

ARRL DXCC - 80 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 Aug 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.

358 W4DR	347 JA4DND K4DY	OH5VT PY2XB SM5CEU	UR0MC	RA7A SP5CJQ
357 W1NH	OZ1LO SM4HCM	SM6GZ W8UVZ	335 GM3POI JA1BK JA8EAT N2TK SP3EPK UA6A W4VQ WA4FFW WD5COV	330 9A7V CT1EEB F5NTV G0JHC G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV OE3GCU RU3DX SV1FJA VA3DX W2YC W5ZN YO3APJ
355 EA8AK	346 4X4DK I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	340 KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE W0BV	329 AA1V DJ2YA EA6SX I5KKW I5NPH IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ
354 K4MQG K5UR OH1XX				328 G3KMA GM0GAV HA5WA HB9BGV IK8HJC JF2MBF
353 JA1ELY OH2BU W9ZR	345 K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA R4GM UA3AKO	333 EY8MM I4EWH IK4WMA JH4UYB UA3AB	
352 N4WW W1JR	344 SM5AQD UA4HBW W7UT	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T UT5UGR W4QCU	332 DL4MCF JA5AQC OE6IMD SP7VC UT5UIA	
351 K2TQC SP3GEM W1NG	343 JR3IIR K8MFO LZ2DF PE5T SM3EVR W3UR WB9Z	337 JA3FYC K3UA W1YY		
350 SM0AJU W4ZV		336 HA8IE JA2WYN N3XX SM3GSK	331 K1UO N1RJ N8DX OK3GU	
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE N1DG R7LV W1MK			
348 JA1UQP K4PI W3LPL	341 DJ6RX			

K0SR K3FN N2LT N3SL N4CH R3OK SM5KNV SP3E SP7GAQ SP8AJK UA3DPM W3NO W5EU	K2RR N0RR OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	SP5DIR SV8CS UA4LY UT9FJ WI8A	314 AA4HP DF2UU JA2FBY JA3PIS JH2TPI K6XT K9CT K9NW N5DG OE5KE SM6CTQ	JA1EOD JJ2LPV JO1WKO K2RW K2UU K4XO K9ZO N8RR W0VTT W9RN
327 DL1RWN EU7A K4UTE N2QT OE1WEU OH2FT RZ3AM S58T W8AV	323 EA6NB HB9BIN HB9RG JQ3DUE N3NT RV3LO UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V DF3GY F6AOJ I0WDX JA3CSZ JA5MHD JR3GWZ K4IQJ K6EID N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K1MM K1ST K9RX LA7JO LZ2JE SM6CMU W5OZI W7OM	309 DK1FW EI7BA IZ5DKJ JF1PUW JH2FXK JJ3PRT KG7H N4II OH1LEU SM6DHF W1DIG W4UM
326 IK4DRY JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	322 IK1GPG JA1XEC K2FF K4QL K4SO K4XP K8GG R7NW SP9DWT UA3LAR	317 DL7MAE HL3IUA LA5IIA ON7TK S59Z UA3AP	312 DJ5FI DK5WL G3TXF G3XTT JA5IU K5EJ K5KC N8TR RK4FD RX3AGD SP1S VE2TZT WK3N	308 AD5A EA9IE FK8CP JH4ADV K3JGJ K5ZK K8SIX N4MM N5UR SM6CCO VE3XN W1TSP W2RQ W3LL W7AO
325 AA7A AG9S IK5HHA IZ0AEG JA2QPY JA3EMU K5BG KD5M N4PQX NJ6P PA3FQA R7AA SP3IBS SP8NR W1GL W9RPM YU1FW	321 E72A EA5BM F6BEE JA2JW K1ZZ K8PT N0AT N2NL N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JA8ISU JG1ULJ K9FD* N7RT SV1RK W6XA YO5BRZ		307 JA2JNA JR4OZR K0KT K3YA K4SV NQ1K OE6DK R9TO WB8ZRL
324 9A2EU CT1APE	320 G3TJW K1AR R9FM RU3FM RY9C SM5BFJ	315 AA1QD G4CCZ K0IEA K5DU K5OVC K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ	311 DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A ON4AOI RN3QN	306 AC4G DJ8NK JE2URF

JH3VNC K5EK WB3AVN	301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9NU KE9L KV7K OE1ZL OE5NNN VE3EXY WP4U	KX4R N2TN N4QS N5TY* R5DT SM3NXS SM4DDE W1RM	LA2XPA LY1G N5ZM OE5FIN OH2BLD R6AF SM2OAN	JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM0CCM SM6DHU
305 F6BLP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP		297 AB6QM DJ9HX DK2GZ EA3GP F6EXV IW1ARB K4MWB LA3MHA NK1K OE2LCM ON4IZ OZ4O W3KX W7DO YV1DIG	293 AD5Q JA2ZL JH0INP JK1OPL K8FL NI6T SP3CGK VA5DX VE6WZ W1BR	288 9A2JK 9A4T JA2FJP JA3AAW K9KU KN5O PY5EG SM5CZQ W1MU W4FC W6XK W7ZI W9MU
304 I4LCK JF3KON K3WW N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU SV8BHN W3GG	300 F6DAY IZ1LBG IZ8FFA JA0EOK K2SY K4CN MD0CCE N0AV N7US OE8HIK RA0FF UA9FAR W1CU W6YI W9IXX YO7LCB YU3AA	296 I1FQH IV3YYK JA7QVI JS2LHI K1DG LA8PT ON4CD UA3TT UR5EDX	292 K1LD K4ZYU K9EU SM3VAC SP5GH W2LK WA3C	287 EA1N EA6VQ F2JD JA3AZD JA6BZI JH4JNG N8DJX N9EN OE8RT SP7HOV W0MHK WA2UUK WS6X YS1RR
303 HA7TM JR1TNE K2CL K3UL N4DB N7FU W2LO W4DC WA2VYA ZS4TX	299 AI9L I0KDF K6ND K8ZTT KZ4V N6JV OZ1AXG RA3QK WA1JMP WA2HZO WA7NB	295 AA6AA AB3CV G4OBK IZ8FWN JA9LJS JA9PPC JF7DZA K3PA OZ8BZ SP6CDK W0YG WA5VGI	291 DL5AN EW2A JA2IVK JF7XKY JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	286 A45XR AA9A I3BUI IK0XBX JA0GJJ K2SHZ NN4X RA1QD RU6L WB6RSE
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC K9MM N4NX PY7DJ R8TX SM6BGG UT2UB W8GC	298 HB9BZA JA0CRI JR6PGB K2VV K4HB K9YY	294 DK5AD IK4DRR IV3JVJ JA2EPW JO7WXN	290 AJ1H CT4NH JA4MRL LA7AFA W1YM W2IRT	285 AJ6T CT1IUA DL5WW K1DT
289 9A4W JA2XYO JA4DLP				

K5RT
N5KM
NE1B
NM6V
SP7ITB

284

AD1C
G4IUF
JA7ZP
JH1TWT
K3WC
K8BCK
KA9CFD
UN7JX
W1ECT

283

AA1ON
G4WFQ
JF2XGF
K0CS
K1HTV
KM1D
MM0EAX
RU3QR
RW4NN
SM6BZV
W0FS

282

DK3DG
DL9TJ
EA5RM
G3WPH
K8YSE
K9US
LA9AJA
UW2ZM
W7BEM

281

DK2NG
EA6ET
K1OA
K4NA
NV9L
ON4ATW
W9AJ

280

AF9H
CU2DX
DM5EE
G5LP
K8EUR
N6DX

279

DL4CF
E72U
HB9DDZ
I4KDJ
IT9JNR
JA2AAQ
JA4DEN
JA4FKX
JI2KXX
KF0QR
N8LJ
SM5FUG
SP1MGM
W1ZK

278

4Z5MU
CX6VM
EA2IA
HK3W
I6FLD
IK6GPZ
K7SO
RW3RN
US0KW
W1UK

277

AB4IQ
DL6KR
EA3JL
G0OIL
G4GIR
JA3FGJ
JE1PNX
K6YRA
LU2NI
ON4GG
VE3FF

276

HA9PP
JE1SYN
K8WK
K9MK
OE2BZL
VE3LYC
W5TCX
WS9V

275

AA5AM
JE7ETY
JE7RJS
JE8BKW
K0JUH

K3MSB
N1RR
N5FG
ON4ACG
SM4CTT
SV2AEL
W1KSZ
W5AJ

274

CT1BH
F4BKV
I1JQJ
IZ8VYU
JA9NLE
K1NU
KD0Q
LA7HJA
N6ET
UN9L
W3DRY
W8TE

273

AG4W
AH7C
DF2RG
EA5BY
HB9LCW
JA1HQT
JA1SJV
K4JJW
K5FUV
K7XB
N9UA
RN3CT
SV1DPI
UN6T
W6TMD
W7WM
WD5K
WN6W

272

HB9DDO
JA1ANR
W1TYQ

271

DJ5AV
JA6LCJ
K5XX
NA5C
VE3BW
VK3QI

270

IZ8XQC
JA2THS
JA4FHE
JD1AMA
JE2LUN
JF1UVJ
K0DEQ
K1NTR
K5PC
LA5LJA
N3KV
SM4AZQ
W6SR
W6UC
WB9CIF

269

IV3GOW
JA2BDR
JA3ENN
JA4PXC
K0TT
K6SIK
N7GR
NX0I
W2SM

268

DL5ZB
DL6ZXG
EA7TV
EU1KY
HB9HFN
IK7JTF
JI4POR
JL1UXH
K4SE
K8NVR
KB0EO
N7RO
W4OX
WB4TDH
WB5JID
WE9R

267

DL7BA
JH1NYM
JR3OEH
K1FK
K4JLD
K8BN
LB8DC
W4YV

266

CT1FMX
EA3WD
JA0DIN
JA4EPE
JA4IYL
JA5XAE
JL1ARF
N5OK
ND0N
SM0NJO
SP8FNA
W9OO

265

AJ3K
CT3MD
K4TT
N7KA
N7XR
NY0V
W9YSX

264

KD6WW
SP1JRF
WX0V

263

EI6FR
K7EG
KP2A
N4QQ
RM0F
SK3PY
SK7AX
UT7UV
W6RLL
ZS6EZ

262

K3KY
K7BG
K8GI
WF4U
WO2N

261

JH7IAJ
K1GG
K2NV
K8VC
K9XD
LA3WAA
W5XC
W7MO
W8HW

260 JA2KVD JF3LOP K1BD K3LR N7NG W5LT W6RW ZS1LS	255 EW4M IK0HBN JP1IOF OH2IS RD3AW W4WM W8OI	251 EA5KA G0EHO K0BBC K6FG N1EN NE8P SM4EMO SV1JG W3GQ W7KW	WA6F	SP6A W7SX W8DCH
259 JA2NDQ JA9NFO JH1ORA JH9AUB K2LS K7NN N2TU* SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT JA5BLB K3RA K3SV K8TL KE9ET N3QE N8OC VE7AHA W7LR W8HC WD8PKF	250 HB9DHK JA1MRM JA6BJV K1HT K5JZ N9FN RN9N	246 E73Y G0BLB GM3PPE IK3SWB IW0SAF JA2VQF JA3GN JA3MNP JA7MOL JL1RUC N4TJ N6UC UR3EO WX0B	242 EA3GHQ F5PAC IZ8DFO K1LI K2PK K8ROX LB6KC N5XZ NO2R NW7E PY2KP PY2SP PY2XU SP5IWA TF3SG W1YW
258 AB9V DM2DXA JA1FQI JA9TWN K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6VX W8LGJ WO7R	253 4O3A DJ4XA DL5CW JE1BMJ JJ3HGJ K1LPS K1LT K3JT WA9PIE YO2DFA	249 AA4R DL4SZB IK5DNF JH1OBS K0BJ K4XI K6AM KF8UN LB2TB N4EFS RD3A WA9CVK	245 DF3UB DL1DA DL5EBE JA9APS K0II K6SRZ PA3EWP PC3T PY4OY RU6M SM4BNZ W2KKZ W2WG W3JX W5ADD WO2T	241 EC3A G3KWK G3VPW IV3DXW JA0DWY JA1IZZ JH1RFR K9OT KI5BLU W2JU W2XI W4BP WA3AFS WB9EEE
257 I2TZK IK2QPR JG0CQK K2TK K5WK K9IR KB8VAO NA2M* W0GJ	252 DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO W1YIF W5CIA W6NWS WA8WV	248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA1WSK JA8RJE JE1LFX JH0BQX W1VT	244 EI9FBB JN1RQV K6KO N5LZ SV3DCX	240 AF4HX F5LVL I0JBL IK4PLW JE7JDL K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W8TN
256 AC6HY CU2AP DF2GH G3VKW HB9CXZ IZ3ENH N5GH W2FCR W5ZG		247 F5CQ IK8EPC JA1RTX JA3APL K4WA K4XD K9OW RA5BM W0DJC	243 9A1AD I2EOW JA1GTF JA9FAI JM1FHL JS3CTQ K0VSH K9JF K9MBQ KK4CB LA2QM N4GN N5TW	239 G3KMQ JE3ENP JN1BMX JR2LJO

K5ZD LA0FA N3MN SM5OJH UX5UO W5FI W7ZJ	JH4HMG JH7RXU K7PI KD3CQ KQ8M LU3CQ N5MOA N5ORT N9RD NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B YL2KF	230 JA6VQA JG1WSC J11DHY K0KVR K1EFI K4XR KD0PO KS1J N1IBM N5JB VE7JO W5ODD ZL2IFB	K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR RN8W SP8HKT VE3CRG W1SKU	JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK W1LW WA4LOX
238 IZ0RVI JH3CUL K2SX K7SP N9RS VE7DX W7CT WA2NPD		229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO WB8B	226 AE5E DJ9ON EA3CJ JA4ITW K2EK K4ZIN N8PW NE3F PY2NQ VK3HJ	223 EI9JF EU1U JA7BWT K3ANS K7LV K9RT LB5WB N6HC ON4CAS SM5CBM W0HBH W5VX W6SL XE1VIC YL2TW
237 AA7G BH4QYX GM3YOR IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K8FH KG6I N1ZZ OE3EVA W4ABW WB8BPU	234 CT1FCX CT1FPQ IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK		225 DS1JFY EA1AF HB9SLO I8JIT JA2FBC JA6BEE JA8DRK JE2EHP JH1QAX JH4PMV K0SD K9MMS KU0A N2DPF N2JJ N8KOL OZ2RH PE1L RU3A UA0BA W6BJH W7Yaq W8CZN	222 EA5RU HB9AAQ HB9CEX HB9TKS IK0PEA IZ8IEV JR6FC K4WM KF7PG N6MZ OE8SPW W3BW W5VQ
236 DL1AP HB0CC JA7QFU JJ1DWT K1ESE K1USA K4ZO K9FN K9YC LA5YJ OZ1LCG SM3CBR SM5CAK W1ZT WE0Q	233 JA5FBZ JI8DGO K2UR KQ3F KT1V N8BJQ RA3SS XE2X	228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1BNC JH1HHC K4RG K6EME N3RC N4LR OZ7OP W0CP W2GG W4HG		221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP JR6LLN KI0KB N0KV N4TV NA5DX OE1AZS PA3CSR
235 DO4DXA HB9BUN JA7LMZ JE2DZC	232 DL1DUO F3SG JH4ALY K2KA LA9VFA N2BJ NX7K RL3FA S54A W0LS	227 DL6JZ EI2GLB F6FXU HL2WA IK4FNF JA2CXF JF1IRW JH2SON JK1EXO	224 AI2Q CT1EAV DL6MRS DS5RNM JA8EKU	
	231 9H1SP K1ZE K3VAT K4PB N4RWG W1TO W6TC W8WEJ			

SM3LGO
W0VX
WB3JFS
WW3S

220

HS1NGR
JA0AOO
JA1PTJ
JR7WFC
K1KI
K1YR
K4EA
N2WLG
UN7TW
W8RLS

219

JA2TBS
K4MS
K6FW
KE9I
KQ4AV
SM0BYD
SP6M

218

CT3HF
JA2AHH
K1XM
KS3F
S55DX
W0AWL
W1OPD
W5FKX
WB8CQV

217

EA1RT
IK2ANI
JA1GRM
JA3LDH
JA5JUG
JK1GOK
JR2UBS
JR5JAQ
K6DT
OE3SGU
OE5RLM
OH6NIO
ON6AA
W1RR
W6AUG
W6RKC
W7HPW

216

AB5C
HB9CQK
JK3BLD
JR7FRW
K8QM
N4ONI
N7TY
N7UN
UT3UZ
W0DD
W0RX
W0SZ

215

5B4AHJ
DJ9RR
DL1SMA
K1GE
K3FRK
K3XA
K7ZA
KB2FCV
KF6HI
KX2A
LA7WCA
N1GC
N2WB
PA0ZH
PY2MC
VE7SZ
W9ILY
WB8K
WC4X
YB5QZ

214

E70T
HB9IQB
JA1OND
JI4WAO
K0LUZ
K1KA
K5WAF
K8RRT
K9NR
N9ISN
RU0SN
W2AY
YB0COU
YO3CD

213

AA8CH
DK3UA
DK7YY
DL1SDH

EA7SG
EW1BA
JA7KY
K3OX
N8II
NN4R
NR4M
SP7CVW
W4VIC

212

DL1HRN
DL1TRK
IZ5JMZ
JR3HZW
K2AX
K7VV
K7WJB
KJ9C
KL0S
LA9GX
NN4SS
RD3BD
SV1GRE
W3RJW

211

CT3DL
JH4CPC
JN7DOS
N2LM
PA7TWO
RX4HW
SM5AOG
W1AO
W1WC
W4MAY
W6SZN
W8MET
W9EWZ
WW2DX

210

AA8OY
BH4IGO
DJ5DT
JA7LGE
JG3LGD
K5VWW
K7ORK
K8KS
K9TF
KG9Z
KT2E
N2NS
N4TL
N5BO

N9JV
OH1JP
W4WT
W9JJB
WA5POK
WB5XX

209

AC4TO
AE0P
DM1TT
IV3VBM
JA2XCR
JG4AKL
JT1CO
KJ6NZ
N3KS
N4XP
RU1AB
UA3ECJ
W3OOU
W4ZX
W5SL
W7NN
WB8ZRV
WL7E
XE1KK
ZL2AL

208

EA8AXT
GW3SFC
JA0DET
JA1NWD
JA2ATE
JA5WIZ
JA6WJL
JH6JMN
K7ZD
K9ZM
RQ3A
UA3FF
UW7UA
W2OO
WE1P

207

AA5AT
HB9BAT
IV3TDM
K1KO
K1NJ
K4JPD
K4YYL
K7UT
KA7T
LA2PA

N1QY
N3OC
RU9UC
WS5W
YO2RR

206

AB0CT
JA1FNO
K6NR
K6ZZ
KA1J
LA6UL
NA9RB
W1NA
W2QO
W7AL
W9YE

205

JA0NZR
JA8EJO
JH6PFY
K1UU
K2MYR
K5QX
KA8ZPE
KU4XO
LU8EKC
RT0F
W1SSN
W5DAW
W5VY
WA0I

204

A16Z
JA8JO
JH4FEB
K1CA
OH8NW
SV1VS
W2/CT1GIF
W6KK

203

DJ3GW
EA8AKN
HA7UW
IK0HFO
IK4HPU
JA3MHA
K1IT
K3GT
K3OSX
N0RN
N6HY

SV9COL VE6LB VE7UF VK3BDX W8KA	W8WRP WB1S WZ8P XE1H	JR7XOD K2BA K4CM K5FNQ K8BL KK1W N7WS NA2AA PY1OL UT7KF W2FV W2YE W7AH WV4TN	SM7BHH SP5ES SV2DGH W5WP YL3DQ	W7SLB
202 JA8BNP JH4ADK JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG SM5ENX W5BPT WA4CEM WD9DZV	199 I4MKN IK5RUN JH4GJR K1BZ K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S ZL4AS ZS1A	195 A92BE AA8LL AC6T DS5TOS HB9DOT IZ2FOS K4MF K4OY K9GA KA1ERL KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI W4RDX W8FIB WD0DAN YO9FNP	192 AE6Y I2YWR IK2SGB IK5ZUK JE8TGI K6PJ K8UT N7BT W1EQ W4GIW W4RFZ W5ZO W6RS WA4BIM YO3DDZ	189 AA4NC JA1DM* JA1OVD K2QMF K4JC K8TVD K9GWH N0RB NI5F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SM7GIB SP9WZS W0YK W2LE W5KFT WB2AA WT3Q
201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JE2RDO JG8FWH K1JIU K8YTO LA6OP N9SF SP6JIU SV1FKZ TI5KD VE3YF W2CG W6AEA	198 CT3KN DF7EE HK4SAN K0DEW K5GH NA4EA SP1DSZ UA3O W2PS W9PZT WB4YDL WD4LBR	194 JI1NJC M0CSD N1PM VK3NX W5CWQ W6ENZ YT2AA	191 AD6W IK5CBE JA1PMN JH1AGU K0GY K1TO K1ZN K7FL K9OR KF0LA KR2Q KU4BP N8NN NX1L W3ABT W4UCK WC1M ZS6WB	188 JA2FGL JN1GTG K0TV K7WE KA4RRU W4GE W7HR W7IV WP3R ZL4TT ZP5JCY
200 9K2OD HB9RYZ IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N4MHQ R3IS VU2CPL W2OIB W5GZ W8GNM	197 AC9EM DL9FCY JA2IYJ JA3CMD JA8XQI K4CMS K6UT K7UR KD6UO KM4H KZ0X N0AH N1RK N7HN NG0T PZ5RA R9MJ	193 IK0LNN IW0HQE JR4LNG K5FZ K6UM N1JP N5UW ND5S PA0JSE SM4CTI	190 7K1PTT EA2AFV EW3CW JA2KSP JH1APK JJ1SKG JR1MLU K4MZ KQ4EE N6GP OZ8SW SP3EPG UA0FO	187 DH0GSU IK4AU IT9BLB JA0LFV JA2VMU JR3UIC K3PP K4WZ K5CD K8DV OH7TV OM7CA VE6SV W3MR
	196 F5PBM G3SVD JA1VLK			186 G3NDC IT9GSF

JE8CLT	183	180	WF2S	VK2DX
JH2AYB	4Z4DX	E21EIC	WT4Q	W1NT
JH4CBM	DJ5IO	EC1A		W7CD
JR1BLX	DL1KUR	I0OSI	177	ZL3JT
JR7MAZ	EA1JO	IK7FPV	AA6RR	174
KD2T	EA3GHZ	IZ4DPV	DL6LIM	DS4AOW
NE0DX	EA8RR	JA1DOT	I8LWL	IZ5BAM
OZ8RO	F3AT	JA4VUQ	IK0EFR	JA7SFD
SM3PHM	GU4YOX	JA6GIJ	JA4DHN	JM1BPP
SV1FJP	HB9BXE	JA7IC	JR6GIM	K3XO
W1ITU	HL3GOB	K0LU	K0GD	K9HQM
W4SK	IK5PWN	K0TPP	K5UZ	K9SG
W5PF	IT9CVO	K2CBI	KA2CYN	KB6CIO
W8JRK	JA1DOF	N6PSE	LA8HGA	N1NK
WA7TZY	JA8NFV	SV1BYI	N6RV	N6NU
XE1J*	JA9CWJ	W2KA	NT2A	OH4UI
	JQ6RUP	W5JAY	RA9SC	PA2TMS
185	K8AJS	W5WQN	VE3OI	SV3KH
AD7L	NA2U	W8LMG	WD9Q	SV9AHZ
DK4TP	NA5Q	WK7E	WQ7B	TZ4AM
DL8PG	ON6YH			WB2WPM
EA1KK	R0FA	179	176	WC2K
EW1P	R9JX	DL2CHN	CU2CE	
HB9DHG	W6JTI	DS3HWS	IW1QN	173
HI3T	W8IQ	HB9EFK	JA1IOA	4X6ZK
JA1FJJ	W8OP	IW3GJF	JA5SUD	AG1A
JA8UIV	WA4TII	JE2HCJ	K1RI	K1EO
JR4VMS		JE3CYW	K4VIG	KI4GE
K0MD	182	JF1RYU	KB4MRX	KK4OK
K1RV	F6DBX	JG3SKK	KJ7M	N0OK
K4KGG	I5OYY	JH1RFM	KZ1W	N5WA
K8RYU	K7UA	K7ACZ	N3ND	NJ3K
NA2X	KE1F	KA6BIM	PY2WC	S57AT
W5QM	ND3F	KD8RQE	VE7VV	SM6CLU
W8HB	NW6S	N7TR	W3FI	W3BJ
	NY2NY	OZ7FOC	W3TN	WA4DOU
184	SV2DCD	W2WC	W9DX	WF4G
AK1L	VU2NKS	W5GAI	WA1FCN	
EA4CQT	W1PX	WE4S	WA1PMA	172
IZ2AMW	W5DNT	YO4DW	WA4JQS	AB2E
IZ5RVG	W7MEM	ZL1BYZ		JL3JTD
JA6CBG	XE2CQ	178	175	K4WNW
JA6TMU	ZS2DL	CT1ESO	JA1JAT	KY6R
K3GGN		I0MWI	JA3BXF	N4JT
K4AV	181	IK8YTA	JA8LRG	N4OA
K5KG	AA4DO	IV3TMV	JH1DGQ	N5ET
K8NK	DL6CNG	JE8LWZ	JM2RUV	N6RK
KI4DLS	EI2JD	K2HAT	K0EOO	W2NO
KO8SCA	JH1ROJ	KM6HB	K4BYN	W3FOX
N2RJ	JK1BSM	N0AMI	KW4MM	W3MF
N6PM	K1RH	N3NR	N4PL	W4DAO
SM5FWW	K3EA	OE2SCM	N6PAT	W4WJ
SV1IW	KE4UW	RW4CY	N6ZN	W5JMW
W1UE	OZ1IKY	VE6AX	NY3C	YB1UUN
W9FI	UT6UA	W6DR	SM5CZK	
WA0RVK	W0GG	WA5IPS	SM7NDX	
	WY1G		SP5JXK	

171 DL7JRD G3UAS IU0LFQ JA1QIW JH1IED JH1WJR JK1UVP K1JD K9RR KU2A N4UOZ N6UK W1OP W4CCS W4NJ W7WZ W9BEA WA8MCD	I8DVJ JA2FSM JE2UFF K0DD K1ACL K7HC KJ7TEA N8AGU SM4OLL SP5MXZ WA4AFE	N2GZ N8HRZ OE3KLU OK2BUZ SV1GYG VK4CAG W2YR W9MO WA0SXV WA4VA	YO3AIS	160 AB4UF DL7UPN DM2RM F9XL JA0GCI JA1MZL JA4HAW JA5PUL JA7XBG JF2WGN JH3FHQ JJ1BMB JR3XUH KI4WCQ KW4V LA5SJA N2BT N3RR N3XM ND6G TA1CM W0KCJ W6CUA WW4LL YO4AUL
170 BA4MY EA2AA IT9ODQ JA3MF JA3RQ JA6SRB JE1PHH KB9DAK KD1F KE1VT KH2L LU6ETB N0ABA N7KO NO9E OE2GEN PY2DS W4HZ WB6JXJ YO2CMI	167 AA7XT CU3EQ I0KRP JA3FHL JA5BGA JA5NPV JA9CG JH1APZ JL2JVX KQ1F LU2CC N4AL R5QA RA3LAL RL3AA WA8CDU	164 DJ1TO DL5XL EW1KP HA5BSW HA5WG IV3BKH JA9KRO JF1LZQ JH1RGG JH2HFD K9UQN KA9OKH KK4OW LU2DSL LZ2ZG N8OQ N8PCN PA0TCA RA3BL SM6WET VE1OP VR2MY W1JA W3HKK XE1MEX	162 E73D HI8R IK2VUC IT9DAA JA2NQG JA8BZL K1DJ K2AT K2RU K4JKB K4MM K5RJ KT2C LU2AH N2ZA N9OY NA5Z W2OR W6WA W8PC WA5LFD WB0N WW1N	159 9M6YBG AH0U DL1MEV F5NBX HB9DDM IK1UGX IK8UHA JA3NHL JH1ACA JH1IAQ K2TA K4YJ K5RA LZ2JF N4QM N4TOL N6MA NA6O OZ4VW SP6AXW W1YRC W7VY WV9L
169 G3WGN K2RET K3PU K8OM KT1J NF1G NX8Y ON4ANN UN3GX W5LO	166 DL1QQ DL3KZA G3WW HB9DVZ I2DMI IZ4DIW JA4KDT JA7BEW K8ME KN6KI KR0P W3BNN W9JA WB7QXU WC4B	163 AA4FU FG5FR IW0BYL JA0KJD JA8FFM JG3RWX JI2EMF KF9UG KG8CW KK0DX NC4RB NY4G OZ5NJ VK6LC W5GA WA2UKA WA8JBG WB8BZK	161 AJ4A E74A JA1BPA JA1SDV JF7RJM JH0NOS K3MD K3WGR K4HMB K8CC KC6X N3HBX N6IE N6TR N8NA NK0S SM0DSF SM5ARL W1LY W4KA W5VU W6DX W6YOO W8CD W8HMK W8IW XE1RBV	158 AA8R BA7IO DL4NBE DL5KUA
168 DL2NOM EA5OX	165 AA3LX E70A FG8OJ HC1BI JF3PNQ JS6TWW K5CR K7JH LX1KC			

DL9DRA	AA4DD	G0VXE	HP2AT	WA4MME
IT9AAI	EA3EQT	IU8FRE	JA6COW	WB4JTT
JA1SHE	GM0AXY	JA0NPQ	JR7ILA	WV2I
JA2ITK	JH1SJN	JA1QOQ	K1AJ	149
K4XU	JH1VHU	JA2BUR	K1PL	AL7TC
LA2GH	JK1TCV	JA7GYP	K3FM	IZ4MJP
N2ZZ	JR1DUP	JH3HTD	K4ST	JA0LXP
N4DWK	K2DC	K1YT	KD4OS	JA1ADN
R7LP	KR6C	K4EU	KM1C	JA1SGU
RU3UR	KZ5DX	K5IB	KS4S	JA4ZA
W1GQ	LA2RZ	K7GA	N3MK	K0GW
W2RA	N1MD	KH6AT	N4HID	K0KP
WO3Z	N3IQ	N2FF	N9DR	K2TER
WS1L	N4IG	NA6MG	NF4A	K3NF
157	N8AYY	NK7C	UA1CEI	K4WY
CT1DKS	N8WRL	OZ7DN	VA3XQ	K8AV
G4AFJ	N9XX	SM6AOU	VK2GR	KM2E
JA2EJI	OM8FR	VE1DUN	W0JM	N7MB
JH1DGJ	PA7RA	VE3YXO	W2TB	N9IO
JR4VEV	RN3QO	W5ZPA	W4WW	NJ7G
K2CDJ	SV8LMQ	W8MIL	W8VVG	NX2X
K7LFY	UN3G	W9GE	WA0ROI	ON5TW
K8WVA	W0NFL	W9SE	YO6HOY	W6RFF
N0VVV	W0VHF	WN9O	150	W6ZO
NJ6D	W1AW	152	AL7R	WA2MZX
UA4PK	W2HUG	AF2C	CT1FUH	WW1WW
VE3UZ	W4HOG	EU1DX	DK5RL	YB2TX
W4PV	W7IUO	G3LUW	DL2JIM	148
W5PJR	WO9S	IK0CHU	DL2VPO	EC1AIJ
W5RF	154	JA4VLK	DL7AA	IZ4AIB
W7RN	DK3BK	JA6GPR	F6HLC	JA1CZI
W8BBQ	G4FTC	JR1WCT	HB9DQV	JA6OXT
ZP5ALI	JH7LBE	K4QD	IK2RPE	J16IHG
ZS2EZ	K0THN	K4ZA	IZ0CKJ	JN3RBE
156	K4WFM	K9JU	JA0PE	JR8AMF
DK0EE	K8RF	LB7ZG	JA3EOP	JT1BV
JA1QGC	KE4VU	SM2HWG	JA9AA	K4WJ
JA5BZL	KG4CUY	VE3EK	JE1VTZ	K7CMZ
J11WLL	KK4HD	VE7XT	JF2VAX	N4NW
JK1UNZ	RA0BA	W0LYI	JH2VVH	N6IG
K6XN	RD9M	W1LE	K1VI	NG0G
KK9H	RT5A	W1MR	K2OP	VE1VOX
N4IQ	SM5BEU	W1NK	K4NC	W4MA
NA9Q	SP6EIY	W3NS	K5DHY	W8WFN
SP5ELW	W2UB	W4NZC	K8MN	W9CSX
W2FK	W2YK	W4TNX	N0STL	WB2HJV
W7CA	W3KHZ	W7FI	N2SQW	WB3LHD
W9HBH	W4UEF	W7IB	N4PYI	WS1E
WB2AQC	W6NK	151	N6WT	147
WM0X	W8MHW	AA4FL	ND0F	AB4SF
ZL3RJ	153	EA7OH	NU4I	AD6ZJ
155	7K3QPL	EI3IO	NZ2L	DK6OR
5T5PA	AA9GR	EI9E	SM2GCQ	DL6KY
9A1A	EB3CW	G4XEE	W1JGS	EA5BZS
	F4FLF	HL2KV	W4NBS	
			W9GXR	

HA5PT	W9MJ	R7LA	K6IPM	LU8ADX
HL4CJG	W9MR	W0QQ	N1BZ	N2PK
IK4HLO	W9ZCL	W2ZI	NY9H	N3TR
IK8VRH	WA2USA	W6BCQ	W1DXH	N4XYZ
IZ0BTV	WA9DU	W7QDM	W2TX	N6QI
JA4EVN	WC3W	W8SAX	W3DQS	NN7X
JA6NQT	ZS6UT	WA1YTW	W9IL	NU1B
JH1UBK		WC4H	W9ZJ	RA0R
JH8BOE	145		WQ8T	SM0XBI
K2CYE	AA0KA	143	WT9U	VA7QI
K3PT	DL2RD	AB5GU		W3AKD
K6ME	DL7UGO	AC6DD	141	W6GJB
KB1W	DL9GTB	AI8P	DF2UH	YL2AP
KD7H	EI6IZ	DJ3AS	DL9ABM	
LA5XGA	F6KOP	IK1IYU	EI4BZ	139
N7MQ	IK8GJR	IK2RZP	I0LYO	CT3DZ
N7TP	IW0HOU	JA6IVR	JH6DUL	IK0ZIO
NV4B	IZ0NRG	JA7FWR	JH6WMJ	JF0JYR
V51B	K1XV	JA9APM	JJ1OKK	JH0AWC
VA3IC	K4WES	JH2XQY	K0OK	K3SW
W1WEF	K4ZNC	JR1CAD	K3WWT	K3SX
W6BK	K5EWJ	K2CS	KB1HY	K4KAL
W7EYE	K8SIA	K2SN	LU2BA	K6LPO
WB0O	KB7V	K4EB	N4MI	KE4S
WF5E	KD5R	K7KB	N6AA	KH6DX
WS1F	N4UFP	K8ZZU	N7DED	KL7J
	SM7CQY	KW9U	RW4NJ	KS3L
146	UA5D	N9KW	SP7ICE	LA9FFA
DD0VU	W0SR	N9PGG	VE1JBC	N1IA
DK3QM	W1ER	NA9A	VK6OZ	N6KZ
IK2DZN	W2FB	ND3L	W0MU	N8NB
JA1WTI	WA5NFC	NU4Y	W0RXL	NM1G
JH3FUK	WB6CJT	NW8F	W1DYJ	NN6K
JH3GCN	YB2DX	OZ1HPS	W2HUV	PP1CZ
K4MX		RA3CO	WA4NUF	W0TM
K4ZRJ	144	RX3BP	WE9A	W5THT
K6LRN	AA0MZ	UA9AM	WQ6Q	WF1H
KI1U	AA6PI	US2WU		WQ5R
KK0M	AB5A	W1ENE	140	XE1FAS
KK6T	AK5Q	W2NRA	AA4US	
LX1CW	EA7DUD	W3DM	AB0RX	138
N5CQ	F1RAF	W3IZ	AD3C	AA4UC
N7JB	HL2EIZ	W9HZ	AG5W	AA5B
N9JR	IZ7AUH	WB2GOK	EA3CZM	AC4VM
PY2IQ	JA0KJE		ER0FEO	EW1LM
SP3F	JA1UXC	142	IK0WRB	HB9AZO
VE3UTT	JH1EIG	AG4Q	IK7YZG	HK3PJ
VR2CH	JH2RMU	HL2DBP	IV3VCS	IK2HDF
W0MS*	JR1IZM	HL3AMO	JA3EY	JA3XNH
W1NR	K0LB	IK2WPO	JA7KQC	JF1WLK
W2JLK	KA0CDN	JE2VLG	JE1DXC	JF2OZH
W4DEE	KE5PO	JH1VUO	JH1BAM	K2MK
W5KI	KM8AM	JH7LVK	K2HT	K2WK
W6AER	N1KC	K0PJ	K4JWA	KE7LU
W6OUL	N4SC	K1ZJA	K5HK	KF4VTT
W7TSQ	N7OJ	K3DFL	KE8UM	N2KX
W8QZA/QRP	NZ3O	K3NQ	KP4P	N7WO

N8GP	J68HZ	W5BN	JM3GXU	W9RB
NU1T	JA3UCO	W6FL	K2KIB	WB4CW
OZ0J	JA3WLN	WA3IIA	K5ZQ	WX2CX
SP5IXS	JA7NX	WA3PBL	K8KY	YB4CHP
TF4M	JP7FSO	WB2NPY	KO1H	
W0QD	K0SRL	WC2L	KZ9DX	131
W1ZZ	K1SM	WK8A	N4AOE	AA4EA
W2PP	K1TWF	ZS1J	N4DJ	DJ2RB
W4DN	K2AJY		N4HN	DL2TOS
W8TM	K4AMC	134	N8KU	DL4ZAB
WA2BOT	K4KAY	AG7N	NT5O	F2NH
WB2RAJ	K4YP	CT1BWW	PY2DV	IZ3ETU
WI2E	K5YU	CT3CD	VE3SKX	JF2QNM
WN9Q	K8CS	DF3OL	VK5GR	JH8JBX
WT2P	K8JE	DK2BI	W6MVW	JL6USD
XE1ILI	K8KI	HB0WR	W7JET	JM1VRW
YO3VU	KC2STA	HL2CFY	W8JA	K1UM
	KM1A	IZ1JMN		K6IPV
137	LA6MP	JA1EMQ	132	K7LAZ
AA9RR	N7NH	JA2OLJ	9AY2K	K8EB
DL2VWR	NE4A	JA8ALB	AA3TH	K8JP
EA4UV	NU1O	JE1WZB	AE5B	KK7YC
G8AJM	RL3BZ	JG3HBO	CT7ANG	KM4A
HB9ACC	W1FA	K0XP	DJ0AH	KR4BD
IK3DVY	W2PD	K4MV	DL3IAC	KX6C
JA1KPH	W5JE	K5TU	EA5RD	N0TK
JA9GPG	W6DCK	K8QKY	FG4NO	N3HYB
JH1ERJ	WB0TVY	KC5LK	I1CMA	N6FS
JO4CFV	WD8LTM	KF2TI	IV3TMM	ND7K
K5ALQ		N2NW	IZ6ERS	NT9F
KF6A	135	N4TD	J11MNT	OH2LU
NA1DX	AC5AA	ND4V	JN3TRK	RU3UN
NB3R	AE4CW	OE1ALW	K4DSE	SM6VR
NC6A	CT3FN	SM5CSS	KJ6Y	VE7TK
OE5JDL	G4FJK	W1OG	KS4YT	W4SD
SK0QO	HB9VAB	W1ZS	KV4T	W7NP
UT4UZ	HK6K	W2DXE	KW4CQ	W8FAX
W0JMP	JA3VPA	W4UFO	N2XQM	W9UM
W6TK	JR1JGA	W5BK	N6VI	WA6EZV
W7KSK	JR7GBL	W6EJJ	N8XI	WA6TQT
W7QHE	K0FLY	WA1NXC	NA4CW	WB0PWA
W8UQ	K4IE	WA3SKQ	NA4MM	WD8MGQ
WB2KSK	K5LC	WE2N	NG7M	WW1V
WB3D	K5QR	YB1TJ	NH6T/W4	
WO5I	K7LY		NJ9C	130
YV5OIE	K7WK	133	NO0B	7J1ADJ
	KD3HN	DL5JS	NW7US	AA9AA
136	KN4JX	DL8JJ	S53MJ	AB6BT
9H1AE	KO4PY	EA3CWK	SM0MPV	DJ4SO
AA6RE	N3KN	HP3TA	UA3SAQ	DL9GCG
AG1I	N4CT	I1YDT	UA9AGX	DL9JI
CU3EJ	N4QWZ	IK6COX	VA7XX	EA8MT
DL5SBA	N9MB	JA0AXV	W0UVC	EC5A
HB9MFM	OE3EPW	JA1FUI	W0ZT	HK3MCM
HL4CCM	PT7CB	JA2BL	W5RYA	JA4RED
IK8PGE	SP7ASZ	JA6BF	W5WLA	JA8BAR
IZ7EVZ	W1MRH	JH4RLY	W7IU	JL1GYZ

JM1GHT	VU2MSA	DL5KUT	WB2GAI	K2WJ
K0HB	W2EQ	HA3OU	WB5STU	K3LA
K4ODL	W4LIA	JA1DIO	WV1X	K6SLO
K4VX	W9RC	JA1FHK		KB9S
KC4AA	WA1ZIC	JA1XRA	125	KF1P
KF7NN	WA5NOM	JH3PRR	7K1CPT	KM1R
KP4DKE	WD5BJT	JJ6DGP	AA4LR	KN9N
LB8OH	WY6N	JN1MKU	AB2DP	KP4MS
M0IKW		K0AZ	AD4AA	MU0FAL
N0TR	128	K3OK	DL9BM	N1YX
N1NU	4X4MF	K7PO	EA1P	N3KR
N4LUF	7M4AOE	KV7N	ES3VI	N6XT
N4XMX	7M4CLF	KW2J	G0HIO	N7AU
N7TM	A71AM	KX9X	G8BCG	N7ELL
N8IL	AG8L	N5QS	HB9JG	NC2Y
PY2FN	AK4AO	ON8VM	HB9JOE	NN4K
SM5BNK	DL3BUE	OT1A	IZ5EKV	NS4F
SO5AS	DL6NW	W4GP	JA2QCX	NY1V
VE3FRR	G4FKA	WA0WWW	JA6EXO	OZ9XU
W0AD	HB9FBG	WA2ALY	K2ZZ	W1ASB
W3JXP	HB9HBZ	WA7BNG	K5TIA	W5WZ
W3ML	HK3O	WB2KSP	K6BZS	WA4QMQ
W4NK	IT9ZZO	WC0W	K7QA	WA8RCK
W4SW	JA0ED	WC5E	K8GWU	WA9BZW
W7FP	JA0EVI	YT7T	KG5VK	WB4SON
W7LGG	JA3AYU		KM9E	WD6T
WK9U	JA6JNF	126	KQ5M	WR7Q
WO5D	JE3BIQ	AD5WB	N3OUC	ZS6NJ
WX3P	JE4CIL	DK3FB	N4ENE	
	JM1HJG	EA4EPY	ND4X	123
129	K2QB	EA6EE	PT2CSM	AB6CF
AF4OX	K4LQ	EW4A	PY2RN	AC0W
CX2CC	K8ROK	G4NBS	RT2O	AC4BT
DF7GG	KA1O	JG1SWM	SV1CQN	DD0VE
DL3LAB	KD2GC	JG3KLF	SV1EOG	EA2AAZ
EA5DFV	KE3X	JH4GNE	W1MJB	IK1RLI
GM0CWR	KE4BKL	K1EDG	W1XV	IK4BHO
JA1KXT	KF7F	K4ZMV	WB1DX	JA2CXX
JA1TGO	KL1V	K8FZ	WD8KND	JA2JRG
JA7EU	N2AJ	K8YE	XE2YWH	JA2KSI
JA7JPZ	N4KM	KC8IVC		JA3AVO
JF7NNI	N4MEC	KI3O	124	JA7KE
JR0EQQ	N9JCS	KI5GD	BG8PA	JA8EOT
K3VPZ	N9LEO	KN7Y	CU3AN	JE1HRC
K6QU	NC4RY	KS0M	DF3EC	JE3GUG
K7VC	SM6DIN	KS4XQ	DM5JBN	JH0NBN
K8YYY	SV2JU	LA7EIA	F8EZE	JH6WDG
KF4NEF	VY2MC	M0VCB	G3VAO	JO1ABS
LU2JCW	W1PNR	N2SG	G3XLF	K0KM
MW0CBC	W3EF	N4LV	IK0OPS	K1QN
N3AIU	W5UE	N4UW	IK4TVP	K3GO
N4GBK	WB5NHL	N5JC	JA1TD	K4GO
N7BD	ZS2Y	N6PEQ	JA2AH	K8GT
PY3SB		N8VV	JA7HRM	KC4HN
UA0APV	127	OZ9GA	JA9GLW	KF2DT
UY1HY	AA3AZ	W1BYH	JE6UWU	LB5GI
VO1AU	AI2S	W4PG	JM1LPN	N6NT

NC1M	WB1EAZ	IQ2VA	N4JQQ	VA2IG
NS3L	WN0L	IZ5EBL	N6OJ	VE3PNT
NZ5O	WR2G	JA3BLN	NA2R	VR2PX
OH2BEN	WV1R	JF1EGO	NK7Z	W3ACO
PT7DX	ZS6IR	JH1LZU	SK6SJ	W4SKW
SV2BXA		JH6CDI	SM6NJK	W5SJ
VK2CA	121	J13BFC	SV8QG	W6GM
W0MS	EI8GS	K1TKL	VA3HP	W6WF
W0PE	F6FYD	K3SF	VE4JBB	WA3GM
W2PSU	GM3WIL	KD2SC	VR2XMT	WA4USA
W2XX	HB9BOI	KD4POJ	W5UHQ	WB4PWZ
W4GKR	IK4TVQ	KF8HR	W6IS	WZ6Z
W6PH	IK5BOH/2	KI4TZ	WA3YZD	XE1R
W9ROG	JA0MRW	N2CG	WA9JWL	YB1RUS
WA8Y	JA2ACI	N5BA	WB2ZAB	ZS5LEE
WB4GLI	JA8EIA	N5PA	WB3BFC	
WC4V	JH1AEP	N9DJ	WB8IZM	117
WQ1H	JH1SBE	NO2C	WB9WHQ	AB4GE
	JR4CZM	NW4M	WD4IXD	AJ8MH
	K0FG	PY2SEX	WY0V	DF2UA
122	K0QQ	SV3AQR	ZL1WG	EI7GY
9A3LYL	K3AR	VU2PTT		EI8IU
AA7FL	K3IXD	W0UY	118	F4DSE
BV1EK	K3JM	W4AFB	AA4NG	F4WDL
F5RQQ	K3RWN	W5DM	DL2RUG	G3PSM
HB9BEM	K4GM	W5EC	DL4FDM	G7SSE
HB9IIO	K4SAF	W6DE	DL5MX	HB9PUE
IK6BOB	K7STO	W6HDG	G0MFO	HL4GHT
IV3BSF	K8CXM	W7HUY	G3YFE	IK0XIH
IV3KCB	K9QJ	WD9FLI	G3ZEM	IZ0GYP
IZ8EJB	KC9WPS	WN7J	G4CWD	JH8KFE
JA0CIU	KD8BZY	YE6YE	GW0ANA	JJ2KDZ
JA1CPU	KM7R	ZS1C	HB9DLE	JL3DGI
JA3EEM	KT5X		HL3ERJ	JR1SLU
JA8ZO	N2KI	119	I5CRL	JR6GHN
JE8IGW	N4BAF	DS5ACV	IT9IPQ	K0MP
JH0OXS	N4TKF	HA8UT	JA2NNF	K0PC
JH2PWY	N7WR	HB9DVO	JG1WNO	K4AR
JM1ESG	NY7T	HB9GWJ	J11FXS	K4AU
KD0S	OE1HHB	JA0CVC	K1TU	K4SX
KF2OG	W1OK	JA1DXR	K3IZ	K4ZIW
KF8DX	W3NRJ	JA7VEI	K5WE	K5GM
KT8D	W4AEJ	JM1GYQ	K6UXO	K6CF
LA6EIA	W4EB	JR2CFD	K7UPJ	K8ZM
N1SZ	W4NE	K0IIR	K8IKE	KB8KIM
NI4Y	W5FL	K1FE	K8WHA	KE1IU
NU4B	W5MF	K1LTJ	KB0V	KG6D
OZ3SM	WA6JA	KB4CRT	KB1AWM	KK9T
SM2EJE	WW8RT	KK4QN	KB2XJ	KM1H
UA6LCN	YB1AR	KV4AA	LY3BS	KM4NS
VE7ON	YO3JF	LA4C	N1FOJ	KM5G
VE7VF		LZ2HM	N3MLV	KS9R
W1GF	120	N0ATQ	N3RW	KU4V
W4AO	DL1EV	N0ODK	N9AZZ	LX2PA
W4PNY	DL2VFR	N1DC	NA5S	N0IW
W4RS	EA5B	N2RR	OE3JAG	N8JK
W7BJN	IK7YCE	N3CW	TA1L	N8WXQ
WA6KHK				

NC8I	VU2ABS	PV8ABC	WD1M	AC9O
NL8F	W0ANZ	UU1JA	WG0G	AD1S
NW2I	W0QC	VK3OT	WN6K	AD4YQ
ON4AGX	W1GWN	W2HAZ	WR2V	DF2WF
PT2BW	W4ARK	W5GO	XE1EE	DF5CD
SV2CLJ	W4CZ	W5HNC	113	DJ7JC
SV3RKM	W4DFU	W6QON	6K5AQY	DL8DYL
TA1AL	W7RR	W9RXJ	A92IO	G4DBW
TF3DT	W7VJ	WB2P	AC9X	HK4EB
UT2VC	WA2EOV	WN1M	AK1P	IK0UTM
V51YJ	WA8LOW	YO3HOT	EA2J	JA0HC
VE7ACN	WB4DNL	114	EA5HM	JA9RT
W1UN	WB8FIW	AA4H	EA8TZ	K0PX
W3WN	WC2C	AD4XV	G4RGK	K0UBR
W4OWY	WF4W	AK3E	HB9HHH	K1KOB
W6KR	WJ1B	BA4TB	IZ0FUW	K2DW
W8BI	WQ5C	CT1ELF	JA2MNB	K4NTO
W8VK	WV4V	HL3DE	JA4JSV	K4ULA
W9BB	WW0E	IZ5GST	JH3GRO	K5VR
WP4CQ	115	JA2LHG	K0HD	K6EGW
WS4H	AA5N	JA3VUI	K0XM	K6LD
ZL1ANH	AB0S	JA7MAD	K2SD	K6MKF
ZP5FGS	AC0B	JE1LPZ	K2TG	K7DS
ZP6VT	AJ8B	JK1MZT	K6OJ	K7SX
ZS4JAN	CT1DOF	JR1ATQ	K6ZP	K8LE
116	DF8FT	JR1EYB	K8SM	K9UVK
4X1EL	DH3KM	JR1VAY	KC2SST	KD9ZR
AB1J	DS5DNO	K0BRO	KW1DX	KM4HQE
E77S	G0JJG	K1QQ	N1ZJ	KP3R
HK1X	I6DQE	K4TXJ	N6RC	KR4DA
HL5BMX	IU8HEP	K6GWN	N8RF	LU3XX
JA2DHG	JA1OVF	K6PT	N9RE	N1BB
JA3UNA	JA7FAS	K8AO	NJ0F	N3NO
JA9IWR	JA8GSN	KA1DJ	ON6LY	N4WOT
JH3GFA	JH1RVQ	KM3J	ON7BJ	N5OP
JO1LVZ	JH4VDP	KX2S	VE7BZ	NN2D
K0BFR	JK1SAI	LA4RT	W4CC	OZ7QB
K4IU	K0IL	LA4WJ	W5RDW	PY6TS
K7VS	K1HJC	LA7QI	W8AEF	R3BB
K9LCR	K4MIH	LA9XGA	W8PE	R7NA
K9ZG	K4MIJ	LU1FM	WA1EHK	SP1NEN
KC1ERO	K5AX	MM0BQI	WA2AOG	VA7ZT
KU1T	K5LY	N2YBB	WB9MSM	VE3GFN
KU8X	K8LBT	N6RJY	WK1Q	VE7NY
LA2IR	K9EXY	N8AID	WW5L	VK7ZE
N2SU	KB0EL	N8KUS	WY7M	VU3WEW
N3ER	KC2WUF	N9NB	XE2MX	W1RG
N4HGZ	KE7PB	NG4C	YB0EIN	W4EJG
N4QVM	KK0T	NR0T	YE1AR	W4JVN
N6NBB	KK5OQ	ON6KE	YV4DYJ	W4UAT
N6VH	LT1F	PP2FN	112	W5FPT
NV4A	N0OP	PV8DX	7N4OBV	W5MJ
OH1NSJ	N6DHZ	W4TTY	AA3K	W5TFV
PA2R	N8SHZ	W7BV	AA7UN	W6CN
SM1NJC	ND4Q	W7HJ	AA9WO	W9LYN
UA1OM	NK2H	W8UMA		WB4CTX
				WB4FNH

WX4TM	W9KX	KI0I	K0MFI	I7PXV
YU1GM	W9MMZ	KK4TK	K1RY	JA0DBQ
ZS6NK	W9WO	KM5VI	K4BNF	JA1SZN
111	WA6URY	KS0Y	K4RDU	JA2CPD
8P6SH	WA7HQD	LA4JGA	K6JJ	JA2VHO
AA8KY	WD9IOK	N2KW	K7CU	JA4CZM
AC0X	WE2L	N4ANV	K7IA	JA5OP
AI1W	WF2Y	N4CO	KC5LT	JG1LBN
AI4WW	WO2Q	N5RN	KD4W	JG2LGM
DK9WZ	WZ1Q	NU0Q	KP4AH	JJ7XTV
DL1DH	ZP9MCE	NW6V	N1UZ	JK7LXU
EA2AGV	110	OZ9U	N9BVA	JR3QHQ
EA4EJP	AD8NQ	R0QA	ND1T	K1KZ
EI1DG	AE4M	R6AZ	NN4RR	K4DB
EU1TT	DF1JM	SM0CXU	NR3Y	K4JDV
F4DVO	DL2AMD	SV8RX	NS4X	K5LA
HB9LAK	DL4IW	TF1A	NX3A	K5VG
HC1HN	DL8XDA	VE2GHZ	OZ6PI	K6NS
I2QMU	DL8XDA	VE3EDY	R2ARR	K6XJ
IC8SQS	DM3XRF	VE3YV	SV1XV	K7QBO
IK2PZC	DS4CNB	W0QL	SV3EXP	K8BB
JA3HBF	F5NNN	W0VM	TA6N	K8ZT/QRP
JA3QOS	G3WXX	W3KN	TF3JB	KD4RH
JA9FO	HB9AGO	W3SB	VK2DAG	KD4SN
JE1GWO	IU8IYE	W4GF	W1KDA	KE4KMG
JH8GEU	IZ0GKB	W5SUM	W1RH	KE9XN
K0RW	IZ8EKL	WB8EKG	W4DWS	KX5V
K1VMI	JA0JPD	WQ5T	W5XU	LU4FW
K1XE	JA0UMV	WY4I	W6EKR	MM1PTT
K3GW	JA1EMK	XE1L	W7XE	N1HO
K3HW	JA1KZP	YB4IR	W8EOG	N1TA
K6DJ	JA2KTP	YV5LI	W9KM	N2TC
K8CCV	JA4HXF	109	WA4YYM	N4KEB
K9ARZ	JA7GAP	4Z4KX	WA5YNB	N8KOJ
KA4H	JE3CHA	AA4MD	WA7BNM	NN7A
KB2HK	JF1KKV	AA4ZK	WA8LRW	NT6AA
KI7M	JH8FIH	AA8BN	WB2UFF	OZ1OXQ
KJ4YLO	JJ2VLY	AF8C	WI7N	PJ2HB
N1KM	JM1GAW	AJ9K	WY7FD	PV8RR
N2FY	JP1NWZ	CT1CQK	ZS2ACP	S51DD
N3BOB	JR0QFA	DL1TPY	108	SP5LKJ
NC6K	JR1RCQ	DL2RTL	7L3SQL	VU2IT
NE1RD	JR2PZX	DL9QJ	9A3ST	VU2OT
NJ1H	K0HP	EA3BL	9A5SSS	W0YDB
NR5R	K1LZ	EA3GCT	AC7ZG	W2GHD
OE1JIS	K2GLS	F4GVO	AE4VJ	W2ZK
RV3GW	K3EE	G4EHT	CO7RG	W4EW
UA6MA	K4AFE	G4UZG	DH4RL	W4GD
W1HEO	K4DET	HB9DRS	DJ5EY	W4PGC
W3WH	K7JI	IK0XKP	DL3ANK	W4PGM
W5WI	K9AQ	JA0HXV	EA5DKU	W4WNT
W6IHA	K9GY	JA6JYM	EA8TK	W8LYJ
W6ZPL	KA1API	JA9IFF	F5UJK	W8ZR
W7AM	KB2RA	JF6AKS	G0KHO	WA3FRP
W8QWI	KB4FXE	JI4HKA	G3VXJ	WU4B
W9GG	KB4KBS	JI5RPT	G4SSH	WY2E
	KB5GT			XE1OX

107	SP7QHR	K9SUH	DL9NDV	W1DAR
AD5MD	SP9IZV	KB9AIT	EA1AZ	W1KMA
AI9U	SV2DSJ	KC4PX	EA1T	W1USN
AJ4IM	UR4CW	KD3UY	EA5XV	W3DAD
DK3TL	UR4IOR	KE6V	F8GB	W4CU
DL2KUA	VR2XYL	KF8VX	HB9CA	W4RQ
DL6ZNG	W1XY	KJ6ZH	IK0WMJ	W4WIV
EA1AA	W3UI	KK8MM	IK2DJV	W5ADH
F1ICS	W3UTD	LY2PAQ	IZ5IMB	W6SIY
F8DZY	W5UQ	LZ1HY	JA6MWF	W7MD
G0RPM	W6BBS	M0RTP	JG3KMT	W7VS
G0THF	W7SMW	N0MR	JH2AHZ	W8EH
G3RZP	W8LWU	N4LB	JH3AEF	WA0GOZ
HA8UB	WA2PNI	N4WMB	K2IUK	WA4HXC
I4FGG	WA9IVH	N8TFD	K4RM	WA4RTE
I5XFD	WB9UQE	NA7RH	K4VMT	WA8A
IK6CGO	WF8R	NK7L	K5FXB	WA9SQH
JA1ASO	WM4AA	NT4K	K6EGF	WB0CHS
JA1CJO	WY9V	NZ0O	K7AWB	WB3AVD
JA3GAK	YB0WWL	OE9SLH	K7KJ	WB4KZW
JA7XRO	YO5OEF	OZ7BQ	KB1OIQ	WB5IUU
JH1AQN		RC3D	KB5HC	WD1X
JH1XFR	106	RV6ARZ	KB8ZUN	WK1J
JM7TKK	AA8SW	SA0AQT	KE7UL	WO7V
JP1GUW	AB6FI	TF3T	KE8G	XE3ARV
K2GW	DL7AB	W0TF	KJ6YK	YO6BHN
K2IE	DM3CW	W1EBM	KL7XO	
K2WR	EA2CLU	W1ECI	KM4AF	104
K5ZO	EA3LX	W1PY	KN7K	AA6PG
K6AHG	EI4DQ	W2IY	KO4XM	AA6XV
K8POM	F5EOT	W3DIY	KR4U	AF6O
K8ZEE	F5RZJ	W4LZW	LU9DO	DL6DCD
K9AAN	GM0NAI	W4OEP	LX1EL	DS3EXX
K9XR	HB9ECS	W5GML	LY3BA	EA4DEI
KI0G	HB9HFM	W5PD	N1XL	F5VML
KI2D	HC4L	W6TGI	N2PL	G4GEE
KI7HO	HG6IA	W9FY	N3AS	GU0SUP
KJ4EX	HL1XP	WA3DCG	N3ZA	HA0EQ
KM2O	HL4CBX	WB8RFB	N4FN	I3DUB
KM4FI	IK5TBK	WD3P	N5OGP	IK4QJH
KP4N	IZ4COT	WS7W	N6DW	IV3EHH
KR9A	JA6ENL	WX0Z	N6VNI	IZ8EYN
N2RD	JF1CZQ	XE1V	N7KDT	IZ8FDH
N3YZ	JH8DEH	YB0JH	N7NM	JA1KXY
N4KZ	K0CF	YC0LOW	N9AX	JA2DCN
N4WD	K0GEO	YO3NL	NF7D	JA3MIO
N5PO	K0GK	ZL1BBW	NS7K	JA4AO
N5TF	K0HQW		OV5O	JA5EEU
N6ER	K1EP	105	PA2SWL	JA7TQK
N6JM	K2JK	9L1JT	R3LO	JE4WOK
N7VPN	K4GZ	AA4UJ	RA6XV	JO4JDU
ND9M	K4RP	AA4XR	SM0EUI	JQ3TAN
NQ2O	K5MMH	AB2NI	UQ2GM	JR2PAU
NQ4A	K7CTV	AC5O	VA7DX	K0FF
OH3FVP	K7PT	AH7G	VE3MSK	K2DF
OZ2TF	K8CJY	DJ8KM	VE9RJ	K2RNY
SM3JLA	K8FB	DL6DK	VY2RU	K4KFH

K5RKS	EI8IQ	NC6RJ	G0UII	OH3PYY
K6JAD	F3SJ	NM4Q	G3JFC	PF7M
K6MYC	G3VDB	NX1P	G4AYU	PR7AB
K8TS	GM4ELV	RA3LD	HC1HC	PY2OP
K9BJM	HA0IT	RM4C	I7LGM	SM7TZK
K9JDP	HL9HH	RZ6LB	IK2ECP	UA2CZ
KA5JSM	I0BJV	VE1GBD	JA3MHV	UN7BK
KA5RNH	I6XGZ	VE1HA	JA3VQW	UX4UM
KE1B	IS0/YO3RA	VE3GLA	JH1GNU	VA1SEA
KF0RQ	IS0MVE	VE3MIS	JJ1KZZ	VA3OKG
KF6E	JA8AQ	W1VEM	JJ2BLV	VA7FC
KF8AR	JA9IPF	W3ATV	JO1MOS	VE3KKB
KH6XT	JE4FNC	W4TJE	JO3WHB	VR2ZXP
KI4RD	JF1MTV	W5SG	K0GX	VU2LBW
KK4MA	JH1OGT	W6OP	K0ZM	VU2MB
LA3ANA	JH2CYU	W6SA	K1CN	W0FF
LA9VBA	JH5OTE	W6SFK	K1HC	W0PXM
LZ1SW	JH7WQX	W7IH	K2FJ	W4PM
N3COB	JK2VOC	W7PC	K2MHE	W5TZN
N3STZ	K1HDO	W8KTH	K3IU	W7YED
N4PF	K1ROA	W8LAQ	K4CKS	W8DN
N7YQ	K2YEH	WA7IHN	K4KZM	W9LU
N8PE	K3GP	WA8MOA	K4NI	WA8COB
NE6V	K4MQL	WA9BXB	K4OP	WM0G
NY2E	K5NV*	WB2EBS	K4VUD	YL3GDM
OH2LHE	K7RAN	WB2GMY	K5GZR	YO8PS
ON6NG	K8CR	WB3HLH	K5PV	YV1AVO
PY2CP	K8TLC	WB5TOI	K6VMV	
RW3QHN	KA2F	WB8PKK	K9QA	101
SL0AS	KB1CQ	WB9TFH	K9WA	5P5Q
SM5NAS	KC1XX	WD4AFY	KA4JNB	AA2VG
TI4SU	KD1AB	WE9M	KC4GKY	AE0MO
VR2KF	KF8PD	WK5X	KD2SY	AF3K
W1TW	KI0KN	WN5K	KE3ZT	C93PA
W5AP	KI5GF	YB9AY	KE5FXE	DJ3GZ
W6FUV	KN4T	YC6JRT	KK4CLY	DK8IZ
W7TUS	KP4GC	YO4AUP	KM8V	DM5TI
W8PAT	KS4Q	ZL1ANJ	KM9Y	DO5SB
WA4TMJ	KT6LA	ZL2AO	KO4PRE	DS2BGV
WB6MBF	KV8P	ZS1DX	KU0S	EI3ISB
WQ5G	KW9K		KV1M	EI6GF
WV8DX	LB8CA	102	KW4BY	EW2CR
YL2IP	LU5OM	AA1DN	LA9PHA	F2AR
YO5QAW	M0PCB	AA1IF	M0LUX	F6ARS
	M5LRO	AA5H	N1EDN	F8DHE
103	N1KI	AB5YI	N1IN	G4DDL
AC4CA	N2QLT	AC8TO	N2MG	G4VWI
AC6ZM	N2ZL	AD5BV	N3DAP	G8GNI
AD0TR	N3NVA	AD7XG	N4DJT	GW4TSG
AF3X	N4LS	CT1YH	N4PAJ	GW4WND
DJ3NK	N4ST	DL2XN	N8WL	HB9BNQ
DJ3XG	N5RA	DL5PW	N9HUK	HI3I
DL1ET	N5YY	DS5JMG	NA3M	HL1SX
DL1SVA	N6IBP	EI5JL	NG4P	I2YPY
DS4DBF	N6MXU	EI9FVB	NI7F	IK2WSO
EA4S	N7NF	F4HAB	NX3Y	JA1BJI
EI5GM	NA8W	G0UGO	NZ3L	JA3WMS

JA5ALE	W8JY	JR1LZK	PA3GFE
JA5XPD	W9IE	JR3ADB	R3DL
JA8ANQ	W9QO	K0MB	RA3UT
JH2AJY	WA3YGQ	K1YWW	RA6XB
JM1SMY	WA7HR	K2ITT	SM7DXQ
JR3TOE	WB8TGY	K2RKJ	SP5BMU
JS6QOM	WD4OHD	K2ZD	SP5ZCC
K0HIP	WF3M	K3CWF	SQ5M
K0SQ	WS7I	K3HPA	SV8RMA
K1JE	YB0AI	K3RRR	TA2AD
K1YA	YB1AYO	K3SUK	UA4PT
K2KNB	YL7X	K4AEN	UX5XK
K2RB	ZL2LW	K4HEB	VA2GA
K2UT	ZL3NW	K4LRX	VA3VF
K4TOR	ZL3TE	K5HX	VE2ACP
K8ARY		K6JBH	VP5JM
K9EA	100	K7NW	VR2IL
KA1NCN	5N0ETP	K8ESQ	VU2DED
KA4IWG	A41ZZ	K8MRT	W0GXA
KB5NJD	A71XX	K8OS	W1FP
KB8DID	AA2MF	K9CHP	W1KQ
KC0V	AA2T	KB2S	W2FS
KD0AA	AB4KJ	KB3KJ	W2NY
KD1YV	AF8P	KB4CP	W2RL
KE9UA	AI4EY	KB4FB	W3EP*
KJ4FZ	AK4N	KC4DM	W4LEW
KK4ODQ	AK9B	KC8YG	W4MIR
KM4EX	DG0OAT	KE5MMT	W4UT
KU9S	DL2YBG	KE8NOA	W4YR
KZ1X	DL3XAC	KF9WV	W5IO
LA9JKA	DL6ZBN	KG6KH	W5WS
N0IRM	DO2UDX	KI6PG	W6OU
N1GNB	EA2RY	KJ4UZU	W6PG
N4VG	EA4D	KN4OK	W7NUW
N6RVI	EI5GSB	KU4A	W9COS
N8LIQ	ES7GN	LA8W	WA9EZT
N9OK	F1OBJ	MW2I	WB2AMU
NE5W	G4PUQ	N1GFV	WB2BXO
NK6O	G4SGX	N2JNE	WB2MKX
NZ3M	G10VJE	N2XTT	WB4JPG
PA1NHZ	GM0VIT	N3CAL	WB6RAB
RW9LL	HB9CZF	N3MX	WD0AJG
TF3IRA	HL4XM	N3PS	WD1Z
UA3FT	I8YAV	N3PV	WI0E
UA3UCD	IK2HLM	N4GOA	WK3A
UA9CIM	IZ4IRO	N4UP	WM1L
UR3HC	JA1BDF	N4UY	WM9Q
UY5AR	JA1EYN	N5CR	YB0MWM
V31CQ	JA2ODB	N6DKZ	YB1BML
VE6TL	JA3BKP	N7ZT	YB2TS
VK3FNJ	JF3MKC	N9AKR	YO2OXD
VU3CAU	JH1HRJ	NA9L	YO3GJC
W3GP	JH8CFZ	NE3K	YO6HSU
W5TSB	JJ1IRS	NJ4V	YU1LD
W5TUF	JM1JZN	NO2EL	ZL3PAH
W6QL	JQ1YIW	OM4KW	
W7WT	JR1AHH	OZ1ZD	