

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 Oct 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	OK3GU RA7A SP5CJQ W5ZN
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 RU3DX SM5KNV SV1FJA VA3DX W2YC 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	
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	333 EY8MM I4EWH IK4WMA JH4UYB UA3AB	329 AA1V DJ2YA EA6SX I5KKW I5NPH IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ YU1FW
351 K2TQC SP3GEM W1NG	343 JR3IIR K8MFO LZ2DF N1DG PE5T SM3EVR W3UR WB9Z	337 JA3FYC K3UA W1YY	332 DL4MCF JA5AQC OE6IMD SP7VC UT5UIA	
350 SM0AJU W4ZV				
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE R7LV W1MK	336 HA8IE JA2WYN N3XX SM3GSK	331 K1UO N1RJ N8DX OE3GCU	328 G3KMA GM0GAV HA5WA HB9BGV

IK8HJC JF2MBF K0SR K3FN N2LT N3SL N4CH R3OK SP3E SP7GAQ SP8AJK UA3DPM W3NO W5EU	CT1APE K2RR N0RR OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	SP5DIR SV8CS UA4LY UT9FJ WI8A	314 AA4HP DF2UU JA2FBY JA3PIS JH2TPI K1ST K6XT K9CT K9NW N5DG OE5KE SM6CTQ	EI6S JA1EOD JJ2LPV JO1WKO K2RW K2UU K4XO K9ZO N4II N8RR W0VTT W9RN
327 DL1RWN EU7A K4UTE N2QT OE1WEU OH2FT RZ3AM S58T W8AV	323 EA6NB HB9BIN HB9RG JQ3DUE K2FF K4SO N3NT UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V* DF3GY F6AOJ I0WDX JA3CSZ JA5MHD JR3GWZ K4IQJ K6EID N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K0KT K1MM K9RX LA7JO LZ2JE SM6CMU W5OZI W7OM	309 DK1FW EI7BA IZ5DKJ JF1PUW JH2FXK JJ3PRT KG7H OH1LEU SM6DHF W1DIG W4UM
326 AA7A IK4DRY JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	322 IK1GPG JA1XEC K4QL K4XP K8GG R7NW SP9DWT UA3LAR	318 OK1AWZ SP6CIK YO9HP	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 AG9S IK5HHA IZ0AEG JA2QPY JA3EMU K5BG KD5M N4PQX NJ6P PA3FQA R7AA RV3LO SP3IBS SP8NR W1GL W9RPM	321 E72A EA5BM F6BEE JA2JW K1ZZ K8PT N0AT N2NL N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JA8ISU JG1ULJ K9FD* N7RT SV1RK W6XA YO5BRZ	311 DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A ON4AOI RN3QN	307 JA2JNA JR4OZR K3YA K4SV NQ1K OE6DK R9TO SV8BHN WB8ZRL
324 9A2EU	320 G3TJW K1AR R9FM RU3FM RY9C SM5BFJ	315 AA1QD G4CCZ K0IEA K5DU K5OVC N8PR OZ1ING PY5HOT R3VA RX4HZ	310 DL5DSM	306 AC4G DJ8NK

JE2URF JH3VNC K5EK WB3AVN	W8GC WP4U	K9YY KX4R N2TN N4QS N5TY* R5DT SM3NXS SM4DDE W1RM	JO7WXN LA2XPA LY1G N5ZM OE5FIN OH2BLD R6AF SM2OAN SP3CGK WA3C	289 9A4W JA2XYO JA4DLP JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM0CCM SM6DHU
305 F6BLP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP	301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9NU KE9L OE1ZL OE5NNN VE3EXY	297 AB6QM DJ9HX DK2GZ EA3GP F6EXV IW1ARB JA7QVI K1DG K4MWB LA3MHA NK1K OE2LCM ON4IZ OZ4O W3KX W7DO YV1DIG	293 AD5Q JA2ZL JH0INP JH4JNG JK1OPL K8FL NI6T VA5DX VE6WZ W1BR	288 9A2JK 9A4T JA2FJP JA3AAW K9KU KN5O SM5CZQ W1MU W4FC W6XK W7ZI W9MU
304 I4LCK JF3KON K3WW K5MC N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU W3GG	300 F6DAY IZ1LBG IZ8FFA JA0EOK K2SY K4CN MD0CCE N0AV N7US OE8HIK RA0FF UA9FAR W1CU W6YI W9IXX WA7NB YO7LCB YU3AA	296 AA6AA I1FQH IV3YYK JS2LHI LA8PT ON4CD UA3TT UR5EDX	292 K1LD K4ZYU K9EU SM3VAC SP5GH W2LK	287 AJ6T EA1N EA6VQ F2JD JA3AZD JA6BZI N8DJX N9EN NE1B 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	295 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 JH1TWT K2SHZ KA9CFD NN4X RA1QD RU6L WB6RSE
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K9MM KV7K N4NX NM6V PY7DJ R8TX SM6BGG UT2UB	298 HB9BZA JA0CRI JR6PGB K2VV K4HB	294 DK5AD IK4DRR IV3JVJ JA2EPW	290 AJ1H CT4NH JA4MRL LA7AFA PY5EG W1YM W2IRT	

285 AA1ON AD1C CT1IUA DL5WW K1DT K5RT N5KM SP7ITB	N6DX	JE7ETY JE7RJS JE8BKW K0JUH K3MSB N1RR N5FG ON4ACG SM4CTT W1KSZ W5AJ	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC LA5LJA N3KV SM4AZQ W6SR W6UC WB9CIF	EA3WD JA0DIN JA4EPE JA4IYL JA5XAE JL1ARF N5OK ND0N SM0NJO SP8FNA W9OO
284 G4IUF JA7ZP K3WC K8BCK UN7JX W1ECT	279 DL4CF E72U G4GIR HB9DDZ HK3W I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX JI2KXX KF0QR N8LJ ON4GG SM5FUG SP1MGM W1ZK	274 CT1BH F4BKV I1JQJ IZ8VYU JA9NLE K1NU KD0Q N6ET W3DRY W6TMD W8TE WE9R	269 IV3GOW JA2BDR JA3ENN JA4PXC K0TT K6SIK N7GR NX0I W2SM	265 AJ3K CT3MD K4TT N4QQ N7KA N7XR NY0V W9YSX
283 G4WFQ JF2XGF K0CS K1HTV KM1D MM0EAX RU3QR RW4NN SM6BZV W0FS	278 4Z5MU CX6VM I6FLD IK6GPZ JE1PNX K7SO LA7HJA RW3RN SV2AEL US0KW W1UK	273 AG4W AH7C DF2RG EA5BY HB9LCW JA1HQT JA1SJV JA6LCJ K4JJW K5FUV K7XB N9UA RN3CT SV1DPI UN6T W7WM WD5K WN6W	268 DL5ZB DL6ZXB EA7TV EU1KY HB9HFN IK7JTF JI4POR JL1UXH K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	264 KD6WW RD3AW SP1JRF WX0V
282 DK3DG DL9TJ EA5RM G3WPH K8YSE K9US LA9AJA UW2ZM W7BEM	277 AB4IQ DL6KR EA3JL G0OIL JA3FGJ K6YRA LU2NI VE3FF	272 HB9DDO JA1ANR W1TYQ	267 DL7BA JH1NYM JR3OEH K1FK K4JLD K8BN LB8DC W4YV	263 EI6FR K7BG K7EG KP2A RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ
281 DK2NG EA6ET K1OA K4NA NV9L ON4ATW W9AJ	276 HA9PP JE1SYN K8WK K9MK OE2BZL UN9L VE3LYC W5TCX WS9V	271 DJ5AV K5XX NA5C VE3BW VK3QI	266 CT1FMX	262 K3KY K8GI WF4U WO2N
280 AF9H CU2DX DM5EE EA2IA G5LP K8EUR	275 AA5AM			261 JH7IAJ K1GG K2NV K8VC K9XD LA3WAA W5XC W7MO W8HW

260 JA2NDQ JF3LOP K1BD K3LR N7NG W5LT W6RW ZS1LS	N5GH W2FCR W5ZG	W1YIF W5CIA W6NWS WA8WV	K9OW RA5BM W0DJC WA6F	KK4CB LA2QM N4GN N5TW SP6A W7SX W8DCH
259 JA1FQI JA2KVD JA9NFO JH1ORA JH9AUB K2LS K7NN N2TU* SM6CUK W8UV	255 EW4M IK0HBN JP1IOF OH2IS SP5IWA W4WM W8OI	251 EA5KA G0EHO K6FG N1EN NE8P SM4EMO SV1JG W3GQ W7KW	246 E73Y G0BLB GM3PPE IK3SWB IW0SAF JA2VQF JA3GN JA3MNP JA7MOL N4TJ N6UC UR3EO WX0B	242 EA3GHQ F5PAC IZ8DFO K1LI K2PK K8ROX KI5BLU LB6KC N5XZ NO2R NW7E PY2KP PY2SP PY2XU TF3SG W1YW
258 AB9V DM2DXA IK5DNF JA9TWN K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6VX W8LGJ WO7R	254 CT1GFK DJ5JH EA5AT JA5BLB JL1RUC K0BBC K3RA K3SV K8TL KE9ET N3QE N8OC VE7AHA W7LR W8HC WD8PKF	250 HB9DHK JA1MRM JA6BJV K1HT K5JZ N9FN RN9N	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 W2JU W2XI W4BP WA3AFS WB9EEE
257 I2TZK IK2QPR JG0CQK K2TK K5WK K9IR KB8VAO NA2M* W0GJ WA9PIE	253 4O3A DJ4XA DL5CW JE1BMJ JJ3HGJ K1LPS K1LT K3JT YO2DFA	249 AA4R DL4SZB JH1OBS K0BJ K4XI K6AM KF8UN LB2TB N4EFS RD3A WA9CVK	244 EI9FBB JN1RQV K6KO N5LZ SV3DCX	240 AF4HX F5LVL IK4PLW JE7JDL K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W7CT W7ZJ W8TN
256 AC6HY CU2AP DF2GH G3VKW HB9CXZ IZ3ENH JA3MHV	252 DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO	248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA1WSK JA8RJE JE1LFX JH0BQX W1VT	243 9A1AD I0JBL I2EOW JA1GTF JA9FAI JM1FHL JN1BMX JS3CTQ K0VSH K9JF K9MBQ	

239 G3KMQ JE3ENP JR2LJO K5ZD KQ8M LA0FA N3MN SM5OJH UX5UO W5FI	235 DO4DXA HB9BUN JA7LMZ JE2DZC JH4HMG JH7RXU K7PI KD3CQ LU3CQ N5MOA N5ORT N9RD NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B XE2X YL2KF	W1TO W6TC W8WEJ 230 JA6VQA JG1WSC JI1DHY K0KVR K1EFI K4XR KD0PO KS1J N1IBM N5JB VE7JO W5ODD ZL2IFB 229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO W2GG WB8B 228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1BNC JH1HHC K4RG K6EME N3RC N4LR OZ7OP W0CP W4HG 227 AA8CH DL6JZ EI2GLB F6FXU HL2WA	IK4FNF JA2CXF JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR RN8W SP8HKT VE3CRG W1SKU 226 AE5E DJ9ON EA3CJ JA4ITW K2EK K4ZIN N8PW NE3F PY2NQ VK3HJ 225 DS1JFY EA1AF HB9SLO I8JIT JA2FBC JA6BEE JA8DRK JE2EHP JH1QAX JH4PMV K0SD K9MMS KU0A LA9GX N2DPF N2JJ N8KOL OZ2RH PE1L RU3A UA0BA W6BJH W7YAQ W8CZN	224 AI2Q CT1EAV DL6MRS DS5RNM JA8EKU JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK W1LW WA4LOX 223 EI9JF EU1U JA7BWT K3ANS K7LV K9RT LB5WB N6HC ON4CAS SM5CBM W0HBH W5VX W6SL XE1VIC YL2TW 222 EA5RU HB9AAQ HB9CEX HB9TKS IK0PEA IZ8IEV JR6FC K4WM KF7PG N6MZ NA5DX OE8SPW W3BW W5VQ 221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP
238 AA7G IZ0RVI JH3CUL K2SX K7SP N9RS VE7DX WA2NPD	234 CT1FCX CT1FPQ IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK 233 JA5FBZ JI8DGO K2UR KQ3F KT1V N8BJQ RA3SS 232 DL1DUO F3SG JH4ALY K2KA LA9VFA N2BJ NX7K RL3FA S54A W0LS 231 9H1SP K1ZE K3VAT K4PB	237 BH4QYX GM3YOR IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K1USA K8FH KG6I N1ZZ OE3EVA W4ABW WB8BPU 236 DL1AP HB0CC JA7QFU JJ1DWT K1ESE K4ZO K9FN K9YC LA5YJ N4RWG OZ1LCG SM3CBR SM5CAK W1ZT WE0Q		

JR6LLN KI0KB N0KV N4TV OE1AZS PA3CSR SM3LGO W0VX WB3JFS WS5W WW3S	OH6NIO ON6AA W1RR W6AUG W6RKC W7HPW	YO3CD	K9TF KG9Z KT2E N2NS N4TL N5BO N9JV OH1JP W4WT W9JJB WA5POK WB5XX	HB9BAT IV3TDM K1KO K1NJ K4JPD K4YYL K7UT KA7T LA2PA N1QY N3OC RU9UC YO2RR
220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4EA N2WLG UN7TW W1OPD W8RLS	216 AB5C HB9CQK JK3BLD JR7FRW K1KA K8QM N4ONI N7TY N7UN UT3UZ W0DD W0RX W0SZ	NR4M SP7CVW	209 AC4TO AE0P DM1TT IV3VBM IW0HQE 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	215 5B4AHJ DJ9RR DL1SMA K1GE K3XA K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC VE7SZ W9ILY WB8K WC4X YB5QZ	KJ9C KL0S NN4SS RD3BD SV1GRE W3RJW		205 HB9RYZ JA0NZR JA8EJO JE2RDO JH6PFY K1UU K2MYR K5QX KA8ZPE KU4XO LU8EKC RT0F W1SSN W5DAW WA0I
218 CT3HF JA2AHH K1XM KS3F S55DX W0AWL W5FKX WB8CQV	214 E70T HB9IQB JA1OND JI4WAO K0LUZ K5WAF K8RRT K9NR N9ISN RU0SN W2AY W4VIC YB0COU	211 CT3DL JH4CPC JN7DOS N2LM PA7TWO RX4HW SM5AOG W1AO W1WC W4MAY W6SZN W8MET W9EWZ WW2DX	208 AC9EM EA8AXT GW3SFC JA0DET JA1NWD JA2ATE JA5WIZ JA6WJL JH6JMN K7ZD K9ZM KR0P RQ3A SV1FKZ UA3FF UW7UA W2OO W5VY WE1P	204 AI6Z JA8JO JH4FEB K1CA K9GWH OH8NW SV1VS W2/CT1GIF W6KK
217 EA1RT IK2ANI JA1GRM JA3LDH JA5JUG JK1GOK JR2UBS JR5JAQ K3FRK K6DT OE3SGU OE5RLM		210 AA8OY BH4IGO DJ5DT JA2XCR JA7LGE JG3LGD JG4AKL K5VWW K7ORK K8KS	207 AA5AT	203 DJ3GW

EA8AKN	K9ALP	PZ5RA	K6UM	JA2KSP
HA7UW	N4MHQ	R9MJ	N1JP	JH1APK
IK0HFO	R3IS		N5UW	JJ1SKG
IK4HPU	VU2CPL	196	ND5S	JR1MLU
JA3MHA	W2OIB	F5PBM	PA0JSE	K4MZ
K1IT	W5GZ	G3SVD	SM4CTI	KQ4EE
K3GT	W8GNM	JA1VLK	SM7BHH	N6GP
K3OSX	W8WRP	JR7XOD	SP5ES	OZ8SW
LA6OP	WB1S	K2BA	SV2DGH	SP3EPG
N0RN	WZ8P	K4CM	W5WP	UA0FO
N6HY	XE1H	K5FNQ	YL3DQ	W7SLB
SV9COL		K8BL		
VE6LB	199	KA1ERL	192	189
VE7UF	I4MKN	KK1W	AE6Y	AA4NC
VK3BDX	IK5RUN	N7WS	I2YWR	JA1DM*
W8KA	JH4GJR	NA2AA	IK5ZUK	JA1OVD
	K1BZ	PY1OL	JE8TGI	K2QMF
202	K2XF	UT7KF	K6PJ	K4JC
JA8BNP	KJ6P	W2FV	K8UT	K5CD
JH4ADK	SM4BZH	W2YE	N7BT	K8TVD
JH7BKN	UA0SC	W7AH	OH8LXT	N0RB
K2FW	W2GW	WV4TN	W1EQ	NI5F
K6TAR	W3OA		W4GIW	OH3OJ
K6YUI	WA1S		W4RFZ	PA5TT
PY5CC	ZL4AS	195	W5ZO	PY2VA
SM3PZG	ZS1A	A92BE	W6RS	RA3QUA
SM5ENX		AA8LL	WA4BIM	SM2DMU
W5BPT	198	AC6T	WP3R	SM7GIB
WA4CEM	CT3KN	DS5TOS	YO3DDZ	SP9WZS
WD9DZV	DF7EE	HB9DOT		W0YK
	HK4SAN	IZ2FOS		W2LE
201	K0DEW	K4MF	191	W5KFT
CT1BWU	K5GH	K4OY	AD6W	WB2AA
F6ECI	NA4EA	K9GA	IK5CBE	WT3Q
HK1MW	SP1DSZ	KX4TT	IT9BLB	
JA1LSP	UA3O	N1NY	JA1PMN	188
JE1CTA	W2PS	N8SNM	JH1AGU	JA2FGL
JG8FWH	W9PZT	NA2P	K0GY	JN1GTG
K1JIU	WB4YDL	SM5CLE	K1TO	K0TV
K8YTO	WD4LBR	TI5RLI	K1ZN	K7WE
N9SF		W4RDX	K4AV	KA4RRU
SP6JIU	197	W8FIB	K7FL	W4GE
TI5KD	DL9FCY	WD0DAN	K9OR	W7HR
VE3YF	IK2SGB	YO9FNP	KF0LA	W7IV
W2CG	JA2IYJ		KR2Q	ZL4TT
W6AEA	JA3CMD	194	KU4BP	ZP5JCY
	JA8XQI	J11NJC	N8NN	
200	K4CMS	M0CSD	NX1L	187
9K2OD	K6UT	N1PM	SV1FJP	DH0GSU
IK5MDF	K7UR	VK3NX	W3ABT	IK4AUU
JA1SKE	KD6UO	W5CWQ	W4UCK	IT9CVO
JA4XH	KM4H	W6ENZ	WC1M	JA0LFV
JA7JI	KZ0X	YT2AA	ZS6WB	JA2VMU
JH0RVY	N0AH			JR3UIC
K0KG	N1RK	193	190	K3PP
K7ZBV	N7HN	IK0LNN	7K1PTT	K4WZ
K8ZH	NG0T	JR4LNG	EA2AFV	K8DV
		K5FZ	EW3CW	

OH7TV OM7CA VE6SV W3MR	SM5FWW SV1IW W1UE W9FI WA0RVK	K3EA KE4UW LU6ETB OZ1IKY UT6UA W0GG WY1G	KM6HB N0AMI N3NR OE2SCM RW4CY SP5JXK VE6AX VK4CAG W6DR WA5IPS WF2S	K4BYN KW4MM N4PL N6PAT N6ZN NY3C SM5CZK SM7NDX VK2DX W1NT W7CD ZL3JT
186 G3NDC IT9GSF JE8CLT JH2AYB JH4CBM JR1BLX JR7MAZ KD2T NE0DX OZ8RO SM3PHM W1ITU W4SK W5PF W8JRK WA7TZY XE1J*	183 4Z4DX DJ5IO DL1KUR EA1JO EA3GHZ EA8RR F3AT GU4YOX HB9BXE HL3GOB IK5PWN JA1DOF JA8NFV JA9CWJ JQ6RUP K8AJS N6PSE NA2U NA5Q ON6YH R0FA R9JX W6JTI W8IQ W8OP WA4TII	180 E21EIC EC1A I0OSI IK7FPV IZ4DPV JA1DOT JA4VUQ JA6GIJ JA7IC JE2HCJ K0LU K0TPP K2CBI OZ7FOC SV1BYI W2KA W5JAY W5WQN W8LMG WK7E	177 AA6RR DL6LIM I8LWL IK0EFR JA1IOA JA4DHN JR6GIM K0GD K5UZ KA2CYN LA8HGA N6RV NT2A RA9SC VE3OI WD9Q WQ7B	174 DS4AOW IZ5BAM JA7SFD JM1BPP K3XO K9HQM K9SG KB6CIO N1NK N6NU OH4UI PA2TMS SV3KH SV9AHZ TZ4AM WA8MCD WB2WPM WC2K
185 AD7L DK4TP DL8PG EA1KK EW1P HB9DHG HI3T JA1FJJ JA8UIV JR4VMS K0MD K1RV K4KGG K8RYU NA2X W5QM W8HB	182 F6DBX I5OYY K7UA KE1F ND3F NW6S NY2NY SV2DCD VU2NKS W1PX W5DNT W7MEM XE2CQ ZS2DL	179 DL2CHN DS3HWS HB9EFK IW3GJF JE3CYW JF1RYU JG3SKK JH1RFM K7ACZ KA6BIM KD8RQE N7TR W2WC W5GAI WE4S WT4Q YO4DW ZL1BYZ	176 CU2CE IW1QN JA5SUD K1RI K4VIG KB4MRX KJ7M KZ1W N3ND PY2WC VE7VV W3FI W3TN W9DX WA1FCN WA1PMA WA4JQS	173 4X6ZK AG1A K1EO KI4GE KK4OK N0OK N5WA NJ3K S57AT SM6CLU W3BJ WA4DOU WF4G
184 AK1L EA4CQT IZ2AMW IZ5RVG JA6CBG JA6TMU K3GGN K5KG K8NK KI4DLS KO8SCA N2RJ N6PM	181 AA4DO DL6CNG EI2JD JH1ROJ JK1BSM K1RH	178 CT1ESO I0MWI IK8YTA IV3TMV JE8LWZ K2HAT	175 JA1JAT JA3BXF JA8LRG JH1DGQ JM2RUV K0EOO	172 AB2E JL3JTD K4WNW KY6R KZ5DX N4JT N4OA N5ET

N6RK	KT1J	165	J12EMF	W1LY
W2NO	NF1G	AA3LX	KF9UG	W4KA
W3FOX	NX8Y	FG8OJ	KG8CW	W5VU
W3MF	ON4ANN	HB9MFM	KK0DX	W6DX
W4DAO	UN3GX	HC1BI	NC4RB	W6YOO
W4WJ	W5LO	HI8R	NY4G	W8CD
W5JMW	168	JF3PNQ	OZ5NJ	W8HMK
YB1UUN	DL2NOM	JS6TWW	VK6LC	W8IW
171	EA5OX	K5CR	W5GA	XE1RBV
DL7JRD	I8DVJ	K7JH	WA2UKA	160
G3UAS	JA2FSM	LX1KC	WA8JBG	AB4UF
IU0LFQ	JE2UFF	N2GZ	YO3AIS	DL7UPN
JA1QIW	K1ACL	N8HRZ	162	DM2RM
JH1IED	K7HC	OE3KLU	E73D	F9XL
JH1WJR	KJ7TEA	OK2BUZ	IK2VUC	JA0GCI
JK1UVP	N8AGU	SV1GYG	IT9DAA	JA1MZL
JR8AMF	SM4OLL	W2YR	JA2NQG	JA4HAW
K1JD	SP5MXZ	W9MO	JA8BZL	JA5PUL
K9RR	WA4AFE	WA0SXV	K1DJ	JA7XBG
KU2A	167	WA4VA	K2AT	JF2WGN
N4UOZ	AA7XT	WA5LFD	K2RU	JH1DGJ
N6UK	CU3EQ	164	K4JKB	JH3FHQ
W1OP	DL3KZA	DJ1TO	K4MM	JJ1BMB
W4CCS	I0KRP	DL5XL	K5RJ	JR3XUH
W4NJ	JA3FHL	EW1KP	KT2C	KI4WCQ
W7WZ	JA5BGA	HA5BSW	LU2AH	KW4V
W9BEA	JA5NPV	HA5WG	N2ZA	LA5SJA
170	JA9CG	IV3BKH	N9OY	N2BT
BA4MY	JH1APZ	JA9KRO	NA5Z	N3RR
EA2AA	JL2JVX	JF1LZQ	W1YRC	N3XM
IT9ODQ	KQ1F	JH1RGG	W2OR	ND6G
JA3MF	LU2CC	JH2HFD	W6WA	TA1CM
JA3RQ	N4AL	K9UQN	W8PC	W0KCJ
JA6SRB	R5QA	KA9OKH	WB0N	W6CUA
JE1PHH	RA3LAL	KK4OW	WW1N	WW4LL
K0DD	RL3AA	LU2DSL	161	YO4AUL
KB9DAK	WA8CDU	LZ2ZG	AJ4A	159
KD1F	166	N8OQ	E74A	9M6YBG
KE1VT	DL1QQ	N8PCN	JA1BPA	AH0U
KH2L	E70A	PA0TCA	JA1SDV	DL1MEV
N0ABA	G3WW	RA3BL	JF7RJM	F5NBX
N7KO	HB9DVZ	SM6WET	JH0NOS	HB9DDM
NO9E	I2DMI	VE1OP	K3MD	IK1UGX
OE2GEN	IZ4DIW	VR2MY	K3WGR	IK8UHA
PY2DS	JA4KDT	W1JA	K4HMB	JA3NHL
W4HZ	JA7BEW	W3HKK	K5IB	JH1ACA
WB6JXJ	K8ME	WB8BZK	K8CC	JH1IAQ
YO2CMI	KN6KI	XE1MEX	KC6X	JK1TCV
169	W3BNN	163	N3HBX	K2TA
G3WGN	W9JA	AA4FU	N6IE	K4YJ
IT9AAI	WB7QXU	FG5FR	N6TR	K5RA
K2RET	WC4B	IW0BYL	N8NA	LZ2JF
K3PU		JA0KJD	NK0S	N4QM
K8OM		JA8FFM	SM0DSF	N4TOL
		JG3RWX	SM5ARL	N6MA

NA6O	SP5ELW	W4UEF	151	N6WT
OZ4VW	W2FK	W5KI	AA4FL	ND0F
SP6AXW	W7CA	W6NK	EA7OH	NU4I
W7VY	WB2AQC	W8MHW	EI3IO	NZ2L
WV9L	WM0X		EI9E	SM2GCQ
	ZL3RJ	153	G4XEE	W1JGS
158		7K3QPL	HL2KV	W4NBS
AA8R	155	AA9GR	HP2AT	W9GXR
BA7IO	5T5PA	EB3CW	JA6COW	WA2MZX
DL4NBE	9A1A	F4FLF	JR7ILA	WA4MME
DL5KUA	AA4DD	G0VXE	K1AJ	WB4JTT
DL9DRA	EA3EQT	IU8FRE	K1PL	WV2I
JA1SHE	GM0AXY	JA0NPQ	K2TER	
JA2ITK	JH1SJM	JA1QOQ	K3FM	149
K4XU	JH1VHU	JA2BUR	K4ST	AB1J
LA2GH	JR1DUP	JA7GYF	KD4OS	AL7TC
N2ZZ	K2DC	JH3HTD	KM1C	IZ4MJP
N4DWK	KR6C	K1YT	N3MK	JA0LXP
R7LP	LA2RZ	K4EU	N4HID	JA1ADN
RU3UR	N1MD	K7GA	N9DR	JA1SGU
W1GQ	N3IQ	KH6AT	NF4A	JA4ZA
W2RA	N4IG	N2FF	UA1CEI	K0GW
WO3Z	N8AYY	NA6MG	VA3XQ	K0KP
WS1L	N8WRL	NK7C	VK2GR	K3NF
	N9XX	OZ7DN	W0JM	K4WY
157	OM8FR	SM6AOU	W2TB	K8AV
CT1DKS	PA7RA	VE1DUN	W4WW	KM2E
G4AFJ	RN3QO	VE3YXO	W8VVG	N7MB
JA2EJI	SV8LMQ	W5ZPA	WA0ROI	N9IO
JR4VEV	UN3G	W8MIL	YO6HOY	NJ7G
K2CDJ	W0NFL	W9GE		NX2X
K7LFY	W0VHF	W9SE	150	ON5TW
K8WVA	W1AW	WN9O	AL7R	SM5FQQ
N0VVV	W2HUG		CT1FUH	W6RFF
NJ6D	W4HOG	152	DK5RL	W6ZO
UA4PK	W7IUO	AF2C	DL2JIM	WB0O
VE3UZ	WO9S	EU1DX	DL2VPO	WW1WW
W4PV		G3LUW	DL7AA	YB2TX
W5PJR	154	IK0CHU	F6HLC	
W5RF	DK3BK	JA6GPR	HB9DQV	148
W7RN	G4FTC	JR1WCT	IK2RPE	EC1AIJ
W8BBQ	JH7LBE	K4ZA	IZ0CKJ	HA5PT
W9HBH	K0THN	K9JU	JA0PE	IZ4AIB
ZP5ALI	K4QD	KS4S	JA3EOP	JA1CZI
ZS2EZ	K4WFM	LB7ZG	JA9AA	JA6OXT
	K8RF	SM2HWG	JE1VTZ	J16IHG
156	KE4VU	VE3EK	JF2VAX	JN3RBE
DK0EE	KG4CUY	VE7XT	JH2VVH	JT1BV
JA1QGC	KK4HD	W0LYI	K1VI	K4WJ
JA4VLK	RA0BA	W1LE	K2OP	K7CMZ
JA5BZL	RD9M	W1MR	K4NC	N4NW
J11WLL	RT5A	W1NK	K5DHY	N6IG
JK1UNZ	SM5BEU	W3NS	K8MN	NG0G
K6XN	SP6E1Y	W4NZC	KA9UVY	VE1VOX
KK9H	W2UB	W4TNX	N0STL	W4MA
N4IQ	W2YK	W7FI	N2SQW	W8WFN
NA9Q	W3KHZ	W7IB	N4PYI	W9CSX

WB2HJV WB3LHD WS1E	W1NR W2JLK W4DEE W6AER W6OUL W7TSQ W8QZA/QRP W9MJ W9MR W9ZCL WA2USA WA9DU WC3W ZS6UT	K0LB KA0CDN KE5PO* KM8AM N1KC N4SC N7OJ ND3L NZ3O R7LA W0QQ W2ZI W6BCQ W7QDM W8SAX WA1YTW WC4H	HL3AMO IK2WPO JE2VLG JH1VUO JH7LVK K0PJ K1ZJA K3NQ K6IPM N1BZ NY9H W1DXH W2TX W3DQS W9IL W9ZJ WQ8T WT9U	JA3EY JA7KQC JE1DXC K2HT K4JWA K5HK KE8UM KP4P LU8ADX N2PK N3TR N4XYZ N6QI NM1G NN7X NU1B RA0R SM0XBI VA7QI W3AKD W6GJB YL2AP
147 AB4SF AD6ZJ DK6OR DL6KY EA5BZS HL4CJG IK4HLO IK8VRH IZ0BTV JA4EVN JA6NQT JH1UBK JH8BOE K2CYE K3PT K6ME KB1W KD7H LA5XGA N7MQ N7TP NV4B V51B VA3IC W1WEF W6BK W7EYE WF5E WS1F	145 AA0KA DL2RD DL7UGO DL9GTB EI6IZ F6KOP IK8GJR IW0HOU IZ0NRG K1XV K4WES K4ZNC K5EWJ K8SIA KB7V KD5R N4UFP SM7CQY UA5D W0SR W1ER W2FB WA5NFC WB6CJT YB2DX	143 AC6DD AI8P DJ3AS IK1IYU IK2RZP JA6IVR JA7FWR JA9APM JH2XQY JR1CAD K2CS K2SN K3DFL K4EB K7KB K8ZZU KW9U N9KW N9PGG NA9A NU4Y NW8F OZ1HPS RA3CO RX3BP UA9AM US2WU W1ENE W2NRA W3DM W3IZ W9HZ WB2GOK WC2L	141 DF2UH DL9ABM EI4BZ I0LYO JH1BAM JH6DUL JH6WMJ JJ1OKK K0OK K3WWT KB1HY LU2BA N4MI N6AA N7DED RW4NJ SP7ICE VE1JBC VK6OZ W0MU W0RXL W1DYJ W2HUV WA4NUF WE9A WQ6Q	139 CT3DZ IK0ZIO JF0JYR JF2OZH JH0AWC K3SW K3SX K4KAL K6LPO KE4S KH6DX KL7J KS3L LA9FFA N1IA N6KZ N8NB NN6K PP1CZ W0TM W5THT WF1H WQ5R XE1FAS
146 DD0VU DK3QM IK2DZN JA1WTI JH3FUK JH3GCN K4MX K4ZRJ K6LRN KI1U KK0M KK6T LX1CW N5CQ N7JB N9JR PY2IQ SP3F VE3UTT VR2CH W0MS*	144 AA0MZ AA6PI AB5A AB5GU AK5Q EA7DUD F1RAF HL2EIZ IZ7AUH JA0KJE JA1UXC JH1EIG JH2RMU JR1IZM	142 AG4Q HL2DBP	140 AA4US AB0RX AD3C AG5W EA3CZM ER0FEO IK0WRB IK7YZG IV3VCS	138 AA4UC AA5B AC4VM EW1LM HB9AZO HK3PJ IK2HDF

JA3XNH	136	KD3HN	DL8JJ	NH6T/W4
JF1WLK	9H1AE	KN4JX	EA3CWK	NJ9C
K2MK	AA6RE	KO4PY	HP3TA	NO0B
K2WK	AG1I	N3KN	I1YDT	S53MJ
KE7LU	CU3EJ	N4CT	IK6COX	SM0MPV
KF4VTT	DL5SBA	N4QWZ	JA0AXV	UA3SAQ
N2KX	HL4CCM	N9MB	JA1FUI	UA9AGX
N7WO	IK8PGE	OE3EPW	JA2BL	VA7XX
N8GP	IZ7EVZ	PT7CB	JA6BF	W0UVC
NU1T	J68HZ	SP7ASZ	JH4RLY	W0ZT
OZ0J	JA3UCO	W0UC	JM3GXU	W5RYA
SP5IXS	JA3WLN	W5BN	K2KIB	W5WLA
TF4M	JA7NX	W6FL	K5ZQ	W7IU
W0QD	JP7FSO	WA3IIA	K8EB	W9RB
W1ZZ	K0SRL	WA3PBL	K8KY	YB4CHP
W2PP	K1SM	WB2NPY	KO1H	
W4DN	K1TWF	WB4CW	KZ9DX	131
W8TM	K2AJY	WK8A	N4AOE	AA4EA
WA2BOT	K4AMC	ZS1J	N4DJ	DF7GG
WB2RAJ	K4KAY		N4HN	DJ2RB
WI2E	K4YP	134	N8KU	DL2TOS
WN9Q	K5YU	AG7N	NT5O	DL4ZAB
WT2P	K8CS	CT1BWW	NW7US	F2NH
XE1ILI	K8JE	CT3CD	PY2DV	IZ3ETU
YO3VU	K8KI	DF3OL	VE3SKX	JF2QNM
	KC2STA	DK2BI	VK5GR	JL6USD
137	KM1A	HB0WR	VU2MSA	JM1VRW
AA9RR	LA6MP	HL2CFY	W6MVW	K1UM
DL2VWR	N7NH	IZ1JMN	W7JET	K6IPV
EA4UV	NE4A	JA1EMQ	W8JA	K7LAZ
G8AJM	NU1O	JA2OLJ		K8JP
HB9ACC	RL3BZ	JA8ALB	132	KK7YC
IK3DVY	W1FA	JE1WZB	9AY2K	KM4A
JA1KPH	W1MRH	JG3HBO	AA3TH	KR4BD
JA9GPG	W2PD	K0XP	AE5B	KX6C
JH1ERJ	W5JE	K4MV	CT7ANG	N0TK
JO4CFV	W6DCK	K8QKY	DJ0AH	N3HYB
K5ALQ	WB0TVY	KC5LK	DL3IAC	N6FS
K5TU	WD8LTM	KF2TI	EA5RD	ND7K
KF6A	WX2CX	N2NW	FG4NO	NT9F
NA1DX		N4TD	I1CMA	OH2LU
NB3R	135	ND4V	IV3TMM	RU3UN
NC6A	AC5AA	OE1ALW	IZ6ERS	SM6VR
OE5JDL	AE4CW	SM5CSS	JH8JBX	VE7TK
SK0QO	CT3FN	W1OG	J11MNT	W4SD
UT4UZ	G4FJK	W1ZS	JN3TRK	W7NP
W0JMP	HB9VAB	W2DXE	K4DSE	W8FAX
W6TK	HK6K	W4UFO	KJ6Y	W9UM
W7KSK	JA3VPA	W5BK	KS4YT	WA6EZV
W7QHE	JR1JGA	W6EJJ	KV4T	WA6TQT
W8UQ	JR7GBL	WA1NXC	KW4CQ	WB0PWA
WB2KSK	K0FLY	WA3SKQ	N2XQM	WD8MGQ
WB3D	K4IE	WE2N	N6VI	WW1V
WO5I	K5LC	YB1TJ	N8XI	ZS2Y
YV5OIE	K5QR		NA4CW	
	K7LY	133	NA4MM	130
	K7WK	DL5JS	NG7M	7J1ADJ

AA9AA	K8YYY	SV2JU	KS4XQ	CU3AN
AB6BT	KF4NEF	VY2MC	LA7EIA	DF3EC
DJ4SO	LU2JCW	W1PNR	M0VCB	DM5JBN
DL9GCG	MW0CBC	W3EF	N1SZ	F8EZE
DL9JI	N3AIU	W5UE	N2SG	G3VAO
EA8MT	N4GBK	WB5NHL	N4LV	G3XLF
EC5A	N7BD		N4UW	IK0OPS
HB9FBG	PY3SB	127	N5JC	IK4TVP
HK3MCM	UA0APV	AA3AZ	N6PEQ	JA1TD
JA4RED	UY1HY	AI2S	N8VV	JA2AH
JA8BAR	VO1AU	DL5KUT	OZ9GA	JA7HRM
JL1GYZ	W2EQ	HA3OU	W1BYH	JA9GLW
JM1GHT	W4LIA	JA1DIO	W4PG	JE6UWU
K0HB	W9RC	JA1FHK	WB1DX	JM1LPN
K4ODL	WA1ZIC	JA1XRA	WB2GAI	K2WJ
K4VX	WA5NOM	JH2PWY	WB5STU	K3LA
KC4AA	WD5BJT	JH3PRR	WV1X	K6SLO
KF7NN	WY6N	JJ6DGP		KB9S
KP4DKE		JN1MKU	125	KF1P
LB8OH	128	K0AZ	7K1CPT	KM1R
M0IKW	4X4MF	K3OK	AA4LR	KN9N
N0TR	7M4AOE	K7PO	AB2DP	KP4MS
N1NU	7M4CLF	KV7N	AD4AA	MU0FAL
N4LUF	A71AM	KW2J	DL9BM	N1YX
N4XMx	AG8L	KX9X	EA1P	N3KR
N7TM	AK4AO	N5QS	ES3VI	N6XT
N8IL	DL3BUE	NC2Y	G0HIO	N7AU
PY2FN	DL6NW	ON8VM	G8BCG	N7ELL
SM5BNK	G4FKA	OT1A	HB9JG	NN4K
SO5AS	HB9HBZ	W4GP	HB9JOE	NS4F
VE3FRR	HK3O	WA0WWW	IZ5EKV	OZ9XU
W0AD	IT9ZZO	WA2ALY	JA2QCX	W1ASB
W3JXP	JA0ED	WA7BNG	JA6EXO	W5WZ
W3ML	JA0EVI	WB2KSP	JO1ABS	WA4QMQ
W4NK	JA3AYU	WC0W	K2ZZ	WA8RCK
W4SW	JA6JNF	WC5E	K5TIA	WA9BZW
W7FP	JE3BIQ	YT7T	K6BZS	WB4SON
W7LGG	JE4CIL		K7QA	WD6T
WK9U	JM1HJG	126	K8GWU	WR7Q
WO5D	K2QB	AD5WB	KG5VK	ZS6NJ
WX3P	K4LQ	DK3FB	KM9E	
	K8ROK	EA4EPY	KQ5M	123
129	K8YE	EA6EE	N3OUC	AB6CF
AF4OX	KA1O	EW4A	N4ENE	AC0W
CX2CC	KD2GC	G4NBS	ND4X	AC4BT
DL3LAB	KE3X	JG1SWM	PT2CSM	DD0VE
EA5DFV	KE4BKL	JG3KLF	PY2RN	EA2AAZ
GM0CWR	KF7F	JH3GFA	RT2O	IK1RLI
JA1KXT	KL1V	JH4GNE	SV1CQN	IK4BHO
JA1TGO	N2AJ	K1EDG	SV1EOG	JA2CXK
JA7EU	N4KM	K4ZMV	W1MJB	JA2JRG
JA7JPZ	N4MEC	K8FZ	W1XV	JA2KSI
JF7NNI	N9JCS	KC8IVC	WD8KND	JA3AVO
JR0EQQ	N9LEO	KI3O	XE2YWH	JA7KE
K3VPZ	NC4RY	KI5GD		JA8EOT
K6QU	NY1V	KN7Y	124	JE1HRC
K7VC	SM6DIN	KS0M	BG8PA	JE3GUG

JH0NBN	OZ3SM	W4NE	JR2CFD	K7UPJ
JH6WDG	SM2EJE	W5FL	K0IIR	K8IKE
K0KM	UA6LCN	W5MF	K1FE	K8WHA
K1QN	VE7ON	WA6JA	K1LTJ	KB0V
K3GO	VE7VF	WW8RT	KB4CRT	KB1AWM
K4GO	W1GF	YB1AR	KK4QN	KB2XJ
K8GT	W4AO	YO3JF	KV4AA	LY3BS
KC4HN	W4PNY		LA4C	N1FOJ
KF2DT	W4RS	120	LZ2HM	N3MLV
LB5GI	W7BJN	DL1EV	N0ATQ	N3RW
N6NT	WA6KHK	DL2VFR	N0ODK	N9AZZ
NC1M	WB1EAZ	F4WDL	N1DC	NA5S
NS3L	WN0L	IK7YCE	N2RR	OE3JAG
NZ5O	WR2G	IQ2VA	N3CW	TA1L
OH2BEN	WV1R	IZ5EBL	N6OJ	VA2IG
PT7DX	ZS6IR	JA3BLN	NA2R	VE3PNT
SV2BXA		JF1EGO	NK7Z	VR2PX
VK2CA	121	JG1WNO	SK6SJ	W3ACO
W0MS	EA5B	JH1LZU	SM6NJK	W4SKW
W0PE	EI8GS	JH6CDI	SV8QG	W5SJ
W2PSU	F6FYD	JI3BFC	VA3HP	W6GM
W2XX	GM3WIL	K1TKL	VE4JBB	W6WF
W4GKR	HB9BOI	K3SF	VR2XMT	WA3GM
W6PH	IK4TVQ	KD2SC	W5UHQ	WA4USA
W9ROG	IK5BOH/2	KD4POJ	W6IS	WB4PWZ
WA8Y	JA0MRW	KF8HR	WA3YZD	WZ6Z
WB4GLI	JA2ACI	KI4TZ	WA9JWL	XE1R
WC4V	JA8EIA	N2CG	WB2ZAB	YB1RUS
WQ1H	JH1AEP	N4JQQ	WB3BFC	ZS5LEE
XE1EE	JH1SBE	N5BA	WB8IZM	
	JR4CZM	N5PA	WB9WHQ	117
122	K0FG	N9DJ	WD4IXD	AB4GE
9A3LYL	K0QQ	NO2C	WY0V	AJ8MH
AA7FL	K3AR	NW4M	ZL1WG	DF2UA
BV1EK	K3IXD	PY2SEX		EA5HM
F5RQQ	K3JM	SV3AQR	118	EI7GY
HB9BEM	K3RWN	VU2PTT	AA4NG	EI8IU
HB9GWJ	K4GM	W0UY	DL2RUG	F4DSE
HB9IIO	K4SAF	W4AFB	DL4FDM	G3PSM
IK6BOB	K7STO	W5DM	DL5MX	G7SSE
IV3BSF	K8CXM	W5EC	G0MFO	HB9PUE
IV3KCB	K9QJ	W6DE	G3YFE	HL4GHT
IZ8EJB	KC9WPS	W6HDG	G3ZEM	IK0XIH
JA0CIU	KD8BZY	W7HUY	G4CWD	IZ0GYP
JA1CPU	KM7R	WD9FLI	GW0ANA	JH8KFE
JA3EEM	KT5X	WN7J	HB9DLE	JL3DGI
JA8ZO	N2KI	YE6YE	HL3ERJ	JR1SLU
JE8IGW	N4BAF	ZS1C	I5CRL	JR6GHN
JH0OXS	N4TKF		IT9IPQ	K0MP
JM1ESG	N7WR	119	JA1SZN	K0PC
KD0S	NY7T	DS5ACV	JA2NNF	K4AR
KF2OG	NZ3M	HA8UT	JJ1FXS	K4AU
KF8DX	OE1HHB	HB9DVO	JJ2KDZ	K4SX
KT8D	W1OK	JA0CVC	K1TU	K4ZIW
LA6EIA	W3NRJ	JA1DXR	K3IZ	K5GM
NI4Y	W4AEJ	JA7VEI	K5WE	K6CF
NU4B	W4EB	JM1GYQ	K6UXO	K8ZM

KB8KIM	LA2IR	K8LBT	LA9XGA	WA2AOG
KE1IU	N2SU	K9EXY	LU1FM	WB9MSM
KG6D	N3ER	KB0EL	MM0BQI	WK1Q
KK9T	N4HGZ	KC2WUF	N2YBB	WW5L
KM1H	N4QVM	KE7PB	N6RJY	WY7M
KM4NS	N6NBB	KE8NOA	N8AID	XE2MX
KM5G	N6VH	KJ4EX	N8KUS	YB0EIN
KS9R	NV4A	KK0T	N9NB	YE1AR
KU4V	OH1NSJ	KK5OQ	NG4C	YV4DYJ
LX2PA	PA2R	LT1F	NR0T	
N0IW	SM1NJC	N0OP	ON6KE	112
N8JK	UA1OM	N6DHZ	PP2FN	7N4OBV
N8WXQ	VU2ABS	N7NF	PV8DX	AA3K
NC8I	W0ANZ	N8SHZ	W4TTY	AA7UN
NL8F	W0QC	ND4Q	W7BV	AA9WO
NW2I	W1GWN	NK2H	W7HJ	AC9O
ON4AGX	W4ARK	PV8ABC	W8UMA	AD1S
PT2BW	W4CZ	UU1JA	WD1M	AD4YQ
SV2CLJ	W4DFU	VK3OT	WG0G	AE4M
SV3RKM	W7RR	W2HAZ	WN6K	DF2WF
TA1AL	W7VJ	W5GO	WR2V	DF5CD
TF3DT	WA2EOV	W5HNC		DJ7JC
UT2VC	WA8LOW	W6QON	113	DL8DYL
V51YJ	WB4DNL	W9RXJ	6K5AQY	G4DBW
VE7ACN	WB8FIW	WB2P	A92IO	HK4EB
W1UN	WC2C	WN1M	AC9X	IK0UTM
W3WN	WF4W	YO3HOT	AK1P	JA0HC
W4OWY	WJ1B		EA2J	JA9RT
W5UQ	WQ5C	114	EA8TZ	K0PX
W6KR	WV4V	AA4H	G4RGK	K0UBR
W8BI	WW0E	AD4XV	HB9HHH	K1KOB
W8VK		AK3E	IZ0FUW	K2DW
W9BB	115	BA4TB	JA2MNB	K4NTO
WP4CQ	AA5N	CT1ELF	JA4JSV	K4ULA
WS4H	AB0S	HL3DE	JH3GRO	K5VR
ZL1ANH	AC0B	IZ5GST	K0HD	K6EGW
ZP5FGS	AJ8B	JA2LHG	K0XM	K6LD
ZP6VT	CT1DOF	JA3VUI	K2SD	K6MKF
ZS4JAN	DF8FT	JA7MAD	K2TG	K7DS
	DH3KM	JE1LPZ	K6OJ	K7SX
116	DS5DNO	JK1MZT	K6ZP	K8LE
4X1EL	EA2AGV	JR1ATQ	K8SM	K9UVK
E77S	G0JJG	JR1EYB	KC2SST	KD9ZR
HK1X	I6DQE	JR1VAY	KW1DX	KP3R
HL5BMX	IU8HEP	K0BRO	N1ZJ	KR4DA
JA2DHG	JA1OVF	K1QQ	N6RC	LU3XX
JA3UNA	JA7FAS	K4TXJ	N8RF	N1BB
JA9IWR	JA8GSN	K6GWN	N9RE	N3NO
JO1LVZ	JH1RVQ	K6PT	NJ0F	N4WOT
K0BFR	JH4VDP	K8AO	ON6LY	N5OP
K4IU	JK1SAI	KA1DJ	ON7BJ	NN2D
K7VS	K0IL	KM3J	VE7BZ	OZ7QB
K9LCR	K1HJC	KM4HQE	W4CC	PY6TS
K9ZG	K4MIH	KX2S	W5RDW	R3BB
KC1ERO	K4MIJ	LA4RT	W8AEF	R7NA
KU1T	K5AX	LA4WJ	W8PE	SP1NEN
KU8X	K5LY	LA7QI	WA1EHK	VA7ZT

VE3GFN	NC6K	JR2PZX	DL2RTL	108
VE7NY	NE1RD	K0HP	DL9QJ	7L3SQL
VK7ZE	NJ1H	K1LZ	EA3BL	9A3ST
VU3WEW	NR5R	K2GLS	EA3GCT	9A5SSS
W1RG	OE1JIS	K3EE	F4GVO	AC7ZG
W4EJG	RV3GW	K4AFE	G4EHT	AE4VJ
W4JVN	UA6MA	K4DET	G4UZG	CO7RG
W4UAT	VE3EDY	K7JI	HB9DRS	DH4RL
W5FPT	W1HEO	K9AQ	IK0XKP	DJ5EY
W5MJ	W3WH	K9GY	JA0HXV	DL3ANK
W5TFV	W5WI	KA1API	JA6JYM	EA5DKU
W6CN	W6IHA	KB2RA	JA9IFF	EA8TK
W9LYN	W6ZPL	KB4FXE	JF6AKS	F5UJK
WB4CTX	W7AM	KB4KBS	JJ4HKA	G0KHO
WB4FNH	W8QWI	KB5GT	JJ5RPT	G3VXJ
WX4TM	W9GG	KI0I	K0MFI	G4SSH
YU1GM	W9KX	KK4TK	K1RY	I7PXV
ZS6NK	W9MMZ	KM5VI	K4BNF	JA0DBQ
	W9WO	KS0Y	K4RDU	JA2CPD
111	WA6URY	LA4JGA	K5VG	JA2VHO
8P6SH	WA7HQD	N2KW	K6JJ	JA4CZM
AA8KY	WD9IOK	N2TC	K7CU	JA5OP
AC0X	WE2L	N4ANV	K7IA	JG1LBN
AI1W	WF2Y	N4CO	KC5LT	JG2LGM
AI4WW	WO2Q	NE2V	KD4W	JJ7XTV
DK9WZ	WZ1Q	NU0Q	KP4AH	JK7LXU
DL1DH	ZP9MCE	NW6V	N1UZ	JR3QHQ
EA4EJP		OZ9U	N9BVA	K1KZ
EI1DG	110	R0QA	ND1T	K4DB
EU1TT	AD8NQ	R6AZ	NN4RR	K4JDV
F4DVO	DF1JM	SM0CXU	NR3Y	K5LA
HB9LAK	DL2AMD	SV8RX	NS4X	K6NS
HC1HN	DL4IW	TF1A	NX3A	K6XJ
I2QMU	DL8XDA	VE2GHZ	OZ6PI	K7QBO
IC8SQS	DM3XRF	VE3YV	R2ARR	K8BB
IK2PZC	DS4CNB	W0QL	SV1XV	K8ZT/QRP
JA3HBF	F5NNN	W0VM	SV3EXP	KD4RH
JA3QOS	G3WXX	W3KN	TA6N	KD4SN
JA9FO	HB9AGO	W3SB	TF3JB	KE4KMG
JE1GWO	IU8IYE	W4GF	VK2DAG	KE9XN
JH8GEU	IZ0GKB	W5SUM	W1KDA	KX5V
K0RW	IZ8EKL	WB8EKG	W1RH	LU4FW
K1VMI	JA0JPD	WQ5T	W4DWS	MM1PTT
K1XE	JA0UMV	WY4I	W5XU	N1HO
K3GW	JA1EMK	XE1L	W6EKR	N1TA
K3HW	JA1KZP	YB4IR	W7XE	N4KEB
K6DJ	JA2KTP	YV5LI	W8EOG	N8KOJ
K8CCV	JA4HXF		W9KM	NN7A
K9ARZ	JA7GAP	109	WA4YYM	NT6AA
KA4H	JE3CHA	4Z4KX	WA5YNB	OZ1OXQ
KB2HK	JF1KKV	AA4MD	WA7BNM	PJ2HB
KI7M	JH8FIH	AA4ZK	WA8LRW	PV8RR
KJ4YLO	JJ2VLY	AA8BN	WB2UFF	S51DD
N1KM	JM1GAW	AF8C	WI7N	SP5LKJ
N2FY	JP1NWZ	AJ9K	WY7FD	SP7QHR
N3BOB	JR0QFA	CT1CQK	ZS2ACP	VU2IT
N5RN	JR1RCQ	DL1TPY		VU2OT

W0YDB	KR9A	JH8DEH	XE1V	N4FN
W2GHD	N2RD	K0CF	YB0JH	N5OGP
W2ZK	N3YZ	K0GEO	YC0LOW	N6DW
W4EW	N4KZ	K0GK	YO3NL	N6VNI
W4GD	N4WD	K0HQW	ZL1BBW	N7KDT
W4PGC	N5PO	K1EP		N7NM
W4PGM	N5TF	K2JK	105	N9AX
W4WNT	N6ER	K4GZ	9L1JT	NF7D
W8LYJ	N6JM	K4RP	AA4UJ	NS7K
W8ZR	N7VPN	K5MMH	AA4XR	OV5O
WA3FRP	ND9M	K7CTV	AA5H	PA2SWL
WU4B	NQ2O	K7PT	AB2NI	R3LO
WX0Z	NQ4A	K8CJY	AC5O	RA6XV
WY2E	OH3FVP	K8FB	AH7G	SM0EUI
XE1OX	OZ2TF	K9SUH	DJ8KM	UQ2GM
	SM3JLA	KB9AIT	DL6DK	VA7DX
107	SP9IZV	KC4PX	DL9NDV	VE3MSK
AD5MD	SV2DSJ	KD3UY	EA1AZ	VE9RJ
AI9U	UR4CW	KE6V	EA1T	VY2RU
AJ4IM	UR4IOR	KF8VX	EA5XV	W1DAR
DK3TL	VR2XYL	KJ6ZH	EI9FVB	W1KMA
DL2KUA	W1XY	KK8MM	F8GB	W1USN
DL6ZNG	W3UI	LY2PAQ	HB9CA	W3DAD
EA1AA	W3UTD	LZ1HY	IK0WMJ	W4CU
F1ICS	W6BBS	M0RTP	IK2DJV	W4RQ
F8DZY	W7SMW	N0MR	IK4DCW	W4WIV
G0RPM	W8LWU	N4LB	IZ5IMB	W5ADH
G0THF	WA2PNI	N4WMB	JA6MWF	W6SIY
G3RZP	WA9IVH	N8TFD	JG3KMT	W7MD
HA8UB	WB9UQE	N9OK	JH1OGT	W7VS
I4FGG	WF8R	NA7RH	JH2AHZ	W8EH
I5XFD	WM4AA	NK7L	JH3AEF	WA0GOZ
IK6CGO	WY9V	NT4K	K2IUK	WA4HXC
JA1ASO	YB0WWL	NZ0O	K4RM	WA4RTE
JA1CJO	YO5OEF	OE9SLH	K4VMT	WA8A
JA3GAK		OZ7BQ	K5FXB	WA9SQH
JA7XRO	106	RC3D	K6EGF	WB0CHS
JH1AQN	AA8SW	RV6ARZ	K7AWB	WB3AVD
JH1XFR	AB6FI	SA0AQT	K7KJ	WB4KZW
JM1JZN	DL7AB	TF3T	KB1OIQ	WB5IUU
JM7TKK	DM3CW	W0TF	KB5HC	WD1X
JP1GUW	EA2CLU	W1EBM	KB8ZUN	WK1J
K2GW	EA3LX	W1ECI	KE7UL	WO7V
K2IE	EI4DQ	W1PY	KE8G	XE3ARV
K2WR	F5EOT	W2IY	KJ6YK	YO6BHN
K5ZO	F5RZJ	W3DIY	KL7XO	
K6AHG	GM0NAI	W4LZW	KM4AF	104
K8POM	HB9ECS	W4OEP	KN7K	AA6PG
K8ZEE	HB9HFM	W5GML	KO4XM	AA6XV
K9AAN	HC4L	W5PD	KR4U	AF6O
K9XR	HG6IA	W6TGI	LU9DO	DL6DCD
KI0G	HL1XP	W9FY	LX1EL	DS3EXX
KI2D	HL4CBX	WA3DCG	LY3BA	EA4DEI
KI7HO	IK5TBK	WA6HBR	N1XL	F5VML
KM2O	IZ4COT	WB8RFB	N2PL	G4GEE
KM4FI	JA6ENL	WD3P	N3AS	GU0SUP
KP4N	JF1CZQ	WS7W	N3ZA	HA0EQ

I3DUB	W7TUS	KN4T	YO4AUP	KO4PRE
IK4QJH	W8PAT	KP4GC	ZL1ANJ	KU0S
IV3EHH	WA4TMJ	KS4Q	ZL2AO	KV1M
IZ8EYN	WB6MBF	KT6LA	ZS1DX	KW4BY
IZ8FDH	WB9TFH	KV8P		LA9PHA
JA1KXY	WQ5G	KW9K	102	M0LUX
JA2DCN	WV8DX	LB8CA	AA1DN	N1EDN
JA3MIO	YL2IP	LU5OM	AA1IF	N1IN
JA4AO	YO5QAW	M0PCB	AB5YI	N2MG
JA5EEU		M5LRO	AC8TO	N3DAP
JA7TQK	103	N1KI	AD5BV	N4DJT
JE4WOK	AC4CA	N2QLT	AD7XG	N4PAJ
JO4JDU	AC6ZM	N2ZL	CT1YH	N8WL
JQ3TAN	AD0TR	N3NVA	DL2XN	N9HUK
JR2PAU	AF3X	N4LS	DL5PW	NA3M
K0FF	DJ3NK	N4ST	DS5JMG	NG4P
K2DF	DJ3XG	N5RA	EI5JL	NI7F
K2RNY	DL1ET	N5YY	F4HAB	NX3Y
K4KFH	DL1SVA	N6IBP	G0UGO	NZ3L
K5RKS	DS4DBF	N6MXU	G0UII	PF7M
K6JAD	EA4S	NA8W	G3JFC	PR7AB
K6MYC	EI5GM	NC6RJ	G4AYU	SM7TZK
K8TS	EI8IQ	NM4Q	G8GNI	UA2CZ
K9BJM	F3SJ	NX1P	HC1HC	UN7BK
K9JDP	G3VDB	OH3PYY	I7LGM	UX4UM
KA5JSM	GM4ELV	RA3LD	IK2ECP	VA1SEA
KA5RNH	HA0IT	RM4C	JA3VQW	VA3OKG
KE1B	HL9HH	RZ6LB	JH1GNU	VA7FC
KF0RQ	I0BJV	VE1GBD	JJ1KZZ	VE3KKB
KF6E	I6XGZ	VE1HA	JJ2BLV	VR2ZXP
KF8AR	IS0/YO3RA	VE3GLA	JO1MOS	VU2LBW
KH6XT	IS0MVE	VE3MIS	JO3WHB	VU2MB
KI4RD	JA8AQ	W1VEM	K0GX	W0FF
KK4MA	JA9IPF	W3ATV	K0ZM	W0PXM
LA3ANA	JE4FNC	W4TJE	K1CN	W2NY
LA9VBA	JF1MTV	W5SG	K1HC	W4PM
LZ1SW	JH2CYU	W6OP	K2FJ	W5TZN
N3COB	JH5OTE	W6SA	K2MHE	W7YED
N3PS	JH7WQX	W6SFK	K3IU	W8DN
N3STZ	JK2VOC	W7IH	K4CKS	W9LU
N4PF	K1HDO	W7PC	K4KZM	WA6VZN
N7YQ	K1ROA	W8KTH	K4NI	WA8COB
N8PE	K2YEH	W8LAQ	K4OP	WM0G
NE6V	K3GP	WA7IHN	K4VUD	WS7I
NY2E	K3HPA	WA8MOA	K5GZR	YL3GDM
OH2LHE	K4MQL	WA9BXB	K5PV	YO8PS
ON6NG	K5NV*	WB2EBS	K6VMV	YV1AVO
PY2CP	K7RAN	WB2GMY	K9QA	
PY2OP	K8CR	WB3HLH	K9WA	101
RW3QHN	K8TLC	WB5TOI	KA4JNB	5P5Q
SL0AS	KA2F	WB8PKK	KC4GKY	AA2VG
SM5NAS	KB1CQ	WD4AFY	KD2SY	AE0MO
TI4SU	KC1XX	WE9M	KE3ZT	AF3K
VR2KF	KD1AB	WK5X	KE5FXE	C93PA
W1TW	KF8PD	WN5K	KK4CLY	DJ3GZ
W5AP	KI0KN	YB9AY	KM8V	DK8IZ
W6FUV	KI5GF	YC6JRT	KM9Y	DM5TI

DO5SB	PA1NHZ	HB9CZF	N3TTT	WD1Z
DS2BGV	RW9LL	HL4XM	N4GOA	WI0E
EI3ISB	TF3IRA	I8YAV	N4UP	WI7P
EI6GF	UA3FT	IK2HLM	N4UY	WK3A
EW2CR	UA3UCD	IZ4IRO	N5CR	WM1L
F2AR	UA9CIM	JA1BDF	N6DKZ	WM9Q
F6ARS	UR3HC	JA1EYN	N7ZT	YB0MWM
F8DHE	UY5AR	JA2ODB	N9AKR	YB1BML
G4DDL	V31CQ	JA3BKP	NA9L	YB2IQ
G4VWI	VE6TL	JF3MKC	NE3K	YB2TS
GW4TSG	VK3FNJ	JH1HRJ	NJ4V	YO2OXD
GW4WND	VU3CAU	JH8CFZ	NN9X	YO3GJC
HB9BNQ	W3GP	JJ1IRS	NO2EL	YO6HSU
HI3I	W5TSB	JQ1YIW	OE6BME	YU1LD
HL1SX	W5TUF	JR1AHH	OM4KW	ZL3PAH
I2YPY	W6QL	JR1LZK	OZ1ZD	
IK2WSO	W7WT	JR3ADB	PA3GFE	
JA1BJI	W8JY	K0MB	R3DL	
JA3WMS	W9IE	K1YWW	RA3UT	
JA5ALE	W9QO	K2ITT	RA6XB	
JA5XPD	WA3YGQ	K2RKJ	SM7DXQ	
JA8ANQ	WA7HR	K2ZD	SP5BMU	
JH2AJY	WB8TGY	K3CWF	SP5ZCC	
JM1SMY	WD4OHD	K3RRR	SQ5M	
JR3TOE	WF3M	K3SUK	SV8RMA	
JS6QOM	YB0AI	K4AEN	TA2AD	
K0HIP	YB1AYO	K4HEB	UA4PT	
K0SQ	YL7X	K4LRX	UX5XK	
K1JE	ZL2LW	K5HX	VA2GA	
K1YA	ZL3NW	K6JBH	VA3VF	
K2KNB	ZL3TE	K7NW	VE2ACP	
K2RB		K8ESQ	VP5JM	
K2UT	100	K8MRT	VR2IL	
K4TOR	5N0ETP	K8OS	VU2DED	
K8ARY	A41ZZ	K9CHP	W0GXA	
K9EA	A71XX	KB2S	W1FP	
KA1NCN	AA2MF	KB3KJ	W1KQ	
KA4IWG	AA2T	KB4CP	W2FS	
KB5NJD	AB4KJ	KB4FB	W2RL	
KB8DID	AF8P	KC4DM	W3EP*	
KC0V	AI4EY	KC8YG	W4LEW	
KD0AA	AK4N	KE5MMT	W4MIR	
KD1YV	AK9B	KF9WV	W4UT	
KE9UA	DG0OAT	KG6KH	W4YR	
KJ4FZ	DL2YBG	KI6PG	W5IO	
KK4ODQ	DL3XAC	KJ4UZU	W5WS	
KM4EX	DL6ZBN	KN4OK	W6OU	
KU9S	DO2UDX	KU4A	W6PG	
KZ1X	EA2RY	KX5U	W7NUW	
LA9JKA	EA4D	LA8W	W9COS	
N0IRM	EI5GSB	MW2I	WA9EZT	
N1GNB	ES7GN	N1GFV	WB2AMU	
N4VG	F1OBJ	N2JNE	WB2BXO	
N6RVI	G4PUQ	N2XTT	WB2MKX	
N8LIQ	G4SGX	N3CAL	WB4JPG	
NE5W	GI0VJE	N3MX	WB6RAB	
NK6O	GM0VIT	N3PV	WD0AJG	