

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 15 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 OZ1LO SM4HCM	PY2XB SM5CEU SM6GZ W8UVZ	UR0MC	RA7A SP5CJQ
357 W1NH			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 JR3IIR KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX		
354 K4MQG K5UR OH1XX			334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE W0BV	
353 JA1ELY OH2BU W9ZR	345 K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA R4GM UA3AKO		
352 N4WW W1JR	344 SM5AQD UA4HBW W7UT	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T UT5UGR W4QCU		
351 K2TQC SP3GEM W1NG	343 K8MFO LZ2DF PE5T SM3EVR W3UR WB9Z		333 EY8MM I4EWH IK4WMA JH4UYB UA3AB	329 AA1V DJ2YA EA6SX I5KKW I5NPH IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ
350 SM0AJU W4ZV			332 DL4MCF JA5AQC OE6IMD SP7VC UT5UIA	
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE N1DG R7LV W1MK	337 JA3FYC K3UA W1YY		328 G3KMA GM0GAV HA5WA HB9BGV IK8HJC JF2MBF
348 JA1UQP K4PI W3LPL	341 DJ6RX OH5VT	336 HA8IE JA2WYN N3XX SM3GSK	331 K1UO N1RJ N8DX OK3GU	

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 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 IZ0AEG	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	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 IV3YYK 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 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 LA2XPA	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
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
W6UC
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	N5TW SP6A W7SX W8DCH
259 JA2NDQ JA9NFO JH1ORA JH9AUB K2LS K7NN N2TU SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT JA5BLB 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 K3RA 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	239 G3KMQ JE3ENP JN1BMX

JR2LJO K5ZD LA0FA N3MN SM5OJH UX5UO W5FI W7ZJ	JE2DZC JH4HMG JH7RXU K7PI KD3CQ KQ8M LU3CQ N5MOA N5ORT N9RD NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B YL2KF	W8WEJ 230 JA6VQA JG1WSC J11DHY K0KVR K1EFI K4XR KD0PO KS1J N1IBM N5JB VE7JO W5ODD ZL2IFB	JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR RN8W SP8HKT VE3CRG W1SKU	JA8EKU JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK W1LW WA4LOX
238 IZ0RVI JH3CUL K2SX K7SP N9RS VE7DX W7CT WA2NPD		229 JA1XAF JH8GYF 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 IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK		225 DS1JFY EA1AF HB9SLO I8JIT JA2FBC JA6BEE JA8DRK 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	232 DL1DUO F3SG JH4ALY K2KA LA9VFA N2BJ NX7K RL3FA S54A W0LS	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
235 DO4DXA HB9BUN JA7LMZ	231 9H1SP CT1FPQ K1ZE K3VAT K4PB N4RWG W1TO W6TC	227 DL6JZ EI2GLB F6FXU HL2WA IK4FNF JA2CXF JF1IRW	224 AI2Q CT1EAV DL6MRS DS5RNM	

PA3CSR SM3LGO W0VX WB3JFS WW3S	216 AB5C HB9CQK JK3BLD JR7FRW K8QM N4ONI N7TY N7UN UT3UZ W0DD W0RX W0SZ	EA7SG EW1BA JA7KY K3OX N8II NN4R NR4M SP7CVW W4VIC	N9JV W4WT W9JJB WA5POK WB5XX	N1QY N3OC RU9UC WS5W YO2RR
220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4EA N2WLG UN7TW W8RLS	215 5B4AHJ DJ9RR DL1SMA K1GE K3FRK K3XA K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC VE7SZ W9ILY WB8K WC4X YB5QZ	212 DL1HRN DL1TRK IZ5JMZ JR3HZW K2AX K7VV K7WJB KJ9C KL0S LA9GX NN4SS RD3BD SV1GRE W3RJW	209 AC4TO AE0P DM1TT IV3VBM JA2XCR JG4AKL JT1CO KJ6NZ N3KS N4XP RU1AB UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E XE1KK ZL2AL	206 AB0CT JA1FNO K6NR K6ZZ KA1J LA6UL NA9RB W1NA W2QO W7AL W9YE
219 JA2TBS K4MS K6FW KE9I KQ4AV SM0BYD SP6M	214 E70T HB9IQB JA1OND JI4WAO K0LUZ K1KA K5WAF K8RRT K9NR N9ISN RU0SN W2AY YB0COU YO3CD	211 CT3DL JH4CPC JN7DOS N2LM PA7TWO RX4HW SM5AOG W1AO W1WC W4MAY W6SZN W8MET W9EWZ WW2DX	208 EA8AXT GW3SFC JA0DET JA1NWD JA2ATE JA5WIZ JA6WJL JH6JMN K7ZD K9ZM OH1JP RQ3A UA3FF UW7UA W2OO WE1P	205 JA0NZR JA8EJO JH6PFY K1UU K2MYR K5QX KA8ZPE KU4XO LU8EKC RT0F W1SSN W5DAW W5VY WA0I
218 CT3HF JA2AHH K1XM KS3F S55DX W0AWL W1OPD W5FKX WB8CQV	213 AA8CH DK3UA DK7YY DL1SDH	210 AA8OY BH4IGO DJ5DT JA7LGE JG3LGD K5VWW K7ORK K8KS K9TF KG9Z KT2E N2NS N4TL N5BO	207 AA5AT HB9BAT IV3TDM K1KO K1NJ K4JPD K4YYL K7UT KA7T LA2PA	204 A16Z JA8JO JH4FEB K1CA OH8NW SV1VS W2/CT1GIF W6KK
217 EA1RT IK2ANI JA1GRM JA3LDH JA5JUG JE2EHP JK1GOK JR2UBS JR5JAQ K6DT OE3SGU OE5RLM OH6NIO ON6AA W1RR W6AUG W6RKC W7HPW				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	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 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
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 DL9DRA IT9AAI JA1SHE
168 DL2NOM EA5OX	165 AA3LX E70A FG8OJ HC1BI JF3PNQ JS6TWW K5CR K7JH LX1KC		160 AB4UF	

JA2ITK	GM0AXY	IU8FRE	JA6COW	WB4JTT
K4XU	JH1SJK	JA0NPQ	JR7ILA	WV2I
LA2GH	JH1VHU	JA1QOQ	K1AJ	
N2ZZ	JK1TCV	JA2BUR	K1PL	149
N4DWK	JR1DUP	JA7GYP	K3FM	AL7TC
R7LP	K2DC	JH3HTD	K4ST	IZ4MJP
RU3UR	KR6C	K1YT	KD4OS	JA0LXP
W1GQ	KZ5DX	K4EU	KM1C	JA1ADN
W2RA	LA2RZ	K5IB	KS4S	JA1SGU
WO3Z	N1MD	K7GA	N3MK	JA4ZA
WS1L	N2ZA	KH6AT	N4HID	K0GW
	N3IQ	N2FF	N9DR	K0KP
157	N4IG	NA6MG	NF4A	K2TER
CT1DKS	N8AYY	NK7C	UA1CEI	K3NF
G4AFJ	N8WRL	OZ7DN	VA3XQ	K4WY
JA2EJI	N9XX	SM6AOU	VK2GR	K8AV
JH1DGJ	OM8FR	VE1DUN	W0JM	KM2E
JR4VEV	PA7RA	VE3YXO	W2TB	N7MB
K2CDJ	RN3QO	W5ZPA	W4WW	N9IO
K7LFY	SV8LMQ	W8MIL	W8VVG	NJ7G
K8WVA	UN3G	W9GE	WA0ROI	NX2X
N0VVV	W0NFL	W9SE	YO6HOY	ON5TW
NJ6D	W0VHF	WN9O		W6RFF
UA4PK	W1AW		150	W6ZO
VE3UZ	W2HUG	152	AL7R	WA2MZX
W4PV	W4HOG	AF2C	CT1FUH	WW1WW
W5PJR	W7IUO	EU1DX	DK5RL	YB2TX
W5RF	WO9S	G3LUW	DL2JIM	
W7RN		IK0CHU	DL2VPO	148
W8BBQ	154	JA4VLK	DL7AA	EC1AIJ
WV9L	DK3BK	JA6GPR	F6HLC	IZ4AIB
ZP5ALI	G4FTC	JR1WCT	HB9DQV	JA1CZI
ZS2EZ	JH7LBE	K4QD	IK2RPE	JA6OXT
	K0THN	K4ZA	IZ0CKJ	J16IHG
156	K4WFM	K9JU	JA0PE	JN3RBE
DK0EE	K8RF	LB7ZG	JA3EOP	JR8AMF
JA1QGC	KE4VU	SM2HWG	JA9AA	JT1BV
JA5BZL	KG4CUY	VE3EK	JE1VTZ	K4WJ
J11WLL	KK4HD	VE7XT	JF2VAX	K7CMZ
JK1UNZ	RA0BA	W0LYI	JH2VVH	N4NW
K6XN	RD9M	W1LE	K1VI	N6IG
KK9H	RT5A	W1MR	K2OP	NG0G
N4IQ	SM5BEU	W1NK	K4NC	VE1VOX
NA9Q	SP6EIY	W3NS	K5DHY	W4MA
SP5ELW	W2UB	W4NZC	K8MN	W8WFN
W2FK	W2YK	W4TNX	N0STL	W9CSX
W7CA	W3KHZ	W7FI	N2SQW	WB2HJV
W9HBH	W4UEF	W7IB	N4PYI	WB3LHD
WB2AQC	W6NK		N6WT	WS1E
WM0X	W8MHW	151	ND0F	
ZL3RJ		AA4FL	NU4I	147
	153	EA7OH	NZ2L	AB4SF
155	7K3QPL	EI3IO	SM2GCQ	AD6ZJ
5T5PA	AA9GR	EI9E	W1JGS	DK6OR
9A1A	EB3CW	G4XEE	W4NBS	DL6KY
AA4DD	F4FLF	HL2KV	W9GXR	EA5BZS
EA3EQT	G0VXE	HP2AT	WA4MME	HA5PT

HL4CJG	W9MR	W0QQ	NY9H	N3TR
IK4HLO	W9ZCL	W2ZI	W1DXH	N4XYZ
IK8VRH	WA2USA	W6BCQ	W2TX	N6QI
IZ0BTV	WA9DU	W7QDM	W3DQS	NN7X
JA4EVN	WC3W	W8SAX	W9IL	NU1B
JA6NQT	ZS6UT	WA1YTW	W9ZJ	RA0R
JH1UBK		WC4H	WQ8T	SM0XBI
JH8BOE	145		WT9U	VA7QI
K2CYE	AA0KA	143		W3AKD
K3PT	DL2RD	AB5GU	141	W6GJB
K6ME	DL7UGO	AC6DD	DF2UH	YL2AP
KB1W	DL9GTB	AI8P	DL9ABM	
KD7H	EI6IZ	DJ3AS	EI4BZ	139
LA5XGA	F6KOP	IK1IYU	I0LYO	CT3DZ
N7MQ	IK8GJR	IK2RZP	JH6DUL	IK0ZIO
N7TP	IW0HOU	JA6IVR	JH6WMJ	JF0JYR
NV4B	IZ0NRG	JA7FWR	JJ1OKK	JH0AWC
V51B	K1XV	JA9APM	K0OK	K3SW
VA3IC	K4WES	JH2XQY	K3WWT	K3SX
W1WEF	K4ZNC	JR1CAD	KB1HY	K4KAL
W6BK	K5EWJ	K2CS	LU2BA	K6LPO
W7EYE	K8SIA	K2SN	N4MI	KE4S
WB0O	KB7V	K4EB	N6AA	KH6DX
WF5E	KD5R	K7KB	N7DED	KL7J
WS1F	N4UFP	K8ZZU	RW4NJ	KS3L
	SM7CQY	KW9U	SP7ICE	LA9FFA
146	UA5D	N9KW	VE1JBC	N1IA
DD0VU	W0SR	N9PGG	VK6OZ	N6KZ
DK3QM	W1ER	NA9A	W0MU	N8NB
IK2DZN	W2FB	ND3L	W0RXL	NM1G
JA1WTI	WA5NFC	NU4Y	W1DYJ	NN6K
JH3FUK	WB6CJT	NW8F	W2HUV	PP1CZ
JH3GCN	YB2DX	OZ1HPS	WA4NUF	W0TM
K4MX		RA3CO	WE9A	W5THT
K4ZRJ	144	RX3BP	WQ6Q	WF1H
K6LRN	AA0MZ	UA9AM		WQ5R
KI1U	AA6PI	US2WU	140	XE1FAS
KK0M	AB5A	W1ENE	AA4US	
KK6T	AK5Q	W2NRA	AB0RX	138
LX1CW	EA7DUD	W3DM	AD3C	AA4UC
N5CQ	F1RAF	W3IZ	AG5W	AA5B
N7JB	HL2EIZ	W9HZ	EA3CZM	EW1LM
N9JR	IZ7AUH	WB2GOK	ER0FEO	HB9AZO
PY2IQ	JA0KJE		IK0WRB	HK3PJ
SP3F	JA1UXC	142	IK7YZG	IK2HDF
VE3UTT	JH1EIG	AG4Q	IV3VCS	JA3XNH
VR2CH	JH2RMU	HL2DBP	JA3EY	JF1WLK
W0MS*	JR1IZM	HL3AMO	JA7KQC	JF2OZH
W1NR	K0LB	IK2WPO	JE1DXC	K2MK
W2JLK	KA0CDN	JE2VLG	JH1BAM	K2WK
W4DEE	KE5PO	JH1VUO	K2HT	K3DFL
W5KI	KM8AM	JH7LVK	K4JWA	KE7LU
W6AER	N1KC	K0PJ	K5HK	KF4VTT
W6OUL	N4SC	K1ZJA	KE8UM	N2KX
W7TSQ	N7OJ	K3NQ	KP4P	N7WO
W8QZA/QRP	NZ3O	K6IPM	LU8ADX	N8GP
W9MJ	R7LA	N1BZ	N2PK	NU1T

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	I1YDT
WI2E	K5YU	CT3CD	VE3SKX	IZ3ETU
WN9Q	K8CS	DF3OL	VK5GR	JF2QNM
WT2P	K8JE	DK2BI	W6MVW	JH8JBX
XE1ILI	K8KI	HB0WR	W7JET	JL6USD
YO3VU	KC2STA	HL2CFY	W8JA	JM1VRW
	KM1A	IZ1JMN		K1UM
137	LA6MP	JA1EMQ	132	K6IPV
AA9RR	N7NH	JA2OLJ	9AY2K	K7LAZ
DL2VWR	NE4A	JA8ALB	AA3TH	K8EB
EA4UV	NU1O	JE1WZB	AE5B	K8JP
G8AJM	RL3BZ	JG3HBO	CT7ANG	KK7YC
HB9ACC	W1FA	K0XP	DJ0AH	KM4A
IK3DVY	W2PD	K4MV	DL3IAC	KR4BD
JA1KPH	W5JE	K5TU	EA5RD	KX6C
JA9GPG	W6DCK	K8QKY	FG4NO	N0TK
JH1ERJ	WB0TVY	KC5LK	I1CMA	N3HYB
JO4CFV	WD8LTM	KF2TI	IV3TMM	N6FS
K5ALQ		N2NW	IZ6ERS	ND7K
KF6A	135	N4TD	JI1MNT	NT9F
NA1DX	AC5AA	ND4V	JN3TRK	OH2LU
NB3R	AE4CW	OE1ALW	K4DSE	RU3UN
NC6A	CT3FN	SM5CSS	KJ6Y	SM6VR
OE5JDL	G4FJK	W1OG	KS4YT	VE7TK
SK0QO	HB9VAB	W1ZS	KV4T	W4SD
UT4UZ	HK6K	W2DXE	KW4CQ	W7NP
W0JMP	JA3VPA	W4UFO	N2XQM	W8FAX
W6TK	JR1JGA	W5BK	N6VI	W9UM
W7KSK	JR7GBL	W6EJJ	N8XI	WA6EZV
W7QHE	K0FLY	WA1NXC	NA4CW	WA6TQT
W8UQ	K4IE	WA3SKQ	NA4MM	WB0PWA
WB2KSK	K5LC	WE2N	NG7M	WD8MGQ
WB3D	K5QR	YB1TJ	NH6T/W4	WW1V
WO5I	K7LY		NJ9C	
YV5OIE	K7WK	133	NO0B	130
	KD3HN	AC4VM	NW7US	7J1ADJ
136	KN4JX	DL5JS	S53MJ	AA9AA
9H1AE	KO4PY	DL8JJ	SM0MPV	AB6BT
AA6RE	N3KN	EA3CWK	UA3SAQ	DJ4SO
AG1I	N4CT	HP3TA	UA9AGX	DL9GCG
CU3EJ	N4QWZ	IK6COX	VA7XX	DL9JI
DL5SBA	N9MB	JA0AXV	W0UVC	EA8MT
HB9MFM	OE3EPW	JA1FUI	W0ZT	EC5A
HL4CCM	PT7CB	JA2BL	W5RYA	HK3MCM
IK8PGE	SP7ASZ	JA6BF	W5WLA	JA4RED
IZ7EVZ	W1MRH	JH4RLY	W7IU	JA8BAR
J68HZ	W5BN	JM3GXU	W9RB	JL1GYZ
JA3UCO	W6FL	K2KIB	WB4CW	JM1GHT

K0HB	W2EQ	HA3OU	WV1X	K6SLO
K4ODL	W4LIA	JA1DIO		KB9S
K4VX	W9RC	JA1FHK	125	KF1P
KC4AA	WA1ZIC	JA1XRA	7K1CPT	KM1R
KF7NN	WA5NOM	JH3PRR	AA4LR	KN9N
KP4DKE	WD5BJT	JJ6DGP	AB2DP	KP4MS
LB8OH	WY6N	JN1MKU	AD4AA	MU0FAL
M0IKW		K0AZ	DL9BM	N1YX
N0TR	128	K3OK	EA1P	N3KR
N1NU	4X4MF	K7PO	ES3VI	N6XT
N4LUF	7M4AOE	KV7N	G0HIO	N7AU
N4XMX	7M4CLF	KW2J	G8BCG	N7ELL
N7TM	A71AM	KX9X	HB9JG	NC2Y
N8IL	AG8L	N5QS	HB9JOE	NN4K
PY2FN	AK4AO	ON8VM	IZ5EKV	NS4F
SM5BNK	DL3BUE	W4GP	JA2QCX	NY1V
SO5AS	DL6NW	WA0WWW	JA6EXO	OT1A
VE3FRR	G4FKA	WA2ALY	K2ZZ	OZ9XU
W0AD	HB9FBG	WA7BNG	K5TIA	W1ASB
W3JXP	HB9HBZ	WB2KSP	K6BZS	W5WZ
W3ML	HK3O	WC0W	K7QA	WA4QMQ
W4NK	IT9ZZO	WC5E	K8GWU	WA8RCK
W4SW	JA0ED	YT7T	KG5VK	WA9BZW
W7FP	JA0EVI		KM9E	WB4SON
W7LGG	JA3AYU	126	KQ5M	WD6T
WK9U	JA6JNF	AD5WB	N3OUC	WR7Q
WO5D	JE3BIQ	DK3FB	N4ENE	ZS6NJ
WX3P	JE4CIL	EA4EPY	ND4X	
	JM1HJG	EA6EE	PT2CSM	123
129	K2QB	EW4A	PY2RN	AB6CF
AF4OX	K4LQ	G4NBS	RT2O	AC0W
CX2CC	K8ROK	JG1SWM	SV1CQN	AC4BT
DF7GG	KA1O	JG3KLF	SV1EOG	DD0VE
DL3LAB	KD2GC	JH4GNE	W1MJB	EA2AAZ
EA5DFV	KE3X	K1EDG	W1XV	IK1RLI
GM0CWR	KE4BKL	K4ZMV	WB1DX	IK4BHO
JA1KXT	KF7F	K8FZ	WD8KND	JA2CXK
JA1TGO	KL1V	K8YE	XE2YWH	JA2JRG
JA7EU	N2AJ	KC8IVC		JA2KSI
JA7JPZ	N4KM	KI3O	124	JA3AVO
JF7NNI	N4MEC	KI5GD	BG8PA	JA7KE
JR0EQQ	N9JCS	KN7Y	CU3AN	JA8EOT
K3VPZ	N9LEO	KS0M	DF3EC	JE1HRC
K6QU	NC4RY	KS4XQ	DM5JBN	JE3GUG
K7VC	SM6DIN	LA7EIA	F8EZE	JH0NBN
K8YYY	SV2JU	M0VCB	G3VAO	JH6WDG
KF4NEF	VY2MC	N2SG	G3XLF	JO1ABS
LU2JCW	W1PNR	N4LV	IK0OPS	K0KM
MW0CBC	W3EF	N4UW	IK4TVP	K1QN
N3AIU	W5UE	N5JC	JA1TD	K3GO
N4GBK	WB5NHL	N6PEQ	JA2AH	K4GO
N7BD	ZS2Y	N8VV	JA7HRM	K8GT
PY3SB		OZ9GA	JA9GLW	KC4HN
UA0APV	127	W1BYH	JE6UWU	KF2DT
UY1HY	AA3AZ	W4PG	JM1LPN	LB5GI
VO1AU	AI2S	WB2GAI	K2WJ	N6NT
VU2MSA	DL5KUT	WB5STU	K3LA	NC1M

NS3L	WN0L	IZ5EBL	N6OJ	VR2PX
NZ5O	WR2G	JA3BLN	NA2R	W3ACO
OH2BEN	WV1R	JF1EGO	NK7Z	W4SKW
PT7DX	ZS6IR	JH1LZU	SK6SJ	W5SJ
SV2BXA		JH6CDI	SM6NJK	W6GM
VK2CA	121	J13BFC	SV8QG	W6WF
W0MS	EI8GS	K1TKL	VA3HP	WA3GM
W0PE	F6FYD	K3SF	VE4JBB	WA4USA
W2PSU	GM3WIL	KD2SC	VR2XMT	WB4PWZ
W2XX	HB9BOI	KD4POJ	W5UHQ	WZ6Z
W4GKR	IK4TVQ	KF8HR	W6IS	XE1R
W6PH	IK5BOH/2	KI4TZ	WA3YZD	YB1RUS
W9ROG	JA0MRW	N2CG	WA9JWL	ZS5LEE
WA8Y	JA2ACI	N5BA	WB2ZAB	
WB4GLI	JA8EIA	N5PA	WB3BFC	117
WC4V	JH1AEP	N9DJ	WB8IZM	AB4GE
WQ1H	JH1SBE	NO2C	WB9WHQ	AJ8MH
	JR4CZM	NW4M	WY0V	DF2UA
122	K0FG	PY2SEX	ZL1WG	EI7GY
9A3LYL	K0QQ	SV3AQR		EI8IU
AA7FL	K3AR	VU2PTT	118	F4DSE
BV1EK	K3IXD	W0UY	AA4NG	F4WDL
F5RQQ	K3JM	W4AFB	DL2RUG	G3PSM
HB9BEM	K3RWN	W5DM	DL4FDM	G7SSE
HB9IIO	K4GM	W5EC	DL5MX	HB9PUE
IK6BOB	K4SAF	W6DE	G0MFO	HL4GHT
IV3BSF	K7STO	W6HDG	G3YFE	IK0XIH
IV3KCB	K8CXM	W7HUY	G3ZEM	IZ0GYP
IZ8EJB	K9QJ	WD9FLI	G4CWD	JH8KFE
JA0CIU	KC9WPS	WN7J	GW0ANA	JL3DGI
JA1CPU	KD8BZY	YE6YE	HB9DLE	JR1SLU
JA3EEM	KM7R	ZS1C	HL3ERJ	JR6GHN
JA8ZO	KT5X		I5CRL	K0MP
JE8IGW	N2KI	119	IT9IPQ	K0PC
JH0OXS	N4BAF	DS5ACV	JA2NNF	K4AR
JH2PWY	N4TKF	HA8UT	JG1WNO	K4AU
JM1ESG	N7WR	HB9DVO	J11FXS	K4SX
KD0S	NY7T	HB9GWJ	K1TU	K4ZIW
KF2OG	OE1HHB	JA0CVC	K3IZ	K5GM
KF8DX	W1OK	JA1DXR	K5WE	K6CF
KT8D	W3NRJ	JA7VEI	K6UXO	K8ZM
LA6EIA	W4AEJ	JM1GYQ	K7UPJ	KB8KIM
N1SZ	W4EB	JR2CFD	K8IKE	KE1IU
NI4Y	W4NE	K0IIR	K8WHA	KG6D
NU4B	W5FL	K1FE	KB0V	KK9T
OZ3SM	W5MF	K1LTJ	KB1AWM	KM1H
SM2EJE	WA6JA	KB4CRT	KB2XJ	KM4NS
UA6LCN	WW8RT	KK4QN	LY3BS	KM5G
VE7ON	YB1AR	KV4AA	N1FOJ	KS9R
VE7VF	YO3JF	LA4C	N3MLV	KU4V
W1GF		LZ2HM	N3RW	LX2PA
W4AO	120	N0ATQ	N9AZZ	N0IW
W4PNY	DL1EV	N0ODK	NA5S	N8JK
W4RS	DL2VFR	N1DC	OE3JAG	N8WXQ
W7BJN	EA5B	N2RR	TA1L	NC8I
WA6KHK	IK7YCE	N3CW	VA2IG	NL8F
WB1EAZ	IQ2VA	N4JQQ	VE3PNT	NW2I

ON4AGX	W1GWN	W2HAZ	WR2V	DF2WF
PT2BW	W4ARK	W5GO	XE1EE	DF5CD
SV2CLJ	W4CZ	W5HNC		DJ7JC
SV3RKM	W4DFU	W6QON	113	DL8DYL
TA1AL	W7RR	W9RXJ	6K5AQY	G4DBW
TF3DT	W7VJ	WB2P	A92IO	HK4EB
UT2VC	WA2EOV	WN1M	AC9X	IK0UTM
V51YJ	WA8LOW	YO3HOT	AK1P	JA0HC
VE7ACN	WB4DNL		EA2J	JA9RT
W1UN	WB8FIW	114	EA5HM	K0PX
W3WN	WC2C	AA4H	EA8TZ	K0UBR
W4OWY	WF4W	AD4XV	G4RGK	K1KOB
W6KR	WJ1B	AK3E	HB9HHH	K2DW
W8BI	WQ5C	BA4TB	IZ0FUW	K4NTO
W8VK	WV4V	CT1ELF	JA2MNB	K4ULA
W9BB	WW0E	HL3DE	JA4JSV	K5VR
WP4CQ		IZ5GST	JH3GRO	K6EGW
WS4H	115	JA2LHG	K0HD	K6LD
ZL1ANH	AA5N	JA3VUI	K0XM	K6MKF
ZP5FGS	AB0S	JA7MAD	K2SD	K7DS
ZP6VT	AC0B	JE1LPZ	K2TG	K7SX
ZS4JAN	AJ8B	JK1MZT	K6OJ	K8LE
	CT1DOF	JR1ATQ	K6ZP	K9UVK
116	DF8FT	JR1EYB	K8SM	KD9ZR
4X1EL	DH3KM	JR1VAY	KC2SST	KM4HQE
AB1J	DS5DNO	K0BRO	KW1DX	KP3R
E77S	G0JJG	K1QQ	N1ZJ	KR4DA
HK1X	I6DQE	K4TXJ	N6RC	LU3XX
HL5BMX	IU8HEP	K6GWN	N8RF	N1BB
JA2DHG	JA1OVF	K6PT	N9RE	N3NO
JA3UNA	JA7FAS	K8AO	NJ0F	N4WOT
JA9IWR	JA8GSN	KA1DJ	ON6LY	N5OP
JH3GFA	JH1RVQ	KM3J	ON7BJ	NN2D
JO1LVZ	JH4VDP	KX2S	VE7BZ	OZ7QB
K0BFR	JK1SAI	LA4RT	W4CC	PY6TS
K4IU	K0IL	LA4WJ	W5RDW	R3BB
K7VS	K1HJC	LA7QI	W8AEF	R7NA
K9LCR	K4MIH	LA9XGA	W8PE	SP1NEN
K9ZG	K4MIJ	LU1FM	WA1EHK	VA7ZT
KC1ERO	K5AX	MM0BQI	WA2AOG	VE3GFN
KU1T	K5LY	N2YBB	WB9MSM	VE7NY
KU8X	K8LBT	N6RJY	WK1Q	VK7ZE
LA2IR	K9EXY	N8AID	WW5L	VU3WEW
N2SU	KB0EL	N8KUS	WY7M	W1RG
N3ER	KC2WUF	N9NB	XE2MX	W4EJG
N4HGZ	KE7PB	NG4C	YB0EIN	W4JVN
N4QVM	KK0T	NR0T	YE1AR	W4UAT
N6NBB	KK5OQ	ON6KE	YV4DYJ	W5FPT
N6VH	LT1F	PP2FN		W5MJ
NV4A	N0OP	PV8DX	112	W5TFV
OH1NSJ	N6DHz	W4TTY	7N4OBV	W6CN
PA2R	N8SHZ	W7BV	AA3K	W9LYN
SM1NJC	ND4Q	W7HJ	AA7UN	WB4CTX
UA1OM	NK2H	W8UMA	AA9WO	WB4FNH
VU2ABS	PV8ABC	WD1M	AC9O	WX4TM
W0ANZ	UU1JA	WG0G	AD1S	YU1GM
W0QC	VK3OT	WN6K	AD4YQ	ZS6NK

111	WA7HQD	LA4JGA	K7CU	JA4CZM
8P6SH	WD9IOK	N2KW	K7IA	JA5OP
AA8KY	WE2L	N4ANV	KC5LT	JG1LBN
AC0X	WF2Y	N4CO	KD4W	JG2LGM
AI1W	WO2Q	N5RN	KP4AH	JJ7XTV
AI4WW	WZ1Q	NU0Q	N1UZ	JK7LXU
DK9WZ	ZP9MCE	NW6V	N9BVA	JR3QHQ
DL1DH		OZ9U	ND1T	K1KZ
EA2AGV	110	R0QA	NN4RR	K4DB
EA4EJP	AD8NQ	R6AZ	NR3Y	K4JDV
EI1DG	AE4M	SM0CXU	NS4X	K5LA
EU1TT	DF1JM	SV8RX	NX3A	K5VG
F4DVO	DL2AMD	TF1A	OZ6PI	K6NS
HB9LAK	DL4IW	VE2GHZ	R2ARR	K6XJ
HC1HN	DL8XDA	VE3EDY	SV1XV	K7QBO
I2QMU	DM3XRF	VE3YV	SV3EXP	K8BB
IC8SQS	DS4CNB	W0QL	TA6N	K8ZT/QRP
IK2PZC	F5NNN	W0VM	TF3JB	KD4RH
JA3HBF	G3WXX	W3KN	VK2DAG	KD4SN
JA3QOS	HB9AGO	W3SB	W1KDA	KE4KMG
JA9FO	IU8IYE	W4GF	W1RH	KE9XN
JE1GWO	IZ0GKB	W5SUM	W4DWS	KX5V
JH8GEU	IZ8EKL	WB8EKG	W5XU	LU4FW
K0RW	JA0JPD	WQ5T	W6EKR	MM1PTT
K1VMI	JA0UMV	WY4I	W7XE	N1HO
K1XE	JA1EMK	XE1L	W9KM	N1TA
K3GW	JA1KZP	YB4IR	WA4YYM	N2TC
K3HW	JA2KTP	YV5LI	WA5YNB	N4KEB
K6DJ	JA4HXF		WA7BNM	N8KOJ
K8CCV	JA7GAP	109	WA8LRW	NN7A
K9ARZ	JE3CHA	4Z4KX	WB2UFF	NT6AA
KA4H	JF1KKV	AA4MD	WI7N	OZ1OXQ
KB2HK	JH8FIH	AA4ZK	WY7FD	PJ2HB
KI7M	JJ2VLY	AA8BN	ZS2ACP	PV8RR
KJ4YLO	JM1GAW	AJ9K		S51DD
N1KM	JP1NWZ	CT1CQK	108	SP5LKJ
N2FY	JR0QFA	DL1TPY	7L3SQL	VU2IT
N3BOB	JR1RCQ	DL2RTL	9A3ST	VU2OT
NC6K	JR2PZX	DL9QJ	9A5SSS	W0YDB
NE1RD	K0HP	EA3BL	AC7ZG	W2GHD
NJ1H	K1LZ	EA3GCT	AE4VJ	W2ZK
NR5R	K2GLS	F4GVO	AF8C	W4EW
OE1JIS	K3EE	G4EHT	CO7RG	W4GD
RV3GW	K4AFE	G4UZG	DH4RL	W4PGC
UA6MA	K4DET	HB9DRS	DJ5EY	W4PGM
W1HEO	K7JI	IK0XKP	DL3ANK	W4WNT
W3WH	K9AQ	JA0HXV	EA5DKU	W8LYJ
W5WI	K9GY	JA6JYM	EA8TK	W8ZR
W6IHA	KA1API	JA9IFF	F5UJK	WA3FRP
W6ZPL	KB2RA	JF6AKS	G0KHO	WU4B
W7AM	KB4FXE	JI4HKA	G3VXJ	WY2E
W8QWI	KB4KBS	JI5RPT	G4SSH	XE1OX
W9GG	KB5GT	K0MFI	I7PXV	
W9KX	KI0I	K1RY	JA0DBQ	107
W9MMZ	KK4TK	K4BNF	JA1SZN	AD5MD
W9WO	KM5VI	K4RDU	JA2CPD	AI9U
WA6URY	KS0Y	K6JJ	JA2VHO	AJ4IM

DK3TL	VR2XYL	KE6V	F8GB	W4CU
DL2KUA	W1XY	KF8VX	HB9CA	W4RQ
DL6ZNG	W3UI	KJ6ZH	IK0WMJ	W4WIV
EA1AA	W3UTD	KK8MM	IK2DJV	W5ADH
F1ICS	W5UQ	LY2PAQ	IZ5IMB	W6SIY
F8DZY	W6BBS	LZ1HY	JA6MWF	W7MD
G0RPM	W7SMW	M0RTP	JG3KMT	W7VS
G0THF	W8LWU	N0MR	JH2AHZ	W8EH
G3RZP	WA2PNI	N4LB	JH3AEF	WA0GOZ
HA8UB	WA9IVH	N4WMB	K2IUK	WA4HXC
I4FGG	WB9UQE	N8TFD	K4RM	WA4RTE
I5XFD	WD4IXD	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
KM2O	HL1XP	WA3DCG	N3ZA	HA0EQ
KM4FI	HL4CBX	WB8RFB	N4FN	I3DUB
KP4N	IK5TBK	WD3P	N5OGP	IK4QJH
KR9A	IZ4COT	WS7W	N6DW	IV3EHH
N2RD	JA6ENL	WX0Z	N6VNI	IZ8EYN
N3YZ	JF1CZQ	XE1V	N7KDT	IZ8FDH
N4KZ	JH8DEH	YB0JH	N7NM	JA1KXY
N4WD	K0CF	YC0LOW	N9AX	JA2DCN
N5PO	K0GEO	YO3NL	NF7D	JA3MIO
N5TF	K0GK	ZL1BBW	NS7K	JA4AO
N6ER	K0HQW		OV5O	JA5EEU
N6JM	K1EP	105	PA2SWL	JA7TQK
N7VPN	K2JK	9L1JT	R3LO	JE4WOK
ND9M	K4GZ	AA4UJ	RA6XV	JO4JDU
NQ2O	K4RP	AA4XR	SM0EUI	JQ3TAN
NQ4A	K5MMH	AB2NI	UQ2GM	JR2PAU
OH3FVP	K7CTV	AC5O	VA7DX	K0FF
OZ2TF	K7PT	AH7G	VE3MSK	K2DF
SM3JLA	K8CJY	DJ8KM	VE9RJ	K2RNY
SP7QHR	K8FB	DL6DK	VY2RU	K4KFH
SP9IZV	K9SUH	DL9NDV	W1DAR	K5RKS
SV2DSJ	KB9AIT	EA1AZ	W1KMA	K6JAD
UR4CW	KC4PX	EA1T	W1USN	K6MYC
UR4IOR	KD3UY	EA5XV	W3DAD	K8TS

K9BJM	HL9HH	RZ6LB	IK2ECP	UA2CZ
K9JDP	I0BJV	VE1GBD	JA3MHV	UN7BK
KA5JSM	I6XGZ	VE1HA	JA3VQW	UX4UM
KA5RNH	IS0/YO3RA	VE3GLA	JH1GNU	VA1SEA
KE1B	IS0MVE	VE3MIS	JJ1KZZ	VA3OKG
KF0RQ	JA8AQ	W1VEM	JJ2BLV	VA7FC
KF6E	JA9IPF	W3ATV	JO1MOS	VE3KKB
KF8AR	JE4FNC	W4TJE	JO3WHB	VR2ZXP
KH6XT	JF1MTV	W5SG	K0GX	VU2LBW
KI4RD	JH1OGT	W6OP	K0ZM	VU2MB
KK4MA	JH2CYU	W6SA	K1CN	W0FF
LA3ANA	JH5OTE	W6SFK	K1HC	W0PXM
LA9VBA	JH7WQX	W7IH	K2FJ	W4PM
LZ1SW	JK2VOC	W7PC	K2MHE	W5TZN
N3COB	K1HDO	W8KTH	K3IU	W7YED
N3STZ	K1ROA	W8LAQ	K4CKS	W8DN
N4PF	K2YEH	WA7IHN	K4KZM	W9LU
N7YQ	K3GP	WA8MOA	K4NI	WA8COB
N8PE	K4MQL	WA9BXB	K4OP	WM0G
NE6V	K5NV*	WB2EBS	K4VUD	YL3GDM
NY2E	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
EI8IQ	NC6RJ	G0UII	OH3PYY	JA5ALE
F3SJ	NM4Q	G3JFC	PF7M	JA5XPD
G3VDB	NX1P	G4AYU	PR7AB	JA8ANQ
GM4ELV	RA3LD	HC1HC	PY2OP	JH2AJY
HA0IT	RM4C	I7LGM	SM7TZK	JM1SMY

JR3TOE	WA7HR	K2ITT	RA6XB
JS6QOM	WB8TGY	K2RKJ	SM7DXQ
K0HIP	WD4OHD	K2ZD	SP5BMU
K0SQ	WF3M	K3CWF	SP5ZCC
K1JE	WS7I	K3HPA	SQ5M
K1YA	YB0AI	K3RRR	SV8RMA
K2KNB	YB1AYO	K3SUK	TA2AD
K2RB	YL7X	K4AEN	UA4PT
K2UT	ZL2LW	K4HEB	UX5XK
K4TOR	ZL3NW	K4LRX	VA2GA
K8ARY	ZL3TE	K5HX	VA3VF
K9EA		K6JBH	VE2ACP
KA1NCN	100	K7NW	VP5JM
KA4IWG	5N0ETP	K8ESQ	VR2IL
KB5NJD	A41ZZ	K8MRT	VU2DED
KB8DID	A71XX	K8OS	W0GXA
KC0V	AA2MF	K9CHP	W1FP
KD0AA	AA2T	KB2S	W1KQ
KD1YV	AB4KJ	KB3KJ	W2FS
KE9UA	AF8P	KB4CP	W2NY
KJ4FZ	AI4EY	KB4FB	W2RL
KK4ODQ	AK4N	KC4DM	W3EP*
KM4EX	AK9B	KC8YG	W4LEW
KU9S	DG0OAT	KE5MMT	W4MIR
KZ1X	DL2YBG	KE8NOA	W4UT
LA9JKA	DL3XAC	KF9WV	W4YR
N0IRM	DL6ZBN	KG6KH	W5IO
N1GNB	DO2UDX	KI6PG	W5WS
N4VG	EA2RY	KJ4EX	W6OU
N6RVI	EA4D	KJ4UZU	W6PG
N8LIQ	EI5GSB	KN4OK	W7NUW
N9OK	ES7GN	KU4A	W9COS
NE5W	F1OBJ	LA8W	WA9EZT
NK6O	G4PUQ	MW2I	WB2AMU
NZ3M	G4SGX	N1GFV	WB2BXO
OH2LHE	GI0VJE	N2JNE	WB2MKX
PA1NHZ	GM0VIT	N2XTT	WB4JPG
RW9LL	HB9CZF	N3CAL	WB6RAB
TF3IRA	HL4XM	N3MX	WD0AJG
UA3FT	I8YAV	N3PS	WD1Z
UA3UCD	IK2HLM	N3PV	WI0E
UA9CIM	IZ4IRO	N4GOA	WK3A
UR3HC	JA1BDF	N4UP	WM1L
UY5AR	JA1EYN	N4UY	WM9Q
V31CQ	JA2ODB	N5CR	YB0MWM
VE6TL	JA3BKP	N6DKZ	YB1BML
VK3FNJ	JF3MKC	N7ZT	YB2TS
VU3CAU	JH1HRJ	N9AKR	YO2OXD
W3GP	JH8CFZ	NA9L	YO3GJC
W5TSB	JJ1IRS	NE3K	YO6HSU
W5TUF	JM1JZN	NJ4V	YU1LD
W6QL	JQ1YIW	NO2EL	ZL3PAH
W7WT	JR1AHH	OM4KW	
W8JY	JR1LZK	OZ1ZD	
W9IE	JR3ADB	PA3GFE	
W9QO	K0MB	R3DL	
WA3YGQ	K1YWW	RA3UT	