

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 09 Feb 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 OH3SR S50U W1JR	309 UT5UGR W5IZ	302 DL4MCF GM0GAV GM3YTS
341 EA8AK	324 K2TQC OH2BO W1NG	314 IK4GME N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	308 I4EWH IK4MGP IV3PRK K4SV K8GG	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E
340 K1ZM	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT UT3UA VE3EJ	300 G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF
339 W4DR W4ZV	322 K4PI UX0UN W3UR	312 OH1MA	306 EA6SX K4CIA SM0AJU WT3Q	299 JA4DND K4TEA N1BUG OE1WEU SV1FJA UX1UA W7UT
334 N4WW OH2BU	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS NN4T UA6A	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
333 R7LV	320 SM4HCM W8UVZ	310 I4AVG KJ9I RA3CQ SM5BFJ SM6CVX	304 CT1EEB DJ0MDR SM3GSK	297 DK5PR N4CC
332 UR0MC	319 K8MFO N0XA SM4CAN			
331 K5UR	318 W9ZR			
330 AA1K HA0DU LZ2DF OH1XX UT7QF	317 W3LPL			
329 K3UL UA4HBW	316 4X4DK W2VO		303 F5LGE JA1BK JA4LKB K1UO YU1FW	
328 R4GM UA4CC				

OE6IMD	289	SP3DV	275	W1MK
OM2XW	I5NPH	US5WE	9A1CCY	267
RA3DX	JA3ONB	UY5ZZ	F5NBU	LU8DPM
W0FLS	K0KX	W0BV	IK4CIE	RZ3DX
296	K4WM	W2YC	K2UO	
DF2UU	N8DX	281	K4IQJ	266
F5NTV	RX4HZ	DF2PY	OH3BU	K8PT
G4PWA	US4EX	HB9BIN	SP5CJQ	LA3MHA
JA2JPA	288	JA2PJC	UW2ZM	NR1R
ON5NT	PA3GCV	JA5EXW	VE2TZT	R3LA
W1JZ	RY9C	K1CP	274	W8TE
295	SL0ZG	K9CT	G3TXF	W8XD
K3UA	SP7VC	S59Z	K1ZZ	265
294	UA4LY	W4TO	KF2O	AA1V
DL1AMQ	W0JX	280	SP6AEG	AA4V
JA4LXY	WK3N	EA6NB	W6UB	AA6YQ
JH2FXK	287	NJ6P	273	AA7A
LA5HE	DL1RWN	SM4DHF	IK8HJC	G4OBK
RJ3AA	G3XTT	SP6HEQ	JA8ISU	RWOLT
SV8CS	N2QT	YO3APJ	K2CL	SV8BHN
WD5COV	VA3DX	279	K5BG	YO5BRZ
293	W4PK	IK4DRY	MD0CCE	264
S58T	286	JR7VHZ	RA3DA	IK2YCW
292	DJ2YA	N2TK	SM6CCO	K7ZV
G4BWP	IK1GPG	N5DG	UA3DPM	SP9JZU
JH4UYB	K3SX	SM6CNN	UX1AA	W1GL
JR2KDN	N3SL	UA6MF	272	263
OZ1BTE	PA0WRS	278	9A2EU	IZ1ANU
SM5AQD	UT7UW	DK0EE	CT1EKY	K9OW
SP3IBS	W8AV	F6BEE	DL1DUL	LA5IIA
SV1AOZ	285	IK6DLK	DL2OE	W2SM
W3YX	CT1APE	JA3FYC	SP6CIK	W3AP
W8TOP	G4CCZ	K5DU	271	262
291	HB9BGV	KG4W	EU7A	G0DQS
9A7V	284	UR5WA	G4GED	IK5HHA
DF3GY	K5XI	277	OZ1CTK	K4XP
KD9SV	UA3AB	AA4MM	270	KR9U
N0TB	283	DJ9VA	JA5AUC	W1YY
R7NW	NA0Y	F6AOJ	OE5KE	261
SM3NRY	NO3M	HB9AMO	SM5KNV	9A4T
SM6CMU	R3OK	IK5BAF	269	DL9YX
SP3E	282	ON7TK	K6ND	EI7BA
UA3LAR	DL1YD	SP9DWT	KD5M	K2EK
UT7UJ	I0WDX	276	RV3LO	K5KC
W5ZN	JH4IFF	DK5WL	W1ZC	N3NT
290	K4SO	DL7VEE	268	N6SS
IZ0AEG	K8KS	G3LZQ	DL5DSM	NO8D
UA3AKO	N2LT	N8RR	G3WPH	SP1S
	N7NR	N9IW	RA3XDX	SP5DIR
	SM6CTQ	OK1AWZ	RK4FD	
		RU3FM		

260 EA5BM K1LT K4DY KX4R	252 EA1DR IV3YYK JF2MBF JG3QZN JQ3DUE ON4AOI PA4VHF R5DT S52F W3UM	K0IEA N6TR TF4M W2TQC W5XZ	K1ZG K9OT LA2XPA UR5MID VO1NA	234 AC4G AJ6T IZ8FFA K1AR K4UTE KF0QR PY1BVY
259 DF4PL F6GCP I1FQH R9FM	251 DJ7RD DL9RT I1EIS JA2VPO JH0BBE N4II VK4MA W5UN W7LR	245 AB3CV DL4CF JA1GV N9US RL9F RY7G W9XY	239 G8VR JA5MHD JR3GWZ K0KT K1HTV KH6AT LY3UM RN3QN RU3QR SV1ELF SV1RK	233 AB4I EA6VQ JA0FSB K0CS K2UU KA7T SK3PY UA4HAU VA2WA W7AO
258 G3ZSS KW9A N5KD RN3CT VE3QAA	250 HB9RG NQ1K OZ8BZ PY2RO	244 AG9S DK6WL F6BLP IK0XBX JA1HGY JA7QVI ON4IQ	238 DL8WN EA6ET IK0XEZ JA0DAI K1DG VO1HP	232 JA8EAT K2AZ K4XL NI6T NV9L S51DI UA3AP
257 K1GUN W9YSX	249 AI9L IV3ODE JR3IIR K9NW SP5DRH	243 DK2JX DK3DG IK0MHR NN4X ON4ATW S57A W9RPM WX4G	237 DL7MAE NI0G OM4EX RA0FF UR5EDX	231 4X4NJ HA9RE IK0YUT JH1HGC N6AR N7NG ON4ACG W9IXX
256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP	248 K3WW K5RX K9RX N2NL SM3VAC SV8GFW T77C UT9FJ W9NGA	242 KG7H	236 K1JO K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK YO9HP	230 DJ5FI FK8CP JA1CMD N8JV SM3NXS W4GF W4VQ
255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI	247 K6XT NO2R R7IA WB3AVN	241 EA4KD JA1SYY JA3EMU K2FF K5ZK N4XM N5TY N7RT OE2LCM OK1DWJ SP5GRM UA3TT VE1YX VE3NH	235 CX6VM JH4ADV K3SWZ K5EK KA9CFD N6DX OK1CF R7DX VE3XN W3LL WA7NS	229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T
254 N0AT OM3DX WA4FFW	246 DJ2TI F2JD JF8QNF	240 JA0CRI K0JUH K1FZ		
253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG				

228 AF9H AI0O EA1N K4HB N2WK OH2BEN SV8CKM VE3DZ	SP5INQ VK6VZ W0VTT W2RQ	OE8RT RA3WDK SP4K UT7UV WA2UUK	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M RU4SO W0LYI W1FJ W2WG W3YY	VE1DX VE3LYC W0ZR W7KNT
227 DL7HU E72A ES1RA IK0HBN IK6FWJ JA1UQP JA9CHI K1FK K3NW KD0Q W1TC WB6RSE	223 AB0X HA7TM JH2TPI RT6T SV2JAO ZS4TX	218 DJ4PI DK0PM IK1YDB JA8CDT JF3KON K0EU K5UO UT4MF W5PJR	212 AA9A DL9GFB F6DAY K4MQG K8ZH KE9I KG6I LA7JO N1ZZ N4MM OZ1AXG SM5CZQ WB9CIF WS9V	208 G3NSM I4LCK JA7MSQ JF4VZT K2FU N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
226 JA2NDQ JA6BZI JF2KOZ JR6EZE K9FD* N6JV ON4GG UT5JAJ VE6WZ	222 DF6PB IV3JVJ K3SV K6EID N5AW N8PR N9BX SM0CCM SP7GAQ W9BF	217 K5PC ON6YH UA3AGW	211 IK4DRR JA4DEN K3WA LA7GIA NX0I RU3SD UR5FEO W1ECT WA5VGI	207 K1LPS K3JT K5RT K8EUR N9AU PY2BW W0LS
225 A45XR IW1ARB JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP3CGK SP8NR US0SY VA5DX W7KW	221 DJ8NK K4MWB K8FH K8SIX MM0EAX N6VR W1ZK W6JRY WA7NB WS6X	216 JA6LCJ JH1IFS K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	210 I8SAT JH0INP JJ2LPV LA4GHA UW7LL W7JW	206 DM5EE IK0IOL JA3PIS K2VV K5AQ KG9N N8DJX SM6BZV US0KW VE3BW
224 DL5WW I3BUI IZ1LBG N8BM	220 AG8B DK2NG HB9LCW HL5IVL JJ3PRT JR4OZR K8ZTT KA1R N1LN N5JR VE3EXY	215 AD5A JA9PPC N7JW RA1QD W0UO W2LK W6YI	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA N9LB	205 I4KDJ JA3AAW JA9FPI K1DT PY2XB W8UN WB8ZRL
	219 IK3VUU JA2FBY JA2FJP JG1ULJ LB8DC N0AV	214 DL7BA HL3IUA JA2JW JA2WYN K3JGJ K4NA OK1DX RN7G W4NL		204 DJ5AV IK7NXM K4JJW KK4SI LX2A N4NX N7FU UA0SR

US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

IZ8VYU
JA2XYO
JE1PNX
K4XO
K8AC
K9MMS
KK2I
PA0A
R6AF
W8GC

202

DL1MGB
DL2KQ
DL9DRA
EA1RT
JA3CSZ
JA5AQC
JH3VNC
JI2KXK
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LY1G
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R9TO
RA3S
SM2OAN
UA9FAR
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WA2HZO
ZL3IX

201

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K5MC
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N5ZM
W5TCX

200

JA1GTF
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K1GE

K9US
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RW7M
UY0ZG
W0DD
W0MHK
W2IRT
W3GG

199

HB9DDO
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K6G XO
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W1TO
YO2DFA

198

DL1ROJ
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G4BUE
IT9JNR
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RX3APM
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197

G3SNN
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OE5FIN
ON4CD
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UA0SC
UT5EL

196

4Z4DX
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JA4PXC
K8PO
KA9FOX
KP2A
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RA9CMO
RZ4FO
W0FS

W2FCR

195

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JH1QAX
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K9RT
KF8UN
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NK1K
W5ZG
W9OP

194

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KB9LIE
KC9ARR
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W2LO
W4FC
W4UM
W9OO
WD8JJA

193

DL5ZB
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RN1ON
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192

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191

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190

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IZ8XQC
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JA1MCU
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189

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SM7GIB
SP7HOV
UA7T
WE9R

188

AA1ON
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KB1EFS
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W6SR
W8JV
WA6YEE

187

AJ1H
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K0SR
KN5O

N2NS
NE1B
OK1CZ
SM0NJO
W7AWA

186

9A8A
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WA3C

185

AB6QM
EA6BF
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IK3SWB
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N5UR
OE2BZL
SV1DPI
UA9CBO

184

I2AOX
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JF1PUW
JH1RFR
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KL0S
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S57AC
US8UA

183

CT1FMX
CT3MD
IT9INO
K8VC
KE9ET
LA3WAA
NN2L
ON6SAS
W2FP
W8NW

182
DJ9ON
DK3UA
JA1SHE
K8RRT
UR3EO
W1YM

181
DK3WW
N3OC
VE3OSZ
W9AJ

180
DM2DXA
DM3VL
JA2BDR
K2EP
K4CN
K6SSS
K7BG
LA9AJA
N1RR
N4AH
ON5FP
UT2UB
W1RM
W3YQ
W8TN

179
IT9ELD
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S57UN
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W7BEM
W8KEN
YL2TW

178
EA3CJ
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JE2URF
K2UR
NE0U
SM7DLK
SV1JG
W6NWS

177
9H1SP
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CT1GFK
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IK4ADE
JE1BMJ
K3WC
K9NU
SM6DHU
W2OR
W5LT
W7FI

176
EU1AB
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JA8KSF
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175
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TF3SG
VE3FF
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174
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K4TR
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OE1WHC
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W8VVG
WT8C

173
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172
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WC4X

171
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170
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SV3KH
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WA3AFS

169
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168
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WA4LOX
WC5N

166
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K4ZYU
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RM3DA
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W8ILC
WA8TXT

165
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W5BN

164
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JA7ZP
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N9FN
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SV2AEL
W4NS
W7YAQ

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163	K3MSB	W2TA	JR9OPJ	KU4XO
9A2JK	NR4M	W5GZ	K7SP	N3QE
DJ9HX	RU6L	YV2IF	K8VFF	N9CO
K7NN	UA0FZ	156	N4TV	N9MB
K8TL	UX5UO	DL4MM	N5TW	OE8SPW
UR4CWQ	W1BR	F6HDH	N8II	SV1CNS
VE3CFK	W5XC	HB9TKS	R9OK	UA6YW
W7AL	WX0B	IK0AGU	SM6CLU	W6DAO
WW3S	159	IZ8IEV	SP5CCC	W7CT
162	JA4FKX	JO7HAM	UT5UY	WA2BCK
4O3A	JE2LPC	K0QC	WB8BPU	149
9A4W	JH6QFJ	K8YSE	152	AA6AA
F3AT	JH7CFX	KS1J	EW2A	DL7CX
JA6GIJ	K1KA	N3UA	HB0CC	HB9HFN
K1KI	K4RO	N4HB	HB9BUN	IK4FNF
LB6KC	W3HKK	UA3SAQ	JT1CO	IZ3ENH
N8MR	W6BJH	VA3LX	KS3F	JA1SVP
RW3RN	W7SX	W1YIF	N9OY	JL1ARF
W0HT	W9RN	W4TV	S55ZZ	JR5JAJ
W0TT	WD5BJT	155	UA6IGI	K3RA
W1LW	158	AB9V	UT5AB	K3TN
W3JX	DJ4PT	DL1RK	VE6LB	K4YYL
W4DKS	DL1FKA	DL4SZB	W1SKU	K8ME
W8WEJ	JA9APS	DL6MRS	W1VT	K9MK
WA9PIE	JH1TWT	JE2DZC	W6RLL	NX8Y
161	JI1FXS	JE3GRQ	W7AJ	SM6CUK
DK2GZ	JI1NJC	K2LS	WB3CQM	UW7UA
DL6RAI	JR1GJP	K4WA	151	W0GG
JA1DOF	K5TT	N3RC	AA7G	W7HPW
JH4CPC	OZ1HX	NE0DX	DK2OY	WB8B
K1USA	RU6M	NW7E	EI9JF	WD5K
K5GO	SM4EMO	SM6VR	F3SG	WS5W
K8ND	W0SZ	ZS6EZ	JA6BEE	WW2DX
LB2TB	W1OX	154	K2FW	YO3DDZ
N4GN	W2XL	3V8SF	N5JB	148
OH6RA	W3GQ	GM3PPE	OK1ATP	DK2CC
VK3HJ	W4QN	JA8NFV	RD3A	EA7TV
YU2TW	157	K0KVR	RU3A	F5CQ
160	AA4H	K4RG	S54A	F5LVL
AD5Q	AC6DD	W1NA	SP7AWG	HB9SLO
DL1DA	DK1WB	W2XI	SV9AHZ	JH1QDB
EC3A	G3TQZ	W5DNT	W7RH	KR2Q
EI6FR	G4GIR	WB0TEV	WA1Z	N2WB
HB9DHK	JA1GHH	WE1P	WP4G	NE3F
HB9FMN	JH2QMT	WS7L	150	W5FKX
IK0FUX	JH7IAJ	YS1RR	EA1AF	W9JJB
IW2FND	K9GA	153	IT9DSZ	147
IZ4DPV	LY5A	AJ9C	IV3RAV	EA3GP
JA2EPW	N5MOA	DL3ZA	JA2NQG	IV3VBM
JE2LUN	NE9Z	EA5BY	JA2VQF	JA1XQC
JE2OVG	RN3OG	G3TJW	JH1NYM	JH4ALY
JF2XGF	RU4UR	HL2CFY	K0RS	K2AX
	SM3PHM		K7LV	K7HP

K8UT	K5TR	EW1BA	SM5CBM	K0TV
KM1H	N1IX	JA1PTJ	SV8ZC	K6EME
N1IBM	N3KK	JA2ATE	W0SD	KR6C
PC3T	SM4OLL	JA5XAE	WA8WV	N2ZN
UN7LZ	SM5CLE	JA9RRH		OK1DW
W1OP	W2/CT1GIF	JL1UXH	138	SM5OJH
W2KKZ	W4GE	K2RW	DK8MCT	SP2BMX
	W7ZI	N8OC	DK8YY	UT3UZ
146	WC5M	NJ3K	EI9FBB	UW8SM
F5PAC	WD5T	OE6VIE	EU4A	W2OIB
G4FTC	YO3CD	SV3FUO	F6DDR	WB7QXU
JA1HQG		W3BW	IK8EPC	
JA4DHN	143	W4JVN	JA3OOK	135
JH1GNU	DL1DUO	W4VIC	JF3LOP	5B4MF
K1CA	DL6EN	W4WT	JH7RXU	DJ9ZB
K5KV	HS0ZEE	W8HW	JK1AJX	F6FXU
K5SM	K7CMZ	ZS1C	K1RO	IK8GYS
K5VWW	K7CW		K2RET	IV3DXW
K6NR	K8ROX	140	KJ6P	JA7LMZ
K7WP	KJ9C	9A1CAL	KK1W	JA8BNP
N7BT	LZ2ZG	DF2RG	NA5C	JA8JL
RU0SN	N2RJ	K5WK	ON6AA	JH4HMG
W1IZL	N2WM	K6KLY	OZ8X	K1ZE
W1ZT	N5UW	KF8DX	RW4CY	K7FL
	N6PAT	N4XP	V51B	NZ9R
145	R8TX	N6PSE	W1GD	R7LP
AF4HX	W0IZ	N7WS	W2YE	RN3RQ
HI3T	W6QUV	OH6NIO	W4YV	SM3LGO
I0JBL	W8RLS	OK2ZV	W7OM	SM5CZK
JJ3HGJ	WB8ZRV	ON7DR		SP3XR
JN1BMX	WD9DZV	UN1L	137	W1DIG
K1OA		VE6SV	EA1YO	W2GD
K3VAT	142	W0SEI	GM3YOR	W4BUW
K4OY	I5HOR	W4NU	IZ0RVI	W4MBD
K8BL	IT9BLB	W7IV	IZ2FOS	W4RFZ
KF6HI	JE1FQV	W8LWU	JA3APU	W6JTI
LA6OP	JR7WFC	WO2T	JE6TSP	W8GNM
N1CGP	K3PP	YL2MU	JH4JNG	WE4S
N4GG	K4WZ	YO9FNP	JR1XIS	
N5XZ	KQ4AV		K2QMF	134
RT0F	LA9VFA	139	K8NS	CT3HF
SM3DTR	MM0SAJ	CU2AP	N2PK	IK4DCS
	N7QT	DF7EE	RA3CO	K1TO
144	NA4D	DJ4XA	RG7G	K3OX
CU3EQ	NQ7R	DL5EBE	UU1JA	K7XB
DL5CW	NY2NY	DL8OH	W1ITU	KA8SYV
DL5KUA	OK1DO	JA1TMG	W2CG	KX4TT
E70T	W2OO	JH0BQX	W5ODD	N9RS
EI6IZ	W5ADD	K3ANS	WB5JID	OE1TKW
GM3ITN	W5LUA	K6AM		PY5HOT
HB9BYQ	W5VQ	K8GI	136	RG6G
I5MXX	WA5POK	K8RF	DS1JFY	RX4HW
IT9GSF	WB8CQV	KD0PO	E72U	UA0ACG
IZ4GWE		KU0A	ER0FEO	W1EQ
JA3GN	141	LA8WG	HB9IQB	W4JKC
JR3OEH	AC9S	OK1MP	IK8CNT	YU1AM
K0VSH	DL5MHQ	OK2QA	JA4OK	

133	HS1NGR	KM3V	W0CP	N4JT
9K2NO	IV3KFB	N0YY	W0RT	N9RD
EU1U	JA2TBS	N3KS	W0YVA	ND5S
IZ8DFO	J11DCW	N3RR	W3BG	NW6S
JA7GLB	JJ1TEA	OH1JP	W3MF	OE1AZS
JA7LGE	JM1FHL	PY5EG		OH1ZK
JA9AGN	K1UU	W7QHE	126	RA0BA
JH1HHC	K5VIP	W8MET	DJ8WD	UN7JID
K1ZN	KC2LSD		F8BPN	UU7JM
K2CDJ	KH2L	128	G4IUF	VE3UTT
KS4YT	KM4H	AA4SC	HB9FMT	W5DAW
KU2A	N4QWZ	DM2RM	IZ7EVZ	W9CG
N9MR	N5PHT	HB9CQK	JA1XCZ	YO2RR
OE1KM	N6RK	IT9ZZO	JA7KY	
RA5BM	NA5DX	IU0HDC	JJ1DWT	124
RV4LC	NN4R	JA2AHH	JN1RQV	AA7XT
SV5DKL	ON4ON	JA2KSP	K2ZD	IK3VBB
UQ2PZ	R0SR	JA9AA	K4JKB	J11DHY
VE3WT	R9MJ	JE1LFX	K4XU	K4ZO
W0NFL	R9SA	K0FF	LB7ZG	KD4POJ
W2QO	W8DCH	K3XA	N8NA	NA2U
		K4JAF	OK3CQD	PA0TCA
132	130	K4SE	PA5TT	PA3EWP
AA4NC	DF9ZW	K6LPO	SQ5EBM	UA0BA
AB9M	E73M	KG7CW	VE3CX	VE1DUN
AD6W	E12JD	LB5WB	VE7BV	W2JU
IT9RDG	G7VJR	N5KM	W8MK	W2RIJ
JA2KVD	HK0HEU	OZ1IKY	W8REW	W3FM
JA6CBG	JA2FBC	R9SG	W9ILY	W6CYX
JR2LJO	JG1DUZ	S53X	WB0O	W8LMG
JR6FC	K2MYR	S55DX	WB2REM	
K6YUI	K6SIK	SM3GQP	WD4LBR	123
K7TM	K7LFY	SV3DCX	XE1KK	AB1OC
K9ZM	K8BCK	VQ9LA	YU1EXY	AC4TO
N6HY	K9GL	W2WC		DL7JRD
ON4CAS	N3MK	W4IS	125	DL9FCY
OZ2RH	NA4EA	W6RKC	9A1AD	F4GTB
SM4BZH	NO9E	ZS1A	GW3TMP	G4WFQ
SM6BGG	OZ2ABI	ZS6UT	HB9RYZ	G5LP
SP6M	R3VA		HK4SAN	HB0WR
VE3CRG	R5QA	127	IK5DNF	IK2CHZ
W4AXL	R9AB	HK1MW	JA4IYL	IK3XJP
W4RBO	RU1AO	JA1DDH	JA6VU	JA0CRG
W4WM	TA1CM	JA1WLO	JE1TSD	JA1SJV
W5AJ	UN7JX	JA8RJE	JE6UWU	JA3MHA
W5SL	VE3DO	JS2LHI	JF2WXS	JA6WJL
W6DR	W2MPK	K0RW	JH3CUL	JH3AIU
W7AH	W9ZT	K3TRM	JH4ADK	JR1EBE
W7CD		KM4NS	JL1RUC	K2PK
W9FR	129	N1AC	K1HAP	K3XO
WB3D	HB9AZZ	N1GC	K5KG	K4ZIN
XE2S	JA1NWD	OE8HIK	K8DV	K5GH
	JA8JO	S51NM	KA6BIM	K7UT
131	J14POR	SK7AX	KI4WCQ	K9CS
CT1FCX	K3NK	SM0BYD	LZ1XL	KV4T
DK7YY	K4TT	SP6A	N2KA	N2ED
G3UHU	K6XM	SP7ASZ	N3EN	N4DWK

N6MZ	WY1G	K7EG	DL1DWT	W7GG
N9JV	XE1VIC	K8KWT	IT9AAI	W7OEV
N9LQ		N0KV	IT9DAA	W8LRO
NA2P	120	N4LR	JA0AOO	WP3R
S50B	9A5F	N8PW	JA1HQT	WQ5L
UA3DK	AC9EM	N9UA	JA4FM	
UT3QU	AL7TC	NT2A	JA7GYP	115
W1AO	DL2VWR	NY7T	JA7IC	AA5JF
W8NJR	FG5FR	OH5NG	JM3GXU	C6AGU
WB8K	HB9BLQ	OK1DT	JR2UBS	CU2CE
WV4TN	HB9DHG	R6FFB	K1BZ	DL9GOA
XE1H	IZ0LKV	SV1ACK	K2BB	G4XEE
	IZ5NFD	SV1IW	K6PJ	G8BCG
122	JH4GJR	W0RX	K7PI	G8DX
G3NDC	JR6LLN	W4HZ	K8OOK	HA5UK
HA1RB	K2BA	W8FIB	K8QM	IZ7JVR
JA1MRM	K2HK	XE1RCS	N2BJ	JA5FDJ
K1ESE	K3QIA		N3ND	JH1RFM
K1YT	K5JC	118	N4IR	K0GD
K2MP	K6FW	5T5PA	N6MB	K0SD
K7ZA	KA8ZPE	AB2E	N8AA	K4CMS
KR0P	N0OK	AE3T	N8XI	K4GHS
LA7WCA	N4BAF	AG1A	NY4G	K4GK
LA8PT	N4TB	DL5OCE	SM7BIC	K5XM
N9AW	N4TL	JA4FHE	SP8HKT	K8YTO
NA9RB	N4UFP	J18DGO	UA6J	KO8SCA
NN7X	OE3EVA	K3WGR	UB3A	KV1J
OE3SGU	OZ2A	K4CNW	UR9IDX	LY4T
OZ3Y	PZ5RA	K8LN	US1CT	N0IRM
RD4A	RL3BZ	K8WVA	W4ZRZ	N4OA
UU4JMG	SP7ITB	K9DR	W5JMW	N8KOL
VE6AX	UR5IKN	K9SG	W6SL	PA3AXU
WA3I	US0YA	KD2T	W8ZR	RZ6MJ
	W2YR	KD6UO	WA2USA	UA1ANA
121	W3OA	KG8CW		UA1CGS
AA6RR	W4PRO	KV4AA	116	UA6XT
CT3KN	W6RFL	LZ2HM	AJ4F	UN6T
DF1DB	W7RN	N2MM	DL7URH	VE3YF
DK1EI	ZL4AS	N3NR	EA5BRE	W1OPD
DK6CQ		N4DJ	EI2GLB	W4UCK
IK2SGB	119	PY2PA	HA7PF	W9XX
KD8RQE	AA3AZ	RN3TT	IK0EIE	WA7BNG
KG9Z	AJ4A	SP6JIU	IK2OHG	YL2CZ
N1JP	DK3GG	SV9COL	IT9TQH	
N6HC	EW4M	TA2RC	IV3HYD	114
SV1AHX	G4DJJ	VK4CAG	JA1WTI	AA4DD
UQ1GWW	HB9AAQ	W1KSZ	K1DC	BA4DW
UT4EO	HB9BCI	W4DAO	K1RI	BA7IO
UU2JQ	I2TZK	W4NF	K3FRK	CT3FN
VA3AYA	I4MKN	W4NJ	KT1V	CU3AK
W0QQ	IU0LFQ	WT4Q	PA0JSE	DL6NB
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W2TB	JA4XGC		TZ4AM	G3SDL
W3RJW	JE2JMV	117	UA4PCM	HK3PJ
W6XI	JH6CDI	9Y4VU	VA7CRZ	HP3TA
W9YE	JR3UIC	AE0P	W1ENE	I5OYY
WA1PMA	K5UZ	BH4IGO	W1WEF	IK7YZG

IW0HEX	SP3EPG	UA1CEI	W7VS	XE1FAS
JA2KNW	SV1FKZ	UT6UD	W8KA	YU7AU
JA4KDT	SV1JFV	VE7XF	W8MIL	ZL3NW
JA5WIZ	SV2AVP	W1HEO	W9RB	
JH1AGU	UN7TW	W2CVW	WA2BOT	109
JH6WMJ	VE3KI	W2SKI	WA2MUA	DF1KG
K1RV	W2GW	W3MR	WB9EEE	EA3GHZ
K2DC	W6BK	W3UL	YL3DQ	EU4T
K3MD	W8FAX	W4VHF	YO6HOY	F8EZE
K3OSX	W9DX	W5VX		G3SVD
K5RJ	W9VNE	W6TC	110	J68HZ
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KZ4V	WB2HJV	W8HMK	DG7RO	JA4BXL
N1QY	WB2UFF	W9SE	DL1VDL	K2ONP
N2JJ	WS4C	WA8MCD	EA5BYP	K4RDU
N3MN	WX3P	WA8OLN	F5BAR	K5KA
N4IQ	XE1RBV	WT9U	G3LNS	K6MW
NU8Z	ZL1BYZ	ZP6CW	G8AJM	KC2STA
UA3FT			HC1BI	KE1F
W0VX	112	111	I2BBJ	N1BZ
W4TUN	A92IO	AA4U	IK5RUN	N8NN
WA1FCN	DJ1RL	AB4GE	IK8UHA	N9ISN
WA9YYY	DK5RL	AF4OX	IZ0CKJ	ND4V
WN9O	DL5CL	DK2WH	JA9KRO	NN4RR
XE3ARV	EA1JO	DK6ED	JE2UFF	NU4I
	EI8IU	DL1HRN	JH1VHU	NX7U
113	EW1DO	EV1R	K1EO	PY5CC
9A1A	G3XGC	F6ECI	K3JRR	RW4UU
BA4RF	HB9CRV	G3PLP	K3PH	RW9QA
DJ5DT	HB9EFK	G4DBN	K4WW	RX3AGD
DJ9RR	HB9G	HL3GOB	K5WAF	TG9NX
DL8CM	IU8FRE	JA1AUD	K6MI	UB5ZAL
DL8DYL	IZ4DIW	JA1FGB	K6VKO	UT7KF
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G4AFJ	JA7BXS	JA1OVD	LZ1PM	W0VHF
JA0GCI	JG3LGD	JE2EHP	N2CG	W5WP
JA2HYD	JI4WAO	JE8TGI	N3HBX	W9FI
JA4ITW	JK1EXO	JF2WGN	N3IQ	WB5TUF
JH1ORA	JR7FRW	K2HAT	N3JB	WC2K
JH3GCN	JR7TEQ	K7ORK	N4KE	WN0L
K5CD	K0JPL	K9AJ	N5BO	YV3AGT
K8SL	K0TPP	KM1R	NC6K	
K9FN	K1KO	KZ0X	NY4I	108
K9GWH	K3NF	LA0CX	OZ1LCG	AI2Q
KA4RRU	K4UAS	N4WJ	RD9M	AL7R
KH6DX	K8CC	N7BD	SM5BHW	DL6CNG
KI0G	KB2FCV	N9HF	SV1VS	ER1LW
KT1J	KI4DLS	NA1DX	UA3O	G3VAO
N7KO	KM1C	UR6QA	US7MM	HB9BAT
NA3F	KM3T	UT1UY	W0UY	HB9CEX
NG0G	LA8HGA	VE6KC	W3XY	HB9FAN
NI5F	N5ZC	VE7CT	W4DC	IK0PRG
NK5B	N6MA	VE7UF	W4NE	IZ0BTV
R7NA	N6PE	W3FOX	W5VY	JA2MOG
RA4UN	RU4SU	W4HOG	W5ZPA	JA3NHL
RZ3AUL	SM3DMP	W4OX	WB4TDH	JJ2PIK
SM5ARL	UA1ACG	W5AQ	WL7E	JK1MZT

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K1XM	K8LBT	KP4AA	K2XF	JF1EGO
K2CJ	KE2R	KQ3F	K4MS	JF6WTY
K2KQ	KZ1W	N0JZ	K4YJ	JK1BSM
K2MK	N2RR	N2CW	K5AV	JO1WXO
K4WY	N3DAP	N2WLG	K7OX	K0MD
K6UT	N4RF	N3XM	K7PO	K0WK
K8OM	N6EE	N8AID	K9RO	K1BG
KM8AM	N7TY	NA5Z	KI5T	K2BLA
KN4JX	N8AGU	NI5M	KT2E	K3FM
LU2DKT	NA5Q	NS3L	KX2A	K4KEW
N4MEC	OE1CP	OE5CSP	LZ1JZ	K4MF
N6RFM	OK2BUZ	OK1AYU	N4JI	K4VIG
N9TF	OK3CQR	OK2BVG	N4NW	K5HK
NU4Y	R0FA	S57AL	N4SC	K6UM
PA0ZH	RN4AA	UR3CRO	N4VN	K7TJR
R5FY	RV6ARZ	UT7UU	N6NU	K9EA
R7LA	SP3BQD	UU5WW	ON7PQ	KA2BZS
RX6DX	SP6AXW	V73AZ	OZ4AAL	KH6KG/W5
S57J	US5CB	VQ9SS	PF7M	KI0KB
SM6AOU	VE3OI	W1CWU	PJ2/K8ND	KK9H
UX7UN	VK3NX	W2EQ	PY2DS	KW0A
UZ6LWZ	W3KB	W2LE	R6YY	LZ2XF
W2UB	W6TDX	W2NO	RA6AF	N2SQW
W3NRJ	W8VK	W3ICM	RD4WM	N3ER
W4ZYT	W9CPV	W4IR	SP5JXK	N3TR
W6KK	WB6CJT	W5JAY	UA6LCN	N4TTE
W7ACD	WB8ART	W8IW	UR1RWX	N6PF
W9HBH	WS1L	W8OP	UR2RGN	N8MZ
WA2ALY	XE2YWH	WA4MYO	VE1PZ	N9DR
WA4CEM	YL1XZ	WA6TLA	VR2MY	NJ9C
WA8MOA	ZL3RJ	WC6DX	VY2ZM	NK7C
WC1M		YL2GN	W1LY	NN3Q
WD9EQU	106	YU3EF	W4OWY	OH2OT
WW1WW	AA4FL		W5KI	RA1QX
	AE2U	105	W6FF	RU3UR
107	DJ6OZ	DF2PI	WQ5W	RZ6DX
4Z5LA	DL1QQ	DF8AA	YU1NR	RZ6LB
DJ8ES	DL2NOM	DJ3XD		SM5CCE
DK3FB	DL3JSW	DJ6KH	104	SM7CQY
DL2CHN	EA3CCN	DL4ZAB	9M2AX	SO5AS
DL5XU	HA8DZ	DL6JZ	AD1C	UA9FGJ
DO4DXA	IW3GJF	DL6XK	AH0U	US5CAO
EA5AT	JA1VLK	DO1CTL	CP8HD	UT4EK
EA7QW	JA2MNB	ES1GO	CX3CE	UT7EC
FG8OJ	JE6IGP	G3YUV	DK3BK	UX4UM
G4AKY	JG3HBO	HA8FW	DL4FAP	UY0MM
G4RGK	JG5RVQ	IZ2EWR	DL7UPN	VE3VHB
HI8R	JH2KKW	JA1BWA	E73D	W0YBS
I5IHE	JJ0NCC	JA1TAA	EA8ZS	W1QA
IT9XTP	JR0EQQ	JA4EVN	F6AJA	W3DRY
JA5EY	K0DEW	JA6VA	F8GB	W3TMZ
JA8JTH	K1PX	JA7BME	G3BRD	W5CWQ
JH9DRL	K4DSE	JA8RRF	HB9CIP	W5GJ
K3SW	K4SAF	JA9APM	HK3O	W5ZO
K3YBN	K5AM	JF1RYU	IK0DWN	W6PH
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WA0RVK	RU3OW	KB9DAK	EA1WX	RA4P
WA9ETW	SM3CBR	KJ6NZ	EU1TT	RA4SD
YC0LOW	SM6EHY	KN4KL	G3ZFC	RB7GG
YO5ODE	SM7BHH	KW4BY	G4FJK	RK9F
	UA3PFN	KY6R	GM3WTA	RY6M
103	US2WU	LA3ANA	HB9NL	S59DJK
AG1I	UT2AB	N5RZ	IV3GOW	SM2DMU
AI3Q	VA2ZO	NZ3M	IV3KCB	SM7NDX
DJ1MM	VA3IC	OH2EA	JA1VVX	SP7JLH
DJ7PI	VE3EDY	OH4UI	JA2VMU	SV1PL
DL2HX	VE3MFA	OK1DTN	JA6TMU	UA0FDX
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EA7SG	W4AVY	PA7TWO	JH3PRR	UT4IS
EU6MM	W4MZ	PV8ABC	JI3KDH	UT7HA
EW3LB	W5THT	PY2DO	K0LW	VE2OJ
G3BDQ	W5VU	R2AB	K1YR	VE3XB
G4AAW	W6SZN	R3IS	K2BX	VK2GR
G4PUQ	WB8BZK	RU3UN	K3SEW	W1AW
G4VGO	YO7APA	SM6WET	K6AAW	W1FC
I0OSI		SP5MXZ	K6XJ	W1GF
IK2ANI	102	T77V	K7AR	W2SF
JA2GQO	A6/RV6LNA	UA1AIR	K7IA	W3WH
JA2OLJ	CT4BD	UA1CKC	K8BN	W4BUE
JA8EJO	DK3QM	UA6HOF	K8ZR	W4PM
JH1DGQ	DL3DXX	UA9MR	K9JU	W7AV
JM2RUV	DL3NCR	UA9UCO	K9PG	W7CB
K0EOO	DL4CW	UW7CN	KC4PX	W8GB
K2UVV	DL4KUG	VE2FYR	KD3UY	W9MAF
K4LQ	DL5RDI	W0QC	KE1VT	W9ZCL
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K8CCV	F6BWO	W2LW	KN6J	WC4H
K9MUG	FM5WD	W2TX	KQ1F	WK9U
K9XJ	HB9AHL	W3EKT	LA2GV	WR2G
KE1IU	I8LWL	W4ALF	LZ1XZ	WW5G
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KJ7WY	IZ4MJP	W7IUU	N2AJ	YO6BHN
KM9E	JA0HXV	WA0IDK	N5AQ	YV4DYJ
LA9GX	JA6OXT	WD8DSB	N6WM	
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N0RU	JA8OW	YO2IS	N9JCS	9M6YBG
N1HOQ	JR1BAS		N9PGG	A41ZZ
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N9SF	K1EDG	AA2VG	NX2X	AB4VV
ND3L	K1PTF	AA3LX	OA4TT	AC4VM
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OK1DQT	K2TK	AC5O	OH3TY	AI2S
OK2BQU	K3KG	CT1JGA	OK1PGF	DJ6OI
OK3BRK	K4AQQ	D44BC	OK2BOB	DL1TPY
OZ7JZ	K4KAY	DH2FW	OK3EY	DL1TRK
PA0GMM	K5ZO	DK9WI	OK4MM	DL9GTB
R9GM	K6DJ	DL1KS	ON4LG	DU7ET
RA0FA	K7BHM	DL3ANK	OZ5HP	EA2AAZ
RA4HT	K7UA	DL5JS	PA4WM	EA3ALD

EA8AXT	N2XQM	W3BBO
EC5A	N3AF	W4HHN
EI9E	N4CRI	W4OV
ES5NC	N4ZR	W5BK
FM5GU	N7DED	W7DT
G0VXE	N7TK	W8CNL
G3OIL	N8IL	W8FN
G4CGG	N8NB	W8GDQ
GM3ZSP	N9ADG	WB4SON
I2VGW	NA6O	WU2M
IK0HFO	NA9Q	YB1TJ
IK4MSV	NB3R	YL2SM
IS0/YO3RA	NG7A	YO9FLD
IW0BYL	NJ3I	ZP9MCE
JA1BRK	NN4SS	ZS2DL
JA1CPU	NU1T	
JA1JAT	OE5JDL	
JA4FSH	OK1DXD	
JA5DQH	OK2PAZ	
JA9CGW	ON4ANN	
K0FLY	ON7EH	
K0LB	ON7GB	
K0XM	ON9CC	
K1NA	OZ1ZD	
K1NZ	PA0INA	
K2CBI	PA7RA	
K2CYE	R3PJN	
K3TZV	R9JX	
K4FT	RA3SD	
K4KSY	RA4LW	
K4UQC	RA6XB	
K7VIC	RC2A	
K8BZ	RN1A	
K8CR	RT5A	
K8CS	RU3GF	
K8LE	S53MJ	
K9NZ	S59SV	
KB0EL	SV1VJ	
KC0V	SV2DSJ	
KC4D	UA3AKI	
KC5LT	UA4PAY	
KD8BZY	UA6CEY	
KD9HL	UN6P	
KP4N	UR4CW	
KQ5M	UR4LRG	
KS4XQ	UR8IDX	
LA6UL	US8UW	
LA8W	VE1RGB	
LU5OM	VE3OAT	
LU5YF	VE7JKZ	
LZ3YY	VP2VA	
MM0SJH	VR2PX	
N0AH	W0GYH	
N1KI	W0MU	
N1MD	W1AN	
N2DPF	W1YRC	
N2SG	W2CCC	