

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 19 May 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	325 K9UWA UA2FF	315 IK4WMA K5RK N1DG OH3SR S50U W1JR	309 W5IZ	YU1FW
341 EA8AK	324 K2TQC K4PI OH2BO S50A W1NG	314 IK4GME NX4D OK3GU OZ1LO PE5T RW2A UA4CR	308 I4EWH IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF GM3YTS
340 K1ZM	323 EY8MM SP5EWY	313 GM3POI OE3GCU OG2M OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK SV8JE
339 W4DR W4ZV	322 UX0UN W3UR	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD JA4LXY PA3FQA SM3EVR VA3EF
335 OH2BU	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS NN4T UA6A	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
334 N4WW	320 K8MFO SM4HCM W8UVZ	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	304 CT1EEB DJ0MDR SM3GSK	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ SM5CEU
333 R7LV	319 N0XA SM4CAN			
332 UR0MC	318 4X4DK UT5UGR W9ZR			
331 K5UR LZ2DF	317 W3LPL			
330 AA1K HA0DU OH1XX UT7QF	316 W2VO			
329 K3UL UA4HBW			303 F5LGE GM0GAV JA1BK JA4LKB K1UO RU3DX	
328 R4GM UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT SM6CTQ UY5ZZ W0BV W2YC	VE2TZT	268 DL5DSM G3WPH RA3XDX SP9JZU W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP NJ6P S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA SV8CS	287 CT1APE DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB SP6HEQ YO3APJ	274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT NR1R R3LA W8TE W8XD
294 DL1AMQ JH2FXK LA5HE RJ3AA WD5COV	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA4V AA6YQ AA7A K4XP RW0LT SV8BHN YO5BRZ
293 N0TB S58T	285 G4CCZ HB9BGV UR5WA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM	272 9A2EU CT1EKY DL1DUL DL2OE OH1LEU SP6CIK	264 IK2YCW K7ZV W1GL
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	271 EU7A G4GED OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP
291 9A7V IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	276 DK5WL G3LZQ N8RR N9IW OK1AWZ	270 AA1V JA5AUC OE5KE	262 EI7BA G0DQS IK5HHA KR9U W1YY
290 UA3AKO			269 K6ND KD5M LA3MHA RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S

SP5DIR	S58Q	246	JA5MHD	OK1CF
260	UA1OMS	DJ2TI	K0JUH	R7DX
EA5BM	W0YG	F2JD	K1FZ	VE3XN
K1LT	252	JF8QNF	K1ZG	WA7NS
K4DY	EA1DR	N6TR	K9OT	234
259	IV3YYK	TF4M	KA9CFD	AJ6T
DF4PL	JA2VPO	W2TQC	LA2XPA	IZ8FFA
F6GCP	JF2MBF	W5XZ	UR5MID	JA0FSB
G3ZSS	JG3QZN	245	VO1NA	K1AR
I1FQH	JQ3DUE	DL4CF	239	K4UTE
R9FM	ON4AOI	JA1GV	JR3GWZ	KF0QR
258	PA4VHF	K2FF	K0KT	NV9L
KW9A	R5DT	N9US	K1HTV	PY1BVY
N2NL	S52F	RL9F	KH6AT	S51DI
N5KD	W3UM	RY7G	LY3UM	233
RN3CT	251	W9XY	RN3QN	K0CS
VE3QAA	DJ7RD	244	RU3QR	K2UU
257	DL9RT	AG9S	SV1ELF	KA7T
K1GUN	I1EIS	DK6WL	SV1RK	SK3PY
N8TR	JH0BBE	F6BLP	SV8CKM	UA4HAU
W9YSX	K9NW	IK0XBX	238	VA2WA
256	N4II	JA1HGY	DL8WN	W1TC
9A5CY	PY2RO	JA7QVI	EA6ET	W7AO
JA5BZL	W5UN	ON4IQ	IK0XEZ	232
JH1GZE	W7LR	243	JA0DAI	DJ5FI
K1QX	250	DK2JX	K1DG	JA8EAT
K5VRX	HB9RG	DK3DG	RA0FF	JG1ULJ
K8FL	NQ1K	IK0MHR	VO1HP	JH1HGC
PA7MM	OZ8BZ	ON4ATW	W3LL	K2AZ
W1TSP	249	S57A	237	K4XL
W3DF	AB3CV	W9RPM	DL7MAE	NI6T
255	AI9L	WX4G	NI0G	UA3AP
IV3ODE	JR3IIR	242	OM4EX	231
K4QL	SP5DRH	EA4KD	UR5EDX	4X4NJ
KY7M	248	KG7H	236	HA9RE
N2MF	K3WW	241	AB4I	IK0YUT
R5AJ	K5RX	JA0CRI	AC4G	N6AR
UX0FF	K9RX	JA1SYY	K1JO	N7NG
VK4MA	SM3VAC	JA3EMU	K9NR	ON4ACG
W3KX	SV8GFW	K5ZK	K9ZO	W9IXX
W5OZI	T77C	N4XM	KC7V	230
254	UT9FJ	N5TY*	OK2ZI	DF6PB
N0AT	W9NGA	N7RT	OZ4O	FK8CP
OM3DX	247	OE2LCM	SP8AJK	JA1CMD
WA4FFW	K0IEA	OK1DWJ	YO9HP	KD0Q
253	K6XT	SP5GRM	235	N8JV
5B4AGN	NN4X	UA3TT	CX6VM	SM3NXS
AA1QD	NO2R	VE1YX	EA6VQ	W4GF
K5ESW	NO7A	VE3NH	JH4ADV	W4VQ
	R7IA	240	K3SWZ	WA7NB
	WB3AVN	G8VR	K5EK	
			N6DX	

229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	SP8NR VA5DX W7KW	219 IK3VUU JA2FBY JA2FJP JF3KON LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	IZ8VYU JA2JW K4NA OK1DX RN7G W4NL	209 DL5CF DL9MRF EA1RT EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT
228 AF9H AI0O E72A EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ	224 DL5WW IZ1LBG MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO KV7K UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA LA7JO NA2M* RU4SO W0LYI W1FJ W2WG W3YY	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W9BF WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF WS9V	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS
226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ K3SV K6EID K8ZTT N5AW N8PR N9BX SM0CCM	216 JA6LCJ JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA RU3SD UR5FEO WA5VGI	206 IK0IOL JA3PIS K2VV K5AQ K5MC K8AC KG9N N8DJX PY2XB SM6BZV US0KW VE3BW
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK	221 JA2WYN K4MWB K8FH K8SIX N6VR W1ZK W6JRY WS6X	215 AD5A K3JGJ N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW KA9FOX LA7HJA
	220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR KA1R N1LN N5JR VE3EXY	214 DL7BA HL3IUA		

W8UN	201	RZ6FA	N5LZ	188
WB8ZRL	CU2DX	UA0SC	N9EN	AA1ON
204	DL1EJA	UT5EL	PA0LOU	AB4IQ
DJ5AV	JF1PUW	W0FS	RN1ON	CT1FMX
EA5KA	JO7WXN	196	SM7GIB	JA1KQX
F4BKV	K3HP	4Z4DX	UA0CA	K0BBC
IK7NXM	N4QS	AA4HP	W9MU	KB0EO
JA9NFO	W5TCX	IK4PLW	WA2VYA	KB1EFS
K3LR	200	IZ8FWN	192	KE9ET
K4JJW	AG4W	JA3RAR	9A2NA	KL0S
KK4SI	G0OIL	JA4PXC	CT1IUA	N8LJ
LX2A	JA1GTF	K8PO	JA7JWF	RM0F
N4NX	JH2RMU	KP2A	JH1RFR	W6SR
N7FU	K1GE	ND0N	K3FN	W8JV
UA0SR	K1GG	RA9CMO	K4FJ	WA3C
US6EX	K9US	RZ4FO	K5XX	WA6YEE
W2HUV	K9YY	W2FCR	K7GM	187
WD8PKF	LA5YJ	W4UM	K9EU	AJ1H
WF4U	RW4NN	195	KF7PG	K0SR
WI8A	RW7M	EA3JL	N4DB	K6SRZ
203	UY0ZG	EA5RM	OH2IS	KN5O
JA2XYO	W0DD	G3ZEM	W3UA	N2NS
JE1PNX	W0MHK	JA1EOD	W3YQ	OK1CZ
K4XO	W1NT	JH1QAX	W8LGJ	SM0NJO
K9MMS	W2IRT	JN7FAH	191	W7AWA
KK2I	W3GG	K7SO	JA1ANR	186
OH1TV	199	K9RT	K0JGH	9A8A
PA0A	DK2LO	KF8UN	K8FC	IK2QPR
R6AF	G0BNR	N1SV	K9LA	JA8DNV
W7DO	HB9DDO	NK1K	RK2FWA	K0BJ
W8GC	JA2DPC	W5ZG	190	K3PA
202	K6GXO	W9OP	IZ8XQC	K7LAY
AA5AM	N4DW	194	JA1DUH	YL2TW
DL1MGB	W1TO	K4KDX	JA1MCU	185
DL2KQ	YO2DFA	K9JF	K2TE	AB6QM
DL9DRA	198	KB9LIE	K9KU	CT1EAV
JA2JNA	DL1ROJ	KC9ARR	KM1D	EA6BF
JA3CSZ	G3UJE	LA7AFA	N4XU	G3KWK
JA5AQC	G4BUE	W2LO	N5GH	IK3SWB
JH3VNC	IT9JNR	W4FC	NE1B	JA2LCP
JI2KXK	KB8VAO	W9OO	SP2LNW	K5ZD
K2NV	RX3APM	WD8JJA	VE7VV	LA3WAA
LY1G	W8HB	WN6W	WE9R	N4TJ
N5ZM	197	193	XE2X	N5UR
N7KA	G3SNN	DF2GH	189	OE2BZL
OK1DOT	I5KKW	DK1FW	9A2F	SP3FAR
R9TO	IK0FVC	DL5ZB	EA8PP	SV1DPI
RA3S	JE1BMJ	DL6ZXG	FM5CD	UA9CBO
SM2OAN	JH2UVL	EA3WD	JA0VSH	184
UA9FAR	K8NVR	HA5BSW	SP7HOV	HA5WA
WA2HZO	OE4PWW	JA0EOK	UA7T	I2AOX
ZL3IX	OE5FIN	JA1XEC		JA2ZL
	ON4CD	K4ODL		JF1NZW

K4HGX	IW0SAF	JS3CTQ	KJ0M	JF2UPM
K5KLA	JR7BDQ	K4DLI	W3JX	K5QY
KB4ET	K8WK	K5GKC	W4FQT	K8RYU
S57AC	N2PK	N7IR	WC4X	KR4F
US8UA	OK1MG	N7XR		N4QQ
W2YJ	S57UN	PE1L	171	N8BJQ
183	SM4DDE	SP1MGM	AA9D	PA7F
CT3MD	SV3FUP	TF3SG	DL6KR	SP5GH
IT9INO	W8KEN	VE3FF	G0EHO	W4SVO
K4CN	178	WX0V	HA9PP	W6VX
K8VC	4Z5CX	174	JA6HUG	W8OI
N9MB	EA3CJ	4Z5MU	JR1TNE	WA0MHJ
NN2L	JA4MRL	JA0GJJ	K1NU	WA5YNB
ON6SAS	K2UR	JA1PPW	LA5LJA	167
W2FP	LA0FA	JA2XW	N0RN	DK5AD
W8NW	NE0U	JA7MOL	N4OGW	EC3A
182	SM7DLK	JF7DZA	N7RO	E16FR
DJ9ON	SV1JG	JK1OPL	N9RC	JA6VQA
DK3UA	W6NWS	JR6PGB	RA3DNC	K4XD
HK3W	W7MEM	K0TT	SV1LK	K6KO
JA1SHE	ZS1LS	K1KI	UN9L	K8NK
K8RRT	177	K2KA	170	K9MBQ
UR3EO	9H1SP	K3AJ	DJ6TK	N0IJ
W1YM	AE5E	K4TR	JA6JPS	N3BNA
181	CT1GFK	K4WS	JE3ENP	PA3C
DK3WW	IK4ADE	N1EN	JF1WPB	RA1AOB
JA3ENN	K3WC	OE1WHC	JM1GYQ	RN9N
JN4MMO	K4RG	RN7F	K6ZZ	S51EC
K2EP	K9NU	UA3LNM	KI5BLU	VE6WQ
LZ2ZG	SM6DHU	W8UV	N4PY	W1YW
N3OC	W2OR	W8VVG	SP3GTS	WA4LOX
VE3OSZ	W5LT	WT8C	SV3KH	WC5N
W9AJ	W7FI	173	W3IP	166
180	WB7B	5B4ALJ	W9EVI	4Z1UF
DM2DXA	176	I1JQJ	WA3AFS	DJ4SO
DM3VL	EU1AB	JA9TWN	WP4U	HB9FMN
EA8JF	I6FLD	K1NTR	169	IV3TDM
JA2BDR	JA0DET	K4XR	IK0PEA	JA1FNA
JE2URF	JA5IU	K9YC	JA1ADT	JA9LJS
K6SSS	JA6BJV	KA1J	JE2LPC	K1KA
K7BG	JA8KSF	N5FG	JR1IZM	K3KY
LA9AJA	JL1SAM	PY5EW	K1LI	K4JLD
N1RR	K8MN	W8HC	N4XX	K4PB
N4AH	N5OK	172	N7US	K4ZYU
ON5FP	OK1DWC	EA7TV	UT8MM	OH2BLD
UT2UB	RL3FA	G0BLB	UY5AA	RM3DA
W1RM	SM5FUG	G3NKC	W6RW	W0DJC
W7BEM	W4BP	IZ5MOQ	W7Yaq	W1RR
W8TN	W4GD	JA3FGJ	WA9PIE	W8ILC
179	YO7NE	JG0CQK	WB3JFS	WA8TXT
CT1FPQ	175	JG3IWL	168	165
IT9ELD	JA1CHN	K0DEQ	G3MXJ	DL7UCX
	JA9NLE	K1BD	IK2EGL	F6HDH
		K6FG	JE7JDL	I2ZGC

IK0AGU	HB9TKS	RU6M	154	EI9JF
JE7RJS	JA1DOF	SM4EMO	3V8SF	F3SG
JH7CFX	JH4ALY	W0SZ	GM3PPE	HB9SLO
K5JZ	JH4CPC	W1OX	HB9BUN	IZ3ENH
KK4CB	K1USA	W2XL	JA8NFV	JA2VQF
N4HB	K5GO	W3GQ	JR3OEH	JA6BEE
N9FN	K8ND	W4QN	K0KVR	JH1NYM
NY0V	LB2TB		NX8Y	JR1XIS
RC9F	N4GN	157	W1NA	K2AX
SM4CTT	OH6RA	AA4H	W2XI	K2FW
SP6EQZ	VK3HJ	AC6DD	W5DNT	N5JB
W5BN	YU2TW	DL6MRS	WB0TEV	OK1ATP
		EA5BY	WS7L	RD3A
164	160	G3TQZ	YS1RR	RU3A
GU4YOX	AD5Q	G4GIR		S54A
HA7UW	DK1WB	JA1GHH	153	SP7AWG
HB9BZA	DL1DA	JE2DZC	AA6AA	SV9AHZ
JA1RTX	IK0FUX	JH2QMT	AJ9C	W7RH
JA7ZP	IW2FND	JH7IAJ	DL3ZA	WA1Z
JH2SON	IZ4DPV	LY5A	G3TJW	WA2BCK
K1NJ	JA2EPW	N5MOA	HL2CFY	WP4G
N5WA	JE2OVG	NE9Z	JF1IRW	
RA3ZH	JF2XGF	RU4UR	JR9OPJ	150
RN3OG	JR7MAZ	SM3PHM	K7SP	EA1AF
SV2AEL	K3MSB	SV8ZS	K8VFX	IV3RAV
W4DKS	NR4M	W2TA	KR2Q	JA2NQG
W4NS*	RU6L	W5GZ	N4TV	K0RS
	UA0FZ	YV2IF	N5TW	K5TR
163	UX5UO		N8II	K7LV
9A2JK	W1BR	156	R9OK	K8AJS
DJ9HX	W5XC	AB9V	SM6CLU	KD0PO
JE2LUN	W9RN	DL4MM	SP5CCC	KU4XO
K7NN	WX0B	IZ8IEV	UT5UY	N3QE
K8TL		JO7HAM	WB8BPU	N9CO
UR4CWQ	159	K0QC		OE8SPW
VE3CFK	JA4FKX	K8YSE	152	SQ5EBM
W7AL	JH6QFJ	KS1J	EW2A	SV1CNS
WW3S	K4RO	N3RC	HB0CC	UA6YW
	OK2ZV	N3UA	JT1CO	W6DAO
162	UN7JX	N7WS	KQ4AV	W7CT
4O3A	W3HKK	OE5RLM	KS3F	WW2DX
9A4W	W6BJH	UA3SAQ	N9OY	
F3AT	W7SX	VA3LX	S55ZZ	149
JA6GIJ	WD5BJT	W1YIF	UA6IGI	DL7CX
JR5JAQ		W4TV	UN7LZ	HB9HFN
LB6KC	158		UT5AB	IK4FNF
N8MR	DJ4PT	155	VE6LB	JA1SVP
RW3RN	DL1FKA	DL1RK	W1SKU	JL1ARF
W0HT	IT9DSZ	DL4SZB	W1VT	K3RA
W0TT	JA9APS	JE3GRQ	W6RLL	K3TN
W1LW	JH1TWT	K2LS	W7AJ	K4YYL
W8WEJ	JI1FXS	K4WA	WB3CQM	K8ME
	JI1NJC	NE0DX		K8ROX
161	JR1GJP	NW7E	151	K9MK
DK2GZ	K5TT	SM6VR	AA7G	R8TX
DL6RAI	K9GA	WE1P	CU2AP	SM6CUK
HB9DHK	OZ1HX	ZS6EZ	DK2OY	UW7UA

W0GG	JK1AJX	WD9DZV	W0SEI	GM3YOR
W2/CT1GIF	JN1BMX		W4NU	IZ0RVI
W7HPW	K1OA	142	W7IV	IZ2FOS
WB8B	K3VAT	I5HOR	W8GNM	JA3APU
WD5K	K4OY	IT9BLB	W8LWU	JA4OK
WS5W	K8BL	JR7WFC	WO2T	JH4JNG
YO3DDZ	KF6HI	K3PP	YL2MU	K2QMF
	N1CGP	K4WZ	YO9FNP	K6EME
148	N4GG	KK1W		K8NS
CT1FCX	N5XZ	LA9VFA	139	LA9GX
DK2CC	NA5C	MM0SAJ	DF7EE	RA3CO
F5CQ	RT0F	N7QT	DJ4XA	RG7G
F5LVL	SM3DTR	NA4D	DL5EBE	UU1JA
JH1QDB		NQ7R	DL8OH	W1ITU
K5VWW	144	NY2NY	JA1TMG	W5ODD
LA6OP	CU3EQ	OK1DO	JH0BQX	WB5JID
N2WB	DL5CW	W2OO	J11DCW	
NE3F	DL5KUA	W5LUA	K3ANS	136
W5FKX	E70T	W5VQ	K6AM	E72U
W9JJB	E16IZ	WA5POK	K8GI	ER0FEO
	GM3ITN	WB8CQV	K8RF	HB9IQB
147	HB9BYQ		KA8SYV	HB9RYZ
EA3GP	I5MXX	141	KU0A	IK8CNT
F5PAC	IT9GSF	AC9S	LA8WG	JH4HMG
IV3VBM	IV3DXW	DL5MHQ	OK1MP*	K0TV
JA1XQC	IZ4GWE	EW1BA	OK2QA	K4ZO
K7HP	JA3GN	HB9FMT	SM5CBM	K7TM
K8UT	JE1FQV	JA1PTJ	SV8ZC	KR6C
KM1H	K0VSH	JA2ATE	W0SD	N2ZN
N1IBM	N1IX	JA9RRH	WA8WV	OK1DW
PC3T	N3KK	JH1HHC		SM5OJH
W1OP	SM4OLL	JL1UXH	138	SP2BMX
W2KKZ	SM5CLE	K2RW	DK8MCT	UT3UZ
	W4GE	N8OC	DK8YY	UW8SM
146	W5ADD	NJ3K	EI9FBB	W2OIB
EU4A	W7ZI	OE6VIE	F6DDR	WB7QXU
G4FTC	W8RLS	SV3FUO	IK8EPC	
JA1HQG	WC5M	W2CG	JA3OOK	135
JA4DHN	WD5T	W3BW	JF3LOP	5B4MF
JA5XAE	YO3CD	W4JVN	JH7RXU	DJ9ZB
JH1GNU		W4VIC	K1RO	F6FXU
K1CA	143	W4WT	K2RET	IK8GYS
K5KV	DL1DUO	W8HW	KJ6P	IU0HDC
K5SM	DL6EN	ZS1C	LB5WB	JA7LMZ
K6NR	HS0ZEE		ON6AA	JA8BNP
K7WP	K7CMZ	140	OZ8X	JA8JL
N7BT	K7CW	9A1CAL	RW4CY	K1ZE
RU0SN	KJ9C	DF2RG	UN7JID	K4ZRJ
W1IZL	N2RJ	JR2LJO	V51B	K7FL
W1ZT	N2WM	K5WK	W1GD	K7XB
	N5UW	K6KLY	W2YE	NZ9R
145	N6PAT	KF8DX	W4YV	OH1JP
AF4HX	N6PSE	N4XP	W7OM	R7LP
HI3T	NN4R	OH6NIO		RN3RQ
I0JBL	W0IZ	ON7DR	137	SM3LGO
JE6TSP	W6QUV	UN1L	DS1JFY	SM5CZK
JJ3HGJ	WB8ZRV	VE6SV	EA1YO	SP3XR

W1DIG	JR6FC	K8BCK	W4IS	WD4LBR
W1EQ	K6YUI	K9GL	W6RKC	XE1KK
W2GD	K9ZM	NA4EA	ZS1A	YU1EXY
W4BUW	N6HY	NO9E	ZS6UT	
W4MBD	ON4CAS	OZ2ABI		125
W4RFZ	OZ2RH	R3VA	127	9A1AD
W6JTI	SM4BZH	R5QA	CT3KN	AG1A
WE4S	SM6BGG	R9AB	HK1MW	GW3TMP
	SP6M	RU1AO	JA1DDH	HK4SAN
134	VE3CRG	SP6JIU	JA1WLO	IK5DNF
CT3HF	W4AXL	TA1CM	JA8RJE	JA4IYL
IK4DCS	W4RBO	VE3DO	JA9KRO	JA6VU
JA7LGE	W4WM	W2MPK	JH3AIU	JE1TSD
K1TO	W5SL	W9ZT	JS2LHI	JE6UWU
K3OX	W6DR		K0RW	JF2WXS
KX4TT	W7AH	129	K3TRM	JH4ADK
N9MR*	W7CD	HA1RB	KM3T	JL1RUC
N9RS	W9FR	HB9AZZ	KM4NS	K1HAP
NA5DX	WB3D	JA1NWD	N1AC	K5KG
OE1TKW	XE2S	JA8JO	N1GC	K8DV
PY5HOT		J14POR	OE8HIK	KA6BIM
RG6G	131	K3NK	S51NM	KI4WCQ
RX4HW	DK7YY	K4TT	SK7AX	LZ1XL
SM0BYD	G3UHU	K6XM	SP6A	N2KA
UA0ACG	HS1NGR	N0YY	SP7ASZ	N3EN
W4JKC	IV3KFB	N3KS	W0CP	N4JT
YU1AM	JA0A00	N3RR	W0RT	N9RD
	JA2TBS	PY5EG	W1OPD	ND5S
133	JJ1TEA	W0YVA	W3BG	NW6S
9K2NO	JM1FHL	W7QHE	W3MF	OE1AZS
EU1U	K1UU	W8MET		OE3SGU
HB9CQK	K5VIP		126	RA0BA
IZ8DFO	KC2LSD	128	DJ8WD	UU7JM
JA7GLB	KH2L	AA4SC	DL9FCY	VE3UTT
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JR7FRW	KM4H	IT9ZZO	G4IUF	W8LMG
K1ZN	N3MK	JA2AHH	IZ7EVZ	W9CG*
K2CDJ	N4QWZ	JA2KSP	JA1XCZ	YO2RR
KS4YT	N5PHT	JA9AA	JA7KY	
KU2A	N6RK	JE1LFX	JH3CUL	124
OE1KM	ON4ON	JH4GJR	JJ1DWT	AA7XT
RA5BM	R0SR	K0FF	JN1RQV	IK3VBB
RV4LC	R9MJ	K3XA	K2ZD	J11DHY
SV5DKL	R9SA	K4JAF	K4JKB	KD4POJ
UQ2PZ	W8DCH	K4SE	K4XU	NA2U
VE3WT		K6LPO	LB7ZG	PA0TCA
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W5AJ	E73M	OH1ZK	PA3EWP	VE1DUN
	E12JD	OZ1IKY	PA5TT	W2JU
132	G7VJR	R9SG	VE3CX	W2RIJ
AA4NC	HK0HEU	S53X	VE7BV	W3FM
AB9M	JA2FBC	S55DX	W8MK	W6CYX
AD6W	JG1DUZ	SM3GQP	W8REW	
IT9RDG	K2MYR	SV3DCX	W9ILY	123
JA2KVD	K6SIK	VQ9LA	WB0O	AB1OC
JA6CBG	K7LFY	W2WC	WB2REM	AC4TO

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F4GTB		PZ5RA	K3WGR	W6SL
G4WFO	121	RL3BZ	K4CNW	W8ZR
G5LP	AA6RR	SP7ITB	K7PI	WA2USA
HB0WR	DF1DB	SV1IW	K8LN	WC2K
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IK3XJP	DK6CQ	UR9QQ	K9DR	116
JA0CRG	HB9DHG	US0YA	KD2T	AA8CH
JA1SJV	IK2SGB	W2YR	KD6UO	AJ4F
JA3MHA	JA2HYD	W3OA	KG8CW	DL7URH
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JK1EXO	KD8RQE	W6RFL	LZ2HM	HA7PF
JR1EBE	KG9Z	W7RN	N2MM	IK0EIE
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K3XO	N1JP	ZL4AS	PY2PA	IT9TQH
K4ZIN	N3ND		RN3TT	IV3HYD
K5GH	N6HC	119	SV9COL	JA1WTI
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K9CS	UQ1GWW	AA4DD	VK4CAG	K1RI
KV4T	UT4EO	AE3T	W1KSZ	K9FN
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N4DWK	VA3AYA	DK3GG	W4NJ	KV1J
N6MZ	W0QQ	EW4M	W5JMW	NA9Q
N9JV	W2GG	G4DJJ	W9FI	PA0JSE
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NA2P	W6XI	HB9BCI		TZ4AM
NA9RB	W9XX	I2TZK	117	UA4PCM
S50B	W9YE	I4MKN	9Y4VU	W1ENE
UA3DK	WA1PMA	IU0LFQ	AE0P	W1WEF
UT3QU	WY1G	JA3AZD	BH4IGO	W7GG
W1AO	XE1VIC	JA4XGC	DL1DWT	W7OEV
W4NF		JE2JMV	IT9AAI	W8LRO
W8NJR	120	JH6CDI	IT9DAA	WP3R
WB8K	9A5F	K5UZ	JA1HQT	WQ5L
WV4TN	AC9EM	K7EG	JA4FM	
XE1H	AL7TC	K8KWT	JA7GYP	115
	DL2VWR	K9SG	JA7IC	AA5JF
122	EI2GLB	N0KV	JM3GXU	C6AGU
BA4RF	FG5FR	N8PW	JR2UBS	CU2CE
G3NDC	HB9BLQ	N9UA	K1BZ	DL9GOA
JA1MRM	IZ0LKV	NT2A	K2BB	G4XEE
JH1AGU	IZ5NFD	NY7T	K6PJ	G8BCG
K1ESE	JR3UIC	OH5NG	K8OOK	G8DX
K1YT	JR6LLN	OK1DT	K8QM	HA5UK
K2MP	K2BA	R6FFB	N2BJ	HK3PJ
K7ZA	K2HK	SV1ACK	N4IR	IZ7JVR
KR0P	K3QIA	W0RX	N6MB	JA2KNW
LA7WCA	K5JC	W4HZ	N8AA	JA3NHL
LA8PT	K6FW	W8FIB	N8XI	JA5FDJ
N9AW	KA8ZPE	XE1RCS	NY4G	JG3LGD
NN7X	N3NR		SM7BIC	JH1RFM
OZ3Y	N4BAF	118	SP8HKT	K0GD
RD4A	N4LR	5T5PA	UA6J	K0SD
UU4JMG	N4TB	AB2E	UB3A	K4CMS
VE6AX	N4TL	DL5OCE	UR9IDX	K4GHS
W2TB	N4UFP	JA4FHE	US1CT	K4GK
WA3I	OE3EVA	J18DGO	VE3YF	K5XM

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KO8SCA	DJ9RR	G3XGC	JA1AUD	K3PH
LY4T	DL8CM	HB9CEX	JA1FGB	K4WW
N0IRM	DL8DYL	HB9CRV	JA1NCZ	K6MI
N4OA	G4AFJ	HB9G	JE2EHP	K6VKO
N5BO	HB9EFK	IK2ANI	JE8TGI	KB4MRX
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UA6XT	K0TPP	JR7TEQ	KZ0X	N3JB
UN6T	K2HAT	K0JPL	LA0CX	N4KE
W4UCK	K8SL	K1EDG	N4WJ	NC6K
YL2CZ	K9GWH	K1KO	N7BD	NK7C
	KA4RRU	K4UAS	N9HF	NY4I
	KH6DX	K8CC	NA1DX	OZ1LCG
114	KI0G	KB2FCV	UR6QA	RD9M
BA4DW	KT1J	KI4DLS	UT1UY	SM5BHW
BA7IO	N7KO	KM1C	VE6KC	SP9WZS
CT3FN	N9ISN	LA8HGA	VE7CT	SV1VS
CU3AK	NA3F	N5ZC	VE7UF	UA3O
DL6NB	NG0G	N6MA	W0VHF	US7MM
F6CWA	NI5F	N6PE	W1FO	W0UY
G3SDL	NK5B	RU4SU	W3FOX	W3XY
HP3TA	ON5UE	SM3DMP	W4HOG	W4DC
I5OYY	R7NA	UA1ACG	W4OX	W4NE
IK7YZG	RA4UN	UA1CEI	W5AQ	W5ZPA
IW0HEX	RZ3AUL	UT6UD	W7VS	W6KK
JA4KDT	SM5ARL	VE7XF	W8KA	WL7E
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K3MD	UN7TW	W3UL	WB4TDH	109
K3NF	VE3KI	W4VHF	WB9EEE	DF1KG
K3OSX	W2GW	W5VX	YL3DQ	EA3GHZ
K5CD	W6BK	W6TC	YO6HOY	EU4T
K5RJ	W8FAX	W8GEX		F8EZE
KB8U	W9DX	W8HMK	110	G3SVD
KZ4V	W9HBH	W9SE	BA4MY	J68HZ
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N2JJ	WA4DOU	WT9U	DL1VDL	K2ONP
N3MN	WB2HJV	ZP6CW	EA5BYP	K4RDU
N4IQ	WB2UFF		F5BAR	K5FZ
NU8Z	WS4C	111	G3LNS	K5KA
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WA9YYY	DJ1RL	DL1HRN	JA7EPO	N7TY
WN9O	DK5RL	EV1R	JE2UFF	N8NN
XE3ARV	DL5CL	F6ECI	JH1VHU	ND4V
	EA1JO	G3PLP	K1EO	NN4RR
113	EI8IU	G4DBN	K2BLA	NU4I
9A1A				

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RW4UU	WB8BZK	XE2YWH	W2NO	SP5JXK
RW9QA	WC1M	YL1XZ	W3ICM	UA6LCN
RX3AGD	WC6DX	ZL3RJ	W4IR	UR1RWX
TG9NX	WD9EQU		W5JAY	UR2RGN
UB5ZAL	WW1WW	106	W8OP	VE1PZ
UT7KF		AA4FL	WA4MYO	VR2MY
VU2CPL	107	AE2U	WA6TLA	VY2ZM
W5WP	4Z5LA	DJ6OZ	YL2GN	W1LE
WB5TUF	DJ8ES	DL1QQ	YU3EF	W1LY
WN0L	DK3FB	DL2NOM		W4OWY
YV3AGT	DL2CHN	DL3JSW	105	W5KI
	DL5XU	DL6JZ	DF2PI	W6FF
108	DO4DXA	EA3CCN	DF8AA	WQ5W
AI2Q	EA5AT	HA8DZ	DJ3XD	YU1NR
AL7R	EA7QW	IK0ZIO	DJ6KH	
DL6CNG	FG8OJ	IW3GJF	DL4ZAB	104
ER1LW	G4AKY	JA1VLK	DL6XK	9K2OD
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IK0PRG	IT9XTP	JG5RVQ	HA8FW	AH0U
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IZ2EWR	JA8JTH	JH6PFY	JA1TAA	CX3CE
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KM8AM	N6EE	KQ3F	K7OX	JA1SDV
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LU2DKT	NA5Q	N2CW	K9RO	JF1EGO
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NU4Y	R0FA	NA5Z	LZ1JZ	K0WK
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RX6DX	SP6AXW	OH2OT	N4PL	K4MF
S57J	US5CB	OK1AYU	N4SC	K4VIG
SM6AOU	VE3OI	OK2BVG	N4VN	K5HK
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UZ6LWZ	W3KB	UR3CRO	ON7PQ	K7TJR
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N3TR	I0OSI	102	UA1CKC	K3SEW
N4GU	JA2GQO	A6/RV6LNA	UA6HOF	K4NNX
N4TTE	JA2OLJ	CT4BD	UA9MR	K5DNL
N6PF	JA3FHL	DK3QM	UA9UCO	K6AAW
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NN3Q	K5JUC	EI4DQ	W2TX	KC4PX
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	UA3PFN	LA3ANA	G4FJK	RA4P
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AA4AK	KC5LT	UN6P	
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AC4VM	KD9HL	UR4LRG	
AI2S	KP4N	UR8IDX	
DJ6OI	KQ5M	US8UW	
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DL9GTB	LU5YF	VE7JKZ	
DU7ET	LZ3YY	VP2VA	
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EA8AXT	N1KI	W1AN	
EC5A	N1MD	W1YRC	
ES5NC	N2SG	W2CCC	
FM5GU	N2XQM	W3BBO	
G0VXE	N3AF	W4HHN	
G3OIL	N4CRI	W4MAY	
G4CGG	N4ZR	W4OEP	
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IK0HFO	N8IL	W7DT	
IK4MSV	N8NB	W7JET	
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IW0BYL	N9ADG	W8FN	
IW0HQE	NA6O	W8GDQ	
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