

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 19 Apr 2026, 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 Digital 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	S50A	316 IK4WMA N1DG OH3SR PE5T W2VO	RA3CQ SM5BFJ SM6CVX W5IZ	GM3YTS N4JJ* SV8JE
341 EA8AK	325 K4PI K9UWA ON4UN* SP5EWY UA2FF	315 S50U W1JR	309 IK4MGP W3GH*	303 F5LGE G0JHC JA1BK JA4LKB K1UO K9QVB* RU3DX
340 K1ZM	324 K2TQC OH2BO W1NG	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG N4RJ UT3UA	302 N3XX OE1WEU SV1FJA
339 W4DR W4ZV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 CT1EEB DJ7MI OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ PA3FQA SM3EVR SP3EPK SV8CS
335 OH2BU R7LV	321 K5NA* WB9Z	312 OH1MA S54E	306 DL4MCF EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY VA3EF
334 N4WW VE1ZZ*	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS NN4T RW3PZ* SM3GSK UA6A	299 EU7A K4TEA N1BUG UX1UA W7UT
332 UR0MC	319 N0XA SM4CAN UT5UGR W9ZR	310 I4AVG I4EWH	304 DJ0MDR GM3GAV	
331 K5UR LZ2DF R4GM UA4CC UT7QF	318 4X4DK			
330 AA1K HA0DU OH1XX	317 I4EAT* K5RK W3LPL			
329 K3UL UA4HBW				
326 EY8MM				

298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU	291 9A7V KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	JH4IFF NJ6P SP3DV UX1AA	K5DU RU3FM SP9DWT	KD5M LA3MHA OZ1CTK SM5KNV SP9JZU
297 DK5PR N4CC OM2XW W0CD* W0FLS	290 CT1APE UA3AKO UT1UY	283 DL7VEE JA5EXW K4SO NA0Y NO3M R3OK SM6DHF	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK	270 AA1V OE5KE SV8BHN
296 DF3GY DJ2BW* F5NTV G4PWA ON5NT RY9C W1JZ	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX US5WE	282 DL1YD I0WDX K8KS K9CT N2LT N4KG* SM6CTQ UY5ZZ W0BV W2YC	276 F6GCP G3LZQ N8RR OK1AWZ VE2TZT	269 K6ND K8PT W1ZC
295 K3UA N0TB WD5COV	288 K5XI PA3GCV SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY IK4DRY JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ KF2O SP6AEG UW2ZM W2OKM*	268 DL5DSM G3WPH RA3XDX SM5DJZ* W1MK
294 DL1AMQ IZ0AEG JH2FXK JR2KDN LA5HE RJ3AA W5ZN	287 DL1RWN G3XTT N2QT N7NR RK4FD UR5WA VA3DX W4PK	280 EA6NB KG4W N9IW RV3LO SP5CJQ SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU MD0CCE W6UB	267 G4OBK LU8DPM RW0LT RZ3DX SP5DIR W1GL
293 I5NPH IK1GPG JH4UYB KV4FZ* S58T SM3NRY	286 DJ2YA K3SX N3SL PA0WRS UA3AB UT7UW W8AV	279 F6AOJ IK8HJC JR7VHZ N2TK N5DG SM6CNN UA6MF	273 K2CL K5BG RA3DA SM6CCO UA3DPM	266 EI7BA K1QX NR1R R3LA W8TE W8XD
292 G4BWP HB9BGV OZ1BTE R7FK* SM5AQD SP3IBS SV1AOZ W3YX W8TOP	285 G4CCZ	278 DK0EE F6BEE HB9AMO JA3FYC	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	265 AA4V* AA6YQ AA7A EA5BM K4XP YO5BRZ
	284 HB9BIN IK6DLK		271 G4GED JA5AUC	264 IK2YCW IK5HHA K7ZV N3NT R5AJ
				263 IZ1ANU K9OW

KX4R LA5IIA W2SM W3AP	K5VRX ON4AOI SV8GFW W1TSP W3DF	K9RX ON4IQ SP5DRH	WX4G	NI0G RA0FF VO1HP
262 G0DQS K4UEE* KR9U N5KD SV8CKM UX4UA* W1YY	255 K4QL N2MF VK4MA W3KX W5OZI	248 K3WW K5RX N6TR SM3VAC T77C W9NGA	242 EA4KD G8VR KG7H OK1CF	237 DL7MAE K1VW* OM4EX W4YO* WA7NB
261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S UX0FF	254 I1EIS N0AT OM3DX WA4FFW	247 K0IEA K6XT NN4X NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	241 AC4G JA0DAI JA1SYY JA3EMU K5ZK KA9CFD N4XM N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	236 K1JO K5EK K9NR K9ZO KC7V OK2ZI OZ4O SP8AJK
260 I1FQH K1LT K4DY UT9FJ	253 5B4AGN IV3YYK JQ3DUE K5ESW R5DT S58Q SP9FKQ* UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JA7QVI JF8QNF TF4M UR5EDX W2TQC W5XZ	240 AB4I EA6ET IZ1LBG JA5MHD JR3GWZ K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX S51DI VE3XN
259 DF4PL G3ZSS IV3ODE K8FL N2NL R9FM	252 EA1DR JF2MBF JG3QZN JR3IIR PA4VHF S52F W3UM	245 DL4CF JA1GV N9US RL9F RY7G W9XY	K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	VE3XN
258 KW9A N8TR RN3CT VE3QAA	251 AB3CV DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IZ8FFA JA1HGY SV1RK	K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	234 IK6FWJ JG1ULJ K1AR K4UTE KF0QR PY1BVY VE7IG* W7AO
257 AA1QD JH1GZE K1GUN K9NW KY7M N4II W9YSX	250 HB9RG IK0XBX K2FF NQ1K OZ8BZ	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM	VO1NA	233 DF6PB DJ5FI IZ4BEZ* IZ8FWN JH1HGC K0CS K2UU KA7T ON4GG SK3PY UA4HAU VA2WA W1TC YO7LCB
256 9A5CY JA2VPO JA5BZL	249 AI9L		239 AJ6T IK0YUT IW1ARB K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF UW5ZM W3LL	
			238 DL8WN IK0XEZ	

232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP	226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* SP3CGK US0SY UT5JAJ VE6WZ W0VTT	N5JR N8PR N9BX SM0CCM	JA9PPC JH1IFS K5PC ON6YH UA3AGW	K8ZH KE9I KG6I N1ZZ N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF
231 4X4NJ HA9RE N6AR N7NG ON4ACG W9IXX	225 A45XR JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	221 IZ8VYU JF3KON JJ3PRT K8SIX LA7GIA LB8DC N6VR OZ1AXG VE3LYC W1ZK W6JRY WS6X	216 F6DAY K3JGJ LA4GHA N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA WP4U YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD
230 JA1CMD JA2NDQ KD0Q N8JV SM3NXS W4GF W4VQ	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	220 AG8B DK2NG HB9LCW HL5IVL JR4OZR K4NA K5EJ KA1R VE3EXY	215 G0OIL JH0INP N7JW RA3S W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV K0MN* RV0AR UW7LL W7JW
229 CT1FJK DJ4AX E72A JA8FKO JI1BEX K4HB OE5NNN RO7T WB6RSE	223 AB0X DJ8NK HA7TM JA2WYN JH2TPI N1LN RT6T SV2JAO UR5FEO ZS4TX	219 IK3VUU IV3RAV JA2FBY JA2FJP K6TA* LA7JO OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA JA2IVK JA2JW K1AM* OK1DX RN7G W4NL WS9V	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA JA9FPI JF4VZT K5RT KG9N N9LB VE1DX W0AIH* W0ZR W6PBI* W7KNT W9OO
228 AF9H AI0O KV7K N2WK NT0V* OH2BEN VE3DZ		218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY	
227 DL7HU ES1RA I3BUI IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K4MWB K6EID K8FH K8ZTT N4PQX N5AW	217 DM5EE	212 AA9A DL9GFB K4MQG	208 EI2CN G3NSM I4LCK K2FU LA7HJA N5ORT PY2XB RU3ZX RX3APM SM5JE*

UN5J
UY1HY
W6PJ
W9EWZ

207

K1DT
K1LPS
K3JT
K8EUR
N9AU*
PY2BW
US0KW
W0LS

206

IK0IOL
JA3PIS
K2VV
K3LR
K5AQ
K5MC
K8AC
K9YY
KC6AWX*
N8DJX
SM6BZV
VE3BW

205

F6EXV
I4KDJ
JA3AAW
K9US
KA9FOX
OH1TV
W8UN
WB8ZRL

204

9A2NA
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IK7NXM
JA9NFO
K2NV
K4JJW
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KK4SI
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US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

JA2XYO
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JF1PUW
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KA1J
KK2I
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W7DO
W8GC
WA2HZO

202

DK2LO
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DL2KQ
DL9DRA
HB9DDO
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JA5AQC
JH3VNC
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LY1G
N5ZM
N7KA
OK1DOT
R9TO
UA9FAR
W1NT
ZL3IX

201

AG4W
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DL1EJA
JO7WXN
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W2IRT
W5TCX

200

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K1GE
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RW4NN
RW7M
UY0ZG
W0DD
W3GG

199

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KB8VAO
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YO2DFA

198

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IT9JNR
JA4PXC
OH2IS
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197

G3SNN
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JH1QAX
JH2UVL
K3KO*
K8NVR
LA7AFA
OE4PWW
OE5FIN
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RZ6FA
SM7GIB
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UT5EL
W0FS
W4UM
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196

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195

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194

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193

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W0RI*
W9MU
WA2VYA
WE9R

192

AD8P*
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JA7JWF
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K3FN
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KF7PG
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191

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K9LA
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190

AA1ON
IZ8XQC
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JA1MCU
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KB1EFS
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N5GH
SP2LNW
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189

9A2F
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SP7HOV
UA7T
W5DM*
WA3C

188

AB4IQ
JA1KQX
JA8DNV
KB0EO
KE9ET
KL0S
N8LJ
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RM0F
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W6SR
W8JV
WA6YEE

187
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KN5O
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OK1CZ
SP3FAR
W7AWA

186
IK2QPR
JA2LCP
JA2ZL
K0BJ
K7LAY
YL2TW

185
AB6QM
CT1EAV
EA6BF
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IK3SWB
JA3ENN
K5ZD
LA3WAA
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N5UR
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SV1DPI
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W0EWM*

184
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JF1NZW
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US8UA
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W2YJ

183
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W8NW

182
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N3OC
UR3EO
UT5UT*

181
DK3WW
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JG0CQK
JN4MMO
K2EP
LZ2ZG
VE3OSZ
W1RM

180
4Z5MU
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DM3VL
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JE2URF
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K7BG
LA9AJA
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N4AH
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SP1MGM
W2OR
W7BEM
W8TN

179
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W8KEN

178
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177
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WB7B

176
EU1AB
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175
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174
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WT8C

173
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WA5YNB

172
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169
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N8BJQ
PA7F
SP5GH
SP6EQZ
SV2AEL
W4SVO
W6VX

W8OI	JA1RTX	160	W3GQ	154
167	JA7ZP	AD5Q	W4QN	3V8SF
DK5AD	K1NJ	DK1WB	WS5W	F5LVL
EC3A	N5WA	DL1DA		GM3PPE
EI6FR	RA3ZH	EA3GP	157	JA8NFV
JF2XGF	W4DKS	HB0CC	AA4H	K0KVR
K6KO	W4NS*	IW2FND	AB9V	KR2Q
K8NK	WP4G	JA2EPW	AC6DD	NX8Y
N0IJ	WW3S	JE2DZC	DL4MM	RN3TT
N3BNA	163	JE2OVG	EA5BY	W1NA
OH2BLD	9A2JK	JR7MAZ	G3TQZ	W5DNT
PA3C	DJ9HX	K3MSB	JA1GHH	YS1RR
RA1AOB	JE2LUN	K3RA	JH7IAJ	
S51EC	JH4CPC	NR4M	K0QC	153
W1YW	K1USA	RU6L	LY5A	AJ9C
WA4LOX	K7NN	UA0FZ	N3RC	CU2AP
WB0TEV	K8TL	UX5UO	N5MOA	DF2RG
WC5N	K8TL	W1BR	NE9Z	DL1DUO
	OK2QA	W5XC	RU4UR	DL3ZA
	RW3RN	W9RN	SM3PHM	G3TJW
	UR4CWQ	WX0B	SV8ZS	HL2CFY
	VE3CFK		W2TA	JF1IRW
	W7AL	159	W5GZ	JR1XIS
166		DL6MRS	W7TVF*	JR9OPJ
4Z1UF		JA4FKX	WS7L	K7SP
CT1FCX	162	JA9APS	YV2IF	K8VFV
DJ4SO	4O3A	JH6QFJ		LZ1PM
IV3TDM	9A4W	JL1RUC	156	N4TV
JA1FNA	F3AT	K4RO	FM5BH	N5TW
JA9LJS	HB9BUN	OK2ZV	IZ3ENH	N5XZ
JH2SON	IZ4DPV	UN7JX	IZ8IEV	N8II
K1KA	JA6GIJ	W3HKK	JE3GRQ	R9OK
K3KY	JH4ALY	W6BJH	JO7HAM	SM6CLU
K4JLD	JR5JAQ	W7SX	K8YSE	SP5CCC
K4PB	LB6KC	WD5BJT	KD0PO	UT5UY
K4WA	N8MR		KS1J	WB8BPU
K4ZYU	VE7SL	158	N3UA	WJ4T*
NY0V	W0HT	AA6AA	N7WS	
RM3DA	W0TT	DJ4PT	SV1CNS	152
W0DJC	W1LW	DL1FKA	UA3SAQ	EW2A
W1RR	W2XL	E70T	VA3LX	JA2VQF
W8ILC	W8WEJ	G4GIR	W1YIF	JT1CO
WA8TXT		HB9HFN	W4TV	K9MK
	161	JH1TWT		KS3F
165	DK2GZ	JI1FXS	155	N9OY
DL7UCX	DL6RAI	JI1NJC	DL1RK	S55ZZ
F6HDH	HB9DHK	JR1GJP	DL4SZB	UA6IGI
IK0AGU	IK0FUX	JR3OEH	K2LS	UN7LZ
JE7RJS	JA1DOF	K1CA	N2ZN	UT5AB
K5JZ	K5GO	K5TT	NE0DX	VE6LB
KK4CB	K8ND	K9GA	NW7E	W1SKU
N4HB	LB2TB	KQ4AV	SM6VR	W1VT
N9FN	N4GN	OZ1HX	W2XI	W2RS*
N9FN	OE5RLM	RU6M	WE1P	W6RLL
SM4CTT	OH6RA	SM4EMO	ZS6EZ	W7AJ
W5BN	VK3HJ	W0SZ		W9JJB
	YU2TW	W1OX		WB3CQM
164	ZS5LB*			
GU4YOX				
HA7UW				
HB9BZA				

151	K3TN	145	K7CW	K5WK
AA7G	K4YYL	AF4HX	N2RJ	K6KLY
DK2OY	K6NR	HI3T	N5UW	KF8DX
EI9JF	K7HP	IT9ZZO	N6PAT	N4XP
F3SG	K8ME	JE6TSP	NN4R	OH6NIO
HB9SLO	NA5C	JH4HMG	VE3CV*	ON7DR
JA6BEE	R8TX	JH7RXU	W0IZ	UN1L
JH1NYM	SM6CUK	JJ3HGJ	W6QUV	VE6SV
K2AX	UW7UA	JK1AJX	WB8CQV	W0SEI
K2FW	W0GG	K3VAT	WB8ZRV	W4NU
K8ROX	W7HPW	K4OY	WD9DZV	W7IV
LA6OP	WB8B	K8BL		W8LWU
N5JB	WD5K	KF6HI	142	WO2T
N6PSE	YO3DDZ	KR0P	AB9M	YL2MU
OK1ATP		N1CGP	I5HOR	YO9FNP
RD3A	148	N4GG	JA2ATE	
RU3A	DK2CC	N8OC	JH0BQX	139
S54A	F5CQ	OE6VIE	JI1DCW	DF7EE
SP7AWG	F5PAC	RT0F	JR7WFC	DJ4XA
SV9AHZ	G4FTC	SM3DTR	K3PP	DL5EBE
W7CT	IV3VBM	W5ADD	K4WZ	DL8OH
W7RH	JH1QDB		K6EME	DS1JFY
WA1Z	N2WB	144	KK1W	JA1TMG
WA2BCK	NE3F	CU3EQ	KM3T	K2RET
	W5FIX*	DL5CW	MM0SAJ	K3ANS
	W5FKX	DL5KUA	N7QT	K6AM
150		EI6IZ	NA4D	K8GI
EA1AF	147	GM3ITN	NQ7R	K8RF
HB9RYZ	AA8CH	HB9BYQ	NY2NY	KA8SYV
I0JBL	JA1XQC	HS0ZEE	OK1DO	KU0A
JA1SVP	JN1BMX	I5MXX	W2OO	LA8WG
JA2NQG	K8UT	IT9GSF	W4WT	OK1MP*
JA9RRH	KM1H	IV3DXW	W5LUA	SM5CBM
JL1UXH	N1IBM	IZ4GWE	W5VQ	SV8ZC
K0RS	PC3T	JA3GN	WA5POK	W0SD
K1OA	W1OP	JE1FQV		W9XQ*
K5TR	W2KKZ	K0VSH	141	WA8WV
K5VWW	ZS1C	KJ9C	AC9S	
K7LV		LA9VFA	DL5MHQ	138
K8AJS	146	N1IX	EW1BA	DK8MCT
KU4XO	EU4A	N2WM	HB9FMT	DK8YY
N3QE	JA1HQQ	N3KK	JA1PTJ	EI9FBB
N9CO	JA4DHN	SM4OLL	JH1HHC	F6DDR
OE8SPW	JH1GNU	SM5CLE	JH4JNG	IK8EPC
ON6AA	JR2LJO	W4GE	K2RW	JA3OOK
OZ3SK*	K5KV	W7ZI	SV3FUO	JF3LOP
SQ5EBM	K5SM	W8RLS	W1AX*	K1RO
UA6YW	K7WP	WC5M	W2CG	KJ6P
W2/CT1GIF	LB5WB	WD5T	W3BW	KZ5DX
W6DAO	N7BT	YO3CD	W4JVN	NA5DX
WW2DX	NJ3K		W4VIC	OZ8X
	OH1JP	143	W8GNM	PY5EG
149	RU0SN	DL6EN	W8HW	RW4CY
DL7CX	W1IZL	HB9CQK		UN7JID
IK4FNF	W1ZT	IK8GYS	140	V51B
IZ0RVI		IT9BLB	9A1CAL	W1GD
JA5XAE		K7CMZ	JA4OK	W2YE
JL1ARF				

W4YV	R3VA	RA5BM	R0SR	JA2AHH
W7OM	R7LP	UQ2PZ	R9MJ	JA2KSP
137	RK2M	VE3WT	R9SA	JA5FDJ
EA1YO	RN3RQ	W0NFL	W7JY*	JA9AA
GM3YOR	SM3LGO	W2QO	W8DCH	JE1LFX
HB9IQB	SM5CZK	W5AJ	W8KA	JH4GJR
IZ2FOS	SP3XR	132	130	K0FF
JA3APU	SV5DKL	AA4NC	DF9ZW	K3XA
K2QMF	UB3A	AD6W	E73M	K4JAF
K8NS	W1DIG	G3UHU	EI2JD	K4SE
RA3CO	W1EQ	IK3VBB	G7VJR	K6LPO
RG7G	W1OPD	IT9RDG	HK0HEU	KG7CW
UU1JA	W2GD	JA3DY*	IK3XJP	KM4NS
W1ITU	W4BUW	K6YUI	JA2FBC	N5KM
W5ODD	W4MBD	K9ZM	JI4POR	N9RD
WB5JID	W4RFZ	KO8SCA	K2MYR	OE3SGU
WE4S	W6DR	N5ZC	K3NK	OZ1IKY
136	W6JTI	N6HY	K7LFY	R9SG
E72U	134	OZ2RH	K8BCK	S53X
ER0FEO	CT3HF	SM4BZH	K9GL	S55DX
IK8CNT	HA1RB	SM6BGG	NA4EA	SV3DCX
IU0HDC	IK4DCS	SP6M	NO9E	US8UW
K0TV	JA7LGE	VE3CRG	OZ2ABI	VQ9LA
K4ZO	K1TO	W4AXL	R5QA	W2WC
K7TM	K1ZN	W4RBO	R9AB	W4IS
KR6C	K3OX	W4WM	RU1AO	W6RKC
OH1ZK	K5VIP	W5SL	S51NM	WB0O
OK1DW	N9MR*	W7AH	TA1CM	ZS6UT
SM3GQP	N9RS	W7CD	VE3DO	127
SM5OJH	OE1TKW	W9FR	W2MPK	AC9EM
SP2BMX	ON4CAS	WB3D	W9ZT	CT3KN
SP6JIU	PY5HOT	XE2S	129	HK1MW
UT3UZ	RG6G	ZS1A	HB9AZZ	IK0LNN
UW8SM	RX4HW	131	JA1NWD	JA1DDH
W2OIB	SM0BYD	DK7YY	JA8JO	JA1WLO
WB7QXU	UA0ACG	DL9FCY	JK1EXO	JA8RJE
135	UA9OR	HS1NGR	K6XM	JA9KRO
5B4MF	W4JKC	IV3KFB	K8DV	JH3AIU
AG1A	YU1AM	JA0AOO	LB7ZG	JN1RQV
BA4RF	133	JA2TBS	N0YY	JS2LHI
DJ9ZB	9K2NO	JG1DUZ	N2BJ	K0RW
F6FXU	EU1U	JH4ADK	N3KS	K3TRM
IZ7EVZ	G4XEE	JJ1TEA	N3RR	N1AC
JA2KVD	IK5DNF	JM1FHL	PA3EWP	N1GC
JA7LMZ	IZ8DFO	K1UU	SM3BCS*	OE8HIK
JA8BNP	JA6CBG	K9DR	W0YVA	SK7AX
JA8JL	JA7GLB	KC2LSD	W7QHE	SP6A
K1ZE	JA9AGN	KH2L	W8MET	SP7ASZ
K4TT	JR6FC	KM3V	W8MK	W0CP
K4ZRJ	JR7FRW	KM4H	128	W0RT
K7FL	K2CDJ	N3MK	AA4SC	W3BG
K7XB	K6SIK	N4QWZ	DM2RM	W3FOX
KX4TT	KS4YT	N5PHT*	IK2SGB	W3MF
NZ9R	KU2A	N6RK	JA1XCZ	W8LMG
	OE1KM	ON4ON		XE1KK

126	124	IC8SQS	WA1PMA	HB9AAQ
DJ8WD	AA7XT	IU0LFQ	WY1G	HB9BCI
F8BPN	AB1OC	JA1MRM	XE1VIC	I2TZK
G4IUF	J11DHY	K1BZ		I4MKN
JA7KY	KD2T	K1ESE	120	IK0ZIO
JH3CUL	KD4POJ	K1YT	9A5F	IV3HYD
JJ1DWT	NA2U	K2MP	AA4DD	JA3AZD
K2ZD	PA0TCA	K7ZA	AA5JF	JA4XGC
K4JKB	UA0BA	LA7WCA	AL7TC	JE2JMV
K4XU	VA7CRZ	LA8PT	DJ8ES	JH6CDI
N8NA	VE1DUN	N3NR	DL2VWR	K5UZ
OK3CQD	W2JU	N9AW	FG5FR	K7EG
PA5TT	W2RIJ	NN7X	HB9BLQ	K8KWT
VE3CX	W3FM	OZ3Y	IZ0LKV	N0KV
VE7BV	W6CYX	RD4A	IZ5NFD	N4DJ
W8REW	WB8K	SP9WZS	JA4EPE	N9UA
W9ILY		US0YA	JR3UIC	NT2A
WB2REM	123	UU4JMG	JR6LLN	NY7T
WD4LBR	AC4TO	VE6AX	K2BA	OH5NG
YU1EXY	DL7JRD	VK4CAG	K2HK	OK1DT
	F4GTB	W2TB	K3QIA	R6FFB
125	G4Wfq	W3RJW	K9SG	SV1ACK
9A1AD	G5LP	WA3I	KA8ZPE	W4HZ
GW3TMP	HB0WR	WA7BNG	N4BAF	W5JMW
HK4SAN	IK2CHZ		N4LR	W5QP*
IW0HEX	JA0CRG	121	N4TB	W8FIB
JA4IYL	JA1SJV	AA6RR	N4UFP	XE1RCS
JA6VU	JA3MHA	AE3T	NA9Q	
JE1TSD	JA6WJL	DF1DB	OE3EVA	118
JE6UWU	JR1EBE	DK1EI	OZ2A	5T5PA
JF2WXS	K2PK	DK6CQ	PZ5RA	AB2E
JH1AGU	K3XO	EI2GLB	RL3BZ	DL5OCE
J14WAO	K4ZIN	HB9DHG	SP3PLD	JA4FHE
K1HAP	K5GH	IT9AAI	SP7ITB	J18DGO
K3FRK	K5JC	JA2HYD	SV1IW	JN7DOS
K5KG	K6FW	K3NF	UR5IKN	K3WGR
K9GWH	K7UT	KD8RQE	US1CT	K4CNW
KA6BIM	K9CS	KG9Z	VE3YF	K5XM
KI4WCQ	KV4T	N0OK	W0RX	K7PI
KV4AA	N2ED	N1JP	W2YR	K8LN
LZ1XL	N4DWK	N3ND	W3OA	K8WVA
N2KA	N6MZ	N4TL	W4PRO	KD6UO
N3EN	N9JV	N6HC	W6RFL	KG8CW
N4JT	N9LQ	N8PW	W7RN	LZ2HM
ND5S	NA2P	SV1AHX	WA2USA	N2MM
NW6S	NA9RB	SV1FKZ	WB6CJT	N5BO
OE1AZS	S50B	UQ1GWW	WC2K	N6MB
RA0BA	UA3DK	UT4EO	WP3R	PY2PA
UU7JM	UR9QQ	UU2JQ	ZL4AS	SV9COL
VE3UTT	UT3QU	VA3AYA		TA2RC
W5DAW	W1AO	W0QQ	119	TZ4AM
W9CG*	W4NF	W2GG	AA3AZ	W1KSZ
W9DX	W8NJR	W4UCK	AJ4A	W4DAO
WT4Q	XE1H	W6XI	DK3GG	W4NJ
WV4TN*		W9FI	DL9OBY	W5VY
YO2RR	122	W9XX	EW4M	W9HBH
	G3NDC	W9YE	G4DJJ	WX3P

YO4AUL	N4IQ	EI8IU	NI5F	VE7XF
117	NZ3M	F6CWA	NK5B	W1HEO
9K2OD	OH8LXT	G3SDL	R7NA	W2CVW
9Y4VU	OZ1LCG	HP3TA	RA4UN	W2SKI
AE0P	PA0JSE	I5OYY	RZ3AUL	W3UL
BH4IGO	RV3ID	JA1OVD	SM5ARL	W4VHF
DL1DWT	UA4PCM	JA4BXL	SP3EPG	W5VX
G3LAS*	W1ENE	JA4KDT	SV1JFV	W6KK
G3PLP	W1WEF	JH6WMJ	SV2AVP	W6TC
IT9DAA	W7GG	K1RV	UN7TW	W8GEX
JA1HQT	W7OEV	K2DC	VE3KI	W8HMK
JA4FM	W8LRO	K2HAT	W2GW	W9SE
JA7GYP	WQ5L	K3MD	W6BK	WA8OLN
JA7IC	115	K3OSX	W8FAX	ZP6CW
JM3GXU	C6AGU	K5CD	W9VNE	111
JR2UBS	CU2CE	K5RJ	WA2BOT	AA4U
K2BB	DL5CL	KB8U	WA4DOU	AF4OX
K6PJ	DL9GOA	KZ4V	WB2HJV	CU3AN
K8OOK	G8BCG	N1QY	WB2UFF	DG7RO
K8QM	G8DX	N3MN	WS4C	DK2WH
K9FN	G8DX	NU8Z	ZL1BYZ	DK6ED
N2JJ	HA5UK	UA3FT	112	DL1HRN
N4IR	HK3PJ	W0VX	A92IO	EV1R
N8AA	IZ0CKJ	W3MR	DJ1RL	F6ECI
N8XI	IZ7JVR	W4TUN	DK5RL	G4DBN
NY4G	JA2KNW	WA1FCN	EA1JO	HC1BI
ON5UE	JA3NHL	WA4CEM	EW1DO	HL3GOB
OZ5HP	JA5WIZ	WA8MCD	G3XGC	JA1AUD
SM7BIC	JG3LGD	WA9YYY	HB9CRV	JA1FGB
SP8HKT	JH1RFM	WN9O	HB9G	JA1NCZ
UA6J	K0GD	WT9U	HI8R	JE8TGI
UR9IDX	K0SD	XE1RBV	IK2ANI	K0FLY
W3ICM	K4CMS	XE3ARV	IU8FRE	K5WAF
W4ZRZ	K4GHS	113	IZ4DIW	K7ORK
W6SL	K4GK	9A1A	JA1SXR	K9AJ
W8ZR	K8YT0	DJ5DT	JA7BXS	KM1R
116	LY4T	DL8CM	JF2WGN	KP4AA
AJ4F	N0IRM	DL8DYL	JR7TEQ	KZ0X
DL7URH	N4OA	DL9GTB	K0CA*	LA0CX
EA5BRE	N8KOL	G4AFJ	K0JPL	N4WJ
HA7PF	PA3AXU	IK8UHA	K1EDG	N7BD
HB9CEX	RZ6MJ	JA0GCI	K1EO	NA1DX
HB9EFK	UA1ANA	JA4ITW	K1KO	UR6QA
IK0EIE	UA1CGS	JH1ORA	K4UAS	VE6KC
IK2OHG	UA6XT	K0TPP	K8CC	VE7CT
IK7YZG	UN6T	K8SL	KB2FCV	VE7UF
IT9TQH	YL2CZ	KA4RRU	KM1C	W0VHF
JA1WTI	114	KH6DX	LA8HGA	W1FO
JE2EHP	AB4GE	KI0G	N4ZY*	W4HOG
JH3GCN	BA4DW	KI4DLS	N6MA	W4OX
K1DC	BA7IO	KT1J	N9HF	W5AQ
K1RI*	CT3FN	N6PE	RU4SU	W7VS
K6RO	CU3AK	N7KO	SM3DMP	W8MIL
KT1V	DJ9RR	N9ISN	UA1ACG	W9RB
KV1J	DL6NB	NA3F	UA1CEI	WA2MUA
	DL6UAA	NG0G	UT6UD	WB4TDH

WB9EEE	JA2CXF	K4YJ	JA5EY	JG3HBO
WU2M	JA7SFD	K6UT	JA6OXT	JG5RVQ
YL3DQ	JF2VAX	K8OM	JA8JTH	JH2KKW
YO6HOY	K2CJ	KM8AM	JH9DRL	JH6PFY
110	K2ONP	KN4JX	K1TZQ	JJ0NCC
BA4MY	K4RDU	KX2A	K3SW	JR0EQQ
DF1KG	K4SAF	KZ1W	K3YBN	K0DEW
DL1VDL	K5FZ	LU2DKT	K4MS	K1PX
EA5BYP	K5KA	LZ3YY	K8LBT	K4DSE
F5BAR	K5KPE	N2DPF	K8ZR	K5AM
G3LNS	K6MW	N4MEC	KB1HY	K5ZQ
G8AJM	KA9UVY	N4RF	KE2R	K8JJC
I2BBJ	KB9DAK	N6RFM	N2RR	KD9HL
IK5RUN	KE1F	N9PGG	N3DAP	KK8X
IZ2EWR	KL7RA*	N9SF	N6EE	KK9H
J68HZ	N1BZ	N9TF	N8AGU	KQ3F
JA7EPO	N2WLG	NU4Y	NA5Q	N0JZ
JE2UFF	N7TY	OH4UI	NE1F	N2CW
JH1VHU	N8NN	PA0ZH	OE1CP	N2SQW
K2BLA	ND4V	R5FY	OH2OT	N3XM
K3JRR	NN4RR	R7LA	OK2BUZ	N8AID
K3PH	NU4I	RA1OHX	OK3CQR	NA5Z
K4WW	NX7U	RX6DX	R0FA	NI5M
K6MI	PY5CC	S57J	RN4AA	NS3L
K6VKO	RW4UU	SM6AOU	RV6ARZ	OE5CSP
KB4MRX	RW9QA	UX7UN	SP3BQD	OK1AYU
KC2STA	RX3AGD	UZ6LWZ	SP6AXW	OK2BVG
N2CG	TG9NX	W2UB	US5CB	S57AL
N3HBX	UB5ZAL	W3NRJ	VE3OI	UR3CRO
N3IQ	UT7KF	W4ZYT	VK3NX	UT7UU
N3JB	VU2CPL	W7ACD	W3KB	UU5WW
N4KE	W5WP	W8IW	W4MAY	V73AZ
NC6K	WB5TUF	W9NIO*	W6TDX	VQ9SS
NK7C	WN0L	WA2ALY	W7JET	W1CWU
NY4I	YV3AGT	WA8MOA	W8VK	W2EQ
RD9M	108	WB8BZK	W9CPV	W2LE
SM5BHW	AA4UC	WC1M	WA0RVK	W2NO
SV1VS	AI2Q	WC6DX	WB8ART	W4IR
UA3O	AL7R	WD9EQU	WS1L	W5JAY
US7MM	DL6CNG	WW1WW	XE2YWH	W5KI
W0UY	ER1LW	ZS2DL	YL1XZ	W8OP
W3XY	G3VAO	107	ZL3RJ	WA4MYO
W4DC	HB9BAT	4Z5LA	106	WA6TLA
W4NE	HB9FAN	DK3FB	AA4FL	WQ5W
W5ZPA	IK0PRG	DL1QQ	AE2U	YL2GN
WL7E	IZ0BTV	DL2CHN	DJ6OZ	YU3EF
XE1FAS	JA2MOG	DL5XU	DL2NOM	105
YU7AU	JJ2PIK	DO4DXA	DL3JSW	DF2PI
ZL3NW	JK1MZT	EA5AT	DL6JZ	DF8AA
109	JR1BAS	EA7QW	EA1CP	DJ3XD
EA3GHZ	K0MD	FG8OJ	EA3CCN	DJ6KH
EU4T	K1EP	G4AKY	HA8DZ	DL4ZAB
F8EZE	K1XM	G4RGK	IW3GJF	DL6XK
G3SVD	K2KQ	I5IHE	JA1VLK	DO1CTL
IW0HQE	K2MK	IT9XTP	JA2MNB	ES1GO
	K4WY	JA4EVN	JE6IGP	G3YUV

HA8FW	DL4FAP	UY0MM	KE1IU	HB9AHL
JA1BWA	DL7UPN	VE3VHB	KJ4R	I8LWL
JA1TAA	E73D	W0YBS	KJ7WY	IK4AUY
JA6VA	EA8ZS	W1QA	KM9E	IT9SFT
JA7BME	EI9E	W3DRY	KQ5M	JA0HXV
JA8RRF	F6AJA	W3TMZ	LX1DA	JA8OW
JA9APM	F8GB	W5BK	N0RU	K0YN
JF1RYU	G3BRD	W5CWQ	N1HOQ	K1PTF
JO4CFV	HB9CIP	W5GJ	N9BBQ	K2LP
K1DJ	HK3O	W5ZO	NU1T	K2TK
K2XF	IK0DWN	W6PH	OH3GD	K3KG
K5AV	IZ4MJP	W7DR	OK1DQT	K4AQQ
K6DJ	JA1JAT	WA0I	OK2BQU	K4KAY
K7OX	JA1SDV	WA3PTF	OK3BRK	K4LM*
K7PO	JA2FGL	WA9ETW	OZ7JZ	K5ZO
K9RO	JF1EGO	WW5G	R9GM	K7BHM
KI5T	JF6WTY	YC0LOW	RA0FA	K7UA
KT2E	JK1BSM	YO2CMI	RA4HT	K8BHZ
LZ1JZ	JO1WXO	YO5ODE	RK3QY	K8OQL*
N4JI	K0WK		RU3OW	KJ6NZ
N4NW	K1BG	103	SM3CBR	KN4KL
N4PL	K3FM	AA2VG	SM6EHY	KW4BY
N4SC	K4KEW	AG1I	SM7BHH	KY6R
N4VN	K4MF	AI3Q	UA3PFN	LA3ANA
N6NU	K4VIG	DJ1MM	US2WU	LA6UL
N7DR	K5HK	DJ3GZ	UT2AB	N0ODK
ND3L	K6UM	DJ7PI	VA2ZO	N5RZ
ON7PQ	K7TJR	DL2HX	VA3IC	OH2EA
OZ4AAL	K9EA	DL8YRM	VE3EDY	OK1DTN
PF7M	KA2BZS	DM5TI	VE3MFA	OK1JDX
PJ2/K8ND	KH6KG/W5	DS3HWS	VE3VV	OK3CSQ
PY2DS	KI0KB	EA7SG	W0QC	PA7TWO
R6YY	KW0A	EU6MM	W0UVC	PV8ABC
RA6AF	LZ2XF	EW3LB	W1CTN	PY2DO
RD4WM	N3ER	G3BDQ	W4AVY	R2AB
SP5JXK	N3TR	G3OIL	W4MZ	R3IS
UA6LCN	N4GU	G4AAW	W4TMR*	RU3UN
UR1RWX	N4TTE	G4PUQ	W5THT	S59DJK
UR2RGN	N6PF	G4VGO	W5VU	SM6WET
VE1PZ	N6WM	I0OSI	W6SZN	SP5MXZ
VR2MY	N8MZ	IZ0BVU	YO7APA	T77V
VY2ZM	N9DR	JA2GQO		UA1AIR
W1LE	NJ9C	JA2OLJ	102	UA1CKC
W1LY	NN3Q	JA3FHL	A6/RV6LNA	UA6HOF
W1MRH	PA0GMM	JA8EJO	CT4BD	UA9MR
W4OWY	RA1QX	JE1SYN	DK3QM	UA9UCO
W6FF	RU3UR	JH1DGQ	DL3DXX	UW7CN
YU1NR	RZ6DX	JM2RUV	DL3NCR	VE2FYR
	RZ6LB	K0EOO	DL4CW	W0JMP
104	SM5CCE	K2TER	DL4KUG	W1AW
9M2AX	SM7CQY	K2UVV	DL5RDI	W1PV
AD1C	SO5AS	K4LQ	EA8AKN	W2LW
AG4Q	UA9FGJ	K5JUC	EI4DQ	W2TX
AH0U	US5CAO	K7BTW	EI6GF	W3EKT
CP8HD	UT4EK	K8CCV	ES5RW	W4ALF
CX3CE	UT7EC	K9MUG	F6BWO	W4KK
DK3BK	UX4UM	K9XJ	FM5WD	W5RF

W5TO	KE4S	WA3EKL	K3TZV	OT1A
W7IUW	KF7NN	WB3HLH	K4FT	OZ1ZD
WA0IDK	KN6J	WC4H	K4KGG	PA0INA
WA1S	KQ1F	WK9U	K4KSY	PA7RA
WD8DSB	KS4XQ	WR2G	K4QS	PY7DJ
WS4Y	LA2GV	WV9L	K4UQC	R3PJN
YO2IS	LZ1XZ	YO2OXD	K7VIC	R9JX
	N0STL	YO6BHN	K8BZ	RA3SD
101	N2AJ	YV4DYJ	K8CR	RA4LW
AA3LX	N5AQ	ZS1J	K8CS	RA6XB
AA4NU	N8AG	100	K8LE	RC2A
AC2AC	N9JCS	9M6YBG	K9NZ	RN1A
AC5O	NX2X	A41ZZ	KB0EL	RT5A
CT1JGA	NZ9Z*	AA4AK	KC0V	RU3GF
D44BC	OA4TT	AB4VW	KC4D	S53MJ
DH2FW	OE3WQB	AC4VM	KC5LT	S59SV
DK9WI	OH3TY	AI2S	KD8BZY	SM0CXU
DL1KS	OK1PGF	DH0GSU	KN9N	SM5AHK*
DL3ANK	OK2BOB	DJ6OI	KP4N	SV1FJP
DL5JS	OK3EY	DK8MM	LA8W	SV1VJ
DM3ML	OK4MM	DL1MEV	LU5OM	SV2DSJ
EA1WX	ON4LG	DL1TPY	LU5YF	TI5CDA
EU1TT	PA4WM	DL1TRK	MM0SJH	UA3AKI
G3ZFC	RA3AH	DU7ET	N0AH	UA4PAY
G4FJK	RA4P	EA2AAZ	N0ATQ	UA6CEY
GM3WTA	RA4SD	EA3ALD	N1GFV	UN2G
HB9NL	RB7GG	EA8AXT	N1KI	UN6P
IK5ZUK	RK9F	EC5A	N1MD	UR4CW
IV3GOW	RY6M	EI3ISB	N2CJ	UR4LRG
IV3KCB	SM2DMU	ES5NC	N2SG	UR8IDX
JA1VVX	SM7NDX	FM5GU	N2XQM	VE1RGB
JA2VMU	SP7JLH	G0VXE	N3AF	VE3OAT
JA6TMU	SP9DH*	G4CGG	N4CRI	VE7JKZ
JE1PHH	SV1PL	GM3ZSP	N4RWG	VP2VA
JF1RPZ	UA0FDX	I2VGW	N4ZR	VR2PX
JH3HGH	UG6GAW	IK0HFO	N5QS	W0GYH
JH3PRR	UR5WIF	IK4MSV	N6PM	W0MU
JH7BKN	UR7CQ	IS0/YO3RA	N7DED	W1AN
JI3KDH	UT1CC	IT9CVO	N7TK	W1YRC
K0LW	UT4IS	IW0BYL	N8HRZ	W2CCC
K1YR	UT7HA	JA1BRK	N8IL	W3BBO
K2BX	VE2OJ	JA1CPU	N8NB	W4HHN
K3SEW	VE3ARF	JA1ILA	N8OQ	W4OEP
K4NNX	VE3XB	JA4FSH	N9ADG	W4OV
K5DNL	VK2GR	JA5DQH	NA6O	W6WA
K5WE	W1FC	JA9CGW	NB3R	W7BA
K6AAW	W1GF	JF3DRI	NG7A	W7DT
K6XJ	W2SF	JH7XPW	NJ3I	W8CNL
K7AR	W3WH	JS6TWW	NN4SS	W8FN
K7IA	W4BUE	K0LB	NV4B	W8GDQ
K8BN	W4PM	K0SRL	OE5JDL	WB4SON
K8YYY	W7AV	K0XM	OK1DXD	WB8TGY
K9JU	W7CB	K1NA	OK2PAZ	WK4Y*
K9PG	W7QC*	K1NZ	ON4ANN	YB1TJ
KC4PX	W8GB	K2CBI	ON7EH	YL2SM
KD3UY	W9MAF	K2CYE	ON7GB	YO9FLD
KE1VT	W9ZCL		ON9CC	ZP9MCE