

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 20 Nov 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	KG4W OH5VT PY2XB	UR0MC	OK3GU RA7A SP5CJQ W5ZN
357 W1NH	OZ1LO SM4HCM	SM5CEU SM6GZ W8UVZ	335 GM3POI JA1BK JA8EAT N2TK SP3EPK UA6A W4VQ WA4FFW WD5COV	330 9A7V CT1EEB F5NTV G0JHC G4BWP GM3YTS IK4GME IK6DLK JA5EXW K6SSS K7ZV RU3DX SM5KNV SV1FJA VA3DX W2YC YO3APJ
355 EA8AK	346 4X4DK I4AVG	340 N6AR OZ3PZ UA4CC VE3EJ W3YX	334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE W0BV	329 AA1V DJ2YA EA6SX I5KKW I5NPH JA1HGY JA4LKB N8JV OZ1CTK RA3CQ YU1FW
354 K4MQG K5UR OH1XX	JA2VPO JR2KDN SM6CVX SP2FAX			
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	
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 GM3GAV HA5WA HB9BGV
348 JA1UQP K4PI W3LPL	341 DJ6RX			

IK8HJC JF2MBF K0SR K3FN N2LT N3SL N4CH R3OK SP3E SP7GAQ SP8AJK UA3DPM W3NO W5EU	324 9A2EU CT1APE K2RR N0RR OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	RY9C SM5BFJ SP5DIR UA4LY UT9FJ WI8A	RX4HZ	310 DL5DSM 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 K2FF K4SO N3NT UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V* DF3GY F6AOJ I0WDX JA3CSZ JA5MHD JR3GWZ K4IQJ K6EID N9US R5AJ	314 AA4HP DF2UU JA2FBY JA3PIS K1ST K5EJ K6XT K9CT K9NW N5DG OE5KE SM6CTQ	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	313 DF4PL G3LZQ HB9AMO IK2YCW IK4CIE JA7MSQ JR7VHZ K0KT K1MM K9RX LA7JO LZ2JE SM6CMU W5OZI W7OM	308 AD5A EA9IE FK8CP JH4ADV K3JGJ K5ZK K8SIX N4MM N5UR SM6CCO VE3XN W1TSP W2RQ W3LL W7AO
325 AG9S IK5HHA IZ0AEG JA2QPY JA3EMU JQ3DUE K5BG KD5M N4PQX NJ6P PA3FQA R7AA RV3LO SP3IBS SP8NR W1GL W9RPM	321 E72A EA5BM F6BEE JA2JW K1ZZ K8PT N0AT N2NL N4XM NO8D SV8CS UT7UJ UY5ZZ	316 AA1QD AA6YQ DL1DUL G4PWA JA8ISU JG1ULJ K9FD* N7RT SV1RK W6XA YO5BRZ	312 DJ5FI DK5WL G3TXF G3XTT JA5IU K5KC N8TR RK4FD RX3AGD SP1S VE2Tzt WK3N	307 JA2JNA JR4OZR K3YA K4SV NQ1K OE6DK R9TO SV8BHN WB8ZRL
	320 G3TJW K1AR R9FM RU3FM	315 G4CCZ JH2TPI K0IEA K5DU K5OVC N8PR OZ1ING PY5HOT R3VA	311 DL2OE JA0UUA JA1SYY K2UO KW9A ON4AOI RN3QN	

306 AC4G DJ8NK JE2URF JH3VNC K5EK NM6V SP9JZU WB3AVN	PY7DJ R8TX SM6BGG UT2UB W8GC WP4U	298 HB9BZA JR6PGB K2VV K4HB KX4R N2TN N4QS N5TY* R5DT SM3NXS SM4DDE W1RM	294 DK5AD IK4DRR IV3JVJ JA2EPW JO7WXN LA2XPA LY1G N5ZM OE5FIN OH2BLD R6AF SM2OAN SP3CGK WA3C	W1YM W2IRT
305 F6BLP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP	301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9NU K9YY 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 NI6T VA5DX VE6WZ W1BR	289 9A4W JA2XYO JA4DLP JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM0CCM SM6DHU
304 I4LCK JF3KON K3WW K5MC N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO W3GG	300 F6DAY IZ1LBG IZ8FFA JA0EOK K2SY K4CN MD0CCE N0AV N6JV N7US OE8HIK RA0FF UA9FAR W1CU W6YI W9IXX WA7NB YO7LCB YU3AA	296 AA6AA I1FQH IV3YYK JS2LHI K8FL LA8PT ON4CD UA3TT UR5EDX	292 K1LD K4ZYU K9EU SM3VAC SP5GH W2LK	288 9A2JK 9A4T JA2FJP JA3AAW K9KU KN5O SM5CZQ W1MU W4FC W6XK W7ZI W9MU
303 HA7TM JR1TNE K2CL K3UL KV7K N4DB N7FU W2LO W4DC WA2VYA ZS4TX	299 AI9L I0KDF K6ND K8ZTT KZ4V OZ1AXG RA3QK WA1JMP WA2HZO	295 AB3CV G4OBK IK0XBX IZ8FWN JA9LJS JA9PPC JF7DZA K3PA OZ8BZ SP6CDK W0YG WA5VGI	291 DL5AN EW2A JA2IVK JF7XKY JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	287 AJ6T EA1N EA6VQ F2JD JA3AZD JA6BZI N8DJX N9EN NE1B OE8RT SP7HOV VE3LYC W0MHK WA2UUK WS6X YS1RR
302 DJ4AX EA4KD JA0CRI JA1KQX JA9FPI K1FZ K5KLA K9MM N4NX			290 AJ1H CT4NH JA4MRL LA7AFA PY5EG	286 A45XR AA9A I3BUI JA0GJJ JH1TWT K2SHZ KA9CFD NN4X

RA1QD RU6L WB6RSE	DM5EE EA2IA G5LP K8EUR N6DX	WS9V	271 DJ5AV K4TT K5XX VE3BW VK3QI	LB8DC W4YV
285 AA1ON AD1C CT1IUA DL5WW K1DT K5RT N5KM SP7ITB	279 DL4CF E72U G4GIR HB9DDZ HK3W I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX JI2KXK KF0QR N8LJ ON4GG SM5FUG SP1MGM W1ZK	275 AA5AM JE7ETY JE7RJS JE8BKW K0JUH K3MSB N1RR N5FG NA5C ON4ACG SM4CTT W1KSZ W5AJ	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC LA5LJA N3KV SM4AZQ W6SR W6UC WB9CIF	266 CT1FMX EA3WD JA0DIN JA4EPE JA4IYL JA5XAE JL1ARF N5OK ND0N SM0NJO SP8FNA W9OO
284 G4IUF JA7ZP K3WC K8BCK UN7JX W1ECT	278 4Z5MU CX6VM I6FLD IK6GPZ JE1PNX K7SO LA7HJA RW3RN SV2AEL US0KW W1UK	274 CT1BH F4BKV I1JQJ IZ8VYU JA9NLE K1NU KD0Q N6ET W3DRY W6TMD W8TE WE9R WN6W	269 IV3GOW JA2BDR JA3ENN JA4PXC K0TT N7GR NX0I W2SM	265 AJ3K CT3MD N4QQ N7KA N7XR NY0V W9YSX
283 G4WFQ JF2XGF K0CS K1HTV KM1D MM0EAX RU3QR RW4NN SM6BZV W0FS	277 AB4IQ DL6KR EA3JL G0OIL JA3FGJ JL1UXH K6YRA LU2NI VE3FF	273 AG4W AH7C DF2RG EA5BY HB9LCW JA1HQT JA1SJV JA6LCJ K4JJW K5FUV K6SIK K7XB N9UA RN3CT SV1DPI UN6T W7WM WD5K	268 DL5ZB DL6ZXG EA7TV EU1KY HB9HFN IK7JTF JI4POR K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	264 KD6WW RD3AW SP1JRF WX0V
282 DK3DG DL9TJ EA5RM G3WPH K8YSE K9US LA9AJA UW2ZM W7BEM	276 HA9PP JE1SYN K8WK K9MK OE2BZL UN9L W5TCX	272 HB9DDO JA1ANR W1TYQ	267 DL7BA JH1NYM JR3OEH K1FK K4JLD K8BN	263 EI6FR K7BG K7EG KP2A RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ
281 DK2NG EA6ET K1OA K4NA NV9L ON4ATW W9AJ				262 K3KY K8GI WF4U WO2N
280 AF9H CU2DX				261 JH7IAJ K1GG K2NV K8VC K9XD LA3WAA

W5XC	256	K7LJ	247	JA1GTF
W7MO	AC6HY	N5UL	F5CQ	JA9FAI
W8HW	DF2GH	N9BX	IK8EPC	JH4HMG
260	G3VKW	NU8Z	JA1RTX	JM1FHL
JA2NDQ	HB9CXZ	PY2RO	JA3APL	JN1BMX
JF3LOP	IZ3ENH	RU1AO	JA9APS	JS3CTQ
K1BD	N5GH	W1YIF	K4WA	K0VSH
K3LR	W2FCR	W5CIA	K4XD	K9JF
K3SV	W5ZG	W6NWS	K9OW	K9MBQ
N7NG	255	WA8WV	PY4OY	KK4CB
W5LT	DF3UB	251	RA5BM	LA2QM
W6RW	EW4M	EA5KA	W0DJC	N4GN
ZS1LS	IK0HBN	G0EHO	WA6F	N5TW
259	JP1IOF	K6FG	246	SP6A
CU2AP	OH2IS	N1EN	E73Y	W7SX
JA1FQI	SP5IWA	NE8P	G0BLB	W8DCH
JA2KVD	W4WM	SM4EMO	GM3PPE	242
JA9NFO	W8OI	SV1JG	IK3SWB	EA3GHQ
JH1ORA	254	W3GQ	IW0SAF	EC3A
JH9AUB	CT1GFK	W7KW	JA2VQF	F5PAC
K2LS	DJ5JH	250	JA3GN	IZ8DFO
K7NN	EA5AT	HB9DHK	JA3MNP	K1LI
N2TU*	JA5BLB	JA1MRM	JA7MOL	K2PK
SM6CUK	JL1RUC	JA6BJV	N4TJ	K8ROX
W8UV	K0BBC	K1HT	N6UC	KI5BLU
258	K3RA	K5JZ	UR3EO	LB6KC
AB9V	K8TL	N9FN	W5ADD	NO2R
DM2DXA	KE9ET	RN9N	WX0B	NW7E
IK5DNF	N3QE	249	245	OH1ZK
JA3MHV	N8OC	AA4R	DL1DA	PY2KP
JA9TWN	VE7AHA	DL4SZB	DL5EBE	PY2SP
K2AZ	W7LR	JH1OBS	K0II	PY2XU
K5GKC	W8HC	K0BJ	K6SRZ	TF3SG
KR4F	WD8PKF	K4XI	PA3EWP	W1YW
R9SA	253	K6AM	PC3T	241
UN7LZ	4O3A	KF8UN	RU6M	G3KWK
W4FQT	DJ4XA	LB2TB	SM4BNZ	G3VPW
W6VX	DL5CW	N4EFS	W2KKZ	IV3DXW
W8LGJ	JE1BMJ	RD3A	W2WG	JA0DWY
WO7R	JJ3HGJ	WA9CVK	W3JX	JA1IZZ
257	K1LPS	248	WO2T	JH1RFR
I2TZK	K1LT	AA1AC	244	K9OT
IK2QPR	K3JT	AA4MM	EI9FBB	W2JU
JG0CQK	YO2DFA	DK3WW	JN1RQV	W2XI
K2TK	252	DK8MCT	K6KO	W4BP
K5WK	DL8OH	F6GCP	LA0FA	WA3AFS
K9IR	EV1R	JA1WSK	N5LZ	WB9EEE
KB8VAO	JA7JWF	JA8RJE	N5XZ	240
NA2M*	JA7MA	JE1LFX	SV3DCX	AF4HX
W0GJ	JF1WPB	JH0BQX	243	CT1FCX
WA9PIE	JF6DSZ	W1VT	9A1AD	F5LVL
	K3ND		I0JBL	IK4PLW
	K4FJ		I2EOW	JE7JDL
				K4EM

K5TA KB1JZU NS6C ON4ON VE3VHB W7CT W7ZJ W8TN	LA5YJ N4RWG ON5UE OZ1LCG SM3CBR SM5CAK W1ZT WE0Q	W0LS 231 9H1SP K1ZE K3VAT K4PB W1TO W6TC W8WEJ	227 AA8CH DL6JZ EI2GLB HL2WA IK4FNF JA2CXF JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N2JJ N4PY N7IR RN8W SP8HKT VE3CRG W1SKU	RU3A UA0BA W6BJH W7YAAQ W8CZN 224 AI2Q CT1EAV DL6MRS DS5RNM HB9TKS JA8EKU JH8RZJ JK1AJX K1CA K5OT K5VIP K8JJC RM3DA VE3CFK W1LW WA4LOX
239 G3KMQ JE3ENP JR2LJO K5ZD KQ8M N3MN SM5OJH UX5UO W5FI	235 DO4DXA HB9BUN JA7LMZ JE2DZC JH7RXU K7PI KD3CQ LU3CQ N5MOA N5ORT N9RD NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B XE2X YL2KF	230 JG1WSC JI1DHY K0KVR K1EFI K4XR KS1J N1IBM N5JB ON6AA VE7JO W5ODD ZL2IFB	226 AE5E DJ9ON EA3CJ I8JIT JA4ITW JA5FDJ K2EK K4ZIN N8PW NE3F PY2NQ VK3HJ	223 EI9JF EU1U JA7BWT JK1GOK K3ANS K7LV K9RT LB5WB N6HC ON4CAS SM5CBM W0HBH W5VX W6SL XE1VIC YL2TW
238 AA7G IZ0RVI JH3CUL K2SX K7SP K9FN N9RS VE7DX WA2NPD	234 CT1FPQ IZ5MOQ N5ZC SM7IUN SV1ACK	229 F6FXU JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO W2GG WB8B	225 DS1JFY EA1AF HB9SLO JA2FBC JA6BEE JA8DRK JE2EHP JH1QAX JH4PMV K0SD K9MMS KU0A LA9GX N2DPF N8KOL OZ2RH PE1L	222 EA5RU HB9AAQ HB9CEX IK0PEA IZ8IEV JR6FC K3FRK K4WM KF7PG N6MZ NA5DX OE8SPW W3BW W5VQ
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		
236 DL1AP HB0CC JA6VQA JA7QFU JJ1DWT K1ESE K4ZO K9YC	232 DL1DUO F3SG JH4ALY K2KA KD0PO LA9VFA N2BJ NX7K RL3FA S54A			

221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP JR6LLN K10KB N0KV N4TV OE1AZS PA3CSR SM3LGO W0VX WB3JFS WS5W WW3S	JA3LDH JA5JUG JR2UBS JR5JAQ K6DT OE3SGU OE5RLM OH6NIO W1RR W6AUG W6RKC	N9ISN OH1JP RU0SN W2AY W4VIC YB0COU YO3CD	JA2XCR JA7LGE JG3LGD JG4AKL K7ORK K8KS K9TF KG9Z KT2E N2NS N4TL N5BO N9JV W4WT W9JJB WA5POK WB5XX	W2OO W5VY WE1P
220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4EA N2WLG UN7TW W1OPD W8RLS	216 AB5C JK3BLD JR7FRW K1KA K8QM N4ONI N7TY N7UN UT3UZ W0DD W0RX W0SZ YB5QZ	213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7KY K3OX K5VWW N8II NN4R NR4M SP7CVW	209 AC4TO AE0P DM1TT IV3VBM IW0HQE JT1CO KJ6NZ N3KS N4XP RU1AB UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E XE1KK ZL2AL	207 AA5AT HB9BAT IV3TDM K1KO K1NJ K4JPD K4YYL K7UT LA2PA N1QY N3OC RU9UC YO2RR
219 HB9CQK JA2TBS K4MS K6FW KE9I KQ4AV SM0BYD SP6M W7HPW	215 5B4AHJ DJ9RR DL1SMA K1GE K3XA K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC VE7SZ W9ILY WB8K WC4X	212 DL1HRN DL1TRK IZ5JMZ JR3HZW K2AX K7VV K7WJB KJ9C KL0S NN4SS RD3BD SV1GRE W3RJW	208 AC9EM EA8AXT GW3SFC JA0DET JA1NWD JA2ATE JA5WIZ JA6WJL JH6JMN K7ZD K9ZM KA7T KR0P RQ3A SV1FKZ UA3FF UW7UA	206 AB0CT JA1FNO K6NR K6ZZ KA1J LA6OP LA6UL NA9RB W1NA W2QO W7AL W9YE
218 CT3HF JA2AHH K1XM KS3F S55DX W0AWL W5FKX WB8CQV	214 E70T HB9IQB JA1OND JI4WAO K0LUZ K5WAF K8DV K8RRT K9NR	211 CT3DL JH4CPC JN7DOS N2LM PA7TWO RX4HW SM5AOG W1AO W1WC W4MAY W6SZN W8MET W9EWZ WW2DX		205 HB9RYZ JA0NZR JA8EJO JE2RDO JH6PFY K1UU K2MYR K5QX KA8ZPE KU4XO LU8EKC RT0F W1SSN W5DAW WA0I
217 EA1RT IK2ANI JA1GRM		210 AA8OY BH4IGO DJ5DT		204 AI6Z DL9FCY IK0HFO JA8JO JH4FEB K9GWH

OH8NW SV1VS W2/CT1GIF W6KK	IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N4MHQ R3IS VU2CPL W2OIB W5GZ W8GNM W8WRP WB1S WZ8P XE1H	K6UT K7UR KD6UO KM4H KZ0X N0AH N1RK N7HN NG0T PZ5RA R9MJ	VK3NX W5CWQ W6ENZ YT2AA	W4UCK WC1M ZS6WB
203 DJ3GW EA8AKN HA7UW IK4HPU JA3MHA K1IT K3GT K3OSX N0RN N6HY SV9COL VE6LB VE7UF VK3BDX W8KA	199 I4MKN IK5RUN JH4GJR K1BZ K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S ZL4AS ZS1A	196 F5PBM G3SVD JA1VLK JR7XOD K2BA K4CM K5FNQ K8BL KA1ERL KK1W N7WS NA2AA PY1OL UT7KF W2FV W2YE W7AH W8FIB WV4TN	193 IK0LNN JH1AGU JR4LNG K5FZ K6UM N1JP N5UW ND5S PA0JSE SM4CTI SM7BHH SP5ES SV2DGH W5WP YL3DQ	190 7K1PTT EA2AFV EW3CW JA2KSP JH1APK JJ1SKG JR1MLU K4MZ KQ4EE N6GP OZ8SW SP3EPG UA0FO W6DR W7SLB
202 IK5ZUK JA8BNP JE1PHH JH4ADK JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG SM5ENX SP9WZS W5BPT WA4CEM WD9DZV	198 CT3KN DF7EE HK4SAN K0DEW K4AV K5GH NA4EA SP1DSZ UA3O W2PS W9PZT WB4YDL WD4LBR	195 A92BE AA8LL AC6T DS5TOS HB9DOT IZ2FOS K4MF K4OY K9GA KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI W4RDX WD0DAN YO9FNP	192 AE6Y I2YWR JE8TGI K5CD K6PJ K8UT N7BT OH8LXT W1EQ W4GIW W4RFZ W5ZO W6RS WA4BIM WP3R YO3DDZ	189 AA4NC JA1DM* JA1OVD K2QMF K4JC K8TVD N0RB NI5F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SM7GIB W0YK W2LE W5KFT WB2AA WT3Q
201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JG8FWH K1JIU K8YTO N9SF SP6JIU TI5KD VE3YF W2CG W6AEA	197 DH0GSU IK2SGB JA2IYJ JA3CMD JA8XQI K4CMS	194 J11NJC M0CSD N1PM	191 AD6W IK5CBE IT9BLB JA1PMN K0GY K1TO K1ZN K7FL K9OR KF0LA KR2Q KU4BP N8NN NX1L SV1FJP W3ABT	188 JA2FGL JN1GTG JR3UIC K0TV K7WE KA4RRU W4GE W7HR W7IV ZL4TT ZP5JCY ZS2DL
200 9K2OD				

187 IK4AUY IT9CVO JA0LFV JA2VMU K3PP K4WZ OH7TV OM7CA VE6SV W3MR	IZ5RVG JA6CBG JA6TMU K3GGN K5KG K8NK KI4DLS KO8SCA N2RJ N6PM SM5FWW SV1IW W1UE W9FI WA0RVK	WT4Q XE2CQ	178 CT1ESO I0MWI IK8YTA IV3TMV JE8LWZ K2HAT KM6HB N0AMI N3NR OE2SCM RW4CY SP5JXK VE6AX VK4CAG WA5IPS WF2S	175 JA1JAT JA3BXF JA8LRG JH1DGQ JM2RUV K0EOO 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 IK5PWN JA1DOF JA8NFV JA9CWJ JQ6RUP K8AJS N6PSE NA2U NA5Q ON6YH R0FA R9JX W6JTI W8IQ W8OP WA4TII	181 AA4DO EI2JD IU0LFQ JH1ROJ JK1BSM K1RH KE4UW LU6ETB OZ1IKY UT6UA W0GG WY1G	177 AA6RR DL6LIM I8LWL IK0EFR JA1IOA JA4DHN JR6GIM K0GD K5UZ KA2CYN LA8HGA N6RV NT2A RA9SC VE3OI WC2K WD9Q WQ7B	174 DS4AOW IZ5BAM JA7SFD JM1BPP K3XO K9HQM K9SG KB6CIO N1NK N6NU OH4UI PA2TMS SV3KH SV9AHZ TZ4AM WA8MCD WB2WPM
185 AD7L DK4TP DL8PG EA1KK EW1P HB9DHG HI3T JA1FJJ JA8UIV JE2HCJ JR4VMS K0MD K1RV K4KGG K8RYU NA2X W5QM W8HB	182 F6DBX I5OYY K3EA K7UA KE1F ND3F NW6S NY2NY SV2DCD VU2NKS W1PX W5DNT W7MEM	179 DL2CHN DS3HWS HB9EFK IW3GJF JE3CYW JF1RYU JG3SKK JH1RFM K7ACZ KA6BIM KD8RQE N7TR W2WC W5GAI WE4S 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 W5JMW WA4DOU WF4G
184 AK1L DL6CNG EA4CQT HL3GOB IZ2AMW				172 AB2E

JL3JTD	169	W3BNN	163	N3HBX
K4WNW	G3WGN	W9JA	AA4FU	N6IE
KY6R	HI8R	WB7QXU	AH0U	N6TR
KZ5DX	IT9AAI	WC4B	FG5FR	N8NA
N4JT	K2RET		IW0BYL	NK0S
N4OA	K3PU	165	JA8FFM	SM0DSF
N5ET	K8OM	AA3LX	JG3RWX	SM5ARL
N6RK	KT1J	FG8OJ	JJ2EMF	W1LY
W2NO	NF1G	HB9MFM	KF9UG	W4KA
W3FOX	NX8Y	HC1BI	KG8CW	W5VU
W3MF	ON4ANN	JF3PNQ	KK0DX	W6DX
W4DAO	UN3GX	JS6TWW	NC4RB	W6YOO
W4WJ		K5CR	NY4G	W8CD
YB1UUN	168	K7JH	OZ5NJ	W8HMK
	DL2NOM	LX1KC	VK6LC	W8IW
171	EA5OX	N2GZ	W5GA	XE1RBV
DL7JRD	I8DVJ	N8HRZ	WA2UKA	
G3UAS	JA2FSM	OE3KLU	WA8JBG	160
IT9ODQ	JE2UFF	OK2BUZ	YO3AIS	AB4UF
JA1QIW	K1ACL	SV1GYG		DL7UPN
JH1IED	K7HC	W2YR	162	DM2RM
JH1WJR	KJ7TEA	W9MO	E73D	F9XL
JK1UVP	N8AGU	WA0SXV	IK2VUC	JA0GCI
JR8AMF	SM4OLL	WA4VA	IT9DAA	JA1MZL
K1JD	SP5MXZ	WA5LFD	JA2NQG	JA4HAW
K9RR	WA4AFE		JA8BZL	JA5PUL
KU2A		164	JJ1BMB	JA7XBG
N4UOZ	167	DJ1TO	K1DJ	JF2WGN
N6UK	AA7XT	DL5XL	K2AT	JH1DGJ
W1OP	CU3EQ	EW1KP	K2RU	JH3FHQ
W4CCS	DL3KZA	HA5BSW	K4JKB	JR3XUH
W4NJ	I0KRP	HA5WG	K4MM	KI4WCQ
W7WZ	JA3FHL	IV3BKH	K5RJ	KW4V
W9BEA	JA5BGA	JA0KJD	KT2C	LA5SJA
	JA5NPV	JA9KRO	LU2AH	N2BT
170	JA9CG	JF1LZQ	N9OY	N3RR
BA4MY	JH1APZ	JH1RGG	NA5Z	N3XM
EA2AA	JL2JVB	JH2HFD	W1YRC	ND6G
JA3MF	KQ1F	K9UQN	W2OR	TA1CM
JA3RQ	LU2CC	KA9OKH	W6WA	W0KCJ
JA6SRB	N4AL	KK4OW	W8PC	W6CUA
K0DD	R5QA	LU2DSL	WB0N	WW4LL
KB9DAK	RA3LAL	LZ2ZG	WW1N	YO4AUL
KD1F	RL3AA	N2ZA		
KE1VT	WA8CDU	N8OQ	161	159
KH2L		N8PCN	AJ4A	9M6YBG
N0ABA	166	PA0TCA	E74A	DL1MEV
N7KO	DL1QQ	RA3BL	JA1BPA	F5NBX
NO9E	E70A	SM6WET	JA1SDV	HB9DDM
OE2GEN	G3WW	VE1OP	JF7RJM	IK1UGX
PY2DS	HB9DVZ	VR2MY	JH0NOS	IK8UHA
W4HZ	I2DMI	W1JA	K3MD	JA3NHL
W5LO	IZ4DIW	W3HKK	K3WGR	JH1ACA
WB6JXJ	JA4KDT	WB8BZK	K4HMB	JH1IAQ
YO2CMI	JA7BEW	XE1MEX	K5IB	JK1TCV
	K8ME		K8CC	K2TA
	KN6KI		KC6X	K4YJ

K5RA	J11WLL	RA0BA	VE7XT	JH2VVH
LZ2JF	JK1UNZ	RD9M	W0LYI	K1VI
N4QM	K6XN	RT5A	W1LE	K2OP
N4TOL	KK9H	SM5BEU	W1MR	K3NF
N6MA	N4IQ	SP6EII	W1NK	K4NC
NA6O	NA9Q	W2UB	W3NS	K5DHY
OZ4VW	PA7RA	W2YK	W4NZC	K8MN
SP6AXW	SP5ELW	W3KHZ	W4TNX	KA9UVY
W7VY	W2FK	W4UEF	W7FI	N0STL
W9HBH	W7CA	W5KI	W7IB	N2SQW
WV9L	WB2AQC	W6NK		N4PYI
	WM0X	W8MHW	151	N6WT
158	ZL3RJ		AA4FL	ND0F
AA8R		153	EA7OH	NU4I
BA7IO	155	7K3QPL	EI3IO	NZ2L
DL4NBE	5T5PA	AA9GR	EI9E	SM2GCQ
DL5KUA	9A1A	EB3CW	G4XEE	W1JGS
DL9DRA	AA4DD	F4FLF	HL2KV	W4NBS
JA1SHE	EA3EQT	G0VXE	HP2AT	W9GXR
JA2ITK	GM0AXY	IU8FRE	JA6COW	WA2MZX
K4XU	IZ7EVZ	JA0NPQ	JR7ILA	WA4MME
LA2GH	JH1SJN	JA1QOQ	K1AJ	WB4JTT
N2ZZ	JH1VHU	JA2BUR	K1PL	WV2I
N4DWK	JR1DUP	JA7GYP	K2TER	
R7LP	K2DC	JH3HTD	K3FM	149
RU3UR	KR6C	K1YT	K4ST	AB1J
W1GQ	LA2RZ	K4EU	KD4OS	AL7TC
W2RA	N1MD	K7GA	KM1C	IZ4MJP
WO3Z	N3IQ	KH6AT	N3MK	JA0LXP
WS1L	N4IG	N2FF	N4HID	JA1ADN
	N8AYY	N9JR	N9DR	JA1SGU
157	N8WRL	NA6MG	NF4A	JA4ZA
CT1DKS	N9XX	NK7C	UA1CEI	K0GW
G4AFJ	NJ1H	OZ7DN	VA3XQ	K0KP
JA2EJI	OM8FR	SM6AOU	VK2GR	K4WY
JR4VEV	RN3QO	VE1DUN	W2TB	K8AV
K2CDJ	SV8LMQ	VE3YXO	W4WW	KM2E
K7LFY	UN3G	W0JM	W8VVG	N7MB
K8WVA	W0NFL	W5ZPA	WA0ROI	N9IO
N0VVV	W0VHF	W8MIL	YO6HOY	NJ7G
N7JB	W1AW	W9GE		NX2X
NJ6D	W2HUG	W9SE	150	ON5TW
UA4PK	W4HOG	WN9O	AL7R	SM5FQQ
VE3UZ	W7IUO		CT1FUH	W6RFF
W4PV	WO9S	152	DK5RL	W6ZO
W5PJR		AF2C	DL2JIM	WB0O
W5RF	154	EU1DX	DL2VPO	WW1WW
W7RN	DK3BK	G3LUW	DL7AA	YB2TX
W8BBQ	G4FTC	IK0CHU	F6HLC	
ZP5ALI	JH7LBE	JA6GPR	HB9DQV	148
ZS2EZ	K0THN	JR1WCT	IK2RPE	EC1AIJ
	K4QD	K4ZA	IZ0CKJ	HA5PT
156	K4WFM	K9JU	JA0PE	IZ4AIB
DK0EE	K8RF	KS4S	JA3EOP	JA1CZI
JA1QGC	KE4VU	LB7ZG	JA9AA	JA6OXT
JA4VLK	KG4CUY	SM2HWG	JE1VTZ	J16IHG
JA5BZL	KK4HD	VE3EK	JF2VAX	JN3RBE

JT1BV	KK0M	EA7DUD	W3DM	WE9A
K4WJ	KK6T	F1RAF	W3IZ	WQ6Q
K7CMZ	LX1CW	HL2EIZ	W5THT	
N4NW	N5CQ	IZ7AUH	W9HZ	140
N6IG	PY2IQ	JA1UXC	WB2GOK	AA4UC
NG0G	SP3F	JH1EIG	WC2L	AA4US
VE1VOX	VE3UTT	JH2RMU		AB0RX
W4MA	VR2CH	JR1IZM	142	AD3C
W8WFN	W0MS*	K0LB	AG4Q	AG5W
W9CSX	W1NR	K2SN	HL2DBP	EA3CZM
WB2HJV	W2JLK	KA0CDN	HL3AMO	ER0FEO
WB3LHD	W4DEE	KE5PO*	IK0WRB	IK7YZG
WS1E	W6AER	KM8AM	IK2WPO	IV3VCS
	W6OUL	N1KC	JE2VLG	JA3EY
147	W7TSQ	N4SC	JH1VUO	JA7KQC
AB4SF	W8QZA/QRP	N7OJ	JH7LVK	JE1DXC
AD6ZJ	W9MJ	ND3L	K0PJ	K4JWA
DK6OR	W9MR	NZ3O	K1ZJA	K5HK
DL6KY	W9ZCL	R7LA	K3NQ	KP4P
EA5BZS	WA2USA	W0QQ	K6IPM	LU8ADX
HL4CJG	WA9DU	W2ZI	N1BZ	N2PK
IK4HLO	WC3W	W5BK	NY9H	N3TR
IK8VRH	ZS6UT	W6BCQ	W1DXH	N4XYZ
IZ0BTV		W7QDM	W2TX	N6QI
JA0KJE	145	W8SAX	W3DQS	NM1G
JA4EVN	AA0KA	WA1YTW	W9IL	NN7X
JA6NQT	DL2RD	WC4H	W9ZJ	NU1B
JH1UBK	DL7UGO		WQ8T	RA0R
JH8BOE	DL9GTB	143	WT9U	SM0XBI
K2CYE	EI6IZ	AC6DD		VA7QI
K3PT	F6KOP	AI8P	141	W3AKD
K6ME	IK8GJR	DJ3AS	DF2UH	W6GJB
KB1W	IW0HOU	IK1IYU	DL9ABM	YL2AP
KD7H	IZ0NRG	IK2RZP	EI4BZ	
LA5XGA	K1XV	JA6IVR	I0LYO	139
N7MQ	K4WES	JA7FWR	JH1BAM	CT3DZ
N7TP	K4ZNC	JA9APM	JH6DUL	IK0ZIO
NV4B	K5EWJ	JH2XQY	JH6WMJ	JF0JYR
V51B	K8SIA	JR1CAD	JJ1OKK	JF2OZH
VA3IC	KB7V	K2CS	K0OK	JH0AWC
W1WEF	KD5R	K3DFL	K2HT	K3SW
W6BK	N4UFP	K4EB	K3WWT	K3SX
W7EYE	SM7CQY	K7KB	KB1HY	K4KAL
WF5E	UA5D	K8ZZU	KE8UM	K6LPO
WS1F	W0SR	KW9U	LU2BA	KE4S
	W1ER	N9KW	N4MI	KH6DX
146	W2FB	N9PGG	N6AA	KL7J
DD0VU	WA5NFC	NA9A	N7DED	KS3L
DK3QM	WB6CJT	NU4Y	RW4NJ	LA9FFA
IK2DZN	YB2DX	NW8F	SP7ICE	N1IA
JA1WTI		OZ1HPS	VE1JBC	N6KZ
JH3FUK	144	RA3CO	VK6OZ	N8NB
JH3GCN	AA0MZ	RX3BP	W0MU	NN6K
K4MX	AA6PI	UA9AM	W0RXL	PP1CZ
K4ZRJ	AB5A	US2WU	W1DYJ	W0TM
K6LRN	AB5GU	W1ENE	W2HUV	WF1H
KI1U	AK5Q	W2NRA	WA4NUF	WQ5R

XE1FAS	W0JMP	HK6K	W6EJJ	KW4CQ
138	W6TK	JA3VPA	WA1NXC	N2XQM
AA5B	W7KSK	JR1JGA	WA3SKQ	N6VI
AA6RE	W7QHE	JR7GBL	WE2N	N8XI
AC4VM	W8UQ	K0FLY	YB1TJ	NA4CW
EW1LM	WB2KSK	K4IE	133	NA4MM
HB9AZO	WB3D	K5LC	DL5JS	NG7M
HK3PJ	W05I	K5QR	DL8JJ	NH6T/W4
IK2HDF	YV5OIE	K7LY	EA3CWK	NJ9C
JA3XNH	136	K7WK	HP3TA	NO0B
JF1WLK	9H1AE	KD3HN	I1YDT	NT9F
K2MK	AG1I	KN4JX	IK6COX	S53MJ
K2WK	CU3EJ	KO4PY	JA0AXV	SM0MPV
KE7LU	DL5SBA	N3KN	JA1FUI	UA3SAQ
KF4VTT	HL4CCM	N4CT	JA2BL	UA9AGX
N2KX	IK8PGE	N4QWZ	JA6BF	VA7XX
N7WO	J68HZ	N9MB	JH4RLY	W0UVC
N8GP	JA3UCO	OE3EPW	JM3GXU	W0ZT
NU1T	JA3WLN	PT7CB	K2KIB	W5RYA
OZ0J	JA7NX	SP7ASZ	K5ZQ	W5WLA
PY2DV	JP7FSO	W0UC	K8EB	W7IU
SP5IXS	K0SRL	W5BN	K8KY	W9RB
TF4M	K1SM	W6FL	KO1H	YB4CHP
W0QD	K1TWF	WA3IIA	KZ9DX	131
W1ZZ	K2AJY	WA3PBL	N4AOE	AA4EA
W2PP	K4AMC	WB2NPY	N4DJ	DF7GG
W4DN	K4KAY	WK8A	N8KU	DJ2RB
W8TM	K4YP	ZS1J	NT5O	DL2TOS
WA2BOT	K5YU	134	NW7US	DL4ZAB
WB2RAJ	K8CS	AG7N	NY1V	F2NH
WI2E	K8JE	CT1BWW	VE3SKX	IZ3ETU
WN9Q	K8KI	CT3CD	VK5GR	JF2QNM
WT2P	KC2STA	DF3OL	VU2MSA	JL6USD
XE1ILI	KM1A	DK2BI	W6MVW	JM1VRW
YO3VU	LA6MP	HB0WR	W7JET	K1UM
137	N4HN	HL2CFY	W8JA	K6IPV
AA9RR	N7NH	IZ1JMN	132	K7LAZ
DL2VWR	NE4A	JA1EMQ	9AY2K	K8JP
EA4UV	NU1O	JA2OLJ	AA3TH	KK7YC
G8AJM	RL3BZ	JA8ALB	AE5B	KM4A
HB9ACC	W1FA	JE1WZB	CT7ANG	KR4BD
IK3DVY	W1MRH	JG3HBO	DJ0AH	KX6C
JA1KPH	W2PD	K0XP	DL3IAC	N0TK
JA9GPG	W5JE	K4MV	EA5RD	N3HYB
JH1ERJ	W6DCK	K8QKY	FG4NO	N6FS
JO4CFV	WB0TVY	KC5LK	I1CMA	ND7K
K5ALQ	WB4CW	KF2TI	IV3TMM	OH2LU
K5TU	WD8LTM	N2NW	IZ6ERS	RU3UN
KF6A	WX2CX	N4TD	JH8JBX	SM6VR
NA1DX	135	ND4V	J11MNT	VE7TK
NB3R	AC5AA	OE1ALW	JN3TRK	W4SD
NC6A	AE4CW	SM5CSS	K4DSE	W7NP
OE5JDL	CT3FN	W1OG	KJ6Y	W8FAX
SK0QO	G4FJK	W1ZS	KS4YT	W9UM
UT4UZ	HB9VAB	W2DXE	KV4T	WA6EZV
		W4UFO		WA6TQT

WB0PWA
WD8MGQ
WW1V
ZS2Y

130

7J1ADJ
AA9AA
AB6BT
DJ4SO
DL9GCG
DL9JI
EA8MT
EC5A
HB9DVO
HB9FBG
HK3MCM
JA4RED
JA8BAR
JL1GYZ
JM1GHT
JO1ABS
K0HB
K4ODL
K4VX
KC4AA
KF7NN
KP4DKE
LB8OH
M0IKW
N0TR
N1NU
N3AIU
N4LUF
N4XMX
N7TM
N8IL
PY2FN
SM5BNK
SO5AS
VE3FRR
W0AD
W3JXP
W3ML
W4NK
W4SW
W7FP
W7LGG
WK9U
WO5D
WX3P

129

AF4OX
CX2CC
DL3LAB
EA5DFV

GM0CWR
JA1KXT
JA1TGO
JA7EU
JA7JPZ
JF7NNI
JR0EQQ
K3VPZ
K6QU
K7VC
K8YYY
KF4NEF
LU2JCW
MW0CBC
N4GBK
N7BD
PY3SB
UA0APV
UY1HY
VO1AU
W2EQ
W4LIA
W9RC
WA1ZIC
WA5NOM
WD5BJT
WY6N

128

4X4MF
7M4AOE
7M4CLF
A71AM
AG8L
AK4AO
DL3BUE
DL6NW
G4FKA
HB9HBZ
HK3O
IT9ZZO
JA0ED
JA0EVI
JA3AYU
JA6JNF
JE3BIQ
JE4CIL
JM1HJG
K2QB
K4LQ
K8ROK
K8YE
KA1O
KD2GC
KE3X
KE4BKL
KF7F

KL1V
N2AJ
N4KM
N4MEC
N9JCS
N9LEO
NC4RY
SM6DIN
SV2JU
VY2MC
W1PNR
W3EF
W5UE
WB5NHL

127

AA3AZ
AI2S
DL5KUT
HA3OU
JA1DIO
JA1FHK
JA1XRA
JH2PWY
JH3PRR
JJ6DGP
JN1MKU
K0AZ
K3OK
K7PO
KV7N
KW2J
KX9X
N1SZ
N5QS
NC2Y
ON8VM
OT1A
W4GP
WA0WWW
WA2ALY
WA7BNG
WB2KSP
WC0W
WC5E
YT7T

126

AB2DP
AD5WB
DK3FB
EA4EPY
EA6EE
EW4A
G4NBS
JG1SWM
JG3KLF

JH3GFA
JH4GNE
K1EDG
K4ZMV
K8FZ
KC8IVC
KI3O
KI5GD
KN7Y
KS0M
KS4XQ
LA7EIA
M0VCB
N2SG
N4LV
N4UW
N5JC
N6PEQ
N8VV
OZ9GA
W1BYH
W4PG
WB1DX
WB2GAI
WB5STU
WV1X

125

7K1CPT
AA4LR
AD4AA
DL9BM
EA1P
ES3VI
G0HIO
G8BCG
HB9JG
HB9JOE
IZ5EKV
JA2QCX
JA6EXO
JH6WDG
K2ZZ
K5TIA
K6BZS
K7QA
K8GWU
KG5VK
KM9E
KQ5M
N3OUC
N4ENE
ND4X
PT2CSM
PY2RN
RT2O
SV1CQN

SV1EOG
W1MJB
W1XV
WD8KND
XE2YWH

124

BG8PA
CU3AN
DF3EC
DM5JBN
F8EZE
G3VAO
G3XLF
IK0OPS
IK4TVP
JA1TD
JA2AH
JA7HRM
JA9GLW
JE6UWU
JM1LPN
K2WJ
K3LA
K6SLO
KB9S
KF1P
KM1R
KN9N
KP4MS
MU0FAL
N1YX
N3KR
N6XT
N7AU
N7ELL
NN4K
NS4F
OZ9XU
W1ASB
W5WZ
WA4QMQ
WA8RCK
WA9BZW
WB4SON
WD6T
WR7Q
ZS6NJ

123

AB6CF
AC0W
AC4BT
DD0VE
EA2AAZ
IK1RLI
IK4BHO

JA2CXK	KD0S	N7WR	119	JG1LBN
JA2JRG	KF2OG	NY7T	DS5ACV	J11FXS
JA2KSI	KF8DX	NZ3M	HA8UT	JJ2KDZ
JA3AVO	KT8D	OE1HHB	JA0CVC	K1TU
JA7KE	LA6EIA	W1OK	JA1DXR	K3IZ
JA8EOT	N4BAF	W3NRJ	JA7VEI	K5WE
JE1HRC	NI4Y	W4AEJ	JM1GYQ	K6UXO
JE3GUG	NU4B	W4EB	JR2CFD	K7UPJ
JH0NBN	OZ3SM	W4NE	K0IIR	K8IKE
K0KM	SM2EJE	W5FL	K1FE	K8WHA
K1QN	UA6LCN	W5MF	K1LTJ	KB0V
K3GO	VE7ON	WA6JA	KB4CRT	KB1AWM
K4GO	VE7VF	WW8RT	KK4QN	KB2XJ
K8GT	W1GF	YB1AR	LA4C	LY3BS
KC4HN	W4AO	YO3JF	LZ2HM	N1FOJ
KF2DT	W4PNY		N0ATQ	N3MLV
LB5GI	W4RS	120	N0ODK	N3RW
N6NT	W7BJN	DL1EV	N1DC	N6VH
NC1M	WA6KHK	DL2VFR	N2RR	N9AZZ
NS3L	WB1EAZ	IK7YCE	N3CW	NA5S
NZ5O	WN0L	IQ2VA	N6OJ	OE3JAG
OH2BEN	WR2G	IZ5EBL	NA2R	TA1L
PT7DX	WV1R	JA3BLN	NK7Z	VA2IG
SV2BXA	ZS6IR	JF1EGO	SK6SJ	VE3PNT
VK2CA		JG1WNO	SM6NJK	VR2PX
W0MS	121	JH1LZU	SV8QG	W3ACO
W0PE	EA5B	JH6CDI	VA3HP	W4SKW
W2PSU	EI8GS	J13BFC	VE4JBB	W5SJ
W2XX	F4WDL	K1TKL	VR2XMT	W6GM
W4GKR	F6FYD	K3SF	W5UHQ	W6WF
W6PH	GM3WIL	KD2SC	W6IS	WA3GM
W9ROG	HB9BOI	KD4POJ	WA3YZD	WA4USA
WA8Y	IK4TVQ	KF8HR	WA9JWL	WB4PWZ
WB4GLI	IK5BOH/2	KI4TZ	WB2ZAB	WF8R
WC4V	JA0MRW	KV4AA	WB3BFC	WZ6Z
WQ1H	JA2ACI	N2CG	WB8IZM	XE1R
XE1EE	JA8EIA	N4JQQ	WB9WHQ	YB1RUS
	JH1AEP	N5BA	WD4IXD	ZS5LEE
122	JH1SBE	N5PA	WY0V	
9A3LYL	JR4CZM	N9DJ	ZL1WG	117
AA7FL	K0FG	NO2C		AB4GE
BV1EK	K0QQ	NW4M	118	AJ8MH
F5RQQ	K3AR	PY2SEX	AA4NG	DF2UA
HB9BEM	K3IXD	SV3AQR	DL2RUG	EA5HM
HB9GWJ	K3JM	VU2PTT	DL4FDM	EI7GY
HB9IIO	K3RWN	W0UY	DL5MX	EI8IU
IK6BOB	K4GM	W4AFB	G0MFO	F4DSE
IV3BSF	K4SAF	W5DM	G3YFE	G3PSM
IV3KCB	K7STO	W5EC	G3ZEM	G7SSE
IZ8EJB	K8CXM	W6DE	G4CWD	HB9PUE
JA0CIU	K9QJ	W6HDG	GW0ANA	HL4GHT
JA1CPU	KC9WPS	W7HUY	HB9DLE	IK0XIH
JA3EEM	KD8BZY	WD9FLI	HL3ERJ	IZ0GYP
JA8ZO	KM7R	WN7J	I5CRL	JH8KFE
JE8IGW	KT5X	YE6YE	IT9IPQ	JL3DGI
JH0OXS	N2KI	ZS1C	JA1SZN	JR1SLU
JM1ESG	N4TKF		JA2NNF	JR6GHN

K0MP	JA9IWR	JA8GSN	K6GWN	N6RC
K0PC	JO1LVZ	JH1RVQ	K6PT	N8RF
K4AR	K0BFR	JH4VDP	K8AO	N9RE
K4AU	K4IU	JK1SAI	KA1DJ	NJ0F
K4SX	K7VS	K0IL	KM3J	ON6LY
K4ZIW	K9LCR	K1HJC	KM4HQE	ON7BJ
K5GM	K9ZG	K4MIH	KX2S	VE7BZ
K6CF	KC1ERO	K4MIJ	LA4RT	W4CC
K7CTV	KU1T	K5AX	LA4WJ	W5RDW
K8ZM	KU8X	K5LY	LA7QI	W8AEF
KB8KIM	LA2IR	K8LBT	LA9XGA	W8PE
KE1IU	N2SU	K9EXY	LU1FM	WA1EHK
KG6D	N3ER	KB0EL	MM0BQI	WA2AOG
KK9T	N4HGZ	KC2WUF	N2YBB	WB9MSM
KM1H	N4QVM	KE7PB	N6RJY	WK1Q
KM4NS	N6NBB	KE8NOA	N8AID	WW5L
KM5G	NV4A	KJ4EX	N8KUS	WY7M
KS9R	OH1NSJ	KK0T	N9NB	XE2MX
KU4V	PA2R	KK5OQ	NG4C	YB0EIN
LX2PA	SM1NJC	LT1F	NR0T	YE1AR
N0IW	UA1OM	N0OP	ON6KE	YV4DYJ
N8JK	VU2ABS	N6DHZ	PP2FN	112
N8WXQ	W0ANZ	N7NF	PV8DX	7N4OBV
NC8I	W0QC	N8SHZ	W4TTY	AA3K
NL8F	W1GWN	ND4Q	W7BV	AA7UN
NW2I	W4ARK	NK2H	W7HJ	AA9WO
ON4AGX	W4CZ	PV8ABC	W8UMA	AC9O
PT2BW	W4DFU	UU1JA	WD1M	AD1S
SV2CLJ	W7RR	VK3OT	WG0G	AD4YQ
SV3RKM	W7VJ	W2HAZ	WN6K	DF2WF
TA1AL	WA2EOV	W5GO	WR2V	DF5CD
TF3DT	WA8LOW	W5HNK	113	DJ7JC
UT2VC	WB4DNL	W6QON	6K5AQY	DL8DYL
V51YJ	WB8FIW	W9RXJ	A92IO	G4DBW
VE7ACN	WC2C	WB2P	AC9X	HK4EB
W1UN	WF4W	WN1M	AK1P	IK0UTM
W3WN	WJ1B	YO3HOT	EA2J	JA0HC
W4OWY	WQ5C	114	EA8TZ	JA9RT
W5UQ	WV4V	AA4H	G4RGK	JQ1YIW
W6KR	WW0E	AD4XV	HB9HHH	K0UBR
W8BI	115	AK3E	IZ0FUW	K1KOB
W8VK	AA5N	BA4TB	JA2MNB	K2DW
W9BB	AB0S	CT1ELF	JA4JSV	K4NTO
WP4CQ	AC0B	HL3DE	JH3GRO	K4ULA
WS4H	AE4M	IZ5GST	JJ2VLY	K5VR
ZL1ANH	AJ8B	JA2LHG	K0HD	K6EGW
ZP5FGS	CT1DOF	JA3VUI	K0PX	K6LD
ZP6VT	DF8FT	JA7MAD	K0XM	K6MKF
ZS4JAN	DH3KM	JE1LPZ	K2SD	K7DS
116	DS5DNO	JK1MZT	K2TG	K7SX
4X1EL	EA2AGV	JR1ATQ	K6OJ	K8LE
E77S	G0JJG	JR1EYB	K6ZP	K9UVK
HK1X	I6DQE	JR1VAY	K8SM	KD9ZR
HL5BMX	IU8HEP	K0BRO	KC2SST	KP3R
JA2DHG	JA1OVF	K1QQ	KW1DX	KR4DA
JA3UNA	JA7FAS	K4TXJ	N1ZJ	LU3XX

LU4FW	K3GW	JA1KZP	XE1L	W7XE
N1BB	K3HW	JA2KTP	YB4IR	W8EOG
N3NO	K6DJ	JA4HXF	YV5LI	W9KM
N4WOT	K8CCV	JA7GAP		WA4YYM
N5OP	K9ARZ	JE3CHA	109	WA5YNB
NN2D	KA4H	JF1KKV	4Z4KX	WA7BNM
OZ7QB	KB2HK	JH8FIH	AA4MD	WA8LRW
PY6TS	KI7M	JM1GAW	AA4ZK	WB2UFF
R3BB	KJ4YLO	JP1NWZ	AA8BN	WI7N
R7NA	N1KM	JR0QFA	AF8C	WY7FD
SP1NEN	N2FY	JR1RCQ	AJ9K	ZS2ACP
VA7ZT	N3BOB	JR2PZX	CT1CQK	
VE3GFN	N5RN	K0HP	DL1TPY	108
VE7NY	NC6K	K1LZ	DL2RTL	7L3SQL
VK7ZE	NE1RD	K2GLS	DL9QJ	9A3ST
VU3WEW	NR5R	K3EE	EA3BL	9A5SSS
W1RG	OE1JIS	K4AFE	EA3GCT	AC7ZG
W4EJG	RV3GW	K4DET	F4GVO	AE4VJ
W4JVN	UA6MA	K7JI	G4EHT	CO7RG
W4UAT	VE3EDY	K9AQ	G4UZG	DH4RL
W5FPT	W1HEO	K9GY	HB9DRS	DJ5EY
W5MJ	W3WH	KA1API	IK0XKP	DL3ANK
W5TFV	W4DWS	KB2RA	JA0HXV	EA5DKU
W6CN	W5WI	KB4FXE	JA6JYM	EA8TK
W9LYN	W6IHA	KB4KBS	JA9IFF	F5UJK
WB4CTX	W6ZPL	KB5GT	JF6AKS	G0KHO
WB4FNH	W7AM	KI0I	JI4HKA	G3VXJ
WX4TM	W8QWI	KK4TK	JI5RPT	G4SSH
YU1GM	W9GG	KM5VI	K0MFI	I7PXV
ZS6NK	W9KX	KS0Y	K1RY	JA0DBQ
	W9MMZ	LA4JGA	K4BNF	JA2CPD
111	W9WO	N2KW	K4RDU	JA2VHO
8P6SH	WA6URY	N2TC	K5VG	JA4CZM
AA8KY	WA7HQD	N4ANV	K6JJ	JA5OP
AC0X	WD9IOK	N4CO	K7CU	JG2LGM
AI1W	WE2L	N4SV	K7IA	JJ7XTV
AI4WW	WF2Y	NE2V	KC5LT	JK7LXU
DK9WZ	WO2Q	NU0Q	KD4W	JR3QHJ
DL1DH	WZ1Q	NW6V	KP4AH	K1KZ
EA4EJP	ZP9MCE	OZ9U	N1UZ	K4DB
EI1DG		R0QA	N9BVA	K4JDV
EU1TT	110	R6AZ	ND1T	K5LA
F4DVO	AD8NQ	SM0CXU	NN4RR	K6NS
HB9LAK	DF1JM	SV8RX	NR3Y	K6XJ
HC1HN	DL2AMD	TF1A	NS4X	K7QBO
I2QMU	DL4IW	VE2GHZ	NX3A	K8BB
IC8SQS	DL8XDA	VE3YV	OZ6PI	K8ZT/QRP
IK2PZC	DM3XRF	W0QL	R2ARR	KD4RH
IU8IYE	DS4CNB	W0VM	SV1XV	KD4SN
JA3HBF	F5NNN	W3KN	SV3EXP	KE4KMG
JA3QOS	G3WXX	W3SB	TA6N	KE9XN
JA9FO	HB9AGO	W4GF	TF3JB	KX5V
JE1GWO	IZ0GKB	W5SUM	VK2DAG	MM1PTT
JH8GEU	IZ8EKL	WB8EKG	W1KDA	N1HO
K0RW	JA0JPD	WB8TGY	W1RH	N1TA
K1VMI	JA0UMV	WQ5T	W5XU	N4KEB
K1XE	JA1EMK	WY4I	W6EKR	N8KOJ

NN7A	K6AHG	GM0NAI	W4LZW	KM4AF
NT6AA	K8POM	HB9ECS	W4OEP	KN7K
OZ1OXQ	K8ZEE	HB9HFM	W5GML	KO4XM
PJ2HB	K9AAN	HC4L	W5PD	KR4U
PV8RR	K9XR	HG6IA	W6TGI	LU9DO
S51DD	KE6V	HL1XP	W9FY	LX1EL
SP5LKJ	KI0G	HL4CBX	WA3DCG	LY3BA
SP7QHR	KI2D	IK5TBK	WA6HBR	N1XL
VU2IT	KI7HO	IZ4COT	WB8RFB	N2PL
VU2OT	KM2O	JA6ENL	WD3P	N3AS
W0YDB	KM4FI	JA6QHQ	WS7W	N3ZA
W2GHD	KP4N	JF1CZQ	XE1V	N4FN
W2ZK	KR9A	JH8DEH	YB0JH	N5OGP
W4EW	N2RD	K0CF	YC0LOW	N6DW
W4GD	N3YZ	K0GEO	YO3NL	N6VNI
W4PGC	N4KZ	K0GK	ZL1BBW	N7KDT
W4PGM	N4WD	K0HQP		N7NM
W4WNT	N5PO	K1EP	105	N9AX
W8LYJ	N5TF	K2JK	9L1JT	NF7D
W8ZR	N6ER	K4GZ	AA4UJ	NN9X
WA3FRP	N6JM	K4RP	AA4XR	NS7K
WU4B	N7VPN	K5MMH	AA5H	OV5O
WX0Z	ND9M	K7PT	AB2NI	PA2SWL
WY2E	NQ2O	K8CJY	AC5O	PY2CP
XE1OX	NQ4A	K8FB	AH7G	R3LO
YB1RKT	OH3FVP	K9SUH	DJ8KM	RA6XV
	OZ2TF	KB9AIT	DL6DK	SM0EUI
107	SM3JLA	KC4PX	DL9NDV	UQ2GM
AD5MD	SP9IZV	KD3UY	EA1AZ	VA7DX
AI9U	SV2DSJ	KF8VX	EA1T	VE3MSK
AJ4IM	UR4CW	KJ6ZH	EA5XV	VE9RJ
DK3TL	UR4IOR	KK8MM	EI9FVB	VY2RU
DL2KUA	VR2XYL	LY2PAQ	F8GB	W1DAR
DL6ZNG	W1XY	LZ1HY	HB9CA	W1KMA
EA1AA	W3UI	M0RTP	IK0WMJ	W1USN
F1ICS	W3UTD	N0MR	IK2DJV	W3DAD
F8DZY	W6BBS	N4LB	IK4DCW	W4CU
G0RPM	W7SMW	N4WMB	IZ5IMB	W4RQ
G0THF	W8LWU	N8TFD	JA6MWF	W4WIV
G3RZP	WA2PNI	N9OK	JG3KMT	W5ADH
HA8UB	WA9IVH	NA7RH	JH1OGT	W6SIY
I4FGG	WB9UQE	NK7L	JH2AHZ	W7MD
I5XFD	WM4AA	NT4K	JH3AEF	W7VS
IK6CGO	WY9V	NZ0O	K2IUK	W8EH
JA1ASO	YB0WWL	OE9SLH	K4RM	WA0GOZ
JA1CJO	YO5OEF	OZ7BQ	K4VMT	WA4HXC
JA3GAK		RC3D	K5FXB	WA4RTE
JA7XRO	106	RV6ARZ	K6EGF	WA8A
JH1AQN	AA8SW	SA0AQT	K7AWB	WA9SQH
JH1XFR	AB6FI	TF3T	K7KJ	WB0CHS
JM1JZN	DL7AB	W0TF	KB1OIQ	WB3AVD
JM7TKK	DM3CW	W1EBM	KB5HC	WB4KZW
JP1GUW	EA2CLU	W1ECI	KB8ZUN	WB5IUU
K2GW	EA3LX	W1PY	KE7UL	WD1X
K2IE	EI4DQ	W2IY	KE8G	WK1J
K2WR	F5EOT	W2NY	KJ6YK	WO7V
K5ZO	F5RZJ	W3DIY	KL7XO	XE3ARV

YO6BHN	NY2E	K3HPA	WA8MOA	K5PV
104	OH2LHE	K4KZM	WA9BXB	K6VMV
AA6PG	OH3PYY	K4MQL	WB2EBS	K9QA
AA6XV	ON6NG	K5NV*	WB2GMY	K9WA
AF6O	PY2OP	K7RAN	WB3HLH	KA4JNB
DL6DCD	RW3QHN	K8CR	WB5TOI	KC4GKY
DS3EXX	SL0AS	K8TLC	WB8PKK	KD2SY
EA4DEI	SM5NAS	KA2F	WD4AFY	KE3ZT
F5VML	TI4SU	KB1CQ	WE9M	KE5FXE
G4GEE	VR2KF	KC1XX	WK5X	KK4CLY
GU0SUP	W1TW	KD1AB	WN5K	KM8V
HA0EQ	W5AP	KF8PD	YB9AY	KM9Y
I3DUB	W6FUV	KI0KN	YC6JRT	KO4PRE
IK4QJH	W7TUS	KI5GF	YO4AUP	KU0S
IV3EHH	W8PAT	KN4T	ZL1ANJ	KV1M
IZ8EYN	WA4TMJ	KP4GC	ZL2AO	KW4BY
IZ8FDH	WB6MBF	KS4Q	ZS1DX	LA9PHA
JA1KXY	WB9TFH	KT6LA	102	M0LUX
JA2DCN	WQ5G	KV8P	AA1DN	N1EDN
JA3MIO	WV8DX	KW9K	AA1IF	N1IN
JA4AO	YL2IP	LB8CA	AB5YI	N2MG
JA5EEU	YO5QAW	LU5OM	AC8TO	N3DAP
JA7TQK	103	M0PCB	AD5BV	N4DJT
JE4WOK	AC4CA	M5LRO	AD7XG	N4PAJ
JO4JDU	AC6ZM	N1KI	CT1YH	N8WL
JQ3TAN	AD0TR	N2QLT	DL2XN	N9HUK
JR2PAU	AF3X	N2ZL	DL5PW	NA3M
K0FF	DJ3NK	N3NVA	DS5JMG	NG4P
K2DF	DJ3XG	N4LS	EI5JL	NI7F
K2RNY	DL1ET	N4ST	F4HAB	NX3Y
K4KFH	DL1SVA	N5RA	G0UGO	NZ3L
K5RKS	DS4DBF	N5YY	G0UII	PF7M
K6JAD	EA4S	N6IBP	G3JFC	PR7AB
K6MYC	EI5GM	N6MXU	G4AYU	SM7TZK
K8TS	EI8IQ	NA8W	G8GNI	TF3VS
K9BJM	F3SJ	NC6RJ	HC1HC	UA2CZ
K9JDP	G3VDB	NM4Q	I7LGM	UN7BK
KA5JSM	GM4ELV	NX1P	IK2ECP	UX4UM
KA5RNH	HA0IT	RA3LD	JA3VQW	VA1SEA
KE1B	HL9HH	RM4C	JH1GNU	VA3OKG
KF0RQ	I0BJV	RZ6LB	JJ1KZZ	VA7FC
KF6E	I6XGZ	VE1GBD	JJ2BLV	VE3KKB
KF8AR	IS0/YO3RA	VE1HA	JO1MOS	VR2ZXP
KH6XT	IS0MVE	VE3GLA	JO3WHB	VU2LBW
KI4RD	JA8AQ	VE3MIS	K0GX	VU2MB
KK4MA	JA9IPF	W1VEM	K0ZM	W0FF
LA3ANA	JE4FNC	W3ATV	K1CN	W0PXM
LA9VBA	JF1MTV	W4TJE	K1HC	W4PM
LZ1SW	JH2CYU	W5SG	K2FJ	W5TZN
N3COB	JH5OTE	W6OP	K2MHE	W7YED
N3PS	JH7WQX	W6SA	K3IU	W8DN
N3STZ	JK2VOC	W6SFK	K4CKS	W9LU
N4PF	K1HDO	W7IH	K4NI	WA6VZN
N7YQ	K1ROA	W7PC	K4OP	WA8COB
N8PE	K2YEH	W8KTH	K4VUD	WM0G
NE6V	K3GP	W8LAQ	K5GZR	WS7I
		WA7IHN		YL3GDM

YO8PS	KK4ODQ	DL6ZBN	KU4A	W6PG
YV1AVO	KM4EX	DO2UDX	KX5U	W7NUW
101	KU9S	EA2RY	LA8W	W9COS
5P5Q	KZ1X	EA4D	MW2I	WA9EZT
AA2VG	LA9JKA	EI5GSB	N1GFV	WB2AMU
AE0MO	N0IRM	ES7GN	N2JNE	WB2BXO
AF3K	N1GNB	F1OBJ	N2XTT	WB2FKO
C93PA	N4VG	G4PUQ	N3CAL	WB2MKX
DJ3GZ	N6RVI	G4SGX	N3MX	WB4JPG
DK8IZ	N8LIQ	GI0VJE	N3PV	WB6RAB
DM5TI	NE5W	GM0VIT	N3TTT	WD0AJG
DO5SB	NK6O	HB9CZF	N4GOA	WD1Z
DS2BGV	PA1NHZ	HL4XM	N4UP	WI0E
EI3ISB	RW9LL	I8YAV	N4UY	WI7P
EI6GF	TF3IRA	IK2HLM	N5CR	WK3A
EW2CR	UA3FT	IZ4IRO	N6DKZ	WM1L
F2AR	UA3UCD	JA1BDF	N7ZT	WM9Q
F6ARS	UA9CIM	JA1EYN	N9AKR	YB0MWM
F8DHE	UR3HC	JA2ODB	NA9L	YB1BML
G4DDL	UY5AR	JA3BKP	NE3K	YB2IQ
G4VWI	V31CQ	JF3MKC	NJ4V	YB2TS
GW4TSG	VE6TL	JH1HRJ	NO2EL	YO2OXD
GW4WND	VK3FNJ	JH8CFZ	OE6BME	YO3GJC
HB9BNQ	VU3CAU	JJ1IRS	OM4KW	YO6HSU
HI3I	W3GP	JR1AHH	OZ1ZD	YU1LD
HL1SX	W5TSB	JR1LZK	PA3GFE	ZL3PAH
I2YPY	W5TUF	JR3ADB	R3DL	
IK2WSO	W6QL	K0MB	RA3UT	
JA1BJI	W7WT	K1YWW	RA6XB	
JA3WMS	W8JY	K2ITT	SM7DXQ	
JA5ALE	W9IE	K2RKJ	SP5BMU	
JA5XPD	W9QO	K2ZD	SP5ZCC	
JA8ANQ	WA3YGQ	K3CWF	SQ5M	
JH2AJY	WA7HR	K3RRR	SV8RMA	
JM1SMY	WD4OHD	K3SUK	TA2AD	
JR3TOE	WF3M	K4AEN	UA4PT	
JS6QOM	YB0AI	K4HEB	UX5XK	
K0HIP	YB1AYO	K4LRX	VA2GA	
K0SQ	YL7X	K5HX	VA3VF	
K1JE	ZL2LW	K6JBH	VE2ACP	
K1YA	ZL3NW	K7NW	VE3DS	
K2KNB	ZL3TE	K8ESQ	VP5JM	
K2RB	100	K8MRT	VR2IL	
K2UT	5N0ETP	K8OS	VU2DED	
K4TOR	A41ZZ	K9CHP	W0GXA	
K8ARY	A71XX	KB2S	W1FP	
K9EA	AA2MF	KB3KJ	W1KQ	
KA1NCN	AA2T	KB4CP	W2FS	
KA4IWG	AB4KJ	KB4FB	W2RL	
KB5NJD	AF8P	KC4DM	W3EP*	
KB8DID	AI4EY	KC8YG	W4LEW	
KC0V	AK4N	KE5MMT	W4MIR	
KD0AA	AK9B	KF9WV	W4UT	
KD1YV	DG0OAT	KG6KH	W4YR	
KE9UA	DL2YBG	KI6PG	W5IO	
KJ4FZ	DL3XAC	KJ4UZU	W5WS	
		KN4OK	W6OU	