

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

297 DK5PR N4CC OM2XW RA3DX W0FLS	289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	N2LT SM6CTQ US5WE UY5ZZ W0BV W2YC	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ SP6AEG UW2ZM	W1MK
296 DF2UU F5NTV G4PWA JA2JPA ON5NT RY9C W1JZ	288 PA3GCV SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY HB9BIN JA2PJC K1CP NJ6P S59Z W4TO	274 G3TXF K1ZZ KF2O W6UB	266 G4OBK K8PT NR1R R3LA W8TE W8XD
295 K3UA	287 DL1RWN G3XTT N2QT VA3DX W4PK	280 EA6NB SM4DHF SP6HEQ YO3APJ	273 IK8HJC JA8ISU K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA6YQ AA7A RW0LT SV8BHN YO5BRZ
294 DL1AMQ JH2FXK LA5HE RJ3AA SV8CS WD5COV	286 CT1APE DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	272 9A2EU CT1EKY DL1DUL DL2OE OH1LEU SP6CIK	264 IK2YCW K7ZV SP9JZU W1GL
293 N0TB S58T	285 G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W RU3FM UR5WA	271 EU7A G4GED OZ1CTK SM5KNV	263 IZ1ANU K9OW LA5IIA W2SM W3AP
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W8TOP	284 K5XI SP3DV	277 AA4MM DJ9VA F6AOJ HB9AMO IK5BAF ON7TK SP9DWT	270 JA5AUC OE5KE	262 EI7BA G0DQS IK5HHA K4XP KR9U W1YY
291 9A7V DF3GY IZ0AEG KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	283 JA5EXW JH4IFF N7NR NA0Y NO3M R3OK	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ VE2TZT	269 K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX K2EK K5KC N3NT N6SS NO8D SP1S SP5DIR
290 UA3AKO	282 DL1YD I0WDX K4SO K8KS K9CT		268 DL5DSM G3WPH RA3XDX RK4FD	

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K4DY
KX4R

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DF4PL
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G3ZSS
I1FQH
R9FM

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KW9A
N5KD
RN3CT
VE3QAA

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W9YSX

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JA5BZL
JH1GZE
K1QX
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K8FL
N8TR
PA7MM
W1TSP

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KY7M
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R5AJ
UX0FF
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W3DF
W3KX
W5OZI

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S58Q
UA1OMS
W0YG

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EA1DR
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JA2VPO
JF2MBF
JG3QZN
JQ3DUE
ON4AOI
PA4VHF
R5DT
S52F
W3UM

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DL9RT
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PY2RO
W5UN
W7LR

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HB9RG
NQ1K
OZ8BZ

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AI9L
IV3ODE
JR3IIR
K9NW
SP5DRH

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K3WW
K5RX
K9RX
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SM3VAC
SV8GFW
T77C
UT9FJ
W9NGA

247
AB3CV
K0IEA
K6XT
NN4X
NO2R
R7IA
WB3AVN

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DJ2TI

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N6TR
TF4M
W2TQC
W5XZ

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K2FF
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RL9F
RY7G
W9XY

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F6BLP
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JA1HGY
JA7QVI
ON4IQ

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DK2JX
DK3DG
IK0MHR
ON4ATW
S57A
W9RPM
WX4G

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EA4KD
KG7H

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JA1SYY
JA3EMU
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N7RT
OE2LCM
OK1DWJ
SP5GRM
UA3TT
VE1YX
VE3NH

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LA2XPA
UR5MID
VO1NA

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K1HTV
KH6AT
LY3UM
RN3QN
RU3QR
SV1ELF
SV1RK

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DL8WN
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IK0XEZ
JA0DAI
K1DG
RA0FF
VO1HP

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NI0G
OM4EX
UR5EDX

236
AB4I
K1JO
K9NR
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OK2ZI
OZ4O
SP8AJK
W3LL
YO9HP

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CX6VM
EA6VQ
JH4ADV
K3SWZ
K5EK
N6DX
OK1CF
R7DX
VE3XN
WA7NS

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AC4G
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NV9L
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JA0FSB
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VA2WA
W7AO

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JA8EAT
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N7NG
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W9IXX

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KD0Q
N8JV
SM3NXS
W4GF
W4VQ

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DJ4AX
JA8FKO
JI1BEX
OE5NNN
RO7T

228 AF9H AI0O E72A EA1N K4HB N2WK OH2BEN UW5ZM VE3DZ	IZ1LBG N0AV N8BM SP5INQ VK6VZ W2RQ	OE8RT RA3WDK SP4K UT7UV WA2UUK	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST LA4GHA NA2M RU4SO W0LYI W1FJ W2WG W3YY	N9LB VE1DX VE3LYC W0ZR W7KNT
227 DL7HU ES1RA IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW W1TC W9BF WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO ZS4TX	218 DJ4PI DK0PM IK1YDB JA8CDT K0EU K5UO UT4MF W5PJR	212 AA9A DL9GFB F6DAY JH0INP K4MQG K8ZH KE9I KG6I KV7K LA7JO N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF WS9V	208 G3NSM I4LCK JA7MSQ JA9FPI JF4VZT K2FU K5RT N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
226 I3BUI JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG US0SY UT5JAJ VE6WZ W0VTT	222 DF6PB IV3JVJ K3SV K6EID N5AW N8PR N9BX SM0CCM SP7GAQ	217 DM5EE K5PC ON6YH UA3AGW	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW W0LS	
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK SP8NR VA5DX W7KW WA7NB	221 K4MWB K8FH K8SIX MM0EAX N6VR W1ZK W6JRY WS6X	216 JA6LCJ JA9PPC JH1IFS K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 IK4DRR JA4DEN K3WA RU3SD UR5FEO WA5VGI	206 IK0IOL JA3PIS K2VV K5AQ K5MC KG9N N8DJX SM6BZV US0KW VE3BW
224 DL5WW	220 AG8B DK2NG HB9LCW HL5IVL JA2WYN JJ3PRT JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY	215 AD5A K3JGJ LA7GIA N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JJ2LPV UW7LL W7JW	205 F6EXV I4KDJ JA3AAW K8AC KA9FOX LA7HJA PY2XB W8UN WB8ZRL
	219 IK3VUU JA2FBY JA2FJP JF3KON LB8DC	214 DL7BA HL3IUA IZ8VYU JA2JW K4NA OK1DX RN7G W4NL	209 DL5CF DL9MRF EA1RT EU1KY HB9CXZ HB9DDZ JA0UUA	204 DJ5AV IK7NXM JA9NFO

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KK4SI	AG4W	ND0N	K4FJ	
LX2A	G0OIL	RA9CMO	K5XX	187
N4NX	JA1GTF	RZ4FO	K7GM	AJ1H
N7FU	JH2RMU	W0FS	K9EU	K0SR
UA0SR	K1GE	W2FCR	KF7PG	K6SRZ
US6EX	K9US	W4UM	N4DB	KL0S
W2HUV	K9YY		N5LZ	KN5O
WD8PKF	LA5YJ	195	W3UA	N2NS
WF4U	RW4NN	EA3JL	W3YQ	NE1B
W18A	RW7M	EA5RM	W8LGJ	OK1CZ
	UY0ZG	G3ZEM	WN6W	SM0NJO
203	W0DD	JA1EOD		W7AWA
JA2XYO	W0MHK	JH1QAX	191	
JE1PNX	W2IRT	JN7FAH	JA1ANR	186
K4XO	W3GG	K7SO	K0JGH	9A8A
K9MMS		K9RT	K8FC	IK2QPR
KK2I	199	KF8UN	K9LA	JA8DNV
PA0A	DK2LO	N1SV	RK2FWA	K0BJ
R6AF	G0BNR	NK1K		K3PA
W8GC	HB9DDO	W5ZG	190	K7LAY
	JA2DPC	W9OP	CT1IUA	YL2TW
202	K1GG		IZ8XQC	
AA5AM	K6GXO	194	JA1DUH	185
DL1MGB	N4DW	K4KDX	JA1MCU	AB6QM
DL2KQ	W1TO	K9JF	K2TE	EA6BF
DL9DRA	YO2DFA	KB9LIE	K9KU	G3KWK
JA2JNA		KC9ARR	KM1D	IK3SWB
JA3CSZ	198	LA7AFA	N4XU	JA2LCP
JA5AQC	DL1ROJ	W1NT	N5GH	K5ZD
JH3VNC	G3UJE	W2LO	SM7GIB	N4TJ
J12KXK	G4BUE	W4FC	SP2LNW	N5UR
K2NV	IT9JNR	W9OO	VE7VV	OE2BZL
K3LR	RX3APM	WD8JJA	WE9R	SV1DPI
LY1G	W8HB		XE2X	UA9CBO
N5ZM		193		
N7KA	197	DF2GH	189	184
OK1DOT	G3SNN	DK1FW	9A2F	I2AOX
R9TO	I5KKW	DL5ZB	EA8PP	JA2ZL
RA3S	IK0FVC	DL6ZXG	FM5CD	JF1NZW
SM2OAN	JH2UVL	EA3WD	JA0VSH	K4HGX
UA9FAR	K8NVR	HA5BSV	SP7HOV	K5KLA
W7DO	OE4PWW	JA0EOK	UA7T	KB4ET
WA2HZO	OE5FIN	JA1XEC		OH2IS
ZL3IX	ON4CD	K4ODL	188	S57AC
	RZ6FA	KB8VAO	AA1ON	US8UA
201	UA0SC	N9EN	AB4IQ	W2YJ
CU2DX	UT5EL	PA0LOU	JA1KQX	
DL1EJA		RN1ON	K0BBC	183
F4BKV	196	UA0CA	KB0EO	CT1FMX
JF1PUW	4Z4DX	W9MU	KB1EFS	CT3MD
JO7WXN	AA4HP	WA2VYA	KE9ET	IT9INO
K3HP	IK4PLW		N8LJ	K4CN
N4QS	IZ8FWN	192	RM0F	K8VC
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	JA4PXC	JA7JWF	W8JV	N9MB
	K8PO	JH1RFR	WA3C	NN2L

ON6SAS	NE0U	JA2XW	N9RC	K6KO
W2FP	SM7DLK	JA7MOL	RA3DNC	K8NK
W8NW	SV1JG	JF7DZA	SV1LK	K9MBQ
182	W6NWS	JK1OPL	170	N0IJ
DJ9ON	W7MEM	JR6PGB	DJ6TK	N3BNA
DK3UA	ZS1LS	K0TT	JA6JPS	PA3C
HA5WA	177	K1KI	JF1WPB	RA1AOB
HK3W	9H1SP	K2KA	JM1GYQ	RN9N
JA1SHE	AE5E	K3AJ	JR7BDQ	S51EC
K8RRT	CT1EAV	K4TR	K6ZZ	SP3FAR
UR3EO	CT1GFK	K4WS	KI5BLU	UN9L
W1YM	IK4ADE	OE1WHC	N4PY	VE6WQ
181	JE1BMJ	RN7F	SP3GTS	W1YW
DK3WW	K3WC	UA3LNM	SV3KH	WA0MHJ
JA3ENN	K9NU	W8UV	W3IP	WA4LOX
JN4MMO	SM6DHU	W8VVG	W9EVI	WC5N
K2EP	W2OR	WT8C	WA3AFS	166
N3OC	W5LT	173	169	4Z1UF
VE3OSZ	W7FI	5B4ALJ	IK0PEA	DJ4SO
W9AJ	WB7B	I1JQJ	JA1ADT	HB9FMN
180	176	JA1PPW	JG0CQK	IV3TDM
DM2DXA	CT1FPQ	JA9TWN	JR1IZM	JA1FNA
DM3VL	EU1AB	K1NTR	K1LI	JA9LJS
EA8JF	I6FLD	K4XR	N1EN	K1KA
JA2BDR	JA0DET	KA1J	N4XX	K3KY
K6SSS	JA5IU	N5FG	N7US	K4JLD
K7BG	JA6BJV	PY5EW	UT8MM	K4PB
LA9AJA	JA8KSF	W8HC	UY5AA	K4ZYU
N1RR	JL1SAM	172	WB3JFS	OH2BLD
N4AH	K8MN	G0BLB	168	RM3DA
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W1RM	RL3FA	JA3FGJ	JE2LPC	WA8TXT
W7BEM	SM5FUG	JG3IWL	JE7JDL	165
W8TN	W4BP	K0DEQ	JF2UPM	DL7UCX
179	W4GD	K1BD	K5QY	EA7TV
IT9ELD	YO7NE	K6FG	K8RYU	I2ZGC
IW0SAF	175	KJ0M	KR4F	IK0AGU
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N2PK	JA9NLE	W4FQT	N8BJQ	K5JZ
OK1MG	JS3CTQ	WC4X	PA7F	KK4CB
S57UN	K4DLI	171	SP5GH	N9FN
SM4DDE	K5GKC	AA9D	W4SVO	NY0V
SV3FUP	N7IR	DL6KR	W6RW	RC9F
W8KEN	N7XR	G0EHO	W6VX	SM4CTT
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EA3CJ	TF3SG	JR1TNE	WA5YNB	W5BN
JA4MRL	VE3FF	K1NU	167	164
JE2URF	WX0V	K9YC	DK5AD	GU4YOX
K2UR	174	LA5LJA	JA6VQA	HA7UW
LA0FA	4Z5MU	N0RN	JE3ENP	HB9BZA
	JA0GJJ	N4OGW	K4XD	JA1RTX
		N7RO		JA7ZP

JH2SON	IK0FUX	JA1GHH	YS1RR	SP7AWG
K1NJ	IW2FND	JE2DZC		SV9AHZ
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RN3OG	JF2XGF	N5MOA	DL3ZA	WP4G
SV2AEL	JR7MAZ	NE9Z	G3TJW	
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	RU6L	SV8ZS	JR9OPJ	IV3RAV
163	UA0FZ	W2TA	K7SP	JA2NQG
9A2JK	UX5UO	W5GZ	K8VFF	K0RS
DJ9HX	W1BR	YV2IF	N4TV	K7LV
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	JH7CFX	K0QC		SV1CNS
162	K4RO	K8YSE	152	UA6YW
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JA6GIJ	W6BJH	UA3SAQ	KQ4AV	149
LB6KC	W7SX	VA3LX	KS3F	DL7CX
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RW3RN	WD5BJT	W4TV	S55ZZ	IK4FNF
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W0TT	158	155	UN7LZ	JL1ARF
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	JH1TWT	K4RG	W6RLL	K8ME
161	J11FXS	K4WA	W7AJ	K9MK
DK2GZ	J11NJC	NE0DX	WB3CQM	R8TX
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HB9DHK	K5TT	SM6VR	151	UW7UA
JA1DOF	K9GA	WE1P	AA7G	W0GG
JH4CPC	OZ1HX	ZS6EZ	DK2OY	W7HPW
K1USA	RU6M		EI9JF	WB8B
K5GO	SM4EMO	154	F3SG	WD5K
K8ND	W0SZ	3V8SF	IZ3ENH	WS5W
LB2TB	W1OX	GM3PPE	JA2VQF	WW2DX
N4GN	W2XL	HB9BUN	JA6BEE	YO3DDZ
OH6RA	W3GQ	JA8NFV	JH1NYM	
VK3HJ	W4QN	JR3OEH	JR1XIS	148
YU2TW		K0KVR	K2AX	DK2CC
	157	N7WS	K2FW	F5CQ
160	AA4H	NX8Y	KR2Q	F5LVL
AD5Q	AC6DD	W1NA	N5JB	HB9SLO
DK1WB	DL6MRS	W2XI	OK1ATP	JH1QDB
DL1DA	EA5BY	W5DNT	RD3A	K5VWW
EC3A	G3TQZ	WB0TEV	RU3A	N2WB
EI6FR	G4GIR	WS7L	S54A	NE3F

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W5FKX	EI6IZ	W5ADD	J11DCW	WB5JID
W9JJB	GM3ITN	W5LUA	K3ANS	
147	HB9BYQ	W5VQ	K6AM	136
EA3GP	I5MXX	WA5POK	K8GI	CT1FCX
F5PAC	IT9GSF	WB8CQV	K8RF	E72U
IV3VBM	IZ4GWE		KA8SYV	ER0FEO
JA1XQC	JA3GN	141	KU0A	HB9IQB
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K7HP	K0VSH	DL5MHQ	OK1MP*	JH4HMG
K8UT	K5TR	EW1BA	OK2QA	K0TV
KM1H	KD0PO	JA1PTJ	SM5CBM	K7TM
N1IBM	N1IX	JA2ATE	SV8ZC	KR6C
PC3T	N3KK	JA9RRH	W0SD	N2ZN
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W2KKZ	SM5CLE	JL1UXH		SM5OJH
	W4GE	K2RW	138	SP2BMX
146	W7ZI	N8OC	DK8MCT	UT3UZ
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G4FTC	WC5M	OE6VIE	EI9FBB	W2OIB
JA1HQG	WD5T	SV3FUO	F6DDR	WB7QXU
JA4DHN	YO3CD	W2CG	IK8EPC	
JH1GNU	143	W3BW	JA3OOK	135
K1CA	DL1DUO	W4JVN	JF3LOP	5B4MF
K5KV	DL6EN	W4VIC	JH7RXU	DJ9ZB
K5SM	HS0ZEE	W4WT	JK1AJX	F6FXU
K6NR	K7CMZ	W8HW	K1RO	IK8GYS
K7WP	K7CW	ZS1C	K2RET	IV3DXW
LA6OP	K8ROX	140	KJ6P	JA7LMZ
N7BT	KJ9C	9A1CAL	LB5WB	JA8BNP
RU0SN	LZ2ZG	DF2RG	NA5C	JA8JL
W1IZL	N2RJ	K5WK	ON6AA	K1ZE
W1ZT	N2WM	K6KLY	OZ8X	K7FL
	N5UW	KF8DX	RW4CY	NZ9R
145	N6PAT	N4XP	V51B	OH1JP
AF4HX	NN4R	N6PSE	W1GD	R7LP
HI3T	W0IZ	OH6NIO	W2YE	RN3RQ
I0JBL	W6QUV	ON7DR	W4YV	SM3LGO
JE6TSP	WB8ZRV	UN1L	W7OM	SM5CZK
JJ3HGJ	WD9DZV	VE6SV	137	SP3XR
JN1BMX		W0SEI	DS1JFY	W1DIG
K1OA	142	W4NU	EA1YO	W1EQ
K3VAT	I5HOR	W7IV	GM3YOR	W2GD
K4OY	IT9BLB	W8GNM	IZ0RVI	W4BUW
K8BL	JE1FQV	W8LWU	IZ2FOS	W4MBD
KF6HI	JR7WFC	WO2T	JA3APU	W4RFZ
N1CGP	K3PP	YL2MU	JA4OK	W6JTI
N4GG	K4WZ	YO9FNP	JH4JNG	WE4S
N5XZ	KK1W		JR2LJO	
RT0F	LA9VFA	139	K2QMF	134
SM3DTR	MM0SAJ	CU2AP	K6EME	CT3HF
	N7QT	DF7EE	K8NS	IK4DCS
144	NA4D	DJ4XA	RA3CO	JA7LGE
CU3EQ	NQ7R	DL5EBE	RG7G	K1TO
DL5CW	NY2NY	DL8OH	UU1JA	K3OX
DL5KUA	OK1DO	JA1TMG	W1ITU	K7XB
				KX4TT

N9MR	W7AH	129	KM3T	JL1RUC
N9RS	W7CD	HA1RB	KM4NS	K1HAP
NA5DX	W9FR	HB9AZZ	N1AC	K5KG
OE1TKW	WB3D	JA1NWD	N1GC	K8DV
PY5HOT	XE2S	JA8JO	OE8HIK	KA6BIM
RG6G		J14POR	S51NM	KI4WCQ
RX4HW	131	K3NK	SK7AX	LA9GX
SM0BYD	DK7YY	K4TT	SP6A	LZ1XL
UA0ACG	G3UHU	K6XM	SP7ASZ	N2KA
W4JKC	HB9FMT	N0YY	W0CP	N3EN
YU1AM	HS1NGR	N3KS	W0RT	N4JT
	IV3KFB	N3RR	W0YVA	N9RD
133	JA2TBS	PY5EG	W3BG	ND5S
9K2NO	JJ1TEA	W7QHE	W3MF	NW6S
EU1U	JM1FHL	W8MET		OE1AZS
HB9CQK	K1UU		126	OE3SGU
IZ8DFO	K5VIP	128	DJ8WD	RA0BA
JA7GLB	KC2LSD	AA4SC	DL9FCY	UN7JID
JA9AGN	KH2L	DM2RM	F8BPN	UU7JM
JR7FRW	KM3V	IT9ZZO	G4IUF	VE3UTT
K1ZN	KM4H	IU0HDC	IZ7EVZ	W5DAW
K2CDJ	N3MK	JA2AHH	JA1XCZ	W8LMG
KS4YT	N4QWZ	JA2KSP	JA7KY	W9CG
KU2A	N5PHT	JA9AA	JH3CUL	YO2RR
OE1KM	N6RK	JE1LFX	JJ1DWT	
RA5BM	ON4ON	JH4GJR	JN1RQV	124
RV4LC	R0SR	K0FF	K2ZD	AA7XT
SV5DKL	R9MJ	K3XA	K4JKB	IK3VBB
UQ2PZ	R9SA	K4JAF	K4XU	J11DHY
VE3WT	W8DCH	K4SE	LB7ZG	K4ZO
W0NFL		K6LPO	N8NA	KD4POJ
W2QO	130	KG7CW	OK3CQD	NA2U
	DF9ZW	N5KM	PA3EWP	PA0TCA
132	E73M	OH1ZK	PA5TT	UA0BA
AA4NC	EI2JD	OZ1IKY	VE3CX	VE1DUN
AB9M	G7VJR	R9SG	VE7BV	W1OPD
AD6W	HK0HEU	S53X	W8MK	W2JU
HB9RYZ	JA2FBC	S55DX	W8REW	W2RIJ
IT9RDG	JG1DUZ	SM3GQP	W9ILY	W3FM
JA2KVD	K2MYR	SV3DCX	WB0O	W6CYX
JA6CBG	K6SIK	VQ9LA	WB2REM	
JR6FC	K7LFY	W2WC	WD4LBR	123
K6YUI	K8BCK	W4IS	XE1KK	AB1OC
K9ZM	K9GL	W6RKC	YU1EXY	AC4TO
N6HY	NA4EA	ZS1A		DL7JRD
ON4CAS	NO9E	ZS6UT	125	F4GTB
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SM4BZH	R3VA	127	AG1A	G5LP
SM6BGG	R5QA	HK1MW	GW3TMP	HB0WR
SP6M	R9AB	JA1DDH	HK4SAN	IK2CHZ
VE3CRG	RU1AO	JA1WLO	IK5DNF	IK3XJP
W4AXL	TA1CM	JA8RJE	JA4IYL	JA0CRG
W4RBO	VE3DO	JA9KRO	JA6VU	JA1SJV
W4WM	W2MPK	JH3AIU	JE1TSD	JA3MHA
W5AJ	W9ZT	JS2LHI	JE6UWU	JA6WJL
W5SL		K0RW	JF2WXS	JR1EBE
W6DR		K3TRM	JH4ADK	K2PK

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K5GH	UQ1GWW	AE3T	TA2RC	JA1WTI
K7UT	UT4EO	AJ4A	VK4CAG	K1DC
K9CS	UU2JQ	DK3GG	W1KSZ	K1RI
KV4T	VA3AYA	EW4M	W4DAO	KT1V
N2ED	W0QQ	G4DJJ	W4NF	KV1J
N4DWK	W2GG	HB9AAQ	W4NJ	PA0JSE
N6MZ	W3RJW	HB9BCI	W5JMW	RV3ID
N9JV	W6XI	I2TZK	WT4Q	TZ4AM
N9LQ	W9XX	I4MKN	YO4AUL	UA4PCM
NA2P	W9YE	IU0LFQ		VA7CRZ
S50B	WA1PMA	JA3AZD	117	W1ENE
UA3DK	WY1G	JA4XGC	9Y4VU	W1WEF
UT3QU	XE1VIC	JE2JMV	AE0P	W7GG
W1AO		JH6CDI	BH4IGO	W7OEV
W8NJR	120	J14WAO	DL1DWT	W8LRO
WB8K	9A5F	K5UZ	IT9AAI	WP3R
WV4TN	AC9EM	K7EG	IT9DAA	WQ5L
XE1H	AL7TC	K8KWT	JA0AOO	
	DL2VWR	N0KV	JA1HQT	115
122	EI2GLB	N8PW	JA4FM	AA5JF
BA4RF	FG5FR	N9UA	JA7GYP	C6AGU
G3NDC	HB9BLQ	NT2A	JA7IC	CU2CE
JA1MRM	IZ0LKV	NY7T	JM3GXU	DL9GOA
JH1AGU	IZ5NFD	OH5NG	JR2UBS	G4XEE
K1ESE	JK1EXO	OK1DT	K1BZ	G8BCG
K1YT	JR3UIC	R6FFB	K2BB	G8DX
K2MP	JR6LLN	SV1ACK	K6PJ	HA5UK
K7ZA	K2BA	SV1IW	K7PI	IZ7JVR
KR0P	K2HK	W0RX	K8OOK	JA2KNW
LA7WCA	K3QIA	W4HZ	K8QM	JA5FDJ
LA8PT	K5JC	W8FIB	N2BJ	JH1RFM
N9AW	K6FW	XE1RCS	N3ND	K0GD
NA9RB	KA8ZPE		N4IR	K0SD
NN7X	N3NR	118	N6MB	K4CMS
OZ3Y	N4BAF	5T5PA	N8AA	K4GHS
RD4A	N4LR	AA4DD	N8XI	K4GK
UU4JMG	N4TB	AB2E	NY4G	K5XM
VE6AX	N4TL	DL5OCE	SM7BIC	K8YTO
W2TB	N4UFP	JA4FHE	SP8HKT	KO8SCA
WA3I	OE3EVA	J18DGO	UA6J	LY4T
WA7BNG	OZ2A	K3FRK	UB3A	N0IRM
	PZ5RA	K3WGR	UR9IDX	N4OA
121	RL3BZ	K4CNW	US1CT	N8KOL
AA6RR	SP6JIU	K8LN	W4ZRZ	PA3AXU
CT3KN	SP7ITB	K8WVA	W6SL	RZ6MJ
DF1DB	UR5IKN	K9DR	W8ZR	UA1ANA
DK1EI	UR9QQ	K9SG	WA2USA	UA1CGS
DK6CQ	US0YA	KD2T		UA6XT
HB9DHG	W2YR	KD6UO	116	UN6T
IK2SGB	W3OA	KG8CW	AJ4F	VE3YF
JA2HYD	W4PRO	KV4AA	DL7URH	W4UCK
KD8RQE	W6RFL	LZ2HM	EA5BRE	YL2CZ
KG9Z	W7RN	N2MM	HA7PF	
N0OK	ZL4AS	N4DJ	IK0EIE	114
N1JP		PY2PA	IK2OHG	BA4DW

BA7IO	NG0G	N5ZC	N9HF	OZ1LCG
CT3FN	NI5F	N6MA	NA1DX	RD9M
CU3AK	NK5B	N6PE	UR6QA	SM5BHW
DL6NB	ON5UE	NA9Q	UT1UY	SV1VS
F6CWA	R7NA	RU4SU	VE6KC	UA3O
G3SDL	RA4UN	SM3DMP	VE7CT	US7MM
HK3PJ	RZ3AUL	UA1ACG	VE7UF	W0UY
HP3TA	SM5ARL	UA1CEI	W0VHF	W3XY
I5OYY	SP3EPG	UT6UD	W3FOX	W4DC
IK7YZG	SV1FKZ	VE7XF	W4HOG	W4NE
IW0HEX	SV1JFV	W1HEO	W4OX	W5ZPA
JA4KDT	SV2AVP	W2CVW	W5AQ	WB4TDH
JA5WIZ	UN7TW	W2SKI	W7VS	WL7E
JH6WMJ	VE3KI	W3MR	W8KA	XE1FAS
K1RV	W2GW	W3UL	W8MIL	YU7AU
K2DC	W5VY	W4VHF	W9RB	ZL3NW
K3MD	W6BK	W5VX	WA2BOT	
K3NF	W8FAX	W6TC	WA2MUA	109
K3OSX	W9DX	W8GEX	WB9EEE	DF1KG
K5RJ	W9VNE	W8HMK	YL3DQ	EA3GHZ
KB8U	WA4DOU	W9SE	YO6HOY	EU4T
KZ4V	WB2HJV	WA8MCD		F8EZE
N1QY	WB2UFF	WA8OLN	110	G3SVD
N2JJ	WS4C	WC2K	BA4MY	J68HZ
N3MN	WX3P	WT9U	DG7RO	JA2CXF
N4IQ	XE1RBV	ZP6CW	DL1VDL	K2ONP
NU8Z	ZL1BYZ		EA5BYP	K4RDU
UA3FT		111	F5BAR	K5FZ
W0VX	112	AA4U	G3LNS	K5KA
W4TUN	A92IO	AB4GE	G8AJM	K5KPE
WA1FCN	DJ1RL	AF4OX	HC1BI	K6MW
WA9YYY	DK5RL	CU3AN	I2BBJ	KE1F
WN9O	DL5CL	DK2WH	IK5RUN	KZ5DX
XE3ARV	EA1JO	DK6ED	IK8UHA	N1BZ
	EI8IU	DL1HRN	IZ0CKJ	N7TY
	EW1DO	EV1R	JA7EPO	N8NN
113	G3XGC	F6ECI	JE2UFF	N9ISN
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DJ5DT	HB9CRV	G4DBN	K1EO	NN4RR
DJ9RR	HB9EFK	HL3GOB	K2BLA	NU4I
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EA5KA	IZ4DIW	JA1FGB	K4WW	RW4UU
G4AFJ	JA1SXR	JA1NCZ	K6MI	RW9QA
JA0GCI	JA4BXL	JA1OVD	K6VKO	RX3AGD
JA4ITW	JA7BXS	JE2EHP	KB4MRX	TG9NX
JH1ORA	JG3LGD	JE8TGI	KC2STA	UB5ZAL
JH3GCN	JR7TEQ	JF2WGN	LZ1PM	UT7KF
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K8SL	K0TPP	K5WAF	N3HBX	W5WP
K9FN	K1KO	K7ORK	N3IQ	W9FI
K9GWH	K4UAS	K9AJ	N3JB	W9HBH
KA4RRU	K8CC	KM1R	N4KE	WB5TUF
KH6DX	KB2FCV	KZ0X	N5BO	WN0L
KI0G	KI4DLS	LA0CX	NC6K	YV3AGT
KT1J	KM1C	N4WJ	NK7C	
N7KO	LA8HGA	N7BD	NY4I	
NA3F				

108	DO4DXA	IW3GJF	DL4ZAB	WQ5W
AI2Q	EA5AT	JA1VLK	DL6XK	YU1NR
AL7R	EA7QW	JA2MNB	DO1CTL	
DL6CNG	FG8OJ	JE6IGP	ES1GO	104
ER1LW	G4AKY	JG3HBO	G3YUV	9K2OD
G3VAO	G4RGK	JG5RVQ	HA8FW	9M2AX
HB9BAT	H18R	JH2KKW	IZ2EWR	AD1C
HB9FAN	I5IHE	JJ0NCC	JA1BWA	AG4Q
IK0PRG	IT9XTP	JR0EQQ	JA1TAA	AH0U
IZ0BTV	JA5EY	K0DEW	JA4EVN	CP8HD
JA2MOG	JA8JTH	K1EDG	JA6VA	CX3CE
JA3NHL	JH9DRL	K1PX	JA7BME	DK3BK
JJ2PIK	K0MD	K4DSE	JA8RRF	DL4FAP
JK1MZT	K3SW	K4SAF	JA9APM	DL7UPN
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KM8AM	N8AGU	N2WLG	K7OX	JA1SDV
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LU2DKT	OE1CP	N8AID	K9RO	JF1EGO
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N6RFM	OK3CQR	NI5M	KK9H	JK1BSM
N9TF	R0FA	NS3L	KT2E	JO1WXO
NU4Y	RN4AA	OE5CSP	KX2A	K0WK
PA0ZH	RV6ARZ	OH2OT	LZ1JZ	K1BG
R5FY	SP3BQD	OK1AYU	N2DPF	K3FM
R7LA	SP6AXW	OK2BVG	N4JI	K4KEW
RX6DX	US5CB	S57AL	N4NW	K4MF
S57J	VE3OI	UR3CRO	N4PL	K4VIG
SM6AOU	VK3NX	UT7UU	N4SC	K5HK
SP9WZS	W3KB	UU5WW	N4VN	K6UM
UX7UN	W6TDX	V73AZ	N6NU	K7TJR
UZ6LWZ	W8IW	VQ9SS	ON7PQ	K9EA
W2UB	W8VK	W1CWU	OZ4AAL	KA2BZS
W3NRJ	W9CPV	W2EQ	PF7M	KH6KG/W5
W4ZYT	WB6CJT	W2LE	PJ2/K8ND	KI0KB
W6KK	WB8ART	W2NO	PY2DS	KW0A
W7ACD	WS1L	W3ICM	R6YY	LZ2XF
WA2ALY	XE2YWH	W4IR	RA6AF	N2SQW
WA4CEM	YL1XZ	W5JAY	RD4WM	N3ER
WA8MOA	ZL3RJ	W8OP	SP5JXK	N3TR
WB8BZK		WA4MYO	UA6LCN	N4GU
WC1M	106	WA6TLA	UR1RWX	N4TTE
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WW1WW	AE2U	YL2GN	VE1PZ	N8MZ
	DJ6OZ	YU3EF	VR2MY	N9DR
107	DL1QQ		VY2ZM	NJ9C
4Z5LA	DL2NOM	105	W1LE	NN3Q
DJ8ES	DL3JSW	DF2PI	W1LY	RA1QX
DK3FB	DL6JZ	DF8AA	W4OWY	RU3UR
DL2CHN	EA3CCN	DJ3XD	W5KI	RZ6DX
DL5XU	HA8DZ	DJ6KH	W6FF	RZ6LB

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SO5AS	KJ7WY	I8LWL	WA1S	KQ1F
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US5CAO	LX1DA	IZ4MJP	WS4Y	LA2GV
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UT7EC	N1HOQ	JA6OXT	YO2IS	N0STL
UX4UM	N9BBQ	JA8OW		N2AJ
UY0MM	N9SF	K0YN	101	N5AQ
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W1QA	OH4UI	K2TK	AA4NU	N9JCS
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I0OSI		UA1AIR	K3SEW	VE3XB
JA2GQO	102	UA1CKC	K4NNX	VK2GR
JA2OLJ	A6/RV6LNA	UA6HOF	K5DNL	W1AW
JA3FHL	CT4BD	UA9MR	K6AAW	W1FC
JA8EJO	DK3QM	UA9UCO	K6XJ	W1GF
JH1DGQ	DL3DXX	UW7CN	K7AR	W2SF
JM2RUV	DL3NCR	VE2FYR	K7IA	W3WH
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K4LQ	DL5RDI	W1PV	K9JU	W7AV
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WR2G	K8CR	S59SV
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YO6BHN	K8LE	SV2DSJ
YV4DYJ	K9NZ	UA3AKI
	KB0EL	UA4PAY
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9M6YBG	KC4D	UN6P
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AB4VV	KD9HL	UR8IDX
AC4VM	KP4N	US8UW
AI2S	KQ5M	VE1RGB
DJ6OI	LA6UL	VE3OAT
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DU7ET	LZ3YY	W0GYH
EA1CP	MM0SJH	W0MU
EA2AAZ	N0AH	W1AN
EA3ALD	N1KI	W1YRC
EA8AXT	N1MD	W2CCC
EC5A	N2SG	W3BBO
EI9E	N2XQM	W4HHN
ES5NC	N3AF	W4MAY
FM5GU	N4CRI	W4OEP
G0VXE	N4ZR	W4OV
G3OIL	N7DED	W5BK
G4CGG	N7TK	W7DT
GM3ZSP	N8IL	W7JET
I2VGW	N8NB	W8CNL
IK0HFO	N9ADG	W8FN
IK4MSV	NA6O	W8GDQ
IS0/YO3RA	NB3R	WB4SON
IW0BYL	NG7A	WU2M
JA1BRK	NJ3I	YB1TJ
JA1CPU	NN4SS	YL2SM
JA1ILA	NU1T	YO9FLD
JA1JAT	OE5JDL	ZP9MCE
JA4FSH	OK1DXD	ZS2DL
JA5DQH	OK2PAZ	
JA9CGW	ON4ANN	
JH7BKN	ON7EH	
K0FLY	ON7GB	
K0LB	ON9CC	
K0XM	OZ1ZD	
K1NA	PA0INA	
K1NZ	PA7RA	
K1TZQ	R3PJN	
K2CBI	R9JX	
K2CYE	RA3SD	
K3TZV	RA4LW	
K4FT	RA6XB	
K4KSY	RC2A	
K4QS	RN1A	