

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 27 Dec 2024, 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 4X4DK IK4WMA OH3SR S50U W1JR	SM6CVX	303 F5LGE JA1BK JA4LKB K1UO SM3GSK YU1FW	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
341 EA8AK	324 K2TQC OH2BO W1NG	314 IK4GME K5RK N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	309 UT5UGR W5IZ	308 I4EWH IK4MGP IV3PRK K4SV K8GG	297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
340 K1ZM	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT RZ3AM UT3UA VE3EJ	302 DL4MCF GM0GAV GM3YTS	296 DL9KR LZ2JE N1RJ N3XX S54E
339 W4DR W4ZV	322 K4PI UX0UN W3UR	312 OH1MA	306 K4CIA N4RJ SM0AJU WT3Q	301 DL9KR LZ2JE N1RJ N3XX S54E	295 DF2UU F5NTV G4PWA OE1WEU ON5NT W1JZ
334 N4WW OH2BU	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A SP2FAX	305 EA6SX JA7NI K4ZW N4IS UA6A	300 F6BKI G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF	294 JA2JPA K3UA
333 R7LV	320 SM4HCM W8UVZ	310 I4AVG KJ9I SM5BFJ	304 CT1EEB DJ0MDR NN4T	299 JA4DND K4TEA N1BUG SV1FJA UX1UA W7UT	293 JH2FXK LA5HE RJ3AA SV8CS WD5COV
332 UR0MC	319 K8MFO N0XA SM4CAN				292 DL1AMQ S58T
330 AA1K HA0DU K5UR LZ2DF OH1XX UT7QF	318 W9ZR				291 G4BWP
329 K3UL UA4HBW	317 W3LPL				
328 R4GM UA4CC	316 W2VO				

JH4UYB	286	279	K2CL	265	258
JR2KDN	DJ2YA	IK4DRY	K5BG	AA1V	G3ZSS
OZ1BTE	IK1GPG	JR7VHZ	KF2O	AA4V	KW9A
SM5AQD	K3SX	N2TK	MD0CCE	AA7A	RN3CT
SV1AOZ	N3SL	SM6CNN	RA3DA	G4OBK	VE3QAA
W3YX	PA0WRS	UA6MF	SM6CCO	RW0LT	
W8TOP	UT7UW		UA3DPM	SV8BHN	257
	W8AV	278	UX1AA	YO5BRZ	IK5HHA
291		DK0EE			K1GUN
9A7V	285	F6BEE	272	264	W9YSX
DF3GY	CT1APE	JA3FYC	9A2EU	AA6YQ	
JA4LXY	G4CCZ	K5DU	CT1EKY	K7ZV	256
KD9SV		KG4W	DL1DUL	SP9JZU	9A5CY
N0TB	284	N5DG	DL2OE	W1GL	JA5BZL
R7NW	K5XI	UR5WA			JH1GZE
SM3NRY	UA3AB		271	263	K1QX
SM6CMU		277	EU7A	IZ1ANU	K5VRX
SP3E	283	AA4MM	G4GED	K9OW	K8FL
UA3LAR	HB9BGV	DJ9VA	HB9AMO	W2SM	N5KD
UT7UJ	NA0Y	F6AOJ	OZ1CTK	W3AP	N8TR
	NO3M	IK5BAF	SP6CIK		PA7MM
290	R3OK	ON7TK		262	W1TSP
IZ0AEG			270	G0DQS	
SP3IBS	282	276	OE5KE	K4XP	255
UA3AKO	DL1YD	DK5WL	SM5KNV	KR9U	K4QL
W5ZN	I0WDX	DL7VEE		W1YY	KY7M
	JH4IFF	G3LZQ	269		N2MF
289	K4SO	N8RR	IK6DLK	261	UX0FF
I5NPH	K8KS	N9IW	JA5AUC	9A4T	W3DF
JA3ONB	N2LT	OK1AWZ	K6ND	DL9YX	W5OZI
K0KX	N7NR	SP9DWT	KD5M	K2EK	
K4WM	SM6CTQ		RV3LO	K5KC	254
N8DX	SP3DV	275	W1ZC	N6SS	N0AT
RX4HZ	US5WE	9A1CCY		NO8D	OM3DX
US4EX	UY5ZZ	IK4CIE	268	SP1S	WA4FFW
	W0BV	K2UO	DL5DSM	SP5DIR	
288	W2YC	K4IQJ	G3WPH		253
PA3GCV		OH3BU	RA3XDX	260	5B4AGN
RA3CQ	281	SP5CJQ	RK4FD	EI7BA	K5ESW
RY9C	DF2PY	UW2ZM	W1MK	K1LT	RU3FM
SL0ZG	JA2PJC	VE2TZT		K4DY	S58Q
SP7VC	JA5EXW	YO3APJ	267	KX4R	UA1OMS
UA4LY	K1CP		LU8DPM		W0YG
W0JX	K9CT	274	RZ3DX	259	W3KX
WK3N	S59Z	G3TXF		DF4PL	
	W4TO	K1ZZ	266	EA5BM	252
287		SP6AEG	K8PT	F6GCP	EA1DR
DL1RWN	280	W6UB	LA3MHA	I1FQH	IV3YYK
G3XTT	EA6NB		NR1R	IK2YCW	JF2MBF
N2QT	HB9BIN	273	R3LA	N3NT	JG3QZN
VA3DX	NJ6P	F5NBU	W8TE	R9FM	LA5IIA
W4PK	SM4DHF	IK8HJC	W8XD		ON4AOI
	SP6HEQ	JA8ISU			PA4VHF

S52F W3UM	245 AA1QD DL4CF JA1GV N9US RL9F RY7G W9XY	K1ZG K9OT LA2XPA UR5MID VO1NA	R7DX VE3XN W3LL WA7NS	229 CT1FJK DJ4AX JA8FKO J11BEX OE5NNN RO7T	SP3CGK SP8NR US0SY VA5DX W7KW
251 DJ7RD DL9RT I1EIS JA2VPO JH0BBE N4II VK4MA W5UN W7LR	244 AG9S DK6WL IK0XBX JA1HGY JA7QVI K9RX ON4IQ	239 F6BLP JA5MHD JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK	234 AC4G AJ6T IZ8FFA K1AR K4UTE KF0QR PY1BVY	228 AF9H AI0O EA1N K4HB OH2BEN SV8CKM VE3DZ	224 DL5WW I3BUI IZ1LBG JA9CHI N8BM ON4GG SP5INQ VK6VZ W0VTT W2RQ
250 HB9RG NQ1K OZ8BZ PY2RO	243 AB3CV DK2JX DK3DG JF8QNF NN4X ON4ATW S57A W9RPM WX4G	238 DL8WN IK0XEZ JA0DAI VO1HP	233 AB4I EA6VQ JA0FSB K0CS KA7T SK3PY UA4HAU VA2WA W7AO	227 DL7HU E72A ES1RA IK0HBN IK6FWJ JA1UQP K1FK K3NW KD0Q N2WK NV9L W1TC WB6RSE	223 AB0X HA7TM JH2TPI RT6T SV2JAO ZS4TX
249 AI9L JQ3DUE JR3IIR K9NW SP5DRH	242 KG7H R5AJ	237 DL7MAE IK0MHR K1DG NI0G OM4EX RA0FF UR5EDX	232 JA8EAT K2AZ K2UU K4XL NI6T S51DI UA3AP	226 JA6BZI JF2KOZ JR6EZE K9FD* N6AR N6JV UT5JAJ VE6WZ	222 DF6PB IV3JVJ K3SV K6EID N5AW N8PR N9BX SM0CCM W9BF
248 K3WW K5RX N2NL R5DT SM3VAC SV8GFW T77C UT9FJ W9NGA	241 EA4KD JA1SYY JA3EMU K2FF K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 EA6ET G8VR K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	231 4X4NJ HA9RE IK0YUT JH1HGC K5EK N7NG ON4ACG W9IXX		221 DJ8NK K4MWB K8FH K8SIX MM0EAX N6VR SP7GAQ W1ZK W6JRY WS6X
247 IV3ODE K6XT NO2R R7IA WB3AVN					
246 DJ2TI F2JD K0IEA N6TR TF4M W2TQC W5XZ	240 JA0CRI K0JUH K1FZ	235 CX6VM JH4ADV K3SWZ KA9CFD N6DX OK1CF	230 DJ5FI FK8CP JA1CMD N8JV SM3NXS W4GF W4VQ	225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ	220 AG8B HB9LCW HL5IVL

JR4OZR	215	K3WA	JA3PIS	JA5AQC	G4BUE
K8ZTT	JA9PPC	N4PQX	K2VV	JH3VNC	IT9JNR
KA1R	N7JW	NX0I	K5AQ	K2NV	W2IRT
N1LN	RA1QD	RU3SD	K5RT	LY1G	W8HB
N5JR	W0UO	UR5FEO	KG9N	N7KA	197
VE3EXY	W2LK	W1ECT	N8DJX	OK1DOT	G3SNN
219	214	WA5VGI	N9AU	R9TO	HB9DDO
IK3VUU	AD5A	210	SM6BZV	RA3S	I5KKW
JA2FJP	DL7BA	I8SAT	US0KW	UA9FAR	JH2UVL
LB8DC	HL3IUA	JH0INP	VE3BW	W7DO	K8NVR
N0AV	JA2JW	JJ2LPV	205	WA2HZO	LA5YJ
OE8RT	JA2WYN	LA4GHA	I4KDJ	ZL3IX	OE4PWW
RA3WDK	JJ3PRT	UW7LL	JA3AAW	201	OE5FIN
SP4K	K3JGJ	W7JW	JA9FPI	AA5AM	ON4CD
UT7UV	K4NA	209	K1DT	CU2DX	RZ6FA
WA2UUK	OK1DX	DL5CF	PY2XB	DL1EJA	UA0SC
218	RN7G	DL9MRF	W8UN	F4BKV	UT5EL
DJ4PI	W4NL	EU1KY	WB8ZRL	JA9NFO	196
DK0PM	W6YI	HB9CXZ	204	Ji2KXK	4Z4DX
DK2NG	213	HB9DDZ	DJ5AV	JO7WXN	AA4HP
IK1YDB	DF2IS	JA0UUA	IK7NXM	K3HP	AG4W
JA2FBY	EI3IO	LA7GIA	K4JJW	K5MC	DK2LO
JA8CDT	HA1RW	N9LB	KK4SI	N4QS	F6EXV
JF3KON	JF6DSZ	VE1DX	LX2A	N5ZM	IK4PLW
K0EU	K1ST	VE3LYC	N4NX	W5TCX	JA4PXC
K5UO	NA2M	W0ZR	N7FU	200	K8PO
UT4MF	RU4SO	W7KNT	UA0SR	JA1GTF	KA9FOX
W5PJR	W0LYI	208	US6EX	JH2RMU	KP2A
WA7NB	W1FJ	G3NSM	W2HUV	K1GE	ND0N
217	W2WG	JA7MSQ	WD8PKF	K3LR	RA9CMO
JG1ULJ	W3YY	JF4VZT	WF4U	K9US	RZ4FO
K5PC	212	K2FU	WI8A	LA7HJA	SM2OAN
ON6YH	AA9A	N5ORT	203	RW4NN	W0FS
UA3AGW	DL9GFB	RU3ZX	IZ8VYU	RW7M	W2FCR
216	K4MQG	UN5J	JA2XYO	UY0ZG	195
JA2NDQ	K8ZH	UY1HY	JE1PNX	W0DD	EA3JL
JA6LCJ	KE9I	W6PJ	K4XO	W0MHK	EA5RM
JH1IFS	KG6I	W9EWZ	K8AC	W3GG	G3ZEM
K5EJ	LA7JO	207	K9MMS	199	JA1EOD
N5UL	N1ZZ	I4LCK	KK2I	JA2DPC	JN7FAH
OE1ZL	N4MM	K1LPS	PA0A	JA2JNA	K7SO
RZ0AF	SM5CZQ	K3JT	R6AF	K1GG	K9RT
W0GJ	WB9CIF	K8EUR	W8GC	K6GXO	KF8UN
W6XA	WS9V	PY2BW	202	N4DW	N1SV
YO7LCB	211	W0LS	DL1MGB	OZ1AXG	W5ZG
YU3AA	F6DAY	206	DL2KQ	W1TO	W9OP
YV1DIG	IK4DRR	DM5EE	DL9DRA	198	194
	JA2IVK	IK0IOL	EA1RT	DL1ROJ	K4KDX
	JA4DEN		JA3CSZ	G3UJE	K9JF

KB9LIE	JA1DUH	K0BJ	W1YM	EA8JF	OE1WHC
KC9ARR	JA1MCU	K3PA		HA5WA	OK1DWC
W1NT	K2TE	K6SRZ	181	IK4ADE	RN7F
W2LO	K9KU	K7LAY	DK3WW	JE1BMJ	UA3LNM
W9OO	KF7PG	N8LJ	N3OC	K3WC	W8UV
WD8JJA	KM1D	NE1B	VE3OSZ	K9NU	W8VVG
	LA7AFA	WA3C	YO2DFA	SM6DHU	WT8C
	N4XU			W2OR	
193	N5GH	185	180	W5LT	173
DL5ZB	SP2LNW	AB6QM	DM2DXA	W7FI	5B4ALJ
DL6ZXG	VE7VV	EA6BF	DM3VL		I1JQJ
EA3WD	XE2X	G3KWK	K2EP	176	JA3ENN
HA5BSW		IK3SWB	K6SSS	EU1AB	JA9TWN
K4ODL	189	K5ZD	K7BG	HK3W	K1NTR
K9YY	9A2F	N4TJ	LA9AJA	I6FLD	K4XR
KV7K	CT1IUA	N5UR	N1RR	JA0DET	K5GKC
N9EN	EA8PP	OE2BZL	N4AH	JA5IU	KA1J
NK1K	FM5CD	SV1DPI	ON5FP	JA6BJV	N5FG
PA0LOU	JA1XEC	UA9CBO	UT2UB	JA8KSF	PY5EW
RN1ON	JA3RAR		W1RM	JL1SAM	W8HC
UA0CA	JH1QAX	184	W3YQ	K8MN	
W4FC	K0JGH	AA1ON	W8TN	N5OK	172
W9MU	SM7GIB	I2AOX		RL3FA	G0BLB
	SP7HOV	JA2ZL	179	W4BP	G3NKC
192	UA7T	JF1NZW	IT9ELD	W4GD	IZ5MOQ
9A2NA	WE9R	JF1PUW	IW0SAF	YO7NE	JA3FGJ
DK1FW		JH1RFR	JA2BDR		JA9NLE
IK0FVC	188	K4HGX	K4CN	175	JG3IWL
JA0EOK	AB4IQ	K5KLA	K8WK	JA1CHN	K0DEQ
JA7JWF	JA1KQX	KB4ET	OK1MG	JS3CTQ	K1BD
K3FN	KB0EO	KL0S	S57UN	K4DLI	K6FG
K4FJ	KB1EFS	OH2IS	SM4DDE	LA0FA	KJ0M
K5XX	W6SR	S57AC	SV3FUP	N7IR	W4FQT
K7GM	W8JV	US8UA	W2YJ	N7XR	
K9EU	WA6YEE		W7BEM	SM5FUG	171
N4DB		183	YL2TW	SP1MGM	AA9D
N5LZ	187	CT1FMX		VE3FF	DL6KR
W3UA	AJ1H	CT3MD	178	W7MEM	G0EHO
W4UM	DF2GH	IT9INO	EA3CJ	WX0V	HA9PP
W8LGJ	JA0VSH	K8VC	JA2LCP		JA1PPW
WN6W	K0SR	KE9ET	JA4MRL	174	JA6HUG
	KN5O	LA3WAA	JE2URF	4Z5CX	JR1TNE
191	N2NS	NN2L	K2UR	JA0GJJ	K1NU
G0OIL	OK1CZ	ON6SAS	K8RRT	JA2XW	K9YC
JA1ANR	RM0F	W2FP	NE0U	JA7MOL	LA5LJA
K8FC	SM0NJO	W8NW	SM7DLK	JF7DZA	N0RN
K9LA	W7AWA		SV1JG	JK1OPL	N4OGW
KB8VAO		182	W6NWS	JR6PGB	N7RO
RK2FWA	186	DJ9ON		K0TT	N9RC
RX3APM	9A8A	DK3UA	177	K2KA	SV1LK
WA2VYA	IK2QPR	JA1SHE	9H1SP	K3AJ	WB7B
	IZ8FWN	K0BBC	AE5E	K4TR	ZS1LS
190	JA8DNV	UR3EO	CT1EAV	K4WS	
IZ8XQC					

170	K8NK	JH2SON	160	157	154
CT1FPQ	N0IJ	K1NJ	9A2JK	AA4H	3V8SF
DJ6TK	N3BNA	N5WA	AD5Q	AC6DD	GM3PPE
JA6JPS	PA3C	N9FN	DL1DA	DK1WB	HB9TKS
JF1WPB	RA1AOB	NY0V	EC3A	EI6FR	JA8NFV
JM1GYQ	RN9N	RA3ZH	HB9DHK	G3TQZ	JE2DZC
JR7BDQ	S51EC	SV2AEL	HB9FMN	G4GIR	K0KVR
K6ZZ	SP3FAR	W4NS	IW2FND	IZ4DPV	K4RG
N4PY	UN9L	W6RW	JA2EPW	JA1GHH	N3RC
SP3GTS	VE6WQ	W7YAQ	JE2LUN	JA9APS	W1NA
SV3KH	W1YW	163	JE2OVG	JH7IAJ	W2XI
W8KEN	W3IP	DJ9HX	JF2XGF	K9GA	W5DNT
W9AJ	WA0MHJ	JG0CQK	JR7MAZ	LY5A	WB0TEV
W9EVI	WA4LOX	K8TL	K3MSB	N5MOA	WS7L
WA3AFS	166	UR4CWQ	NR4M	NE9Z	YS1RR
WC4X	4Z1UF	VE3CFK	RU6L	RN3OG	153
169	DJ4SO	W7AL	UA0FZ	RU4UR	AJ9C
IK0PEA	IV3TDM	WP4U	UX5UO	SM3PHM	DL3ZA
JA1ADT	JA1FNA	162	W1BR	SV8ZS	EA5BY
JR1IZM	JA9LJS	4O3A	W5XC	W2TA	G3TJW
K1LI	K3KY	9A4W	WX0B	W5GZ	HL2CFY
N4XX	K4JLD	CT1GFK	159	YV2IF	JE3GRQ
N7US	K4PB	F3AT	JA4FKX	156	JF1IRW
PE1L	K4ZYU	JA6GIJ	JE2LPC	DL4MM	K8VJV
RA3DNC	K9MBQ	K1KI	JH6QFJ	F6HDH	N4TV
UT8MM	OH2BLD	LB6KC	JH7CFX	IK0AGU	N5TW
UY5AA	RM3DA	N8MR	K1KA	IK0FUX	N8II
WB3JFS	W1RR	RW3RN	K4RO	IZ8IEV	R9OK
168	W8ILC	W0HT	W3HKK	JH2QMT	SM6CLU
4Z5MU	WA8TXT	W0TT	W6BJH	JO7HAM	SP5CCC
G3MXJ	165	W1LW	W7SX	K8YSE	UT5UY
IK2EGL	DL7UCX	W3JX	W9RN	KS1J	WB8BPU
JE7JDL	I2ZGC	W4DKS	WA9PIE	N3UA	WE1P
JF2UPM	JA6VQA	W8WEJ	WD5BJT	N4HB	152
K5QY	JE7RJS	WW3S	158	UA3SAQ	EW2A
K8RYU	JN4MMO	161	DJ4PT	VA3LX	HB0CC
KR4F	K5JZ	DK2GZ	DL1FKA	W1YIF	JE3ENP
N4QQ	KI5BLU	DL6RAI	JH1TWT	W4TV	JR9OPJ
N8BJQ	KK4CB	JA1DOF	JI1FXS	155	JT1CO
PA7F	SM4CTT	JH4CPC	JI1NJC	AB9V	K7SP
SP5GH	SP6EQZ	K1USA	JR1GJP	DL1RK	KS3F
TF3SG	W0DJC	K5GO	K5TT	DL6MRS	N9OY
W4SVO	W5BN	K7NN	OZ1HX	K2LS	S55ZZ
W6VX	WC5N	K8ND	RU6M	K4WA	UA6IGI
W8OI	164	LB2TB	SM4EMO	NE0DX	UT5AB
WA5YNB	GU4YOX	N4GN	W0SZ	NW7E	VE6LB
167	HA7UW	OH6RA	W1OX	RC9F	W1SKU
DK5AD	HB9BZA	VK3HJ	W2XL	SM6VR	W1VT
K4XD	JA1RTX	YU2TW	W3GQ	ZS6EZ	W6RLL
K6KO	JA7ZP		W4QN		W7AJ
					WB3CQM

151	W7HPW	W1ZT	K7CW	ZS1C	EU4A
DK2OY	WB8B		K8ROX		F6DDR
EI9JF	WD5K	145	KJ9C	140	IK8EPC
F3SG	WS5W	AF4HX	LZ2ZG	9A1CAL	JA3OOK
JA6BEE	WW2DX	JJ3HGJ	N2RJ	DF2RG	JF3LOP
K2FW	YO3DDZ	JN1BMX	N2WM	JA9RRH	JH7RXU
N1EN		K1OA	N5UW	K5WK	JK1AJX
N5JB	148	K3VAT	N6PAT	K6KLY	K1RO
OK1ATP	DK2CC	K4OY	R8TX	KF8DX	K2RET
RD3A	EA7TV	K8BL	W0IZ	N4XP	KJ6P
RU3A	F5CQ	KF6HI	W6QUV	N7WS	KK1W
S54A	F5LVL	LA6OP	W8RLS	N8OC	NA5C
SP7AWG	HB9BUN	N1CGP	WB8ZRV	OH6NIO	OZ8X
SV9AHZ	HB9SLO	N4GG	WD9DZV	OK2ZV	RW4CY
W7RH	JA2VQF	PC3T		ON7DR	V51B
WA1Z	JH1QDB	RT0F	142	UN1L	W1GD
WP4G	KR2Q	SM3DTR	I5HOR	VE6SV	W2YE
	N2WB		IT9BLB	W0SEI	W4YV
150	NE3F	144	JE1FQV	W4NU	W7OM
DL4SZB	W5FKX	CU3EQ	JR7WFC	W5ADD	
EA1AF	W9JJB	DL5CW	K3PP	W7IV	137
IT9DSZ		DL5KUA	K4WZ	W8LWU	GM3YOR
IV3RAV	147	E70T	KQ4AV	WO2T	IZ2FOS
JA2NQG	AA7G	EI6IZ	LA9VFA	YL2MU	JA3APU
JH1NYM	EA3GP	GM3ITN	MM0SAJ	YO9FNP	JE6TSP
K0RS	IV3VBM	HB9BYQ			JR1XIS
K7LV	JA1SVP	HI3T	N5XZ	139	K2QMF
K8AJS	JA1XQC	I5MXX	N7QT	CU2AP	K8NS
KU4XO	JH4ALY	IT9GSF	NA4D	DF7EE	N2PK
N3QE	K2AX	IZ4GWE	NQ7R	DJ4XA	ON6AA
N9CO	K7HP	JA3GN	NY2NY	DL5EBE	RA3CO
N9MB	K8UT	JR3OEH	OK1DO	DL8OH	RG7G
OE8SPW	K9MK	K0VSH	W2OO	JA1TMG	UU1JA
UA6YW	KM1H	K5TR	W5LUA	JH0BQX	W11TU
W6DAO	N1IBM	N1IX	W5VQ	K1CA	W2CG
W7CT	UN7LZ	N3KK	WA5POK	K3ANS	W5ODD
WA2BCK	W1OP	SM4OLL	WB8CQV	K6AM	WB5JID
	W2KKZ	SM5CLE		K8GI	
149		W2/CT1GIF	141	K8RF	136
AA6AA	146	W4GE	AC9S	KD0PO	DS1JFY
DL7CX	F5PAC	W7ZI	DL5MHQ	KU0A	E72U
IK4FNF	G4FTC	WC5M	EW1BA	LA8WG	ER0FEO
IZ3ENH	JA1HQG	WD5T	JA1PTJ	OK1MP	IK8CNT
JL1ARF	JA4DHN	YO3CD	JA2ATE	OK2QA	JA4OK
K3RA	JH1GNU		JA5XAE	SM5CBM	K0TV
K3TN	K5KV	143	K2RW	SV8ZC	KR6C
K4YYL	K5SM	DL1DUO	NJ3K	W0SD	N2ZN
K8ME	K5VWW	DL6EN	OE6VIE	WA8WV	N6PSE
NX8Y	K6NR	HB9HFN	SV3FUO		OK1DW
SM6CUK	K7WP	HS0ZEE	W3BW	138	SM5OJH
SV1CNS	N7BT	I0JBL	W4JVN	DK8MCT	SP2BMX
UW7UA	RU0SN	K0QC	W4VIC	DK8YY	UT3UZ
W0GG	W1IZL	K7CMZ	W4WT	EI9FBB	UW8SM
			W8HW		

W2OIB	JA7GLB	JA2TBS	KM3V	OH1JP	JF2WXS
WB7QXU	JA7LGE	JJ1DCW	N0YY	S51NM	JH3CUL
135	JA9AGN	JJ1TEA	N3KS	SK7AX	JH4ADK
5B4MF	JH1HHC	JM1FHL	N3RR	SM0BYD	JL1RUC
DJ9ZB	K1ZN	JR6FC	PY5EG	SP6A	K1HAP
F6FXU	K2CDJ	K5VIP	W7QHE	SP7ASZ	K5KG
HB9IQB	K6EME	KH2L	W8MET	W0CP	K8DV
IV3DXW	KS4YT	N4QWZ		W0RT	KA6BIM
IZ0RVI	KU2A	N5PHT	128	W0YVA	KI4WCQ
JA7LMZ	N9MR	N6RK	AA4SC	W3BG	LZ1XL
JA8BNP	OE1KM	NA5DX	DM2RM	W3MF	N2KA
JA8JL	RA5BM	NN4R	IK8GYS		N3EN
JH4HMG	RV4LC	ON4ON	IT9ZZO	126	N4JT
K1ZE	UQ2PZ	R0SR	JA2AHH	DJ8WD	N9RD
K7FL	VE3WT	R9MJ	JA2KSP	F8BPN	ND5S
NZ9R	W0NFL	R9SA	JA9AA	G4IUF	NW6S
R7LP	W2QO	W8DCH	JE1LFX	HB9FMT	OE1AZS
RN3RQ	132	130	K0FF	IZ7EVZ	OH1ZK
SM3LGO	AA4NC	DF9ZW	K3XA	JA1XCZ	RA0BA
SM5CZK	AB9M	E73M	K4JAF	JA7KY	UN7JID
SP3XR	AD6W	EI2JD	K4SE	JJ1DWT	UU7JM
W1DIG	IT9RDG	G7VJR	K6LPO	JL1UXH	VE3UTT
W2GD	JA2KVD	HK0HEU	KG7CW	JN1RQV	W5DAW
W4BUW	JA6CBG	JA2FBC	LB5WB	K2ZD	W9CG
W4MBD	JR2LJO	JG1DUZ	N5KM	K4JKB	YO2RR
W4RFZ	K6YUI	K2MYR	R9SG	K4XU	
W6JTI	K9ZM	K6SIK	S53X	KC2LSD	124
W8GNM	N6HY	K7LFY	S55DX	LB7ZG	AA7XT
WE4S	ON4CAS	K8BCK	SM3GQP	N8NA	IK3VBB
	OZ2RH	K9GL	SV3DCX	OK3CQD	JH4JNG
134	SM4BZH	N3MK	VQ9LA	OZ1IKY	JJ1DHY
CT3HF	SM6BGG	NA4EA	W2WC	PA5TT	K1UU
IK4DCS	SP6M	NO9E	W4IS	SQ5EBM	K4ZO
K1TO	SV5DKL	OZ2ABI	W6RKC	VE3CX	KD4POJ
K3OX	VE3CRG	R3VA	ZS1A	VE7BV	NA2U
K7XB	W4AXL	R5QA	ZS6UT	W8MK	PA0TCA
KA8SYV	W4RBO	R9AB	127	W8REW	PA3EWP
KX4TT	W4WM	RU1AO	HB9AZZ	W9ILY	UA0BA
N9RS	W5AJ	TA1CM	HK1MW	WB0O	VE1DUN
OE1TKW	W5SL	UN7JX	IU0HDC	WB2REM	W2JU
PY5HOT	W6DR	VE3DO	JA1DDH	WD4LBR	W2RIJ
RG6G	W7AH	W2MPK	JA1WLO	XE1KK	W3FM
RX4HW	W7CD	W9ZT	JA8RJE	YU1EXY	W6CYX
UA0ACG	W9FR		JS2LHI		W8LMG
W1EQ	WB3D	129	K0RW	125	
W4JKC	XE2S	EA1YO	K3TRM	9A1AD	123
YU1AM		JA1NWD	K7TM	GW3TMP	AB1OC
	131	JA8JO	KM4H	HK4SAN	AC4TO
133	DK7YY	JJ4POR	KM4NS	IK5DNF	DL7JRD
9K2NO	G3UHU	K3NK	N1AC	JA4IYL	DL9FCY
EU1U	HS1NGR	K4TT	N1GC	JA6VU	F4GTB
IZ8DFO	IV3KFB	K6XM	OE8HIK	JE1TSD	G4WFFQ
				JE6UWU	G5LP

HB0WR	DF1DB	W2YR	JR3UIC	SM7BIC	K4GK
IK2CHZ	DK1EI	W3OA	K3WGR	SP8HKT	K5XM
IK3XJP	DK6CQ	W4PRO	K4CNW	UA6J	K8YTO
JA0CRG	IK2SGB	W6RFL	K8LN	UB3A	KO8SCA
JA3MHA	JA1SJV	W7RN	K8WVA	UR9IDX	KV1J
JA6WJL	KD8RQE	WV4TN	K9DR	US1CT	LY4T
JH3AIU	KG9Z	ZL4AS	K9SG	W4ZRZ	N0IRM
JR1EBE	N1JP		KD2T	W5JMW	N4OA
K2PK	N6HC	119	KD6UO	W6SL	N8KOL
K3XO	SV1AHX	AA3AZ	LZ2HM	W8ZR	PA3AXU
K4ZIN	UQ1GWW	AJ4A	N2MM	WA2USA	RZ6MJ
K5GH	UT4EO	CT1FCX	N3NR		UA1ANA
K7UT	UU2JQ	DK3GG	PY2PA	116	UA1CGS
K9CS	VA3AYA	EW4M	RN3TT	AJ4F	UA6XT
KV4T	W2GG	G4DJJ	SP6JIU	DL7URH	UN6T
N2ED	W2TB	HB9AAQ	SV9COL	EA5BRE	VE3YF
N4DWK	W3RJW	HB9BCI	TA2RC	EI2GLB	W1OPD
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N9JV	W9YE	I2TZK	W1KSZ	IK0EIE	WA7BNG
N9LQ	WA1PMA	I4MKN	W4DAO	IK2OHG	WP3R
NA2P	WY1G	IU0LFQ	W4NF	IT9TQH	YL2CZ
S50B	XE1VIC	JA3AZD	W4NJ	IV3HYD	
UA3DK		JA4XGC	W8FIB	JA1WTI	114
UT3QU	120	JE2JMV	WT4Q	K1DC	AA4DD
W1AO	9A5F	JH6CDI	YO4AUL	K1RI	BA4DW
W8NJR	AC9EM	K5UZ		KT1V	BA7IO
WB8K	AL7TC	K7EG	117	PA0JSE	CT3FN
XE1H	DL2VWR	K8KWT	9Y4VU	RV3ID	CU3AK
	FG5FR	N0KV	AE0P	TZ4AM	DL6NB
122	HB9BLQ	N4LR	BH4IGO	UA4PCM	F6CWA
G3NDC	HB9DHG	N8PW	DL1DWT	VA7CRZ	G3SDL
HA1RB	IZ0LKV	N9UA	IT9AAI	W1ENE	HK3PJ
JA1MRM	IZ5NFD	NT2A	IT9DAA	W1WEF	HP3TA
K1ESE	JH4GJR	NY7T	JA1HQT	W7GG	I5OYY
K1YT	JR6LLN	OH5NG	JA4FM	W7OEV	JA0AOO
K2MP	K2BA	OK1DT	JA7GYP	W8LRO	JA2KNW
K7ZA	K2HK	R6FFB	JA7IC	WQ5L	JA4KDT
KR0P	K3QIA	SV1ACK	JM3GXU		JH1AGU
LA7WCA	K5JC	SV1IW	JR2UBS	115	JH6WMJ
LA8PT	K6FW	W0QQ	K1BZ	AA5JF	K1RV
N9AW	KA8ZPE	W0RX	K2BB	C6AGU	K2DC
NA9RB	N0OK	W4HZ	K6PJ	CU2CE	K3MD
NN7X	N4BAF	XE1RCS	K7PI	DL9GOA	K3OSX
OE3SGU	N4TB		K8OOK	G4XEE	K5RJ
OZ3Y	N4TL	118	K8QM	G8BCG	KB8U
RD4A	N4UFP	5T5PA	KV4AA	G8DX	KZ4V
UU4JMG	OE3EVA	AB2E	N2BJ	HA5UK	N1QY
VE6AX	OZ2A	AE3T	N3ND	IZ7JVR	N2JJ
WA3I	PZ5RA	AG1A	N4IR	JH1RFM	N3MN
	RL3BZ	DL5OCE	N6MB	K0GD	N4IQ
121	SP7ITB	HB9RYZ	N8AA	K0SD	NU8Z
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CT3KN	US0YA	J18DGO	NY4G	K4GHS	W0VX

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WA1FCN	A92IO	WT9U	CU3AN	EU4T	K1EP
WA9YYY	DJ1RL	ZP6CW	DG7RO	F8EZE	K1XM
XE3ARV	DK5RL		DL1VDL	G3SVD	K2KQ
113	DL5CL	111	EA5BYP	J68HZ	K2MK
9A1A	EA1JO	AA4U	F5BAR	JA2CXF	K4WY
BA4RF	EI8IU	AB4GE	G3LNS	JA4BXL	K6UT
DJ5DT	EW1DO	AF4OX	G8AJM	JK1EXO	K8OM
DJ9RR	G3XGC	DK2WH	HB9EFK	K2ONP	KM8AM
DL8CM	HB9CRV	DK6ED	HC1BI	K4RDU	KN4JX
DL8DYL	HB9G	DL1HRN	HL3GOB	K5KA	LU2DKT
EA5KA	IK7YZG	EV1R	I2BBJ	K6MW	N1BZ
G4AFJ	IZ4DIW	G3PLP	IK5RUN	KC2STA	N4MEC
JA0GCI	JA1SXR	G4DBN	IK8UHA	KE1F	N6RFM
JA4ITW	JA2HYD	IU8FRE	JA1OVD	N8NN	N9TF
JA5WIZ	JA7BXS	JA1AUD	JA9KRO	N9ISN	PA0ZH
JH1ORA	JG3LGD	JA1FGB	JH1VHU	ND4V	R5FY
JH3GCN	JI4WAO	JA1NCZ	K1EO	NN4RR	R7LA
K8SL	JR7TEQ	JA5FDJ	K3JRR	NU4I	RX6DX
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KA4RRU	K0TPP	JE8TGI	K4WW	PY5CC	SM6AOU
KH6DX	K1KO	JF2WGN	K5WAF	RW4UU	UX7UN
KI0G	K3FRK	K2HAT	K6MI	RW9QA	UZ6LWZ
KT1J	K3NF	K5CD	K6VKO	RX3AGD	W2UB
N4DJ	K4UAS	K7ORK	KB4MRX	TG9NX	W3NRJ
N7KO	K8CC	K9AJ	LZ1PM	UB5ZAL	W4ZYT
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NG0G	KB2FCV	KZ0X	N3HBX	VU2CPL	W7ACD
NI5F	KI4DLS	LA0CX	N3IQ	W0VHF	WA2ALY
NK5B	KM1C	N4WJ	N3JB	W5WP	WA4CEM
R7NA	KM3T	N7BD	N4KE	W9FI	WA8MOA
RA4UN	LA8HGA	N9HF	N5BO	WB5TUF	WC1M
RZ3AUL	N5ZC	NA1DX	NC6K	WC2K	WD9EQU
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SP3EPG	N6PE	UT1UY	OZ1LCG	XE1FAS	
SV1FKZ	RU4SU	VE6KC	RD9M	YV3AGT	107
SV1JFV	SM3DMP	VE7CT	SM5BHW		4Z5LA
SV2AVP	UA1ACG	VE7UF	SV1VS	108	DJ8ES
UN7TW	UA1CEI	W3FOX	UA3O	AI2Q	DK3FB
VE3KI	UT6UD	W4HOG	US7MM	AL7R	DL2CHN
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W9VNE	W2SKI	W8KA	W4NE	HB9BAT	EA7QW
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XE1RBV	W8GEX	YL3DQ	ZL3NW	JA3NHL	IT9XTP
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	W9SE			JJ2PIK	JA8JTH
	WA8MCD		109	JK1MZT	JH9DRL
			DF1KG		

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K3YBN	K2CJ	JA1TAA	EA8ZS	UT7EC	KP4AA
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K5KPE	K5AM	JA7BME	F8GB	UY0MM	LX1DA
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KE2R	K8JJC	JA9APM	HB9CIP	W0YBS	N1HOQ
KZ1W	KQ3F	JF1RYU	HK3O	W1QA	N9BBQ
N2RR	N0JZ	K1DJ	IK0DWN	W3DRY	N9SF
N3DAP	N2CW	K2XF	IW0HEX	W3TMZ	OH3GD
N4RF	N2WLG	K4MS	JA1SDV	W5CWQ	OK1DQT
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OE1CP	NI5M	K9RO	JK1BSM	W7DR	PA0GMM
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SP6AXW	UR3CRO	N4VN	K4KEW	AG1I	SM6EHY
US5CB	UT7UU	N6NU	K4MF	AI3Q	SM7BHH
VE3OI	UU5WW	ON7PQ	K4VIG	DJ1MM	UA3PFN
W3KB	V73AZ	OZ4AAL	K4YJ	DJ7PI	US2WU
W4UCK	VQ9SS	PF7M	K5HK	DL2HX	UT2AB
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W8VK	W2EQ	PY2DS	K7TJR	DM5TI	VA3IC
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WB8ART	W2NO	RA6AF	KA2BZS	EA7SG	VE3MFA
WS1L	W3ICM	RD4WM	KH6KG/W5	EU6MM	VE3VV
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	W8OP	UR2RGN	N2SQW	G4PUQ	W4MZ
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AE2U	WC6DX	W1LY	N4TTE	IK2ANI	W6SZN
DJ6OZ	YL2GN	W4OWY	N6PF	IZ0CKJ	WB8BZK
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DL3JSW	105	W9HBH	NJ9C	JA8EJO	102
EA3CCN	DF2PI	WQ5W	NK7C	JH1DGQ	A6/RV6LNA
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IW3GJF	DJ3XD		OH2OT	K2UVV	DK3QM
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JE6IGP	DL6JZ	AD1C	RZ6DX	K7BTW	DL4CW
JG3HBO	DL6XK	AH0U	RZ6LB	K8CCV	DL4KUG
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JA8OW	W5TO	KF7NN	W8GB	K1NA	OK1DXD
JR1BAS	W7IUU	KN6J	W9DX	K1NZ	OK2PAZ
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KG8CW	DL3ANK	OK1PGF	A41ZZ	KC5LT	RU3GF
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OH2EA	HB9NL	RA4P	DL1TRK	LU5YF	UA6CEY
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PV8ABC	JA7SFD	SM7NDX	EC5A	N2DPF	VE1RGB
PY2DO	JF1RPZ	SP7JLH	EI9E	N2SG	VE3OAT
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T77V	K2BX	UT4IS	G4CGG	N7TK	W1AN
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UA1CKC	K4SAF	VE2OJ	I2VGW	N8IL	W2CCC
UA6HOF	K6AAW	VE3XB	IK0HFO	N8NB	W3BBO
UA9MR	K6XJ	VK2GR	IK4MSV	N9ADG	W4HHN
UA9UCO	K7AR	W0QC	IS0/YO3RA	N9PGG	W4OV
UW7CN	K7IA	W1AW	IW0BYL	NA6O	W5BK

W7DT
W8CNL
W8FN
W8GDQ
WB4SON
WU2M
YB1TJ
YL2SM
YO9FLD
ZP9MCE
ZS2DL