

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 28 Apr 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

358 W4DR	347 JA4DND K4DY OZ1LO SM4HCM	SM5CEU SM6GZ W8UVZ WB9Z	UT5UGR	SP7VC
357 W1NH			335 JA1BK JA8EAT N2TK UA6A W4VQ WA4FFW	330 9A7V G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV OE3GCU RU3DX SV1FJA VA3DX W2YC W5ZN
355 EA8AK	346 I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	340 JR3IIR KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	334 DK5PR F6BKI GM3POI JA8DNV K0KX KF2O NR1R OZ1BTE SP3EPK W0BV WD5COV	
354 K4MQG K5UR OH1XX				329 AA1V CT1EEB DJ2YA EA6SX F5NTV G0JHC IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ SP5CJQ YO3APJ
353 JA1ELY OH2BU W9ZR	345 4X4DK K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA UA3AKO		
352 N4WW W1JR	344 SM5AQD UA4HBW W7UT	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T R4GM W4QCU	333 IK4WMA JH4UYB UA3AB	
351 K2TQC SP3GEM W1NG	343 K8MFO LZ2DF SM3EVR			
350 SM0AJU W4ZV	342 JA2JPA K4ESE N1DG PE5T R7LV W1MK W3UR	337 JA3FYC K3UA W1YY	332 DL4MCF EY8MM I4EWH JA5AQC OE6IMD UT5UIA	
349 HA0DU SP5EWY W4AG		336 HA8IE JA2WYN N3XX SM3GSK UR0MC	331 K1UO N1RJ N8DX OK3GU RA7A	328 G3KMA GM0GAV HA5WA I5KKW I5NPH IK8HJC JF2MBF K0SR
348 JA1UQP K4PI W3LPL	341 DJ6RX OH5VT PY2XB			

K3FN N2LT N3SL N4CH R3OK SM5KNV SP8AJK UA3DPM W3NO W5EU	OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	SV8CS UA4LY WI8A	314 AA4HP JA2FBY JA3PIS JH2TPI K6XT K9CT N5DG OE5KE SM6CTQ	JO1WKO K2RW K2UU K4XO K9ZO N8RR
327 DL1RWN EU7A K4UTE N2QT RZ3AM S58T SP3E SP7GAQ W8AV	323 CT1APE EA6NB HB9BIN HB9RG JQ3DUE N0RR N3NT RV3LO UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V F6AOJ I0WDX JA3CSZ JA5MHD K4IQJ K6EID N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K1MM K1ST SM6CMU W5OZI W7OM	309 DK1FW IZ5DKJ JF1PUW JH2FXK KG7H N4II OH1LEU SM6DHF W0VTT W1DIG W4UM W9RN
326 HB9BGV JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	322 IK1GPG JA1XEC K2FF K4QL K4SO K8GG R7NW SP9DWT UA3LAR	318 JR3GWZ N2NL OK1AWZ SP6CIK	312 DK5WL G3TXF G3XTT JA5IU K5EJ K5KC K9NW K9RX LZ2JE RK4FD RX3AGD SP1S VE2Tzt WK3N	308 DJ5FI EA9IE EI7BA JH4ADV JJ3PRT K3JGJ K5ZK N4MM N5UR SM6CCO W1TSP W2RQ W7AO
325 AA7A AG9S IK4DRY IK5HHA JA2QPY JA3EMU K5BG N4PQX OE1WEU OH2FT PA3FQA R7AA SP3IBS SP8NR W1GL W9RPM YU1FW	321 E72A EA5BM F6BEE JA2JW K1ZZ K4XP N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JG1ULJ K9FD* N7RT SV1RK W6XA	311 DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A LA7JO N8TR ON4AOI RN3QN	307 JA2JNA JR4OZR K0KT K3YA K4SV NQ1K OE6DK R9TO VE3XN W3LL WB8ZRL
324 9A2EU IZ0AEG K2RR KD5M NJ6P	320 G3TJW K1AR K8PT N0AT R9FM RU3FM RY9C SM5BFJ SP5DIR	315 AA1QD DF3GY G4CCZ K0IEA K5DU K5OVC K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ YO5BRZ	310 DL5DSM EI6S JA1EOD JJ2LPV	306 DJ8NK JH3VNC K5EK K8SIX WB3AVN

305 AC4G F6BLP FK8CP G0DQS JE2URF JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP	DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9MM K9NU KE9L OE1ZL OE5NNN VE3EXY	W1RM W9IXX	293 AD5Q IV3YYK JA2ZL JK1OPL K8FL NI6T SP3CGK VA5DX VE6WZ W1BR	WP4U
304 AD5A I4LCK JF3KON K3WW N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU SV8BHN W3GG	300 F6DAY IZ8FFA K4CN MD0CCE N0AV N7US OE8HIK PY7DJ RA0FF UA9FAR W1CU W6YI YO7LCB	297 AB6QM DJ9HX DK2GZ EA3GP F6EXV K4MWB KX4R OE2LCM ON4IZ OZ4O W7DO WA7NB YV1DIG	292 K1LD K4ZYU K9EU SM3VAC SP5GH UR5EDX W2LK WA3C	288 9A2JK 9A4T IZ1LBG JA2FJP JA3AAW K9KU KC7V KN5O NK1K SM5CZQ W1MU W2IRT W6XK W7ZI W9MU
303 HA7TM JR1TNE K2CL K3UL N4DB N7FU W2LO W4DC WA2VYA ZS4TX	299 AI9L I0KDF K6ND K8ZTT KC9ARR KZ4V N6JV OZ1AXG RA3QK WA1JMP WA2HZO YU3AA	296 I1FQH JA7QVI JS2LHI K1DG K2SY LA8PT ON4CD UA3TT W3KX	291 DL5AN EW2A JA2IVK JF7XKY JH0INP JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	287 EA6VQ F2JD JA3AZD JA6BZI JH4JNG N8DJX N9EN OE8RT SP7HOV WA2UUK WS6X
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC N4NX R8TX SM6BGG UT2UB W8GC	298 HB9BZA JA0CRI JA0EOK JR6PGB K2VV K4HB KV7K N2TN N5TY R5DT SM3NXS SM4DDE	295 AA6AA AB3CV G4OBK JA9LJS JF7DZA K9YY LA3MHA OZ8BZ SP6CDK W0YG WA5VGI	290 AJ1H CT4NH JA4MRL LA7AFA SM2OAN	286 A45XR AA9A I3BUI IK0XBX JA0GJJ K2SHZ NN4X RA1QD RU6L W0MHK W1YM W4FC YS1RR
301 DF2IS		294 DK5AD IK4DRR IV3JVJ JA2EPW JA9PPC JO7WXN LA2XPA LY1G N4QS N5ZM OE5FIN OH2BLD R6AF	289 9A4W JA2XYO JA4DLP JF2UPM K0XN N1AC N8BM OM4EX SM0CCM SM6DHU	285 K1DT K5RT N5KM NE1B NM6V SP7ITB WB6RSE

284 AD1C G4IUF IW1ARB JA7ZP JH1TWT K3WC K8BCK KA9CFD PY5EG UN7JX W1ECT	279 DL4CF E72U I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX JI2KXK KF0QR N8LJ SM5FUG SP1MGM W1ZK	K3MSB N1RR N5FG ON4ACG SM4CTT SV2AEL W1KSZ W5AJ	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC N3KV SM4AZQ W6SR WB9CIF	JA4IYL JL1ARF N5OK ND0N SP8FNA
283 AA1ON DL5WW EA1N G4WFQ JF2XGF K0CS K1HTV KM1D RU3QR RW4NN SM6BZV W0FS	278 4Z5MU CX6VM EA2IA HB9DDZ I6FLD IK6GPZ K7SO MM0EAX RW3RN US0KW W1UK	274 CT1BH I1JQJ IZ8VYU K1NU LA7HJA N6ET UN9L W3DRY W8TE	269 IV3GOW JA2BDR JA4PXC K6SIK NX0I VE3FF W2SM	265 AJ3K K0TT K4TT N7GR N7KA N7XR SM0NJO W6UC W9YSX
282 CT1IUA DK3DG DL9TJ EA5RM G3WPH K8YSE LA9AJA UW2ZM W7BEM	277 AB4IQ AJ6T DL6KR EA3JL G0OIL G4GIR IZ8FWN JA3FGJ JE1PNX K6YRA K9US LU2NI ON4GG	273 AA5AM AH7C EA5BY HB9LCW JA1HQT JA1SJV K4JJW K5FUV K7XB RN3CT SV1DPI UN6T W6TMD W7WM WD5K WN6W	268 DL5ZB DL6ZXG EA7TV EU1KY HB9HFN IK7JTF JI4POR JL1UXH K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	264 KD6WW SP1JRF WX0V
281 DK2NG EA6ET K1OA K3PA K4NA ON4ATW W9AJ	276 HA9PP K8WK OE2BZL VE3LYC W5TCX	272 HB9DDO JA1ANR JA9NLE KD0Q W1TYQ WS9V	267 DL7BA F4BKV JH1NYM JR3OEH K1FK K4JLD K8BN LB8DC W4YV WE9R	263 CT1FMX JA5XAE K7EG KP2A N4QQ NY0V RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ
280 AF9H CU2DX DM5EE G5LP JA8ISU K8EUR N6DX NV9L	275 HK3W JE1SYN JE7ETY JE7RJS JE8BKW K0JUH	271 AG4W DJ5AV JA6LCJ K5XX K9MK N9UA NA5C VE3BW VK3QI	266 EA3WD JA0DIN JA3ENN	262 K3KY K7BG K8GI WF4U WO2N
				261 JH7IAJ K2NV K8VC K9XD LA3WAA W5XC W7MO W8HW
				260 JA2KVD JF3LOP K1GG

K3LR N7NG W5LT ZS1LS	JP1IOF RD3AW W4WM W8OI	SM4EMO SV1JG W3GQ W7KW	IK3SWB IW0SAF JA3GN JA3MNP JA7MOL K0BBC N4TJ N6UC OH2IS UR3EO WX0B	F5PAC IZ8DFO K1LI K2PK K8ROX LB6KC NO2R NW7E PA3EWP PY2SP PY2XU SP5IWA SP6A TF3SG W1YW W5ADD
259 EI6FR JA2NDQ JA9NFO JH1ORA JH9AUB K1BD K2LS LA5LJA N2TU SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT JA5BLB K3SV K8TL KB8VAO KE9ET N3QE N8OC VE7AHA W7LR WD8PKF	250 HB9DHK IZ3ENH JA1MRM JA6BJV K1HT K5JZ N9FN RN9N WA9PIE	245 DL1DA DL5EBE JA2VQF JA9APS K0II K3RA K6SRZ PC3T PY4OY RU6M SM4BNZ W2KKZ W2WG W3JX	241 G3KWK G3VPW IV3DXW JA0DWY JA1IZZ JH1RFR K9OT W2JU W4BP WA3AFS WB9EEE
258 AB9V DM2DXA K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6RW W6VX W8LGJ WO7R	253 CT3MD DJ4XA DL5CW JE1BMJ JG0CQK JJ3HGJ K1LPS K1LT K3JT YO2DFA	249 AA4R DF2RG DL4SZB IK5DNF JH1OBS K0BJ K4XI K6AM KF8UN LB2TB N1EN RD3A WA9CVK	244 DF3UB EI9FBB JN1RQV K4XD K6KO SV3DCX	240 AF4HX F5LVL I0JBL IK4PLW JA9FAI JE7JDL K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W2XI W8TN
257 I2TZK IK2QPR K2TK K5WK K7NN K9IR NA2M W0GJ	252 4O3A DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO W1YIF W5CIA W6NWS WA8WV	248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA8RJE JE1LFX W1VT W9OO	243 9A1AD I2EOW JA1GTF JH0BQX JM1FHL JS3CTQ K0VSH K9JF K9MBQ KK4CB LA2QM N4GN N5LZ N5TW W7SX W8DCH WO2T	239 G3KMQ JE3ENP JN1BMX K5ZD N3MN PY2KP SM5OJH UX5UO W5FI W7ZJ
256 AC6HY CU2AP DF2GH G3VKW HB9CXZ JA1FQI N5GH W2FCR W5ZG	251 G0EHO K6FG NE8P	247 F5CQ IK8EPC JA1RTX JA1WSK JA3APL K9OW RA5BM W0DJC W8HC WA6F	242 EA3GHQ	
255 EW4M IK0HBN JA9TWN		246 E73Y GM3PPE		

238 G0BLB JH3CUL K2SX K7SP N9RS VE7DX W7CT WA2NPD	N5MOA N5ORT NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B WB8BPU	KS1J N1IBM N5JB N9RD VE7JO W5ODD YL2KF ZL2IFB	W1SKU XE2X	223 DS1JFY EI9JF EU1U JA7BWT JH1BNC K3ANS K7LV K9RT LB5WB N6HC N8PW SM5CBM UR5FEO W0HBH W5VX W6SL XE1VIC YL2TW
237 AA7G BH4QYX IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K8FH KG6I KI5BLU N1ZZ N5XZ OE3EVA W4ABW	234 HB0CC IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK	229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD WB8B	K4ZIN K6EME K6RO NE3F PY2NQ VK3HJ W2GG	225 EA1AF I8JIT JA2FBC JA6BEE JA8DRK JH1QAX JH4PMV K0SD K9MMS KU0A N2DPF N2JJ N8KOL OZ2RH PE1L RU3A UA0BA W6BJH W7Yaq
236 DL1AP EC3A GM3YOR IZ0RVI JA7QFU JJ1DWT JR2LJO K1ESE K1USA K9YC LA0FA LA5YJ SM3CBR SM5CAK W1ZT WE0Q	232 DL1DUO F3SG JE2DZC JH4ALY LA9VFA NX7K RL3FA S54A W0LS	228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1HHC KD0PO N3RC OZ7OP W0CP W4HG	K9MMS KU0A N2DPF N2JJ N8KOL OZ2RH PE1L RU3A UA0BA W6BJH W7Yaq	222 CT1FCX EA5RU EI2GLB HB9AAQ HB9CEX IK0PEA IZ8IEV JA5FBZ JR6FC K4WM KF7PG N2BJ N6MZ OE8SPW ON4CAS W3BW W5VQ
235 DO4DXA HB9BUN JA7LMZ JH4HMG JH7RXU JL1RUC K7PI K9FN KD3CQ KQ8M LU3CQ	231 9H1SP K1ZE K2KA K3VAT K4PB N4RWG W1TO W6TC W8WEJ	227 DL6JZ F6FXU HL2WA IK4FNF JA2CXF JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY N4PY N7IR OZ1LCG RN8W SP8HKT VE3CRG	224 AI2Q DL6MRS DS5RNM HB9SLO JA8EKU JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK W1LW W8CZN WA4LOX	221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP JR6LLN KI0KB N0KV N4TV NA5DX OE1AZS PA3CSR SM3LGO W0VX WB3JFS

220 HS1NGR JA1PTJ JR7WFC K1KI K1YR K4EA N4EFS UN7TW W8RLS	N7UN UT3UZ W0DD W0RX W0SZ	DL1TRK IZ5JMZ JR3HZW K2AX K4ZO K7VV K7WJB LA9GX N2WLG N9ISN NN4SS OE3SGU RD3BD SV1GRE	JA7LGE JG4AKL JT1CO K8RRT KJ6NZ KL0S N3KS N4XP RU1AB UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E WW2DX ZL2AL	206 AB0CT JA1FNO K6NR KA1J LA6UL NA9RB W1NA W2QO W7AL W9YE
219 HB9TKS JA2TBS K6FW KE9I KQ4AV N4LR SM0BYD SP6M	215 5B4AHJ DJ9RR DL1SMA K1GE K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC W9ILY WB8K WC4X YB5QZ	211 CT3DL JH4CPC N2LM OE5RLM PA7TWO RX4HW SM5AOG W1AO W1WC W6SZN W8MET W9EWZ WW3S	208 CT1EAV EA8AXT GW3SFC JA0DET JA1NWD JA5WIZ JA6WJL JH6JMN K3FRK K7ZD K9ZM N4TL RQ3A UA3FF UW7UA W2OO W4MAY WE1P XE1KK	205 JA0NZR JA2ATE JA8EJO JH6PFY K1NJ K1UU K2MYR K5QX K6ZZ KA8ZPE KU4XO RT0F W1SSN W5DAW W5VY WA0I
218 CT3HF JA2AHH K1XM K4MS KS3F S55DX W5FKX WB8CQV	214 E70T HB9IQB JA1OND K0LUZ K1KA K5WAF K9NR RU0SN W2AY YB0COU YO3CD	210 AA8OY BH4IGO DJ5DT JG3LGD K5VWW K7ORK K8KS K9TF KG9Z KJ9C KT2E N2NS N5BO N9JV W4WT W9JJB WA5POK WB5XX	K7ZD K9ZM N4TL RQ3A UA3FF UW7UA W2OO W4MAY WE1P XE1KK	204 AI6Z JA8JO JH4FEB K1CA OH8NW SV1VS W3RJW W6KK
217 IK2ANI JA1GRM JA3LDH JA5JUG JE2EHP JK1GOK JR2UBS JR5JAQ K6DT OH6NIO ON6AA W0AWL W1RR W6AUG W6RKC W7HPW	213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7KY JI4WAO K3OX K4RG N8II NN4R NR4M SP7CVW VE7SZ W4VIC	209 AC4TO AE0P DM1TT HB9CQK IV3VBM JA2XCR	207 AA5AT HB9BAT IV3TDM JA0AOO K1KO K4JPD K4YYL K7UT KA7T LA2PA N1QY RU9UC WS5W YO2RR	203 DJ3GW EA8AKN HA7UW IK0HFO IK4HPU JA3MHA K1IT K3GT K3OSX K3XA N0RN N6HY SV9COL VE6LB VE7UF VK3BDX
216 AB5C EA1RT JK3BLD JR7FRW K8QM N4ONI N7TY	212 DL1HRN			

W1OPD W8KA	K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S WB1S ZL4AS	W2FV W2YE W7AH ZS1A	192 AE6Y I2YWR IK5ZUK JE8TGI K6PJ K8UT N7BT SV2DGH W1EQ W4GIW W4RFZ W5ZO W8GNM WA4BIM YO3DDZ	K2QMF K8TVD K9GWH N0RB NI5F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SP9WZS W0YK W2LE W5KFT WT3Q
202 JA8BNP JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG W5BPT WD9DZV	198 CT3KN DF7EE HK4SAN K0DEW K5GH NA4EA OH1JP SP1DSZ UA3O W2PS W9PZT WD4LBR	195 A92BE AA8LL AC6T DS5TOS F5PBM HB9DOT IZ2FOS K4MF K4OY K9GA KA1ERL KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI W4RDX W8FIB WB4YDL YO9FNP	191 AD6W HB9RYZ JA1PMN K0GY K1TO K7FL K9OR KF0LA KR2Q N8NN NX1L W3ABT W4UCK W6RS WC1M ZS6WB	188 IK5CBE JA2FGL JN1GTG K0TV K7WE KA4RRU SV1FKZ W4GE W7IV WV4TN ZL4TT ZP5JCY
201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JE2RDO JG8FWH K1JIU K8YTO LA6OP SM5ENX TI5KD W2CG W6AEA	197 AC9EM DL9FCY JA2IYJ JA3CMD JA8XQI K4CMS K6UT K7UR KD6UO KM4H KZ0X LU8EKC N0AH N1RK N7HN NG0T PZ5RA R9MJ W2/CT1GIF	194 9K2OD AA8CH JH4ADK JI1NJC JR7XOD M0CSD N1PM VK3NX W5CWQ W6ENZ YT2AA	190 7K1PTT EA2AFV EW3CW JA2KSP JJ1SKG JR1MLU K4MZ KQ4EE KU4BP N6GP N9SF OZ8SW SP3EPG UA0FO W7SLB	187 DH0GSU IT9BLB JA1OVD JA2VMU K3PP K4WZ K8DV OM7CA SM7GIB VE6SV
200 IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N3OC N4MHQ R3IS SP6JIU VE3YF VU2CPL W2OIB W5GZ W8WRP WA4CEM WZ8P XE1H	196 G3SVD JA1VLK K2BA K4CM K5FNQ K8BL KK1W N7WS NA2AA PY1OL UT7KF	193 IK0LNN IW0HQE JR4LNG K1BZ K5FZ K6UM N1JP N5UW ND5S PA0JSE SM4CTI SM7BHH SP5ES W5WP YL3DQ	189 AA4NC JA1DM JH1APK K1ZN	186 G3NDC IT9GSF JH2AYB JH4CBM JR1BLX JR3UIC JR7MAZ K5CD KD2T NE0DX OZ8RO SM3PHM SV1FJP W1ITU
199 I4MKN IK5RUN JH4GJR				

W3MR	JA1DOF	SV1BYI	LA8HGA	JM1BPP
W4SK	JA8NFV	SV2DCD	N6RV	K3XO
W5PF	JA9CWJ	W2KA	NT2A	K9HQM
W8JRK	JQ6RUP	W5WQN	RA9SC	KB6CIO
WA7TZY	K8AJS	WK7E	VE3OI	N1NK
WB2AA	NA2U	WY1G	W7MEM	N3ND
XE1J	ON6YH	XE2CQ	WD9Q	PA2TMS
	R0FA		WQ7B	SV3KH
185	R9JX	179	WT4Q	SV9AHZ
AD7L	W6JTI	DL2CHN		TZ4AM
DK4TP	W8IQ	DS3HWS	176	WA4JQS
DL8PG	WA4TII	IW3GJF	CU2CE	WB2WPM
EA1KK		JA1DOT	HB9EFK	
EW1P	182	JE2HCJ	JA5SUD	173
HB9DHG	4Z4DX	JF1RYU	K0TPP	AG1A
HI3T	F6DBX	JG3SKK	K1RI	DS4AOW
IK4AUY	I5OYY	JH1RFM	K4VIG	IK2SGB
JA1FJJ	K0MD	K4AV	KB4MRX	K9SG
JA8UIV	K7UA	K7ACZ	KJ7M	KI4GE
JH1AGU	KE1F	KA6BIM	PY2WC	KK4OK
JR4VMS	NA5Q	KD8RQE	VE7VV	KZ1W
K1RV	ND3F	N7TR	W3FI	N0OK
K4KGG	NW6S	OZ7FOC	W3TN	N5WA
K8RYU	NY2NY	W2WC	W9DX	N6NU
NA2X	VU2NKS	W5GAI	WA1FCN	N6PSE
W5QM	W1PX	W8LMG	WA1PMA	NJ3K
W8HB	W5DNT	WE4S		SM6CLU
	WP3R	YO4DW	175	W3BJ
184	ZS2DL	ZL1BYZ	IW1QN	WA4DOU
AK1L			JA1IOA	WF4G
EA4CQT	181	178	JA1JAT	
IZ2AMW	AA4DO	CT1ESO	JA3BXF	172
IZ5RVG	DL6CNG	I0MWI	JA8LRG	AB2E
JA6CBG	EI2JD	IK8YTA	JH1DGQ	JL3JTD
JA6TMU	JE8CLT	IV3TMV	JM2RUV	K4WNW
K3GGN	JH1ROJ	KM6HB	K0EOO	KY6R
K5KG	JK1BSM	N0AMI	K4BYN	N4JT
K8NK	K3EA	N3NR	K4JC	N4OA
KI4DLS	KE4UW	OE2SCM	KW4MM	N5ET
N2RJ	OZ1IKY	RW4CY	N4PL	N6RK
SM5FWW	W0GG	VE6AX	N6PAT	S57AT
SV1IW	W7HR	W6DR	N6ZN	W2NO
W1UE	W8OP	WA5IPS	NY3C	W3MF
W9FI	WD0DAN	WF2S	OH7TV	W4DAO
			SM5CZK	W4WJ
183	180	177	SM7NDX	W5JMW
DJ5IO	E21EIC	AA6RR	SP5JXK	YB1UUN
DL1KUR	EC1A	DL6LIM	VK2DX	
EA1JO	I0OSI	I8LWL	W1NT	171
EA3GHZ	IK7FPV	IK0EFR	W5JAY	DL7JRD
EA8RR	IZ4DPV	JA4DHN	W7CD	G3UAS
F3AT	JA4VUQ	JE8LWZ	WA0RVK	IU0LFQ
GU4YOX	JA6GIJ	JR6GIM	ZL3JT	JA1QIW
HB9BXE	JA7IC	K0GD		JH1IED
HL3GOB	K0LU	K2HAT	174	JH1WJR
IK5PWN	K2CBI	K5UZ	IZ5BAM	JK1UVP
IT9CVO	N6PM	KA2CYN	JA7SFD	K1JD

K1RH	N8AGU	DJ1TO	K2AT	KW4V
K9RR	SM4OLL	DL1QQ	K2RU	LA5SJA
KU2A	SP5MXZ	DL5XL	K4JKB	N2BT
N4UOZ	WA4AFE	EW1KP	K4MM	N3RR
N6UK		HA5BSW	K5RJ	N3XM
OH4UI	167	HA5WG	KT2C	ND6G
W1OP	AA7XT	IV3BKH	LU2AH	TA1CM
W4CCS	CU3EQ	JA0LFV	N9OY	W0KCJ
W4NJ	I0KRP	JA9KRO	NA5Z	W6CUA
W7WZ	JA3FHL	JE3CYW	OE3KLU	WW4LL
W9BEA	JA5BGA	JF1LZQ	W2OR	YO4AUL
WA8MCD	JA5NPV	JH1RGG	W6WA	
	JA9CG	JH2HFD	W8PC	159
170	JH1APZ	K7JH	WA5LFD	9M6YBG
BA4MY	JL2JVX	K9UQN	WW1N	AH0U
EA2AA	KQ1F	KA9OKH		DL1MEV
JA3MF	LU2CC	KK4OW	161	F5NBX
JA3RQ	N4AL	LU2DSL	AJ4A	HB9DDM
JA6SRB	R5QA	LZ2ZG	E70A	IK8UHA
JE1PHH	RA3LAL	N8OQ	E74A	JH1ACA
KD1F	RL3AA	N8PCN	JA1BPA	JH1IAQ
KE1VT	WA8CDU	PA0TCA	JA1SDV	K2TA
KH2L		RA3BL	JH0NOS	K4YJ
LU6ETB	166	SM6WET	K3MD	K5RA
N7KO	DL3KZA	VE1OP	K3WGR	LZ2JF
NO9E	G3WW	VR2MY	K4HMB	N6MA
OE2GEN	HB9DVZ	W1JA	K8CC	NA6O
PY2DS	I2DMI	W3HKK	KC6X	SP6AXW
W4HZ	IZ4DIW		N3HBX	W1YRC
WB6JXJ	JA4KDT	163	N6IE	W6DX
YO2CMI	JA7BEW	AA4FU	N6TR	W7VY
	K0DD	FG5FR	N8NA	
169	K8ME	IW0BYL	SM0DSF	158
G3WGN	KN6KI	JA0KJD	SM5ARL	AA8R
K2RET	KR0P	JA8FFM	W1LY	BA7IO
K3PU	W3BNN	JG3RWX	W4KA	DL4NBE
K8OM	WB7QXU	J12EMF	W5VU	DL5KUA
KT1J	WC4B	KG8CW	W6YOO	DL9DRA
N0ABA		NC4RB	W8CD	IT9AAI
NF1G	165	NY4G	W8HMK	JA1SHE
NX8Y	AA3LX	OZ5NJ	W8IW	JA2ITK
ON4ANN	FG8OJ	VK6LC	XE1RBV	JN7DOS
UN3GX	HC1BI	W5GA		LA2GH
W5LO	IT9ODQ	WA2UKA	160	N2ZZ
WC2K	JF3PNQ	WA8JBG	AB4UF	N4DWK
	K5CR	WB8BZK	DL7UPN	N4QM
168	LX1KC	XE1MEX	DM2RM	OZ4VW
DL2NOM	N2GZ	YO3AIS	F9XL	R7LP
EA5OX	OK2BUZ		JA0GCI	RU3UR
I8DVJ	SV1GYG	162	JA1MZL	W1GQ
JA2FSM	VK4CAG	E73D	JA5PUL	W2RA
JE2UFF	W2YR	HI8R	JA7XBG	W9MO
K1ACL	WA0SXV	IK2VUC	JF2WGN	WO3Z
K1EO	WA4VA	IT9DAA	JH3FHQ	WS1L
K7HC		JA2NQG	JJ1BMB	
KB9DAK	164	JA8BZL	JR3XUH	157
KJ7TEA	4X6ZK	K1DJ	KI4WCQ	CT1DKS

G4AFJ	N8WRL	OZ7DN	UA1CEI	KM2E
JA2EJI	N9XX	SM6AOU	VA3XQ	N7MB
JH1DGJ	OM8FR	VE1DUN	VK2GR	NX2X
JR4VEV	PA7RA	VE3YXO	W2TB	ON5TW
K2CDJ	RN3QO	W5ZPA	W4WW	W0JM
K4XU	SV8LMQ	W8MIL	W8VVG	W6RFF
K7LFY	W0NFL	W9GE	WA0ROI	W6ZO
K8WVA	W0VHF	W9SE	YO6HOY	W9HBH
N0VVV	W2HUG	WB0N		WA2MZX
N4TOL	W4HOG	WN9O	150	WV9L
NK0S	W7IUO		AA4FL	WW1WW
UA4PK	WO9S	152	AL7R	YB2TX
W3FOX		AF2C	CT1FUH	
W4PV	154	EU1DX	DK5RL	148
W5PJR	DK3BK	G3LUW	DL2JIM	EC1AIJ
W7RN	EA3EQT	IK0CHU	DL2VPO	IZ4AIB
W8BBQ	JH7LBE	JA3NHL	DL7AA	JA1CZI
ZP5ALI	K0THN	JA4VLK	F6HLC	Ji6IHG
ZS2EZ	K4WFM	JA6GPR	G4XEE	JN3RBE
	K8RF	JR1WCT	HB9DQV	JR8AMF
156	KE4VU	K4QD	IK2RPE	JT1BV
DK0EE	KG4CUY	K4ZA	IZ0CKJ	K3NF
IK1UGX	KK4HD	KF9UG	JA9AA	K4WJ
JA1QGC	RA0BA	LB7ZG	JE1VTZ	K7CMZ
JA4HAW	RD9M	NA9Q	JF2VAX	N4NW
JA5BZL	RT5A	SM2HWG	K2OP	N6IG
Ji1WLL	SM5BEU	VE3EK	K4NC	NG0G
K6XN	SP6Eiy	VE7XT	K5DHY	VE1VOX
N4IQ	UT6UA	W0LYI	K8MN	W8WFN
SP5ELW	W1AW	W1LE	K9JU	W9CSX
VE3UZ	W2UB	W1MR	KS4S	WB2HJV
W2FK	W2YK	W1NK	N0STL	WB3LHD
W5RF	W3KHZ	W3NS	N2SQW	WS1E
W7CA	W4UEF	W4NZC	N4PYI	
WB2AQC	W6NK	W4TNX	N6WT	147
WM0X	W8MHW	W7FI	ND0F	AB4SF
ZL3RJ		W7IB	NU4I	AD6ZJ
	153	W9JA	NZ2L	DK6OR
155	7K3QPL		SM2GCQ	DL6KY
5T5PA	AA9GR	151	W1JGS	EA5BZS
9A1A	EB3CW	EA7OH	W4NBS	HL4CJG
AA4DD	F4FLF	EI3IO	W9GXR	IK4HLO
GM0AXY	G0VXE	EI9E	WA4MME	IZ0BTv
JF7RJM	IU8FRE	HL2KV	WB4JTT	JA3EOP
JH1SJN	JA0NPQ	HP2AT	WV2I	JA4EVN
JH1VHU	JA1QOQ	JA6COW		JH8BOE
JK1TCV	JA2BUR	K1AJ	149	K2CYE
JR1DUP	JA7GYP	K1PL	AL7TC	K3PT
K2DC	JH3HTD	K3FM	IZ4MJP	K6ME
KR6C	JK1UNZ	K4ST	JA0LXP	KB1W
KZ5DX	K1YT	K5IB	JA1ADN	KD7H
LA2RZ	K4EU	KD4OS	JA1SGU	LA5XGA
N1MD	K7GA	KM1C	JA4ZA	N7MQ
N2ZA	KH6AT	N3MK	K0KP	N7TP
N3IQ	KK9H	N4HID	K2TER	NJ6D
N4IG	N2FF	N9DR	K4WY	NV4B
N8AYY	NK7C	NF4A	K8AV	UN3G

V51B	K4WES	JA6IVR	JJ1OKK	139
VA3IC	K4ZNC	JA7FWR	K0OK	CT3DZ
W1WEF	K5EWJ	JA9APM	K0PJ	IK0ZIO
W6BK	K8SIA	JH2XQY	K2SN	JF0JYR
W7EYE	KB7V	JR1CAD	LU2BA	JH0AWC
WB0O	KD5R	K4EB	N7DED	JH3GCN
WF5E	N4UFP	K7KB	N9KW	K3SW
WS1F	NA6MG	K8ZZU	ND3L	K4KAL
146	SM7CQY	KW9U	RW4NJ	K6LPO
DD0VU	UA5D	NA9A	SP7ICE	KE4S
DK3QM	W0SR	NU4Y	VE1JBC	KH6DX
HA5PT	W1ER	NW8F	VK6OZ	KK0DX
IK2DZN	W2FB	OZ1HPS	W0MU	KL7J
JA1WTI	W4MA	RA3CO	W0RXL	KO8SCA
JA6NQT	WA5NFC	RX3BP	W1DYJ	KS3L
JH3FUK	WB6CJT	UA9AM	W2HUV	LA9FFA
K4MX	YB2DX	US2WU	WA4NUF	N1IA
K4ZRJ	144	W1ENE	WE9A	N6KZ
K6LRN	AA0MZ	W2NRA	WQ6Q	N8NB
KI1U	AA6PI	W3DM	140	NN6K
KK0M	AB5A	W3IZ	AA4US	PP1CZ
KK6T	AK5Q	W9HZ	AB0RX	W0TM
LX1CW	EA7DUD	WB2GOK	AD3C	WF1H
N5CQ	F1RAF	142	AG5W	WQ5R
N7JB	HL2EIZ	AG4Q	EA3CZM	XE1FAS
N9JR	IZ7AUH	F6KOP	ER0FEO	138
PY2IQ	JA0KJE	HL2DBP	IK0WRB	AA5B
SP3F	JA1UXC	HL3AMO	IK7YZG	EW1LM
VE3UTT	JA6OXT	IK2WPO	IV3VCS	HB9AZO
VR2CH	JH1EIG	JA0PE	JA3EY	HK3PJ
W1NR	JH2RMU	JE2VLG	JA7KQC	IK2HDF
W2JLK	K0LB	JH1VUO	JE1DXC	JA3XNH
W4DEE	K1XV	JH7LVK	JH1BAM	JF1WLK
W5KI	KA0CDN	JR1IZM	JR7ILA	JF2OZH
W6AER	KE5PO	K1ZJA	K2HT	K2MK
W6OUL	KM8AM	K2CS	K3WWT	K2WK
W7TSQ	N1KC	K3NQ	K4JWA	K3SX
W8QZA/QRP	N4SC	N1BZ	K5HK	KB1HY
W9MJ	N7OJ	N8HRZ	KE8UM	KE7LU
W9MR	NZ3O	W1DXH	KP4P	KF4VTT
W9ZCL	R7LA	W2TX	LU8ADX	N2KX
WA2USA	W0QQ	W3DQS	N2PK	N7WO
WA9DU	W2ZI	W9IL	N3TR	N8GP
ZS6UT	W6BCQ	W9ZJ	N4MI	N9PGG
145	W7QDM	WQ8T	N4XYZ	OZ0J
AA0KA	W8SAX	WT9U	N6QI	TF4M
DL2RD	WA1YTW	141	N9IO	W0QD
DL7UGO	WC3W	AB5GU	NN7X	W1ZZ
DL9GTB	WC4H	DF2UH	RA0R	W2PP
EI6IZ	143	DL9ABM	SM0XBI	W4DN
G4FTC	AC6DD	EI4BZ	VA7QI	W8TM
IK8GJR	AI8P	I0LYO	W3AKD	WA2BOT
IW0HOU	DJ3AS	JH1UBK	W6GJB	WB2RAJ
IZ0NRG	IK2RZP	JH6DUL	YL2AP	WI2E
JS6TWW	IK8VRH	JH6WMJ		WN9Q
				WT2P

XE1ILI	K4YP	CT3CD	W7JET	JM1VRW
YO3VU	K5YU	DF3OL	W8JA	K1UM
137	K8CS	DK2BI	132	K5ZQ
AA9RR	K8JE	HB0WR	9AY2K	K6IPV
DL2VWR	K8KI	HL2CFY	AA3TH	K7LAZ
EA4UV	KC2STA	IZ1JMN	AE5B	K8EB
EA5KA	KM1A	JA2OLJ	CT7ANG	K8JP
HB9ACC	LA6MP	JA8ALB	DJ0AH	KK7YC
IK3DVY	N7NH	JE1WZB	DL3IAC	KM4A
JA1KPH	NE4A	JG3HBO	EA5RD	KR4BD
JA9GPG	NJ7G	JH2VVH	I1CMA	KX6C
JH1ERJ	NU1O	K0XP	IV3TMM	N0TK
JO4CFV	RL3BZ	K5TU	IZ6ERS	N3HYB
K1VI	W1FA	K8QKY	JI1MNT	N6FS
K5ALQ	W5JE	KC5LK	JN3TRK	ND7K
KF6A	W6DCK	KF2TI	JR7GBL	OH2LU
NA1DX	WB0TVY	N2NW	K4DSE	RU3UN
NB3R	WD8LTM	N4TD	K4MV	SM6VR
NC6A	135	ND4V	KJ6Y	VE7TK
NU1B	AC5AA	OE1ALW	KS4YT	W4SD
OE5JDL	AE4CW	SM5CSS	KV4T	W7NP
SK0QO	CT3FN	W1OG	KW4CQ	W8FAX
UT4UZ	G4FJK	W1ZS	N2XQM	W9UM
W0JMP	HB9VAB	W2DXE	N6VI	WA6EZV
W5THT	HK6K	W4UFO	N8XI	WA6TQT
W6TK	JA3VPA	W5BK	NA4CW	WB0PWA
W7KSK	JR1JGA	W6EJJ	NA4MM	WD8MGQ
W7QHE	K4IE	WA1NXC	NG7M	WW1V
W8UQ	K4KAY	WA3SKQ	NH6T/W4	130
WB2KSK	K5LC	WE2N	NJ9C	7J1ADJ
WB3D	K7LY	YB1TJ	NU1T	AA9AA
WO5I	K7WK	133	S53MJ	AB6BT
YV5OIE	KD3HN	AC4VM	SM0MPV	DJ4SO
136	KN4JX	DL5JS	UA3SAQ	DL9GCG
9H1AE	KO4PY	DL8JJ	UA9AGX	DL9JI
AA6RE	N3KN	EA3CWK	VA7XX	EA8MT
AG1I	N4CT	HP3TA	W0UVC	EC5A
CU3EJ	N4QWZ	IK6COX	W0ZT	FG4NO
DL5SBA	N9MB	JA0AXV	W5RYA	HK3MCM
G8AJM	NY9H	JA1EMQ	W5WLA	JA4RED
HB9MFM	OE3EPW	JA1FUI	W7IU	JA8BAR
HL4CCM	PT7CB	JA2BL	W9RB	K3DFL
IK1IYU	SP7ASZ	JA6BF	WB4CW	K4ODL
IK8PGE	W1MRH	JH4RLY	WX2CX	K4VX
IZ7EVZ	W5BN	JM3GXU	YB4CHP	KC4AA
J68HZ	W6FL	K2KIB	131	KF7NN
JA3UCO	WA3IIA	K5QR	AA4EA	KP4DKE
JA3WLN	WA3PBL	K6IPM	DJ2RB	LB8OH
JA7NX	WB2NPY	K8KY	DL4ZAB	M0IKW
JP7FSO	WC2L	KO1H	F2NH	N1NU
K0SRL	WK8A	KZ9DX	I1YDT	N4LUF
K1SM	ZS1J	N4AOE	IZ3ETU	N4XMX
K1TWF	134	N4DJ	JF2QNM	N7TM
K2AJY	AG7N	N8KU	JH8JBX	N8IL
K4AMC	CT1BWW	NT5O	JL6USD	NW7US
		W6MVW		PY2FN

SM5BNK	G4FKA	W4GP	JA2QCX	NS4F
SO5AS	HB9FBG	WA2ALY	JA6EXO	OT1A
VE3FRR	HK3O	WA7BNG	K2ZZ	W1ASB
W0AD	IT9ZZO	WB2KSP	K5TIA	W5WZ
W3JXP	JA0ED	WC5E	K6BZS	WA4QMQ
W4NK	JA0EVI	WX3P	K7QA	WA8RCK
W4SW	JA3AYU	YT7T	K8GWU	WB4SON
W7FP	JA6JNF		KG5VK	WD6T
W7LGG	JE3BIQ	126	KM9E	WR7Q
WK9U	JE4CIL	AD5WB	KQ5M	ZS6NJ
WO5D	JM1HJG	DK3FB	N3OUC	
	K2QB	EA4EPY	N4ENE	123
129	K4LQ	EA6EE	N6AA	AB6CF
AA4UC	K8ROK	EW4A	PT2CSM	AC0W
AF4OX	KA1O	G4NBS	PY2RN	AC4BT
CX2CC	KD2GC	JG1SWM	RT2O	DD0VE
DF7GG	KE3X	JG3KLF	SV1CQN	EA2AAZ
DL3LAB	KE4BKL	JH4GNE	SV1EOG	IK1RLI
EA5DFV	KL1V	K1EDG	W1MJB	IK4BHO
GM0CWR	N0TR	K4ZMV	W1XV	JA2CXK
JA1KXT	N2AJ	K8FZ	WB1DX	JA2JRG
JA1TGO	N4HN	K8YE	WD8KND	JA2KSI
JA7EU	N4KM	KC8IVC	XE2YWH	JA7KE
JA7JPZ	N4MEC	KI3O		JA8EOT
JF7NNI	N9JCS	KI5GD	124	JE1HRC
JR0EQQ	N9LEO	KN7Y	BG8PA	JE3GUG
K3VPZ	NC4RY	KS0M	CU3AN	JH0NBN
K6QU	SM6DIN	KS4XQ	DF3EC	JH6WDG
K7VC	SV2JU	M0VCB	DM5JBN	JO1ABS
K8YYY	VK5GR	N2SG	F8EZE	K0KM
KF4NEF	VY2MC	N4LV	G3VAO	K1QN
LU2JCW	W1PNR	N4UW	G3XLF	K4GO
MW0CBC	W3EF	N5JC	IK0OPS	K8GT
N3AIU	W5UE	N6PEQ	IK4TVP	KC4HN
N7BD	WB5NHL	N8VV	JA1TD	KF2DT
NT9F	ZS2Y	OZ9GA	JA2AH	LB5GI
PY3SB		W1BYH	JA7HRM	N6NT
UA0APV	127	W3ML	JA9GLW	NC1M
UY1HY	7M4AOE	W4PG	JE6UWU	NS3L
VO1AU	AA3AZ	WB2GAI	JM1LPN	NZ5O
VU2MSA	AI2S	WB5STU	K2WJ	OH2BEN
W2EQ	DL5KUT	WC0W	K3LA	PT7DX
W4LIA	HA3OU	WV1X	K6SLO	SV2BXA
W9RC	JA1DIO		KB9S	VK2CA
WA1ZIC	JA1FHK	125	KF1P	W0PE
WA5NOM	JA1XRA	AA4LR	KM1R	W2PSU
WD5BJT	JH3PRR	AB2DP	KN9N	W2XX
WY6N	JJ6DGP	AD4AA	KP4MS	W4GKR
	JN1MKU	DL9BM	MU0FAL	W6PH
128	K0AZ	EA1P	N1YX	W9ROG
4X4MF	K3OK	ES3VI	N3KR	WA8Y
7M4CLF	K7PO	G0HIO	N6XT	WB4GLI
A71AM	KF7F	G8BCG	N7AU	WC4V
AG8L	KW2J	HB9HBZ	NC2Y	WQ1H
AK4AO	KX9X	HB9JG	ND4X	
DL3BUE	N5QS	HB9JOE	NN4K	122
DL6NW	ON8VM	IZ5EKV	NO0B	9A3LYL

AA7FL	JR4CZM	NM1G	WY0V	DL2TOS
BV1EK	K0FG	NO2C	ZL1WG	EI8IU
F5RQQ	K0QQ	NW4M		F4WDL
HB9BEM	K3AR	PY2SEX	118	G3PSM
HB9IIO	K3IXD	SV3AQR	AA4NG	G7SSE
IK6BOB	K3JM	VU2PTT	DL2RUG	HB9PUE
IV3BSF	K3RWN	W0UY	DL4FDM	HL4GHT
IV3KCB	K4GM	W5EC	DL5MX	IK0XIH
IZ8EJB	K8CXM	W6HDG	G0MFO	IZ0GYP
JA0CIU	K9QJ	W7HUY	G3YFE	JH8KFE
JA1CPU	KC9WPS	WD9FLI	G3ZEM	JL3DGI
JA3EEM	KD8BZY	WN7J	G4CWD	JR1SLU
JA8ZO	KM7R	YE6YE	GW0ANA	JR6GHN
JE8IGW	KT5X	ZS1C	HB9DLE	K0MP
JH0OXS	N2KI		HB9DVO	K0PC
JM1ESG	N4BAF	119	HL3ERJ	K4AR
JM1GHT	N4GBK	DS5ACV	I5CRL	K4AU
KD0S	N4TKF	HA8UT	IT9IPQ	K4SX
KF8DX	N7WR	HB9GWJ	JA2NNF	K4ZIW
KT8D	NY1V	JA0CVC	JG1WNO	K5GM
LA6EIA	NY7T	JA1DXR	JH2PWY	K6CF
N1SZ	OE1HHB	JA7VEI	JI1FXS	K8WHA
NI4Y	W1OK	JM1GYQ	K1TU	K8ZM
NU4B	W3NRJ	JR2CFD	K3IZ	KB8KIM
OZ3SM	W4AEJ	K0IIR	K5WE	KE1IU
OZ9XU	W4EB	K1FE	K6UXO	KF2OG
SM2EJE	W4NE	K1LTJ	K7UPJ	KG6D
UA6LCN	W5FL	K3GO	K8IKE	KK9T
VE7ON	W5MF	KB4CRT	KB0V	KM1H
VE7VF	WA6JA	KK4QN	KB1AWM	KM5G
W0MS	WW8RT	LA4C	KB2XJ	KS9R
W1GF	YB1AR	LA7EIA	LY3BS	KU4V
W4AO	YO3JF	LZ2HM	N1FOJ	KV4AA
W4PNY		N0ATQ	N3MLV	KV7N
W4RS	120	N0ODK	N3RW	LX2PA
W7BJN	DL1EV	N1DC	N9AZZ	N0IW
WA6KHK	DL2VFR	N2RR	NA5S	N8JK
WA9BZW	EA5B	N3CW	OE3JAG	N8WXQ
WB1EAZ	IK7YCE	N4JQQ	TA1L	NC8I
WN0L	IQ2VA	N6OJ	VA2IG	NL8F
WR2G	IZ5EBL	NA2R	VE3PNT	NW2I
WV1R	JA3BLN	NK7Z	VR2PX	ON4AGX
ZS6IR	JF1EGO	SK6SJ	W4SKW	PT2BW
	JH1LZU	SM6NJK	W5SJ	SV2CLJ
121	JH6CDI	SV8QG	W6GM	SV3RKM
EI8GS	JI3BFC	VA3HP	W6WF	TA1AL
F6FYD	K1TKL	VE4JBB	WA3GM	TF3DT
GM3WIL	K3SF	VR2XMT	WA4USA	UT2VC
HB9BOI	K4SAF	W5UHQ	WB4PWZ	V51YJ
IK4TVQ	KD2SC	W6DE	WZ6Z	VE7ACN
IK5BOH/2	KD4POJ	W6IS	XE1R	W1UN
JA0MRW	KF8HR	WA3YZD	YB1RUS	W3WN
JA2ACI	KI4TZ	WA9JWL	ZS5LEE	W4OWY
JA3AVO	N2CG	WB2ZAB		W6KR
JA8EIA	N5BA	WB3BFC	117	W8BI
JH1AEP	N5PA	WB8IZM	AJ8MH	W8VK
JH1SBE	N9DJ	WB9WHQ	DF2UA	W9BB

WP4CQ	WV4V	IZ5GST	K0HB	K6LD
WS4H	WW0E	JA2LHG	K0HD	K6MKF
ZL1ANH		JA3VUI	K0XM	K7DS
ZP5FGS	115	JA7MAD	K2SD	K7SX
ZP6VT	AA5N	JE1LPZ	K2TG	K8AO
ZS4JAN	AB0S	JH3GFA	K6OJ	K8LE
	AC0B	JK1MZT	K6ZP	K9UVK
116	AJ8B	JR1ATQ	K8SM	KC2SST
4X1EL	CT1DOF	JR1EYB	KW1DX	KD9ZR
AB1J	DH3KM	K0BRO	N1ZJ	KP3R
AB4GE	DS5DNO	K1QQ	N6RC	KR4DA
E77S	G0JJG	K4TXJ	N8RF	LU3XX
EI7GY	I6DQE	K6GWN	N9RE	N1BB
HK1X	IU8HEP	K6PT	NJ0F	N3NO
HL5BMX	JA1OVF	KA1DJ	ON6LY	N4WOT
JA2DHG	JA8GSN	KM3J	ON7BJ	N5OP
JA3UNA	JH1RVQ	KX2S	PP2FN	NN2D
JA9IWR	JH4VDP	LA4RT	VE3SKX	OZ7QB
JL1GYZ	JK1SAI	LA4WJ	VE7BZ	PY6TS
JO1LVZ	K1HJC	LA7QI	W2PD	R3BB
K0BFR	K4MIH	LA9XGA	W4CC	R7NA
K4IU	K4MIJ	LU1FM	W5DM	SP1NEN
K7VS	K5AX	MM0BQI	W5RDW	VA7ZT
K9LCR	K5LY	N2YBB	W8AEF	VE3GFN
K9ZG	K8LBT	N6RJY	W8PE	VE7NY
KC1ERO	K9EXY	N8AID	WA1EHK	VK7ZE
KU1T	KB0EL	N8KUS	WA2AOG	VU3WEW
KU8X	KC2WUF	N9NB	WB9MSM	W1RG
LA2IR	KE7PB	NG4C	WK1Q	W4EJG
N2SU	KK0T	NR0T	WW5L	W4JVN
N3ER	KK5OQ	ON6KE	WY7M	W4UAT
N4HGZ	KM4NS	PV8DX	XE2MX	W5FPT
N4QVM	LT1F	W4TTY	YB0EIN	W5MJ
N6NBB	N0OP	W7BV	YE1AR	W5TFV
N6VH	N6DHZ	W7HJ	YV4DYJ	W6CN
NV4A	N8SHZ	W8UMA		W9LYN
OH1NSJ	ND4Q	WB4DNL	112	WB4CTX
PA2R	NK2H	WD1M	7N4OBV	WB4FNH
SM1NJC	PV8ABC	WG0G	AA3K	WX4TM
UA1OM	UU1JA	WN6K	AA7UN	YU1GM
VU2ABS	VK3OT	WR2V	AA9WO	ZS6NK
W0ANZ	W2HAZ	XE1EE	AC9O	
W0QC	W5GO		AD1S	111
W1GWN	W5HNK	113	DF2WF	8P6SH
W3ACO	W6QON	6K5AQY	DF5CD	AA8KY
W4ARK	W9RXJ	A92IO	DJ7JC	AC0X
W4CZ	WB2P	AC9X	DL8DYL	AD4YQ
W4DFU	WN1M	AK1P	G4DBW	A11W
W7RR	YO3HOT	EA2J	HK4EB	A14WW
W7VJ		EA5HM	JA0HC	DK9WZ
WA2EOV	114	EA8TZ	JA9RT	DL1DH
WA8LOW	AA4H	G4RGK	K0UBR	EA2AGV
WB8FIW	AD4XV	HB9HHH	K1KOB	EA4EJP
WC2C	AK3E	IZ0FUW	K2DW	EI1DG
WF4W	BA4TB	JA2MNB	K4ULA	EU1TT
WJ1B	CT1ELF	JA4JSV	K5VR	F4DSE
WQ5C	HL3DE	JH3GRO	K6EGW	F4DVO

HB9LAK	DL8XDA	VE3YV	TA6N	K7QBO
HC1HN	DM3XRF	W0QL	TF3JB	K8ZT/QRP
I2QMU	DS4CNB	W0VM	VK2DAG	KD4RH
IC8SQS	G3WXX	W3KN	W1KDA	KD4SN
IK2PZC	HB9AGO	W3SB	W1RH	KE4KMG
JA3HBF	IK0UTM	W4GF	W4DWS	KE9XN
JA3QOS	IU8IYE	WY4I	W5XU	KX5V
JA7FAS	IZ8EKL	XE1L	W6EKR	MM1PTT
JA9FO	JA0JPD	YB4IR	W7XE	N1HO
JE1GWO	JA0UMV	YV5LI	W9KM	N1TA
JH8GEU	JA1EMK		WA0WWW	N2TC
K0PX	JA1KZP	109	WA4YYM	N4KEB
K0RW	JA2KTP	4Z4KX	WA5YNB	N8KOJ
K1VMI	JA4HXF	7K1CPT	WA7BNM	NN7A
K3GW	JA7GAP	AA4MD	WA8LRW	NT6AA
K3HW	JE3CHA	AA4ZK	WB2UFF	OZ1OXQ
K6DJ	JF1KKV	AA8BN	WI7N	PJ2HB
K7STO	JJ2VLY	AJ9K	WY7FD	PV8RR
K8CCV	JM1GAW	CT1CQK	ZS2ACP	S51DD
K9ARZ	JP1NWZ	DL1TPY		SP5LKJ
KA4H	JR0QFA	DL2RTL	108	VU2IT
KB2HK	JR1RCQ	DL9QJ	9A3ST	VU2OT
KI7M	JR2PZX	EA3BL	9A5SSS	W0YDB
KJ4YLO	K0GW	EA3GCT	AC7ZG	W2GHD
N1KM	K0HP	F4GVO	AE4M	W2ZK
N2FY	K1LZ	G4EHT	AE4VJ	W4EW
N3BOB	K2GLS	G4UZG	AF8C	W4GD
NC6K	K3EE	HB9DRS	CO7RG	W4PGC
NE1RD	K4AFE	IK0XKP	DH4RL	W4PGM
NJ1H	K4DET	JA0HXV	DJ5EY	W4WNT
NR5R	K7JI	JA6JYM	DL3ANK	W8LYJ
OE1JIS	K9AQ	JA9IFF	EA5DKU	W8ZR
RV3GW	K9GY	JF6AKS	F5UJK	WA3FRP
UA6MA	KA1API	JI4HKA	G0KHO	WU4B
W1HEO	KB2RA	JI5RPT	G3VXJ	WY2E
W3WH	KB4FXE	K0MFI	G4SSH	XE1OX
W5WI	KB4KBS	K1RY	I7PXV	
W6IHA	KB5GT	K4BNF	JA0DBQ	107
W6ZPL	KI0I	K4RDU	JA1SZN	AI9U
W7AM	KK4TK	K6JJ	JA2CPD	AJ4IM
W8QWI	KM5VI	K7CU	JA4CZM	DK3TL
W9GG	KS0Y	K7IA	JA5OP	DL2KUA
W9KX	LA4JGA	KC5LT	JG1LBN	DL6ZNG
W9MMZ	N2KW	KD4W	JG2LGM	EA1AA
W9WO	N4ANV	KM4HQE	JH3LCU	F1ICS
WA7HQD	N4CO	KP4AH	JJ7XTV	F8DZY
WD9IOK	N5RN	N1UZ	JK7LXU	G0RPM
WE2L	N8NH	N9BVA	JR1VAY	G3RZP
WF2Y	NU0Q	ND1T	JR3QHJ	HA8UB
WO2Q	NW6V	NN4RR	K1KZ	I4FGG
WZ1Q	OZ9U	NR3Y	K1XE	I5XFD
ZP9MCE	R0QA	NS4X	K4DB	IK6CGO
	R6AZ	NX3A	K4JDV	JA1ASO
110	SV8RX	OZ6PI	K5LA	JA1CJO
DF1JM	TF1A	R2ARR	K5VG	JA3GAK
DL2AMD	VE2GHZ	SV1XV	K6NS	JA7XRO
DL4IW	VE3EDY	SV3EXP	K6XJ	JH1AQN

JH1XFR	DL7AB	RC3D	K5FXB	WB4KZW
JM7TKK	DM3CW	RV6ARZ	K6EGF	WB5IUU
K2GW	EA2CLU	SA0AQT	K7AWB	WD1X
K2IE	EA3LX	TF3T	K7KJ	WK1J
K2WR	EA8TK	W0TF	KB1OIQ	WO7V
K5ZO	EI4DQ	W1EBM	KB5HC	XE3ARV
K6AHG	F5EOT	W1ECI	KB8ZUN	YO6BHN
K8BB	F5RZJ	W1PY	KE7UL	
K8POM	G0THF	W3DIY	KE8G	104
K8ZEE	GM0NAI	W4AFB	KJ6YK	AA6PG
K9AAN	HB9ECS	W4LZW	KM4AF	AA6XV
K9XR	HB9HFM	W4OEP	KN7K	AF6O
KI0G	HC4L	W5GML	KO4XM	DL6DCD
KI2D	HG6IA	W5PD	KR4U	DS3EXX
KI7HO	HL1XP	W5SUM	LU9DO	EA4DEI
KM2O	HL4CBX	W6TGI	LX1EL	F5VML
KM4FI	IK5TBK	W7SMW	LY3BA	G4GEE
KP4N	IZ4COT	W9FY	N1XL	GU0SUP
KR9A	JA2VHO	WA3DCG	N2PL	HA0EQ
N2RD	JA6ENL	WB8RFB	N3AS	I3DUB
N3YZ	JF1CZQ	WD3P	N3ZA	IK4QJH
N4KZ	JH8DEH	WS7W	N4FN	IV3EHH
N4WD	K0CF	WX0Z	N5OGP	IZ8EYN
N5PO	K0GEO	XE1V	N6DW	IZ8FDH
N5TF	K0GK	YB0JH	N6VNI	JA1KXY
N6ER	K0HQQ	YC0LOW	N7KDT	JA2DCN
N6JM	K1EP	YO3NL	N7NM	JA3MIO
N7VPN	K2JK	ZL1BBW	N9AX	JA4AO
ND9M	K4GZ		NF7D	JA5EEU
NQ2O	K4RP	105	NS7K	JA7TQK
NQ4A	K5MMH	9L1JT	PA2SWL	JE4WOK
OH3FVP	K7CTV	AA4UJ	R3LO	JO4JDU
OZ2TF	K7PT	AA4XR	RA6XV	JQ3TAN
SM3JLA	K8CJY	AA8SW	SM0EUI	JR2PAU
SP7QHR	K8FB	AB2NI	UQ2GM	K0FF
SV2DSJ	K9SUH	AC5O	VA7DX	K0IL
UR4CW	KB9AIT	AD5MD	VE3MSK	K2DF
UR4IOR	KC4PX	AH7G	VE9RJ	K2RNY
VR2XYL	KD3UY	DF8FT	VY2RU	K4KFH
W1XY	KE6V	DJ8KM	W1KMA	K5RKS
W3UI	KF8VX	DL6DK	W1USN	K6JAD
W3UTD	KJ6ZH	DL9NDV	W3DAD	K6MYC
W5UQ	KK8MM	EA1AZ	W4CU	K8TS
W6BBS	LU4FW	EA1T	W4RQ	K9BJM
W8LWU	LY2PAQ	EA5XV	W4WIV	K9JDP
WA2PNI	LZ1HY	F8GB	W5ADH	KA5RNH
WA9IVH	M0RTP	HB9CA	W6SIY	KE1B
WB9UQE	N0MR	IK0WMJ	W7MD	KF0RQ
WD4IXD	N4LB	IK2DJV	W7VS	KF6E
WF8R	N4WMB	IZ5IMB	W8EH	KF8AR
WM4AA	N8TFD	JA6MWF	WA0GOZ	KH6XT
WY9V	NA7RH	JG3KMT	WA4HXC	KI4RD
YB0WWL	NK7L	JH2AHZ	WA6URY	KK4MA
YO5OEF	NT4K	JH3AEF	WA8A	LA3ANA
	NZ0O	K2IUK	WA9SQH	LA9VBA
106	OE9SLH	K4RM	WB0CHS	LZ1SW
AB6FI	OZ7BQ	K4VMT	WB3AVD	N3COB

N3STZ	K3GP	WA7IHN	K4NI	WM0G
N4PF	K4MQL	WA8MOA	K4OP	YL3GDM
N7YQ	K5NV*	WA9BXB	K4VUD	YO8PS
N8PE	K7RAN	WB2EBS	K5GZR	YV1AVO
NE6V	K8CR	WB2GMY	K5PV	
NY2E	K8TLC	WB3HLH	K6VMV	101
ON6NG	KA2F	WB5TOI	K9QA	5P5Q
PY2CP	KB1CQ	WB8PKK	K9WA	AA2VG
RW3QHN	KC1XX	WB9TFH	KA4JNB	AD7XG
SL0AS	KD1AB	WD4AFY	KC4GKY	AF3K
SM5NAS	KF8PD	WE9M	KD2SY	C93PA
TI4SU	KI0KN	WK5X	KE3ZT	DJ3GZ
VR2KF	KI5GF	WN5K	KE5FXE	DK8IZ
W1TW	KN4T	YB9AY	KK4CLY	DM5TI
W5AP	KP4GC	YC6JRT	KM8V	DO5SB
W6FUV	KS4Q	YO4AUP	KM9Y	DS2BGV
W7TUS	KT6LA	ZL1ANJ	KO4PRE	EI3ISB
W8PAT	KV8P	ZL2AO	KU0S	EI6GF
WA4TMJ	KW9K	ZS1DX	KV1M	EW2CR
WB6MBF	LB8CA		KW4BY	F2AR
WB8EKG	LU5OM	102	LA9PHA	F6ARS
WQ5G	M0PCB	AA1DN	N1EDN	F8DHE
WV8DX	M5LRO	AA1IF	N1IN	G4DDL
YL2IP	N1KI	AA5H	N2MG	G4VWI
YO5QAW	N2QLT	AB5YI	N3DAP	G8GNI
	N2ZL	AC8TO	N4DJT	GW4WND
103	N3NVA	AD5BV	N4PAJ	HB9BNQ
AC4CA	N4LS	CT1YH	N8WL	HI3I
AC6ZM	N5RA	DL2XN	N9HUK	HL1SX
AD0TR	N5YY	DL5PW	NA3M	I2YPY
AF3X	N6IBP	DS5JMG	NG4P	IK2WSO
DJ3NK	N6MXU	EI5JL	NI7F	JA1BJI
DJ3XG	N7NF	EI9FVB	NX3Y	JA3WMS
DL1ET	NA8W	F4HAB	NZ3L	JA5ALE
DL1SVA	NC6RJ	G0UGO	OH3PYY	JA5XPD
DS4DBF	NM4Q	G0UII	PF7M	JA8ANQ
EA4S	NX1P	G3JFC	PR7AB	JH2AJY
EI5GM	OV5O	G4AYU	PY2OP	JM1SMY
EI8IQ	PY2DV	HC1HC	SM7TZK	JR3TOE
F3SJ	RA3LD	I7LGM	UA2CZ	JS6QOM
G3VDB	RM4C	IK2ECP	UN7BK	K0HIP
GM4ELV	RZ6LB	JA3MHV	UX4UM	K0SQ
HA0IT	VE1GBD	JA3VQW	VA1SEA	K1JE
HL9HH	VE1HA	JH1GNU	VA7FC	K1YA
I0BJV	VE3GLA	JJ1KZZ	VE3KKB	K2KNB
I6XGZ	VE3MIS	JJ2BLV	VR2ZXP	K2RB
IS0/YO3RA	W1VEM	JO1MOS	VU2LBW	K2UT
IS0MVE	W3ATV	JO3WHB	VU2MB	K4TOR
JA8AQ	W4TJE	K0GX	W0FF	K8ARY
JA9IPF	W5SG	K0ZM	W0PXM	K9EA
JE4FNC	W6OP	K1CN	W1DAR	KA1NCN
JF1MTV	W6SA	K1HC	W4PM	KA4IWG
JH2CYU	W6SFK	K1ROA	W5TZN	KB5NJD
JH5OTE	W7IH	K2FJ	W7YED	KB8DID
JK2VOC	W7PC	K2MHE	W8DN	KC0V
K1HDO	W8KTH	K3IU	W9LU	KD0AA
K2YEH	W8LAQ	K4CKS	WA8COB	KD1YV

KE9UA	AI4EY	KC4DM	W4MIR
KJ4FZ	AK4N	KC8YG	W4UT
KK4ODQ	AK9B	KE5MMT	W4YR
KM4EX	DG0OAT	KE8NOA	W5IO
KU9S	DL2YBG	KF9WV	W5WS
KZ1X	DL3XAC	KG6KH	W6OU
LA9JKA	DL6ZBN	KI6PG	W6PG
N0IRM	DO2UDX	KJ4EX	W7NUW
N1GNB	EA2RY	KJ4UZU	W9COS
N4ST	EA4D	KL7XO	WA9EZT
N4VG	EI5GSB	KN4OK	WB2AMU
N6RVI	F1OBJ	KU4A	WB2BXO
N7ELL	G4SGX	LA8W	WB2MKX
N8LIQ	GI0VJE	MW2I	WB4JPG
N9OK	GM0VIT	N1GFV	WB6RAB
NE5W	HB9CZF	N2JNE	WD0AJG
NK6O	HL4XM	N2XTT	WD1Z
NZ3M	I8YAV	N3CAL	WI0E
OH2LHE	IK2HLM	N3MX	WK3A
RW9LL	IZ0GKB	N3PV	WM1L
UA3FT	IZ4IRO	N4GOA	WM9Q
UA3UCD	JA1BDF	N4UP	WQ5T
UA9CIM	JA1EYN	N4UY	YB0MWM
UR3HC	JA2ODB	N5CR	YB1BML
UY5AR	JA3BKP	N6DKZ	YB2TS
VE6TL	JF3MKC	N7ZT	YO2OXD
VK3FNJ	JH1HRJ	N9AKR	YO6HSU
VU3CAU	JH8CFZ	NA9L	YU1LD
W3GP	JJ1IRS	NE3K	ZL3PAH
W5TSB	JM1JZN	NJ4V	
W5TUF	JP1GUW	NO2EL	
W6QL	JQ1YIW	OM4KW	
W7WT	JR1AHH	OZ1ZD	
W8JY	JR1LZK	PA3GFE	
W9IE	JR3ADB	R3DL	
W9QO	K0MB	RA3UT	
WA3YGQ	K1YWW	RA6XB	
WB8TGY	K2ITT	SM7DXQ	
WD4OHD	K2RKJ	SP5ZCC	
WF3M	K2ZD	SQ5M	
WS7I	K3CWF	SV8RMA	
YB0AI	K3HPA	TA2AD	
YB1AYO	K3RRR	UA4PT	
YL7X	K3SUK	UX5XK	
ZL2LW	K4AEN	V31CQ	
ZL3NW	K4HEB	VA3VF	
ZL3TE	K4LRX	VE2ACP	
	K5HX	VP5JM	
100	K6JBH	VR2IL	
5N0ETP	K7NW	VU2DED	
A41ZZ	K8ESQ	W0GXA	
A71XX	K8OS	W1FP	
AA2MF	K9CHP	W1KQ	
AA2T	KB2S	W2FS	
AB4KJ	KB3KJ	W2RL	
AE0MO	KB4CP	W3EP*	
AF8P	KB4FB	W4LEW	