

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 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
357 W1NH	OZ1LO SM4HCM	SM6GZ W8UVZ	335 GM3POI JA1BK JA8EAT	W5ZN
355 EA8AK	346 4X4DK I4AVG	340 KG4W N6AR	N2TK SP3EPK UA6A	330 9A7V CT1EEB
354 K4MQG K5UR OH1XX	JA2VPO JR2KDN SM6CVX SP2FAX	OZ3PZ UA4CC VE3EJ W3YX	W4VQ WA4FFW WD5COV	F5NTV G0JHC G4BWP GM3YTS IK4GME JA5EXW
353 JA1ELY OH2BU W9ZR	345 K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA R4GM UA3AKO	334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE W0BV	K6SSS K7ZV RU3DX SM5KNV SV1FJA VA3DX W2YC YO3APJ
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	342 JA2JPA K4ESE R7LV W1MK	336 HA8IE JA2WYN N3XX SM3GSK	331 K1UO N1RJ N8DX OE3GCU	328 G3KMA GM0GAV HA5WA HB9BGV
349 HA0DU SP5EWY W4AG	341 DJ6RX			

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 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 K5MC K9MM KV7K N4NX NM6V PY7DJ R8TX SM6BG 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 JI2KXK 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 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 W7ZJ	HB9BUN JA7LMZ JE2DZC JH4HMG JH7RXU K7PI KD3CQ LU3CQ N5MOA N5ORT N9RD NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B XE2X YL2KF	W8WEJ 230 JA6VQA JG1WSC J11DHY K0KVR K1EFI K4XR KD0PO KS1J N1IBM N5JB VE7JO W5ODD ZL2IFB	JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR RN8W SP8HKT VE3CRG W1SKU	CT1EAV DL6MRS DS5RNM JA8EKU JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK W1LW WA4LOX
238 AA7G IZ0RVI JH3CUL K2SX K7SP N9RS VE7DX WA2NPD	234 CT1FCX CT1FPQ IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK	229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO W2GG 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 BH4QYX GM3YOR IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K1USA K8FH KG6I N1ZZ OE3EVA W4ABW WB8BPU	233 JA5FBZ JI8DGO K2UR KQ3F KT1V N8BJQ RA3SS	228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1BNC JH1HHC K4RG K6EME N3RC N4LR OZ7OP W0CP W4HG	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	222 EA5RU HB9AAQ HB9CEX HB9TKS IK0PEA IZ8IEV JR6FC K4WM KF7PG N6MZ NA5DX OE8SPW W3BW W5VQ
236 DL1AP HB0CC JA7QFU JJ1DWT K1ESE K4ZO K9FN K9YC LA5YJ N4RWG OZ1LCG SM3CBR SM5CAK W1ZT WE0Q	232 DL1DUO F3SG JH4ALY K2KA LA9VFA N2BJ NX7K RL3FA S54A W0LS	227 AA8CH DL6JZ EI2GLB F6FXU HL2WA IK4FNF JA2CXF	224 AI2Q	221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP JR6LLN KI0KB
235 DO4DXA	231 9H1SP K1ZE K3VAT K4PB W1TO W6TC			

N0KV N4TV OE1AZS PA3CSR SM3LGO W0VX WB3JFS WS5W WW3S	W1RR W6AUG W6RKC W7HPW	213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7KY K3OX N8II NN4R NR4M SP7CVW	KT2E N2NS N4TL N5BO N9JV OH1JP W4WT W9JJB WA5POK WB5XX	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	212 DL1HRN DL1TRK IZ5JMZ JR3HZW K2AX K7VV K7WJB KJ9C KL0S NN4SS RD3BD SV1GRE W3RJW	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	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	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 YO3CD	210 AA8OY BH4IGO DJ5DT JA2XCR JA7LGE JG3LGD JG4AKL K5VWW K7ORK K8KS K9TF KG9Z	207 AA5AT HB9BAT IV3TDM	204 AI6Z JA8JO JH4FEB K1CA K9GWH OH8NW SV1VS W2/CT1GIF W6KK
217 EA1RT IK2ANI JA1GRM JA3LDH JA5JUG JK1GOK JR2UBS JR5JAQ K3FRK K6DT OE3SGU OE5RLM OH6NIO ON6AA				203 DJ3GW EA8AKN HA7UW

IK0HFO	R3IS	196	ND5S	JR1MLU
IK4HPU	VU2CPL	F5PBM	PA0JSE	K4MZ
JA3MHA	W2OIB	G3SVD	SM4CTI	KQ4EE
K1IT	W5GZ	JA1VLK	SM7BHH	N6GP
K3GT	W8GNM	JR7XOD	SP5ES	OZ8SW
K3OSX	W8WRP	K2BA	SV2DGH	SP3EPG
LA6OP	WB1S	K4CM	W5WP	UA0FO
N0RN	WZ8P	K5FNQ	YL3DQ	W7SLB
N6HY	XE1H	K8BL		
SV9COL		KA1ERL	192	189
VE6LB	199	KK1W	AE6Y	AA4NC
VE7UF	I4MKN	N7WS	I2YWR	JA1DM*
VK3BDX	IK5RUN	NA2AA	IK5ZUK	JA1OVD
W8KA	JH4GJR	PY1OL	JE8TGI	K2QMF
	K1BZ	UT7KF	K6PJ	K4JC
202	K2XF	W2FV	K8UT	K5CD
JA8BNP	KJ6P	W2YE	N7BT	K8TVD
JH4ADK	SM4BZH	W7AH	OH8LXT	N0RB
JH7BKN	UA0SC	WV4TN	W1EQ	NI5F
K2FW	W2GW		W4GIW	OH3OJ
K6TAR	W3OA	195	W4RFZ	PA5TT
K6YUI	WA1S	A92BE	W5ZO	PY2VA
PY5CC	ZL4AS	AA8LL	W6RS	RA3QUA
SM3PZG	ZS1A	AC6T	WA4BIM	SM2DMU
SM5ENX		DS5TOS	WP3R	SM7GIB
W5BPT	198	HB9DOT	YO3DDZ	SP9WZS
WA4CEM	CT3KN	IZ2FOS		W0YK
WD9DZV	DF7EE	K4MF	191	W2LE
	HK4SAN	K4OY	AD6W	W5KFT
201	K0DEW	K9GA	IK5CBE	WB2AA
CT1BWU	K5GH	KX4TT	IT9BLB	WT3Q
F6ECI	NA4EA	N1NY	JA1PMN	
HK1MW	SP1DSZ	N8SNM	JH1AGU	188
JA1LSP	UA3O	NA2P	K0GY	JA2FGL
JE1CTA	W2PS	SM5CLE	K1TO	JN1GTG
JG8FWH	W9PZT	TI5RLI	K1ZN	K0TV
K1JIU	WB4YDL	W4RDX	K4AV	K7WE
K8YTO	WD4LBR	W8FIB	K7FL	KA4RRU
N9SF		WD0DAN	K9OR	W4GE
SP6JIU	197	YO9FNP	KF0LA	W7HR
TI5KD	DL9FCY		KR2Q	W7IV
VE3YF	IK2SGB	194	KU4BP	ZL4TT
W2CG	JA2IYJ	J11NJC	N8NN	ZP5JCY
W6AEA	JA3CMD	M0CSD	NX1L	
	JA8XQI	N1PM	SV1FJP	187
200	K4CMS	VK3NX	W3ABT	DH0GSU
9K2OD	K6UT	W5CWQ	W4UCK	IK4AUY
IK5MDF	K7UR	W6ENZ	WC1M	IT9CVO
JA1SKE	KD6UO	YT2AA	ZS6WB	JA0LFV
JA4XH	KM4H			JA2VMU
JA7JI	KZ0X	193	190	JR3UIC
JH0RVY	N0AH	IK0LNN	7K1PTT	K3PP
K0KG	N1RK	JR4LNG	EA2AFV	K4WZ
K7ZBV	N7HN	K5FZ	EW3CW	K8DV
K8ZH	NG0T	K6UM	JA2KSP	OH7TV
K9ALP	PZ5RA	N1JP	JH1APK	OM7CA
N4MHQ	R9MJ	N5UW	JJ1SKG	VE6SV

W3MR	W9FI	OZ1IKY	OE2SCM	N6PAT
	WA0RVK	UT6UA	RW4CY	N6ZN
186		W0GG	SP5JXK	NY3C
G3NDC	183	WY1G	VE6AX	SM5CZK
IT9GSF	4Z4DX		VK4CAG	SM7NDX
JE8CLT	DJ5IO	180	W6DR	VK2DX
JH2AYB	DL1KUR	E21EIC	WA5IPS	W1NT
JH4CBM	EA1JO	EC1A	WF2S	W7CD
JR1BLX	EA3GHZ	I0OSI		ZL3JT
JR7MAZ	EA8RR	IK7FPV	177	
KD2T	F3AT	IZ4DPV	AA6RR	174
NE0DX	GU4YOX	JA1DOT	DL6LIM	DS4AOW
OZ8RO	HB9BXE	JA4VUQ	I8LWL	IZ5BAM
SM3PHM	HL3GOB	JA6GIJ	IK0EFR	JA7SFD
W1ITU	IK5PWN	JA7IC	JA1IOA	JM1BPP
W4SK	JA1DOF	JE2HCJ	JA4DHN	K3XO
W5PF	JA8NFV	K0LU	JR6GIM	K9HQM
W8JRK	JA9CWJ	K0TPP	K0GD	K9SG
WA7TZY	JQ6RUP	K2CBI	K5UZ	KB6CIO
XE1J*	K8AJS	OZ7FOC	KA2CYN	N1NK
	N6PSE	SV1BYI	LA8HGA	N6NU
185	NA2U	W2KA	N6RV	OH4UI
AD7L	NA5Q	W5JAY	NT2A	PA2TMS
DK4TP	ON6YH	W5WQN	RA9SC	SV3KH
DL8PG	R0FA	W8LMG	VE3OI	SV9AHZ
EA1KK	R9JX	WK7E	WD9Q	TZ4AM
EW1P	W6JTI		WQ7B	WA8MCD
HB9DHG	W8IQ	179		WB2WPM
HI3T	W8OP	DL2CHN	176	WC2K
JA1FJJ	WA4TII	DS3HWS	CU2CE	
JA8UIV		HB9EFK	IW1QN	173
JR4VMS	182	IW3GJF	JA5SUD	4X6ZK
K0MD	F6DBX	JE3CYW	K1RI	AG1A
K1RV	I5OYY	JF1RYU	K4VIG	K1EO
K4KGG	K7UA	JG3SKK	KB4MRX	KI4GE
K8RYU	KE1F	JH1RFM	KJ7M	KK4OK
NA2X	ND3F	K7ACZ	KZ1W	N0OK
W5QM	NW6S	KA6BIM	N3ND	N5WA
W8HB	NY2NY	KD8RQE	PY2WC	NJ3K
	SV2DCD	N7TR	VE7VV	S57AT
184	VU2NKS	W2WC	W3FI	SM6CLU
AK1L	W1PX	W5GAI	W3TN	W3BJ
EA4CQT	W5DNT	WE4S	W9DX	WA4DOU
IZ2AMW	W7MEM	WT4Q	WA1FCN	WF4G
IZ5RVG	XE2CQ	YO4DW	WA1PMA	
JA6CBG	ZS2DL	ZL1BYZ	WA4JQS	172
JA6TMU				AB2E
K3GGN	181	178	175	JL3JTD
K5KG	AA4DO	CT1ESO	JA1JAT	K4WNW
K8NK	DL6CNG	I0MWI	JA3BXF	KY6R
KI4DLS	EI2JD	IK8YTA	JA8LRG	KZ5DX
KO8SCA	JH1ROJ	IV3TMV	JH1DGQ	N4JT
N2RJ	JK1BSM	JE8LWZ	JM2RUV	N4OA
N6PM	K1RH	K2HAT	K0EOO	N5ET
SM5FWW	K3EA	KM6HB	K4BYN	N6RK
SV1IW	KE4UW	N0AMI	KW4MM	W2NO
W1UE	LU6ETB	N3NR	N4PL	W3FOX

W3MF	ON4ANN	HC1BI	NC4RB	W6YOO
W4DAO	UN3GX	HI8R	NY4G	W8CD
W4WJ	W5LO	JF3PNQ	OZ5NJ	W8HMK
W5JMW	168	JS6TWW	VK6LC	W8IW
YB1UUN	DL2NOM	K5CR	W5GA	XE1RBV
171	EA5OX	K7JH	WA2UKA	160
DL7JRD	I8DVJ	LX1KC	WA8JBG	AB4UF
G3UAS	JA2FSM	N2GZ	YO3AIS	DL7UPN
IU0LFQ	JE2UFF	N8HRZ	162	DM2RM
JA1QIW	K1ACL	OE3KLU	E73D	F9XL
JH1IED	K7HC	OK2BUZ	IK2VUC	JA0GCI
JH1WJR	KJ7TEA	SV1GYG	IT9DAA	JA1MZL
JK1UVP	N8AGU	W2YR	JA2NQG	JA4HAW
JR8AMF	SM4OLL	W9MO	JA8BZL	JA5PUL
K1JD	SP5MXZ	WA0SXV	K1DJ	JA7XBG
K9RR	WA4AFE	WA4VA	K2AT	JF2WGN
KU2A	167	WA5LFD	K2RU	JH1DGJ
N4UOZ	AA7XT	164	K4JKB	JH3FHQ
N6UK	CU3EQ	DJ1TO	K4MM	JJ1BMB
W1OP	DL3KZA	DL5XL	K5RJ	JR3XUH
W4CCS	I0KRP	EW1KP	KT2C	KI4WCQ
W4NJ	JA3FHL	HA5BSW	LU2AH	KW4V
W7WZ	JA5BGA	HA5WG	N2ZA	LA5SJA
W9BEA	JA5NPV	IV3BKH	N9OY	N2BT
170	JA9CG	JA9KRO	NA5Z	N3RR
BA4MY	JH1APZ	JF1LZQ	W1YRC	N3XM
EA2AA	JL2JVX	JH1RGG	W2OR	ND6G
IT9ODQ	KQ1F	JH2HFD	W6WA	TA1CM
JA3MF	LU2CC	K9UQN	W8PC	W0KCJ
JA3RQ	N4AL	KA9OKH	WB0N	W6CUA
JA6SRB	R5QA	KK4OW	WW1N	WW4LL
JE1PHH	RA3LAL	LU2DSL	161	YO4AUL
K0DD	RL3AA	LZ2ZG	AJ4A	159
KB9DAK	WA8CDU	N8OQ	E74A	9M6YBG
KD1F	166	N8PCN	JA1BPA	AH0U
KE1VT	DL1QQ	PA0TCA	JA1SDV	DL1MEV
KH2L	E70A	RA3BL	JF7RJM	F5NBX
N0ABA	G3WW	SM6WET	JH0NOS	HB9DDM
N7KO	HB9DVZ	VE1OP	K3MD	IK1UGX
NO9E	I2DMI	VR2MY	K3WGR	IK8UHA
OE2GEN	IZ4DIW	W1JA	K4HMB	JA3NHL
PY2DS	JA4KDT	W3HKK	K5IB	JH1ACA
W4HZ	JA7BEW	WB8BZK	K8CC	JH1IAQ
WB6JXJ	K8ME	XE1MEX	KC6X	JK1TCV
YO2CMI	KN6KI	163	N3HBX	K2TA
169	W3BNN	AA4FU	N6IE	K4YJ
G3WGN	W9JA	FG5FR	N6TR	K5RA
IT9AAI	WB7QXU	IW0BYL	N8NA	LZ2JF
K2RET	WC4B	JA0KJD	NK0S	N4QM
K3PU	165	JA8FFM	SM0DSF	N4TOL
K8OM	AA3LX	JG3RWX	SM5ARL	N6MA
KT1J	FG8OJ	J12EMF	W1LY	NA6O
NF1G	HB9MFM	KF9UG	W4KA	OZ4VW
NX8Y		KG8CW	W5VU	SP6AXW
		KK0DX	W6DX	W7VY

WV9L	WM0X ZL3RJ	153 7K3QPL AA9GR EB3CW F4FLF G0VXE IU8FRE JA0NPQ JA1QOQ JA2BUR JA7GYP JH3HTD K1YT K4EU K7GA KH6AT N2FF NA6MG NK7C OZ7DN SM6AOU VE1DUN VE3YXO W5ZPA W8MIL W9GE W9SE WN9O	EI9E G4XEE HL2KV HP2AT JA6COW JR7ILA K1AJ K1PL K2TER K3FM K4ST KD4OS KM1C N3MK N4HID N9DR NF4A UA1CEI VA3XQ VK2GR W0JM W2TB W4WW W8VVG WA0ROI YO6HOY	SM2GCQ W1JGS W4NBS W9GXR WA2MZX WA4MME WB4JTT WV2I
158 AA8R BA7IO DL4NBE DL5KUA DL9DRA JA1SHE JA2ITK K4XU LA2GH N2ZZ N4DWK R7LP RU3UR W1GQ W2RA WO3Z WS1L	155 5T5PA 9A1A AA4DD EA3EQT GM0AXY JH1SJN JH1VHU JR1DUP K2DC KR6C LA2RZ N1MD N3IQ N4IG N8AYY N8WRL N9XX OM8FR PA7RA RN3QO SV8LMQ UN3G W0NFL W0VHF W1AW W2HUG W4HOG W7IUO WO9S	152 AF2C EU1DX G3LUW IK0CHU JA6GPR JR1WCT K4ZA K9JU KS4S LB7ZG SM2HWG VE3EK VE7XT W0LYI W1LE W1MR W1NK W3NS W4NZC W4TNX W7FI W7IB	150 AL7R CT1FUH DK5RL DL2JIM DL2VPO DL7AA F6HLC HB9DQV IK2RPE IZ0CKJ JA0PE JA3EOP JA9AA JE1VTZ JF2VAX JH2VVH K1VI K2OP K4NC K5DHY K8MN KA9UVY N0STL N2SQW N4PYI N6WT ND0F NU4I NZ2L	149 AB1J AL7TC IZ4MJP JA0LXP JA1ADN JA1SGU JA4ZA K0GW K0KP K3NF K4WY K8AV KM2E N7MB N9IO NJ7G NX2X ON5TW SM5FQQ W6RFF W6ZO WB0O WW1WW YB2TX
157 CT1DKS G4AFJ JA2EJI JR4VEV K2CDJ K7LFY K8WVA N0VVV NJ6D UA4PK VE3UZ W4PV W5PJR W5RF W7RN W8BBQ W9HBH ZP5ALI ZS2EZ	154 DK3BK G4FTC JH7LBE K0THN K4QD K4WFM K8RF KE4VU KG4CUY KK4HD RA0BA RD9M RT5A SM5BEU SP6EY W2UB W2YK W3KHZ W4UEF W5KI W6NK W8MHW	151 AA4FL EA7OH EI3IO		148 EC1AIJ HA5PT IZ4AIB JA1CZI JA6OXT JI6IHG JN3RBE JT1BV K4WJ K7CMZ N4NW N6IG NG0G VE1VOX W4MA W8WFN W9CSX WB2HJV WB3LHD WS1E
156 DK0EE JA1QGC JA4VLK JA5BZL JI1WLL JK1UNZ K6XN KK9H N4IQ NA9Q SP5ELW W2FK W7CA WB2AQC				

147	W6OUL	N1KC	JH7LVK	K4JWA
AB4SF	W7TSQ	N4SC	K0PJ	K5HK
AD6ZJ	W8QZA/QRP	N7OJ	K1ZJA	KE8UM
DK6OR	W9MJ	ND3L	K3NQ	KP4P
DL6KY	W9MR	NZ3O	K6IPM	LU8ADX
EA5BZS	W9ZCL	R7LA	N1BZ	N2PK
HL4CJG	WA2USA	W0QQ	NY9H	N3TR
IK4HLO	WA9DU	W2ZI	W1DXH	N4XYZ
IK8VRH	WC3W	W6BCQ	W2TX	N6QI
IZ0BTV	ZS6UT	W7QDM	W3DQS	NM1G
JA4EVN		W8SAX	W9IL	NN7X
JA6NQT	145	WA1YTW	W9ZJ	NU1B
JH1UBK	AA0KA	WC4H	WQ8T	RA0R
JH8BOE	DL2RD		WT9U	SM0XBI
K2CYE	DL7UGO	143		VA7QI
K3PT	DL9GTB	AC6DD	141	W3AKD
K6ME	EI6IZ	AI8P	DF2UH	W6GJB
KB1W	F6KOP	DJ3AS	DL9ABM	YL2AP
KD7H	IK8GJR	IK1IYU	EI4BZ	
LA5XGA	IW0HOU	IK2RZP	I0LYO	139
N7MQ	IZ0NRG	JA6IVR	JH1BAM	CT3DZ
N7TP	K1XV	JA7FWR	JH6DUL	IK0ZIO
NV4B	K4WES	JA9APM	JH6WMJ	JF0JYR
V51B	K4ZNC	JH2XQY	JJ1OKK	JF2OZH
VA3IC	K5EWJ	JR1CAD	K0OK	JH0AWC
W1WEF	K8SIA	K2CS	K3WWT	K3SW
W6BK	KB7V	K2SN	KB1HY	K3SX
W7EYE	KD5R	K3DFL	LU2BA	K4KAL
WF5E	N4UFP	K4EB	N4MI	K6LPO
WS1F	SM7CQY	K7KB	N6AA	KE4S
	UA5D	K8ZZU	N7DED	KH6DX
146	W0SR	KW9U	RW4NJ	KL7J
DD0VU	W1ER	N9KW	SP7ICE	KS3L
DK3QM	W2FB	N9PGG	VE1JBC	LA9FFA
IK2DZN	WA5NFC	NA9A	VK6OZ	N1IA
JA1WTI	WB6CJT	NU4Y	W0MU	N6KZ
JH3FUK	YB2DX	NW8F	W0RXL	N8NB
JH3GCN		OZ1HPS	W1DYJ	NN6K
K4MX	144	RA3CO	W2HUV	PP1CZ
K4ZRJ	AA0MZ	RX3BP	WA4NUF	W0TM
K6LRN	AA6PI	UA9AM	WE9A	W5THT
KI1U	AB5A	US2WU	WQ6Q	WF1H
KK0M	AB5GU	W1ENE		WQ5R
KK6T	AK5Q	W2NRA	140	XE1FAS
LX1CW	EA7DUD	W3DM	AA4US	
N5CQ	F1RAF	W3IZ	AB0RX	138
N7JB	HL2EIZ	W9HZ	AD3C	AA4UC
N9JR	IZ7AUH	WB2GOK	AG5W	AA5B
PY2IQ	JA0KJE	WC2L	EA3CZM	AC4VM
SP3F	JA1UXC		ER0FEO	EW1LM
VE3UTT	JH1EIG	142	IK0WRB	HB9AZO
VR2CH	JH2RMU	AG4Q	IK7YZG	HK3PJ
W0MS*	JR1IZM	HL2DBP	IV3VCS	IK2HDF
W1NR	K0LB	HL3AMO	JA3EY	JA3XNH
W2JLK	KA0CDN	IK2WPO	JA7KQC	JF1WLK
W4DEE	KE5PO*	JE2VLG	JE1DXC	K2MK
W6AER	KM8AM	JH1VUO	K2HT	K2WK

KE7LU	DL5SBA	N4QWZ	JA0AXV	UA3SAQ
KF4VTT	HL4CCM	N9MB	JA1FUI	UA9AGX
N2KX	IK8PGE	OE3EPW	JA2BL	VA7XX
N7WO	IZ7EVZ	PT7CB	JA6BF	W0UVC
N8GP	J68HZ	SP7ASZ	JH4RLY	W0ZT
NU1T	JA3UCO	W0UC	JM3GXU	W5RYA
OZ0J	JA3WLN	W5BN	K2KIB	W5WLA
SP5IXS	JA7NX	W6FL	K5ZQ	W7IU
TF4M	JP7FSO	WA3IIA	K8EB	W9RB
W0QD	K0SRL	WA3PBL	K8KY	YB4CHP
W1ZZ	K1SM	WB2NPY	KO1H	
W2PP	K1TWF	WB4CW	KZ9DX	131
W4DN	K2AJY	WK8A	N4AOE	AA4EA
W8TM	K4AMC	ZS1J	N4DJ	DJ2RB
WA2BOT	K4KAY		N4HN	DL2TOS
WB2RAJ	K4YP	134	N8KU	DL4ZAB
WI2E	K5YU	AG7N	NT5O	F2NH
WN9Q	K8CS	CT1BWW	NW7US	IZ3ETU
WT2P	K8JE	CT3CD	PY2DV	JF2QNM
XE1ILI	K8KI	DF3OL	VE3SKX	JL6USD
YO3VU	KC2STA	DK2BI	VK5GR	JM1VRW
	KM1A	HB0WR	VU2MSA	K1UM
137	LA6MP	HL2CFY	W6MVW	K6IPV
AA9RR	N7NH	IZ1JMN	W7JET	K7LAZ
DL2VWR	NE4A	JA1EMQ	W8JA	K8JP
EA4UV	NU1O	JA2OLJ		KK7YC
G8AJM	RL3BZ	JA8ALB	132	KM4A
HB9ACC	W1FA	JE1WZB	9AY2K	KR4BD
IK3DVY	W1MRH	JG3HBO	AA3TH	KX6C
JA1KPH	W2PD	K0XP	AE5B	N0TK
JA9GPG	W5JE	K4MV	CT7ANG	N3HYB
JH1ERJ	W6DCK	K8QKY	DJ0AH	N6FS
JO4CFV	WB0TVY	KC5LK	DL3IAC	ND7K
K5ALQ	WD8LTM	KF2TI	EA5RD	NT9F
K5TU	WX2CX	N2NW	FG4NO	OH2LU
KF6A		N4TD	I1CMA	RU3UN
NA1DX	135	ND4V	IV3TMM	SM6VR
NB3R	AC5AA	OE1ALW	IZ6ERS	VE7TK
NC6A	AE4CW	SM5CSS	JH8JBX	W4SD
OE5JDL	CT3FN	W1OG	JI1MNT	W7NP
SK0QO	G4FJK	W1ZS	JN3TRK	W8FAX
UT4UZ	HB9VAB	W2DXE	K4DSE	W9UM
W0JMP	HK6K	W4UFO	KJ6Y	WA6EZV
W6TK	JA3VPA	W5BK	KS4YT	WA6TQT
W7KSK	JR1JGA	W6EJJ	KV4T	WB0PWA
W7QHE	JR7GBL	WA1NXC	KW4CQ	WD8MGQ
W8UQ	K0FLY	WA3SKQ	N2XQM	WW1V
WB2KSK	K4IE	WE2N	N6VI	ZS2Y
WB3D	K5LC	YB1TJ	N8XI	
WO5I	K5QR		NA4CW	130
YV5OIE	K7LY	133	NA4MM	7J1ADJ
	K7WK	DL5JS	NG7M	AA9AA
136	KD3HN	DL8JJ	NH6T/W4	AB6BT
9H1AE	KN4JX	EA3CWK	NJ9C	DF7GG
AA6RE	KO4PY	HP3TA	NO0B	DJ4SO
AG1I	N3KN	I1YDT	S53MJ	DL9GCG
CU3EJ	N4CT	IK6COX	SM0MPV	DL9JI

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
K8YYY	SV2JU	KS4XQ	CU3AN	JH0NBN
KF4NEF	VY2MC	LA7EIA	DF3EC	JH6WDG
LU2JCW	W1PNR	M0VCB	DM5JBN	K0KM
MW0CBC	W3EF	N1SZ	F8EZE	K1QN
N3AIU	W5UE	N2SG	G3VAO	K3GO

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	J11FXS	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
OZ3SM	W4NE	JR2CFD	K7UPJ	KB8KIM
SM2EJE	W5FL	K0IIR	K8IKE	KE1IU
UA6LCN	W5MF	K1FE	K8WHA	KG6D
VE7ON	WA6JA	K1LTJ	KB0V	KK9T
VE7VF	WW8RT	KB4CRT	KB1AWM	KM1H

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	W5HNK		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
LA2IR	K8LBT	LA9XGA	WA2AOG	VE3GFN
N2SU	K9EXY	LU1FM	WB9MSM	VE7NY
N3ER	KB0EL	MM0BQI	WK1Q	VK7ZE
N4HGZ	KC2WUF	N2YBB	WW5L	VU3WEW
N4QVM	KE7PB	N6RJY	WY7M	W1RG

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	J14HKA	G0KHO
WB4FNH	W8QWI	KB5GT	J15RPT	G3VXJ
WX4TM	W9GG	K1OI	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
NC6K	JR2PZX	DL2RTL	108	W0YDB
NE1RD	K0HP	DL9QJ	7L3SQL	W2GHD
NJ1H	K1LZ	EA3BL	9A3ST	W2ZK
NR5R	K2GLS	EA3GCT	9A5SSS	W4EW
OE1JIS	K3EE	F4GVO	AC7ZG	W4GD

W4PGC	N5PO	K1EP	105	N9AX
W4PGM	N5TF	K2JK	9L1JT	NF7D
W4WNT	N6ER	K4GZ	AA4UJ	NS7K
W8LYJ	N6JM	K4RP	AA4XR	OV5O
W8ZR	N7VPN	K5MMH	AA5H	PA2SWL
WA3FRP	ND9M	K7CTV	AB2NI	R3LO
WU4B	NQ2O	K7PT	AC5O	RA6XV
WX0Z	NQ4A	K8CJY	AH7G	SM0EUI
WY2E	OH3FVP	K8FB	DJ8KM	UQ2GM
XE1OX	OZ2TF	K9SUH	DL6DK	VA7DX
	SM3JLA	KB9AIT	DL9NDV	VE3MSK
107	SP9IZV	KC4PX	EA1AZ	VE9RJ
AD5MD	SV2DSJ	KD3UY	EA1T	VY2RU
AI9U	UR4CW	KE6V	EA5XV	W1DAR
AJ4IM	UR4IOR	KF8VX	EI9FVB	W1KMA
DK3TL	VR2XYL	KJ6ZH	F8GB	W1USN
DL2KUA	W1XY	KK8MM	HB9CA	W3DAD
DL6ZNG	W3UI	LY2PAQ	IK0WMJ	W4CU
EA1AA	W3UTD	LZ1HY	IK2DJV	W4RQ
F1ICS	W6BBS	M0RTP	IK4DCW	W4WIV
F8DZY	W7SMW	N0MR	IZ5IMB	W5ADH
G0RPM	W8LWU	N4LB	JA6MWF	W6SIY
G0THF	WA2PNI	N4WMB	JG3KMT	W7MD
G3RZP	WA9IVH	N8TFD	JH1OGT	W7VS
HA8UB	WB9UQE	N9OK	JH2AHZ	W8EH
I4FGG	WF8R	NA7RH	JH3AEF	WA0GOZ
I5XFD	WM4AA	NK7L	K2IUK	WA4HXC
IK6CGO	WY9V	NT4K	K4RM	WA4RTE
JA1ASO	YB0WWL	NZ0O	K4VMT	WA8A
JA1CJO	YO5OEF	OE9SLH	K5FXB	WA9SQH
JA3GAK		OZ7BQ	K6EGF	WB0CHS
JA7XRO	106	RC3D	K7AWB	WB3AVD
JH1AQN	AA8SW	RV6ARZ	K7KJ	WB4KZW
JH1XFR	AB6FI	SA0AQT	KB1OIQ	WB5IUU
JM1JZN	DL7AB	TF3T	KB5HC	WD1X
JM7TKK	DM3CW	W0TF	KB8ZUN	WK1J
JP1GUW	EA2CLU	W1EBM	KE7UL	WO7V
K2GW	EA3LX	W1ECI	KE8G	XE3ARV
K2IE	EI4DQ	W1PY	KJ6YK	YO6BHN
K2WR	F5EOT	W2IY	KL7XO	
K5ZO	F5RZJ	W3DIY	KM4AF	104
K6AHG	GM0NAI	W4LZW	KN7K	AA6PG
K8POM	HB9ECS	W4OEP	KO4XM	AA6XV
K8ZEE	HB9HFM	W5GML	KR4U	AF6O
K9AAN	HC4L	W5PD	LU9DO	DL6DCD
K9XR	HG6IA	W6TGI	LX1EL	DS3EXX
KI0G	HL1XP	W9FY	LY3BA	EA4DEI
KI2D	HL4CBX	WA3DCG	N1XL	F5VML
KI7HO	IK5TBK	WA6HBR	N2PL	G4GEE
KM2O	IZ4COT	WB8RFB	N3AS	GU0SUP
KM4FI	JA6ENL	WD3P	N3ZA	HA0EQ
KP4N	JF1CZQ	WS7W	N4FN	I3DUB
KR9A	JH8DEH	XE1V	N5OGP	IK4QJH
N2RD	K0CF	YB0JH	N6DW	IV3EHH
N3YZ	K0GEO	YC0LOW	N6VNI	IZ8EYN
N4KZ	K0GK	YO3NL	N7KDT	IZ8FDH
N4WD	K0HQW	ZL1BBW	N7NM	JA1KXY

JA2DCN	WV8DX	LB8CA	102	M0LUX
JA3MIO	YL2IP	LU5OM	AA1DN	N1EDN
JA4AO	YO5QAW	M0PCB	AA1IF	N1IN
JA5EEU		M5LRO	AB5YI	N2MG
JA7TQK	103	N1KI	AC8TO	N3DAP
JE4WOK	AC4CA	N2QLT	AD5BV	N4DJT
JO4JDU	AC6ZM	N2ZL	AD7XG	N4PAJ
JQ3TAN	AD0TR	N3NVA	CT1YH	N8WL
JR2PAU	AF3X	N4LS	DL2XN	N9HUK
K0FF	DJ3NK	N4ST	DL5PW	NA3M
K2DF	DJ3XG	N5RA	DS5JMG	NG4P
K2RNY	DL1ET	N5YY	EI5JL	NI7F
K4KFH	DL1SVA	N6IBP	F4HAB	NX3Y
K5RKS	DS4DBF	N6MXU	G0UGO	NZ3L
K6JAD	EA4S	NA8W	G0UII	PF7M
K6MYC	EI5GM	NC6RJ	G3JFC	PR7AB
K8TS	EI8IQ	NM4Q	G4AYU	SM7TZK
K9BJM	F3SJ	NX1P	G8GNI	UA2CZ
K9JDP	G3VDB	OH3PYY	HC1HC	UN7BK
KA5JSM	GM4ELV	RA3LD	I7LGM	UX4UM
KA5RNH	HA0IT	RM4C	IK2ECP	VA1SEA
KE1B	HL9HH	RZ6LB	JA3VQW	VA3OKG
KF0RQ	I0BJV	VE1GBD	JH1GNU	VA7FC
KF6E	I6XGZ	VE1HA	JJ1KZZ	VE3KKB
KF8AR	IS0/YO3RA	VE3GLA	JJ2BLV	VR2ZXP
KH6XT	IS0MVE	VE3MIS	JO1MOS	VU2LBW
KI4RD	JA8AQ	W1VEM	JO3WHB	VU2MB
KK4MA	JA9IPF	W3ATV	K0GX	W0FF
LA3ANA	JE4FNC	W4TJE	K0ZM	W0PXM
LA9VBA	JF1MTV	W5SG	K1CN	W2NY
LZ1SW	JH2CYU	W6OP	K1HC	W4PM
N3COB	JH5OTE	W6SA	K2FJ	W5TZN
N3PS	JH7WQX	W6SFK	K2MHE	W7YED
N3STZ	JK2VOC	W7IH	K3IU	W8DN
N4PF	K1HDO	W7PC	K4CKS	W9LU
N7YQ	K1ROA	W8KTH	K4KZM	WA6VZN
N8PE	K2YEH	W8LAQ	K4NI	WA8COB
NE6V	K3GP	WA7IHN	K4OP	WM0G
NY2E	K3HPA	WA8MOA	K4VUD	WS7I
OH2LHE	K4MQL	WA9BXB	K5GZR	YL3GDM
ON6NG	K5NV*	WB2EBS	K5PV	YO8PS
PY2CP	K7RAN	WB2GMY	K6VMV	YV1AVO
PY2OP	K8CR	WB3HLH	K9QA	
RW3QHN	K8TLC	WB5TOI	K9WA	101
SL0AS	KA2F	WB8PKK	KA4JNB	5P5Q
SM5NAS	KB1CQ	WD4AFY	KC4GKY	AA2VG
TI4SU	KC1XX	WE9M	KD2SY	AE0MO
VR2KF	KD1AB	WK5X	KE3ZT	AF3K
W1TW	KF8PD	WN5K	KE5FXE	C93PA
W5AP	KI0KN	YB9AY	KK4CLY	DJ3GZ
W6FUV	KI5GF	YC6JRT	KM8V	DK8IZ
W7TUS	KN4T	YO4AUP	KM9Y	DM5TI
W8PAT	KP4GC	ZL1ANJ	KO4PRE	DO5SB
WA4TMJ	KS4Q	ZL2AO	KU0S	DS2BGV
WB6MBF	KT6LA	ZS1DX	KV1M	EI3ISB
WB9TFH	KV8P		KW4BY	EI6GF
WQ5G	KW9K		LA9PHA	EW2CR

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