

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 05 Oct 2022, 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	W1JR	307 4X4DK DJ7MI IK4MGP K4SV OH5VT RZ3AM VE3EJ	S54E
340 K1ZM	323 K9UWA SP5EWY W1NG	314 IK4GME IK4WMA K5RK NX4D OK3GU OZ1LO PE5T RW2A UA4CR	300 F6BKI G3KMA GM0GAV GM3YTS I2ZFD NN4T PA3FQA RC3FL VA3EF	
338 W4ZV			306 I4EWH K4CIA SM0AJU WT3Q	
337 EA8AK W4DR	322 UX0UN		305 JA7NI RW3PZ*	299 CT1EEB N1BUG SM3GSK W7UT
334 N4WW OH2BU VE1ZZ*	321 K5NA S50A W3UR	313 GM3POI OE3GCU OZ7YY		
333 R7LV	320 K4PI SM4HCM W8UVZ	311 DJ6RX G3PQA N1DG RA7A	304 N4IS N4JJ* UT3UA	298 9A2AJ IK2DFZ JA4DND K4TEA LZ2JE OZ3PZ SM3EVR SM5CEU UX1UA
332 UR0MC	319 N0XA SM4CAN WB9Z	310 SM5BFJ SP2FAX	303 F5LGE K9QVB	
330 LZ2DF OH1XX UT7QF	318 K8MFO	309 DF3CB DJ9KG I4AVG OG2M W3GH*	302 DL4MCF JA4LKB K1UO K4ZW N4RJ UT5UGR YU1FW	
329 AA1K HA0DU UA4HBW	317 EY8MM I4EAT* W9ZR			297 DK5PR JA1BK OM2XW SP3EPK W0CD
328 K3UL K5UR UA4CC	316 W2VO W3LPL	308 IV3PRK K8GG KJ9I OH1MA SM6CVX W5IZ	301 DJ0MDR DL9KR N1RJ N3XX	296 DJ2BW F5NTV G4PWA N4CC
325 ON4UN* R4GM	315 OH3SR S50U			

OE6IMD ON5NT W1JZ	SM5AQD UA4LY W0JX	280 K4SO SM4DHF SP6HEQ UA3AB W2YC	273 JR7VHZ K0KX K1ZZ K2CL K5BG RA3DA SP6AEG UA3DPM UX1AA	I2AOX IK8HJC JA5AUC MD0CCE R3LA W8TE W8XD
295 K3UA OE1WEU UA6A W0FLS	287 DL1RWN N2QT S58T SP7VC UT7UJ VA3DX W4PK	279 EA6NB G4CCZ K1CP N2TK NO3M UA6MF	272 9A2EU DL1DUL IK4CIE KF2O	265 NR1R SM5KNV
294 JH2FXK RJ3AA SV8JE	286 IK1GPG PA0WRS W8AV WD5COV WK3N	278 DK0EE F6BEE HB9BGV JH4IFF K8KS K9CT	271 EU7A G4GED KG4W OZ1CTK W6UB	264 K5XI
293 DF2UU G0JHC KV4FZ* LA5HE	285 9A7V K3SX N3SL	277 AA4MM DJ9VA HB9BIN IK5BAF JA5EXW K4WM K5DU SM6CNN	270 OE5KE US5WE	263 AA4V DL2OE IK6DLK K6ND K9OW W2SM W3AP
292 OZ1BTE R7FK* RA3DX SV1AOZ W3YX W8TOP	284 JR2KDN N8DX US4EX	276 DK5WL G3LZQ IK4DRY JA3FYC N8RR N9IW OK1AWZ	269 F5NBU HB9AMO RV3LO SP6CIK SP9DWT W1ZC	262 AA6YQ AA7A G4OBK K4UEE KR9U UX4UA* W1GL W1YY YO5BRZ
291 JA4LXY KD9SV R7NW SV1FJA	283 DJ2YA G3XTT I5NPH NA0Y SV8CS	275 9A1CCY F6AOJ K4IQJ SP3DV SP5CJQ UW2ZM W2OKM*	268 DL5DSM DL7VEE EA6SX G3WPH NJ6P RA3XDX RK4FD SM5DJZ* VE2TZT W1MK YO3APJ	261 AA1V DL9YX K2EK K5KC KD5M N6SS RW0LT
290 DL1AMQ JH4UYB N0TB SP3E UA3AKO UA3LAR	282 DL1YD I0WDX IZ0AEG N2LT N4KG* SM6CTQ UT7UW UY5ZZ W5ZN	274 CT1APE G3TXF K2UO OH3BU	267 ON7TK RZ3DX SM6CCO UR5WA	260 K4DY K7ZV
289 DF3GY G4BWP JA2JPA JA3ONB RX4HZ SM6CMU	281 DF2PY JA2PJC R3OK S59Z SP3IBS W0BV W4TO		266 CT1EKY	259 DF4PL F6GCP IZ1ANU K1LT R9FM
288 PA3GCV RA3CQ RY9C SL0ZG SM3NRY			266 CT1EKY	258 EA5BM

K4XP KW9A RN3CT VE3QAA	VK4MA W1TSP W5UN W7LR WA4FFW	DK6WL JA2VPO	237 DL7MAE IK0XBX K1VW* OM4EX W4YO*	NI6T UA3AP
257 EI7BA K1GUN KX4R W9YSX	250 HB9RG JA8ISU OZ8BZ PA4VHF	243 DK2JX DK3DG I1EIS ON4ATW R5DT W9XY	236 IV3ODE JA0DAI K1JO K2FF OK2ZI SP8AJK UR5MID W3KX	231 4X4NJ HA9RE IK0YUT JF8QNF KA9CFD N7NG NI0G ON4ACG S57A
256 9A5CY G0DQS I1FQH K1QX K5VRX PA7MM	249 AI9L NQ1K SP5DIR SP5DRH	242 AG9S KG7H N2NL W9RPM WX4G	235 F6BLP IK0XEZ JR3GWZ K3SWZ KC7V N6DX R7DX VO1HP	230 AB4I JA1CMD JA5MHD K2UU K9NR N8JV SM3NXS W4GF W4VQ W9IXX
255 IK2YCW K4QL K8FL LA3MHA N2MF SP9JZU W5OZI	248 K5RX K9NW KY7M OM3DX PY2RO SM3VAC SP1S T77C W9NGA	241 JA1HGY JA3EMU K5ZK N4XM N5TY N7RT OK1DWJ RL9F SP5GRM VE1YX VE3NH	234 JA7QVI JF2MBF K4UTE K9RX PY1BVY SV1RK VE7IG*	229 CT1FJK DJ4AX JA8EAT JI1BEX K9ZO RA0FF RO7T SV8GFW
254 N0AT W3DF	247 9A4T JQ3DUE K3WW K6XT NO2R R7IA UT9FJ	240 K0JUH K1ZG K9OT LA2XPA ON4IQ TF4M	233 AA1QD IZ4BEZ K0CS K1DG KA7T N4II SK3PY UA4HAU VE3XN W7AO WA7NS YO7LCB YO9HP	228 AF9H AI0O JA0FSB K1AR K5EK NT0V* OH2BEN
253 IK5HHA K5ESW K8PT N3NT RU3FM S58Q SP9FKQ* SV8BHN UA1OMS W0YG	246 DJ2TI JG3QZN N6TR W2TQC W5XZ	239 EA4KD JR3IIR KH6AT LY3UM N5KD NO8D SV1ELF		
252 EA1DR JA5BZL LU8DPM N8TR W3UM	245 DL4CF F2JD JA1GV K0IEA N5DG N9US RY7G WB3AVN	238 DL8WN IV3YYK K0KT K1FZ K1HTV UA3TT UX0FF		227 ES1RA IK0HBN K1FK K3NW N2WK OZ4O WB6RSE
251 DJ7RD DL9RT G3ZSS JH0BBE JH1GZE	244 5B4AGN		232 G8VR JA0CRI K2AZ K4XL KF0QR	226 CX6VM DL7HU

IK0MHR	221	SV2JAO	211	W1TC
JA1UQP	AB3CV	UA3AGW	JA4DEN	205
JF2KOZ	EA1N		K4MQG	HA1RW
JH1HGC	I3BUI	216	NX0I	JA3AAW
ON4AOI	IZ8FFA	K8SIX	RU3SD	JH0INP
UT5JAJ	K4HB	N5UL	SM5CZQ	K1DT
225	N6VR	OE1ZL	VA2WA	PY2BW
A45XR	N9BX	RZ0AF	W6YI	RA1QD
E72A	W1ZK	SP3CGK		W1ECT
FK8CP	W6JRY	UT7UV	210	W8UN
K1MM	WS6X	VE3LYC	I8SAT	WB8ZRL
K5AB	ZS4TX	W6XA	IK4DRR	
K9FD/KH6	220	215	JJ2LPV	204
N4CH	AG8B	IZ1LBG	K0MN*	DJ5AV
OE5NNN	HB9LCW	N7JW	K3WA	HB9DDZ
RA3QK	HL5IVL	RU3QR	UR5FEO	JA2WYN
RV1CC	JA1SYY	W0GJ	W7JW	JH2TPI
RW3XZ	JH4ADV	W2LK		KK4SI
VA5DX	K8FH	214	209	LX2A
224	KA1R	HL3IUA	DL5CF	N0AV
AC4G	KD0Q	JA2JW	JA2NDQ	N7FU
JA6BZI	SP8NR	K1AM*	ON6YH	N9AU
JA8FKO	VE3EXY	OE2LCM	VE1DX	UN5J
K9FD	219	OK1DX	W0AIH*	US6EX
N8BM	IK3VUU	RN7G	W0ZR	WD8PKF
S51DI	JA2FJP	W4NL	W6PBI*	
S52F	K6TA	213	W7KNT	203
SP5INQ	K8ZTT	DF2IS	WA5VGI	DL7BA
US0SY	N1LN	DJ8NK		I4KDJ
VK6VZ	OE8RT	DL5WW	208	JA2XYO
W2RQ	SP4K	EI3IO	AD5A	K4XO
W3LL	SP7GAQ	JF6DSZ	JF3KON	K8AC
223	WA2UUK	K3JGJ	JG1ULJ	K9MMS
HA7TM	218	NA2M	JJ3PRT	KK2I
N6AR	DJ4PI	RU4SO	K2FU	N4NX
R5AJ	DJ5FI	W0LYI	N5ORT	PA0A
RT6T	DK0PM	W0UO	RU3ZX	R6AF
VE6WZ	EA6VQ	W1FJ	SM5JE*	VE3BW
222	IK1YDB	W2WG	W6PJ	W2HUV
AB0X	IK6FWJ	W3YY	WS9V	W8GC
DF6PB	JA8CDT	YU3AA	207	202
IV3JVJ	K0EU	212	I4LCK	DL1MGB
JR6EZE	K4MWB	DK2NG	K1LPS	DL2KQ
K3SV	K5UO	DL9GFB	K8EUR	EA1RT
K6EID	ON4GG	JA6LCJ	WB9CIF	JA3CSZ
N5AW	UR5EDX	JA9PPC		JA7MSQ
N6JV	UT4MF	K1ST	206	JH1IFS
N8PR	W0VTT	KE9I	AA9A	JH3VNC
NV9L	W5PJR	KG6I	AJ6T	K2NV
SM0CCM	217	N1ZZ	JA3PIS	K4JJW
W7KW	IW1ARB	N4MM	K2VV	LY1G
W9BF	JA2FBY	VO1NA	K4NA	N7KA
	K5PC	YV1DIG	K5AQ	OK1DOT
			KC6AWX*	R9TO
			KG9N	US0KW
			SM6BZV	

ZL3IX	OE4PWW	W0RI*	WA7NB	F4BKV
201	OE5FIN	W9MU	WF4U	IT9INO
DL1EJA	ON4CD	192	187	K8VC
F6DAY	RZ6FA	AD8P*	AJ1H	KV7K
JA2IVK	UA0SC	JA4PXC	G4BUE	LA3WAA
K3HP	W0LS	K3FN	JA9FPI	ON6SAS
K5EJ	W9EWZ	K4FJ	K0SR	OZ1AXG
MM0EAX	196	K5XX	K1GG	W2FP
N4PQX	AA4HP	K9EU	KN5O	W4UM
PY2XB	K8PO	LA5YJ	N2NS	W8NW
UY1HY	KP2A	N4DB	OK1CZ	WA3C
W5TCX	RA9CMO	RN3QN	SM0NJO	182
WI8A	RZ4FO	W4FC	SV8CKM	EA3JL
200	W2FCR	W8LGJ	W7AWA	IK0FVC
DL9DRA	W2IRT	191	186	JA1SHE
JA1GTF	195	K8FC	9A8A	JA8DNV
JH2RMU	4Z4DX	K9LA	I5KKW	K5KLA
JH7PFD	G3ZEM	RK2FWA	K0BJ	LA7GIA
K1GE	HB9CXZ	W3UA	K7LAY	UR3EO
K5MC	JA1EOD	WA2VYA	KB1EFS	UT5UT
K8ZH	JA5AQC	190	W1NT	WN6W
N9LB	K7SO	JA1DUH	185	181
NN4X	K9RT	JA1MCU	AB6QM	AB4IQ
RA3WDK	KF8UN	JA2JNA	EA6BF	K0JGH
RW4NN	N1SV	JA7JWF	G3KWK	K8NVR
RW7M	N5JR	K2TE	JA3RAR	VE3OSZ
W0MHK	W9OP	K9KU	K5ZD	YO2DFA
W3GG	194	KF7PG	K9US	180
WA2HZO	K4KDX	KM1D	N4TJ	DM2DXA
199	K9JF	N5GH	N5UR	IF9ZWA
IK7NXM	KB9LIE	SP2LNW	OE2BZL	K6SSS
JA2DPC	KC9ARR	VE7VV	RM0F	LA4GHA
JE1PNX	LA7JO	189	SV1DPI	N4AH
JJ2KXK	SM2OAN	9A2F	UA9CBO	ON5FP
K5RT	W2LO	EA8PP	W0EWM*	W3YQ
K6GXO	WD8JJA	FM5CD	184	179
N4DW	193	K4ODL	DK2LO	DL9MRF
N8DJX	AA5AM	K9YY	IK2QPR	K3PA
W0DD	AG4W	SP7HOV	IZ8XQC	K8WK
198	DL5ZB	UA7T	JA9NFO	LA9AJA
DL1ROJ	DL6ZXG	W0FS	JF1NZW	OK1MG
G3UJE	EA6ET	W5DM	JF1PUW	S57UN
N5ZM	HA5BSW	188	JF4VZT	SM4DDE
UA0SR	HB9DDO	9A2NA	JH1QAX	SV3FUP
W1TO	JO7WXN	JA1ANR	K4HGX	UT2UB
W7DO	K3JT	JA1KQX	K6SRZ	VE3DZ
W8HB	K3LR	LA5IIA	KB4ET	W2YJ
197	N4QS	LA7HJA	N8LJ	W8TN
G3SNN	N9EN	UA0CA	S57AC	178
IZ8VYU	ND0N	W6SR	US8UA	AA1ON
JH2UVL	PA0LOU	W8JV	183	JA4MRL
K3KO*	RN1ON	WA6YEE	DK1FW	K2EP
	UA9FAR			

K2UR
LB8DC
N5LZ
NE0U
NE1B
SM7DLK
SV1JG
W1YM

177
9H1SP
AE5E
CT1FMX
JE1BMJ
K7BG
K7GM
K9NU
KB0EO
NK1K
W1RM
W5LT
W7FI
WE9R

176
DJ9ON
EU1AB
I6FLD
JA0DET
JA5IU
JA6BJV
JA8KSF
JE2URF
K8MN
RA3S
W4BP
W4GD
W6NWS
W7BEM

175
EA5RM
F6EXV
G0OIL
JA1CHN
JA1XEC
JS3CTQ
K4DLI
N5OK
SM5FUG
SM6DHU
SM7GIB

174
CT3MD
CU2DX
JA0EOK

JA2XW
JF7DZA
JK1OPL
JR6PGB
K2PLF*
K3AJ
K4TR
K8RRT
OE1WHC
RN7F
UA3LNM
W8UV
W8VVG
WT8C

173
5B4ALJ
K4WS
KA1J
N5FG
VE3FF
W2OR
W7MEM
XE2X

172
G3NKC
IT9ELD
JA0GJJ
JA3FGJ
K0DEQ
K4CN
K5GKC
KA9FOX
KJ0M
OK1DWC
W4FQT

171
DK3WW
DL6KR
G0EHO
IZ5MOQ
JA0VSH
JA6HUG
JR1TNE
K2FL*
K2KA
K4XR
K9YC
LA7AFA
N4OGW
N9RC
SV1LK
WB7B

170
DJ6TK
HA5WA
I1JQJ
JA2BDR
JA2ZL
JA6JPS
JL1SAM
JM1GYQ
K1NTR
K6FG
KB8VAO
N0RN
N7IR
N7RO
SP3GTS
SV3KH
W9EVI

169
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K1NU
N1RR
N4XX
N7US
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WA3AFS

168
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N8BJQ
PA7F
SP5GH
W4SVO
W6VX
WA5YNB

167
DK5AD
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JN7FAH
K4XD
K6KO

K8NK
N0IJ
RA1AOB
RN9N
S51EC
VE6WQ
W1YW
W8HC
W8OI
WA4LOX

166
4Z1UF
CT1IUA
DJ4SO
IV3TDM
IZ8FWN
JA1FNA
JA1PPW
K3KY
K4JLD
K4PB
LA5LJA
N3OC
RM3DA
SP1MGM
W1RR
W8ILC
WA0MHJ
WA8TXT

165
AA9D
DL7UCX
JA2LCP
JA9TWN
K1BD
K4ZYU
K5JZ
KK4CB
N7XR
SM4CTT
W5BN
W8KEN

164
CT1EAV
G0BLB
HA7UW
HB9BZA
IK3SWB
JA7ZP
JA9LJS
K9MBQ
KL0S
W4NS

163
GU4YOX
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IW0SAF
K0TT
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K8TL
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N5WA
N9FN
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RA3ZH
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W7AL
YL2TW
ZS1LS

162
4O3A
4Z5CX
9A4W
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F3AT
IK4PLW
JA6GIJ
JA7MOL
K1KI
N8MR
UR4CWQ
VE3CFK
W0HT
W0TT
W1LW
W7YAQ

161
DK2GZ
DL6RAI
I2ZGC
JA1DOF
JH2SON
JH4CPC
K5GO
K7NN
K8ND
N4XU
OH6RA
RA3DNC
W8WEJ
WC5N
WW3S
YU2TW
ZS5LB*

160
DL1DA
IW2FND

JA2EPW	W2TA	JF1IRW	JH1RFR	WB3JFS
JA6VQA	W5GZ	JF2XGF	JR7BDQ	146
JE2OVG	W7TVF*	K8VFF	K7LV	IV3VBM
JF2UPM	156	N5TW	K8AJS	JA1HQQ
JR7MAZ	EA3WD	N8II	KU4XO	JA4DHN
K3MSB	F6HDH	PE1L	N3QE	JE3GRQ
LB6KC	IZ4DPV	SM6CLU	N9MB	JH1GNU
N3BNA	JA9APS	SP5CCC	OE8SPW	JR9OPJ
RL3FA	JE2LUN	UT5UY	OZ3SK	K5SM
RU6L	JO7HAM	WJ4T*	UA6YW	K7WP
UA0FZ	K8YSE	YS1RR	W6DAO	OZ1HX
UX5UO	KS1J	152	W7CT	R9OK
W1BR	N4GN	DJ9HX	149	RN3OG
W5XC	RW3RN	DM5EE	DL7CX	RU0SN
159	TF3SG	EC3A	EI6FR	W1IZL
4Z5MU	UA3SAQ	JT1CO	G4GIR	145
AD5Q	VA3LX	K7SP	IK4FNF	JJ3HGJ
JF1WPB	W1YIF	KS3F	JL1ARF	JN1BMX
K4RO	W4QN	N4TV	K4YYL	K1OA
W6BJH	W4TV	N9OY	K8ME	K3TN
W7SX	W9RN	S55ZZ	KI5BLU	K4OY
WD5BJT	155	UA6IGI	NX8Y	K5KV
WX0B	DL1RK	UT5AB	SM6CUK	K8BL
158	IK0FUX	VE6LB	UW7UA	KF6HI
9A2JK	K4WA	W2RS*	W0GG	N4GG
DJ4PT	K9GA	W6RLL	W1VT	RT0F
DL1FKA	N4HB	W7AJ	WB8B	W1ZT
HB9DHK	NE0DX	WB3CQM	WD5K	W3IP
JA3ENN	NW7E	WB8BPU	YO3DDZ	W6RW
JH6QFJ	SM6VR	WX0V	148	144
JI1FXS	W2XL	151	AC6DD	AF4HX
JI1NJC	W3GQ	AJ9C	F5CQ	DK1WB
JR1GJP	WP4U	DK2OY	N2WB	DL4SZB
K0BBC	ZS6EZ	HB9FMN	OH2BLD	EI6IZ
K5TT	154	HL2CFY	UA2FF	G4FTC
LB2TB	3V8SF	JA6BEE	W4DKS	GM3ITN
NR4M	DL4MM	K2FW	W5FIX*	HB9BYQ
RU6M	EU1KY	N5JB	W5FKX	IZ3ENH
SM4EMO	GM3PPE	OH2IS	WS5W	JA3GN
W1OX	JA1RTX	OK1ATP	147	JH1QDB
157	JA8NFV	RD3A	EA3GP	K1KA
AA4H	JH2QMT	RU3A	IT9DSZ	K3VAT
G3TQZ	K0KVR	S54A	JA1XQC	N1IX
JA0UUA	K1USA	SP7AWG	JH1NYM	N3KK
JA1GHH	K2LS	SV9AHZ	K2AX	NE3F
JA4FKX	NY0V	W1SKU	K4RG	NI0C
JA9NLE	W1NA	W7RH	KM1H	SM3DTR
JE2LPC	W2XI	WA1Z	LA0FA	SM4OLL
JH7IAJ	W5DNT	WS7L	N3RC	SM5CLE
LY5A	153	150	N9CO	WC5M
NE9Z	DL3ZA	AB9V	SP6EQZ	WD5T
RU4UR	EA5BY	F3SG	UN7LZ	YO3CD
SM3PHM	G3TJW	IV3RAV	VK3HJ	
SV8ZS		JA2NQG	W2KKZ	

143
DL6EN
HS0ZEE
K0QC
K5TR
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K7HP
KJ9C
N5UW
N6PAT
PY5EW
R8TX
UN9L
VE3CV*
WA2BCK
WB8ZRV
WD9DZV

142
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JH1TWT
K4WZ
K8UT
N2WM
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N7BT
NJ3K
NQ7R
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SV3FUO
W1AX*
W3BW
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ZS1C

140
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K5WK
K6KLY
K6NR
LA9VFA
N4XP
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OK2ZV
ON7DR
VE6SV
W0SEI
W4VIC
W7IV
W8LWU
YL2MU

139
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DL5EBE
DL8OH
HB9TKS
I5MXX
IZ8IEV
JA2ATE
K3ANS
K6AM
K8RF
KR2Q
KU0A
LA8WG
OK1MP
OK2QA
SV1CNS
SV8ZC
W1OP
W9XQ*
WA8WV

138
DK8MCT
DK8YY
EI9FBB
EW2A
F6DDR
IK8EPC
JA1PTJ
JA2VQF
K1RO
LA6OP
N1CGP

N7WS
RW4CY
W1GD
W2YE
W4YV
W7OM
W9JJB
WW2DX

137
DL1DUO
EI9JF
GM3YOR
HB9SLO
JA3APU
JE6TSP
K2QMF
K8NS
N2PK
N2RJ
N5XZ
RA3CO
RG7G
UU1JA
W1ITU
W5LUA
W5ODD
WB5JID
WB8CQV

136
E72U
EU4A
IK8CNT
JE2DZC
K0TV
KR6C
N2ZN
OK1DW
SM5OJH
UT3UZ
W2CG
W2OIB
WB7QXU
WP4G

135
5B4MF
AA6AA
DJ9ZB
EA8JF
F5PAC
F6FXU
IV3DXW
JA1TMG
JA7LMZ
JA8BNP

JA8JL
JA9RRH
K2RET
K7FL
K8ROX
KK1W
N4PY
NZ9R
RC9F
RN3RQ
SM3LGO
SM5CZK
W1DIG
W2GD
W3JX
W4BUW
W4MBD
W4RFZ
W5ZG
W6JTI
W8HW
WE1P

134
CU3EQ
IK4DCS
JE3ENP
JR3OEH
K1TO
K9MK
KA8SYV
N9RS
RG6G
UA0ACG
UY0ZG
W4JKC
WO2T
YU1AM

133
AA7G
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IZ8DFO
JA7GLB
K1ZN
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K3OX
K8GI
KS4YT
KU2A
KX4TT
N9MR
OE1KM
RV4LC
UQ2PZ
VE3WT
W0NFL

W2QO
W5ADD
WA9PIE

132
AA4NC
IT9BLB
IT9RDG
JA3DY*
JA6CBG
JH4ALY
K6YUI
KD0PO
KE9ET
N6HY
ON4CAS
OZ2RH
SM4BZH
SM6BGG
UW8SM
VE3CRG
W1EQ
W4AXL
W4RBO
W4WM
W5SL
W7AH
W7CD
W9FR
XE2S
YV2IF

131
AD6W
G3UHU
HB9IQB
HS1NGR
IV3KFB
JA2TBS
JF3LOP
JJ1TEA
JM1FHL
KH2L
N4QWZ
N5PHT
N8OC
NA5DX
NN4R
OE6VIE
ON4ON
R0SR
R9MJ
R9SA
SP3XR
SV5DKL
W0SD
W7JY

W8DCH	JA2KVD	J14POR	KI4WCQ	N4DWK
130	JA3OOK	JJ1DWT	NA4EA	N6PSE
DF9ZW	JA9AA	K2ZD	SP6A	NN7X
DK7YY	JE1LFX	K4JKB	UA0BA	OZ3Y
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E73M	K0FF	KC2LSD	W2RIJ	UU4JMG
HK0HEU	K3XA	KF8DX	W3FM	W5DAW
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JA2FBC	K4SE	N8NA	WB0TEV	121
JA7LGE	K6LPO	OK3CQD	XE1KK	AA6RR
JR7WFC	KG7CW	PA5TT	YO2RR	DF1DB
K1ZE	N5KM	VE3CX	123	DK1EI
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K5VIP	OZ8X	W5AJ	DL7JRD	F4GTB
K5VWW	R9SG	W8REW	G5LP	JG0CQK
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K7XB	SM3GQP	YU1EXY	IK3XJP	KG9Z
K8BCK	SV3DCX	125	JA0CRG	KQ4AV
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OZ2ABI	W4IS	G7VJR	K2PK	UQ1GWW
PY5HOT	W6RKC	GW3TMP	K4TT	UT4EO
R3VA	W8MET	IZ4GWE	K4ZIN	UU2JQ
R5QA	ZS6UT	JA4IYL	K5GH	VA3AYA
R9AB	127	JA6VU	K9CS	W2GG
RU1AO	HB9HFN	JA7KY	KM3V	W6XI
SM5CBM	JA1DDH	JE1TSD	KM4NS	WA1PMA
SV2AEL	JA1WLO	JE6UWU	KV4T	WB8K
UN7JX	JA2AHH	K1HAP	N2ED	XE1VIC
VE3DO	JA8RJE	K5KG	N6MZ	120
W2MPK	JS2LHI	K8DV	N9JV	9A5F
W9ZT	K0RW	KJ6P	N9LQ	DF7EE
129	K3TRM	LZ1XL	NA2P	FG5FR
CT3HF	K9ZM	LZ2ZG	UA3DK	HB9BLQ
JA1NWD	KM4H	N2KA	UT3QU	IZ0LKV
JA4OK	N1AC	N3EN	W1AO	IZ5NFD
JA8JO	N1GC	N4JT	W9ILY	IZ7EVZ
JE1FQV	OE8HIK	ND5S	WB2REM	JA1SJV
JH0BQX	S55DX	NW6S	XE1H	JF2WXS
K3NK	SK7AX	OE1AZS	122	JL1RUC
K6XM	SM0BYD	OZ1IKY	CU2AP	K2BA
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N3RR	V51B	VE3UTT	HK4SAN	KA8ZPE
OE1TKW	W0CP	W3BG	JA1MRM	N4BAF
PY5EG	W0RT	W9CG	JA6WJL	N4TB
SM3BCS*	W0YVA	WB3D	JH4JNG	N6HC
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W7QHE	W8GNM	AA7XT	K1YT	PZ5RA
128	126	EA1YO	K2MP	SP7ITB
AA4SC	AB9M	HK1MW	K7UT	W3OA
EI2JD	DJ8WD	JA9AGN	K7ZA	W4PRO
ER0FEO	F8BPN	J11DHY	K8BKM	W6RFL
JA2KSP	G4IUF	KA6BIM	KR0P	W7RN
	I0JBL	KD4POJ	LA8PT	WY1G

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119	TA2RC	DL7URH	UA1CGS	JA5WIZ
AA3AZ	W1KSZ	EA5BRE	UA6XT	JH1ORA
DK3GG	W2TB	HA7PF	UN6T	JH4GJR
DK3UA	W4NJ	HB9AZZ	UN7JID	JR6LLN
EW4M	WT4Q	IK0EIE	W0QQ	K8SL
HB9AAQ	YO4AUL	IT9TQH	W9XX	K9GWH
HB9BCI	117	IV3HYD	YL2CZ	KH6DX
I2TZK	9Y4VU	JA1WTI	ZS1A	KI0G
I4MKN	AE0P	K1DC	114	KT1J
JA3AZD	BH4IGO	K1ESE	AB1OC	KV1J
JA4XGC	DL1DWT	K6EME	AB2E	KV4AA
JA5XAE	G3LAS*	K6SIK	BA4DW	N1QY
JH6CDI	HA1RB	KT1V	BA7IO	N3NR
K4ZO	IK5DNF	LA7WCA	BA7IO	N4DJ
K5UZ	IK8GYS	N0KV	CT3FN	N7KO
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K8KWT	JA1HQT	PA0JSE	DL6NB	NK5B
N1JP	JA4FM	RV3ID	F6CWA	PA3EWP
N4UFP	JA7GYP	US1CT	G3SDL	R7NA
N8PW	JA7IC	VA7CRZ	G8DX	RA4UN
N9UA	JM3GXU	W1ENE	HP3TA	RZ3AUL
NA2U	JR1XIS	W1WEF	I5OYY	SM5ARL
NA9RB	K1UU	W7GG	JE2JMV	SP3EPG
NN2L	K3WGR	W7OEV	JH6WMJ	SV1JFV
NT2A	K5JC	W8LRO	K1RV	SV2AVP
NY7T	K6PJ	W9AJ	K2DC	UN7TW
OH5NG	K80OK	WA2USA	K3MD	UT8MM
OK1DT	K8QM	WQ5L	K3OSX	VE3KI
PA0TCA	N0OK	115	K5RJ	W0VX
SV1ACK	N2BJ	AJ4F	K7TM	W2GW
SV1IW	N3ND	C6AGU	KB8U	W6BK
W2YR	N4IR	CU2CE	KZ4V	W8FAX
W4HZ	N6MB	DL9GOA	N2JJ	W9VNE
W5QP*	N8AA	EI2GLB	N3MN	WA4DOU
WE4S	N8XI	G4XEE	NU8Z	WB2HJV
XE1RCS	NY4G	HA5UK	SP3FAR	WS4C
118	R6FFB	JH1RFM	UA3FT	ZL1BYZ
5T5PA	S51NM	JN1RQV	VK4CAG	112
AE3T	SM7BIC	K0GD	W2/CT1GIF	A92IO
CT3KN	SP2BMX	K0SD	W3RJW	DJ1RL
DL5OCE	SV1AHX	K1CA	W4TUN	EW1DO
HB9DHG	SV9COL	K1RI	WA1FCN	G3XGC
JA4FHE	UA6J	K4CMS	WA9YYY	HB9CRV
JH4ADK	UB3A	K4GHS	XE3ARV	HB9G
JI8DGO	UR9IDX	K4GK	113	HK3PJ
JR6FC	W0IZ	K5XM	9A1A	IK0IOL
K4CNW	W2JU	K8YTO	BA4RF	IT9AAI
K8LN	W4DAO	K9SG	DJ5DT	IU0LFQ
KD6UO	W4NF	KO8SCA	DJ9RR	IZ4DIW
LZ2HM	W4ZRZ	LB5WB	DL8CM	JA1SXR
N2MM	W6SL	N0IRM	DL8DYL	JA1XCZ
N3UA	W8ZR	N4OA	EA5KA	JA7BXS
PC3T	WA3I	N8KOL	G4AFJ	JR7TEQ
PY2PA	WB0O	PA3AXU	G8BCG	K0CA
		RZ6MJ	IZ0RVI	K0JPL

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K8CC	N6PE	SQ5EBM	HB9BAT	JG1DUZ
KI4DLS	SP8HKT	TA1CM	HL3GOB	K2MK
KM1C	UR6QA	US7MM	IK0PRG	K3SW
LA8HGA	UT1UY	W0UY	IK2OHG	K3YBN
N4ZY*	VE6KC	W4DC	IZ0BTV	K5KPE
N6MA	VE7CT	W4GE	JA0GCI	KD2T
N6RK	VE7UF	W4NE	JA2MOG	KE2R
NA3F	W2SKI	W5JMW	JE2EHP	N2RR
NA5C	W3FOX	W5ZPA	JH3CUL	N3DAP
RU4SU	W4HOG	YO9FNP	JR2UBS	N4RF
SM3DMP	W4NU	YU7AU	JR7FRW	N8AGU
SP6JIU	W4OX	ZL3NW	K1XM	NA5Q
UA1ACG	W5AQ		K2KQ	ND4V
UA1CEI	W7VS	109	K4WY	NG0G
UA6AUA	W8MIL	DL2VWR	K6UT	OE1CP
UT6UD	W9RB	EA3GHZ	K8OM	OK2BUZ
VE3YF	WA2MUA	EU4T	KN4JX	OK3CQR
W1HEO	WB9EEE	F8EZE	LU2DKT	R0FA
W2CVW	XE1RBV	G3SVD	N1BZ	RN4AA
W3MR	YL3DQ	HC1BI	N2CG	RV6ARZ
W3UL	YO6HOY	JA2CXF	N6RFM	SP3BQD
W4VHF		JK1AJX	NY4I	US5CB
W5VX	110	K1BZ	OE3SGU	VE3OI
W6TC	AC9EM	K2ONP	PA0ZH	W3KB
W8GEX	CU3AN	K4RDU	R5FY	W6TDX
W8HMK	DL1VDL	K5KA	R7LA	W9CPV
W8LMG	DL9FCY	K6MW	RX6DX	WB4TDH
W9SE	DM2RM	K7PI	S57J	WS1L
WA8OLN	EA5BYP	KC2STA	SM6AOU	YL1XZ
ZP6CW	F5BAR	KE1F	US0YA	
	G3LNS	KL7RA	UX7UN	106
111	G8AJM	N9HF	UZ6LWZ	AA4FL
AA4DD	I2BBJ	NN4RR	VE6AX	AE2U
AA4U	IK5RUN	NU4I	VU2CPL	DJ6OZ
AF4OX	IU0HDC	OH1ZK	W2UB	DL1QQ
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DK2WH	JH1VHU	RW4UU	W4ZYT	DL3JSW
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DL5CL	K3JRR	SV1FKZ	W9NIO*	EA1JO
EV1R	K4WW	TG9NX	WA2ALY	EA3CCN
G3PLP	K5WAF	UB5ZAL	WA8MOA	G4RGK
G4DBN	K6VKO	UT7KF	WC1M	HA8DZ
IK2CHZ	KA4RRU	W0RX	WD9EQU	JA1VLK
JA1AUD	KB4MRX	W0VHF		JA3NHL
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JA2HYD	N3IQ	WN0L	DK3FB	JH2KKW
JA5FDJ	N3JB	XE1FAS	DL2CHN	JJ0NCC
JE8TGI	N4IQ	YV3AGT	DL5XU	JR0EQQ
JH4HMG	N4KE		EA5AT	JR3UIC
K6FW	N7BD	108	G3VAO	K0DEW
K7ORK	NA1DX	AI2Q	G4AKY	K1PX
K9AJ	NC6K	AL7R	I5IHE	K3WC
KM1R	OZ1LCG	DF1KG	IT9XTP	K4DSE

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K8JJC	K7OX	K0WK	AI3Q	US2WU
KQ3F	K7PO	K1BG	AL7TC	VA2ZO
N0JZ	K9RO	K2BB	DJ1MM	VA3IC
N2CW	KI5T	K2BLA	DJ7PI	VE3MFA
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NI5M	N4JI	K4VIG	EA7SG	W3XY
OE5CSP	N4NW	K6UM	EU6MM	W4AVY
OK1AYU	N4SC	K7TJR	EW3LB	W4MZ
OK2BVG	N4VN	K9EA	G3BDQ	W4TMR*
S57AL	ON7PQ	KA2BZS	G4AAW	W4UCK
SP6AXW	PF7M	KB2FCV	G4PUQ	W5VU
UR3CRO	PJ2/K8ND	KH6KG/W5	G4VGO	W5VY
UT7UU	PY5CC	KW0A	HB9RYZ	W6SZN
UU5WW	R6YY	N3ER	IK2ANI	WA2BOT
V73AZ	RA6AF	N3TR	JA2GQO	WC6DX
VQ9SS	RD4WM	N4MEC	JA8EJO	YO7APA
W1CWU	UA3O	N4TTE	JH1DGQ	
W2LE	UA6LCN	N8MZ	JK1BSM	102
W4IR	UR1RWX	NJ9C	JM2RUV	A6/RV6LNA
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W8OP	VY2ZM	RA1QX	K2UVV	DK5RL
WA4MYO	W4OWY	RU3UR	K3FM	DL3DXX
WP3R	W6FF	RZ6DX	K4LQ	DL3NCR
WT9U	W8FIB	RZ6LB	K5AV	DL4CW
WW1WW	WA7BNG	SM5CCE	K5JUC	DL4KUG
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	YU1NR	US5CAO	K9MUG	HB9AHL
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JA8RRF	JF1EGO		SM3CBR	K8BHZ
JE2UFF	JF6WTY		SM6EHY	K8OQL*
JG3LGD				

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KY6R	ES5RW	RA3AH	EA1AF	N3AF
LA3ANA	EU1TT	RA4P	EA2AAZ	N4CRI
N5RZ	G3ZFC	RA4SD	EA3ALD	N7TK
NA5Z	G4DJJ	RB7GG	EA7QW	N8IL
NS3L	G4FJK	RK9F	EA8AXT	N9ADG
OH2EA	GM3WTA	RY6M	EC5A	N9ISN
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OK3CSQ	IK2SGB	SM7NDX	G3OIL	OE5JDL
ON5UE	IV3GOW	SP5MXZ	G4CGG	OK1DXD
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PY2DO	JA1VVX	SP9DH*	I2VGV	ON7EH
R2AB	JA6TMU	SV1PL	IK4MSV	ON7GB
R3IS	JA7SFD	UA0FDX	IS0/YO3RA	ON9CC
RU3UN	JH3HGH	UA4PCM	JA1BRK	OZ1ZD
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W2EQ	K8BN	W4BUE	K2CBI	RX9JX
W2LW	K9PG	W4WT	K2CYE	S53MJ
W2TX	KE4S	W5KI	K3TZV	SM5AHK*
W3EKT	KF7NN	W7AV	K4FT	SV1VJ
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W4JVN	KN6J	W7QC	K4UQC	UA4PAY
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WD8DSB	LZ2XF	WC4H	K8LE	UR4LRG
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	N5AQ	WX3P	KC0V	UT4EK
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AA4NU	N6WM		KD8BZY	VE3OAT
AB4GE	N8AG	100	KJ6NZ	VE7JKZ
AC5O	N8NN	9M6YBG	KM8AM	VP2VA
AC9S	NX2X	A41ZZ	KN4KL	VR2PX
CT1JGA	NZ9Z	AA4AK	KP4N	W0GYH
D44BC	OA4TT	AA5JF	LA8W	W0MU
DH2FW	OE3WQB	AB4VV	LU5OM	W1AN
DK9WI	OH3TY	AC4VM	LU5YF	W1AW
DL1KS	OK1PGF	AI2S	LZ3YY	W1LY
DL3ANK	OK2BOB	DJ6OI	MM0SJH	W1MRH
DL5JS	OK3EY	DL1HRN	N0AH	W1YRC
DL5RDI	OK4MM	DL1TPY	N1KI	W2CCC

W3BBO
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