

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 Dec 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 Digital 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	N4IS NN4T SM3GSK UA6A	VA3EF
341 EA8AK	325 EY8MM K9UWA UA2FF	316 IK4WMA K5RK N1DG OH3SR W2VO	310 I4AVG I4EWH RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM3GAV	299 K4TEA N1BUG SV1FJA UX1UA W7UT
340 K1ZM	324 K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 IK4MGP	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG UT3UA	302 SV8JE	297 DK5PR N4CC OM2XW W0FLS
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK	296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ
334 N4WW	321 WB9Z	312 OH1MA S54E	306 DL4MCF EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SV8CS	295 K3UA
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW		294 DL1AMQ JH2FXK LA5HE
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR W9ZR				
330 AA1K HA0DU OH1XX R4GM	318 4X4DK				
329 K3UL UA4HBW					

N0TB	WK3N	281	I2AOX	K8PT	K5KC
RJ3AA	287	DF2PY	IK4CIE	RA3XDX	N6SS
WD5COV	DL1RWN	JA2PJC	K2UO	W1MK	NO8D
293	G3XTT	K1CP	K4IQJ	267	SP1S
JH4UYB	N2QT	S59Z	SP6AEG	G4OBK	UX0FF
S58T	RK4FD	W4TO	UW2ZM	LU8DPM	260
SM3NRY	VA3DX	280	274	RW0LT	I1FQH
292	W4PK	EA6NB	CT1EKY	RZ3DX	K1LT
G4BWP	286	KG4W	G3TXF	SP5DIR	K4DY
IK1GPG	DJ2YA	RV3LO	JA8ISU	W1GL	UT9FJ
IZ0AEG	K3SX	SP6HEQ	KF2O	266	259
JR2KDN	N3SL	YO3APJ	W6UB	K1QX	DF4PL
OZ1BTE	PA0WRS	279	273	NR1R	G3ZSS
SM5AQD	UA3AB	F6AOJ	IK8HJC	R3LA	K8FL
SP3IBS	UR5WA	IK4DRY	K2CL	W8TE	R9FM
SV1AOZ	UT7UW	JR7VHZ	K5BG	W8XD	258
W3YX	W8AV	N2TK	MD0CCE	265	KW9A
W5ZN	285	N5DG	RA3DA	AA4V*	N2NL
W8TOP	G4CCZ	SM6CNN	SM6CCO	AA6YQ	RN3CT
291	K5XI	SP5CJQ	UA3DPM	AA7A	VE3QAA
9A7V	284	UA6MF	272	EA5BM	257
I5NPH	NJ6P	278	9A2EU	EI7BA	AA1QD
KD9SV	SP3DV	DK0EE	DL1DUL	K4XP	JH1GZE
R7NW	UX1AA	F6BEE	DL2OE	YO5BRZ	K1GUN
SM6CMU	283	HB9AMO	OH1LEU	264	K9NW
SP3E	DL7VEE	JA3FYC	PA7MM	IK2YCW	N4II
UA3LAR	JA5EXW	K5DU	SP6CIK	K7ZV	N8TR
UT7UJ	JH4IFF	RU3FM	271	N3NT	W9YSX
290	K4SO	277	EU7A	R5AJ	256
UA3AKO	N7NR	AA4MM	G4GED	263	9A5CY
UT1UY	NA0Y	DJ9VA	JA5AUC	IZ1ANU	JA5BZL
289	NO3M	DK5WL	OZ1CTK	K9OW	K5VRX
JA3ONB	R3OK	IK5BAF	SM5KNV	KX4R	KY7M
K0KX	SM6DHF	K1ZZ	SP9JZU	LA5IIA	SV8GFW
K4WM	282	OH3BU	270	W2SM	W1TSP
N8DX	DL1YD	ON7TK	AA1V	W3AP	W3DF
RX4HZ	HB9BIN	SP9DWT	KD5M	262	255
US4EX	I0WDX	276	LA3MHA	G0DQS	IV3ODE
US5WE	IK6DLK	F6GCP	OE5KE	IK5HHA	K4QL
288	K8KS	G3LZQ	SV8BHN	KR9U	N2MF
CT1APE	K9CT	N8RR	269	N5KD	VK4MA
HB9BGV	N2LT	N9IW	K6ND	W1YY	W3KX
PA3GCV	SM6CTQ	OK1AWZ	W1ZC	261	W5OZI
SL0ZG	UY5ZZ	VE2Tzt	268	9A4T	254
SP7VC	W0BV	275	DL5DSM	DL9YX	I1EIS
UA4LY	W2YC	9A1CCY	G3WPH	K2EK	N0AT
W0JX		F5NBU			

OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	OK1CF	237 DL7MAE IW1ARB OM4EX WA7NB	JA8EAT K2AZ K4XL NI6T UA3AP	226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
253 5B4AGN IV3YYK JQ3DUE K5ESW R5DT S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 AB4I K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX	K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT
252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	240 EA6ET JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN	230 JA1CMD JA2NDQ KD0Q N8JV SM3NXS W4GF W4VQ	225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW
251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP JA1HGY ON4IQ SV1RK	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF UW5ZM W3LL	234 IK6FWJ IZ8FFA JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI	229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 IZ8FWN MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ
250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	238 AC4G DL8WN IK0XEZ IZ1LBG NI0G RA0FF VO1HP	233 DF6PB DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO	228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI KV7K N1LN RT6T SV2JAO UR5FEO ZS4TX
249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H		232 EA1N FK8CP	227 DL7HU ES1RA I3BUI IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV

K6EID K8FH K8ZTT N4PQX N5AW N5JR N8PR N9BX SM0CCM	K5UO UT4MF W5PJR 217 DM5EE JH1IFS K5PC ON6YH UA3AGW	W0LYI W1FJ W2WG W3YY WP4U WS9V 212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF	208 G3NSM I4LCK JA9FPI JF4VZT K2FU LA7HJA N5ORT RU3ZX RX3APM UN5J UY1HY W6PJ W9EWZ	K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX 200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W3GG
221 JA2WYN JJ3PRT K4MWB K8SIX LA7GIA LB8DC N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF 211 EA1RT IK4DRR JA4DEN K3WA RU3SD	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC WA2HZO	JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W3GG 199 G0BNR JA2DPC K6G XO KB8VAO N4DW W1TO YO2DFA
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R OZ1AXG VE3EXY	215 JH0INP N7JW W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV RV0AR UW7LL W7JW	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DK2LO DL1MGB DL2KQ DL9DRA HB9DDO JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR W1NT ZL3IX	N4DW W1TO YO2DFA 198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC W8HB
219 IK3VUU JA2FBY JA2FJP OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA K5RT KG9N N9LB VE1DX W0ZR W7KNT W9OO	205 F6EXV I4KDJ JA3AAW K9YY KA9FOX W8UN WB8ZRL	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO	197 G3SNN JA0EOK JE1BMJ JH1QAX JH2UVL K8NVR LA7AFA OE4PWW OE5FIN
218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO				

ON4CD	HA5BSW	EA8PP	SV1DPI	K6SSS	176
RZ6FA	K4ODL	FM5CD	UA9CBO	K7BG	EU1AB
UA0SC	N5LZ	K4CN		LA9AJA	G0BLB
UT5EL	N9EN	KB1EFS	184	N1RR	I6FLD
W0FS	PA0LOU	SM0NJO	HA5WA	N4AH	JA0DET
W4UM	RN1ON	SP7HOV	JF1NZW	ON5FP	JA5IU
XE2X	UA0CA	UA7T	K4HGX	W1RM	JA6BJV
	W9MU	WA3C	K5KLA	W7BEM	JA8KSF
	WA2VYA		KB4ET	W8TN	K8MN
196		188	N9RC		N5OK
4Z4DX		AB4IQ	S57AC	179	RL3FA
AA4HP	192	CT1FMX	US8UA	IT9ELD	SM5FUG
IK4PLW	9A2NA	JA1KQX	UT2UB	IW0SAF	SP1MGM
JA3RAR	JA7JWF	KB0EO	W2YJ	JA9NLE	W4BP
K8PO	JH1RFR	KE9ET		K0TT	W4GD
KP2A	K3FN	KL0S	183	K8WK	YO7NE
ND0N	K4FJ	N8LJ	CT1FPQ	N2PK	
RA9CMO	K5XX	RM0F	HK3W	OK1MG	175
RZ4FO	K7GM	W1YM	IT9INO	S57UN	JA1CHN
W2FCR	K9EU	W6SR	K8RRT	SM4DDE	JG0CQK
	KF7PG	W8JV	K8VC	SV3FUP	JH2QMT
195	LA0FA	WA6YEE	N9MB	W8KEN	JS3CTQ
EA3JL	N4DB		NN2L		K4DLI
EA5RM	NE1B	187	ON6SAS	178	LA5LJA
G3ZEM	W3UA	AJ1H	W2FP	4Z5CX	N7IR
JA1EOD	W3YQ	JA8DNV	W8NW	EA3CJ	PE1L
JN7FAH	W8LGJ	K0SR		JA4MRL	TF3SG
K3PA		K6SRZ	182	JL1SAM	VE3FF
K7SO	191	KN5O	DJ9ON	K2UR	W8HC
K9RT	CT3MD	N2NS	DK3UA	N7XR	WA9PIE
KF8UN	JA1ANR	OK1CZ	JA1SHE	NE0U	WX0V
N1SV	K0BBC	SP3FAR	JA3ENN	SM7DLK	
W5ZG	K0JGH	W7AWA	JR7BDQ	SV1JG	174
W9OP	K8FC		N3OC	W6NWS	JA0GJJ
WN6W	K9LA	186	UR3EO	W7MEM	JA1PPW
	RK2FWA	IK2QPR		ZS1LS	JA2XW
194	WE9R	JA2LCP	181		JA7MOL
JA1XEC		JA2ZL	DK3WW	177	JF7DZA
K4KDX	190	K0BJ	JA2BDR	9H1SP	JK1OPL
K9JF	IZ8XQC	K7LAY	JA9TWN	AE5E	JR6PGB
KB9LIE	JA0VSH	YL2TW	JN4MMO	CT1GFK	K1KI
OH2IS	JA1DUH		K2EP	K3WC	K2KA
SM7GIB	JA1MCU	185	LZ2ZG	K4RG	K3AJ
W2LO	K2TE	AB6QM	VE3OSZ	K5GKC	K4TR
W4FC	K9KU	CT1EAV	W9AJ	K9NU	K4WS
WD8JJA	KM1D	EA6BF		OK1DWC	N1EN
	N4XU	G3KWK	180	PY5EW	OE1WHC
193	N5GH	IK3SWB	4Z5MU	SM6DHU	RN7F
CT1IUA	SP2LNW	K5ZD	DM2DXA	W2OR	UA3LNM
DF2GH	VE7VV	LA3WAA	DM3VL	W5LT	W8UV
DK1FW		N4TJ	EA8JF	W7FI	W8VVG
DL5ZB	189	N5UR	IK4ADE	WB7B	WT8C
DL6ZXG	9A2F	OE2BZL	JE2URF		
EA3WD	AA1ON				

173 5B4ALJ I1JQJ JE3ENP K1NTR K4XR K9YC KA1J N5FG RC9F UN9L W3IP	WA3AFS 169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7YAQ WB3JFS	S51EC W1YW WA4LOX WB0TEV WC5N 166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYOU RM3DA W0DJC W1RR W8ILC WA8TXT	WW3S 163 9A2JK DJ9HX JE2LUN JH4CPC K7NN K8TL OK2QA RW3RN UR4CWQ VE3CFK W7AL	JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	157 AA4H AC6DD DL4MM EA5BY G3TQZ HB0CC JA1GHH JH7IAJ LY5A N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF
172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WC4X	168 G3MXJ HB9TKS I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB	165 DL7UCX F6HDH IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V SM4CTT W5BN	162 4O3A 9A4W F3AT IZ4DPV JA6GIJ JH4ALY JR5JAQ LB6KC N8MR VE7SL W0HT W0TT W1LW W8WEJ	159 DL6MRS JA4FKX JA9APS JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V FM5BH IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS UA3SAQ VA3LX W1YIF W4TV
171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N	164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G	161 DK2GZ DL6RAI HB9DHK IK0FUX JA1DOF K1USA K5GO K8ND LB2TB N4GN OE5RLM OH6RA VK3HJ YU2TW	158 AA6AA CT1FCX DJ4PT DL1FKA G4GIR IT9DSZ JH1TWT JI1FXS JI1NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 DL1RK DL4SZB K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ
170 DJ6TK JA6JPS JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI			160 AD5Q DK1WB DL1DA IW2FND JA2EPW		154 3V8SF GM3PPE HB9BUN

IZ3ENH	151	JL1ARF	N7BT	W8RLS	J11DCW
JA8NFV	AA7G	K3TN	OH1JP	WC5M	JR2LJO
JR3OEH	DK2OY	K4YYL	RU0SN	WD5T	K2RW
K0KVR	EI9JF	K7HP	W1IZL	YO3CD	NJ3K
KR2Q	F3SG	K8ME	W1ZT	143	SV3FUO
NX8Y	HB9SLO	K8ROX	145	DL6EN	W2CG
SV1CNS	JA6BEE	R8TX	AF4HX	HB9RYZ	W3BW
W1NA	JH1NYM	SM6CUK	HI3T	IK8GYS	W4JVN
W5DNT	JR1XIS	UW7UA	IT9ZZO	IT9BLB	W4VIC
YS1RR	K2AX	W0GG	JE6TSP	K7CMZ	W4WT
153	K2FW	W7HPW	JH4HMG	K7CW	W8GNM
AJ9C	N2ZN	WB8B	JH7RXU	N2RJ	W8HW
CU2AP	N5JB	WD5K	JJ3HGJ	N2WM	ZS1C
DF2RG	OK1ATP	YO3DDZ	JK1AJX	N5UW	140
DL1DUO	RD3A	148	K3VAT	N6PAT	9A1CAL
DL3ZA	RU3A	DK2CC	K4OY	NN4R	JA4OK
G3TJW	S54A	F5CQ	K8BL	W0IZ	K5WK
HL2CFY	SP7AWG	F5LVL	KF6HI	W6QUV	K6KLY
JF1IRW	SV9AHZ	F5PAC	KR0P	WB8CQV	KF8DX
JR9OPJ	W7CT	G4FTC	N1CGP	WB8ZRV	N4XP
K7SP	W7RH	JA9RRH	N4GG	WD9DZV	OH6NIO
K8VFX	WA1Z	JH1QDB	N6PSE	142	ON7DR
KD0PO	WA2BCK	N2WB	N8OC	AB9M	UN1L
LZ1PM	150	N5XZ	OE6VIE	I5HOR	VE6SV
N4TV	EA1AF	NE3F	RT0F	JA2ATE	W0SEI
N5TW	IV3RAV	W5FKX	SM3DTR	JH0BQX	W4NU
N8II	JA1SVP	W9JJB	W5ADD	JR7WFC	W7IV
R9OK	JA2NQG	147	144	K3PP	W8LWU
SM6CLU	JL1UXH	EA3GP	CU3EQ	K4WZ	WO2T
SP5CCC	K0RS	IV3VBM	DL5CW	K6EME	YL2MU
UT5UY	K1OA	IZ0RVI	DL5KUA	KK1W	YO9FNP
WB8BPU	K5TR	JA1XQC	E70T	LA9VFA	139
152	K5VWW	JN1BMX	EI6IZ	MM0SAJ	DF7EE
EW2A	K7LV	K8UT	GM3ITN	N7QT	DJ4XA
JA2VQF	K8AJS	KM1H	HB9BYQ	NA4D	DL5EBE
JT1CO	KU4XO	N1IBM	HS0ZEE	NQ7R	DL8OH
K9MK	LA6OP	NA5C	I5MXX	NY2NY	DS1JFY
KQ4AV	N3QE	PC3T	IT9GSF	OK1DO	HB9CQK
KS3F	N9CO	W1OP	IV3DXW	W2OO	JA1TMG
N9OY	OE8SPW	W2KKZ	IZ4GWE	W5LUA	K2RET
S55ZZ	ON6AA	146	JA3GN	W5VQ	K3ANS
UA6IGI	SQ5EBM	EU4A	JE1FQV	WA5POK	K6AM
UN7LZ	UA6YW	JA1HQG	K0VSH	141	K8GI
UT5AB	W2/CT1GIF	JA4DHN	KJ9C	AC9S	K8RF
VE6LB	W6DAO	JA5XAE	LA9GX	DL5MHQ	KA8SYV
W1SKU	WW2DX	JH1GNU	N1IX	EW1BA	KM3T
W1VT	149	K5KV	N3KK	HB9FMT	KU0A
W6RLL	DL7CX	K5SM	SM4OLL	JA1PTJ	LA8WG
W7AJ	HB9HFN	K6NR	SM5CLE	JH1HHC	OK1MP*
WB3CQM	I0JBL	K7WP	W4GE	JH4JNG	SM5CBM
	IK4FNF		W7ZI		SV8ZC

W0SD WA8WV	UW8SM W2OIB WB7QXU	PY5HOT RG6G RX4HW SM0BYD SP6JIU UA0ACG W4JKC YU1AM	WB3D XE2S	RU1AO S51NM TA1CM VE3DO W2MPK W9ZT	ZS6UT
138 DK8MCT DK8YY EI9FBB F6DDR IK8EPC JA3OOK JF3LOP K1RO KJ6P LB5WB OZ8X RW4CY UN7JID V51B W1GD W2YE W4YV W7OM	135 5B4MF BA4RF DJ9ZB F6FXU IZ7EVZ JA2KVD JA7LMZ JA8BNP JA8JL K1ZE K4TT K4ZRJ K7FL K7XB NZ9R R3VA R7LP RN3RQ SM3LGO SM5CZK SP3XR SV5DKL UB3A W1DIG W1EQ W2GD W4BUW W4MBD W4RFZ W6DR W6JTI WE4S	133 9K2NO EU1U G4XEE IK5DNF IZ8DFO JA6CBG JA7GLB JA9AGN JR6FC JR7FRW K2CDJ KS4YT KU2A OE1KM RA5BM RV4LC UQ2PZ VE3WT W0NFL W2QO W5AJ	131 DK7YY DL9FCY HS1NGR IV3KFB JA0AOO JA2TBS JH4ADK JJ1TEA JM1FHL K1UU K6SIK K9DR KC2LSD KH2L KM3V KM4H N3MK N4QWZ N5PHT* N6RK ON4ON PY5EG R0SR R9MJ R9SA W8DCH ZS1A	129 HB9AZZ JA1NWD JA8JO K6XM K8DV LB7ZG N0YY N2BJ N3KS N3RR W0YVA W7QHE W8MET W8MK	127 AC9EM CT3KN HK1MW JA1DDH JA1WLO JA8RJE JA9KRO JH3AIU JN1RQV JS2LHI K0RW K3TRM N1AC N1GC N9RD OE8HIK PA3EWP SK7AX SP6A SP7ASZ W0CP W0RT W1OPD W3BG W3FOX W3MF W8LMG XE1KK
137 EA1YO GM3YOR IZ2FOS JA3APU K2QMF K8NS RA3CO RG7G UU1JA W1ITU W5ODD WB5JID	136 E72U ER0FEO HB9IQB IK8CNT IU0HDC K0TV K4ZO K7TM KR6C NA5DX OK1DW SM3GQP SM5OJH SP2BMX UT3UZ	132 AA4NC AD6W G3UHU IK3VBB IT9RDG K6YUI K9ZM N6HY OZ2RH SM4BZH SM6BGG SP6M VE3CRG W4AXL W4RBO W4WM W5SL W7AH W7CD W9FR	130 DF9ZW E73M EI2JD G7VJR HK0HEU IK3XJP JA2FBC JG1DUZ JI4POR K2MYR K3NK K7LFY K8BCK K9GL KO8SCA NA4EA NO9E OZ2ABI R5QA R9AB	128 AA4SC DM2RM IK2SGB JA1XCZ JA2AHH JA2KSP JA5FDJ JA9AA JE1LFX JH4GJR K0FF K3XA K4JAF K4SE K6LPO KG7CW KM4NS N5KM OZ1IKY R9SG S53X S55DX SV3DCX US8UW VQ9LA W2WC W4IS W6RKC W8KA	126 DJ8WD F8BPN G4IUF JA7KY JH3CUL JJ1DWT K2ZD K4JKB K4XU N8NA OE3SGU OK3CQD PA5TT VE3CX VE7BV W8REW W9ILY WB0O WB2REM WD4LBR

YU1EXY	123	NN7X	IZ0LKV	K5UZ	DL1DWT
	AC4TO	OZ3Y	IZ5NFD	K7EG	G3PLP
125	DL7JRD	RD4A	JA4EPE	K8KWT	IT9DAA
9A1AD	F4GTB	SP9WZS	JR3UIC	K9SG	JA1HQT
AG1A	G4WFQ	UU4JMG	JR6LLN	N0KV	JA4FM
GW3TMP	G5LP	VE6AX	K2BA	N4DJ	JA7GYP
HK4SAN	HB0WR	VK4CAG	K2HK	N9UA	JA7IC
IW0HEX	IK2CHZ	W2TB	K3QIA	NT2A	JM3GXU
JA4IYL	JA0CRG	WA3I	K6FW	NY7T	JR2UBS
JA6VU	JA1SJV	WA7BNG	KA8ZPE	OH5NG	K2BB
JE1TSD	JA3MHA		N4BAF	OK1DT	K6PJ
JE6UWU	JA6WJL	121	N4LR	R6FFB	K8OOK
JF2WXS	J14WAO	AA6RR	N4TB	SV1ACK	K8QM
JH1AGU	JK1EXO	AA8CH	N4UFP	W4HZ	K9FN
K1HAP	JR1EBE	DF1DB	N8PW	W8FIB	N2JJ
K5KG	K2PK	DK1EI	OE3EVA	WC2K	N4IR
K9GWH	K3FRK	DK6CQ	OZ2A	XE1RCS	N8AA
KA6BIM	K3XO	EI2GLB	PZ5RA		N8XI
KI4WCQ	K4ZIN	HB9DHG	RL3BZ	118	NY4G
LZ1XL	K5GH	IT9AAI	SP3PLD	5T5PA	ON5UE
N2KA	K5JC	JA2HYD	SP7ITB	AB2E	OZ5HP
N3EN	K7UT	KD8RQE	SV1IW	DL5OCE	SM7BIC
N4JT	K9CS	KG9Z	UR5IKN	JA4FHE	SP8HKT
ND5S	KV4T	KV4AA	US0YA	J18DGO	UA6J
NW6S	N2ED	N0OK	VE3YF	JN7DOS	UR9IDX
OE1AZS	N4DWK	N1JP	W0RX	K3WGR	US1CT
RA0BA	N6MZ	N3ND	W2YR	K4CNW	W4ZRZ
UU7JM	N9JV	N4TL	W3OA	K5XM	W6SL
VE3UTT	N9LQ	N6HC	W4PRO	K7PI	W8ZR
W5DAW	NA2P	SV1AHX	W6RFL	K8LN	WA2USA
W9CG*	NA9RB	SV1FKZ	W7RN	K8WVA	
W9DX	S50B	UQ1GWW	WP3R	KD6UO	116
WV4TN	UA3DK	UT4EO	ZL4AS	KG8CW	AJ4F
YO2RR	UR9QQ	UU2JQ		LZ2HM	DL7URH
	UT3QU	VA3AYA	119	N2MM	EA5BRE
124	W1AO	W0QQ	AA3AZ	N5BO	HA7PF
AA7XT	W4NF	W2GG	AA4DD	N6MB	HB9EFK
AB1OC	W8NJR	W3RJW	AE3T	PY2PA	IK0EIE
J11DHY	XE1H	W6XI	AJ4A	RN3TT	IK2OHG
KD2T		W9FI	DK3GG	SV9COL	IT9TQH
KD4POJ	122	W9XX	DL9OBY	TA2RC	IV3HYD
NA2U	G3NDC	W9YE	EW4M	W1KSZ	JA1WTI
PA0TCA	IU0LFQ	WA1PMA	G4DJJ	W4DAO	JE2EHP
UA0BA	JA1MRM	WY1G	HB9AAQ	W4NJ	JH3GCN
VA7CRZ	K1BZ	XE1VIC	HB9BCI	W5JMW	K1DC
VE1DUN	K1ESE		I2TZK	WX3P	K1RI
W2JU	K1YT	120	I4MKN	YO4AUL	KT1V
W2RIJ	K2MP	9A5F	IK0ZIO		KV1J
W3FM	K7ZA	AA5JF	JA3AZD	117	NA9Q
W6CYX	LA7WCA	AL7TC	JA4XGC	9K2OD	OH8LXT
WB8K	LA8PT	DL2VWR	JE2JMV	9Y4VU	OZ1LCG
WT4Q	N3NR	FG5FR	JH6CDI	AE0P	PA0JSE
	N9AW	HB9BLQ	K3NF	BH4IGO	RV3ID

TZ4AM	EI8IU	N7KO	KM1C	UR6QA	UA3O
UA4PCM	F6CWA	N9ISN	LA8HGA	VE6KC	US7MM
W1ENE	G3SDL	NA3F	N5ZC	VE7CT	W0UY
W1WEF	HP3TA	NG0G	N6MA	VE7UF	W3XY
W7GG	I5OYY	NI5F	N9HF	W0VHF	W4DC
W7OEV	IK7YZG	NK5B	RU4SU	W1FO	W4NE
W8LRO	JA1OVD	NZ3M	SM3DMP	W4HOG	W5ZPA
WQ5L	JA4BXL	R7NA	UA1ACG	W4OX	W6KK
	JA4KDT	RA4UN	UA1CEI	W5AQ	WL7E
115	JH6WMJ	RZ3AUL	UT6UD	W7VS	XE1FAS
C6AGU	K1RV	SM5ARL	VE7XF	W8MIL	YU7AU
CU2CE	K2DC	SP3EPG	W1HEO	W9RB	ZL3NW
DL9GOA	K2HAT	SV1JFV	W2CVW	WA2MUA	
G8BCG	K3MD	SV2AVP	W2SKI	WB4TDH	109
G8DX	K3OSX	UN7TW	W3UL	WB9EEE	DF1KG
HA5UK	K5CD	VE3KI	W4VHF	YL3DQ	EA3GHZ
HK3PJ	K5RJ	W2GW	W5VX	YO6HOY	EU4T
IZ7JVR	KB8U	W6BK	W6TC		F8EZE
JA2KNW	KZ4V	W8FAX	W8GEX	110	G3SVD
JA3NHL	N1QY	W9VNE	W8HMK	BA4MY	IW0HQE
JA5WIZ	N3MN	WA2BOT	W9SE	DL1VDL	JA2CXF
JG3LGD	N4IQ	WA4DOU	WA8OLN	EA5BYP	K2ONP
JH1RFM	NU8Z	WB2HJV	WT9U	F5BAR	K4RDU
K0GD	UA3FT	WB2UFF	ZP6CW	G3LNS	K5FZ
K0SD	W0VX	WS4C		G8AJM	K5KA
K4CMS	W3MR	ZL1BYZ	111	HI8R	K5KPE
K4GHS	W4TUN		AA4U	I2BBJ	K6MW
K4GK	WA1FCN	112	AF4OX	IK5RUN	KE1F
K8YTO	WA4CEM	A92IO	CU3AN	IK8UHA	N1BZ
KZ5DX	WA8MCD	DJ1RL	DG7RO	IZ0CKJ	N2WLG
LY4T	WA9YYY	DK5RL	DK2WH	J68HZ	N7TY
N0IRM	WN9O	DL5CL	DK6ED	JA7EPO	N8NN
N4OA	XE1RBV	EA1JO	DL1HRN	JE2UFF	ND4V
N8KOL	XE3ARV	EW1DO	EV1R	JH1VHU	NN4RR
PA3AXU		G3XGC	F6ECI	K2BLA	NU4I
RZ6MJ	113	HB9CEX	G4DBN	K3JRR	NX7U
UA1ANA	9A1A	HB9CRV	HC1BI	K3PH	PY5CC
UA1CGS	DJ5DT	HB9G	HL3GOB	K4WW	RW4UU
UA6XT	DJ9RR	IK2ANI	JA1AUD	K6MI	RW9QA
UN6T	DL8CM	IU8FRE	JA1FGB	K6VKO	RX3AGD
W4UCK	DL8DYL	IZ4DIW	JA1NCZ	KB4MRX	TG9NX
W5VY	DL9GTB	JA1SXR	JE8TGI	KC2STA	UB5ZAL
W9HBH	G4AFJ	JA7BXS	K0FLY	N2CG	UT7KF
YL2CZ	JA0GCI	JF2WGN	K5WAF	N3HBX	VU2CPL
	JA4ITW	JR7TEQ	K7ORK	N3IQ	W5WP
114	JH1ORA	K0JPL	K9AJ	N3JB	WB5TUF
AB4GE	K0TPP	K1EDG	KM1R	N4KE	WN0L
BA4DW	K8SL	K1EO	KP4AA	NC6K	YV3AGT
BA7IO	KA4RRU	K1KO	KZ0X	NK7C	
CT3FN	KH6DX	K4UAS	LA0CX	NY4I	108
CU3AK	KI0G	K8CC	N4WJ	RD9M	AI2Q
DL6NB	KT1J	KB2FCV	N7BD	SM5BHW	AL7R
DL6UAA	N6PE	KI4DLS	NA1DX	SV1VS	DL6CNG

ER1LW	107	W9CPV	UT7UU	N4SC	JK1BSM
G3VAO	4Z5LA	WA0RVK	UU5WW	N4VN	JO1WXO
HB9BAT	DJ8ES	WB6CJT	V73AZ	N6NU	K0WK
HB9FAN	DK3FB	WB8ART	VQ9SS	N7DR	K1BG
IK0PRG	DL1QQ	WS1L	W1CWU	ND3L	K3FM
IZ0BTB	DL2CHN	XE2YWH	W2EQ	ON7PQ	K4KEW
IZ2EWR	DL5XU	YL1XZ	W2LE	OZ4AAL	K4MF
JA2MOG	DO4DXA	ZL3RJ	W2NO	PF7M	K4VIG
JJ2PIK	EA5AT		W3ICM	PJ2/K8ND	K5HK
JK1MZT	EA7QW	106	W4IR	PY2DS	K6UM
K1EP	FG8OJ	AA4FL	W5JAY	R6YY	K7TJR
K1XM	G4AKY	AE2U	W5KI	RA6AF	K9EA
K2CJ	G4RGK	DJ6OZ	W8OP	RD4WM	KA2BZS
K2KQ	I5IHE	DL2NOM	WA4MYO	SP5JXK	KH6KG/W5
K2MK	IT9XTP	DL3JSW	WA6TLA	UA6LCN	KI0KB
K4SAF	JA5EY	DL6JZ	YL2GN	UR1RWX	KW0A
K4WY	JA6OXT	EA1CP	YU3EF	UR2RGN	LZ2XF
K4YJ	JA8JTH	EA3CCN		VE1PZ	N3ER
K6UT	JH9DRL	HA8DZ	105	VR2MY	N3TR
K8OM	JR1BAS	IW3GJF	DF2PI	VY2ZM	N4GU
KM8AM	K0MD	JA1VLK	DF8AA	W1LE	N4TTE
KN4JX	K1TZQ	JA2MNB	DJ3XD	W1LY	N6PF
KX2A	K3SW	JE6IGP	DJ6KH	W1MRH	N6WM
KZ1W	K3YBN	JG3HBO	DL4ZAB	W4OWY	N8MZ
LU2DKT	K4MS	JG5RVQ	DL6XK	W6FF	N9DR
LZ3YY	K8LBT	JH2KKW	DO1CTL	WQ5W	NJ9C
N4MEC	K8ZR	JH6PFY	ES1GO	YU1NR	NN3Q
N6RFM	KB9DAK	JJ0NCC	G3YUV		OH4UI
N9SF	KE2R	JR0EQQ	HA8FW	104	PA0GMM
N9TF	N2RR	K0DEW	JA1BWA	9M2AX	RA1QX
NU4Y	N3DAP	K1PX	JA1TAA	AD1C	RU3UR
PA0ZH	N4RF	K4DSE	JA4EVN	AG4Q	RZ6DX
R5FY	N6EE	K5AM	JA6VA	AH0U	RZ6LB
R7LA	N8AGU	K5ZQ	JA7BME	CP8HD	SM5CCE
RA1OHX	N9PGG	K8JJC	JA8RRF	CX3CE	SM7CQY
RX6DX	NA5Q	KD9HL	JA9APM	DK3BK	SO5AS
S57J	NE1F	KK8X	JF1RYU	DL4FAP	UA9FGJ
SM6AOU	OE1CP	KK9H	JF2VAX	DL7UPN	US5CAO
UX7UN	OK2BUZ	KQ3F	JO4CFV	E73D	UT4EK
UZ6LWZ	OK3CQR	N0JZ	K1DJ	EA8ZS	UT7EC
W2UB	R0FA	N2CW	K2XF	EI9E	UX4UM
W3NRJ	RN4AA	N2SQW	K5AV	F6AJA	UY0MM
W4ZYT	RV6ARZ	N3XM	K6DJ	F8GB	VE3VHB
W7ACD	SP3BQD	N8AID	K7OX	G3BRD	W0YBS
WA2ALY	SP6AXW	NA5Z	K7PO	HB9CIP	W1QA
WA8MOA	US5CB	NI5M	K9RO	HK3O	W3DRY
WB8BZK	VE3OI	NS3L	KI5T	IK0DWN	W3TMZ
WC1M	VK3NX	OE5CSP	KT2E	IZ4MJP	W5BK
WC6DX	W3KB	OH2OT	LZ1JZ	JA1JAT	W5CWQ
WD9EQU	W4MAY	OK1AYU	N2DPF	JA1SDV	W5GJ
WW1WW	W6TDX	OK2BVG	N4JI	JA2FGL	W5ZO
ZS2DL	W8IW	S57AL	N4NW	JF1EGO	W6PH
	W8VK	UR3CRO	N4PL	JF6WTY	W7DR

WA0I	R9GM	K4KAY	AA3LX	LA2GV	WC4H
WA9ETW	RA0FA	K5ZO	AA4NU	LZ1XZ	WK9U
YC0LOW	RA4HT	K7BHM	AC2AC	N0STL	WR2G
YO5ODE	RK3QY	K7UA	AC5O	N2AJ	WV9L
103	RU3OW	K8BHZ	CT1JGA	N5AQ	YO2OXD
AG1I	SM3CBR	KJ6NZ	D44BC	N8AG	YO6BHN
AI3Q	SM6EHY	KN4KL	DH2FW	N9JCS	YV4DYJ
DJ1MM	SM7BHH	KW4BY	DK9WI	NX2X	ZS1J
DJ3GZ	UA3PFN	KY6R	DL1KS	OA4TT	100
DJ7PI	US2WU	LA3ANA	DL3ANK	OE3WQB	9M6YBG
DL2HX	UT2AB	LA6UL	DL5JS	OH3TY	A41ZZ
DL8YRM	VA2ZO	N5RZ	DM3ML	OK1PGF	AA4AK
DM5TI	VA3IC	OH2EA	EA1WX	OK2BOB	AA4UC
DS3HWS	VE3EDY	OK1DTN	EU1TT	OK3EY	AB4VV
EA7SG	VE3MFA	OK1JDX	G3ZFC	OK4MM	AC4VM
EU6MM	VE3VV	OK3CSQ	G4FJK	ON4LG	AI2S
EW3LB	W0QC	PA7TWO	GM3WTA	PA4WM	DJ6OI
G3BDQ	W0UVC	PV8ABC	HB9NL	RA3AH	DK8MM
G3OIL	W1CTN	PY2DO	IK5ZUK	RA4P	DL1TPY
G4AAW	W4AVY	R2AB	IV3GOW	RA4SD	DL1TRK
G4PUQ	W4MZ	R3IS	IV3KCB	RB7GG	DU7ET
G4VGO	W5THT	RU3UN	JA1VVX	RK9F	EA2AAZ
I0OSI	W5VU	S59DJK	JA2VMU	RY6M	EA3ALD
JA2GQO	W6SZN	SM6WET	JA6TMU	SM2DMU	EA8AXT
JA2OLJ	YO7APA	SP5MXZ	JA7SFD	SM7NDX	EC5A
JA3FHL	102	T77V	JE1PHH	SP7JLH	EI3ISB
JA8EJO	A6/RV6LNA	UA1AIR	JF1RPZ	SV1PL	ES5NC
JE1SYN	CT4BD	UA1CKC	JH3HGH	UA0FDX	FM5GU
JH1DGQ	DK3QM	UA6HOF	JH3PRR	UG6GAW	G0VXE
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K0EOO	DL3NCR	UA9UCO	J13KDH	UR7CQ	GM3ZSP
K2UVV	DL4CW	UW7CN	K0LW	UT1CC	I2VGW
K4LQ	DL4KUG	VE2FYR	K1YR	UT4IS	IK0HFO
K5JUC	DL5RDI	W0JMP	K2BX	UT7HA	IK4MSV
K7BTW	DL5RDI	W1AW	K3SEW	VE2OJ	IS0/YO3RA
K8CCV	EA8AKN	W1PV	K4NNX	VE3ARF	IT9CVO
K9MUG	EI4DQ	W2LW	K5DNL	VE3XB	IW0BYL
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KE1IU	ES5RW	W3EKT	K6AAW	W1FC	JA1CPU
KJ4R	F6BWO	W4ALF	K6XJ	W1GF	JA1ILA
KJ7WY	FM5WD	W4KK	K7AR	W2SF	JA4FSH
KM9E	HB9AHL	W5TO	K7IA	W3WH	JA5DQH
LX1DA	I8LWL	W7IUV	K8BN	W4BUE	JA9CGW
N0RU	IT9SFT	WA0IDK	K9JU	W4PM	JF3DRI
N1HOQ	JA0HXV	WA1S	K9PG	W5RF	JS6TWW
N9BBQ	JA8OW	WD8DSB	KC4PX	W7AV	K0LB
NU1T	K0YN	WS4Y	KD3UY	W7CB	K0XM
OH3GD	K1PTF	WW5G	KE1VT	W8GB	K1NA
OK1DQT	K2LP	YO2CMI	KE4S	W9MAF	K1NZ
OK2BQU	K2TER	YO2IS	KF7NN	W9ZCL	K2CBI
OK3BRK	K2TK	101	KN6J	WA3EKL	K2CYE
OZ7JZ	K3KG	AA2VG	KQ1F	WA3PTF	K3TZV
	K4AAQ		KS4XQ	WB3HLH	

K4FT	PY7DJ
K4KSY	R3PJN
K4QS	R9JX
K4UQC	RA3SD
K7VIC	RA4LW
K8BZ	RA6XB
K8CR	RC2A
K8CS	RN1A
K8LE	RT5A
K9NZ	RU3GF
KA9UVY	S53MJ
KB0EL	S59SV
KB1HY	SM0CXU
KC0V	SV1VJ
KC4D	SV2DSJ
KC5LT	TI5CDA
KD8BZY	UA3AKI
KP4N	UA4PAY
KQ5M	UA6CEY
LA8W	UN6P
LU5OM	UR4CW
LU5YF	UR4LRG
MM0SJH	UR8IDX
N0AH	VE1RGB
N0ATQ	VE3OAT
N1KI	VE7JKZ
N1MD	VP2VA
N2SG	VR2PX
N2XQM	W0GYH
N3AF	W0MU
N4CRI	W1AN
N4ZR	W1YRC
N7DED	W2CCC
N7TK	W3BBO
N8IL	W4HHN
N8NB	W4OEP
N8OQ	W4OV
N9ADG	W6WA
NA6O	W7DT
NB3R	W7JET
NG7A	W8CNL
NJ3I	W8FN
NN4SS	W8GDQ
OE5JDL	WB4SON
OK1DXD	WU2M
OK2PAZ	YB1TJ
ON4ANN	YL2SM
ON7EH	YO9FLD
ON7GB	ZP9MCE
ON9CC	
OZ1ZD	
PA0INA	
PA7RA	