

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 10 Dec 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 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	325 K9UWA UA2FF	N1DG OH3SR W2VO	W5IZ	JA1BK JA4LKB K1UO RU3DX
341 EA8AK	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 PE5T S50U W1JR	309 I4EWH IK4MGP	302 DL4MCF SV8JE
340 K1ZM		314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IV3PRK K4SV K8GG UT3UA	301 DL9KR F6BKI LZ2JE N1RJ N3XX SM3EVR SP3EPK
339 W4DR W4ZV	323 SP5EWY		307 DJ7MI N4RJ OH5VT VE3EJ	
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA VA3EF
334 N4WW	321 WB9Z	312 OH1MA S54E	305 CT1EEB JA7NI K4ZW N4IS NN4T SM3GSK UA6A	299 K4TEA N1BUG SV1FJA SV8CS UX1UA W7UT
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I RA7A RZ3AM SP2FAX		
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR W9ZR			
330 AA1K HA0DU OH1XX R4GM	318 4X4DK		304 DJ0MDR GM3GAV	
329 K3UL UA4HBW	317 W3LPL	310 I4AVG RA3CQ SM5BFJ SM6CVX	303 F5LGE G0JHC GM3YTS	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ
328 UA4CC	316 IK4WMA K5RK			

RA3DX SM5CEU	290 UA3AKO UT1UY	R3OK SM6DHF	SP9DWT	269 K6ND KD5M W1ZC
297 DK5PR N4CC OM2XW W0FLS	289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD HB9BIN I0WDX IK6DLK K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	276 G3LZQ N8RR N9IW OK1AWZ VE2TZT	268 DL5DSM G3WPH K8PT RA3XDX W1MK
296 DF3GY F5NTV G4PWA ON5NT RY9C W1JZ	288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	281 DF2PY JA2PJC K1CP S59Z W4TO	275 9A1CCY F5NBU I2AOX IK4CIE K2UO K4IQJ SP6AEG UW2ZM	267 LU8DPM RZ3DX
295 K3UA	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	280 EA6NB KG4W RV3LO SP6HEQ YO3APJ	274 CT1EKY G3TXF JA8ISU KF2O W6UB	266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD
294 DL1AMQ JH2FXK LA5HE N0TB RJ3AA WD5COV	286 DJ2YA K3SX N3SL PA0WRS UA3AB UR5WA UT7UW W8AV	279 F6AOJ IK4DRY JR7VHZ N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ
293 JH4UYB S58T	285 G4CCZ K5XI	278 DK0EE F6BEE JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV N3NT
292 G4BWP IK1GPG IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	284 SP3DV UX1AA	277 AA4MM DJ9VA DK5WL HB9AMO IK5BAF K1ZZ OH3BU ON7TK	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV SP9JZU	263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M		270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY

261 9A4T DL9YX K2EK K5KC N6SS NO8D SP1S	254 I1EIS N0AT OM3DX WA4FFW	K6XT NN4X NO2R OE2LCM R7IA WA7NS WB3AVN YO9HP	N5TY* N7RT OK1DWJ SP5GRM UA3TT VE1YX VE3NH	K9ZO KC7V OK2ZI OZ4O SP8AJK
260 K1LT K4DY UT9FJ	253 5B4AGN IV3YYK JQ3DUE K5ESW S58Q UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JF8QNF K2FF N6TR TF4M UR5EDX W2TQC W5XZ	240 EA6ET JA5MHD JR3GWZ K0JUH K0KT K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM EA6VQ JA0FSB JH4ADV K3SWZ N6DX R7DX VE3XN
259 DF4PL F6GCP G3ZSS I1FQH K8FL R9FM	252 EA1DR JA2VPO JF2MBF JG3QZN JR3IIR ON4AOI PA4VHF R5DT S52F W3UM	245 DL4CF JA1GV JA7QVI N9US RL9F RY7G W9XY	239 AJ6T K1DG K1HTV KH6AT LY3UM NV9L RN3QN RU3QR SV1ELF SV1RK UW5ZM W3LL	234 IZ8FFA JG1ULJ K1AR K4UTE KF0QR PY1BVY S51DI
258 KW9A N2NL RN3CT VE3QAA	251 DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP JA1HGY ON4IQ	238 AC4G DL8WN IK0XEZ IZ1LBG JA0DAI OK1CF RA0FF VO1HP	233 DJ5FI JH1HGC K0CS K2UU KA7T SK3PY UA4HAU VA2WA W1TC W7AO
257 AA1QD JH1GZE K1GUN K9NW N4II N8TR W9YSX	250 AB3CV HB9RG IK0XBX NQ1K OZ8BZ SV8CKM	243 DK2JX DK3DG JA0CRI ON4ATW S57A W9RPM WX4G	237 DL7MAE IW1ARB NI0G OM4EX WA7NB	232 EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP
256 9A5CY JA5BZL K5VRX KY7M SV8GFW W1TSP W3DF	249 AI9L K9RX SP5DRH	242 EA4KD G8VR KG7H	236 AB4I K1JO K5EK K9NR	231 4X4NJ HA9RE IK0YUT N6AR N7NG ON4ACG W9IXX
255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI	248 K3WW K5RX SM3VAC T77C W9NGA	241 JA1SYY JA3EMU K5ZK KA9CFD N4XM		230 DF6PB
	247 K0IEA			

JA1CMD KD0Q N8JV SM3NXS W4GF W4VQ	K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ SP8NR VA5DX W7KW	HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	N7JW W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW
229 CT1FJK DJ4AX JA8FKO JI1BEX OE5NNN RO7T	224 MM0EAX N0AV N8BM* SP5INQ SP7GAQ VK6VZ W2RQ	219 IK3VUU JA2FBY JA2FJP LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2IVK JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA KG9N N9LB VE1DX W0ZR W7KNT W9OO
228 AF9H AI0O E72A K4HB N2WK OH2BEN VE3DZ WB6RSE	223 AB0X DJ8NK HA7TM JH2TPI RT6T SV2JAO UR5FEO ZS4TX	218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5EJ K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT LA7HJA N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ
227 DL7HU ES1RA I3BUI IK0HBN IK6FWJ JA1UQP JA2NDQ JA9CHI K1FK K3NW N6JV W9BF	222 IV3JVJ K3SV K6EID K8FH K8ZTT N5AW N5JR N8PR N9BX SM0CCM	217 DM5EE JH1IFS K5PC ON6YH UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS
226 9A8A DL5WW JA6BZI JF2KOZ JR6EZE K9FD* ON4GG SP3CGK US0SY UT5JAJ VE6WZ W0VTT	221 JA2WYN JJ3PRT K4MWB K8SIX KV7K N6VR VE3LYC W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ N4PQX N5UL OE1ZL RA1QD RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW
225 A45XR JH7PFD K1MM	220 AG8B DK2NG HB9LCW	215 IZ8FWN JH0INP		

VE3BW

205

F6EXV
I4KDJ
JA3AAW
K9YY
KA9FOX
W8UN
WB8ZRL

204

DJ5AV
EA5KA
F4BKV
IK7NXM
JA9NFO
K4JJW
K9US
KK4SI
LX2A
N4NX
N4QS
N7FU
SM2OAN
UA0SR
US6EX
W2HUV
WD8PKF
WF4U
WI8A

203

AA5AM
JA2XYO
JE1PNX
K4XO
K9MMS
KK2I
NK1K
OH1TV
PA0A
R6AF
W7DO
W8GC
WA2HZO

202

DL1MGB
DL2KQ
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JA3CSZ
JA5AQC
JH3VNC
JI2KXK
K2NV

LY1G

N5ZM
N7KA
OK1DOT
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RA3S
UA9FAR
W1NT
ZL3IX

201

AG4W
CU2DX
DL1EJA
JF1PUW
JO7WXN
K3HP
W0MHK
W2IRT
W5TCX

200

G0OIL
IK0FVC
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JH2RMU
K1GE
K1GG
LA5YJ
RW4NN
RW7M
UY0ZG
W0DD
W3GG

199

DK2LO
G0BNR
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JA2DPC
K6GXO
KB8VAO
N4DW
W1TO
YO2DFA

198

DL1ROJ
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G4BUE
I5KKW
IT9JNR
JA4PXC
RX3APM
W8HB

197

G3SNN
JA0EOK
JE1BMJ
JH2UVL
K8NVR
LA7AFA
OE4PWW
OE5FIN
ON4CD
RZ6FA
UA0SC
UT5EL
W0FS
W4UM
XE2X

196

4Z4DX
AA4HP
IK4PLW
JA3RAR
K8PO
KP2A
ND0N
RA9CMO
RZ4FO
W2FCR

195

EA3JL
EA5RM
G3ZEM
JA1EOD
JH1QAX
JN7FAH
K3PA
K7SO
K9RT
KF8UN
N1SV
W5ZG
W9OP
WN6W

194

JA1XEC
K4KDX
K9JF
KB9LIE
SM7GIB
W2LO
W4FC
WD8JJA

193

CT1IUA

DF2GH

DK1FW
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HA5BSW
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N5LZ
N9EN
PA0LOU
RN1ON
UA0CA
W9MU
WA2VYA

192

9A2NA
JA7JWF
JH1RFR
K3FN
K4FJ
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K7GM
K9EU
KF7PG
LA0FA
N4DB
OH2IS
W3UA
W3YQ
W8LGJ

191

CT3MD
JA1ANR
K0BBC
K0JGH
K8FC
K9LA
NE1B
RK2FWA
WE9R

190

IZ8XQC
JA0VSH
JA1DUH
JA1MCU
K2TE
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KM1D
N4XU
N5GH
SP2LNW
VE7VV

189

9A2F
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FM5CD
SM0NJO
SP7HOV
UA7T
WA3C

188

AB4IQ
CT1FMX
JA1KQX
KB0EO
KB1EFS
KE9ET
KL0S
N8LJ
RM0F
W1YM
W6SR
W8JV
WA6YEE

187

AJ1H
JA8DNV
K0SR
K6SRZ
KN5O
N2NS
OK1CZ
SP3FAR
W7AWA

186

IK2QPR
JA2LCP
K0BJ
K7LAY
YL2TW

185

AB6QM
CT1EAV
EA6BF
G3KWK
IK3SWB
K5ZD
LA3WAA
N4TJ
N5UR
OE2BZL
SV1DPI
UA9CBO

184 HA5WA JA2ZL JF1NZW K4HGX K5KLA KB4ET N9RC S57AC US8UA UT2UB W2YJ	W1RM W7BEM W8TN	W4BP W4GD YO7NE	G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WA9PIE WC4X	168 G3MXJ I2ZGC IK2EGL JA6VQA JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB
183 CT1FPQ HK3W IT9INO K4CN K8RRT K8VC N9MB NN2L ON6SAS W2FP W8NW	179 IT9ELD IW0SAF JA9NLE K0TT K8WK N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN	175 JA1CHN JG0CQK JH2QMT JS3CTQ K4DLI K5GKC LA5LJA N7IR N7XR PE1L TF3SG VE3FF W8HC WX0V	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N
182 DJ9ON DK3UA JA1SHE JA3ENN JR7BDQ N3OC UR3EO	178 4Z5CX EA3CJ JA4MRL JL1SAM K2UR NE0U SM7DLK SV1JG W6NWS W7MEM ZS1LS	174 4Z5MU JA0GJJ JA1PPW JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2KA K3AJ K4TR K4WS N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WT8C	170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS	
181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W9AJ	177 9H1SP AE5E CT1GFK K3WC K4RG K9NU OK1DWC SM6DHU W2OR W5LT W7FI WB7B	173 5B4ALJ I1JQJ K1NTR K4XR K9YC KA1J N5FG PY5EW RC9F UN9L W3IP	169 IK0PEA JA1ADT JE2LPC JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7Yaq WB3JFS	166 4Z1UF DJ4SO HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC
180 DM2DXA DM3VL EA8JF IK4ADE JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP	176 EU1AB G0BLB I6FLD JA0DET JA5IU JA6BJV JA8KSF K8MN N5OK RL3FA SM5FUG SP1MGM	172 EA7TV		

W1RR
W8ILC
WA8TXT

165
DL7UCX
F6HDH
HB9TKS
IK0AGU
JE7RJS
JH7CFX
K5JZ
KK4CB
N4HB
N9FN
NY0V
SM4CTT
W5BN

164
GU4YOX
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JA7ZP
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N5WA
RA3ZH
RN3OG
W4DKS
W4NS*
WP4G
WW3S

163
9A2JK
DJ9HX
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JH4CPC
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UR4CWQ
VE3CFK
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162
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LB6KC
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W0TT
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161
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160
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RU6L
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WD5BJT

158
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JI1NJC
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157
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156
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UA3SAQ

VA3LX
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155
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W2XI
WE1P
WS5W
ZS6EZ

154
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JA8NFV
JR3OEH
K0KVR
KR2Q
NX8Y
SV1CNS
W1NA
W5DNT
YS1RR

153
AJ9C
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DL3ZA
G3TJW
HL2CFY
IZ3ENH
JF1IRW
JR9OPJ
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K8VFX
KD0PO
LZ1PM
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N5TW
N8II
R9OK
SM6CLU
SP5CCC
UT5UY
WB8BPU

152
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UN7LZ
UT5AB
VE6LB
W1SKU
W1VT
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W7AJ
WB3CQM

151
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K2FW
N2ZN
N5JB
OK1ATP
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RU3A
S54A
SP7AWG
SV9AHZ
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W7RH
WA1Z
WA2BCK

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JA2NQG
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K1OA
K5TR
K7LV
K8AJS
KU4XO
LA6OP
N3QE
N9CO
OE8SPW
ON6AA
SQ5EBM
UA6YW

W2/CT1GIF	JA5XAE	W8RLS	NJ3K	IK8EPC
W6DAO	JH1GNU	WC5M	SV3FUO	JA3OOK
WW2DX	K5KV	WD5T	W2CG	JF3LOP
149	K5SM	YO3CD	W3BW	K1RO
DL7CX	K6NR	143	W4JVN	K2RET
HB9HFN	K7WP	DL1DUO	W4VIC	KJ6P
I0JBL	N7BT	DL6EN	W4WT	LB5WB
IK4FNF	OH1JP	HB9RYZ	W8GNM	OZ8X
JL1ARF	RU0SN	IT9BLB	W8HW	RW4CY
K3TN	W1IZL	K7CMZ	ZS1C	UN7JID
K4YYL	W1ZT	K7CW	140	V51B
K5VWW	145	N2RJ	9A1CAL	W1GD
K7HP	AF4HX	N2WM	JA4OK	W2YE
K8ME	HI3T	N5UW	K5WK	W4YV
K8ROX	JE6TSP	N6PAT	K6KLY	W7OM
R8TX	JH4HMG	NN4R	KF8DX	137
SM6CUK	JH7RXU	W0IZ	N4XP	EA1YO
UW7UA	JJ3HGJ	W6QUV	OH6NIO	GM3YOR
W0GG	JK1AJX	WB8CQV	ON7DR	IZ2FOS
W7HPW	K3VAT	WB8ZRV	UN1L	JA3APU
WB8B	K4OY	WD9DZV	VE6SV	K2QMF
WD5K	K8BL	142	W0SEI	K8NS
YO3DDZ	KF6HI	I5HOR	W4NU	RA3CO
148	KR0P	JA2ATE	W7IV	RG7G
DK2CC	N1CGP	JH0BQX	W8LWU	UU1JA
F5CQ	N4GG	JR7WFC	WO2T	W1ITU
F5LVL	N6PSE	K3PP	YL2MU	W5ODD
F5PAC	OE6VIE	K4WZ	YO9FNP	WB5JID
G4FTC	RT0F	K6EME	139	136
JH1QDB	SM3DTR	KK1W	DF7EE	E72U
JL1UXH	W5ADD	LA9VFA	DJ4XA	ER0FEO
N2WB	144	MM0SAJ	DL5EBE	HB9IQB
N5XZ	CU3EQ	N7QT	DL8OH	IK8CNT
NE3F	DL5CW	NA4D	DS1JFY	K0TV
W5FKX	DL5KUA	NQ7R	HB9CQK	K4ZO
W9JJB	E70T	NY2NY	JA1TMG	K7TM
147	EI6IZ	OK1DO	K3ANS	KR6C
EA3GP	GM3ITN	W2OO	K6AM	NA5DX
IV3VBM	HB9BYQ	W5LUA	K8GI	OK1DW
IZ0RVI	HS0ZEE	W5VQ	K8RF	SM5OJH
JA1XQC	I5MXX	WA5POK	KA8SYV	SP2BMX
JN1BMX	IT9GSF	141	KM3T	UT3UZ
K8UT	IV3DXW	AC9S	KU0A	UW8SM
KM1H	IZ4GWE	DL5MHQ	LA8WG	W2OIB
N1IBM	JA3GN	EW1BA	OK1MP*	WB7QXU
NA5C	JE1FQV	HB9FMT	SM5CBM	135
PC3T	K0VSH	JA1PTJ	SV8ZC	5B4MF
W1OP	KJ9C	JA9RRH	W0SD	DJ9ZB
W2KKZ	LA9GX	JH1HHC	WA8WV	F6FXU
146	N1IX	JH4JNG	138	IK8GYS
EU4A	N3KK	JI1DCW	DK8MCT	IU0HDC
JA1HQG	SM4OLL	JR2LJO	DK8YY	IZ7EVZ
JA4DHN	SM5CLE	K2RW	EI9FBB	JA2KVD
	W4GE	N8OC	F6DDR	JA7LMZ
	W7ZI			

JA8BNP	JR6FC	N3MK	128	W3BG
JA8JL	JR7FRW	N4QWZ	AA4SC	W3FOX
K1ZE	K2CDJ	N5PHT*	DM2RM	W3MF
K4TT	KS4YT	N6RK	IK2SGB	W8LMG
K4ZRJ	KU2A	ON4ON	IT9ZZO	XE1KK
K7FL	OE1KM	PY5EG	JA1XCZ	
K7XB	RA5BM	R0SR	JA2AHH	126
NZ9R	RV4LC	R9MJ	JA2KSP	AC9EM
R3VA	UQ2PZ	R9SA	JA5FDJ	DJ8WD
R7LP	VE3WT	W8DCH	JA9AA	F8BPN
RN3RQ	W0NFL	ZS1A	JE1LFX	G4IUF
SM3LGO	W2QO		JH4GJR	JA7KY
SM5CZK	W5AJ	130	K0FF	JH3CUL
SP3XR		DF9ZW	K3XA	JJ1DWT
SV5DKL	132	E73M	K4JAF	K2ZD
W1DIG	AA4NC	EI2JD	K4SE	K4JKB
W1EQ	AB9M	G7VJR	K6LPO	K4XU
W2GD	AD6W	HK0HEU	KG7CW	N8NA
W4BUW	IK3VBB	IK3XJP	KM4NS	OE3SGU
W4MBD	IT9RDG	JA2FBC	N5KM	OK3CQD
W4RFZ	K6YUI	JG1DUZ	OZ1IKY	PA5TT
W6DR	K9ZM	J14POR	R9SG	VE3CX
W6JTI	N6HY	K2MYR	S53X	VE7BV
WE4S	OZ2RH	K3NK	S55DX	W8REW
	SM4BZH	K7LFY	SM3GQP	W9ILY
134	SM6BGG	K8BCK	SV3DCX	WB0O
CT3HF	SP6M	K9GL	US8UW	WB2REM
HA1RB	VE3CRG	KO8SCA	VQ9LA	WD4LBR
IK4DCS	W4AXL	NA4EA	W2WC	YU1EXY
JA7LGE	W4RBO	NO9E	W4IS	
K1TO	W4WM	OZ2ABI	W6RKC	125
K1ZN	W5SL	R5QA	W8KA	9A1AD
K3OX	W7AH	R9AB	ZS6UT	AG1A
KX4TT	W7CD	RU1AO		GW3TMP
N9MR*	W9FR	S51NM	127	HK4SAN
N9RS	WB3D	TA1CM	CT3KN	IW0HEX
OE1TKW	XE2S	VE3DO	HK1MW	JA4IYL
OH1ZK		W2MPK	JA1DDH	JA6VU
ON4CAS	131	W9ZT	JA1WLO	JE1TSD
PY5HOT	DK7YY		JA8RJE	JE6UWU
RG6G	DL9FCY	129	JA9KRO	JF2WXS
RX4HW	G3UHU	HB9AZZ	JH3AIU	JH1AGU
SM0BYD	HS1NGR	JA1NWD	JN1RQV	K1HAP
SP6JIU	IV3KFB	JA8JO	JS2LHI	K5KG
UA0ACG	JA0AOO	K6XM	K0RW	K9GWH
W4JKC	JA2TBS	K8DV	K3TRM	KA6BIM
YU1AM	JH4ADK	LB7ZG	N1AC	KI4WCQ
	JJ1TEA	N0YY	N1GC	LZ1XL
133	JM1FHL	N2BJ	N9RD	N2KA
9K2NO	K1UU	N3KS	OE8HIK	N3EN
EU1U	K5VIP	N3RR	PA3EWP	N4JT
G4XEE	K6SIK	W0YVA	SK7AX	ND5S
IK5DNF	K9DR	W7QHE	SP6A	NW6S
IZ8DFO	KC2LSD	W8MET	SP7ASZ	OE1AZS
JA6CBG	KH2L	W8MK	W0CP	RA0BA
JA7GLB	KM3V		W0RT	UU7JM
JA9AGN	KM4H		W1OPD	VE3UTT

W5DAW	W1AO	W3RJW	G4DJJ	YO4AUL
W9CG*	W4NF	W6XI	HB9AAQ	
WV4TN	W8NJR	W9FI	HB9BCI	117
YO2RR	WT4Q	W9XX	I2TZK	9Y4VU
	XE1H	W9YE	I4MKN	AE0P
124		WA1PMA	IK0ZIO	BH4IGO
AA7XT	122	WY1G	JA3AZD	DL1DWT
AB1OC	BA4RF	XE1VIC	JA4XGC	G3PLP
J11DHY	G3NDC		JE2JMV	IT9DAA
KD2T	IU0LFQ	120	JH6CDI	JA1HQT
KD4POJ	JA1MRM	9A5F	K3NF	JA4FM
NA2U	K1BZ	AA5JF	K5UZ	JA7GYP
PA0TCA	K1ESE	AL7TC	K7EG	JA7IC
UA0BA	K1YT	DL2VWR	K8KWT	JM3GXU
VA7CRZ	K2MP	FG5FR	K9SG	JR2UBS
VE1DUN	K7ZA	HB9BLQ	N0KV	K2BB
W2JU	LA7WCA	IZ0LKV	N4DJ	K6PJ
W2RIJ	LA8PT	IZ5NFD	N9UA	K8OOK
W3FM	N3NR	JA4EPE	NT2A	K8QM
W6CYX	N9AW	JR3UIC	NY7T	K9FN
WB8K	NN7X	JR6LLN	OH5NG	N2JJ
	OZ3Y	K2BA	OK1DT	N4IR
123	RD4A	K2HK	R6FFB	N8AA
AC4TO	SP9WZS	K3QIA	SV1ACK	N8XI
DL7JRD	UU4JMG	K6FW	VE3YF	NY4G
F4GTB	VE6AX	KA8ZPE	W4HZ	ON5UE
G4WFQ	VK4CAG	N4BAF	W8FIB	OZ5HP
G5LP	W2TB	N4LR	WC2K	SM7BIC
HB0WR	WA3I	N4TB	XE1RCS	SP8HKT
IK2CHZ	WA7BNG	N4UFP		UA6J
JA0CRG		N8PW	118	UB3A
JA1SJV	121	OE3EVA	5T5PA	UR9IDX
JA3MHA	AA6RR	OZ2A	AB2E	US1CT
JA6WJL	AA8CH	PZ5RA	DL5OCE	W4ZRZ
J14WAO	DF1DB	RL3BZ	JA4FHE	W6SL
JK1EXO	DK1EI	SP3PLD	J18DGO	W8ZR
JR1EBE	DK6CQ	SP7ITB	JN7DOS	WA2USA
K2PK	EI2GLB	SV1IW	K3WGR	
K3FRK	HB9DHG	UR5IKN	K4CNW	116
K3XO	IT9AAI	US0YA	K5XM	AJ4F
K4ZIN	JA2HYD	W0RX	K7PI	DL7URH
K5GH	KD8RQE	W2YR	K8LN	EA5BRE
K5JC	KG9Z	W3OA	K8WVA	HA7PF
K7UT	KV4AA	W4PRO	KD6UO	HB9EFK
K9CS	N0OK	W6RFL	KG8CW	IK0EIE
KV4T	N1JP	W7RN	LZ2HM	IK2OHG
N2ED	N3ND	WP3R	N2MM	IT9TQH
N4DWK	N4TL	ZL4AS	N6MB	IV3HYD
N6MZ	N6HC		PY2PA	JA1WTI
N9JV	SV1AHX	119	RN3TT	JE2EHP
N9LQ	SV1FKZ	AA3AZ	SV9COL	JH3GCN
NA2P	UQ1GWW	AA4DD	TA2RC	K1DC
NA9RB	UT4EO	AE3T	W1KSZ	K1RI
S50B	UU2JQ	AJ4A	W4DAO	KT1V
UA3DK	VA3AYA	DK3GG	W4NJ	KV1J
UR9QQ	W0QQ	DL9OBY	W5JMW	NA9Q
UT3QU	W2GG	EW4M	WX3P	OH8LXT

OZ1LCG	G3SDL	NZ3M	UT6UD	WA2MUA
PA0JSE	HP3TA	R7NA	VE7XF	WB4TDH
RV3ID	I5OYY	RA4UN	W1HEO	WB9EEE
TZ4AM	IK7YZG	RZ3AUL	W2CVW	YL3DQ
UA4PCM	JA1OVD	SM5ARL	W2SKI	YO6HOY
W1ENE	JA4KDT	SP3EPG	W3UL	
W1WEF	JH6WMJ	SV1JFV	W4VHF	110
W7GG	K1RV	SV2AVP	W5VX	BA4MY
W7OEV	K2DC	UN7TW	W6TC	DL1VDL
W8LRO	K2HAT	VE3KI	W8GEX	EA5BYP
WQ5L	K3MD	W2GW	W8HMK	F5BAR
	K3OSX	W6BK	W9SE	G3LNS
115	K5CD	W8FAX	WA8OLN	G8AJM
C6AGU	K5RJ	W9DX	WT9U	HC1BI
CU2CE	KB8U	W9VNE	ZP6CW	HI8R
DL9GOA	KZ4V	WA2BOT		I2BBJ
G8BCG	N1QY	WA4DOU	111	IK5RUN
G8DX	N3MN	WB2HJV	9K2OD	IK8UHA
HA5UK	N4IQ	WB2UFF	AA4U	IZ0CKJ
HK3PJ	NU8Z	WS4C	AF4OX	J68HZ
IZ7JVR	UA3FT	ZL1BYZ	CU3AN	JA7EPO
JA2KNW	W0VX		DG7RO	JE2UFF
JA3NHL	W3MR	112	DK2WH	JH1VHU
JA5WIZ	W4TUN	A92IO	DK6ED	K2BLA
JG3LGD	WA1FCN	DJ1RL	DL1HRN	K3JRR
JH1RFM	WA4CEM	DK5RL	EV1R	K3PH
K0GD	WA8MCD	DL5CL	F6ECI	K4WW
K0SD	WA9YYY	EA1JO	G4DBN	K6MI
K4CMS	WN9O	EI8IU	HL3GOB	K6VKO
K4GHS	XE1RBV	EW1DO	JA1AUD	KB4MRX
K4GK	XE3ARV	G3XGC	JA1FGB	KC2STA
K8YTO		HB9CEX	JA1NCZ	N2CG
KZ5DX	113	HB9CRV	JE8TGI	N3HBX
LY4T	9A1A	HB9G	K0FLY	N3IQ
N0IRM	DJ5DT	IK2ANI	K5WAF	N3JB
N4OA	DJ9RR	IU8FRE	K7ORK	N4KE
N5BO	DL8CM	IZ4DIW	K9AJ	NC6K
N8KOL	DL8DYL	JA1SXR	KM1R	NK7C
PA3AXU	DL9GTB	JA7BXS	KP4AA	NY4I
RZ6MJ	G4AFJ	JF2WGN	KZ0X	RD9M
UA1ANA	JA0GCI	JR7TEQ	LA0CX	SM5BHW
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UA6XT	JA4ITW	K1EDG	N7BD	UA3O
UN6T	JH1ORA	K1EO	N9HF	US7MM
W4UCK	K0TPP	K1KO	NA1DX	W0UY
W5VY	K8SL	K4UAS	UR6QA	W3XY
W9HBH	KA4RRU	K8CC	VE6KC	W4DC
YL2CZ	KH6DX	KB2FCV	VE7CT	W4NE
	KI0G	KI4DLS	VE7UF	W5ZPA
114	KT1J	KM1C	W0VHF	W6KK
AB4GE	N6PE	LA8HGA	W1FO	WL7E
BA4DW	N7KO	N5ZC	W4HOG	XE1FAS
BA7IO	N9ISN	N6MA	W4OX	YU7AU
CT3FN	NA3F	RU4SU	W5AQ	ZL3NW
CU3AK	NG0G	SM3DMP	W7VS	
DL6NB	NI5F	UA1ACG	W8MIL	109
F6CWA	NK5B	UA1CEI	W9RB	DF1KG

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EU4T	KM8AM	K8ZR	K5AM	JF1RYU
F8EZE	KN4JX	KB9DAK	K5ZQ	JF2VAX
G3SVD	LU2DKT	KE2R	K8JJC	JO4CFV
IW0HQE	LZ3YY	KZ1W	KD9HL	K1DJ
JA2CXF	N4MEC	N2RR	KK8X	K2XF
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K4RDU	N9SF	N4RF	KQ3F	K6DJ
K5FZ	N9TF	N6EE	N0JZ	K7OX
K5KA	NU4Y	N8AGU	N2CW	K7PO
K5KPE	PA0ZH	NA5Q	N2SQW	K9RO
K6MW	R5FY	OE1CP	N3XM	KI5T
KE1F	R7LA	OK2BUZ	N8AID	KT2E
N1BZ	RA1OHX	OK3CQR	NA5Z	KX2A
N2WLG	RX6DX	R0FA	NI5M	LZ1JZ
N7TY	S57J	RN4AA	NS3L	N2DPF
N8NN	SM6AOU	RV6ARZ	OE5CSP	N4JI
ND4V	UX7UN	SP3BQD	OH2OT	N4NW
NN4RR	UZ6LWZ	SP6AXW	OK1AYU	N4PL
NU4I	W2UB	US5CB	OK2BVG	N4SC
NX7U	W3NRJ	VE3OI	S57AL	N4VN
PY5CC	W4ZYT	VK3NX	UR3CRO	N6NU
RW4UU	W7ACD	W3KB	UT7UU	N7DR
RW9QA	WA2ALY	W4MAY	UU5WW	ND3L
RX3AGD	WA8MOA	W6TDX	V73AZ	ON7PQ
TG9NX	WB8BZK	W8IW	VQ9SS	OZ4AAL
UB5ZAL	WC1M	W8VK	W1CWU	PF7M
UT7KF	WC6DX	W9CPV	W2EQ	PJ2/K8ND
VU2CPL	WD9EQU	WA0RVK	W2LE	PY2DS
W5WP	WW1WW	WB6CJT	W2NO	R6YY
WB5TUF	ZS2DL	WB8ART	W3ICM	RA6AF
WN0L		WS1L	W4IR	RD4WM
YV3AGT	107	XE2YWH	W5JAY	SP5JXK
	4Z5LA	YL1XZ	W5KI	UA6LCN
108	DJ8ES	ZL3RJ	W8OP	UR1RWX
AI2Q	DK3FB	106	WA4MYO	UR2RGN
AL7R	DL1QQ	AA4FL	WA6TLA	VE1PZ
DL6CNG	DL2CHN	AE2U	YL2GN	VR2MY
ER1LW	DL5XU	DJ6OZ	YU3EF	VY2ZM
G3VAO	DO4DXA	DL2NOM	105	W1LE
HB9BAT	EA5AT	DL3JSW	DF2PI	W1LY
HB9FAN	EA7QW	DL6JZ	DF8AA	W1MRH
IK0PRG	FG8OJ	EA3CCN	DJ3XD	W4OWY
IZ0BTV	G4AKY	HA8DZ	DJ6KH	W6FF
IZ2EWR	G4RGK	IW3GJF	DL4ZAB	WQ5W
JA2MOG	I5IHE	JA1VLK	DL6XK	YU1NR
JJ2PIK	IT9XTP	JA2MNB	DO1CTL	104
JK1MZT	JA5EY	JE6IGP	ES1GO	9M2AX
K1EP	JA6OXT	JG3HBO	G3YUV	AD1C
K1XM	JA8JTH	JG5RVQ	HA8FW	AG4Q
K2CJ	JH9DRL	JH2KKW	JA1BWA	AH0U
K2KQ	JR1BAS	JH6PFY	JA1TAA	CP8HD
K2MK	K0MD	JJ0NCC	JA4EVN	CX3CE
K4SAF	K1TZQ	JR0EQQ	JA6VA	DK3BK
K4WY	K3SW	K0DEW	JA7BME	DL4FAP
K4YJ	K3YBN	K1PX	JA8RRF	DL7UPN
K6UT	K4MS			

E73D	UY0MM	N1HOQ	K2LP	AA4NU
EA8ZS	VE3VHB	N9BBQ	K2TK	AC2AC
EI9E	W0YBS	NU1T	K3KG	AC5O
F6AJA	W1QA	OH3GD	K4AQQ	CT1JGA
F8GB	W3DRY	OK1DQT	K4KAY	D44BC
G3BRD	W3TMZ	OK2BQU	K5ZO	DH2FW
HB9CIP	W5BK	OK3BRK	K7BHM	DK9WI
HK3O	W5CWQ	OZ7JZ	K7UA	DL1KS
IK0DWN	W5GJ	R9GM	K8BHZ	DL3ANK
IZ4MJP	W5ZO	RA0FA	KJ6NZ	DL5JS
JA1JAT	W6PH	RA4HT	KN4KL	DM3ML
JA1SDV	W7DR	RK3QY	KW4BY	EA1WX
JA2FGL	WA0I	RU3OW	KY6R	EU1TT
JF1EGO	WA9ETW	SM3CBR	LA3ANA	G3ZFC
JF6WTY	YC0LOW	SM6EHY	LA6UL	G4FJK
JK1BSM	YO5ODE	SM7BHH	N5RZ	GM3WTA
JO1WXO		UA3PFN	OH2EA	HB9NL
K0WK	103	US2WU	OK1DTN	IV3GOW
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K3FM	AI3Q	VA2ZO	OK3CSQ	JA1VVX
K4KEW	DJ1MM	VA3IC	PA7TWO	JA2VMU
K4MF	DJ3GZ	VE3EDY	PV8ABC	JA6TMU
K4VIG	DJ7PI	VE3MFA	PY2DO	JA7SFD
K5HK	DL2HX	VE3VV	R2AB	JE1PHH
K6UM	DL8YRM	W0QC	R3IS	JF1RPZ
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K9EA	DS3HWS	W1CTN	S59DJK	JH3PRR
KA2BZS	EA7SG	W4AVY	SM6WET	JH7BKN
KH6KG/W5	EU6MM	W4MZ	SP5MXZ	JI3KDH
KI0KB	EW3LB	W5THT	T77V	K0LW
KW0A	G3BDQ	W5VU	UA1AIR	K1YR
LZ2XF	G3OIL	W6SZN	UA1CKC	K2BX
N3ER	G4AAW	YO7APA	UA6HOF	K2TER
N3TR	G4PUQ		UA9MR	K3SEW
N4GU	G4VGO	102	UA9UCO	K4NNX
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N6PF	JA2GQO	CT4BD	VE2FYR	K6AAW
N6WM	JA2OLJ	DK3QM	W0JMP	K6XJ
N8MZ	JA3FHL	DL3DXX	W1AW	K7AR
N9DR	JA8EJO	DL3NCR	W1PV	K7IA
N9PGG	JE1SYN	DL4CW	W2LW	K8BN
NJ9C	JH1DGQ	DL4KUG	W2TX	K9JU
NN3Q	JM2RUV	DL5RDI	W3EKT	K9PG
OH4UI	K0EOO	EA1CP	W4ALF	KC4PX
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RU3UR	K5JUC	EI6GF	WA0IDK	KE4S
RZ6DX	K7BTW	ES5RW	WA1S	KF7NN
RZ6LB	K8CCV	F6BWO	WD8DSB	KN6J
SM5CCE	K9MUG	FM5WD	WS4Y	KQ1F
SM7CQY	K9XJ	HB9AHL	WW5G	KS4XQ
SO5AS	KE1IU	I8LWL	YO2CMI	LA2GV
UA9FGJ	KJ4R	IT9SFT	YO2IS	LZ1XZ
US5CAO	KJ7WY	JA0HXV		N0STL
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UT7EC	LX1DA	K0YN	AA2VG	N5AQ
UX4UM	N0RU	K1PTF	AA3LX	N8AG

N9JCS	AA4AK	KC5LT	UN6P
NE1F	AA4UC	KD8BZY	UR4CW
NX2X	AB4VV	KP4N	UR4LRG
OA4TT	AC4VM	KQ5M	UR8IDX
OE3WQB	AI2S	LA8W	VE1RGB
OH3TY	DJ6OI	LU5OM	VE3OAT
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OK3EY	DL1TRK	N0AH	VR2PX
OK4MM	DU7ET	N0ATQ	W0GYH
ON4LG	EA2AAZ	N1KI	W0MU
PA4WM	EA3ALD	N1MD	W1AN
RA3AH	EA8AXT	N2SG	W1YRC
RA4P	EC5A	N2XQM	W2CCC
RA4SD	EI3ISB	N3AF	W3BBO
RB7GG	ES5NC	N4CRI	W4HHN
RK9F	FM5GU	N4ZR	W4OEP
RY6M	G0VXE	N7DED	W4OV
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SM7NDX	GM3ZSP	N8IL	W7DT
SP7JLH	I2VGW	N8NB	W7JET
SV1PL	IK0HFO	N8OQ	W8CNL
UA0FDX	IK4MSV	N9ADG	W8FN
UG6GAW	IK5ZUK	NA6O	W8GDQ
UR5WIF	IS0/YO3RA	NB3R	WB4SON
UR7CQ	IT9CVO	NG7A	WU2M
UT1CC	IW0BYL	NJ3I	YB1TJ
UT4IS	JA1BRK	NN4SS	YL2SM
UT7HA	JA1CPU	OE5JDL	YO9FLD
VE2OJ	JA1ILA	OK1DXD	ZP9MCE
VE3XB	JA4FSH	OK2PAZ	
VK2GR	JA5DQH	ON4ANN	
W1FC	JA9CGW	ON7EH	
W1GF	JF3DRI	ON7GB	
W2SF	JS6TWW	ON9CC	
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W4PM	K1NA	PA7RA	
W5RF	K1NZ	PY7DJ	
W7AV	K2CBI	R3PJN	
W7CB	K2CYE	R9JX	
W8GB	K3TZV	RA3SD	
W9MAF	K4FT	RA4LW	
W9ZCL	K4KSY	RA6XB	
WA3EKL	K4QS	RC2A	
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WC4H	K7VIC	RT5A	
WK9U	K8BZ	RU3GF	
WR2G	K8CR	S53MJ	
WV9L	K8CS	S59SV	
YO2OXD	K8LE	SM0CXU	
YO6BHN	K9NZ	SV1VJ	
YV4DYJ	KA9UVY	SV2DSJ	
	KB0EL	TI5CDA	
	KB1HY	UA3AKI	
	KC0V	UA4PAY	
	KC4D	UA6CEY	
100			
9M6YBG			
A41ZZ			