

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 22 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	UA4CC	316 4X4DK W2VO	310 I4AVG KJ9I SM5BFJ SM6CVX	NN4T	UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	315 IK4WMA OH3SR S50U W1JR	309 UT5UGR W5IZ	303 F5LGE JA1BK JA4LKB K1UO SM3GSK YU1FW	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
340 K1ZM	324 K2TQC OH2BO W1NG	314 IK4GME K5RK N1DG NX4D OK3GU OZ1LO	308 I4EWH IK4MGP IV3PRK K4SV K8GG	302 DL4MCF GM0GAV GM3YTS	297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
339 W4DR W4ZV	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT UT3UA VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E	296 DF2UU F5NTV G4PWA OE1WEU ON5NT W1JZ
334 N4WW OH2BU	322 K4PI UX0UN W3UR	312 OH1MA	306 EA6SX K4CIA N4RJ SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF	295 JA2JPA K3UA
333 R7LV	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS UA6A	299 JA4DND K4TEA N1BUG SV1FJA	294 JA4LXY JH2FXK LA5HE RJ3AA SV8CS WD5COV
332 UR0MC	320 SM4HCM W8UVZ	318 W9ZR	304 CT1EEB DJ0MDR		293 DL1AMQ
331 K5UR	319 K8MFO N0XA SM4CAN				
330 AA1K HA0DU LZ2DF OH1XX UT7QF					
329 K3UL UA4HBW					
328 R4GM	317 W3LPL				

S58T	VA3DX W4PK	NJ6P SM4DHF SP6HEQ YO3APJ	SP6AEG W6UB	NR1R R3LA W8TE W8XD	F6GCP I1FQH N3NT R9FM
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SV1AOZ W3YX W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG KF2O MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA7A G4OBK RW0LT SV8BHN YO5BRZ	258 G3ZSS KW9A N5KD RN3CT VE3QAA
291 9A7V DF3GY KD9SV N0TB R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	285 CT1APE G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W UR5WA	272 9A2EU CT1EKY DL1DUL DL2OE SP6CIK	264 AA6YQ IK2YCW K7ZV SP9JZU W1GL	257 IK5HHA K1GUN W9YSX
290 IZ0AEG SP3IBS UA3AKO	284 K5XI UA3AB	277 AA4MM DJ9VA F6AOJ IK5BAF ON7TK SP9DWT	271 EU7A G4GED HB9AMO OZ1CTK	263 IZ1ANU K9OW LA5IIA W2SM W3AP	256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX JH4IFF K4SO K8KS N2LT N7NR SM6CTQ SP3DV US5WE UY5ZZ W0BV W2YC	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ RU3FM	270 JA5AUC OE5KE SM5KNV	262 G0DQS K4XP KR9U W1YY	255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI
288 PA3GCV RA3CQ RY9C SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY JA2PJC JA5EXW K1CP K9CT S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ UW2ZM VE2TZT	268 DL5DSM G3WPH RA3XDX RK4FD W1MK	261 9A4T DL9YX EI7BA K2EK K5KC N6SS NO8D SP1S SP5DIR	254 N0AT OM3DX WA4FFW
287 DL1RWN G3XTT N2QT	280 EA6NB HB9BIN	274 G3TXF K1ZZ	267 LU8DPM RZ3DX	260 EA5BM K1LT K4DY KX4R	253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG W3KX
			266 K8PT LA3MHA	259 DF4PL	252 EA1DR

IV3YYK	F2JD	240	KA9CFD	SM3NXS	K5AB
JF2MBF	K0IEA	JA0CRI	N6DX	W4GF	K9FD/KH6*
JG3QZN	N6TR	K0JUH	OK1CF	W4VQ	N4CH
JQ3DUE	TF4M	K1FZ	R7DX		RA3QK
ON4AOI	W2TQC	K1ZG	VE3XN	229	RV1CC
PA4VHF	W5XZ	K9OT	W3LL	CT1FJK	RW3XZ
R5DT		LA2XPA	WA7NS	DJ4AX	SP3CGK
S52F	245	UR5MID		JA8FKO	SP8NR
W3UM	AB3CV	VO1NA	234	J11BEX	US0SY
	DL4CF		AC4G	OE5NNN	VA5DX
251	JA1GV	239	AJ6T	RO7T	W7KW
DJ7RD	N9US	F6BLP	IZ8FFA		
DL9RT	RL9F	G8VR	K1AR	228	224
I1EIS	RY7G	JA5MHD	K4UTE	AF9H	DL5WW
JA2VPO	W9XY	JR3GWZ	KF0QR	AI0O	I3BUI
JH0BBE		K0KT	PY1BVY	EA1N	IZ1LBG
N4II	244	K1HTV		K4HB	N8BM
VK4MA	AG9S	KH6AT	233	N2WK	SP5INQ
W5UN	DK6WL	LY3UM	AB4I	OH2BEN	VK6VZ
W7LR	IK0XBX	RN3QN	EA6VQ	SV8CKM	W0VTT
	JA1HGY	RU3QR	JA0FSB	VE3DZ	W2RQ
250	JA7QVI	SV1ELF	K0CS		
HB9RG	ON4IQ	SV1RK	K2UU	227	223
NQ1K			KA7T	DL7HU	AB0X
OZ8BZ	243	238	SK3PY	E72A	HA7TM
PY2RO	DK2JX	DL8WN	UA4HAU	ES1RA	JH2TPI
	DK3DG	EA6ET	VA2WA	IK0HBN	RT6T
249	JF8QNF	IK0XEZ	W7AO	IK6FWJ	SV2JAO
AI9L	NN4X	JA0DAI		JA1UQP	ZS4TX
IV3ODE	ON4ATW	K1DG	232	JA9CHI	
JR3IIR	S57A	VO1HP	JA8EAT	K1FK	222
K9NW	W9RPM		K2AZ	K3NW	DF6PB
SP5DRH	WX4G	237	K4XL	KD0Q	IV3JVJ
		DL7MAE	NI6T	W1TC	K3SV
248	242	NI0G	NV9L	WB6RSE	K6EID
K3WW	IK0MHR	OM4EX	S51DI		N5AW
K5RX	KG7H	RA0FF	UA3AP	226	N8PR
K9RX		UR5EDX		JA2NDQ	N9BX
N2NL	241		231	JA6BZI	SM0CCM
SM3VAC	EA4KD	236	4X4NJ	JF2KOZ	SP7GAQ
SV8GFW	JA1SYY	K1JO	HA9RE	JR6EZE	W9BF
T77C	JA3EMU	K9NR	IK0YUT	K9FD*	
UT9FJ	K2FF	K9ZO	JH1HGC	N6AR	221
W9NGA	K5ZK	KC7V	K5EK	N6JV	DJ8NK
	N4XM	OK2ZI	N7NG	ON4GG	K4MWB
247	N5TY	OZ4O	ON4ACG	UT5JAJ	K8FH
K6XT	N7RT	SP8AJK	W9IXX	VE6WZ	K8SIX
NO2R	OE2LCM	YO9HP			MM0EAX
R7IA	OK1DWJ		230	225	N6VR
WB3AVN	SP5GRM	235	DJ5FI	A45XR	W1ZK
	UA3TT	CX6VM	FK8CP	IW1ARB	W6JRY
246	VE1YX	JH4ADV	JA1CMD	JH7PFD	WA7NB
DJ2TI	VE3NH	K3SWZ	N8JV	K1MM	WS6X

220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY	YU3AA YV1DIG 215 AD5A JA9PPC N7JW RA1QD W0UO W2LK W6YI 214 DL7BA HL3IUA JA2JW JA2WYN K3JGJ K4NA OK1DX RN7G W4NL 213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M RU4SO W0LYI W1FJ W2WG W3YY	IK4DRR JA4DEN K3WA LA7GIA NX0I RU3SD UR5FEO W1ECT WA5VGI 210 I8SAT JH0INP JJ2LPV LA4GHA UW7LL W7JW 209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT 208 G3NSM JA7MSQ JF4VZT K2FU N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ 207 I4LCK K1LPS K3JT K8EUR PY2BW W0LS 206 DM5EE	IK0IOL JA3PIS K2VV K5AQ K5RT KG9N N8DJX N9AU SM6BZV US0KW VE3BW 205 I4KDJ JA3AAW JA9FPI K1DT PY2XB W8UN WB8ZRL 204 DJ5AV IK7NXM K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U WI8A 203 IZ8VYU JA2XYO JE1PNX K4XO K8AC K9MMS KK2I PA0A R6AF W8GC 202 DL1MGB DL2KQ DL9DRA EA1RT	JA3CSZ JA5AQC JH3VNC K2NV LY1G N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR W7DO WA2HZO ZL3IX 201 AA5AM CU2DX DL1EJA F4BKV JA9NFO JI2KXK JO7WXN K3HP K3LR K5MC N4QS N5ZM W5TCX 200 JA1GTF JH2RMU K1GE K9US LA7HJA RW4NN RW7M UY0ZG W0DD W0MHK W2IRT W3GG 199 JA2DPC JA2JNA K1GG K6GXO N4DW OZ1AXG W1TO	198 DL1ROJ G3UJE G4BUE IT9JNR KV7K W8HB 197 G3SNN HB9DDO I5KKW JH2UVL K8NVR LA5YJ OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL 196 4Z4DX AA4HP AG4W DK2LO F6EXV IK4PLW JA4PXC K8PO KA9FOX KP2A ND0N RA9CMO RZ4FO W0FS W2FCR 195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP
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194 K4KDX K9JF KB9LIE KC9ARR W1NT W2LO W4FC W4UM W9OO WD8JJA	190 CT1IUA IZ8XQC JA1DUH JA1MCU K2TE K9KU KF7PG KM1D LA7AFA N4XU N5GH SP2LNW VE7VV XE2X	JA8DNV K0BJ K3PA K6SRZ K7LAY NE1B WA3C	W1YM	AE5E CT1EAV CT1GFK EA8JF HA5WA IK4ADE JE1BMJ K3WC K9NU SM6DHU W2OR W5LT W7FI	K2KA K3AJ K4TR K4WS OE1WHC OK1DWC RN7F UA3LNM W8UV W8VVG WT8C
193 DL5ZB DL6ZXG EA3WD HA5BSW JA1XEC K4ODL K9YY KB8VAO N9EN PA0LOU RN1ON UA0CA W9MU	SP2LNW VE7VV XE2X	185 AB6QM EA6BF G3KWK IK3SWB K0BBC K5ZD N4TJ N5UR OE2BZL SV1DPI UA9CBO	180 DM2DXA DM3VL K2EP K4CN K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W3YQ W8TN	176 EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK RL3FA W4BP W4GD YO7NE	173 5B4ALJ I1JQJ JA1PPW JA3ENN JA9TWN K1NTR K4XR KA1J N5FG PY5EW W8HC
192 9A2NA DK1FW IK0FVC JA0EOK JA7JWF K3FN K4FJ K5XX K7GM K9EU N4DB N5LZ W3UA W8LGJ WN6W	189 9A2F EA8PP FM5CD JA3RAR K0JGH SM7GIB SP7HOV UA7T WE9R	184 AA1ON I2AOX JA2ZL JF1NZW JF1PUW JH1RFR K4HGX K5KLA KB4ET KL0S OH2IS S57AC US8UA	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
191 G0OIL JA1ANR K8FC K9LA RK2FWA RX3APM WA2VYA	188 AB4IQ JA1KQX KB0EO KB1EFS N8LJ RM0F W6SR W8JV WA6YEE	183 CT1FMX CT3MD IT9INO K8VC KE9ET LA3WAA NN2L ON6SAS W2FP W8NW	178 EA3CJ HK3W JA2LCP JA4MRL JE2URF K2UR K8RRT NE0U SM7DLK SV1JG W6NWS	174 4Z5CX 4Z5MU JA0GJJ JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K0TT	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU K9YC LA5LJA N0RN N4OGW N7RO N9RC RA3DNC
	186 9A8A IK2QPR IZ8FWN	182 DJ9ON DK3UA JA1SHE UR3EO	177 9H1SP		

SV1LK	JE3ENP	164	VK3HJ	W1OX	SM6VR
WB7B	JG0CQK	GU4YOX	YU2TW	W2XL	ZS6EZ
ZS1LS	K4XD	HA7UW		W3GQ	
170	K6KO	HB9BZA	160	W4QN	154
CT1FPQ	K8NK	JA1RTX	AD5Q		3V8SF
DJ6TK	N0IJ	JA7ZP	DL1DA	157	GM3PPE
JA6JPS	N3BNA	JH2SON	EC3A	AA4H	HB9TKS
JF1WPB	PA3C	K1NJ	EI6FR	AC6DD	JA8NFV
JM1GYQ	RA1AOB	N5WA	HB9DHK	DK1WB	K0KVR
JR7BDQ	RN9N	N9FN	HB9FMN	G3TQZ	K4RG
K6ZZ	S51EC	RA3ZH	IW2FND	G4GIR	W1NA
N4PY	SP3FAR	SV2AEL	IZ4DPV	JA1GHH	W2XI
SP3GTS	UN9L	W4NS	JA2EPW	JH7IAJ	W5DNT
SV3KH	VE6WQ	W7YAQ	JE2LUN	K9GA	WB0TEV
W9AJ	W1YW	WP4U	JE2OVG	LY5A	WE1P
W9EVI	W3IP		JF2XGF	N5MOA	WS7L
WA3AFS	WA0MHJ	163	JR7MAZ	NE9Z	YS1RR
WC4X	WA4LOX	9A2JK	K3MSB	RN3OG	
		DJ9HX	NR4M	RU4UR	153
169	166	K7NN	RU6L	SM3PHM	AJ9C
IK0PEA	4Z1UF	K8TL	UA0FZ	SV8ZS	DL3ZA
JA1ADT	DJ4SO	UR4CWQ	UX5UO	W2TA	EA5BY
JR1IZM	IV3TDM	VE3CFK	W1BR	W5GZ	G3TJW
K1LI	JA1FNA	W7AL	W5XC	YV2IF	HL2CFY
N4XX	JA9LJS	WW3S	WX0B		JE3GRQ
N7US	K3KY			156	JF1IRW
PE1L	K4JLD	162	159	DL4MM	JR9OPJ
UT8MM	K4PB	4O3A	JA4FKX	F6HDH	K7SP
UY5AA	K4ZYU	9A4W	JE2LPC	IK0AGU	K8VJV
WB3JFS	K9MBQ	F3AT	JH6QFJ	IK0FUX	N4TV
	OH2BLD	JA6GIJ	JH7CFX	IZ8IEV	N5TW
168	RM3DA	K1KI	K1KA	JH2QMT	N8II
G3MXJ	W1RR	LB6KC	K4RO	JO7HAM	R9OK
IK2EGL	W8ILC	N8MR	W3HKK	K0QC	SM6CLU
JE7JDL	WA8TXT	RW3RN	W6BJH	K8YSE	SP5CCC
JF2UPM		W0HT	W7SX	KS1J	UT5UY
K5QY	165	W0TT	W9RN	N3UA	WB8BPU
K8RYU	DL7UCX	W1LW	WA9PIE	N4HB	
KR4F	I2ZGC	W3JX	WD5BJT	UA3SAQ	152
N4QQ	JA6VQA	W4DKS		VA3LX	EW2A
N8BJQ	JE7RJS	W8WEJ	158	W1YIF	HB0CC
PA7F	JN4MMO		DJ4PT	W4TV	HB9BUN
SP5GH	K5JZ	161	DL1FKA		JT1CO
TF3SG	KI5BLU	DK2GZ	JA9APS	155	KS3F
W4SVO	KK4CB	DL6RAI	JH1TWT	AB9V	N9OY
W6RW	NY0V	JA1DOF	JI1FXS	DL1RK	S55ZZ
W6VX	RC9F	JH4CPC	JI1NJC	DL6MRS	UA6IGI
W8OI	SM4CTT	K1USA	JR1GJP	JE2DZC	UT5AB
WA5YNB	SP6EQZ	K5GO	K5TT	K2LS	VE6LB
	W0DJC	K8ND	OZ1HX	K4WA	W1SKU
	W5BN	LB2TB	RU6M	N3RC	W1VT
167	WC5N	N4GN	SM4EMO	NE0DX	W6RLL
DK5AD		OH6RA	W0SZ	NW7E	W7AJ

WB3CQM	K8ME	K7WP	HS0ZEE	W3BW	138
	NX8Y	N7BT	K7CMZ	W4JVN	DK8MCT
151	SM6CUK	RU0SN	K7CW	W4VIC	DK8YY
AA7G	UW7UA	W1IZL	K8ROX	W4WT	EI9FBB
DK2OY	W0GG	W1ZT	KJ9C	W8HW	EU4A
EI9JF	W7HPW		LZ2ZG	ZS1C	F6DDR
F3SG	WB8B	145	N2RJ		IK8EPC
JA6BEE	WD5K	AF4HX	N2WM	140	JA3OOK
K2FW	WS5W	I0JBL	N5UW	9A1CAL	JF3LOP
N1EN	WW2DX	JJ3HGJ	N6PAT	DF2RG	JH7RXU
N5JB	YO3DDZ	JN1BMX	R8TX	JA9RRH	JK1AJX
OK1ATP		K1OA	W0IZ	K5WK	K1RO
RD3A	148	K3VAT	W6QUV	K6KLY	K2RET
RU3A	DK2CC	K4OY	W8RLS	KF8DX	KJ6P
S54A	EA7TV	K8BL	WB8ZRV	N4XP	KK1W
SP7AWG	F5CQ	KF6HI	WD9DZV	N6PSE	NA5C
SV9AHZ	F5LVL	LA6OP		N7WS	OZ8X
W7RH	HB9SLO	N1CGP	142	OH6NIO	RW4CY
WA1Z	JH1QDB	N4GG	I5HOR	OK2ZV	V51B
WP4G	KR2Q	RT0F	IT9BLB	ON7DR	W1GD
	N2WB	SM3DTR	JE1FQV	UN1L	W2YE
150	NE3F		JR7WFC	VE6SV	W4YV
DL4SZB	W5FKX	144	K3PP	W0SEI	W7OM
EA1AF	W9JJB	CU3EQ	K4WZ	W4NU	
IT9DSZ		DL5CW	KQ4AV	W7IV	137
IV3RAV	147	DL5KUA	LA9VFA	W8LWU	EA1YO
JA2NQG	EA3GP	E70T	MM0SAJ	WO2T	GM3YOR
JA2VQF	IV3VBM	EI6IZ	N5XZ	YL2MU	IZ2FOS
JH1NYM	JA1SVP	GM3ITN	N7QT	YO9FNP	JA3APU
K0RS	JA1XQC	HB9BYQ	NA4D		JE6TSP
K7LV	JH4ALY	HI3T	NQ7R	139	JH4JNG
K8AJS	K2AX	I5MXX	NY2NY	CU2AP	JR1XIS
KU4XO	K7HP	IT9GSF	OK1DO	DF7EE	K2QMF
N3QE	K8UT	IZ4GWE	W2OO	DJ4XA	K8NS
N9CO	K9MK	JA3GN	W5ADD	DL5EBE	N2PK
N9MB	KM1H	JR3OEH	W5LUA	DL8OH	ON6AA
OE8SPW	N1IBM	K0VSH	W5VQ	JA1TMG	RA3CO
SV1CNS	PC3T	K5TR	WA5POK	JH0BQX	RG7G
UA6YW	UN7LZ	N1IX	WB8CQV	K3ANS	UU1JA
W6DAO	W1OP	N3KK		K6AM	W1ITU
W7CT	W2KKZ	SM4OLL	141	K8GI	W2CG
WA2BCK		SM5CLE	AC9S	K8RF	W5ODD
	146	W2/CT1GIF	DL5MHQ	KD0PO	WB5JID
149	F5PAC	W4GE	EW1BA	KU0A	
AA6AA	G4FTC	W7ZI	JA1PTJ	LA8WG	136
DL7CX	JA1HQG	WC5M	JA2ATE	OK1MP	DS1JFY
IK4FNF	JA4DHN	WD5T	JA5XAE	OK2QA	E72U
IZ3ENH	JH1GNU	YO3CD	JL1UXH	SM5CBM	ER0FEO
JL1ARF	K1CA		K2RW	SV8ZC	IK8CNT
JR5JAQ	K5KV	143	N8OC	W0SD	JA4OK
K3RA	K5SM	DL1DUO	NJ3K	WA8WV	K0TV
K3TN	K5VWW	DL6EN	OE6VIE		K6EME
K4YYL	K6NR	HB9HFN	SV3FUO		KR6C

N2ZN	W4JKC	WB3D	129	K0RW	HK4SAN
OK1DW	YU1AM	XE2S	HB9AZZ	K3TRM	IK5DNF
SM5OJH			JA1NWD	KM4H	JA4IYL
SP2BMX	133	131	JA8JO	KM4NS	JA6VU
UT3UZ	9K2NO	DK7YY	JI4POR	N1AC	JE1TSD
UW8SM	EU1U	G3UHU	K3NK	N1GC	JE6UWU
W2OIB	IZ8DFO	HS1NGR	K4TT	OE8HIK	JF2WXS
WB7QXU	JA7GLB	IV3KFB	K6XM	S51NM	JH3CUL
	JA7LGE	JA2TBS	KM3V	SK7AX	JH4ADK
135	JA9AGN	J11DCW	N0YY	SM0BYD	JL1RUC
5B4MF	JH1HHC	JJ1TEA	N3KS	SP6A	K1HAP
DJ9ZB	K1ZN	JM1FHL	N3RR	SP7ASZ	K5KG
F6FXU	K2CDJ	K1UU	OH1JP	W0CP	K8DV
HB9IQB	KS4YT	K5VIP	PY5EG	W0RT	KA6BIM
IK8GYS	KU2A	KH2L	W7QHE	W0YVA	KI4WCQ
IV3DXW	N9MR	N4QWZ	W8MET	W3BG	LZ1XL
IZ0RVI	OE1KM	N5PHT		W3MF	N2KA
JA7LMZ	RA5BM	N6RK	128		N3EN
JA8BNP	RV4LC	NA5DX	AA4SC	126	N4JT
JA8JL	UQ2PZ	NN4R	DM2RM	DJ8WD	N9RD
JH4HMG	VE3WT	ON4ON	HB9CQK	F8BPN	ND5S
K1ZE	W0NFL	R0SR	IT9ZZO	G4IUF	NW6S
K7FL	W2QO	R9MJ	IU0HDC	HB9FMT	OE1AZS
NZ9R		R9SA	JA2AHH	IZ7EVZ	OH1ZK
R7LP	132	W8DCH	JA2KSP	JA1XCZ	RA0BA
RN3RQ	AA4NC		JA9AA	JA7KY	UN7JID
SM3LGO	AB9M	130	JE1LFX	JJ1DWT	UU7JM
SM5CZK	AD6W	DF9ZW	K0FF	JN1RQV	VE3UTT
SP3XR	IT9RDG	E73M	K3XA	K2ZD	W5DAW
W1DIG	JA2KVD	EI2JD	K4JAF	K4JKB	W9CG
W2GD	JA6CBG	G7VJR	K4SE	K4XU	YO2RR
W4BUW	JR2LJO	HK0HEU	K6LPO	KC2LSD	
W4MBD	JR6FC	JA2FBC	KG7CW	LB7ZG	124
W4RFZ	K6YUI	JG1DUZ	LB5WB	N8NA	AA7XT
W6JTI	K7TM	K2MYR	N5KM	OK3CQD	IK3VBB
W8GNM	K9ZM	K6SIK	R9SG	OZ1IKY	JI1DHY
WE4S	N6HY	K7LFY	S53X	PA5TT	K4ZO
	ON4CAS	K8BCK	S55DX	SQ5EBM	KD4POJ
134	OZ2RH	K9GL	SM3GQP	VE3CX	NA2U
CT3HF	SM4BZH	N3MK	SV3DCX	VE7BV	PA0TCA
IK4DCS	SM6BGG	NA4EA	VQ9LA	W8MK	PA3EWP
K1TO	SP6M	NO9E	W2WC	W8REW	UA0BA
K3OX	SV5DKL	OZ2ABI	W4IS	W9ILY	VE1DUN
K7XB	VE3CRG	R3VA	W6RKC	WB0O	W2JU
KA8SYV	W4AXL	R5QA	ZS1A	WB2REM	W2RIJ
KX4TT	W4RBO	R9AB	ZS6UT	WD4LBR	W3FM
N9RS	W4WM	RU1AO		XE1KK	W6CYX
OE1TKW	W5AJ	TA1CM	127	YU1EXY	W8LMG
PY5HOT	W5SL	UN7JX	HK1MW		
RG6G	W6DR	VE3DO	JA1DDH	125	123
RX4HW	W7AH	W2MPK	JA1WLO	9A1AD	AB1OC
UA0ACG	W7CD	W9ZT	JA8RJE	GW3TMP	AC4TO
W1EQ	W9FR		JS2LHI	HB9RYZ	DL7JRD

DL9FCY	VE6AX	PZ5RA	AG1A	N4IR	HA5UK
F4GTB	WA3I	RL3BZ	DL5OCE	N6MB	IZ7JVR
G4WFO		SP7ITB	JA4FHE	N8AA	JH1RFM
G5LP	121	UR5IKN	J18DGO	N8XI	K0GD
HB0WR	AA6RR	US0YA	K3WGR	NY4G	K0SD
IK2CHZ	CT3KN	W2YR	K4CNW	SM7BIC	K4CMS
IK3XJP	DF1DB	W3OA	K8LN	SP8HKT	K4GHS
JA0CRG	DK1EI	W4PRO	K8WVA	UA6J	K4GK
JA1SJV	DK6CQ	W6RFL	K9DR	UB3A	K5XM
JA3MHA	IK2SGB	W7RN	K9SG	UR9IDX	K8YTO
JA6WJL	KD8RQE	ZL4AS	KD2T	US1CT	KO8SCA
JH3AIU	KG9Z		KD6UO	W4ZRZ	KV1J
JR1EBE	N1JP	119	KG8CW	W5JMW	LY4T
K2PK	N6HC	AA3AZ	KV4AA	W6SL	N0IRM
K3XO	SV1AHX	AJ4A	LZ2HM	W8ZR	N4OA
K4ZIN	UQ1GWW	CT1FCX	N2MM	WA2USA	N8KOL
K5GH	UT4EO	DK3GG	N3NR		PA3AXU
K7UT	UU2JQ	EW4M	N4DJ	116	RZ6MJ
K9CS	VA3AYA	G4DJJ	PY2PA	AJ4F	UA1ANA
KV4T	W2GG	HB9AAQ	RN3TT	DL7URH	UA1CGS
N2ED	W2TB	HB9BCI	SP6JIU	EA5BRE	UA6XT
N4DWK	W3RJW	I2TZK	SV9COL	EI2GLB	UN6T
N6MZ	W6XI	I4MKN	TA2RC	HA7PF	VE3YF
N9JV	W9YE	IU0LFQ	VK4CAG	IK0EIE	W1OPD
N9LQ	WA1PMA	JA3AZD	W1KSZ	IK2OHG	W9XX
NA2P	WY1G	JA4XGC	W4DAO	IT9TQH	WA7BNG
S50B	XE1VIC	JE2JMV	W4NF	IV3HYD	YL2CZ
UA3DK		JH6CDI	W4NJ	JA1WTI	
UT3QU	120	JR3UIC	WT4Q	K1DC	114
W1AO	9A5F	K5UZ	YO4AUL	K1RI	AA4DD
W8NJR	AC9EM	K7EG		K3FRK	BA4DW
WB8K	AL7TC	K8KWT	117	KT1V	BA7IO
WV4TN	DL2VWR	N0KV	9Y4VU	PA0JSE	CT3FN
XE1H	FG5FR	N4LR	AE0P	RV3ID	CU3AK
	HB9BLQ	N8PW	BH4IGO	TZ4AM	DL6NB
122	HB9DHG	N9UA	DL1DWT	UA4PCM	F6CWA
G3NDC	IZ0LKV	NT2A	IT9AAI	VA7CRZ	G3SDL
HA1RB	IZ5NFD	NY7T	IT9DAA	W1ENE	HK3PJ
JA1MRM	JH4GJR	OH5NG	JA0AOO	W1WEF	HP3TA
K1ESE	JR6LLN	OK1DT	JA1HQT	W7GG	I5OYY
K1YT	K2BA	R6FFB	JA4FM	W7OEV	IK7YZG
K2MP	K2HK	SV1ACK	JA7GYP	W8LRO	IW0HEX
K7ZA	K3QIA	SV1IW	JA7IC	WP3R	JA2KNW
KR0P	K5JC	W0QQ	JM3GXU	WQ5L	JA4KDT
LA7WCA	K6FW	W0RX	JR2UBS		JA5WIZ
LA8PT	KA8ZPE	W4HZ	K1BZ	115	JH1AGU
N9AW	N0OK	W8FIB	K2BB	AA5JF	JH6WMJ
NA9RB	N4BAF	XE1RCS	K6PJ	C6AGU	K1RV
NN7X	N4TB		K7PI	CU2CE	K2DC
OE3SGU	N4TL	118	K8OOK	DL9GOA	K3MD
OZ3Y	N4UFP	5T5PA	K8QM	G4XEE	K3OSX
RD4A	OE3EVA	AB2E	N2BJ	G8BCG	K5RJ
UU4JMG	OZ2A	AE3T	N3ND	G8DX	KB8U

KZ4V	W9DX	W3UL	W9RB	YU7AU	JA2MOG
N1QY	W9VNE	W4VHF	WA2BOT	ZL3NW	JA3NHL
N2JJ	WA4DOU	W5VX	WA2MUA		JE2UFF
N3MN	WB2HJV	W6TC	WB9EEE	109	JJ2PIK
N4IQ	WB2UFF	W8GEX	YL3DQ	DF1KG	JK1MZT
NU8Z	WS4C	W8HMK	YO6HOY	EA3GHZ	JR7FRW
UA3FT	WX3P	W9SE		EU4T	K1EP
W0VX	XE1RBV	WA8MCD	110	F8EZE	K1XM
W4TUN	ZL1BYZ	WA8OLN	CU3AN	G3SVD	K2KQ
WA1FCN		WT9U	DG7RO	J68HZ	K2MK
WA9YYY	112	ZP6CW	DL1VDL	JA2CXF	K4WY
XE3ARV	A92IO		EA5BYP	JA4BXL	K6UT
	DJ1RL	111	F5BAR	JK1EXO	K8OM
113	DK5RL	AA4U	G3LNS	K2ONP	KM8AM
9A1A	DL5CL	AB4GE	G8AJM	K4RDU	KN4JX
BA4RF	EA1JO	AF4OX	HC1BI	K5KA	LU2DKT
DJ5DT	EI8IU	DK2WH	I2BBJ	K6MW	N1BZ
DJ9RR	EW1DO	DK6ED	IK5RUN	KC2STA	N4MEC
DL8CM	G3XGC	DL1HRN	IK8UHA	KE1F	N6RFM
DL8DYL	HB9CRV	EV1R	JA1OVD	N8NN	N9TF
EA5KA	HB9EFK	F6ECI	JA9KRO	N9ISN	NU4Y
G4AFJ	HB9G	G3PLP	JH1VHU	ND4V	PA0ZH
JA0GCI	IU8FRE	G4DBN	K1EO	NN4RR	R5FY
JA2HYD	IZ4DIW	HL3GOB	K3JRR	NU4I	R7LA
JA4ITW	JA1SXR	JA1AUD	K3PH	NX7U	RX6DX
JH1ORA	JA7BXS	JA1FGB	K4WW	PY5CC	S57J
JH3GCN	JG3LGD	JA1NCZ	K5WAF	RW4UU	SM6AOU
K5CD	JI4WAO	JA5FDJ	K6MI	RW9QA	UX7UN
K8SL	JR7TEQ	JE2EHP	K6VKO	RX3AGD	UZ6LWZ
K9FN	K0JPL	JE8TGI	KB4MRX	TG9NX	W2UB
K9GWH	K0TPP	JF2WGN	LZ1PM	UB5ZAL	W3NRJ
KA4RRU	K1KO	K2HAT	N2CG	UT7KF	W4ZYT
KH6DX	K3NF	K7ORK	N3HBX	VU2CPL	W6KK
KI0G	K4UAS	K9AJ	N3IQ	W0VHF	W7ACD
KT1J	K8CC	KM1R	N3JB	W5WP	W9HBH
N7KO	KB2FCV	KZ0X	N4KE	W9FI	WA2ALY
NA3F	KI4DLS	LA0CX	N5BO	WB5TUF	WA4CEM
NG0G	KM1C	N4WJ	NC6K	WC2K	WA8MOA
NI5F	KM3T	N7BD	NY4I	WN0L	WC1M
NK5B	LA8HGA	N9HF	OZ1LCG	XE1FAS	WD9EQU
R7NA	N5ZC	NA1DX	RD9M	YV3AGT	WW1WW
RA4UN	N6MA	UR6QA	SM5BHW		
RZ3AUL	N6PE	UT1UY	SV1VS	108	107
SM5ARL	RU4SU	VE6KC	UA3O	AI2Q	4Z5LA
SP3EPG	SM3DMP	VE7CT	US7MM	AL7R	DJ8ES
SV1FKZ	UA1ACG	VE7UF	W0UY	DL6CNG	DK3FB
SV1JFV	UA1CEI	W3FOX	W3XY	ER1LW	DL2CHN
SV2AVP	UT6UD	W4HOG	W4DC	G3VAO	DL5XU
UN7TW	VE7XF	W4OX	W4NE	HB9BAT	DO4DXA
VE3KI	W1HEO	W5AQ	W5VY	HB9CEX	EA5AT
W2GW	W2CVW	W7VS	W5ZPA	HB9FAN	EA7QW
W6BK	W2SKI	W8KA	WB4TDH	IK0PRG	FG8OJ
W8FAX	W3MR	W8MIL	WL7E	IZ0BTV	G4AKY

G4RGK	IW3GJF	DF8AA	YU1NR	NN3Q	JH1DGQ
HI8R	JA1VLK	DJ3XD		OH2OT	JM2RUV
I5IHE	JA2MNB	DJ6KH	104	RA1QX	K2UVV
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JA5EY	JG3HBO	DL6JZ	AD1C	RZ6DX	K5JUC
JA8JTH	JG5RVQ	DL6XK	AH0U	RZ6LB	K7BTW
JH9DRL	JH2KKW	DO1CTL	CP8HD	SM5CCE	K8CCV
K3SW	JJ0NCC	ES1GO	CX3CE	SM7CQY	K9MUG
K3YBN	JR0EQQ	G3YUV	DK3BK	SO5AS	K9XJ
K5FZ	K0DEW	HA8FW	DL4FAP	UA9FGJ	KE1IU
K5KPE	K1PX	IZ2EWR	DL7UPN	US5CAO	KJ4R
K8LBT	K2CJ	JA1BWA	E73D	UT4EK	KJ7WY
KE2R	K4DSE	JA1TAA	EA8ZS	UT7EC	KM9E
KZ1W	K4SAF	JA6VA	F6AJA	UX4UM	KX2A
N2RR	K5AM	JA7BME	F8GB	UY0MM	LA9GX
N3DAP	K5ZQ	JA8RRF	G3BRD	VE3VHB	LX1DA
N4RF	K8JJC	JA9APM	HB9CIP	W0YBS	N0RU
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N7TY	KQ3F	K1DJ	IK0DWN	W3DRY	N9BBQ
N8AGU	N0JZ	K2XF	JA1SDV	W3TMZ	N9SF
NA5Q	N2CW	K4MS	JA2FGL	W5CWQ	OH3GD
OE1CP	N2WLG	K5AV	JF1EGO	W5GJ	OK1DQT
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OK3CQR	N8AID	K7PO	JK1BSM	W6PH	OK3BRK
R0FA	NA5Z	K9RO	JO1WXO	W7DR	OZ7JZ
RN4AA	NI5M	KI5T	K0MD	WA0I	PA0GMM
RV6ARZ	NS3L	KT2E	K0WK	WA0RVK	R9GM
SP3BQD	OE5CSP	LZ1JZ	K1BG	WA9ETW	RA0FA
SP6AXW	OK1AYU	N4JI	K2BLA	YC0LOW	RA4HT
US5CB	OK2BVG	N4NW	K3FM	YO5ODE	RK3QY
VE3OI	S57AL	N4SC	K4KEW		RU3OW
VK3NX	UR3CRO	N4VN	K4MF	103	SM3CBR
W3KB	UT7UU	N6NU	K4VIG	AG1I	SM6EHY
W4UCK	UU5WW	ON7PQ	K4YJ	AI3Q	SM7BHH
W6TDX	V73AZ	OZ4AAL	K5HK	DJ1MM	UA3PFN
W8VK	VQ9SS	PF7M	K6UM	DJ7PI	US2WU
W9CPV	W1CWU	PJ2/K8ND	K7TJR	DL2HX	UT2AB
WB6CJT	W2EQ	PY2DS	K9EA	DL8YRM	VA2ZO
WB8ART	W2LE	R6YY	KA2BZS	DM5TI	VA3IC
WS1L	W2NO	RA6AF	KH6KG/W5	DS3HWS	VE3EDY
XE2YWH	W3ICM	RD4WM	KI0KB	EA7SG	VE3MFA
YL1XZ	W4IR	SP5JXK	KK9H	EU6MM	VE3VV
ZL3RJ	W5JAY	UA6LCN	KW0A	EW3LB	W0UVC
	W8IW	UR1RWX	LZ2XF	G3BDQ	W1CTN
106	W8OP	UR2RGN	N2SQW	G4AAW	W4AVY
AA4FL	WA4MYO	VE1PZ	N3ER	G4PUQ	W4MZ
AE2U	WA6TLA	VR2MY	N3TR	G4VGO	W5THT
DJ6OZ	WC6DX	VY2ZM	N4TTE	I0OSI	W5VU
DL1QQ	YL2GN	W1LY	N6PF	IK2ANI	W6SZN
DL2NOM	YU3EF	W4OWY	N8MZ	IZ0CKJ	WB8BZK
DL3JSW		W5KI	N9DR	JA2GQO	YO7APA
EA3CCN	105	W6FF	NJ9C	JA2OLJ	
HA8DZ	DF2PI	WQ5W	NK7C	JA8EJO	

102	PY2DO	JH3HGH	SP7JLH	FM5GU	N4CRI
A6/RV6LNA	R2AB	JH3PRR	SV1PL	G0VXE	N4ZR
CT4BD	R3IS	JI3KDH	UA0FDX	G3OIL	N7DED
DK3QM	RU3UN	JO4CFV	UG6GAW	G4CGG	N7TK
DL3DXX	SM6WET	K0LW	UR7CQ	GM3ZSP	N8IL
DL3NCR	SP5MXZ	K1YR	UT1CC	I2VGW	N8NB
DL4CW	T77V	K2BX	UT4IS	IK0HFO	N9ADG
DL4KUG	UA1AIR	K3SEW	UT7HA	IK4MSV	NA6O
DL5RDI	UA1CKC	K6AAW	VE2OJ	IS0/YO3RA	NA9Q
EI4DQ	UA6HOF	K6XJ	VE3XB	IW0BYL	NB3R
ES5RW	UA9MR	K7AR	VK2GR	JA1BRK	NG7A
F6BWO	UA9UCO	K7IA	W0QC	JA1CPU	NJ3I
FM5WD	UW7CN	K8BN	W1AW	JA4FSH	NN4SS
HB9AHL	VE2FYR	K8ZR	W1FC	JA5DQH	NU1T
I8LWL	W1MRH	K9JU	W1GF	JA9CGW	OE5JDL
IT9SFT	W1PV	K9PG	W2SF	K0FLY	OK1DXD
IZ4MJP	W2LW	KC4PX	W3WH	K0XM	OK2PAZ
JA0HXV	W2TX	KD3UY	W4BUE	K1NA	ON4ANN
JA4EVN	W3EKT	KE1VT	W4PM	K1NZ	ON7EH
JA6OXT	W4ALF	KE4S	W7AV	K2CBI	ON7GB
JA7EPO	W5TO	KF7NN	W7CB	K2CYE	ON9CC
JA8OW	W7IUV	KN6J	W8GB	K3TZV	OZ1ZD
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K0YN	WS4Y	LZ1XZ	WA3EKL	K4UQC	R3PJJ
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K2LP	101	N5AQ	WK9U	K8CR	RA4LW
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K3KG	AA3LX	N8AG	WW5G	K8LE	RC2A
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KB9DAK	DL3ANK	OK1PGF	AA4AK	KP4N	UA3AKI
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KN4KL	DM3ML	OK3EY	AC4VM	KS4XQ	UA6CEY
KW4BY	EA1WX	OK4MM	AG4Q	LA6UL	UN6P
KY6R	EU1TT	ON4LG	AI2S	LA8W	UR4CW
LA3ANA	G3ZFC	OZ5HP	DJ6OI	LU5OM	UR4LRG
N5RZ	G4FJK	PA4WM	DL1TPY	LU5YF	UR8IDX
NZ3M	GM3WTA	RA3AH	DL1TRK	LZ3YY	US8UW
OH2EA	HB9NL	RA4P	DL9GTB	MM0SJH	VE1RGB
OH4UI	IV3GOW	RA4SD	DU7ET	N0AH	VE3OAT
OK1DTN	IV3KCB	RB7GG	EA2AAZ	N1KI	VE7JKZ
OK1JDX	JA1VVX	RK9F	EA3ALD	N1MD	VP2VA
OK3CSQ	JA2VMU	RY6M	EA8AXT	N2DPF	VR2PX
ON5UE	JA6TMU	S59DJK	EC5A	N2SG	W0GYH
PA7TWO	JA7SFD	SM2DMU	EI9E	N2XQM	W0MU
PV8ABC	JF1RPZ	SM7NDX	ES5NC	N3AF	W1AN

W1YRC
W2CCC
W3BBO
W4HHN
W4OV
W5BK
W7DT
W8CNL
W8FN
W8GDQ
WB4SON
WU2M
YB1TJ
YL2SM
YO9FLD
ZP9MCE
ZS2DL