

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 25 Jun 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 KJ9I 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 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				
328 R4GM UA4CC				

297 DK5PR JA2JPA N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	OK1AWZ 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 S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ OH3BU 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 SP5CJQ 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 EI7BA 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	270 AA1V JA5AUC OE5KE	262 G0DQS IK5HHA KR9U W1YY
290 UA3AKO			269 K6ND KD5M LA3MHA RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S

SP5DIR	S58Q	246	240	N6DX
260	UA1OMS	DJ2TI	EA6ET	OK1CF
EA5BM	W0YG	F2JD	G8VR	R7DX
K1LT	252	JF8QNF	JA5MHD	VE3XN
K4DY	EA1DR	N6TR	K0JUH	WA7NS
259	IV3YYK	TF4M	K1FZ	234
DF4PL	JA2VPO	W2TQC	K1ZG	AJ6T
F6GCP	JF2MBF	W5XZ	K9OT	IZ8FFA
G3ZSS	JG3QZN	245	KA9CFD	JA0FSB
I1FQH	JQ3DUE	DL4CF	LA2XPA	K1AR
R9FM	ON4AOI	JA1GV	UR5MID	K4UTE
258	PA4VHF	K2FF	VO1NA	KF0QR
KW9A	R5DT	N9US	239	PY1BVY
N2NL	S52F	RL9F	JR3GWZ	S51DI
N5KD	W3UM	RY7G	K0KT	233
RN3CT	251	W9XY	K1DG	K0CS
VE3QAA	DJ7RD	244	K1HTV	K2UU
257	DL9RT	AG9S	KH6AT	KA7T
K1GUN	I1EIS	DK6WL	LY3UM	SK3PY
N8TR	JH0BBE	F6BLP	NV9L	UA4HAU
W9YSX	K9NW	IK0XBX	RN3QN	VA2WA
256	N4II	JA1HGY	RU3QR	W1TC
9A5CY	PY2RO	JA7QVI	SV1ELF	W7AO
JA5BZL	W5UN	ON4IQ	SV1RK	WA7NB
JH1GZE	W7LR	243	238	232
K1QX	250	DK2JX	DL8WN	DJ5FI
K5VRX	HB9RG	DK3DG	IK0XEZ	EA1N
K8FL	NQ1K	IK0MHR	JA0DAI	FK8CP
PA7MM	OZ8BZ	ON4ATW	RA0FF	JA8EAT
W1TSP	249	S57A	VO1HP	JG1ULJ
W3DF	AB3CV	W9RPM	W3LL	JH1HGC
255	AI9L	WX4G	237	K2AZ
IV3ODE	JR3IIR	242	DL7MAE	K4XL
K4QL	K9RX	EA4KD	NI0G	NI6T
KY7M	SP5DRH	KG7H	OM4EX	UA3AP
N2MF	248	SV8CKM	UR5EDX	231
R5AJ	K3WW	241	236	4X4NJ
UX0FF	K5RX	JA0CRI	AB4I	HA9RE
VK4MA	SM3VAC	JA1SYY	AC4G	IK0YUT
W3KX	SV8GFW	JA3EMU	K1JO	N6AR
W5OZI	T77C	K5ZK	K9NR	N7NG
254	UT9FJ	N4XM	K9ZO	ON4ACG
N0AT	W9NGA	N5TY*	KC7V	W9IXX
OM3DX	247	N7RT	OK2ZI	230
WA4FFW	K0IEA	OE2LCM	OZ4O	DF6PB
253	K6XT	OK1DWJ	SP8AJK	JA1CMD
5B4AGN	NN4X	SP5GRM	235	KD0Q
AA1QD	NO2R	UA3TT	CX6VM	N8JV
K5ESW	R7IA	VE1YX	EA6VQ	SM3NXS
	WB3AVN	VE3NH	JH4ADV	W4GF
	YO9HP		K3SWZ	W4VQ
			K5EK	

229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	VA5DX W7KW	JA2FBY JA2FJP JF3KON KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	K4NA OK1DX RN7G W4NL	DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA N9LB VE1DX VE3LYC W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN UW5ZM VE3DZ	224 DL5WW IZ1LBG MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA LA7JO NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	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	207 IZ8FWN K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS
226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N8PR N9BX SM0CCM	216 JA6LCJ JA9PPC K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD UR5FEO WA5VGI	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC KG9N N8DJX PY2XB SM6BZV US0KW VE3BW
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK SP8NR	221 JA2WYN K4MWB 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 IZ8VYU JA2JW	209 DL5CF	
	219 IK3VUU			

W8UN WB8ZRL	201 CU2DX DL1EJA JF1PUW JO7WXN K3HP N4QS W0MHK W5TCX	UA0SC UT5EL W0FS	N9EN PA0LOU RN1ON UA0CA W9MU WA2VYA	AB4IQ CT1FMX JA1KQX KB0EO KB1EFS KE9ET KL0S N8LJ RM0F W6SR W8JV WA3C WA6YEE
204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW KK4SI LX2A N4NX N7FU UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 AG4W G0OIL JA1GTF JH2RMU K1GE K1GG K9US LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W2IRT W3GG	196 4Z4DX AA4HP IK4PLW JA3RAR JA4PXC K8PO KP2A ND0N RA9CMO RZ4FO W2FCR W4UM	192 9A2NA CT1IUA JA7JWF JH1RFR K3FN K4FJ K5XX K7GM K9EU KF7PG N4DB OH2IS W3UA W3YQ W8LGJ	187 AJ1H K0SR K6SRZ KN5O LA0FA N2NS OK1CZ SM0NJO W7AWA
203 JA2XYO JE1PNX K4XO K9MMS KK2I OH1TV PA0A R6AF W7DO W8GC	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA	195 EA3JL EA5RM G3ZEM JA1EOD JH1QAX JN7FAH K3PA K7SO K9RT KF8UN N1SV NK1K W5ZG W9OP	191 JA1ANR K0JGH K8FC K9LA NE1B RK2FWA	186 9A8A IK2QPR JA8DNV K0BJ K7LAY W1YM YL2TW
202 AA5AM DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV K9YY LY1G N5ZM N7KA OK1DOT R9TO RA3S SM2OAN UA9FAR WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE IT9JNR RX3APM W8HB	194 K4KDX K9JF KB9LIE KC9ARR LA7AFA SM7GIB W2LO W4FC WD8JJA WN6W	190 IZ8XQC JA1DUH JA1MCU K0BBC K2TE K9KU KM1D N4XU N5GH SP2LNW VE7VV WE9R XE2X	185 AB6QM CT1EAV EA6BF G3KWK IK3SWB JA2LCP K5ZD LA3WAA N4TJ N5UR OE2BZL SP3FAR SV1DPI UA9CBO
	197 G3SNN I5KKW IK0FVC JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA	193 DF2GH DK1FW DL5ZB DL6ZXG EA3WD HA5BSW JA0EOK JA1XEC K4ODL N5LZ	189 9A2F EA8PP FM5CD JA0VSH SP7HOV UA7T	184 HA5WA JA2ZL JF1NZW K4HGX K5KLA KB4ET
			188 AA1ON	

S57AC	OK1MG	PE1L	171	N4QQ
US8UA	S57UN	SP1MGM	AA9D	N8BJQ
W2YJ	SM4DDE	TF3SG	DL6KR	PA7F
183	SV3FUP	VE3FF	G0EHO	SP5GH
CT3MD	W8KEN	W8HC	HA9PP	W4SVO
IT9INO	178	WX0V	JA6HUG	W6VX
K4CN	4Z5CX	174	JR1TNE	W8OI
K8VC	EA3CJ	4Z5MU	K1NU	WA0MHJ
N9MB	JA4MRL	JA0GJJ	LA5LJA	WA5YNB
NN2L	K2UR	JA1PPW	N0RN	
ON6SAS	NE0U	JA2XW	N4OGW	167
W2FP	SM7DLK	JA7MOL	N7RO	DK5AD
W8NW	SV1JG	JF7DZA	N9RC	EC3A
182	W6NWS	JK1OPL	RA3DNC	EI6FR
DJ9ON	W7MEM	JR6PGB	SV1LK	JA6VQA
DK3UA	ZS1LS	K0TT	UN9L	K6KO
HK3W	177	K1KI	WA9PIE	K8NK
JA1SHE	9H1SP	K2KA	170	K9MBQ
JA3ENN	AE5E	K3AJ	DJ6TK	N0IJ
K8RRT	CT1GFK	K4TR	JA6JPS	N3BNA
N3OC	IK4ADE	K4WS	JE3ENP	PA3C
UR3EO	K3WC	N1EN	JF1WPB	RA1AOB
181	K4RG	OE1WHC	JM1GYQ	RN9N
DK3WW	K9NU	RN7F	K6ZZ	S51EC
JN4MMO	SM6DHU	UA3LNM	KI5BLU	VE6WQ
K2EP	W2OR	W8UV	N4PY	W1YW
LZ2ZG	W5LT	W8VVG	SP3GTS	WA4LOX
VE3OSZ	W7FI	WT8C	SV3KH	WC5N
W9AJ	WB7B	173	W3IP	166
180	176	5B4ALJ	W9EVI	4Z1UF
DM2DXA	EU1AB	I1JQJ	WA3AFS	DJ4SO
DM3VL	I6FLD	JA9TWN	WP4U	HB9FMN
EA8JF	JA0DET	K1NTR	169	IV3TDM
JA2BDR	JA5IU	K4XR	IK0PEA	JA1FNA
JE2URF	JA6BJV	K9YC	JA1ADT	JA9LJS
K6SSS	JA8KSF	KA1J	JE2LPC	K1KA
K7BG	JL1SAM	N5FG	JR1IZM	K3KY
LA9AJA	K8MN	PY5EW	K1LI	K4JLD
N1RR	N5OK	172	N4XX	K4PB
N4AH	OK1DWC	EA7TV	N7US	K4ZYU
ON5FP	RL3FA	G0BLB	UT8MM	OH2BLD
UT2UB	SM5FUG	G3NKC	UY5AA	RM3DA
W1RM	W4BP	IZ5MOQ	W6RW	W0DJC
W7BEM	W4GD	JA3FGJ	W7Yaq	W1RR
W8TN	YO7NE	JG0CQK	WB3JFS	W8ILC
179	175	JG3IWL	168	WA8TXT
CT1FPQ	JA1CHN	K0DEQ	G3MXJ	165
IT9ELD	JA9NLE	K1BD	IK2EGL	DL7UCX
IW0SAF	JS3CTQ	K6FG	JE7JDL	F6HDH
JR7BDQ	K4DLI	KJ0M	JF2UPM	I2ZGC
K8WK	K5GKC	W3JX	K4XD	IK0AGU
N2PK	N7IR	W4FQT	K5QY	JE7RJS
	N7XR	WC4X	K8RYU	JH7CFX
			KR4F	K5JZ
				KK4CB

N4HB	JH4CPC	W2XL	HB9BUN	IZ3ENH
N9FN	K1USA	W3GQ	JA8NFV	JA2VQF
NY0V	K5GO	W4QN	JR3OEH	JA6BEE
RC9F	K8ND	157	K0KVR	JH1NYM
SM4CTT	LB2TB	AA4H	NX8Y	JR1XIS
SP6EQZ	N4GN	AC6DD	W1NA	K2AX
W5BN	OH6RA	DL6MRS	W2XI	K2FW
164	VK3HJ	EA5BY	W5DNT	N5JB
GU4YOX	YU2TW	G3TQZ	WB0TEV	OK1ATP
HA7UW	160	G4GIR	WS7L	RD3A
HB9BZA	AD5Q	JA1GHH	YS1RR	RU3A
JA1RTX	DK1WB	JE2DZC	153	S54A
JA7ZP	DL1DA	JH2QMT	AA6AA	SP7AWG
JH2SON	IK0FUX	JH7IAJ	AJ9C	SV9AHZ
K1NJ	IW2FND	LY5A	DL3ZA	W7CT
N5WA	JA2EPW	N5MOA	G3TJW	W7RH
RA3ZH	JE2OVG	NE9Z	HL2CFY	WA1Z
RN3OG	JF2XGF	RU4UR	JF1IRW	WA2BCK
SV2AEL	JR7MAZ	SM3PHM	JR9OPJ	WP4G
W4DKS	K3MSB	SV8ZS	K7SP	150
W4NS*	NR4M	W2TA	K8VFX	EA1AF
163	RU6L	W5GZ	KR2Q	IV3RAV
9A2JK	UA0FZ	YV2IF	N4TV	JA2NQG
DJ9HX	UX5UO	156	N5TW	K0RS
JE2LUN	W1BR	AB9V	N8II	K5TR
K7NN	W5XC	DL4MM	R9OK	K7LV
K8TL	W9RN	IZ8IEV	SM6CLU	K8AJS
OK2QA	WX0B	JO7HAM	SP5CCC	KD0PO
UR4CWQ	159	K0QC	UT5UY	KU4XO
VE3CFK	JA4FKX	K8YSE	WB8BPU	N3QE
W7AL	JH6QFJ	KS1J	152	N9CO
WW3S	K4RO	N3RC	EW2A	OE8SPW
162	OK2ZV	N3UA	HB0CC	SQ5EBM
4O3A	UN7JX	N7WS	JT1CO	SV1CNS
9A4W	W3HKK	OE5RLM	KQ4AV	UA6YW
F3AT	W6BJH	UA3SAQ	KS3F	W6DAO
HB9TKS	W7SX	VA3LX	N9OY	WW2DX
IZ4DPV	WD5BJT	W1YIF	S55ZZ	149
JA6GIJ	158	W4TV	UA6IGI	DL7CX
JR5JAQ	DJ4PT	155	UN7LZ	HB9HFN
LB6KC	DL1FKA	DL1RK	UT5AB	IK4FNF
N8MR	IT9DSZ	DL4SZB	VE6LB	JA1SVP
RW3RN	JA9APS	JE3GRQ	W1SKU	JL1ARF
W0HT	JH1TWT	K2LS	W1VT	K3RA
W0TT	J11FXS	K4WA	W6RLL	K3TN
W1LW	J11NJC	NE0DX	W7AJ	K4YYL
W8WEJ	JR1GJP	NW7E	WB3CQM	K8ME
161	K5TT	SM6VR	151	K8ROX
DK2GZ	K9GA	WE1P	AA7G	K9MK
DL6RAI	OZ1HX	ZS6EZ	CU2AP	R8TX
HB9DHK	RU6M	154	DK2OY	SM6CUK
JA1DOF	SM4EMO	3V8SF	EI9JF	UW7UA
JH4ALY	W0SZ	GM3PPE	F3SG	W0GG
	W1OX		HB9SLO	W2/CT1GIF
				W7HPW

WB8B
WD5K
WS5W
YO3DDZ

148
CT1FCX
DK2CC
F5CQ
F5LVL
G4FTC
JH1QDB
K5VWW
LA6OP
N2WB
NE3F
W5FKX
W9JJB

147
EA3GP
F5PAC
IV3VBM
JA1XQC
K7HP
K8UT
KM1H
N1IBM
PC3T
W1OP
W2KKZ

146
EU4A
JA1HQG
JA4DHN
JA5XAE
JH1GNU
K1CA
K5KV
K5SM
K6NR
K7WP
N7BT
RU0SN
W1IZL
W1ZT

145
AF4HX
HI3T
IOJBL
IZ0RVI
JE6TSP
JJ3HGJ
JK1AJX
JN1BMX

K1OA
K3VAT
K4OY
K8BL
KF6HI
N1CGP
N4GG
N5XZ
NA5C
RT0F
SM3DTR

144
CU3EQ
DL5CW
DL5KUA
E70T
EI6IZ
GM3ITN
HB9BYQ
I5MXX
IT9GSF
IV3DXW
IZ4GWE
JA3GN
JE1FQV
K0VSH
N1IX
N3KK
SM4OLL
SM5CLE
W4GE
W5ADD
W7ZI
W8RLS
WC5M
WD5T
YO3CD

143
DL1DUO
DL6EN
HS0ZEE
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K7CW
KJ9C
N2RJ
N2WM
N5UW
N6PAT
N6PSE
NN4R
W0IZ
W6QUV
WB8ZRV
WD9DZV

142
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JR7WFC
K3PP
K4WZ
KK1W
LA9VFA
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NA4D
NQ7R
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OK1DO
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W5VQ
WA5POK
WB8CQV

141
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JA9RRH
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JL1UXH
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SV3FUO
W2CG
W3BW
W4JVN
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KF8DX
N4XP
OH6NIO
ON7DR
UN1L
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W7IV
W8GNM
W8LWU
WO2T
YL2MU
YO9FNP

139
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DL5EBE
DL8OH
JA1TMG
JI1DCW
K3ANS
K6AM
K8GI
K8RF
KA8SYV
KU0A
LA8WG
OH1JP
OK1MP*
SM5CBM
SV8ZC
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WA8WV

138
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DK8YY
EI9FBB
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JF3LOP
JH7RXU
K1RO
K2RET
KJ6P
LB5WB
ON6AA
OZ8X
RW4CY
UN7JID
V51B
W1GD
W2YE
W4YV
W7OM

137
DS1JFY
EA1YO
GM3YOR
HB9RYZ

IZ2FOS
JA3APU
JA4OK
JH4JNG
K2QMF
K6EME
K8NS
LA9GX
RA3CO
RG7G
UU1JA
W1ITU
W5ODD
WB5JID

136
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HB9IQB
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JH4HMG
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K7TM
KR6C
N2ZN
OK1DW
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SP2BMX
UT3UZ
UW8SM
W2OIB
WB7QXU

135
5B4MF
DJ9ZB
F6FXU
IK8GYS
IU0HDC
JA7LMZ
JA8BNP
JA8JL
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K4ZRJ
K7FL
K7XB
NZ9R
R7LP
RN3RQ
SM3LGO
SM5CZK
SP3XR
W1DIG
W1EQ
W2GD
W4BUW

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W4RFZ	OZ2RH	NA4EA	W4IS	WB2REM
W6JTI	SM4BZH	NO9E	W6RKC	WD4LBR
WE4S	SM6BGG	OZ2ABI	ZS1A	YU1EXY
134	SP6M	PY5EG	ZS6UT	125
CT3HF	VE3CRG	R3VA	127	9A1AD
IK4DCS	W4AXL	R5QA	CT3KN	AG1A
JA7LGE	W4RBO	R9AB	HK1MW	GW3TMP
K1TO	W4WM	RU1AO	JA1DDH	HK4SAN
K1ZN	W5SL	S51NM	JA1WLO	IK5DNF
K3OX	W6DR	SP6JIU	JA8RJE	JA4IYL
KX4TT	W7AH	TA1CM	JA9KRO	JA6VU
N9MR*	W7CD	VE3DO	JH3AIU	JE1TSD
N9RS	W9FR	W2MPK	JS2LHI	JE6UWU
NA5DX	WB3D	W9ZT	K0RW	JF2WXS
OE1TKW	XE2S	129	K3TRM	JL1RUC
PY5HOT	131	HA1RB	KM3T	K1HAP
RG6G	DK7YY	HB9AZZ	N1AC	K5KG
RX4HW	G3UHU	JA1NWD	N1GC	K8DV
SM0BYD	HS1NGR	JA8JO	OE8HIK	KA6BIM
SV5DKL	IV3KFB	J14POR	SK7AX	K14WCQ
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W4JKC	JA2TBS	K6XM	SP7ASZ	N2KA
YU1AM	JH4ADK	N0YY	W0CP	N3EN
133	JJ1TEA	N3KS	W0RT	N4JT
9K2NO	JM1FHL	N3RR	W1OPD	N9RD
EU1U	K1UU	W0YVA	W3BG	ND5S
HB9CQK	K5VIP	W7QHE	W3FOX	NW6S
IZ8DFO	KC2LSD	W8MET	W3MF	OE1AZS
JA7GLB	KH2L	128	XE1KK	RA0BA
JA9AGN	KM3V	AA4SC	126	UU7JM
JR6FC	KM4H	DM2RM	DJ8WD	VE3UTT
JR7FRW	N3MK	IT9ZZO	DL9FCY	W5DAW
K2CDJ	N4QWZ	JA2AHH	F8BPN	W8LMG
KS4YT	N5PHT	JA2KSP	G4IUF	W9CG*
KU2A	N6RK	JA9AA	IZ7EVZ	WV4TN
OE1KM	ON4ON	JE1LFX	JA1XCZ	YO2RR
RA5BM	R0SR	JH4GJR	JA7KY	124
RV4LC	R9MJ	K0FF	JH3CUL	AA7XT
UQ2PZ	R9SA	K3XA	JJ1DWT	IK3VBB
VE3WT	W8DCH	K4JAF	JN1RQV	J11DHY
W0NFL	130	K4SE	K2ZD	KD4POJ
W2QO	DF9ZW	K6LPO	K4JKB	NA2U
W5AJ	E73M	KG7CW	K4XU	PA0TCA
132	EI2JD	KM4NS	LB7ZG	UA0BA
AA4NC	G7VJR	N5KM	N8NA	VA7CRZ
AB9M	HK0HEU	OH1ZK	OE3SGU	VE1DUN
AD6W	JA2FBC	OZ1IKY	OK3CQD	W2JU
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JA6CBG	K3NK	S55DX	VE3CX	W6CYX
K6YUI	K6SIK	SM3GQP	VE7BV	123
K9ZM	K7LFY	SV3DCX	W8MK	AB1OC
N6HY	K8BCK	US8UW	W8REW	AC4TO
	K9GL	VQ9LA	W9ILY	

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F4GTB	WA7BNG	OE3EVA	JI8DGO	UR9IDX
G4WFQ		OZ2A	K3FRK	US1CT
G5LP	121	PZ5RA	K3WGR	VE3YF
HB0WR	AA6RR	RL3BZ	K4CNW	W4ZRZ
IK2CHZ	DF1DB	SP7ITB	K7PI	W6SL
IK3XJP	DK1EI	SV1IW	K8LN	W8ZR
JA0CRG	DK6CQ	UR5IKN	K8WVA	WA2USA
JA1SJV	HB9DHG	US0YA	K9DR	
JA3MHA	IK2SGB	W2YR	KD2T	116
JA6WJL	JA2HYD	W3OA	KD6UO	AA8CH
JK1EXO	JI4WAO	W4PRO	KG8CW	AJ4F
JR1EBE	KD8RQE	W6RFL	KV4AA	DL7URH
K2PK	KG9Z	W7RN	LZ2HM	EA5BRE
K3XO	N0OK	WT4Q	N2MM	HA7PF
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K5GH	N3ND		PY2PA	IK2OHG
K7UT	N6HC	119	RN3TT	IT9TQH
K9CS	SV1AHX	AA3AZ	SV9COL	IV3HYD
KV4T	UQ1GWW	AA4DD	TA2RC	JA1WTI
N2ED	UT4EO	AE3T	VK4CAG	K1DC
N4DWK	UU2JQ	AJ4A	W1KSZ	K1RI
N6MZ	VA3AYA	DK3GG	W4DAO	K9FN
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N9LQ	W2GG	G4DJJ	W5JMW	KV1J
NA2P	W3RJW	HB9AAQ	W9FI	NA9Q
NA9RB	W6XI	HB9BCI	WX3P	OZ1LCG
S50B	W9XX	I2TZK	YO4AUL	PA0JSE
UA3DK	W9YE	I4MKN		RV3ID
UR9QQ	WA1PMA	IU0LFQ	117	TZ4AM
UT3QU	WY1G	JA3AZD	9Y4VU	UA4PCM
W1AO	XE1VIC	JA4XGC	AE0P	W1ENE
W4NF		JE2JMV	BH4IGO	W1WEF
W8NJR	120	JH6CDI	DL1DWT	W7GG
WB8K	9A5F	K5UZ	G3PLP	W7OEV
XE1H	AC9EM	K7EG	IT9AAI	W8LRO
	AL7TC	K8KWT	IT9DAA	WQ5L
122	DL2VWR	K9SG	JA1HQT	
BA4RF	EI2GLB	N0KV	JA4FM	115
G3NDC	FG5FR	N9UA	JA7GYP	AA5JF
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JH1AGU	IZ0LKV	NY7T	JM3GXU	CU2CE
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K1YT	JA4EPE	OK1DT	K1BZ	G4XEE
K2MP	JR3UIC	R6FFB	K2BB	G8BCG
K7ZA	JR6LLN	SV1ACK	K6PJ	G8DX
KR0P	K2BA	W0RX	K8OOK	HA5UK
LA7WCA	K2HK	W4HZ	K8QM	HK3PJ
LA8PT	K3QIA	W8FIB	N2BJ	IZ7JVR
N3NR	K5JC	WC2K	N4IR	JA2KNW
N9AW	K6FW	WP3R	N6MB	JA3NHL
NN7X	KA8ZPE	XE1RCS	N8AA	JA5FDJ
OZ3Y	N4BAF		N8XI	JG3LGD
RD4A	N4LR	118	NY4G	JH1RFM
UU4JMG	N4TB	5T5PA	SM7BIC	K0GD
VE6AX	N4TL	AB2E	SP8HKT	K0SD
W2TB	N4UFP	DL5OCE	UA6J	K4CMS

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K5XM	DJ5DT	G3XGC	JA1FGB	K4WW
K8YTO	DJ9RR	HB9CEX	JA1NCZ	K6MI
LY4T	DL8CM	HB9CRV	JE2EHP	K6VKO
N0IRM	DL8DYL	HB9G	JE8TGI	KB4MRX
N4OA	G4AFJ	IK2ANI	JF2WGN	KC2STA
N5BO	HB9EFK	IU8FRE	K0FLY	LZ1PM
N8KOL	JA0GCI	IZ4DIW	K5WAF	N2CG
PA3AXU	JA1OVD	JA1SXR	K7ORK	N3HBX
RZ6MJ	JA4ITW	JA4BXL	K9AJ	N3IQ
UA1ANA	JH1ORA	JA7BXS	KM1R	N3JB
UA1CGS	JH3GCN	JR7TEQ	KZ0X	N4KE
UA6XT	K0TPP	K0JPL	LA0CX	NC6K
UN6T	K2HAT	K1EDG	N4WJ	NK7C
W4UCK	K8SL	K1KO	N7BD	NY4I
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	KA4RRU	K8CC	NA1DX	SM5BHW
114	KH6DX	KB2FCV	UR6QA	SP9WZS
BA4DW	KI0G	KI4DLS	UT1UY	SV1VS
BA7IO	KT1J	KM1C	VE6KC	UA3O
CT3FN	N7KO	LA8HGA	VE7CT	US7MM
CU3AK	N9ISN	N5ZC	VE7UF	W0UY
DL6NB	NA3F	N6MA	W0VHF	W3XY
F6CWA	NG0G	N6PE	W1FO	W4DC
G3SDL	NI5F	RU4SU	W4HOG	W4NE
HP3TA	NK5B	SM3DMP	W4OX	W5ZPA
I5OYY	ON5UE	UA1ACG	W5AQ	W6KK
IK7YZG	R7NA	UA1CEI	W7VS	WL7E
IW0HEX	RA4UN	UT6UD	W8KA	XE1FAS
JA4KDT	RZ3AUL	VE7XF	W8MIL	YU7AU
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K3NF	UN7TW	W4VHF	YL3DQ	EU4T
K3OSX	VE3KI	W5VX	YO6HOY	F8EZE
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N3MN	WA4DOU	ZP6CW	F5BAR	K5KA
N4IQ	WB2HJV		G3LNS	K5KPE
NU8Z	WB2UFF	111	G8AJM	K6MW
UA3FT	WS4C	AA4U	HC1BI	KE1F
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WA1FCN	112	DK2WH	IZ0CKJ	N7TY
WA4CEM	A92IO	DK6ED	JA7EPO	N8NN
WA8MCD	DJ1RL	DL1HRN	JE2UFF	ND4V
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WN9O	DL5CL	F6ECI	K1EO	NU4I
XE3ARV	EA1JO	G4DBN	K2BLA	NX7U

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RW4UU	WB8BZK	WB8ART	W2LE	RA6AF
RW9QA	WC1M	WS1L	W2NO	RD4WM
RX3AGD	WC6DX	XE2YWH	W3ICM	SP5JXK
TG9NX	WD9EQU	YL1XZ	W4IR	UA6LCN
UB5ZAL	WW1WW	ZL3RJ	W5JAY	UR1RWX
UT7KF			W8OP	UR2RGN
VU2CPL	107	106	WA4MYO	VE1PZ
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WB5TUF	DJ8ES	AE2U	YL2GN	VY2ZM
WN0L	DK3FB	DJ6OZ	YU3EF	W1LE
YV3AGT	DL1QQ	DL2NOM		W1LY
	DL2CHN	DL3JSW	105	W4OWY
108	DL5XU	DL6JZ	DF2PI	W5KI
AI2Q	DO4DXA	EA3CCN	DF8AA	W6FF
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HB9BAT	G4RGK	JA2MNB	DO1CTL	9K2OD
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S57J	SP6AXW	OK1AYU	N4SC	K4MF
SM6AOU	US5CB	OK2BVG	N4VN	K4VIG
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LZ2XF	G4PUQ	YO7APA	T77V	K1YR
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	KB0EL	UA6CEY	
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AA4AK	KD8BZY	UR8IDX	
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IK4MSV	N9ADG	WB4SON	
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