	K4JLD
RZ4FO	K0BJ	JA2XW		N0RN	LX2A
SV1DPI	K5ZD	JF7DZA	170	N1RR	N7RO
UA9CBO	K8WK	JH1QAX	DJ6TK	RA1AOB	W2OR
W0EWM*	MM0EAX	JK1OPL	DL6KR	RN9N	W4NS
	OK1MG	JR6PGB	JA6JPS	S51EC	
184	SM4DDE	K2PLF	JM1GYQ	W1YM	163
9A8A	VE3DZ	K3PA	K0DEQ	W1YW	HA5WA
JF1NZW	W2YJ	K4TR	K1NTR	WA3AFS	IW0SAF
K4HGX	W8TN	LA9AJA	K4ODL		JA9FPI
KB1EFS		RN7F	K8VC	166	JG3IWL
KB4ET	178	UA3LNM	N5LZ	4Z1UF	K8TL
N4QS	AB4IQ	UT2UB	NK1K	DJ4SO	KB8VAO
S57AC	JA3RAR	W1NT	OE1WHC	IV3TDM	N4QQ
SM0NJO	JA4MRL	WT8C	OK1DWC	IZ8FWN	PA3C
US0KW	JA8DNV		SV3KH	JA1FNA	W0DJC
	K2EP	173	US8UA	K3KY	W7AL
183	SM7DLK	DJ9ON	W7MEM	K4PB	WA0MHJ
IT9INO	SV1JG	DM2DXA	W9EVI	K7GM	WA3C
OZ1AXG	UA9FAR	F4BKV	WN6W	K8NK	YL2TW
RZ3DX		I5KKW		N7IR	
W2FP	177	JA5IU	169	UR3EO	162
W8NW	9H1SP	K8RRT	HA9PP	W1RR	CU2DX
	AE5E	K9YY	IK0FVC	W6NWS	F3AT
182	DL9DRA	KA1J	IZ5MOQ	W8ILC	HK3W
JA1SHE	NE0U	N5FG	K0JGH	WA8TXT	IK4PLW
JA2WYN	W5LT	N5OK	K1LI		JA2BDR
K6SRZ		VE3FF	K2UR	165	JA6GIJ
KF7PG	176	WE9R	N4XX	AA9D	JA7ZP
UT5UT	EU1AB		NE1B	DK1FW	JA9LJS
	I6FLD	172	W7BEM	DL7UCX	K1KI
181	JA6BJV	G3NKC	W9OO	IZ8VYU	K1NJ
JA2JNA	JE2URF	JA0GJJ		JA1ADT	K4ZYU
KV7K	K5KLA	KA9FOX	168	K4CN	N5WA
N8LJ	K8MN	KJ0M	G3MXJ	K4XD	N8MR
OE2BZL	K9US	SM5FUG	JE7JDL	K5JZ	VE3CFK

W0HT	J11FXS	I2ZGC	S55ZZ	WB8BPU	JR9OPJ
W1LW	JR1GJP	IT9ELD	UA6IGI	WD5BJT	K5SM
WA4LOX	K5TT	JF1WPB	UT5AB	XE2X	K7WP
	K8ND	K3MSB	VE6LB		VE6WQ
161	RU6M	LA7GIA	W2RS	149	W1IZL
DK2GZ	SM4EMO	NW7E	W5DNT	DL7CX	W7YAQ
DL6RAI	W1OX	W8WEJ	W6RLL	IK0PEA	W8KEN
JA0EOK		WP4U	W7AJ	IK2EGL	
JA1DOF	157	ZS6EZ	W9RN	IK4FNF	145
JH4CPC	4Z5CX		WB3CQM	JH7IAJ	G4GIR
K8FC	AA4H	154		JL1ARF	IF9ZWA
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
	LY5A	PA7F	K7SP	YO3DDZ	G0BLB
160	NE9Z	W1NA	N4TV		GM3ITN
CT3MD	RA3ZH	W3GQ	OK1ATP	148	HB9BYQ
DL1DA	RU4UR		RA3AUU	AC6DD	IZ4DPV
G0EHO	SM3PHM	153	RD3A	EA5BY	JA3GN
JA2EPW	SP1MGM	CT1FMX	S54A	F5CQ	K4OY
JE2OVG	SP3GTS	DL3ZA	SP7AWG	JR7BDQ	N3KK
K9MBQ	SV8ZS	G3TJW	SV9AHZ	K4WA	NI0C
KR4F	W2TA	JF1IRW	W7RH	N2WB	NY0V
N3BNA	W5GZ	JH2SON		N9FN	SM3DTR
N7XR	W7TVF*	JH6QFJ	150	SM6CUK	SM4OLL
UA0FZ	WD8JJA	K5GKC	DM3VL	UA2FF	SM5CLE
W1BR		K8VFB	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	152	K7LV	KM1H	N5UW
SP7HOV	LB2TB	DJ9HX	K8AJS	W2KKZ	NR4M
UX5UO	N4GN	DM5EE	KL0S	W7CT	PY5EW
W5XC	UA3SAQ	JA1RTX	KU4XO	WB3JFS	R8TX
W6BJH	W1YIF	JA9TWN	N4XU	WW3S	TF3SG
W7SX	W4TV	JL1SAM	N9OY		VE3CV
WB7B	W8OI	JT1CO	OE8SPW	146	W6RW
	WX0B	K0KVR	OZ3SK	EA3KU	WA2BCK
158		KS3F	UA6YW	IW2FND	WB8ZRV
DJ4PT	155	N9RC	W2XL	JA1HQQ	WD9DZV
DL1FKA	4Z5MU	RL3FA	W6DAO	JF2XGF	
JA1XEC	DL1RK		WA1Z	JH1GNU	
JF4VZT					

142	K6AM	136	RN3OG	DJ9ZB	129
G4FTC	KJ9C	AB9V	RU0SN	HB0CC	CT3HF
I5HOR	KU0A	DL4MM	UA0ACG	IV3KFB	DK1WB
IV3VBM	LA8WG	EU4A	UY0ZG	JA2TBS	DL5CW
JA3ENN	RW3RN	IK8CNT	W2CG	JJ1TEA	HB9FMN
JH1TWT	SV8ZC	JA1PTJ	W2OIB	K6KLY	JA1NWD
JH2QMT	W9XQ	JE2DZC	W4JKC	KD0PO	JA2ZL
K4WZ		K0TV	YU1AM	KH2L	JA8JO
K8UT	138	KR6C	ZS1LS	KX4TT	K3OX
NA4D	DK8YY	NE3F		N4QWZ	K6XM
OK1DO	EI9FBB	OK1DW	133	N5PHT	N0YY
UN7LZ	EW2A	OK1MP	CX6VM	OH2BLD	N3KS
UR4CWQ	F6DDR	SM5OJH	EU1U	ON4ON	N3RR
W2OO	IK8EPC	SP6EQZ	JA4DHN	R0SR	NA5DX
WA5POK	JA9APS	WD5K	JA7GLB	R9MJ	NJ3K
YO3CD	JR7MAZ		K2CDJ	R9SA	OE1TKW
	K1RO	135	K3VAT	W0SD	ON4CAS
141	K3TN	5B4MF	KU2A	W8DCH	SM3BCS*
DL5MHQ	K6NR	9A2JK	N5XZ	WB7QXU	W1EQ
EW1BA	N1CGP	DK8MCT	OE1KM		W7HPW
IK0FUX	RW4CY	EA8JF	RV4LC	130	W7QHE
IK4ADE	UN9L	GM3YOR	UQ2PZ	DF9ZW	WW2DX
IZ3ENH	W1GD	IT9GSF	VE3WT	DK7YY	
K1OA	W1SKU	JA7LMZ	W0NFL	DL4SZB	128
K2RW	W2YE	JA8BNP		E73M	AF4HX
N1IBM	W3BW	JA8JL	132	F5LVL	ER0FEO
N3RC	W4YV	K3PP	AA4NC	HB9IQB	G3UHU
NQ7R	W7OM	K7HP	AJ9C	HK0HEU	JA2KSP
W1AX	WS7L	N3OC	IT9BLB	I5MXX	JA2KVD
W7ZI		N4PY	JA3DY*	JA2FBC	JA9AA
	137	RN3RQ	JA6CBG	JA2VQF	JE1LFX
140	DL5KUA	SM5CZK	JA9RRH	JA7LGE	K0FF
DF2GH	JA1SVP	W1DIG	K6YUI	JN1BMX	K3XA
DF2RG	JA2ATE	W2GD	K7FL	K1ZE	K4JAF
EI6FR	JA3APU	W4MBD	KE9ET	K2MYR	N5MOA
K5WK	JE6TSP	W4RFZ	KF6HI	K7LFY	OZ2ABI
N2WM	JH1QDB	W4VIC	KI5BLU	K8BCK	R9AB
N4GG	K2QMF	W5VQ	N1IX	K8NS	R9SG
N9MB	K5TR	W5ZG	N6HY	KR2Q	S53X
OK2ZV	N2PK	W6JTI	N7BT	N7WS	SM3LGO
ON7DR	N4XP	W8VVG	OZ2RH	NO9E	SV3DCX
W6QUV	NY2NY	WE1P	SM4BZH	OE6VIE	UT3UZ
W8LWU	RG7G	WS5W	SM6BGG	R3VA	VQ9LA
W8RLS	SM6VR	ZS1C	VE3CRG	R5QA	W2WC
YL2MU	UU1JA		W4AXL	R9OK	W4IS
	VK3HJ	134	W4BUW	RU1AO	W6RKC
139	W1ITU	F6FXU	W4RBO	VE3DO	WO2T
9A1CAL	W1VT	I1JQJ	W4WM	W2MPK	ZS6UT
DJ4XA	W5LUA	IK4DCS	W5SL	W2QO	
DL5EBE	W5ODD	K1TO	YV2IF	W7JY	127
DL8OH	WB5JID	LA6OP		W9JJB	CT1EAV
IZ8IEV		N9RS	131	W9ZT	HB9SLO
K3ANS		RG6G	AD6W	WA8WV	HI3T

JA1DDH	J14POR	JA7KY	F4GTB	K4JKB	AE0P
JA1WLO	K1HAP	JR1EBE	G0OIL	K5UZ	DL1DWT
JA8RJE	KG7CW	K2PK	JA2AHH	K8KWT	G3LAS
JS2LHI	KJ6P	K5GH	JA6WJL	K8ROX	HA1RB
K0RW	LZ1XL	K7XB	K5VIP	KA6BIM	IK5DNF
K3NK	N2KA	K9CS	KD8RQE	N1EN	JA1HQT
KM4H	N3EN	N2ED	KM4NS	N1JP	JA4FM
LA0FA	N4JT	N6MZ	OK2QA	N4UFP	JA7GYP
N1AC	N9MR	N9JV	SM5CBM	N9UA	JA7IC
N1GC	ND5S	NA2P	UQ1GWW	NN2L	JM3GXU
N3QE	NW6S	NN4R	UT4EO	NT2A	K6PJ
N5KM	OE1AZS	RA3S	UU2JQ	NY7T	K8DV
OE8HIK	OZ1IKY	UA0BA	VA3AYA	OH5NG	K8OOK
S55DX	RA0BA	UT3QU	VE6SV	OK1DT	K8QM
SK7AX	UU7JM	W3JX	W2GG	SV1ACK	N3ND
SP7ASZ	VE3UTT	WB8CQV	W6XI	SV1IW	N4IR
V51B	W3BG	YO2RR	WB8K	W4HZ	N6MB
W0RT	W7CD		XE1VIC	W5QP*	N8AA
W0YVA	W8HW	122		W9ILY	N8NA
W3MF	W8MET	DL7JRD	120	WA1PMA	N8XI
	W9CG	EA3GP	9A5F	XE1RCS	NY4G
126	WB3D	G3NDC	DF7EE		SM7BIC
CU3EQ		G4WFQ	FG5FR	118	UA6J
DJ8WD	124	G5LP	HB9BLQ	5T5PA	VE7BV
EI2JD	AA7XT	HB9HFN	IZ0LKV	DL5OCE	W0IZ
F8BPN	E70T	JA1MRM	JR7WFC	JA4FHE	W1KSZ
G4IUF	HK1MW	JA3OOK	K2BA	J18DGO	W2JU
JF3LOP	HS1NGR	JM1FHL	K3QIA	K0BBC	W4DAO
K2ZD	JA4IYL	K1YT	KA8ZPE	K4CNW	W4ZRZ
K4SE	JA4OK	K2MP	N4TB	K5KG	W6SL
KC2LSD	J11DHY	K4XU	OE3EVA	K5VWW	
KF8DX	K1KA	K4ZIN	SP7ITB	K8LN	116
OK3CQD	K2RET	K7ZA	UN7JX	KD6UO	AA7G
PA5TT	KD4POJ	KM3V	W0CP	KS4YT	AE3T
PY5HOT	KI4WCQ	LA8PT	W1AO	KV4T	DL7URH
VE3CX	N2ZN	N3MK	W1OP	LA9VFA	EA5BRE
W5AJ	NA4EA	N4DWK	W4PRO	LZ2HM	HA7PF
W6DR	NX8Y	N7QT	W5ADD	N2MM	HB9AZZ
W8REW	SP6A	NN7X	W6RFL	N3UA	IK0EIE
WD4LBR	SV5DKL	OZ3Y	W7RN	N6PSE	IV3HYD
XE2S	VE1DUN	RD4A		N8PW	JA1WTI
YU1EXY	W2RIJ	UT5EL	119	PY2PA	JJ1DWT
	W3FM	UU4JMG	9A1AD	PY5EG	K1DC
125	W6CYX	W5DAW	DK3GG	RN3TT	K1ESE
AA4SC	W7AH	WA9PIE	DK3UA	SM0BYD	K3WGR
G7VJR	W9FR	WB2REM	EW4M	TA2RC	K6SIK
GW3TMP		XE1H	HB9AAQ	W4NJ	K9MK
IZ4GWE	123		HB9BCI	WT4Q	KT1V
JA6VU	DL1DUO	121	I4MKN	YO4AUL	PA0JSE
JE1TSD	HB0WR	AA6RR	JA3AZD		RV3ID
JE3GRQ	IK3XJP	DF1DB	JA4XGC	117	S51NM
JE6UWU	JA0CRG	DK1EI	JH6CDI	5B4ALJ	W1ENE
JH1NYM	JA3MHA	DK6CQ	K2HK	9Y4VU	W1WEF

W7GG	KZ4V	112	111	JH1VHU	NA5C
W7OEV	NU8Z	A92IO	AF4OX	JH4JNG	NN4RR
W8LRO	PZ5RA	DJ1RL	CT3KN	K1EO	R7LP
WA2USA	RA5BM	EW1DO	DK2WH	K3JRR	RW4UU
WQ5L	SP3FAR	G3XGC	DK6ED	K4TT	RX3AGD
115	UA3FT	HB9CRV	DL5CL	K6LPO	SP8HKT
AA3AZ	W4TUN	I5OYY	EV1R	K6VKO	TG9NX
AJ4F	WA9YYY	IK0IOL	G3PLP	K7UT	UB5ZAL
C6AGU	XE3ARV	IZ4DIW	G4DBN	KB8U	W5WP
CU2CE	113	JA1SXR	JA1AUD	N0OK	YV3AGT
DK3WW	9A1A	JA7BXS	JA1FGB	N3HBX	108
DL9GOA	AB2E	JE1FQV	JA1NCZ	N3IQ	AI2Q
HA5UK	DJ5DT	JH1HHC	JH1RFM	N3JB	AL7R
IV3DXW	DL8CM	JR7TEQ	K0TPP	N4KE	CT1GFK
JH4ALY	DL8DYL	K0CA	K1RV	NA1DX	DJ9RR
K0SD	EA5KA	K0JPL	K5JC	NC6K	ER1LW
K4CMS	EA7TV	K1KO	K7ORK	SM5BHW	G3SVD
K4GK	EI9JF	K3MD	K8SL	TA1CM	HB9BAT
K5XM	G4AFJ	K4UAS	K9AJ	UR5MID	HB9G
K7EG	JA4ITW	K8CC	KM1R	US7MM	HC1BI
K8YTO	JA5WIZ	K9ZM	KZ0X	W0QQ	IK0PRG
KO8SCA	JR6LLN	KI4DLS	LA0CX	W0UY	JA2MOG
N4OA	K4GHS	KM1C	N1QY	W4DC	JE8TGI
N8KOL	K8BKM	KT1J	N4WJ	W4GE	K1RI
OZ8X	KH6DX	LA8HGA	UR6QA	W4NE	K1XM
PA3AXU	KI0G	LB7ZG	UT1UY	W5ZPA	K2KQ
SP2BMX	N4DJ	N2JJ	VE6KC	WX0V	K4WW
UA1ANA	N7KO	N3NR	VE7CT	WY1G	K4WY
UA1CGS	N7KO	N4TL	VE7UF	YO9FNP	K6UT
UA6XT	NI5F	N4ZY*	W0VX	YU7AU	K9SG
W9AJ	OH6NIO	N6MA	W4NU	ZL3NW	KK1W
W9XX	R7NA	N6RK	W4OX	109	KN4JX
WB00	RA4UN	N8OC	W5AQ	AA4U	LU2DKT
114	RZ3AUL	RU4SU	W7VS	BA7IO	N1BZ
AA6AA	SM5ARL	SM3DMP	W8MIL	DL2VWR	N6RFM
BA4DW	SP3EPG	SV1CNS	W9RB	EA3GHZ	NA3F
CT3FN	SV1JFV	SV3FUO	WA2MUA	F8EZE	NY4I
CU2AP	SV2AVP	SV9COL	WB9EEE	G8BCG	PA0ZH
DL6NB	UT8MM	UA1ACG	YL3DQ	IZ7EVZ	R5FY
F6CWA	W2/CT1GIF	UN6T	YO6HOY	JA2CXF	R7LA
G3SDL	W2GW	UN7TW	110	JN1RQV	RX6DX
G8DX	W2YR	UT6UD	AJ4A	K2ONP	S57J
HP3TA	W4JAM	VE3KI	DL1VDL	K4RDU	SM6AOU
IT9DAA	W6BK	W1HEO	EA5BYP	K5KA	US0YA
JF2WXS	W8FAX	W2CVW	F5BAR	K6EME	UX7UN
JH6WMJ	W9VNE	W4VHF	G3LNS	K6MW	UZ6LWZ
K1ZN	WA1FCN	W5VX	HB9DHG	KE1F	VE6AX
K2DC	WA4DOU	W6TC	HK3PJ	KL7RA	W2TB
K3OSX	WB2HJV	W9SE	I2BBJ	N4BAF	W2UB
K5RJ	WP4G	WA8OLN	IK5RUN	N6PE	W3RJW
K8RF	WS4C	XE1KK	JA9KRO	N7BD	W7ACD
	ZL1BYZ	ZP6CW	JE3ENP	N9HF	W9NIO*

WA3I	106	WW1WW	WQ5W	SM7CQY	K2CJ
WA8MOA	AA4FL	YL2GN	XE1FAS	SO5AS	K2UVV
WC1M	DJ6OZ	YU3EF	YU1NR	SP3XR	K4KEW
WD9EQU	DL2NOM			SV3FUP	K4LQ
107	DL3JSW	105	104	UA3O	K5JUC
4Z5LA	DL6CNG	AC9EM	9M2AX	UA9FGJ	K8CCV
CU3AN	EA1JO	DF8AA	AA4DD	US5CAO	K9MUG
DK3FB	EA3CCN	DJ3XD	AB1OC	UT7EC	K9XJ
DL2CHN	HA8DZ	DJ6KH	AD1C	UX4UM	KE1IU
DL5XU	IZ5NFD	DL6XK	AH0U	UY0MM	KJ7WY
EA5AT	JA1VLK	DO1CTL	CP8HD	W0VHF	N0RU
G4AKY	JE6IGP	G3YUV	DL1QQ	W0YBS	N4LR
I5IHE	JG3HBO	HA8FW	DL4FAP	W1QA	N6HC
IK2CHZ	JJ0NCC	I2TZK	EA8ZS	W3DRY	N9BBQ
IT9DSZ	JR0EQQ	IK8GYS	F6AJA	W3TMZ	N9SF
JA5EY	K0DEW	IZ0BTV	F8GB	W4HOG	NA2U
JA8JTH	K1PX	JA1BWA	G3BRD	W5CWQ	NE0DX
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K5KPE	K5WAF	K2MK	JA0GCI	W8HMK	OK2BQU
KA4RRU	K5ZQ	K2XF	JA1SJV	WA6TLA	OK3BRK
KE2R	K8JJC	K7OX	JA2HYD	WL7E	OZ7JZ
LZ2ZG	KG9Z	K7PI	JF1EGO	XE1RBV	R9GM
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N8AGU	N4IQ	KA8SYV	JO1WXO		RA4HT
NA9RB	N7NR	KI5T	K0WK	103	RK3QY
NG0G	N8AID	KQ3F	K1BG	AG1I	RU3OW
OE1CP	NI5M	KT2E	K1UU	AI3Q	SM3CBR
OK2BUZ	NK5B	LZ1JZ	K2BLA	AL7TC	SM6EHY
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PA0TCA	OK1AYU	N4JI	K3PH	DJ1MM	SV1LK
PA9RX	OK2BVG	N4NW	K4MF	DJ7PI	UA3PFN
R0FA	RC9F	N4SC	K6UM	DJ8ES	US2WU
RN4AA	RU3DX	N4VN	K7TJR	DL2HX	VA2ZO
SP3BQD	S57AL	ON7PQ	KA2BZS	DL8YRM	VA3IC
UR9IDX	SP6AXW	PF7M	KH6KG/W5	DM5TI	VA3LX
US5CB	UR3CRO	PJ2/K8ND	KW0A	EA7SG	VE3MFA
W3KB	US1CT	PY5CC	N2CG	EU6MM	W0UVC
W3MR	UT7UU	R6YY	N3ER	EW3LB	W1CTN
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W8NJR	VU2CPL	UR1RWX	NA5Q	G4VGO	W5VU
W9CPV	W1CWU	UR2RGN	NN3Q	IK2ANI	W6SZN
WA2ALY	W2GPS	VY2ZM	NU4I	JA1TMG	WE4S
WN0L	W4IR	W2SKI	RA1QX	JA2FGL	YO7APA
WS1L	W5JAY	W3NRJ	RU3UR	JA2GQO	
YL1XZ	W8OP	W4OWY	RZ6DX	JA2MNB	102
	WA4MYO	W6FF	RZ6LB	JH1DGQ	A6/RV6LNA
	WT9U	WB2UFF	SM5CCE	JM2RUV	CT4BD

DK3QM	UA1CKC	JH3HGH	UG6GAW	J68HZ	N9ADG
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DL3NCR	UA9MR	JI3KDH	UT1CC	JA1CPU	NJ3I
DL4KUG	UA9UCO	K0LW	UT4IS	JA1XCZ	NJ9C
DL4ZAB	UW7CN	K1BZ	UT7HA	JA4FSH	NZ9R
DO4DXA	UW8SM	K1YR	VE3XB	JA5DQH	OE5JDL
EI4DQ	VE2FYR	K3SEW	W0RX	JA9CGW	OH2IS
F6BWO	VR2MY	K5FZ	W2SF	JH2KKW	OK1DXD
FM5WD	W1PV	K6AAW	W3HKK	JH3CUL	OK2PAZ
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IK0DWN	W2LE	K7AR	W4BUE	K0FLY	ON7GB
IT9SFT	W2LW	K7IA	W4WT	K1EP	ON9CC
IZ4MJP	W2TX	K8BN	W7AV	K1NA	OZ1LCG
JA0HXV	W3EKT	K9PG	W7CB	K1NZ	PA0INA
JA2OLJ	W4JVN	KN6J	W8GB	K2BX	PA7RA
JA8EJO	W5TO	KQ1F	W8VK	K2CBI	RA4LW
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JH4ADK	WA0IDK	N2AJ	W9MAF	K3SW	RL3BZ
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JK1MZT	WS4Y	N2WLG	WB3HLH	K4FT	RN1A
JR3OEH	YO2IS	N3XM	WC6DX	K4KSY	RT5A
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K2LP		N6EE	WR2G	K4ZO	RW9QA
K2TK	101	N6NU	YO6BHN	K6FW	RX9JX
K3KG	AA4NU	N8AG	YV4DYJ	K7VIC	S53MJ
K4AQQ	AB4GE	N8NN	ZL4AS	K8BZ	SM5AHK*
K4LM*	AC5O	N9LQ		K8CS	SV1VJ
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K7UA	DK9WI	OK1PGF	BA4RF	KC4D	US8UW
K8BHZ	DL1KS	OK2BOB	DJ6OI	KD2T	UT4EK
K8OQL*	DL3ANK	OK3EY	DL1TPY	KD8BZY	UT7KF
KV1J	DL5JS	OK4MM	DU7ET	KN4KL	UW7LL
KY6R	DM3ML	RA3AH	EA1AF	KP4N	VE1RGB
LA3ANA	DS1JFY	RA4P	EA2AAZ	LA8W	VE3OAT
N2BJ	EA1WX	RA4SD	EA3ALD	LB5WB	VE3YF
N5RZ	EI2GLB	RB7GG	EA3CAZ	LU5OM	VE7JKZ
NA5Z	ES5RW	RK9F	EA8AXT	LU5YF	VK4CAG
NS3L	EU1TT	RV6ARZ	EC5A	LZ3YY	VP2VA
OH2EA	G3ZFC	RY6M	EI8IU	MM0SJH	VR2PX
OK1DTN	G4DJJ	S50B	ES5NC	N0AH	W0GYH
OK1JDX	G4FJK	SM2DMU	FM5GU	N1MD	W0MU
OK3CSQ	GM3WTA	SP6JIU	G3OIL	N2RJ	W1AN
ON5UE	HB9NL	SP6M	G4CGG	N2XQM	W1LY
OZ1HX	HK4SAN	SP9DH	GM3ZSP	N3AF	W2NO
PY2DO	IT9RDG	SV1PL	HB9TKS	N4CRI	W3BBO
R3IS	IZ8XQC	UA0FDX	HL3GOB	N6PAT	W4ALF
RU3UN	JA1VVX	UA3DK	I2VGW	N7TK	W4HHN
T77V	JA6TMU	UA4PCM	IS0/YO3RA	N8IL	W4NF

W4OV
W7DT
W7IV
W8CNL
W8GDQ
W8LMG
W9YE
WA8MCD
WB5TUF
WK4Y*
XE2YWH
YL2SM
YO9FLD