

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 11 Jan 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 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	314 IK4GME K5RK N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	IV3PRK K4SV K8GG	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E
341 EA8AK	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT UT3UA VE3EJ	300 G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF
340 K1ZM	322 K4PI UX0UN W3UR	312 OH1MA	306 EA6SX K4CIA N4RJ SM0AJU WT3Q	299 JA4DND K4TEA N1BUG SV1FJA UX1UA W7UT
339 W4DR W4ZV	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS UA6A	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
334 N4WW OH2BU	320 SM4HCM W8UVZ	310 I4AVG KJ9I SM5BFJ SM6CVX	304 CT1EEB DJ0MDR NN4T	297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
333 R7LV	319 K8MFO N0XA SM4CAN	309 UT5UGR W5IZ	303 F5LGE JA1BK JA4LKB K1UO SM3GSK YU1FW	
332 UR0MC	318 W9ZR	308 I4EWH IK4MGP		
330 AA1K HA0DU K5UR LZ2DF OH1XX UT7QF	317 W3LPL			
329 K3UL UA4HBW	316 4X4DK W2VO			
328 R4GM UA4CC	315 IK4WMA OH3SR S50U W1JR			
325 K9UWA UA2FF				

296 DF2UU F5NTV G4PWA OE1WEU ON5NT W1JZ	N8DX RX4HZ US4EX	W2YC	K2UO K4IQJ OH3BU SP5CJQ UW2ZM VE2TZT	267 LU8DPM RZ3DX
295 JA2JPA K3UA	288 PA3GCV RA3CQ RY9C SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY JA2PJC JA5EXW K1CP K9CT S59Z W4TO	274 G3TXF K1ZZ SP6AEG W6UB	266 K8PT LA3MHA NR1R R3LA W8TE W8XD
294 JH2FXK LA5HE RJ3AA SV8CS WD5COV	287 DL1RWN G3XTT N2QT VA3DX W4PK	280 EA6NB HB9BIN NJ6P SM4DHF SP6HEQ YO3APJ	273 IK8HJC JA8ISU K2CL K5BG KF2O MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA7A G4OBK RW0LT SV8BHN YO5BRZ
293 DL1AMQ S58T	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UT7UW W8AV	279 IK4DRY JR7VHZ N2TK SM6CNN UA6MF	272 9A2EU CT1EKY DL1DUL DL2OE SP6CIK	264 AA6YQ IK2YCW K7ZV SP9JZU W1GL
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SV1AOZ W3YX W8TOP	285 CT1APE G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W N5DG UR5WA	271 EU7A G4GED HB9AMO OZ1CTK	263 IZ1ANU K9OW LA5IIA W2SM W3AP
291 9A7V DF3GY JA4LXY KD9SV N0TB R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	284 K5XI UA3AB	277 AA4MM DJ9VA F6AOJ IK5BAF ON7TK SP9DWT	270 OE5KE SM5KNV	262 G0DQS K4XP KR9U W1YY
290 IZ0AEG SP3IBS UA3AKO W5ZN	283 NA0Y NO3M R3OK	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ RU3FM	269 JA5AUC K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX EI7BA K2EK K5KC N6SS NO8D SP1S SP5DIR
289 I5NPH JA3ONB K0KX K4WM	282 DL1YD I0WDX JH4IFF K4SO K8KS N2LT N7NR SM6CTQ SP3DV US5WE UY5ZZ W0BV	275 9A1CCY F5NBU IK4CIE	268 DL5DSM G3WPH RA3XDX RK4FD W1MK	260 EA5BM K1LT K4DY KX4R

259 DF4PL F6GCP I1FQH N3NT R9FM	JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	245 AB3CV DL4CF JA1GV N9US RL9F RY7G W9XY	239 F6BLP G8VR JA5MHD JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK	K4UTE KF0QR PY1BVY
258 G3ZSS KW9A N5KD RN3CT VE3QAA	251 DJ7RD DL9RT I1EIS JA2VPO JH0BBE N4II VK4MA W5UN W7LR	244 AG9S DK6WL IK0XBX JA1HGY JA7QVI ON4IQ		233 AB4I EA6VQ JA0FSB K0CS K2UU KA7T SK3PY UA4HAU VA2WA W7AO
257 IK5HHA K1GUN W9YSX	250 HB9RG NQ1K OZ8BZ PY2RO	243 DK2JX DK3DG JF8QNF NN4X ON4ATW S57A W9RPM WX4G	238 DL8WN IK0XEZ JA0DAI K1DG VO1HP	232 JA8EAT K2AZ K4XL NI6T NV9L S51DI UA3AP
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP	249 AI9L JR3IIR K9NW SP5DRH	242 KG7H	237 DL7MAE IK0MHR NI0G OM4EX RA0FF UR5EDX	231 4X4NJ HA9RE IK0YUT JH1HGC K5EK N7NG ON4ACG W9IXX
255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI	248 K3WW K5RX K9RX N2NL SM3VAC SV8GFW T77C UT9FJ W9NGA	241 EA4KD JA1SYY JA3EMU K2FF K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 EA6ET K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	230 DJ5FI FK8CP JA1CMD N8JV SM3NXS W4GF W4VQ
254 N0AT OM3DX WA4FFW	247 IV3ODE K6XT NO2R R7IA WB3AVN	240 JA0CRI K0JUH K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM JH4ADV K3SWZ KA9CFD N6DX OK1CF R7DX VE3XN W3LL WA7NS	
253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG W3KX	246 DJ2TI F2JD K0IEA N6TR TF4M W2TQC W5XZ			229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T
252 EA1DR IV3YYK JF2MBF			234 AC4G AJ6T IZ8FFA K1AR	228 AF9H AI0O EA1N K4HB

N2WK	223	218	JF6DSZ	208
OH2BEN	AB0X	DJ4PI	K1ST	G3NSM
SV8CKM	HA7TM	DK0PM	NA2M	JA7MSQ
VE3DZ	JH2TPI	DK2NG	RU4SO	JF4VZT
227	RT6T	IK1YDB	W0LYI	K2FU
DL7HU	SV2JAO	JA2FBY	W1FJ	N5ORT
E72A	ZS4TX	JA8CDT	W2WG	RU3ZX
ES1RA	222	JF3KON	W3YY	UN5J
IK0HBN	DF6PB	K0EU	212	UY1HY
IK6FWJ	IV3JVJ	K5UO	AA9A	W6PJ
JA1UQP	K3SV	UT4MF	DL9GFB	W9EWZ
JA9CHI	K6EID	W5PJR	K4MQG	207
K1FK	N5AW	217	K8ZH	I4LCK
K3NW	N8PR	K5PC	KE9I	K1LPS
KD0Q	N9BX	ON6YH	KG6I	K3JT
W1TC	SM0CCM	UA3AGW	LA7JO	K8EUR
WB6RSE	W9BF	216	N1ZZ	PY2BW
226	221	JA6LCJ	N4MM	W0LS
JA2NDQ	DJ8NK	JH1IFS	SM5CZQ	206
JA6BZI	K4MWB	K5EJ	WB9CIF	DM5EE
JF2KOZ	K8FH	N4PQX	WS9V	IK0IOL
JR6EZE	K8SIX	N5UL	211	JA3PIS
K9FD*	MM0EAX	OE1ZL	F6DAY	K2VV
N6AR	N6VR	RZ0AF	IK4DRR	K5AQ
N6JV	SP7GAQ	W0GJ	JA4DEN	K5RT
ON4GG	W1ZK	W6XA	K3WA	KG9N
UT5JAJ	W6JRY	YO7LCB	LA7GIA	N8DJX
VE6WZ	WA7NB	YU3AA	NX0I	N9AU
225	WS6X	YV1DIG	RU3SD	SM6BZV
A45XR	220	215	UR5FEO	US0KW
IW1ARB	AG8B	AD5A	W1ECT	VE3BW
JH7PFD	HB9LCW	JA9PPC	WA5VGI	205
K1MM	HL5IVL	N7JW	210	I4KDJ
K5AB	JR4OZR	RA1QD	I8SAT	JA3AAW
K9FD/KH6*	K8ZTT	W0UO	JH0INP	JA9FPI
N4CH	KA1R	W2LK	JJ2LPV	K1DT
RA3QK	N1LN	W6YI	LA4GHA	PY2XB
RV1CC	N5JR	214	UW7LL	W8UN
RW3XZ	VE3EXY	DL7BA	W7JW	WB8ZRL
SP3CGK	219	HL3IUA	209	204
SP8NR	IK3VUU	JA2JW	DL5CF	DJ5AV
US0SY	JA2FJP	JA2WYN	DL9MRF	IK7NXM
VA5DX	JG1ULJ	K3JGJ	EU1KY	K4JJW
W7KW	JJ3PRT	K4NA	HB9CXZ	KK4SI
224	LB8DC	OK1DX	HB9DDZ	LX2A
DL5WW	N0AV	RN7G	JA0UUA	N4NX
I3BUI	OE8RT	W4NL	N9LB	N7FU
IZ1LBG	RA3WDK	213	VE1DX	UA0SR
N8BM	SP4K	DF2IS	VE3LYC	US6EX
SP5INQ	UT7UV	EI3IO	W0ZR	W2HUV
VK6VZ	WA2UUK	HA1RW	W7KNT	WD8PKF
W0VTT		JA2IVK		WF4U
W2RQ				WI8A

203 IZ8VYU JA2XYO JE1PNX K4XO K8AC K9MMS KK2I PA0A R6AF W8GC	W0MHK W2IRT W3GG 199 JA2DPC JA2JNA K1GG K6GXO N4DW OZ1AXG W1TO	JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP 194 K4KDX K9JF KB9LIE KC9ARR W1NT W2LO W4FC W4UM W9OO WD8JJA	K8FC K9LA RK2FWA RX3APM WA2VYA 190 CT1IUA IZ8XQC JA1DUH JA1MCU K2TE K9KU KF7PG KM1D LA7AFA N4XU N5GH SP2LNW VE7VV XE2X 189 9A2F EA8PP FM5CD JA3RAR K0JGH SM7GIB SP7HOV UA7T WE9R 188 AB4IQ JA1KQX KB0EO KB1EFS N8LJ RM0F W6SR W8JV WA6YEE 187 AJ1H DF2GH JA0VSH K0SR KN5O N2NS OK1CZ SM0NJO W7AWA 186 9A8A	IK2QPR IZ8FWN JA8DNV K0BJ K3PA K6SRZ K7LAY NE1B WA3C 185 AB6QM EA6BF G3KWK IK3SWB K0BBC K5ZD N4TJ N5UR OE2BZL SV1DPI UA9CBO 184 AA1ON I2AOX JA2ZL JF1NZW JF1PUW JH1RFR K4HGX K5KLA KB4ET KL0S OH2IS S57AC US8UA 183 CT1FMX CT3MD IT9INO K8VC KE9ET LA3WAA NN2L ON6SAS W2FP W8NW 182 DJ9ON DK3UA JA1SHE UR3EO W1YM
202 DL1MGB DL2KQ DL9DRA EA1RT JA3CSZ JA5AQC JH3VNC K2NV LY1G N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR W7DO WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR KV7K W8HB 197 G3SNN HB9DDO I5KKW JH2UVL K8NVR LA5YJ OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL	193 DL5ZB DL6ZXG EA3WD HA5BSW JA1XEC K4ODL K9YY KB8VAO N9EN PA0LOU RN1ON UA0CA W9MU		
201 AA5AM CU2DX DL1EJA F4BKV JA9NFO JI2KXK JO7WXN K3HP K3LR K5MC N4QS N5ZM W5TCX	196 4Z4DX AA4HP AG4W DK2LO F6EXV IK4PLW JA4PXC K8PO KA9FOX KP2A ND0N RA9CMO RZ4FO W0FS W2FCR	192 9A2NA DK1FW IK0FVC JA0EOK JA7JWF K3FN K4FJ K5XX K7GM K9EU N4DB N5LZ W3UA W8LGJ WN6W		
200 JA1GTF JH2RMU K1GE K9US LA7HJA RW4NN RW7M UY0ZG W0DD	195 EA3JL EA5RM G3ZEM JA1EOD	191 G0OIL JA1ANR		

181 DK3WW N3OC VE3OSZ YO2DFA	K3WC K9NU SM6DHU W2OR W5LT W7FI	WT8C	SV3KH W9AJ W9EVI WA3AFS WC4X	166 4Z1UF DJ4SO IV3TDM JA1FNA JA9LJS K3KY K4JLD K4PB K4ZYU K9MBQ OH2BLD RM3DA W1RR W8ILC WA8TXT
180 DM2DXA DM3VL K2EP K4CN K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W3YQ W8TN	176 EU1AB HK3W I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK RL3FA W4BP W4GD YO7NE	173 5B4ALJ I1JQJ JA1PPW JA3ENN JA9TWN K1NTR K4XR KA1J N5FG PY5EW W8HC	169 IK0PEA JA1ADT JR1IZM K1LI N4XX N7US PE1L UT8MM UY5AA WB3JFS	165 DL7UCX I2ZGC JA6VQA JE7RJS JN4MMO K5JZ KI5BLU KK4CB NY0V RC9F SM4CTT SP6EQZ W0DJC W5BN WC5N
179 IT9ELD IW0SAF JA2BDR K8WK OK1MG S57UN SM4DDE SV3FUP W2YJ W7BEM W8KEN YL2TW	175 JA1CHN JS3CTQ K4DLI K5GKC LA0FA N7IR N7XR SM5FUG SP1MGM VE3FF W7MEM WX0V	172 G0BLB G3NKC IZ5MOQ JA3FGJ JA9NLE JG3IWL K0DEQ K1BD K6FG KJ0M W4FQT	168 G3MXJ IK2EGL JE7JDL JF2UPM K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH TF3SG W4SVO W6RW W6VX W8OI WA5YNB	164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA N9FN RA3ZH SV2AEL W4NS W7YAQ WP4U
178 EA3CJ JA2LCP JA4MRL JE2URF K2UR K8RRT NE0U SM7DLK SV1JG W6NWS	174 4Z5CX 4Z5MU JA0GJJ JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K0TT K2KA K3AJ K4TR K4WS OE1WHC OK1DWC RN7F UA3LNM W8UV W8VVG	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU K9YC LA5LJA N0RN N4OGW N7RO N9RC RA3DNC SV1LK WB7B ZS1LS	167 DK5AD JE3ENP JG0CQK K4XD K6KO K8NK N0IJ N3BNA PA3C RA1AOB RN9N S51EC SP3FAR UN9L VE6WQ W1YW W3IP WA0MHJ WA4LOX	163 9A2JK DJ9HX K8TL UR4CWQ VE3CFK W7AL
177 9H1SP AE5E CT1EAV CT1GFK EA8JF HA5WA IK4ADE JE1BMJ		170 CT1FPQ DJ6TK JA6JPS JF1WPB JM1GYQ JR7BDQ K6ZZ N4PY SP3GTS		

WW3S	159	IZ8IEV	UT5UY	UA6YW
162	JA4FKX	JH2QMT	WB8BPU	W6DAO
4O3A	JE2LPC	JO7HAM	WE1P	W7CT
9A4W	JH6QFJ	K0QC	152	WA2BCK
F3AT	JH7CFX	K8YSE	EW2A	149
JA6GIJ	K1KA	KS1J	HB0CC	AA6AA
K1KI	K4RO	N3UA	HB9BUN	DL7CX
LB6KC	W3HKK	N4HB	JT1CO	IK4FNF
N8MR	W6BJH	UA3SAQ	KS3F	IZ3ENH
RW3RN	W7SX	VA3LX	N9OY	JL1ARF
W0HT	W9RN	W1YIF	S55ZZ	JR5JAQ
W0TT	WA9PIE	W4TV	UA6IGI	K3RA
W1LW	WD5BJT	155	UT5AB	K3TN
W3JX	158	AB9V	VE6LB	K4YYL
W4DKS	DJ4PT	DL1RK	W1SKU	K8ME
W8WEJ	DL1FKA	DL6MRS	W1VT	NX8Y
161	JA9APS	JE2DZC	W6RLL	SM6CUK
DK2GZ	JH1TWT	K2LS	W7AJ	UW7UA
DL6RAI	J11FXS	K4WA	WB3CQM	W0GG
JA1DOF	J11NJC	N3RC	151	W7HPW
JH4CPC	JR1GJP	NE0DX	AA7G	WB8B
K1USA	K5TT	NW7E	DK2OY	WD5K
K5GO	OZ1HX	SM6VR	EI9JF	WS5W
K7NN	RU6M	ZS6EZ	F3SG	WW2DX
K8ND	SM4EMO	154	JA6BEE	YO3DDZ
LB2TB	W0SZ	3V8SF	K2FW	148
N4GN	W1OX	GM3PPE	N1EN	DK2CC
OH6RA	W2XL	HB9TKS	N5JB	EA7TV
VK3HJ	W3GQ	JA8NFV	OK1ATP	F5CQ
YU2TW	W4QN	K0KVR	RD3A	F5LVL
160	157	K4RG	RU3A	HB9SLO
AD5Q	AA4H	W1NA	S54A	JH1QDB
DL1DA	AC6DD	W2XI	SP7AWG	KR2Q
EC3A	DK1WB	W5DNT	SV9AHZ	N2WB
EI6FR	G3TQZ	WB0TEV	W7RH	NE3F
HB9DHK	G4GIR	WS7L	WA1Z	W5FKX
HB9FMN	JA1GHH	YS1RR	WP4G	W9JJB
IW2FND	JH7IAJ	153	150	147
IZ4DPV	K9GA	AJ9C	DL4SZB	EA3GP
JA2EPW	LY5A	DL3ZA	EA1AF	IV3VBM
JE2LUN	N5MOA	EA5BY	IT9DSZ	JA1SVP
JE2OVG	NE9Z	G3TJW	IV3RAV	JA1XQC
JF2XGF	RN3OG	HL2CFY	JA2NQG	JH4ALY
JR7MAZ	RU4UR	JE3GRQ	JA2VQF	K2AX
K3MSB	SM3PHM	JF1IRW	JH1NYM	K7HP
NR4M	SV8ZS	JR9OPJ	K0RS	K8UT
RU6L	W2TA	K7SP	K7LV	K9MK
UA0FZ	W5GZ	K8VFF	K8AJS	KM1H
UX5UO	YV2IF	N4TV	KU4XO	N1IBM
W1BR	156	N5TW	N3QE	PC3T
W5XC	DL4MM	N8II	N9CO	UN7LZ
WX0B	F6HDH	R9OK	N9MB	W1OP
	IK0AGU	SM6CLU	OE8SPW	W2KKZ
	IK0FUX	SP5CCC	SV1CNS	

146	YO3CD	NJ3K	DK8YY	W2OIB
F5PAC		OE6VIE	EI9FBB	WB7QXU
G4FTC	143	SV3FUO	EU4A	
JA1HQG	DL1DUO	W3BW	F6DDR	135
JA4DHN	DL6EN	W4JVN	IK8EPC	5B4MF
JH1GNU	HB9HFN	W4VIC	JA3OOK	DJ9ZB
K1CA	HS0ZEE	W4WT	JF3LOP	F6FXU
K5KV	I0JBL	W8HW	JH7RXU	HB9IQB
K5SM	K7CMZ	ZS1C	JK1AJX	IK8GYS
K5VWW	K7CW		K1RO	IV3DXW
K6NR	K8ROX	140	K2RET	IZ0RVI
K7WP	KJ9C	9A1CAL	KJ6P	JA7LMZ
N7BT	LZ2ZG	DF2RG	KK1W	JA8BNP
RU0SN	N2RJ	JA9RRH	NA5C	JA8JL
W1IZL	N2WM	K5WK	OZ8X	JH4HMG
W1ZT	N5UW	K6KLY	RW4CY	K1ZE
	N6PAT	KF8DX	V51B	K7FL
145	R8TX	N4XP	W1GD	NZ9R
AF4HX	W0IZ	N6PSE	W2YE	R7LP
JJ3HGJ	W6QUV	N7WS	W4YV	RN3RQ
JN1BMX	W8RLS	OH6NIO	W7OM	SM3LGO
K1OA	WB8ZRV	OK2ZV		SM5CZK
K3VAT	WD9DZV	ON7DR	137	SP3XR
K4OY		UN1L	EA1YO	W1DIG
K8BL	142	VE6SV	GM3YOR	W2GD
KF6HI	I5HOR	W0SEI	IZ2FOS	W4BUW
LA6OP	IT9BLB	W4NU	JA3APU	W4MBD
N1CGP	JE1FQV	W7IV	JE6TSP	W4RFZ
N4GG	JR7WFC	W8LWU	JH4JNG	W6JTI
RT0F	K3PP	WO2T	JR1XIS	W8GNM
SM3DTR	K4WZ	YL2MU	K2QMF	WE4S
	KQ4AV	YO9FNP	K8NS	
144	LA9VFA		N2PK	134
CU3EQ	MM0SAJ	139	ON6AA	CT3HF
DL5CW	N5XZ	CU2AP	RA3CO	IK4DCS
DL5KUA	N7QT	DF7EE	RG7G	K1TO
E70T	NA4D	DJ4XA	UU1JA	K3OX
EI6IZ	NQ7R	DL5EBE	W1ITU	K7XB
GM3ITN	NY2NY	DL8OH	W2CG	KA8SYV
HB9BYQ	OK1DO	JA1TMG	W5ODD	KX4TT
HI3T	W2OO	JH0BQX	WB5JID	N9RS
I5MXX	W5ADD	K3ANS		OE1TKW
IT9GSF	W5LUA	K6AM	136	PY5HOT
IZ4GWE	W5VQ	K8GI	DS1JFY	RG6G
JA3GN	WA5POK	K8RF	E72U	RX4HW
JR3OEH	WB8CQV	KD0PO	ER0FEO	UA0ACG
K0VSH		KU0A	IK8CNT	W1EQ
K5TR	141	LA8WG	JA4OK	W4JKC
N1IX	AC9S	OK1MP	K0TV	YU1AM
N3KK	DL5MHQ	OK2QA	K6EME	
SM4OLL	EW1BA	SM5CBM	KR6C	133
SM5CLE	JA1PTJ	SV8ZC	N2ZN	9K2NO
W2/CT1GIF	JA2ATE	W0SD	OK1DW	EU1U
W4GE	JA5XAE	WA8WV	SM5OJH	IZ8DFO
W7ZI	JL1UXH		SP2BMX	JA7GLB
WC5M	K2RW	138	UT3UZ	JA7LGE
WD5T	N8OC	DK8MCT	UW8SM	JA9AGN

JH1HHC	N4QWZ	DM2RM	HB9FMT	UU7JM
K1ZN	N5PHT	IT9ZZO	IZ7EVZ	VE3UTT
K2CDJ	N6RK	IU0HDC	JA1XCZ	W5DAW
KS4YT	NA5DX	JA2AHH	JA7KY	W9CG
KU2A	NN4R	JA2KSP	JJ1DWT	YO2RR
N9MR	ON4ON	JA9AA	JN1RQV	
OE1KM	R0SR	JE1LFX	K2ZD	124
RA5BM	R9MJ	K0FF	K4JKB	AA7XT
RV4LC	R9SA	K3XA	K4XU	IK3VBB
UQ2PZ	W8DCH	K4JAF	KC2LSD	JI1DHY
VE3WT		K4SE	LB7ZG	K4ZO
W0NFL	130	K6LPO	N8NA	KD4POJ
W2QO	DF9ZW	KG7CW	OK3CQD	NA2U
	E73M	LB5WB	OZ1IKY	PA0TCA
132	EI2JD	N5KM	PA5TT	PA3EWP
AA4NC	G7VJR	R9SG	SQ5EBM	UA0BA
AB9M	HK0HEU	S53X	VE3CX	VE1DUN
AD6W	JA2FBC	S55DX	VE7BV	W2JU
IT9RDG	JG1DUZ	SM3GQP	W8MK	W2RIJ
JA2KVD	K2MYR	SV3DCX	W8REW	W3FM
JA6CBG	K6SIK	VQ9LA	W9ILY	W6CYX
JR2LJO	K7LFY	W2WC	WB0O	W8LMG
JR6FC	K8BCK	W4IS	WB2REM	
K6YUI	K9GL	W6RKC	WD4LBR	123
K9ZM	N3MK	ZS1A	XE1KK	AB1OC
N6HY	NA4EA	ZS6UT	YU1EXY	AC4TO
ON4CAS	NO9E			DL7JRD
OZ2RH	OZ2ABI	127	125	DL9FCY
SM4BZH	R3VA	HB9CQK	9A1AD	F4GTB
SM6BGG	R5QA	HK1MW	GW3TMP	G4WFG
SP6M	R9AB	JA1DDH	HB9RYZ	G5LP
SV5DKL	RU1AO	JA1WLO	HK4SAN	HB0WR
VE3CRG	TA1CM	JA8RJE	IK5DNF	IK2CHZ
W4AXL	UN7JX	JS2LHI	JA4IYL	IK3XJP
W4RBO	VE3DO	K0RW	JA6VU	JA0CRG
W4WM	W2MPK	K3TRM	JE1TSD	JA1SJV
W5AJ	W9ZT	K7TM	JE6UWU	JA3MHA
W5SL		KM4H	JF2WXS	JA6WJL
W6DR	129	KM4NS	JH3CUL	JH3AIU
W7AH	HB9AZZ	N1AC	JH4ADK	JR1EBE
W7CD	JA1NWD	N1GC	JL1RUC	K2PK
W9FR	JA8JO	OE8HIK	K1HAP	K3XO
WB3D	JI4POR	S51NM	K5KG	K4ZIN
XE2S	K3NK	SK7AX	K8DV	K5GH
	K4TT	SM0BYD	KA6BIM	K7UT
131	K6XM	SP6A	KI4WCQ	K9CS
DK7YY	KM3V	SP7ASZ	LZ1XL	KV4T
G3UHU	N0YY	W0CP	N2KA	N2ED
HS1NGR	N3KS	W0RT	N3EN	N4DWK
IV3KFB	N3RR	W0YVA	N4JT	N6MZ
JA2TBS	OH1JP	W3BG	N9RD	N9JV
J11DCW	PY5EG	W3MF	N9RD	N9LQ
JJ1TEA	W7QHE		ND5S	NA2P
JM1FHL	W8MET	126	NW6S	S50B
K1UU		DJ8WD	OE1AZS	UA3DK
K5VIP	128	F8BPN	OH1ZK	UT3QU
KH2L	AA4SC	G4IUF	RA0BA	W1AO
			UN7JID	

W8NJR	HB9BLQ	OH5NG	JM3GXU	C6AGU
WB8K	HB9DHG	OK1DT	JR2UBS	CU2CE
WV4TN	IZ0LKV	R6FFB	K1BZ	DL9GOA
XE1H	IZ5NFD	SV1ACK	K2BB	G4XEE
122	JH4GJR	SV1IW	K6PJ	G8BCG
G3NDC	JR6LLN	W0QQ	K7PI	G8DX
HA1RB	K2BA	W0RX	K8OOK	HA5UK
JA1MRM	K2HK	W4HZ	K8QM	IZ7JVR
K1ESE	K3QIA	W8FIB	N2BJ	JH1RFM
K1YT	K5JC	XE1RCS	N3ND	K0GD
K2MP	K6FW	118	N4IR	K0SD
K7ZA	KA8ZPE	5T5PA	N6MB	K4CMS
KR0P	N0OK	AB2E	N8AA	K4GHS
LA7WCA	N4BAF	AE3T	N8XI	K4GK
LA8PT	N4TB	AG1A	NY4G	K5XM
N9AW	N4TL	DL5OCE	SM7BIC	K8YTO
NA9RB	N4UFP	JA4FHE	SP8HKT	KO8SCA
NN7X	OE3EVA	J18DGO	UA6J	KV1J
OE3SGU	OZ2A	K3WGR	UB3A	LY4T
OZ3Y	PZ5RA	K4CNW	UR9IDX	N0IRM
RD4A	RL3BZ	K8LN	US1CT	N4OA
UU4JMG	SP7ITB	K8WVA	W4ZRZ	N8KOL
VE6AX	UR5IKN	K9DR	W5JMW	PA3AXU
WA3I	US0YA	K9SG	W6SL	RZ6MJ
121	W2YR	KD2T	W8ZR	UA1ANA
AA6RR	W3OA	KD6UO	WA2USA	UA1CGS
CT3KN	W4PRO	KG8CW	116	UA6XT
DF1DB	W6RFL	KV4AA	AJ4F	UN6T
DK1EI	W7RN	LZ2HM	DL7URH	VE3YF
DK6CQ	ZL4AS	N2MM	EA5BRE	W1OPD
IK2SGB	119	N3NR	EI2GLB	W9XX
KD8RQE	AA3AZ	PY2PA	HA7PF	WA7BNG
KG9Z	AJ4A	RN3TT	IK0EIE	YL2CZ
N1JP	CT1FCX	SP6JIU	IK2OHG	114
N6HC	DK3GG	SV9COL	IT9TQH	AA4DD
SV1AHX	EW4M	TA2RC	IV3HYD	BA4DW
UQ1GWW	G4DJJ	VK4CAG	JA1WTI	BA7IO
UT4EO	HB9AAQ	W1KSZ	K1DC	CT3FN
UU2JQ	HB9BCI	W4DAO	K1RI	CU3AK
VA3AYA	I2TZK	W4NF	K3FRK	DL6NB
W2GG	I4MKN	W4NJ	KT1V	F6CWA
W2TB	IU0LFQ	WT4Q	PA0JSE	G3SDL
W3RJW	JA3AZD	YO4AUL	RV3ID	HK3PJ
W6XI	JA4XGC	117	TZ4AM	HP3TA
W9YE	JE2JMV	9Y4VU	UA4PCM	I5OYY
WA1PMA	JH6CDI	AE0P	VA7CRZ	IK7YZG
WY1G	JR3UIC	BH4IGO	W1ENE	IW0HEX
XE1VIC	K5UZ	DL1DWT	W1WEF	JA2KNW
120	K7EG	IT9AAI	W7GG	JA4KDT
9A5F	K8KWT	IT9DAA	W7OEV	JA5WIZ
AC9EM	N0KV	JA0AOO	W8LRO	JH1AGU
AL7TC	N4LR	JA1HQT	WP3R	JH6WMJ
DL2VWR	N8PW	JA4FM	WQ5L	K1RV
FG5FR	N9UA	JA7GYP	115	K2DC
	NT2A	JA7IC	AA5JF	K3MD
	NY7T			K3OSX

K5RJ	WA4DOU	W8HMK	DG7RO	K2ONP
KB8U	WB2HJV	W9SE	DL1VDL	K4RDU
KZ4V	WB2UFF	WA8MCD	EA5BYP	K5KA
N1QY	WS4C	WA8OLN	F5BAR	K6MW
N2JJ	WX3P	WT9U	G3LNS	KC2STA
N3MN	XE1RBV	ZP6CW	G8AJM	KE1F
N4IQ	ZL1BYZ		HC1BI	N8NN
NU8Z		111	I2BBJ	N9ISN
UA3FT	112	AA4U	IK5RUN	ND4V
W0VX	A92IO	AB4GE	IK8UHA	NN4RR
W4TUN	DJ1RL	AF4OX	JA1OVD	NU4I
WA1FCN	DK5RL	DK2WH	JA9KRO	NX7U
WA9YYY	DL5CL	DK6ED	JH1VHU	PY5CC
XE3ARV	EA1JO	DL1HRN	K1EO	RW4UU
	EI8IU	EV1R	K3JRR	RW9QA
113	EW1DO	F6ECI	K3PH	RX3AGD
9A1A	G3XGC	G3PLP	K4WW	TG9NX
BA4RF	HB9CRV	G4DBN	K5WAF	UB5ZAL
DJ5DT	HB9EFK	HL3GOB	K6MI	UT7KF
DJ9RR	HB9G	JA1AUD	K6VKO	VU2CPL
DL8CM	IU8FRE	JA1FGB	KB4MRX	W0VHF
DL8DYL	IZ4DIW	JA1NCZ	LZ1PM	W5WP
EA5KA	JA1SXR	JA5FDJ	N2CG	W9FI
G4AFJ	JA2HYD	JE2EHP	N3HBX	WB5TUF
JA0GCI	JA7BXS	JE8TGI	N3IQ	WC2K
JA4ITW	JG3LGD	JF2WGN	N3JB	WN0L
JH1ORA	JI4WAO	K2HAT	N4KE	XE1FAS
JH3GCN	JR7TEQ	K7ORK	N5BO	YV3AGT
K5CD	K0JPL	K9AJ	NC6K	
K8SL	K0TPP	KM1R	NY4I	108
K9FN	K1KO	KZ0X	OZ1LCG	A12Q
K9GWH	K3NF	LA0CX	RD9M	AL7R
KA4RRU	K4UAS	N4WJ	SM5BHW	DL6CNG
KH6DX	K8CC	N7BD	SV1VS	ER1LW
KI0G	KB2FCV	N9HF	UA3O	G3VAO
KT1J	KI4DLS	NA1DX	US7MM	HB9BAT
N4DJ	KM1C	UR6QA	W0UY	HB9CEX
N7KO	KM3T	UT1UY	W3XY	HB9FAN
NA3F	LA8HGA	VE6KC	W4DC	IK0PRG
NG0G	N5ZC	VE7CT	W4NE	IZ0BTV
NI5F	N6MA	VE7UF	W5VY	JA2MOG
NK5B	N6PE	W3FOX	W5ZPA	JA3NHL
R7NA	RU4SU	W4HOG	WB4TDH	JE2UFF
RA4UN	SM3DMP	W4OX	WL7E	JJ2PIK
RZ3AUL	UA1ACG	W5AQ	YU7AU	JK1MZT
SM5ARL	UA1CEI	W7VS	ZL3NW	JR7FRW
SP3EPG	UT6UD	W8KA		K1EP
SV1FKZ	VE7XF	W8MIL	109	K1XM
SV1JFV	W1HEO	W9RB	DF1KG	K2KQ
SV2AVP	W2CVW	WA2BOT	EA3GHZ	K2MK
UN7TW	W2SKI	WA2MUA	EU4T	K4WY
VE3KI	W3MR	WB9EEE	F8EZE	K6UT
W2GW	W3UL	YL3DQ	G3SVD	K8OM
W6BK	W4VHF	YO6HOY	J68HZ	KM8AM
W8FAX	W5VX		JA2CXF	KN4JX
W9DX	W6TC	110	JA4BXL	LU2DKT
W9VNE	W8GEX	CU3AN	JK1EXO	N1BZ

N4MEC	OE1CP	NI5M	N4NW	K5HK
N6RFM	OK2BUZ	NS3L	N4SC	K6UM
N9TF	OK3CQR	OE5CSP	N4VN	K7TJR
NU4Y	R0FA	OK1AYU	N6NU	K9EA
PA0ZH	RN4AA	OK2BVG	ON7PQ	KA2BZS
R5FY	RV6ARZ	S57AL	OZ4AAL	KH6KG/W5
R7LA	SP3BQD	UR3CRO	PF7M	KI0KB
RX6DX	SP6AXW	UT7UU	PJ2/K8ND	KK9H
S57J	US5CB	UU5WW	PY2DS	KW0A
SM6AOU	VE3OI	V73AZ	R6YY	LZ2XF
UX7UN	VK3NX	VQ9SS	RA6AF	N2SQW
UZ6LWZ	W3KB	W1CWU	RD4WM	N3ER
W2UB	W4UCK	W2EQ	SP5JXK	N3TR
W3NRJ	W6TDX	W2LE	UA6LCN	N4TTE
W4ZYT	W8VK	W2NO	UR1RWX	N6PF
W6KK	W9CPV	W3ICM	UR2RGN	N8MZ
W7ACD	WB6CJT	W4IR	VE1PZ	N9DR
W9HBH	WB8ART	W5JAY	VY2ZM	NJ9C
WA2ALY	WS1L	W8IW	W1LY	NK7C
WA4CEM	XE2YWH	W8OP	W4OWY	NN3Q
WA8MOA	YL1XZ	WA4MYO	W5KI	OH2OT
WC1M	ZL3RJ	WA6TLA	W6FF	RA1QX
WD9EQU		WC6DX	WQ5W	RU3UR
WW1WW	106	YL2GN	YU1NR	RZ6DX
	AA4FL	YU3EF		RZ6LB
	AE2U		104	SM5CCE
107	DJ6OZ	105	9M2AX	SM7CQY
4Z5LA	DL1QQ	DF2PI	AD1C	SO5AS
DJ8ES	DL2NOM	DF8AA	AH0U	UA9FGJ
DK3FB	DL3JSW	DJ3XD	CP8HD	US5CAO
DL2CHN	EA3CCN	DJ6KH	CX3CE	UT4EK
DL5XU	HA8DZ	DL4ZAB	DK3BK	UT7EC
DO4DXA	IW3GJF	DL6JZ	DL4FAP	UX4UM
EA5AT	JA1VLK	DL6XK	DL7UPN	UY0MM
EA7QW	JA2MNB	DO1CTL	E73D	VE3VHB
FG8OJ	JE6IGP	ES1GO	EA8ZS	W0YBS
G4AKY	JG3HBO	G3YUV	F6AJA	W1QA
G4RGK	JG5RVQ	HA8FW	F8GB	W3DRY
HI8R	JH2KKW	IZ2EWR	G3BRD	W3TMZ
I5IHE	JJ0NCC	JA1BWA	HB9CIP	W5CWQ
IT9XTP	JR0EQQ	JA1TAA	HK3O	W5GJ
JA5EY	K0DEW	JA6VA	IK0DWN	W5ZO
JA8JTH	K1PX	JA7BME	JA1SDV	W6PH
JH9DRL	K2CJ	JA8RRF	JA2FGL	W7DR
K3SW	K4DSE	JA9APM	JF1EGO	WA0I
K3YBN	K4SAF	JF1RYU	JF6WTY	WA9ETW
K5FZ	K5AM	K1DJ	JK1BSM	YC0LOW
K5KPE	K5ZQ	K2XF	JO1WXO	YO5ODE
K8LBT	K8JJC	K4MS	K0MD	
KE2R	KP4AA	K5AV	K0WK	103
KZ1W	KQ3F	K7OX	K1BG	AG1I
N2RR	N0JZ	K7PO	K2BLA	AI3Q
N3DAP	N2CW	K9RO	K3FM	DJ1MM
N4RF	N2WLG	KI5T	K4KEW	DJ7PI
N6EE	N3XM	KT2E	K4MF	DL2HX
N7TY	N8AID	LZ1JZ	K4VIG	DL8YRM
N8AGU	NA5Z	N4JI	K4YJ	DM5TI
NA5Q				

DS3HWS	W1CTN	OK3CSQ	JF1RPZ	UT1CC
EA7SG	W4AVY	ON5UE	JH3HGH	UT4IS
EU6MM	W4MZ	PA7TWO	JH3PRR	UT7HA
EW3LB	W5THT	PV8ABC	JI3KDH	VE2OJ
G3BDQ	W5VU	PY2DO	K0LW	VE3XB
G4AAW	W6SZN	R2AB	K1YR	VK2GR
G4PUQ	WB8BZK	R3IS	K2BX	W0QC
G4VGO	YO7APA	RU3UN	K3SEW	W1AW
I0OSI		SM6WET	K6AAW	W1FC
IK2ANI	102	SP5MXZ	K6XJ	W1GF
IZ0CKJ	A6/RV6LNA	T77V	K7AR	W2SF
JA2GQO	CT4BD	UA1AIR	K7IA	W3WH
JA2OLJ	DK3QM	UA1CKC	K8BN	W4BUE
JA8EJO	DL3DXX	UA6HOF	K8ZR	W4PM
JH1DGQ	DL3NCR	UA9MR	K9JU	W7AV
JM2RUV	DL4CW	UA9UCO	K9PG	W7CB
K2UVV	DL4KUG	UW7CN	KC4PX	W8GB
K4LQ	DL5RDI	VE2FYR	KD3UY	W9MAF
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K8CCV	F6BWO	W1PV	KF7NN	WA3EKL
K9MUG	FM5WD	W2LW	KN6J	WB3HLH
K9XJ	HB9AHL	W2TX	KQ1F	WC4H
KE1IU	I8LWL	W3EKT	LA2GV	WK9U
KJ4R	IT9SFT	W4ALF	LZ1XZ	WR2G
KJ7WY	IZ4MJP	W5TO	N0STL	WW5G
KM9E	JA0HXV	W7IUU	N2AJ	YO2OXD
KX2A	JA4EVN	WA0IDK	N5AQ	YO6BHN
LA9GX	JA6OXT	WD8DSB	N6WM	YV4DYJ
LX1DA	JA7EPO	WS4Y	N8AG	
N0RU	JA8OW	YO2IS	N9JCS	100
N1HOQ	JR1BAS		N9PGG	9M6YBG
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N9SF	K0YN	AA2VG	NX2X	AA4AK
OH3GD	K1EDG	AA3LX	OA4TT	AB4VV
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OZ7JZ	K3KG	D44BC	OK2BOB	DJ6OI
PA0GMM	K4AQQ	DH2FW	OK3EY	DL1TPY
R9GM	K4KAY	DK9WI	OK4MM	DL1TRK
RA0FA	K5ZO	DL1KS	ON4LG	DL9GTB
RA4HT	K6DJ	DL3ANK	OZ5HP	DU7ET
RK3QY	K7BHM	DL5JS	PA4WM	EA2AAZ
RU3OW	K7UA	DM3ML	RA3AH	EA3ALD
SM3CBR	K8BHZ	EA1WX	RA4P	EA8AXT
SM6EHY	KB9DAK	EU1TT	RA4SD	EC5A
SM7BHH	KJ6NZ	G3ZFC	RB7GG	EI9E
UA3PFN	KN4KL	G4FJK	RK9F	ES5NC
US2WU	KW4BY	GM3WTA	RY6M	FM5GU
UT2AB	KY6R	HB9NL	SM2DMU	G0VXE
VA2ZO	LA3ANA	IV3GOW	SM7NDX	G3OIL
VA3IC	N5RZ	IV3KCB	SP7JLH	G4CGG
VE3EDY	NZ3M	JA1VVX	SV1PL	GM3ZSP
VE3MFA	OH2EA	JA2VMU	UA0FDX	I2VGW
VE3VV	OK1DTN	JA6TMU	UG6GAW	IK0HFO
W0UVC	OK1JDX	JA7SFD	UR7CQ	IK4MSV

IS0/YO3RA	NJ3I	YL2SM
IW0BYL	NN4SS	YO9FLD
JA1BRK	NU1T	ZP9MCE
JA1CPU	OE5JDL	ZS2DL
JA4FSH	OH4UI	
JA5DQH	OK1DXD	
JA9CGW	OK2PAZ	
JO4CFV	ON4ANN	
K0FLY	ON7EH	
K0XM	ON7GB	
K1NA	ON9CC	
K1NZ	OZ1ZD	
K2CBI	PA0INA	
K2CYE	PA7RA	
K3TZV	R3PJN	
K4FT	R9JX	
K4KSY	RA3SD	
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KB0EL	S59DJK	
KC0V	S59SV	
KC4D	SV1VJ	
KC5LT	SV2DSJ	
KD8BZY	UA3AKI	
KD9HL	UA4PAY	
KP4N	UA6CEY	
KQ5M	UN6P	
KS4XQ	UR4CW	
LA6UL	UR4LRG	
LA8W	UR8IDX	
LU5OM	US8UW	
LU5YF	VE1RGB	
LZ3YY	VE3OAT	
MM0SJH	VE7JKZ	
N0AH	VP2VA	
N1KI	VR2PX	
N1MD	W0GYH	
N2DPF	W0MU	
N2SG	W1AN	
N2XQM	W1YRC	
N3AF	W2CCC	
N4CRI	W3BBO	
N4ZR	W4HHN	
N7DED	W4OV	
N7TK	W5BK	
N8IL	W7DT	
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NA6O	W8GDQ	
NA9Q	WB4SON	
NB3R	WU2M	
NG7A	YB1TJ	