

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 06 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 N2TK SP3EPK UA6A W4VQ WA4FFW WD5COV	330 9A7V CT1EEB F5NTV G0JHC G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV RU3DX SM5KNV SV1FJA VA3DX W2YC W5ZN 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 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 K2FF K4QL K4XP K8GG R7NW SP9DWT UA3LAR	318 OK1AWZ SP6CIK YO9HP		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	312 DJ5FI DK5WL G3TXF G3XTT JA5IU K5EJ K5KC N8TR RK4FD RX3AGD SP1S VE2TZT WK3N	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 K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ	311 DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A ON4AOI RN3QN	306 AC4G DJ8NK
			310 DL5DSM	

JE2URF JH3VNC K5EK WB3AVN	W8GC	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 WP4U	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 NN4X RA1QD RU6L WB6RSE
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC 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	275 AA5AM JE7ETY JE7RJS JE8BKW K0JUH K3MSB N1RR N5FG ON4ACG SM4CTT W1KSZ W5AJ	VE3BW VK3QI	266 CT1FMX EA3WD JA0DIN JA4EPE JA4IYL JA5XAE JL1ARF N5OK ND0N SM0NJO SP8FNA W9OO
284 G4IUF JA7ZP K3WC K8BCK KA9CFD UN7JX W1ECT	279 DL4CF E72U G4GIR HB9DDZ HK3W I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX JI2KXK KF0QR N8LJ SM5FUG SP1MGM W1ZK	274 CT1BH F4BKV I1JQJ IZ8VYU JA9NLE K1NU KD0Q N6ET W3DRY W6TMD W8TE WE9R	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC LA5LJA N3KV SM4AZQ W6SR W6UC WB9CIF	265 AJ3K CT3MD K4TT N7KA N7XR NY0V W9YSX
283 G4WFQ JF2XGF K0CS K1HTV KM1D MM0EAX RU3QR RW4NN SM6BZV W0FS	278 4Z5MU CX6VM EA2IA 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	269 IV3GOW JA2BDR JA3ENN JA4PXC K0TT K6SIK N7GR NX0I W2SM	264 KD6WW RD3AW SP1JRF WX0V
282 DK3DG DL9TJ EA5RM G3WPH K8YSE K9US LA9AJA UW2ZM W7BEM	277 AB4IQ DL6KR EA3JL G0OIL JA3FGJ K6YRA LU2NI ON4GG VE3FF	272 HB9DDO JA1ANR W1TYQ	268 DL5ZB DL6ZXG EA7TV EU1KY HB9HFN IK7JTF JI4POR JL1UXH K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	263 EI6FR K7EG KP2A N4QQ 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	267 DL7BA JH1NYM JR3OEH K1FK K4JLD K8BN LB8DC W4YV	262 K3KY K7BG K8GI WF4U WO2N
280 AF9H CU2DX DM5EE G5LP K8EUR				261 JH7IAJ K1GG K2NV K8VC K9XD LA3WAA W5XC W7MO

W8HW	JA3MHV	RU1AO	K4WA	K9JF
260	N5GH	W1YIF	K4XD	K9MBQ
JA2NDQ	W2FCR	W5CIA	K9OW	KK4CB
JF3LOP	W5ZG	W6NWS	RA5BM	LA2QM
K1BD	255	WA8WV	W0DJC	N4GN
K3LR	EW4M	251	WA6F	N5TW
N7NG	IK0HBN	EA5KA	246	SP6A
W5LT	JP1IOF	G0EHO	E73Y	W7SX
W6RW	OH2IS	K6FG	G0BLB	W8DCH
ZS1LS	SP5IWA	N1EN	GM3PPE	242
259	W4WM	NE8P	IK3SWB	EA3GHQ
JA1FQI	W8OI	SM4EMO	IW0SAF	F5PAC
JA2KVD	254	SV1JG	JA2VQF	IZ8DFO
JA9NFO	CT1GFK	W3GQ	JA3GN	K1LI
JH1ORA	DJ5JH	W7KW	JA3MNP	K2PK
JH9AUB	EA5AT	250	JA7MOL	K8ROX
K2LS	JA5BLB	HB9DHK	N4TJ	KI5BLU
K7NN	JL1RUC	JA1MRM	N6UC	LB6KC
N2TU*	K3RA	JA6BJV	UR3EO	N5XZ
SM6CUK	K3SV	K1HT	WX0B	NO2R
W8UV	K8TL	K5JZ	245	NW7E
258	KE9ET	N9FN	DF3UB	PY2KP
AB9V	N3QE	RN9N	DL1DA	PY2SP
DM2DXA	N8OC	249	DL5EBE	PY2XU
JA9TWN	VE7AHA	AA4R	JA9APS	TF3SG
K2AZ	W7LR	DL4SZB	K0II	W1YW
K5GKC	W8HC	IK5DNF	K6SRZ	241
KR4F	WD8PKF	JH1OBS	PA3EWP	EC3A
R9SA	253	K0BJ	PC3T	G3KWK
UN7LZ	4O3A	K4XI	PY4OY	G3VPW
W4FQT	DJ4XA	K6AM	RU6M	IV3DXW
W6VX	DL5CW	KF8UN	SM4BNZ	JA0DWY
W8LGJ	JE1BMJ	LB2TB	W2KKZ	JA1IZZ
WO7R	JJ3HGJ	N4EFS	W2WG	JH1RFR
257	K1LPS	RD3A	W3JX	K9OT
I2TZK	K1LT	WA9CVK	W5ADD	W2JU
IK2QPR	K3JT	248	WO2T	W2XI
JG0CQK	YO2DFA	AA1AC	244	W4BP
K2TK	252	AA4MM	EI9FBB	WA3AFS
K5WK	DL8OH	DK3WW	JN1RQV	WB9EEE
K9IR	EV1R	DK8MCT	K6KO	240
KB8VAO	JA7JWF	F6GCP	N5LZ	AF4HX
NA2M*	JA7MA	JA1WSK	SV3DCX	F5LVL
W0GJ	JF1WPB	JA8RJE	243	IK4PLW
WA9PIE	JF6DSZ	JE1LFX	9A1AD	JE7JDL
256	K0BBC	JH0BQX	I0JBL	K4EM
AC6HY	K3ND	W1VT	I2EOW	K5TA
CU2AP	K4FJ	247	JA1GTF	KB1JZU
DF2GH	K7LJ	F5CQ	JA9FAI	NS6C
G3VKW	N5UL	IK8EPC	JM1FHL	ON4ON
HB9CXZ	N9BX	JA1RTX	JN1BMX	VE3VHB
IZ3ENH	NU8Z	JA3APL	JS3CTQ	W7CT
	PY2RO		K0VSH	W8TN

239 G3KMQ JE3ENP JR2LJO K5ZD KQ8M LA0FA N3MN SM5OJH UX5UO W5FI W7ZJ	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	IK4FNF JA2CXF JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR RN8W SP8HKT VE3CRG W1SKU	224 AI2Q 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 JH8GYF K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO WB8B	226 AE5E DJ9ON EA3CJ JA4ITW K2EK K4ZIN N8PW NE3F PY2NQ VK3HJ	223 EI9JF EU1U JA7BWT K3ANS K7LV K9RT LB5WB N6HC ON4CAS SM5CBM W0HBH W5VX W6SL XE1VIC YL2TW
237 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 W2GG 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		221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP

JR6LLN	OH6NIO	YO3CD	K9TF	IV3TDM
KI0KB	ON6AA		KG9Z	K1KO
N0KV	W1RR	213	KT2E	K1NJ
N4TV	W6AUG	DK3UA	N2NS	K4JPD
OE1AZS	W6RKC	DK7YY	N4TL	K4YYL
PA3CSR	W7HPW	DL1SDH	N5BO	K7UT
SM3LGO		EA7SG	N9JV	KA7T
W0VX	216	EW1BA	OH1JP	LA2PA
WB3JFS	AB5C	JA7KY	W4WT	N1QY
WW3S	HB9CQK	K3OX	W9JJB	N3OC
	JK3BLD	N8II	WA5POK	RU9UC
220	JR7FRW	NN4R	WB5XX	YO2RR
HS1NGR	K1KA	NR4M		
JA0AOO	K8QM	SP7CVW	209	206
JA1PTJ	N4ONI		AC4TO	AB0CT
JR7WFC	N7TY	212	AE0P	JA1FNO
K1KI	N7UN	DL1HRN	DM1TT	K6NR
K1YR	UT3UZ	DL1TRK	IV3VBM	K6ZZ
K4EA	W0DD	IZ5JMZ	JT1CO	KA1J
N2WLG	W0RX	JR3HZW	KJ6NZ	LA6UL
UN7TW	W0SZ	K2AX	N3KS	NA9RB
W1OPD		K7VV	N4XP	W1NA
W8RLS	215	K7WJB	RU1AB	W2QO
WS5W	5B4AHJ	KJ9C	UA3ECJ	W7AL
	DJ9RR	KL0S	W3OOU	W9YE
219	DL1SMA	NN4SS	W4ZX	
JA2TBS	K1GE	RD3BD	W5SL	205
K4MS	K3XA	SV1GRE	W7NN	JA0NZR
K6FW	K7ZA	W3RJW	WB8ZRV	JA8EJO
KE9I	KB2FCV		WL7E	JH6PFY
KQ4AV	KF6HI	211	XE1KK	K1UU
SM0BYD	KX2A	CT3DL	ZL2AL	K2MYR
SP6M	LA7WCA	JH4CPC		K5QX
	N1GC	JN7DOS	208	KA8ZPE
218	N2WB	N2LM	EA8AXT	KU4XO
CT3HF	PA0ZH	PA7TWO	GW3SFC	LU8EKC
JA2AHH	PY2MC	RX4HW	JA0DET	RT0F
K1XM	VE7SZ	SM5AOG	JA1NWD	W1SSN
KS3F	W9ILY	W1AO	JA2ATE	W5DAW
S55DX	WB8K	W1WC	JA5WIZ	WA0I
W0AWL	WC4X	W4MAY	JA6WJL	
W5FKX	YB5QZ	W6SZN	JH6JMN	204
WB8CQV		W8MET	K7ZD	AI6Z
	214	W9EWZ	K9ZM	JA8JO
217	E70T	WW2DX	KR0P	JH4FEB
EA1RT	HB9IQB		RQ3A	K1CA
IK2ANI	JA1OND	210	SV1FKZ	K9GWH
JA1GRM	J14WAO	AA8OY	UA3FF	OH8NW
JA3LDH	K0LUZ	BH4IGO	UW7UA	SV1VS
JA5JUG	K5WAF	DJ5DT	W2OO	W2/CT1GIF
JK1GOK	K8RRT	JA2XCR	W5VY	W6KK
JR2UBS	K9NR	JA7LGE	WE1P	
JR5JAQ	N9ISN	JG3LGD		203
K3FRK	RU0SN	JG4AKL	207	DJ3GW
K6DT	W2AY	K5VWW	AA5AT	EA8AKN
OE3SGU	W4VIC	K7ORK	AC9EM	HA7UW
OE5RLM	YB0COU	K8KS	HB9BAT	IK0HFO

IK4HPU	N4MHQ	R9MJ	K6UM	JH1APK
JA3MHA	R3IS		N1JP	JJ1SKG
K1IT	VU2CPL	196	N5UW	JR1MLU
K3GT	W2OIB	F5PBM	ND5S	K4AV
K3OSX	W5GZ	G3SVD	PA0JSE	K4MZ
LA6OP	W8GNM	JA1VLK	SM4CTI	KQ4EE
N0RN	W8WRP	JR7XOD	SM7BHH	N6GP
N6HY	WB1S	K2BA	SP5ES	OZ8SW
SV9COL	WZ8P	K4CM	SV2DGH	SP3EPG
VE6LB	XE1H	K5FNQ	W5WP	UA0FO
VE7UF		K8BL	YL3DQ	W7SLB
VK3BDX	199	KA1ERL		
W8KA	I4MKN	KK1W	192	189
	IK5RUN	N7WS	AE6Y	AA4NC
202	JH4GJR	NA2AA	I2YWR	JA1DM*
JA8BNP	K1BZ	PY1OL	IK5ZUK	JA1OVD
JH4ADK	K2XF	UT7KF	JE8TGI	K2QMF
JH7BKN	KJ6P	W2FV	K6PJ	K4JC
K2FW	SM4BZH	W2YE	K8UT	K8TVD
K6TAR	UA0SC	W7AH	N7BT	N0RB
K6YUI	W2GW	WV4TN	OH8LXT	NI5F
PY5CC	W3OA		W1EQ	OH3OJ
SM3PZG	WA1S	195	W4GIW	PA5TT
SM5ENX	ZL4AS	A92BE	W4RFZ	PY2VA
W5BPT	ZS1A	AA8LL	W5ZO	RA3QUA
WA4CEM		AC6T	W6RS	SM2DMU
WD9DZV	198	DS5TOS	WA4BIM	SM7GIB
	CT3KN	HB9DOT	WP3R	SP9WZS
201	DF7EE	IZ2FOS	YO3DDZ	W0YK
CT1BWU	HK4SAN	K4MF		W2LE
F6ECI	K0DEW	K4OY	191	W5KFT
HK1MW	K5GH	K9GA	AD6W	WB2AA
JA1LSP	NA4EA	KX4TT	IK5CBE	WT3Q
JE1CTA	SP1DSZ	N1NY	IT9BLB	
JE2RDO	UA3O	N8SNM	JA1PMN	188
JG8FWH	W2PS	NA2P	JH1AGU	JA2FGL
K1JIU	W9PZT	SM5CLE	K0GY	JN1GTG
K8YTO	WB4YDL	TI5RLI	K1TO	K0TV
N9SF	WD4LBR	W4RDX	K1ZN	K7WE
SP6JIU		W8FIB	K7FL	KA4RRU
TI5KD	197	WD0DAN	K9OR	W4GE
VE3YF	DL9FCY	YO9FNP	KF0LA	W7HR
W2CG	IK2SGB		KR2Q	W7IV
W6AEA	JA2IYJ	194	KU4BP	ZL4TT
	JA3CMD	J11NJC	N8NN	ZP5JCY
200	JA8XQI	M0CSD	NX1L	
9K2OD	K4CMS	N1PM	SV1FJP	187
HB9RYZ	K6UT	VK3NX	W3ABT	DH0GSU
IK5MDF	K7UR	W5CWQ	W4UCK	IK4AUU
JA1SKE	KD6UO	W6ENZ	WC1M	IT9CVO
JA4XH	KM4H	YT2AA	ZS6WB	JA0LFV
JA7JI	KZ0X			JA2VMU
JH0RVY	N0AH	193	190	JR3UIC
K0KG	N1RK	IK0LNN	7K1PTT	K3PP
K7ZBV	N7HN	IW0HQE	EA2AFV	K4WZ
K8ZH	NG0T	JR4LNG	EW3CW	K5CD
K9ALP	PZ5RA	K5FZ	JA2KSP	K8DV

OH7TV OM7CA VE6SV W3MR	SM5FWW SV1IW W1UE W9FI WA0RVK	K3EA KE4UW OZ1IKY UT6UA W0GG WY1G	N0AMI N3NR OE2SCM RW4CY SP5JXK VE6AX VK4CAG W6DR WA5IPS WF2S	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 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 OZ7FOC 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 KM6HB	175 JA1JAT JA3BXF JA8LRG JH1DGQ JM2RUV K0EOO K4BYN	172 AB2E JL3JTD K4WNW KY6R N4JT N4OA N5ET N6RK W2NO

W3FOX
W3MF
W4DAO
W4WJ
W5JMW
YB1UUN

171
DL7JRD
G3UAS
IU0LFQ
JA1QIW
JH1IED
JH1WJR
JK1UVP
JR8AMF
K1JD
K9RR
KU2A
N4UOZ
N6UK
W1OP
W4CCS
W4NJ
W7WZ
W9BEA

170
BA4MY
EA2AA
IT9ODQ
JA3MF
JA3RQ
JA6SRB
JE1PHH
K0DD
KB9DAK
KD1F
KE1VT
KH2L
LU6ETB
N0ABA
N7KO
N09E
OE2GEN
PY2DS
W4HZ
WB6JXJ
YO2CMI

169
G3WGN
IT9AAI
K2RET
K3PU
K8OM
KT1J

NF1G
NX8Y
ON4ANN
UN3GX
W5LO

168
DL2NOM
EA5OX
I8DVJ
JA2FSM
JE2UFF
K1ACL
K7HC
KJ7TEA
N8AGU
SM4OLL
SP5MXZ
WA4AFE

167
AA7XT
CU3EQ
DL3KZA
I0KRP
JA3FHL
JA5BGA
JA5NPV
JA9CG
JH1APZ
JL2JVX
KQ1F
LU2CC
N4AL
R5QA
RA3LAL
RL3AA
WA8CDU

166
DL1QQ
G3WW
HB9DVZ
I2DMI
IZ4DIW
JA4KDT
JA7BEW
K8ME
KN6KI
W3BNN
W9JA
WB7QXU
WC4B

165
AA3LX
E70A

FG8OJ
HB9MFM
HC1BI
HI8R
JF3PNQ
JS6TWW
K5CR
K7JH
LX1KC
N2GZ
N8HRZ
OE3KLU
OK2BUZ
SV1GYG
W2YR
W9MO
WA0SXV
WA4VA
WA5LFD

164
DJ1TO
DL5XL
EW1KP
HA5BSW
HA5WG
IV3BKH
JA9KRO
JF1LZQ
JH1RGG
JH2HFD
K9UQN
KA9OKH
KK4OW
LU2DSL
LZ2ZG
N8OQ
N8PCN
PA0TCA
RA3BL
SM6WET
VE1OP
VR2MY
W1JA
W3HKK
WB8BZK
XE1MEX

163
AA4FU
FG5FR
IW0BYL
JA0KJD
JA8FFM
JG3RWX
J12EMF
KF9UG

KG8CW
KK0DX
NC4RB
NY4G
OZ5NJ
VK6LC
W5GA
WA2UKA
WA8JBG
YO3AIS

162
E73D
IK2VUC
IT9DAA
JA2NQG
JA8BZL
K1DJ
K2AT
K2RU
K4JKB
K4MM
K5RJ
KT2C
LU2AH
N2ZA
N9OY
NA5Z
W1YRC
W2OR
W6WA
W8PC
WB0N
WW1N

161
AJ4A
E74A
JA1BPA
JA1SDV
JF7RJM
JH0NOS
K3MD
K3WGR
K4HMB
K5IB
K8CC
KC6X
N3HBX
N6IE
N6TR
N8NA
NK0S
SM0DSF
SM5ARL
W1LY
W4KA

W5VU
W6DX
W6YOO
W8CD
W8HMK
W8IW
XE1RBV

160
AB4UF
DL7UPN
DM2RM
F9XL
JA0GCI
JA1MZL
JA4HAW
JA5PUL
JA7XBG
JF2WGN
JH1DGJ
JH3FHQ
JJ1BMB
JR3XUH
KI4WCQ
KW4V
LA5SJA
N2BT
N3RR
N3XM
ND6G
TA1CM
W0KCJ
W6CUA
WW4LL
YO4AUL

159
9M6YBG
AH0U
DL1MEV
F5NBX
HB9DDM
IK1UGX
IK8UHA
JA3NHL
JH1ACA
JH1IAQ
JK1TCV
K2TA
K4YJ
K5RA
LZ2JF
N4QM
N4TOL
N6MA
NA6O
OZ4VW

SP6AXW
W7VY
WV9L

158

AA8R
BA7IO
DL4NBE
DL5KUA
DL9DRA
JA1SHE
JA2ITK
K4XU
LA2GH
N2ZZ
N4DWK
R7LP
RU3UR
W1GQ
W2RA
WO3Z
WS1L

157

CT1DKS
G4AFJ
JA2EJI
JR4VEV
K2CDJ
K7LFY
K8WVA
N0VVV
NJ6D
UA4PK
VE3UZ
W4PV
W5PJR
W5RF
W7RN
W8BBQ
W9HBH
ZP5ALI
ZS2EZ

156

DK0EE
JA1QGC
JA4VLK
JA5BZL
JI1WLL
JK1UNZ
K6XN
KK9H
N4IQ
NA9Q
SP5ELW
W2FK

W7CA
WB2AQC
WM0X
ZL3RJ

155

5T5PA
9A1A
AA4DD
EA3EQT
GM0AXY
JH1SJN
JH1VHU
JR1DUP
K2DC
KR6C
KZ5DX
LA2RZ
N1MD
N3IQ
N4IG
N8AYY
N8WRL
N9XX
OM8FR
PA7RA
RN3QO
SV8LMQ
UN3G
W0NFL
W0VHF
W1AW
W2HUG
W4HOG
W7IUO
WO9S

154

DK3BK
G4FTC
JH7LBE
K0THN
K4QD
K4WFM
K8RF
KE4VU
KG4CUY
KK4HD
RA0BA
RD9M
RT5A
SM5BEU
SP6EII
W2UB
W2YK
W3KHZ
W4UEF

W5KI
W6NK
W8MHW

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

152

AF2C
EU1DX
G3LUW
IK0CHU
JA6GPR
JR1WCT
K4ZA
K9JU
KS4S
LB7ZG
SM2HWG
VE3EK
VE7XT
W0LYI
W1LE
W1MR
W1NK
W3NS
W4NZC
W4TNX
W7FI
W7IB

151

AA4FL
EA7OH
EI3IO
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

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
SM2GCQ
W1JGS
W4NBS
W9GXR
WA2MZX
WA4MME
WB4JTT
WV2I

149

AB1J
AL7TC
IZ4MJP
JA0LXP
JA1ADN
JA1SGU
JA4ZA
K0GW
K0KP
K3NF
K4WY
K8AV
KM2E
N7MB
N9IO
NJ7G
NX2X
ON5TW
W6RFF
W6ZO
WB0O
WW1WW
YB2TX

148

EC1AIJ
IZ4AIB
JA1CZI
JA6OXT
JI6IHG
JN3RBE
JT1BV
K4WJ
K7CMZ
N4NW
N6IG
NG0G
VE1VOX
W4MA
W8WFN
W9CSX
WB2HJV
WB3LHD

WS1E	W2JLK	KA0CDN	IK2WPO	JA7KQC
147	W4DEE	KE5PO	JE2VLG	JE1DXC
AB4SF	W6AER	KM8AM	JH1VUO	K2HT
AD6ZJ	W6OUL	N1KC	JH7LVK	K4JWA
DK6OR	W7TSQ	N4SC	K0PJ	K5HK
DL6KY	W8QZA/QRP	N7OJ	K1ZJA	KE8UM
EA5BZS	W9MJ	ND3L	K3NQ	KP4P
HA5PT	W9MR	NZ3O	K6IPM	LU8ADX
HL4CJG	W9ZCL	R7LA	N1BZ	N2PK
IK4HLO	WA2USA	W0QQ	NY9H	N3TR
IK8VRH	WA9DU	W2ZI	W1DXH	N4XYZ
IZ0BTV	WC3W	W6BCQ	W2TX	N6QI
JA4EVN	ZS6UT	W7QDM	W3DQS	NM1G
JA6NQT	145	W8SAX	W9IL	NN7X
JH1UBK	AA0KA	WA1YTW	W9ZJ	NU1B
JH8BOE	DL2RD	WC4H	WQ8T	RA0R
K2CYE	DL7UGO	143	WT9U	SM0XBI
K3PT	DL9GTB	AC6DD	141	VA7QI
K6ME	EI6IZ	AI8P	DF2UH	W3AKD
KB1W	F6KOP	DJ3AS	DL9ABM	W6GJB
KD7H	IK8GJR	IK1IYU	EI4BZ	YL2AP
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
146	UA5D	K8ZZU	N7DED	KH6DX
DD0VU	W0SR	KW9U	RW4NJ	KL7J
DK3QM	W1ER	N9KW	SP7ICE	KS3L
IK2DZN	W2FB	N9PGG	VE1JBC	LA9FFA
JA1WTI	WA5NFC	NA9A	VK6OZ	N1IA
JH3FUK	WB6CJT	NU4Y	W0MU	N6KZ
JH3GCN	YB2DX	NW8F	W0RXL	N8NB
K4MX	144	OZ1HPS	W1DYJ	NN6K
K4ZRJ	AA0MZ	RA3CO	W2HUV	PP1CZ
K6LRN	AA6PI	RX3BP	WA4NUF	W0TM
KI1U	AB5A	UA9AM	WE9A	W5THT
KK0M	AB5GU	US2WU	WQ6Q	WF1H
KK6T	AK5Q	W1ENE	140	WQ5R
LX1CW	EA7DUD	W2NRA	AA4US	XE1FAS
N5CQ	F1RAF	W3DM	AB0RX	138
N7JB	HL2EIZ	W3IZ	AD3C	AA4UC
N9JR	IZ7AUH	W9HZ	AG5W	AA5B
PY2IQ	JA0KJE	WB2GOK	EA3CZM	AC4VM
SP3F	JA1UXC	WC2L	ER0FEO	EW1LM
VE3UTT	JH1EIG	142	IK0WRB	HB9AZO
VR2CH	JH2RMU	AG4Q	IK7YZG	HK3PJ
W0MS*	JR1IZM	HL2DBP	IV3VCS	IK2HDF
W1NR	K0LB	HL3AMO	JA3EY	JA3XNH

JF1WLK	AA6RE	KO4PY	HP3TA	S53MJ
K2MK	AG1I	N3KN	I1YDT	SM0MPV
K2WK	CU3EJ	N4CT	IK6COX	UA3SAQ
KE7LU	DL5SBA	N4QWZ	JA0AXV	UA9AGX
KF4VTT	HL4CCM	N9MB	JA1FUI	VA7XX
N2KX	IK8PGE	OE3EPW	JA2BL	W0UVC
N7WO	IZ7EVZ	PT7CB	JA6BF	W0ZT
N8GP	J68HZ	SP7ASZ	JH4RLY	W5RYA
NU1T	JA3UCO	W0UC	JM3GXU	W5WLA
OZ0J	JA3WLN	W5BN	K2KIB	W7IU
SP5IXS	JA7NX	W6FL	K5ZQ	W9RB
TF4M	JP7FSO	WA3IIA	K8EB	YB4CHP
W0QD	K0SRL	WA3PBL	K8KY	
W1ZZ	K1SM	WB2NPY	KO1H	131
W2PP	K1TWF	WB4CW	KZ9DX	AA4EA
W4DN	K2AJY	WK8A	N4AOE	DJ2RB
W8TM	K4AMC	ZS1J	N4DJ	DL2TOS
WA2BOT	K4KAY		N4HN	DL4ZAB
WB2RAJ	K4YP	134	N8KU	F2NH
WI2E	K5YU	AG7N	NT5O	IZ3ETU
WN9Q	K8CS	CT1BWW	NW7US	JF2QNM
WT2P	K8JE	CT3CD	PY2DV	JH8JBX
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
IK3DVF	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	JI1MNT	W4SD
OE5JDL	CT3FN	W1OG	JN3TRK	W7NP
SK0QO	G4FJK	W1ZS	K4DSE	W8FAX
UT4UZ	HB9VAB	W2DXE	KJ6Y	W9UM
W0JMP	HK6K	W4UFO	KS4YT	WA6EZV
W6TK	JA3VPA	W5BK	KV4T	WA6TQT
W7KSK	JR1JGA	W6EJJ	KW4CQ	WB0PWA
W7QHE	JR7GBL	WA1NXC	N2XQM	WD8MGQ
W8UQ	K0FLY	WA3SKQ	N6VI	WW1V
WB2KSK	K4IE	WE2N	N8XI	
WB3D	K5LC	YB1TJ	NA4CW	130
WO5I	K5QR		NA4MM	7J1ADJ
YV5OIE	K7LY	133	NG7M	AA9AA
	K7WK	DL5JS	NH6T/W4	AB6BT
136	KD3HN	DL8JJ	NJ9C	DJ4SO
9H1AE	KN4JX	EA3CWK	NO0B	DL9GCG

DL9JI	MW0CBC	W3EF	N2SG	G3VAO
EA8MT	N3AIU	W5UE	N4LV	G3XLF
EC5A	N4GBK	WB5NHL	N4UW	IK0OPS
HB9FBG	N7BD	ZS2Y	N5JC	IK4TVP
HK3MCM	PY3SB	127	N6PEQ	JA1TD
JA4RED	UA0APV	AA3AZ	N8VV	JA2AH
JA8BAR	UY1HY	AI2S	OZ9GA	JA7HRM
JL1GYZ	VO1AU	DL5KUT	W1BYH	JA9GLW
JM1GHT	W2EQ	HA3OU	W4PG	JE6UWU
K0HB	W4LIA	JA1DIO	WB1DX	JM1LPN
K4ODL	W9RC	JA1FHK	WB2GAI	K2WJ
K4VX	WA1ZIC	JA1XRA	WB5STU	K3LA
KC4AA	WA5NOM	JH2PWY	WV1X	K6SLO
KF7NN	WD5BJT	JH3PRR	125	KB9S
KP4DKE	WY6N	JJ6DGP	7K1CPT	KF1P
LB8OH	128	JN1MKU	AA4LR	KM1R
M0IKW	4X4MF	K0AZ	AB2DP	KN9N
N0TR	7M4AOE	K3OK	AD4AA	KP4MS
N1NU	7M4CLF	K7PO	DL9BM	MU0FAL
N4LUF	A71AM	KV7N	EA1P	N1YX
N4XMX	AG8L	KW2J	ES3VI	N3KR
N7TM	AK4AO	KX9X	G0HIO	N6XT
N8IL	DL3BUE	N5QS	G8BCG	N7AU
PY2FN	DL6NW	ON8VM	HB9JG	N7ELL
SM5BNK	G4FKA	OT1A	HB9JOE	NC2Y
SO5AS	HB9HBZ	W4GP	IZ5EKV	NN4K
VE3FRR	HK3O	WA0WWW	JA2QCX	NS4F
W0AD	IT9ZZO	WA2ALY	JA6EXO	OZ9XU
W3JXP	JA0ED	WA7BNG	JO1ABS	W1ASB
W3ML	JA0EVI	WB2KSP	K2ZZ	W5WZ
W4NK	JA3AYU	WC0W	K5TIA	WA4QMQ
W4SW	JA6JNF	WC5E	K6BZS	WA8RCK
W7FP	JE3BIQ	YT7T	K7QA	WA9BZW
W7LGG	JE4CIL	126	K8GWU	WB4SON
WK9U	JM1HJG	AD5WB	KG5VK	WD6T
WO5D	K2QB	DK3FB	KM9E	WR7Q
WX3P	K4LQ	EA4EPY	KQ5M	ZS6NJ
129	K8ROK	EA6EE	N3OUC	123
AF4OX	K8YE	EW4A	N4ENE	AB6CF
CX2CC	KA1O	G4NBS	ND4X	AC0W
DF7GG	KD2GC	JG1SWM	PT2CSM	AC4BT
DL3LAB	KE3X	JG3KLF	PY2RN	DD0VE
EA5DFV	KE4BKL	JH4GNE	RT2O	EA2AAZ
GM0CWR	KF7F	K1EDG	SV1CQN	IK1RLI
JA1KXT	KL1V	K4ZMV	SV1EOG	IK4BHO
JA1TGO	N2AJ	K8FZ	W1MJB	JA2CXK
JA7EU	N4KM	KC8IVC	W1XV	JA2JRG
JA7JPZ	N4MEC	KI3O	WD8KND	JA2KSI
JF7NNI	N9JCS	KI5GD	XE2YWH	JA3AVO
JR0EQQ	N9LEO	KN7Y	124	JA7KE
K3VPZ	NC4RY	KS0M	BG8PA	JA8EOT
K6QU	NY1V	KS4XQ	CU3AN	JE1HRC
K7VC	SM6DIN	LA7EIA	DF3EC	JE3GUG
K8YYY	SV2JU	M0VCB	DM5JBN	JH0NBN
KF4NEF	VY2MC	N1SZ	F8EZE	JH6WDG
LU2JCW	W1PNR			K0KM

K1QN	VE7VF	YB1AR	KB4CRT	KB1AWM
K3GO	W1GF	YO3JF	KK4QN	KB2XJ
K4GO	W4AO		KV4AA	LY3BS
K8GT	W4PNY	120	LA4C	N1FOJ
KC4HN	W4RS	DL1EV	LZ2HM	N3MLV
KF2DT	W7BJN	DL2VFR	N0ATQ	N3RW
LB5GI	WA6KHK	EA5B	N0ODK	N9AZZ
N6NT	WB1EAZ	F4WDL	N1DC	NA5S
NC1M	WN0L	IK7YCE	N2RR	OE3JAG
NS3L	WR2G	IQ2VA	N3CW	TA1L
NZ5O	WV1R	IZ5EBL	N6OJ	VA2IG
OH2BEN	ZS6IR	JA3BLN	NA2R	VE3PNT
PT7DX		JF1EGO	NK7Z	VR2PX
SV2BXA	121	JG1WNO	SK6SJ	W3ACO
VK2CA	EI8GS	JH1LZU	SM6NJK	W4SKW
W0MS	F6FYD	JH6CDI	SV8QG	W5SJ
W0PE	GM3WIL	JI3BFC	VA3HP	W6GM
W2PSU	HB9BOI	K1TKL	VE4JBB	W6WF
W2XX	IK4TVQ	K3SF	VR2XMT	WA3GM
W4GKR	IK5BOH/2	KD2SC	W5UHQ	WA4USA
W6PH	JA0MRW	KD4POJ	W6IS	WB4PWZ
W9ROG	JA2ACI	KF8HR	WA3YZD	WZ6Z
WA8Y	JA8EIA	KI4TZ	WA9JWL	XE1R
WB4GLI	JH1AEP	N2CG	WB2ZAB	YB1RUS
WC4V	JH1SBE	N4JQQ	WB3BFC	ZS5LEE
WQ1H	JR4CZM	N5BA	WB8IZM	
	K0FG	N5PA	WB9WHQ	117
122	K0QQ	N9DJ	WD4IXD	AB4GE
9A3LYL	K3AR	NO2C	WY0V	AJ8MH
AA7FL	K3IXD	NW4M	ZL1WG	DF2UA
BV1EK	K3JM	PY2SEX		EA5HM
F5RQQ	K3RWN	SV3AQR	118	EI7GY
HB9BEM	K4GM	VU2PTT	AA4NG	EI8IU
HB9GWJ	K4SAF	W0UY	DL2RUG	F4DSE
HB9IIO	K7STO	W4AFB	DL4FDM	G3PSM
IK6BOB	K8CXM	W5DM	DL5MX	G7SSE
IV3BSF	K9QJ	W5EC	G0MFO	HB9PUE
IV3KCB	KC9WPS	W6DE	G3YFE	HL4GHT
IZ8EJB	KD8BZY	W6HDG	G3ZEM	IK0XIH
JA0CIU	KM7R	W7HUY	G4CWD	IZ0GYP
JA1CPU	KT5X	WD9FLI	GW0ANA	JH8KFE
JA3EEM	N2KI	WN7J	HB9DLE	JL3DGI
JA8ZO	N4BAF	YE6YE	HL3ERJ	JR1SLU
JE8IGW	N4TKF	ZS1C	I5CRL	JR6GHN
JH0OXS	N7WR		IT9IPQ	K0MP
JM1ESG	NY7T	119	JA1SZN	K0PC
KD0S	NZ3M	DS5ACV	JA2NNF	K4AR
KF2OG	OE1HHB	HA8UT	J11FXS	K4AU
KF8DX	W1OK	HB9DVO	JJ2KDZ	K4SX
KT8D	W3NRJ	JA0CVC	K1TU	K4ZIW
LA6EIA	W4AEJ	JA1DXR	K3IZ	K5GM
NI4Y	W4EB	JA7VEI	K5WE	K6CF
NU4B	W4NE	JM1GYQ	K6UXO	K8ZM
OZ3SM	W5FL	JR2CFD	K7UPJ	KB8KIM
SM2EJE	W5MF	K0IIR	K8IKE	KE1IU
UA6LCN	WA6JA	K1FE	K8WHA	KG6D
VE7ON	WW8RT	K1LTJ	KB0V	KK9T

KM1H	N4QVM	KE8NOA	N8AID	WY7M
KM4NS	N6NBB	KJ4EX	N8KUS	XE2MX
KM5G	N6VH	KK0T	N9NB	YB0EIN
KS9R	NV4A	KK5OQ	NG4C	YE1AR
KU4V	OH1NSJ	LT1F	NR0T	YV4DYJ
LX2PA	PA2R	N0OP	ON6KE	
N0IW	SM1NJC	N6DHz	PP2FN	112
N8JK	UA1OM	N7NF	PV8DX	7N4OBV
N8WXQ	VU2ABS	N8SHZ	W4TTY	AA3K
NC8I	W0ANZ	ND4Q	W7BV	AA7UN
NL8F	W0QC	NK2H	W7HJ	AA9WO
NW2I	W1GWN	PV8ABC	W8UMA	AC9O
ON4AGX	W4ARK	UU1JA	WD1M	AD1S
PT2BW	W4CZ	VK3OT	WG0G	AD4YQ
SV2CLJ	W4DFU	W2HAZ	WN6K	AE4M
SV3RKM	W7RR	W5GO	WR2V	DF2WF
TA1AL	W7VJ	W5HNK	XE1EE	DF5CD
TF3DT	WA2EOV	W6QON		DJ7JC
UT2VC	WA8LOW	W9RXJ	113	DL8DYL
V51YJ	WB4DNL	WB2P	6K5AQY	G4DBW
VE7ACN	WB8FIW	WN1M	A92IO	HK4EB
W1UN	WC2C	YO3HOT	AC9X	IK0UTM
W3WN	WF4W		AK1P	JA0HC
W4OWY	WJ1B	114	EA2J	JA9RT
W6KR	WQ5C	AA4H	EA8TZ	K0PX
W8BI	WV4V	AD4XV	G4RGK	K0UBR
W8VK	WW0E	AK3E	HB9HHH	K1KOB
W9BB		BA4TB	IZ0FUW	K2DW
WP4CQ	115	CT1ELF	JA2MNB	K4NTO
WS4H	AA5N	HL3DE	JA4JSV	K4ULA
ZL1ANH	AB0S	IZ5GST	JH3GRO	K5VR
ZP5FGS	AC0B	JA2LHG	K0HD	K6EGW
ZP6VT	AJ8B	JA3VUI	K0XM	K6LD
ZS4JAN	CT1DOF	JA7MAD	K2SD	K6MKF
	DF8FT	JE1LPZ	K2TG	K7DS
116	DH3KM	JK1MZT	K6OJ	K7SX
4X1EL	DS5DNO	JR1ATQ	K6ZP	K8LE
E77S	G0JJG	JR1EYB	K8SM	K9UVK
HK1X	I6DQE	JR1VAY	KC2SST	KD9ZR
HL5BMX	IU8HEP	K0BRO	KW1DX	KP3R
JA2DHG	JA1OVF	K1QQ	N1ZJ	KR4DA
JA3UNA	JA7FAS	K4TXJ	N6RC	LU3XX
JA9IWR	JA8GSN	K6GWN	N8RF	N1BB
JH3GFA	JH1RVQ	K6PT	N9RE	N3NO
JO1LVZ	JH4VDP	K8AO	NJ0F	N4WOT
K0BFR	JK1SAI	KA1DJ	ON6LY	N5OP
K4IU	K0IL	KM3J	ON7BJ	NN2D
K7VS	K1HJC	KM4HQE	VE7BZ	OZ7QB
K9LCR	K4MIH	KX2S	W4CC	PY6TS
K9ZG	K4MIJ	LA4RT	W5RDW	R3BB
KC1ERO	K5AX	LA4WJ	W8AEF	R7NA
KU1T	K5LY	LA7QI	W8PE	SP1NEN
KU8X	K8LBT	LA9XGA	WA1EHK	VA7ZT
LA2IR	K9EXY	LU1FM	WA2AOG	VE3GFN
N2SU	KB0EL	MM0BQI	WB9MSM	VE7NY
N3ER	KC2WUF	N2YBB	WK1Q	VK7ZE
N4HGZ	KE7PB	N6RJY	WW5L	VU3WEW

W1RG	NR5R	K2GLS	F4GVO	AC7ZG
W4EJG	OE1JIS	K3EE	G4EHT	AE4VJ
W4JVN	RV3GW	K4AFE	G4UZG	CO7RG
W4UAT	UA6MA	K4DET	HB9DRS	DH4RL
W5FPT	VE3EDY	K7JI	IK0XKP	DJ5EY
W5MJ	W1HEO	K9AQ	JA0HXV	DL3ANK
W5TFV	W3WH	K9GY	JA6JYM	EA5DKU
W6CN	W5WI	KA1API	JA9IFF	EA8TK
W9LYN	W6IHA	KB2RA	JF6AKS	F5UJK
WB4CTX	W6ZPL	KB4FXE	JI4HKA	G0KHO
WB4FNH	W7AM	KB4KBS	JI5RPT	G3VXJ
WX4TM	W8QWI	KB5GT	K0MFI	G4SSH
YU1GM	W9GG	KI0I	K1RY	I7PXV
ZS6NK	W9KX	KK4TK	K4BNF	JA0DBQ
	W9MMZ	KM5VI	K4RDU	JA2CPD
111	W9WO	KS0Y	K5VG	JA2VHO
8P6SH	WA6URY	LA4JGA	K6JJ	JA4CZM
AA8KY	WA7HQD	N2KW	K7CU	JA5OP
AC0X	WD9IOK	N2TC	K7IA	JG1LBN
AI1W	WE2L	N4ANV	KC5LT	JG2LGM
AI4WW	WF2Y	N4CO	KD4W	JJ7XTV
DK9WZ	WO2Q	NU0Q	KP4AH	JK7LXU
DL1DH	WZ1Q	NW6V	N1UZ	JR3QHQ
EA2AGV	ZP9MCE	OZ9U	N9BVA	K1KZ
EA4EJP		R0QA	ND1T	K4DB
EI1DG	110	R6AZ	NN4RR	K4JDV
EU1TT	AD8NQ	SM0CXU	NR3Y	K5LA
F4DVO	DF1JM	SV8RX	NS4X	K6NS
HB9LAK	DL2AMD	TF1A	NX3A	K6XJ
HC1HN	DL4IW	VE2GHZ	OZ6PI	K7QBO
I2QMU	DL8XDA	VE3YV	R2ARR	K8BB
IC8SQS	DM3XRF	W0QL	SV1XV	K8ZT/QRP
IK2PZC	DS4CNB	W0VM	SV3EXP	KD4RH
JA3HBF	F5NNN	W3KN	TA6N	KD4SN
JA3QOS	G3WXX	W3SB	TF3JB	KE4KMG
JA9FO	HB9AGO	W4GF	VK2DAG	KE9XN
JE1GWO	IU8IYE	W5SUM	W1KDA	KX5V
JH8GEU	IZ0GKB	WB8EKG	W1RH	LU4FW
K0RW	IZ8EKL	WQ5T	W4DWS	MM1PTT
K1VMI	JA0JPD	WY4I	W5XU	N1HO
K1XE	JA0UMV	XE1L	W6EKR	N1TA
K3GW	JA1EMK	YB4IR	W7XE	N4KEB
K3HW	JA1KZP	YV5LI	W8EOG	N8KOJ
K6DJ	JA2KTP		W9KM	NN7A
K8CCV	JA4HXF	109	WA4YYM	NT6AA
K9ARZ	JA7GAP	4Z4KX	WA5YNB	OZ1OXQ
KA4H	JE3CHA	AA4MD	WA7BNM	PJ2HB
KB2HK	JF1KKV	AA4ZK	WA8LRW	PV8RR
KI7M	JH8FIH	AA8BN	WB2UFF	S51DD
KJ4YLO	JJ2VLY	AF8C	WI7N	SP5LKJ
N1KM	JM1GAW	AJ9K	WY7FD	VU2IT
N2FY	JP1NWZ	CT1CQK	ZS2ACP	VU2OT
N3BOB	JR0QFA	DL1TPY		W0YDB
N5RN	JR1RCQ	DL2RTL	108	W2GHD
NC6K	JR2PZX	DL9QJ	7L3SQL	W2ZK
NE1RD	K0HP	EA3BL	9A3ST	W4EW
NJ1H	K1LZ	EA3GCT	9A5SSS	W4GD

W4PGC	N5PO	K0GK	YO3NL	N6VNI
W4PGM	N5TF	K0HQW	ZL1BBW	N7KDT
W4WNT	N6ER	K1EP		N7NM
W8LYJ	N6JM	K2JK	105	N9AX
W8ZR	N7VPN	K4GZ	9L1JT	NF7D
WA3FRP	ND9M	K4RP	AA4UJ	NS7K
WU4B	NQ2O	K5MMH	AA4XR	OV5O
WX0Z	NQ4A	K7CTV	AA5H	PA2SWL
WY2E	OH3FVP	K7PT	AB2NI	R3LO
XE1OX	OZ2TF	K8CJY	AC5O	RA6XV
	SM3JLA	K8FB	AH7G	SM0EUI
107	SP7QHR	K9SUH	DJ8KM	UQ2GM
AD5MD	SP9IZV	KB9AIT	DL6DK	VA7DX
AI9U	SV2DSJ	KC4PX	DL9NDV	VE3MSK
AJ4IM	UR4CW	KD3UY	EA1AZ	VE9RJ
DK3TL	UR4IOR	KE6V	EA1T	VY2RU
DL2KUA	VR2XYL	KF8VX	EA5XV	W1DAR
DL6ZNG	W1XY	KJ6ZH	EI9FVB	W1KMA
EA1AA	W3UI	KK8MM	F8GB	W1USN
F1ICS	W3UTD	LY2PAQ	HB9CA	W3DAD
F8DZY	W5UQ	LZ1HY	IK0WMJ	W4CU
G0RPM	W6BBS	M0RTP	IK2DJV	W4RQ
G0THF	W7SMW	N0MR	IK4DCW	W4WIV
G3RZP	W8LWU	N4LB	IZ5IMB	W5ADH
HA8UB	WA2PNI	N4WMB	JA6MWF	W6SIY
I4FGG	WA9IVH	N8TFD	JG3KMT	W7MD
I5XFD	WB9UQE	N9OK	JH1OGT	W7VS
IK6CGO	WF8R	NA7RH	JH2AHZ	W8EH
JA1ASO	WM4AA	NK7L	JH3AEF	WA0GOZ
JA1CJO	WY9V	NT4K	K2IUK	WA4HXC
JA3GAK	YB0WWL	NZ0O	K4RM	WA4RTE
JA7XRO	YO5OEF	OE9SLH	K4VMT	WA8A
JH1AQN		OZ7BQ	K5FXB	WA9SQH
JH1XFR	106	RC3D	K6EGF	WB0CHS
JM1JZN	AA8SW	RV6ARZ	K7AWB	WB3AVD
JM7TKK	AB6FI	SA0AQT	K7KJ	WB4KZW
JP1GUW	DL7AB	TF3T	KB1OIQ	WB5IUU
K2GW	DM3CW	W0TF	KB5HC	WD1X
K2IE	EA2CLU	W1EBM	KB8ZUN	WK1J
K2WR	EA3LX	W1ECI	KE7UL	WO7V
K5ZO	EI4DQ	W1PY	KE8G	XE3ARV
K6AHG	F5EOT	W2IY	KJ6YK	YO6BHN
K8POM	F5RZJ	W3DIY	KL7XO	
K8ZEE	GM0NAI	W4LZW	KM4AF	104
K9AAN	HB9ECS	W4OEP	KN7K	AA6PG
K9XR	HB9HFM	W5GML	KO4XM	AA6XV
KI0G	HC4L	W5PD	KR4U	AF6O
KI2D	HG6IA	W6TGI	LU9DO	DL6DCD
KI7HO	HL1XP	W9FY	LX1EL	DS3EXX
KM2O	HL4CBX	WA3DCG	LY3BA	EA4DEI
KM4FI	IK5TBK	WA6HBR	N1XL	F5VML
KP4N	IZ4COT	WB8RFB	N2PL	G4GEE
KR9A	JA6ENL	WD3P	N3AS	GU0SUP
N2RD	JF1CZQ	WS7W	N3ZA	HA0EQ
N3YZ	JH8DEH	XE1V	N4FN	I3DUB
N4KZ	K0CF	YB0JH	N5OGP	IK4QJH
N4WD	K0GEO	YC0LOW	N6DW	IV3EHH

IZ8EYN	WB9TFH	KW9K	102	M0LUX
IZ8FDH	WQ5G	LB8CA	AA1DN	N1EDN
JA1KXY	WV8DX	LU5OM	AA1IF	N1IN
JA2DCN	YL2IP	M0PCB	AB5YI	N2MG
JA3MIO	YO5QAW	M5LRO	AC8TO	N3DAP
JA4AO		N1KI	AD5BV	N4DJT
JA5EEU	103	N2QLT	AD7XG	N4PAJ
JA7TQK	AC4CA	N2ZL	CT1YH	N8WL
JE4WOK	AC6ZM	N3NVA	DL2XN	N9HUK
JO4JDU	AD0TR	N4LS	DL5PW	NA3M
JQ3TAN	AF3X	N4ST	DS5JMG	NG4P
JR2PAU	DJ3NK	N5RA	EI5JL	NI7F
K0FF	DJ3XG	N5YY	F4HAB	NX3Y
K2DF	DL1ET	N6IBP	G0UGO	NZ3L
K2RNY	DL1SVA	N6MXU	G0UII	PF7M
K4KFH	DS4DBF	NA8W	G3JFC	PR7AB
K5RKS	EA4S	NC6RJ	G4AYU	SM7TZK
K6JAD	EI5GM	NM4Q	G8GNI	UA2CZ
K6MYC	EI8IQ	NX1P	HC1HC	UN7BK
K8TS	F3SJ	OH3PYY	I7LGM	UX4UM
K9BJM	G3VDB	RA3LD	IK2ECP	VA1SEA
K9JDP	GM4ELV	RM4C	JA3VQW	VA3OKG
KA5JSM	HA0IT	RZ6LB	JH1GNU	VA7FC
KA5RNH	HL9HH	VE1GBD	JJ1KZZ	VE3KKB
KE1B	I0BJV	VE1HA	JJ2BLV	VR2ZXP
KF0RQ	I6XGZ	VE3GLA	JO1MOS	VU2LBW
KF6E	IS0/YO3RA	VE3MIS	JO3WHB	VU2MB
KF8AR	IS0MVE	W1VEM	K0GX	W0FF
KH6XT	JA8AQ	W3ATV	K0ZM	W0PXM
KI4RD	JA9IPF	W4TJE	K1CN	W2NY
KK4MA	JE4FNC	W5SG	K1HC	W4PM
LA3ANA	JF1MTV	W6OP	K2FJ	W5TZN
LA9VBA	JH2CYU	W6SA	K2MHE	W7YED
LZ1SW	JH5OTE	W6SFK	K3IU	W8DN
N3COB	JH7WQX	W7IH	K4CKS	W9LU
N3STZ	JK2VOC	W7PC	K4KZM	WA6VZN
N4PF	K1HDO	W8KTH	K4NI	WA8COB
N7YQ	K1ROA	W8LAQ	K4OP	WM0G
N8PE	K2YEH	WA7IHN	K4VUD	YL3GDM
NE6V	K3GP	WA8MOA	K5GZR	YO8PS
NY2E	K4MQL	WA9BXB	K5PV	YV1AVO
OH2LHE	K5NV*	WB2EBS	K6VMV	
ON6NG	K7RAN	WB2GMY	K9QA	101
PY2CP	K8CR	WB3HLH	K9WA	5P5Q
PY2OP	K8TLC	WB5TOI	KA4JNB	AA2VG
RW3QHN	KA2F	WB8PKK	KC4GKY	AE0MO
SL0AS	KB1CQ	WD4AFY	KD2SY	AF3K
SM5NAS	KC1XX	WE9M	KE3ZT	C93PA
TI4SU	KD1AB	WK5X	KE5FXE	DJ3GZ
VR2KF	KF8PD	WN5K	KK4CLY	DK8IZ
W1TW	KI0KN	YB9AY	KM8V	DM5TI
W5AP	KI5GF	YC6JRT	KM9Y	DO5SB
W6FUV	KN4T	YO4AUP	KO4PRE	DS2BGV
W7TUS	KP4GC	ZL1ANJ	KU0S	EI3ISB
W8PAT	KS4Q	ZL2AO	KV1M	EI6GF
WA4TMJ	KT6LA	ZS1DX	KW4BY	EW2CR
WB6MBF	KV8P		LA9PHA	F2AR

F6ARS	UR3HC	JA1BDF	N5CR	WM9Q
F8DHE	UY5AR	JA1EYN	N6DKZ	YB0MWM
G4DDL	V31CQ	JA2ODB	N7ZT	YB1BML
G4VWI	VE6TL	JA3BKP	N9AKR	YB2TS
GW4TSG	VK3FNJ	JF3MKC	NA9L	YO2OXD
GW4WND	VU3CAU	JH1HRJ	NE3K	YO3GJC
HB9BNQ	W3GP	JH8CFZ	NJ4V	YO6HSU
HI3I	W5TSB	JJ1IRS	NN9X	YU1LD
HL1SX	W5TUF	JQ1YIW	NO2EL	ZL3PAH
I2YPY	W6QL	JR1AHH	OE6BME	
IK2WSO	W7WT	JR1LZK	OM4KW	
JA1BJI	W8JY	JR3ADB	OZ1ZD	
JA3WMS	W9IE	K0MB	PA3GFE	
JA5ALE	W9QO	K1YWW	R3DL	
JA5XPD	WA3YGQ	K2ITT	RA3UT	
JA8ANQ	WA7HR	K2RKJ	RA6XB	
JH2AJY	WB8TGY	K2ZD	SM7DXQ	
JM1SMY	WD4OHD	K3CWF	SP5BMU	
JR3TOE	WF3M	K3HPA	SP5ZCC	
JS6QOM	WS7I	K3RRR	SQ5M	
K0HIP	YB0AI	K3SUK	SV8RMA	
K0SQ	YB1AYO	K4AEN	TA2AD	
K1JE	YL7X	K4HEB	UA4PT	
K1YA	ZL2LW	K4LRX	UX5XK	
K2KNB	ZL3NW	K5HX	VA2GA	
K2RB	ZL3TE	K6JBH	VA3VF	
K2UT		K7NW	VE2ACP	
K4TOR	100	K8ESQ	VP5JM	
K8ARY	5N0ETP	K8MRT	VR2IL	
K9EA	A41ZZ	K8OS	VU2DED	
KA1NCN	A71XX	K9CHP	W0GXA	
KA4IWG	AA2MF	KB2S	W1FP	
KB5NJD	AA2T	KB3KJ	W1KQ	
KB8DID	AB4KJ	KB4CP	W2FS	
KC0V	AF8P	KB4FB	W2RL	
KD0AA	AI4EY	KC4DM	W3EP*	
KD1YV	AK4N	KC8YG	W4LEW	
KE9UA	AK9B	KE5MMT	W4MIR	
KJ4FZ	DG0OAT	KF9WV	W4UT	
KK4ODQ	DL2YBG	KG6KH	W4YR	
KM4EX	DL3XAC	KI6PG	W5IO	
KU9S	DL6ZBN	KJ4UZU	W5WS	
KZ1X	DO2UDX	KN4OK	W6OU	
LA9JKA	EA2RY	KU4A	W6PG	
N0IRM	EA4D	KX5U	W7NUW	
N1GNB	EI5GSB	LA8W	W9COS	
N4VG	ES7GN	MW2I	WA9EZT	
N6RVI	F1OBJ	N1GFV	WB2AMU	
N8LIQ	G4PUQ	N2JNE	WB2BXO	
NE5W	G4SGX	N2XTT	WB2MKX	
NK6O	GI0VJE	N3CAL	WB4JPG	
PA1NHZ	GM0VIT	N3MX	WB6RAB	
RW9LL	HB9CZF	N3PS	WD0AJG	
TF3IRA	HL4XM	N3PV	WD1Z	
UA3FT	I8YAV	N4GOA	WI0E	
UA3UCD	IK2HLM	N4UP	WK3A	
UA9CIM	IZ4IRO	N4UY	WM1L	