

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 24 Mar 2019, 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.

347 OK1RD	326 K3UL K5UR	SM4CAN W2VO W3LPL	RW2A	300 DJ0MDR F6BKI G3KMA I2ZFD JA7NI VA3EF VE3EJ	294 IK2DFZ PA3FQA YU1FW
344 W8LRL	325 OH1XX ON4UN	314 IK4GME OK7GU OZ1LO	307 DJ7MI I4AVG K8GG		293 K3UA N1DG SM3EVR
340 K1ZM	324 K2TQC UA4CC	313 OH3SR PE5T RG4F	306 IV3PRK KJ9I SM0AJU	299 4X4DK N1RJ OH5VT W7UT	292 CT1EEB K1UO N4CC OM2XW OZ1BTE R7FK SV1AOZ W8TOP
338 W4ZV	322 K9UWA UX0UN	312 IK4WMA K4PI NX4D OE3GCU OZ7YY S50U W1JR	305 DJ9KG IK4MGP	298 DL4MCF GM3YTS K4TEA OZ3PZ SM5CEU	291 JA4LXY KD9SV SP3EPK
337 EA8AK	321 SP5EWY W1NG W3UR	311 DJ6RX G3PQA GM3POI RA7A	304 N4JJ* SM6CVX UA4CR W5IZ WT3Q	297 DK5PR GM0GAV W0CD	290 NN4T SM3GSK W3YX
335 W4DR	320 K5NA OH2BO W8UVZ	310 SM5BFJ SP2FAX	303 DF3CB F5LGE K4CIA K9QVB	296 DJ2BW G4PWA ON5NT UT3UA W1JZ	289 RX4HZ UA3AKO W0FLS
334 VE1ZZ*	319 N0XA WB9Z		302 I4EWH K4SV K4ZW		
332 N4WW R7LV	318 K8MFO		301 DL9KR N4IS S54E	295 F5NTV RZ3AM UA6A W2MF	288 DL1AMQ N1BUG N3XX
330 OH2BU UR0MC	317 W9ZR	309 EY8MM W3GH*			
329 HA0DU UA4HBW	316 I4EAT S50A	308 K5RK			

PA3GCV	280	WD5COV	K9CT	K1GUN	248
RA3CQ	G4BWP		N8RR	NN1N	F5NBU
SL0ZG	SV8JE	271	UT7UW		JA5EXW
UA4LY	UY5ZZ	EU7A		256	K5RX
287	W0JX	G4GED	264	9A5CY	W9NGA
JA4LKB	W2YC	UA3AB	NR1R	JA3FYC	
LA5HE	279	W0BV		K1QX	247
RJ3AA	G3XTT		263	K5VRX	IZ0AEG
	N2TK	270	R3OK	OH3BU	K6ND
286	PA0WRS	K2UO	SM4DHF	PA7MM	KX4R
JA4DND		K4IQJ	W3AP		NO2R
JH2FXK	278	RY9C		255	NQ1K
KV4FZ	DJ2YA	S59Z	262	G4OBK	R7IA
OE6IMD	DK0EE	SP6AEG	G3TXF	N2MF	T77C
SP3E	SP6HEQ		K4SO	W9YSX	
W4PK		269	SV1FJA		246
	277	I0WDX	W1YY	254	AI9L
285	AA4MM	K8KS	W2SM	DL2OE	CT1EKY
G0JHC	DF3GY	N9IW		MD0CCE	DJ2TI
JA3ONB	N2QT	S58T	261	SP6CIK	JA5AUC
N0TB	SP7VC	W1ZC	DL9YX	SV8CS	N6TR
OE1WEU			K2EK		RV3LO
SM6CMU	276	268	K4UEE	253	W2TQC
WK3N	EA6NB	DL5DSM	KG4W	EI7BA	W3DF
	F6BEE	IK4DRY	N6SS	K4QL	
284	G3LZQ	K1ZZ	SM6CCO	RU3FM	245
DF2UU	N8DX	OZ1CTK		W0YG	N5DG
UA3LAR	OK1AWZ	SM5DJZ*	260	W5OZI	N9US
VA3DX	SM6CNN	SP3IBS	DL7VEE		S58Q
		W1MK	F6AOJ	252	VE2TZT
		W6UB	JR2KDN	EA1DR	W8TE
283	275		SP3DV	W3UM	WB3AVN
N4RJ	N3SL	267			
NA0Y	UW2ZM	G4CCZ	259	251	244
RA3DX	W2OKM	NO3M	AA4V	DJ7RD	DK6WL
UX1UA		ON7TK	HB9BGV	JH0BBE	DL9RT
W8AV	273	SP5CJQ	JH4IFF	K1CP	JA1GV
	I5NPH	UT5UGR	JR7VHZ	W1GL	
282	IK1GPG		K4DY	W5UN	243
DL1YD	JH4UYB	266	K9OW	W7LR	AA7A
K3SX	K2CL	IK4CIE		WA4FFW	DK2JX
N2LT	RA3DA	IK5BAF	258		IK5HHA
N4KG*	UA3DPM	K5BG	AA6YQ	250	K5KC
SM3NRY		K5DU	DF4PL	HB9RG	ON4ATW
SM5AQD	272	OE5KE	IK8HJC		
SM6CTQ	9A7V	UA6MF	NJ6P	249	242
	DK5WL	W5ZN	RN3CT	9A2EU	I1FQH
281	DL1DUL	W8XD	SM5KNV	N0AT	I2AOX
DF2PY	JA1BK		VE3QAA	RA3XDX	
JA2PJC	JA2JPA	265		SP5DRH	241
W4TO	KF2O	DL1RWN	257	YO3APJ	CT1APE
	LZ2JE	HB9BIN	DJ9VA		JA3EMU
	US4EX	K4WM	HB9AMO		K5ZK

K8FL	234	RW0LT	222	WB6RSE	VE6WZ
N7RT	JF2MBF	UX4UA	K2AZ		VO1NA
OZ8BZ	K0KX		K6EID	216	
SP5GRM	K4UTE	227	KY7M	G3WPH	211
SP9FKQ	K9OT	ES1RA	N8PR	K1FZ	IV3ODE
VE1YX	KD5M	IK0HBN	SM0CCM	K5AB	JA6LCJ
VE3CSK	PY1BVY	K1FK	W7KW	K9FD/KH6	JA7QVI
	VE7IG*	K3NW		OE1ZL	K4MWB
	YO5BRZ	NT0V	221	RZ0AF	KR9U
240		UA3AP	FK8CP	W6XA	N5KD
DL4CF	233	WX4G	IV3YYK	YO7LCB	N6AR
EA5BM	JQ3DUE		JA1HGY		ON4GG
K1ZG	K0CS	226	K8PT	215	RA3QK
K6XT	KG7H	DJ4AX	W1ZK	JA1UQP	SP8NR
N5TY	TF4M	K2UU		K4XL	YV1DIG
PA4VHF	UA4HAU	ON4AOI	220	N7JW	ZS4TX
W9RPM			AB0X		
	232	225	AB4I	214	210
239	IZ1ANU	IK2YCW	AG8B	HL3IUA	HA7TM
JR3IIR	JH1GZE	K1MM	KA1R	JA2JW	I8SAT
K0JUH	K0KT	K3SWZ	OK1DWJ	JR3GWZ	K0EU
KH6AT	NI6T	N4CH	UX1AA	JR6EZE	K0MN
LY3UM	SM3VAC	OE5NNN	VE3EXY	K1AM*	K1AR
N4XM		RW3XZ	YO9HP	K3SV	K3JGJ
N8TR	231	SP5DIR		N5AW	K8SIX
NO8D	4X4NJ	VA5DX	219	OK1DX	W3YY
SV1ELF	EA4KD		9A4A	OK2ZI	W9BF
UT7UJ	HA9RE	224	K1DG	RN7G	
	IZ4BEZ	K5ESW	K6TA	W4NL	209
238	JG3QZN	K9FD	SP4K		DL5CF
AG9S	K7ZV	N8BM	VE3XN	213	JA0FSB
DL8WN	K9NW	R9FM	W6JRY	DF2IS	JA2FJP
ON4IQ	ON4ACG	S52F	WA2UUK	EI3IO	K5XI
	UA3TT	SP1S		G3ZSS	VE1DX
237	W5XZ	SP5INQ	218	JA5MHD	W0AIH*
DL7MAE		VK6VZ	DJ4PI	JF6DSZ	W6PBI
G0DQS	230	W2RQ	DK0PM	N5UL	
K1VW	JA1CMD		JA8CDT	NA2M	208
OM4EX	K4XP	223	K1LT	RV1CC	IK0YUT
W4YO	N8JV	5B4AGN	K2FF	SK3PY	IV3JVJ
	W4GF	DK3DG	K5UO	US5WE	K2FU
236	W4VQ	DL7HU	K9NR	W0LYI	N4MM
F2JD		IK0XEZ	UR5WA	W1FJ	N5ORT
K1JO	229	JA5BZL	VO1HP	W2WG	NX0I
PY2RO	CT1FJK	J11BEX	W5PJR		RU3ZX
W9XY	K3WW	KA7T	W9IXX	212	SM5JE*
	W1TSP	KC7V		DL9GFB	
235		N2NL	217	JA6BZI	207
AA1V	228	N2WK	AI0O	K1ST	F6BLP
JA2VPO	AF9H	N3NT	JA0DAI	KE9I	K1LPS
K1HTV	K0IEA	RT6T	K5PC	KG6I	OE8RT
N6DX	LU8DPM	SP8AJK	N9BX	N1ZZ	RO7T
R7DX	N7NG		UA3AGW	N6VR	W6YI

W7KNT WA5VGI	RA0FF UT5JAJ WD8PKF ZL3IX	W0VTT W7AO YU3AA	K3JT KG9N N9EN PA0LOU RN1ON W0RI W9MU	KM1D UR5EDX UX0FF W2IRT W6SR W8HB WB9CIF	R5DT S57AC
206 AJ6T DL5WW JA8FKO K2VV K5AQ LA2XPA W2LK	201 DJ5AV DL1EJA I3BUI K3HP K4HB KF0QR LA3MHA N6JV NI0G SM3NXS W6PJ W8GC	197 K1DT K3KO* KK2I OE4PWW OE5FIN RL9F RZ6FA W5TCX	192 AD8P* JF3KON K3FN K5XX K9RT KF8UN N1SV RN3QN UN5J UT7UV W8LGJ	187 AJ1H G4BUE HB9DDO JA1ANR K9LA KN5O N2NS OK1CZ W1ECT W7AWA W7DO W8JV WA2VYA WA6YEE WS9V	183 IT9INO JA1SYY W2FP W8NW
205 HA1RW HB9LCW I1EIS I4LCK JA3AAW JA4DEN S51DI	200 JA1GTF JH2RMU JH7PFD JJ2LPV K2NV K5MC K8AC KA9CFD N9AU RW4NN SM5CZQ W3GG WA7NS WB8ZRL WI8A	196 AA4HP JE1PNX JH0INP K8EUR K8PO KP2A ON4CD RA9CMO RU3QR W2FCR	191 IK6FWJ JA2XYO JH1HGC K4KDX N4II RK2FWA	186 DK2NG IK0XBX K7LAY K9MMS W0LS W3KX W8UN	182 JA1SHE K9ZO N5ZM OZ1AXG RZ3DX
204 K5EK KK4SI N0AV N1LN N7FU PY2BW R5AJ SP7GAQ US6EX	195 4Z4DX G3ZEM JH4ADV K3WA K7SO N5JR S57A W0DD W1TO W9OP	194 DF6PB G3SNN K8FH K9JF KC9ARR N7KA W0UO	190 JA1MCU K2TE N5GH OZ4O VE7VV W2LO W3UA	185 AC4G EA6BF G3KWK N4TJ N5UR RZ4FO SV1DPI UA9CBO W0EWM	181 9A8A IK0MHR JA3PIS K4FJ K4JJW KB1EFS SM0NJO VE3OSZ WA2HZO
203 K4MQG K4XO K8ZTT N4NX OM3DX PA0A R6AF W0ZR	199 AD5A HB9DDZ JA2DPC JA2FBY K1GE K6GXO N4DW SM6BZV VE3LYC	193 DL5ZB DL6ZXG HA5BSW JA1EOD JA7MSQ	189 EA8PP FM5CD JA1DUH JH2TPI K9EU PY2XB UA7T W0FS W0GJ W5DM	184 IK4DRR JF1NZW K4HGX K8ZH K9KU KB4ET N4DB	180 K6SSS KB9LIE N4AH ON5FP SV8BHN UA0CA
202 DL1MGB DL2KQ IK6DLK JA0CRI JA3CSZ JA8EAT JH3VNC LY1G OK1DOT R9TO	198 AA1QD DL1ROJ G3UJE G8VR W0MHK		188 JA1KQX K3LR		179 DL7BA JA5AQC K0SR K8WK OK1MG SM4DDE SP3CGK VE3DZ
					178 A45XR JA4MRL KD0Q LA7JO N8LJ SM7DLK SP2LNW

177 9H1SP AE5E DJ8NK DL9DRA I4KDJ K2EP	KA1J N5FG RK4FD UR5FEO UT9FJ VE3FF	JE7JDL K5QY K8RYU SP5GH UA0SC UA9FAR W4SVO W6VX	W5BN WS6X	160 DL1DA G0EHO JA2EPW JE2OVG K5JZ N7IR N8MR UA0FZ W1BR WA3AFS	SV8ZS W2TA W7TVF* WD8JJA YO2DFA
176 EU1AB JA6BJV JE2URF JF2KOZ JI2KXK K6SRZ K8MN K9RX W2HUV W2YJ W3LL W4BP W4GD W5LT	172 9A2F EA1EVR G3NKC K4NA KA9FOX KJ0M N5OK OE2BZL W4FQT	167 DK5AD K4XR K5EJ K6KO N0IJ N7US RA1AOB RN9N S51EC W1YM W8TN	164 AA5AM HA7UW HB9BZA JA2IVK JJ3PRT K9US KC6AWX LX2A N7RO NE0U OE1WHC W4NS WA5YNB	159 GU4YOX K4RO K6FG UA0SR UX5UO W1TC W6BJH W7SX	156 EA3WD IZ1LBG JF4VZT JG3IWL JO7HAM N4GN N4QS UA3SAQ W1YIF W4TV
175 AG4W IK2QPR JA1CHN JA8DNV JS3CTQ K4DLI K7BG SV1RK	171 JA5IU JA6HUG JR1TNE K2FL N4OGW SM6DHU UA1OMS	166 DJ4SO HB9CXZ IV3TDM IZ8FWN JA1FNA K3KY K4PB K8NK N0RN SM5FUG UR3EO W1RR W6NWS W8ILC WA8TXT	163 EA6VQ IW0SAF JA2NDQ K6ZZ K8TL N4QQ SM7GIB W0DJC	158 DJ4PT DK2GZ DL1FKA HA5WA IW1ARB JI1FXS JR1GJP K0DEQ K2PLF K4ZYU K5TT K8ND LA3WAA N3BNA SM4EMO US8UA VA2WA W1OX	155 AA1ON AD5Q DL1RK JA0GJJ JA2WYN JA4FKX JE2LUN K1NJ K8YSE WP4U ZS6EZ
174 AB4IQ I6FLD JA2XW JA7JWF JF7DZA JK1OPL JR6PGB K4TR RN7F SV1JG UT2UB WT8C	170 JA6JPS JM1GYQ K1NTR K4WS K5KLA RA1QD SV3KH VE3BW W9EVI	165 AA9D DL7UCX K0JGH K1NU K4XD K8VC KF7PG KK4CB N8BJQ RM0F SM4CTT UY1HY UY5AA	162 F3AT I5KKW IK4PLW JA6GIJ JA7ZP K1KI K4JLD ND0N W0HT W1LW W7MEM WA4LOX	157 AA4H JA0UUA JA1GHH LB6KC LY5A N5WA NE9Z RA3ZH RU4UR SM3PHM	154 4O3A GM3PPE JF8QNF K1BD K1GG K7NN K8NVR K9NU KS1J N1RR NW7E PA7F W4FC WA7NB WX0B
173 AB6QM IZ8FFA JH2UVL K9YY	169 AA9A DJ6TK HA9PP JA0DET K1LI K5RT KV7K N4XX N8DJX OK1DWC WE9R				153 DL3ZA DL6RAI G3TJW JF1IRW
	168 G3MXJ				

K7GM	4Z5MU	147	SM4OLL	K5WK	137
K8RRT	DK2LO	DJ5FI	SM5CLE	NE1B	DL5KUA
K8VFB	DM3VL	JA1XQC	W1NT	OK2ZV	DL6KR
N4PQX	F6HDH	K2KA	W3YQ	ON7DR	G4FTC
N5LZ	IZ5MOQ	K2LS	WB8BPU	PA3C	JA3APU
N5TW	JA2NQG	K4CN	WC5M	RA3DNC	JA9TWN
N8II	K2UR	K4RG	WD5T	W8LWU	JE6TSP
SM6CLU	K7LV	K8AJS		W8OI	JR9OPJ
SP5CCC	K7SP	K9MBQ	143		N2PK
UT5UY	KB8VAO	KM1H	DJ9ON	139	N4XP
W1RM	OE8SPW	KU4XO	DL6EN	9A1CAL	OE2LCM
W1YW	OZ3SK	LA5IIA	DM2DXA	DJ4XA	RG7G
WJ4T	W6DAO	SM6CUK	IZ4DPV	DL5EBE	SM6VR
	WA1Z	VE3CFK	JA3GN	DL8OH	SP3GTS
152		VK4MA	K0QC	I5HOR	UU1JA
DM5EE	149	W2KKZ	K5KV	IF9ZWA	W1ITU
JA1ADT	DL7CX	W4QN	K7CMZ	IZ8VYU	W5ODD
JT1CO	F3SG	W7BEM	N5UW	JA1PPW	WB5JID
K9YC	HB9DHK		NR4M	JF2UPM	WD9DZV
KB0EO	IK0FVC	146	PY5EW	JH1TWT	
LA5LJA	IK2EGL	4Z1UF	R8TX	K3ANS	136
S55ZZ	IK4FNF	9A4W	W1ZT	K5GKC	HK3W
UA6IGI	JF1PUW	EA3KU	W8KEN	K6AM	IK8CNT
UT5AB	JL1ARF	EA5BY	W9RN	K7WP	IW2FND
VE6LB	K4YYL	JA1HQG	WB8ZRV	KJ9C	IZ3ENH
W2RS	K8ME	JA9LJS		KU0A	JA6VQA
W3GQ	N5JB	K5SM	142	LA8WG	K0TV
W5DNT	N9OY	KS3F	EA1RT	N4GG	KR6C
W6RLL	UW7UA	VE6WQ	G4GIR	SP1MGM	OK1DW
W7AJ	W0GG	W1IZL	HS0ZEE	SV8ZC	OK1MP
WB3CQM	WB8B	W5XC	JA3RAR	UR4CWQ	RU6M
	YO3DDZ	W8WEJ	JH2QMT	W9XQ	SM5OJH
151		WD5BJT	JH6QFJ		WD5K
DK2OY	148		K4WZ	138	YL2TW
JA2JNA	AC6DD	145	K8UT	7M4HXF	
JA6BEE	F5CQ	DJ9HX	N4HB	DK8YY	135
JA8NFV	JA2BDR	F6DAY	NA4D	EI9FBB	5B4MF
JE1BMJ	JR7BDQ	JI1NJC	W2OO	EW2A	9A2JK
JH2SON	K0KVR	JJ3HGJ	W2XL	F6DDR	EA8JF
K2FW	K9GA	K0BJ	WA5POK	I2ZGC	IK0PEA
K3PA	KR4F	K8BL		IK8EPC	JA7LMZ
OK1ATP	LB8DC	LB2TB	141	JH1QAX	JA8BNP
ON6SAS	N2WB	RW7M	DL5MHQ	JR7MAZ	JA8JL
RA3AUU	SP7HOV	W2XI	EW1BA	LA5YJ	N3OC
RD3A	UA2FF	W4UM	IK7NXM	N1IBM	N4PY
S54A	UA6YW		K2RW	N2WM	RN3RQ
SP7AWG	US0KW	144	NK1K	N9FN	SM5CZK
SV9AHZ	W4DKS	EI6IZ	VE3CV	RT0F	SV2JAO
W5GZ	W5FIX	GM3ITN	W1AX	RW4CY	W1DIG
W7RH	W5FKX	JH1GNU	WA0MHJ	W2YE	W2GD
	W8UV	N3KK		W4YV	W4MBD
150		NI0C	140	W7OM	W4RFZ
4Z5CX		SM3DTR	JA0EOK	WS7L	W5ZG

W6JTI	N1IX	RU1AO	JA2KVD	KL0S	N6MZ
W8VVG	N6HY	VE3DO	JA8RJE	KR2Q	N9JV
ZS1C	OZ2RH	W2MPK	JA9APS	LZ1XL	NA2P
134	SM2OAN	W2QO	JS2LHI	N2KA	NN4R
DK1FW	SM4BZH	W4VIC	K0RW	N3EN	PA5TT
GM3YOR	SM6BGG	W7JY	K3NK	N4JT	UA0BA
HB9BYQ	VE3CRG	W9ZT	N1AC	ND5S	UT3QU
I1JQJ	W4AXL	129	N1CGP	NW6S	W6CYX
IK4DCS	W4BUW	DK7YY	N1GC	OE1AZS	W6RKC
K1TO	W4RBO	I5MXX	N3QE	RA0BA	YO2RR
N4TV	W4WM	JA1NWD	N5PHT	UU7JM	122
N9RC	W5SL	JA7LGE	OE8HIK	VE3UTT	F5LVL
N9RS	W8HC	JA8JO	SK7AX	W1EQ	G3NDC
NN4X	WB7B	JE2LPC	SP7ASZ	W2OR	G4WFO
RG6G	YV2IF	K6XM	W0RT	W8HW	IT9GSF
RU0SN	131	N0YY	W3BW	W8MET	JA1MRM
UA0ACG	EA5RM	N0YY	W3MF	W9CG	JA1XEC
UY0ZG	IV3KFB	N3KS	WA8WV	WW2DX	JL1SAM
W4JKC	JH1IFS	N3RR	126	124	JN7FAH
WA3C	JJ1TEA	NJ3K	DJ8WD	AA7XT	K2MP
YL2MU	JO7WXN	R3LA	F8BPN	AB9V	K3OX
YU1AM	K1OA	SM3BCS*	G4IUF	HL2CFY	K3XA
133	K3MSB	128	IV3RAV	JA4IYL	KM3V
9A4T	N4QWZ	HB9IQB	JA2FBC	J11DHY	LA8PT
CX6VM	ON4ON	IK3SWB	JH7IAJ	K2AX	N2ZN
EU1U	R0SR	IT9BLB	K1ZE	K3VAT	N4DWK
JA1PTJ	R9MJ	JA2KSP	K2ZD	KD4POJ	NE3F
JA4DHN	R9SA	JA9AA	K7HP	KF8DX	NN7X
JA7GLB	W0SD	JE1LFX	K8NS	KX4TT	ON4CAS
JF1WPB	W2CG	JG1ULJ	OE1TKW	NX8Y	OZ3Y
K2CDJ	W6RW	JH1QDB	OK3CQD	ON6YH	RD4A
K3TN	W7YAQ	K0FF	R9AB	SP6A	UN7LZ
KU2A	W8DCH	K4JAF	TF3SG	VE1DUN	UT5EL
LA7AFA	WA2BCK	KH2L	VE3CX	W2RIJ	UU4JMG
NQ7R	130	LA4GHA	W1SKU	W3BG	VK3HJ
OE1KM	AD6W	N5MOA	W7QHE	W3FM	WE1P
RV4LC	DF9ZW	R9SG	W8REW	W9FR	121
SP6EQZ	DJ9ZB	S53X	WD4LBR	123	AA6RR
UQ2PZ	DK8MCT	SM3LGO	YU1EXY	EA5CI	DF1DB
VE3WT	DL4SZB	UT3UZ	125	ER0FEO	DK1EI
W0NFL	E73M	VQ9LA	AA4SC	IK0FUX	DK6CQ
W2OIB	HK0HEU	W2WC	EI2JD	JA0CRG	F4GTB
W6QUV	JA2TBS	W4IS	G7VJR	JA3MHA	G0OIL
132	JA6CBG	W5LUA	GW3TMP	JA7KY	JA2AHH
AA4NC	K2MYR	W8RLS	IK4ADE	JE1TSD	JF2XGF
JA3DY*	K7LFY	YO3CD	IZ4GWE	J14POR	JN1BMX
JA9RRH	K8BCK	ZS6UT	JA2ATE	JR1EBE	K1YT
K3PP	N3RC	127	JA6VU	K2PK	KD8RQE
K6YUI	NO9E	CT1IUA	JE6UWU	K5GH	KM4H
K7FL	R3VA	JA1DDH	K0TT	K9CS	N7BT
	R9OK	JA1WLO	K1HAP	N2ED	OK2QA

UQ1GWW	W4HZ	W5AJ	S51NM	SM5ARL	W9AJ
UT4EO	W5QP*	W6SL	SP2BMX	SP3EPG	W9SE
UU2JQ	W7CT	W7RN	UA1ANA	SV2AVP	WA8OLN
VA3AYA	XE1RCS	WA1PMA	UA6XT	UT8MM	ZP6CW
VE6SV		WN6W		W4JAM	
W2GG	118	WO2T	114	W8FAX	111
W6XI	DL5OCE		BA4DW	W9VNE	AB2E
WF4U	DL9MRF	116	CT3FN	W9XX	AF4OX
XE1VIC	EA3GP	DF2RG	DL5CW	WA1FCN	DK2WH
	F6FXU	DL7URH	DL6NB	WA2USA	DK6ED
120	JA4FHE	G5LP	F6CWA	WA9YYY	EV1R
9A5F	J18DGO	HA7PF	G3SDL	WB2HJV	G3PLP
DF7EE	K4CNW	HB9HFN	HA1RB	WB8K	G4DBN
FG5FR	K6KLY	HI3T	HP3TA	WS4C	JA1AUD
HB9BLQ	LZ2HM	IK0EIE	IV3DXW	ZL1BYZ	JA1FGB
JH1NYM	N1JP	IV3HYD	JA9FPI		JA2VQF
K1USA	N2MM	JA1RTX	JH6WMJ	112	JA5WIZ
K2BA	N3UA	JA1WTI	K2DC	A92IO	K5UZ
K3QIA	N8PW	K7ZA	K3OSX	DJ1RL	K7ORK
K4WA	OH2BLD	K8DV	K5RJ	EW1DO	K9AJ
K4ZIN	PY2PA	KD6UO	K8RF	G3XGC	KM1R
KA8ZPE	RN3TT	KT1V	KZ4V	HB9CRV	KT1J
N4TB	SV5DKL	N8XI	N5KM	I5OYY	KZ0X
SP7ITB	TA2RC	N9UA	NU8Z	IK0IOL	LA0CX
UN7JX	W4NJ	PA0JSE	OE3EVA	IZ4DIW	LA8HGA
W0CP	WT4Q	RV3ID	PZ5RA	JA1SVP	N4WJ
W1AO	YO4AUL	W1ENE	UA3FT	JA1SXR	UN7TW
W1VT		W1OP	W4TUN	JA2ZL	UR6QA
W4PRO	117	W1WEF	XE1H	JA7BXS	UT1UY
WA9PIE	9Y4VU	W7GG	XE3ARV	JR7TEQ	VE6KC
	AE0P	W7OEV		K0JPL	VE7CT
119	CT3HF		113	K1KO	VE7UF
CT1EAV	DL1DWT	115	9A1A	K2QMF	W4NU
DK3GG	G3LAS	AE3T	DJ5DT	K4UAS	W4OX
DK3UA	I4MKN	CU2CE	DL8CM	K8CC	W5AQ
G3UHU	JA1HQT	DK3WW	DL8DYL	KI4DLS	W5DAW
HB9AAQ	JA4FM	DL1DUO	EA5KA	KM1C	W6BK
HB9BCI	JA7IC	DL9GOA	EA7TV	N3NR	W7VS
JA3AZD	JM3GXU	EU4A	JA4ITW	N4ZY	W7ZI
JA4XGC	K4OY	HA5UK	JA6WJL	N6MA	W9RB
JH6CDI	K6PJ	JF3LOP	JR6LLN	N6MB	WA2MUA
K2HK	K8QM	K0SD	K4GHS	N6RK	WB9EEE
K4SE	KI4WCQ	K4GK	K8LN	NA5DX	XE1KK
K6NR	N4IR	K5VIP	KH6DX	RU4SU	YL3DQ
K8KWT	N4UFP	K6SIK	KI0G	SM3DMP	YO6HOY
NN2L	N8AA	K8YTO	N4DJ	SV3FUO	
NT2A	NY4G	LA6OP	N7KO	UA1ACG	110
NY2NY	SM7BIC	N4OA	NI5F	UN6T	5B4ALJ
NY7T	UA6JFG	N8KOL	OH6NIO	UT6UD	DL1VDL
OH5NG	W0IZ	OE4VIE	R7NA	W1HEO	EA5BYP
OK1DT	W2JU	PA3AXU	RA4UN	W2CVW	EI6FR
SV1ACK	W4DAO	RA3WDK	RN3OG	W4VHF	F5BAR
SV1IW	W4ZRZ	RW3RN	RZ3AUL	W6TC	G0BLB

G3LNS	N4BAF	WA8MOA	JE6IGP	HB9DHG	G3BRD
HB9AZZ	N9HF	WD9EQU	JG3HBO	IK3XJP	G4RGK
I2BBJ	NA5C	WW3S	JJ0NCC	JA1BWA	HB9CIP
JA9KRO	NN4RR	YO9FNP	K0DEW	JA1TAA	HK3O
JH1VHU	R7LP		K1PX	JA1VLK	HS1NGR
K0CA	RW4UU	107	K1RO	JA6VA	JA0GCI
K1EO	RX3AGD	4Z5LA	K1ZN	JA7BME	JA7GYP
K1ESE	TG9NX	DK3FB	K3TRM	JH1RFR	JF1EGO
K1RV	UB5ZAL	DL2CHN	K3WC	K2MK	JF6WTY
K2RET	W5WP	DL5XU	K4DSE	K2XF	K0WK
K3JRR	YV3AGT	EA5AT	K5AM	K4WY	K1BG
K4TT		EU1KY	K5ZQ	K7OX	K2BLA
K6LPO	108	G4AKY	K8JJC	K9RO	K3AJ
K6VKO	AI2Q	I5IHE	K9SG	K9ZM	K3PH
KB8U	AL7R	IK2CHZ	KC2LSD	KI5T	K4MF
N1EN	CT1GFK	JA5EY	N0JZ	KQ3F	K7TJR
N3HBX	DJ9RR	JA8JTH	N2CW	KT2E	KA2BZS
N3IQ	ER1LW	KE2R	N3ND	LZ1JZ	KO8SCA
N3JB	G3SVD	KS4YT	N7NR	N0KV	KW0A
N4KE	HB9BAT	N2RR	N8AID	N4JI	MM0EAX
OZ1IKY	HB9G	N8AGU	NI5M	N4NW	N3DAP
PY5HOT	HC1BI	NA1DX	NY0V	N4SC	N4IQ
SM5BHW	IK0PRG	OE1CP	NY4I	N4VN	N4TTE
UN9L	JA2MOG	OK2BUZ	OK1AYU	ON7PQ	N6PE
UR5MID	JJ1DWT	OK3CQR	OK2BVG	PF7M	N8MZ
US7MM	K1XM	PA9RX	R5QA	PJ2/K8ND	NN3Q
W4DC	K2KQ	R0FA	RU3DX	PY5CC	RA1QX
W4GE	K4JKB	RN4AA	SP6AXW	R6YY	RU3UR
W4NE	K4XU	SP3BQD	UT7UU	RA6AF	RZ6DX
W5ZPA	K6UT	UR9IDX	UU5WW	RD4WM	RZ6LB
XE2X	K9MK	US5CB	V73AZ	S57AL	SM5CCE
YU7AU	KK1W	W0UY	VQ9SS	UA6LCN	SM7CQY
ZL3NW	LU2DKT	W1KSZ	W1CWU	UR1RWX	SO5AS
	N1BZ	W6TDX	W2GPS	UR2RGN	SV3FUP
109	N7WS	W7AL	W4IR	VY2ZM	SV8GFW
AA4U	N8OC	W8NJR	W4ZYT	W4OWY	UA3O
AJ9C	PA0ZH	W9CPV	W5JAY	W6FF	UA9FGJ
BA7IO	R7LA	WN0L	WA4MYO	W8OP	US5CAO
DL2VWR	RX6DX	YL1XZ	WS1L	WQ5W	UT7EC
EA3GHZ	S57J		WW1WW	YU1NR	UX4UM
F8EZE	SM6AOU	106	YL2GN		UY0MM
HB9FMN	SV9COL	AA4FL	YU3EF	104	W0VHF
IT9DAA	UX7UN	DJ6OZ		9M2AX	W0YBS
IZ7EVZ	UZ6LWZ	DL2NOM	105	AD1C	W1QA
JA2CXF	VE6AX	DL3JSW	AA3AZ	AF4HX	W3DRY
JF2WXS	W2UB	EA3CCN	CT3KN	CP8HD	W3TMZ
K0TPP	W2YR	G4AFJ	DF8AA	CU3EQ	W5CWQ
K2ONP	W5VX	HA8DZ	DJ3XD	DL1QQ	W6PH
K4RDU	W6RFL	IK5RUN	DJ6KH	DL4FAP	W7DR
K5KA	W7ACD	IT9DSZ	DL6XK	DL4MM	W8HMK
KE1F	W9ILY	IZ5NFD	G3YUY	DL5CL	W8MIL
KL7RA	W9NIO*	JA3ENN	HA8FW	EA8ZS	WA6TLA
N1QY	WA4DOU	JA9NFO	HB0CC	F8GB	YC0LOW

YO5ODE	RU3OW	LZ2ZG	DL1KS	OK1PGF	FM5GU
103	SM3CBR	N5RZ	DL5JS	OK2BOB	G4CGG
3V8SF	SM6EHY	N9MR	DL7JRD	OK3EY	G4FJK
AG1I	SM7BHH	NA2U	DM3ML	OK4MM	GM3ZSP
AI3Q	SV1LK	NA5Q	EA1WX	RA3AH	I2VGW
DF2PI	UA3PFN	NA5Z	EI2GLB	RA4P	IS0/YO3RA
DJ1MM	US2WU	NU4I	ES5RW	RA4SD	JA1BRK
DJ7PI	VA2ZO	OH2EA	EU1TT	RB7GG	JA1CPU
DL2HX	VA3IC	OK1DTN	G3ZFC	RK9F	JA1NCZ
DL8YRM	VA3LX	OK1JDX	G4DJJ	RY6M	JA3OOK
DM5TI	VE3KI	OK3CSQ	G4PUQ	S55DX	JA4FSH
EA7SG	VE3MFA	ON5UE	GM3WTA	SM2DMU	JA5DQH
EU6MM	W0UVC	PA0TCA	HB9NL	SP6JIU	JA7MOL
EW3LB	W0VX	PY2DO	HK4SAN	SP9DH	JA8EJO
F6AJA	W1CTN	R3IS	IT9ELD	SV1PL	JA9CGW
G3BDQ	W2TB	RK3QY	IT9RDG	UA0FDX	JE1FQV
G4AAW	W4AVY	RU3UN	IZ8XQC	UA3DK	JH3GCN
G4VGO	W4MZ	SM5CBM	JA1VVX	UG6GAW	JM1FHL
HK1MW	W4TMR*	T77V	JA2MNB	UR7CQ	JO7KMB
JA1TMG	W5VU	UA1CKC	JA6TMU	UT1CC	K1NA
JA2FGL	W6SZN	UA6HOF	JE2DZC	UT4IS	K2BX
JA2GQO	YO7APA	UA9MR	JE3GRQ	VE3XB	K2CBI
JA4OK	102	UA9UCO	JH3HGH	VU2CPL	K2CYE
JH1DGQ	A6/RV6LNA	UW7CN	JH3PRR	W2SF	K3MD
JM2RUV	CT4BD	VE2FYR	JI3KDH	W3HKK	K3SW
K2UVV	DK3QM	VR2MY	K0LW	W4BUE	K3TZV
K4KEW	DL3DXX	W1PV	K1YR	W4WT	K4FT
K4LQ	F6BWO	W2/CT1GIF	K3SEW	W7CB	K4KSY
K5JUC	FM5WD	W2EQ	K4ODL	W7HPW	K4UQC
K5KPE	HB9AHL	W2LE	K6AAW	W7JW	K5JC
K5WAF	IK2ANI	W2LW	K7AR	W8GB	K6UM
K7EG	IT9SFT	W2TX	K7IA	W8ZR	K7VIC
K8CCV	JA1SJV	W3EKT	K8BN	W9MAF	K8BKM
K9MUG	JA2OLJ	W3MR	K8ROX	WB3D	K8BZ
K9XJ	JE8TGI	W4JVN	K9PG	WB3HLH	K8CS
KJ7WY	JR0EQQ	W5TO	KE9ET	WB3JFS	K8LE
KV4T	JR3OEH	W5VQ	KG7CW	WR2G	K8OM
N0RU	K0YN	W7IUU	KN6J	YO6BHN	K8SL
N2JJ	K2CJ	W8FIB	KQ1F	YV4DYJ	K9NZ
N4LR	K2LP	WA0IDK	KY6R	100	KA4RRU
N9BBQ	K2TK	WD8DSB	LA2GV	9M6YBG	KC4D
N9SF	K3KG	WL7E	N0OK	A41ZZ	KD8BZY
NE0DX	K4AQQ	WS4Y	N2AJ	AA4AK	KF6HI
OH3GD	K4CMS	XE2S	N2WLG	AB4VV	KM4NS
OK1DQT	K4LM*	YO2IS	N6EE	CT3MD	KP4N
OK2BQU	K5GO	101	N8AG	DJ6OI	LA8W
OK3BRK	K7BHM	AA4NU	NA4EA	DK1WB	LU5OM
OZ7JZ	K8BHZ	AC9S	NU4Y	DL1TPY	LU5YF
R9GM	K8OQL*	AJ4A	NZ9Z	DL3ANK	LZ3YY
RA0FA	KD0PO	D44BC	OA4TT	DU7ET	MM0SJH
RA3CO	KG9Z	DH2FW	OE3WQB	EA3ALD	N0AH
RA4HT	LA3ANA	DK9WI	OH3TY	ES5NC	N2CG
			OK1DO		N2RJ

N2XQM
N3AF
N4CRI
N6PAT
N7TK
N9ADG
NA3F
NZ9R
OE5JDL
OK1DXD
OK2PAZ
ON7GB
ON9CC
PA0INA
PA7RA
RA4LW
RA6XB
RL3BZ
RM3DA
RN1A
RT5A
RU3GF
RW9QA
S53MJ
SM0BYD
SM5AHK*
SV1VJ
SV3DCX
SV8CKM
UA4PAY
UN1L
UN6P
UR4LRG
UR8IDX
UT4EK
UT7KF
UW7LL
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VP2VA
VR2PX
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W1AN
W3BBO
W3WH
W4HHN
W4NF
W4OV
W7DT
W7FI
W7IV
W8CNL
W8GDQ
W9OO

W9YE
WB5TUF
WB7QXU
WK4Y*
YL2SM
YO9FLD