

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 Aug 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	K4PI W3LPL	R7LV W1MK	K3UA W1YY	332 DL4MCF JA5AQC OE6IMD SP7VC UT5UIA	IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ
357 W1NH	347 JA4DND K4DY OZ1LO SM4HCM	341 DJ6RX OH5VT PY2XB SM5CEU SM6GZ W8UVZ	336 HA8IE JA2WYN N3XX SM3GSK UR0MC UT5UGR	331 K1UO N1RJ N8DX OK3GU RA7A SP5CJQ	328 G3KMA GM0GAV HA5WA HB9BGV I5KKW IK8HJC JF2MBF K0SR K3FN N2LT N3SL N4CH R3OK SM5KNV SP3E SP7GAQ SP8AJK UA3DPM W3NO W5EU
355 EA8AK					
354 K4MQG K5UR OH1XX	346 4X4DK I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	340 JR3IIR KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	335 GM3POI JA1BK JA8EAT N2TK UA6A W4VQ WA4FFW WD5COV	330 9A7V CT1EEB F5NTV G0JHC G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV OE3GCU RU3DX SV1FJA VA3DX W2YC W5ZN YO3APJ	
353 JA1ELY OH2BU W9ZR	345 K4CIA N0XA N4CC				
352 N4WW W1JR		339 JA5AUC K4ZW OH1MA R4GM UA3AKO	334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE SP3EPK W0BV		
351 K2TQC SP3GEM W1NG	344 SM5AQD UA4HBW W7UT				
350 SM0AJU W4ZV	343 K8MFO LZ2DF PE5T SM3EVR W3UR WB9Z	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T W4QCU	333 EY8MM I4EWH IK4WMA JH4UYB UA3AB		327 DL1RWN EU7A K4UTE N2QT RZ3AM S58T W8AV
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE N1DG	337 JA3FYC		329 AA1V DJ2YA EA6SX I5NPH	

326 IK4DRY JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	UA6MF W0FLS W4DKS WX4G	N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K1MM K1ST K9RX LA7JO LZ2JE SM6CMU W5OZI W7OM	W0VTT W9RN	305 AC4G F6BLP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP
325 AA7A AG9S IK5HHA JA2QPY JA3EMU K5BG KD5M N4PQX NJ6P OE1WEU OH2FT PA3FQA R7AA SP3IBS SP8NR W1GL W9RPM YU1FW	322 IK1GPG JA1XEC K2FF K4QL K4SO K4XP K8GG R7NW SP9DWT UA3LAR	318 OK1AWZ SP6CIK YO9HP	317 DL7MAE HL3IUA LA5IIA ON7TK S59Z UA3AP UT9FJ	309 DK1FW EI7BA IZ5DKJ JF1PUW JH2FXK JJ3PRT KG7H N4II OH1LEU SM6DHF W1DIG W4UM	304 I4LCK JF3KON K3WW N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU SV8BHN W3GG
324 9A2EU CT1APE IZ0AEG K2RR OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	321 E72A EA5BM F6BEE JA2JW K1ZZ K8PT N0AT N2NL N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JG1ULJ K9FD* N7RT SV1RK W6XA YO5BRZ	312 DJ5FI DK5WL G3TXF G3XTT JA5IU K5EJ K5KC K9NW RK4FD RX3AGD SP1S VE2Tzt WK3N	308 EA9IE FK8CP JH4ADV K3JGJ K5ZK K8SIX N4MM N5UR SM6CCO VE3XN W1TSP W2RQ W7AO	303 HA7TM JR1TNE K2CL K3UL N4DB N7FU W2LO W4DC WA2VYA ZS4TX
323 EA6NB HB9BIN HB9RG JQ3DUE N0RR N3NT RV3LO UA3AGW	320 G3TJW K1AR R9FM RU3FM RY9C SM5BFJ SP5DIR SV8CS UA4LY W18A	315 AA1QD G4CCZ JA8ISU K0IEA K5DU K5OVC K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ	311 DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A N8TR ON4AOI RN3QN	307 JA2JNA JR4OZR K0KT K3YA K4SV NQ1K OE6DK R9TO W3LL WB8ZRL	302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC N4NX PY7DJ R8TX SM6BGG UT2UB W8GC
	319 AA4V DF3GY F6AOJ I0WDX JA3CSZ JA5MHD JR3GWZ K4IQJ K6EID	314 AA4HP DF2UU JA2FBY JA3PIS JH2TPI K6XT K9CT N5DG OE5KE SM6CTQ	310 DL5DSM EI6S JA1EOD JJ2LPV JO1WKO K2RW K2UU K4XO K9ZO N8RR	306 AD5A DJ8NK JE2URF JH3VNC K5EK WB3AVN	

301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9MM K9NU KE9L KV7K OE1ZL OE5NNN VE3EXY	JA0CRI JR6PGB K2VV K4HB KX4R N2TN N4QS N5TY* R5DT SM3NXS SM4DDE W1RM	294 DK5AD IK4DRR IV3JVJ JA2EPW JA9PPC JO7WXN LA2XPA LY1G N5ZM OE5FIN OH2BLD R6AF	290 AJ1H CT4NH JA4MRL LA7AFA SM2OAN W1YM W2IRT	286 A45XR AA9A I3BUI IK0XBX JA0GJJ K2SHZ NN4X RA1QD RU6L W4FC WB6RSE YS1RR	G3WPH K8YSE K9US LA9AJA UW2ZM W7BEM
300 F6DAY IZ1LBG IZ8FFA JA0EOK K2SY K4CN MD0CCE N0AV N7US OE8HIK RA0FF UA9FAR W1CU W6YI YO7LCB YU3AA	297 AB6QM DJ9HX DK2GZ EA3GP F6EXV IW1ARB K4MWB K9YY LA3MHA OE2LCM ON4IZ OZ4O W3KX W7DO YV1DIG	293 AD5Q IV3YYK JA2ZL JH0INP JK1OPL K8FL NI6T SP3CGK VA5DX VE6WZ W1BR	289 9A4W JA2XYO JA4DLP JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM0CCM SM6DHU	285 AJ6T CT1IUA DL5WW K1DT K5RT N5KM NE1B NM6V SP7ITB	281 DK2NG EA6ET K1OA K4NA NV9L ON4ATW W9AJ
299 AI9L I0KDF K6ND K8ZTT KZ4V N6JV OZ1AXG RA3QK W9IXX WA1JMP WA2HZO WA7NB WP4U	296 I1FQH JA7QVI JS2LHI K1DG LA8PT ON4CD UA3TT	292 K1LD K4ZYU K9EU SM3VAC SP5GH UR5EDX W2LK WA3C	288 9A2JK 9A4T JA2FJP JA3AAW K9KU KN5O NK1K PY5EG SM5CZQ W1MU W6XK W7ZI W9MU	284 AD1C G4IUF JA7ZP JH1TWT K3WC K8BCK KA9CFD UN7JX W1ECT	280 AF9H CU2DX DM5EE G5LP K8EUR N6DX
298 HB9BZA	295 AA6AA AB3CV G4OBK IZ8FWN JA9LJS JF7DZA K3PA OZ8BZ SP6CDK W0YG WA5VGI	291 DL5AN EW2A JA2IVK JF7XKY JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	287 EA1N EA6VQ F2JD JA3AZD JA6BZI JH4JNG N8DJX N9EN OE8RT SP7HOV W0MHK WA2UUK WS6X	283 AA1ON G4WFQ JF2XGF K0CS K1HTV KM1D MM0EAX RU3QR RW4NN SM6BZV W0FS	279 DL4CF E72U HB9DDZ I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX J12KXK KF0QR N8LJ SM5FUG SP1MGM W1ZK
				282 DK3DG DL9TJ EA5RM	278 4Z5MU CX6VM EA2IA I6FLD IK6GPZ K7SO RW3RN US0KW W1UK
					277 AB4IQ

DL6KR	HB9LCW	NX0I	NY0V	JH9AUB	254
EA3JL	JA1HQT	VE3FF	SM0NJO	K2LS	CT1GFK
G0OIL	JA1SJV	W2SM	W9YSX	K7NN	DJ5JH
G4GIR	K4JJW			N2TU	EA5AT
HK3W	K5FUV	268	264	SM6CUK	JA5BLB
JA3FGJ	K7XB	DL5ZB	KD6WW	W8UV	K3SV
JE1PNX	N9UA	DL6ZXG	SP1JRF		K8TL
K6YRA	RN3CT	EA7TV	WX0V	258	KE9ET
LU2NI	SV1DPI	EU1KY		AB9V	N3QE
ON4GG	UN6T	HB9HFN	263	DM2DXA	N8OC
	W6TMD	IK7JTF	EI6FR	JA1FQI	VE7AHA
276	W7WM	J14POR	K7EG	K2AZ	W7LR
HA9PP	WD5K	JL1UXH	KP2A	K5GKC	W8HC
JE1SYN	WN6W	K4SE	N4QQ	KR4F	WD8PKF
K8WK		K8NVR	RM0F	R9SA	
OE2BZL	272	KB0EO	SK3PY	UN7LZ	253
VE3LYC	HB9DDO	N7RO	SK7AX	W4FQT	4O3A
W5TCX	JA1ANR	W4OX	UT7UV	W6VX	DJ4XA
	W1TYQ	W6UC	W6RLL	W8LGJ	DL5CW
275		WB4TDH	ZS6EZ	WO7R	JE1BMJ
AA5AM	271	WB5JID			JJ3HGJ
JE7ETY	AG4W	WE9R	262	257	K1LPS
JE7RJS	DJ5AV		K3KY	I2TZK	K1LT
JE8BKW	JA6LCJ	267	K7BG	IK2QPR	K3JT
K0JUH	K5XX	DL7BA	K8GI	JG0CQK	WA9PIE
K3MSB	K9MK	JH1NYM	WF4U	K2TK	YO2DFA
N1RR	NA5C	JR3OEH	WO2N	K5WK	
N5FG	VE3BW	K1FK		K9IR	252
ON4ACG	VK3QI	K4JLD	261	NA2M*	DL8OH
SM4CTT		K8BN	JH7IAJ	W0GJ	EV1R
SV2AEL	270	LB8DC	K1GG		JA7JWF
W1KSZ	IZ8XQC	W4YV	K2NV	256	JA7MA
W5AJ	JA2THS		K8VC	AC6HY	JF1WPB
WS9V	JA4FHE	266	K9XD	CU2AP	JF6DSZ
	JD1AMA	CT1FMX	LA3WAA	DF2GH	K3ND
274	JE2LUN	EA3WD	W5XC	G3VKW	K4FJ
CT1BH	JF1UVJ	JA0DIN	W7MO	HB9CXZ	K7LJ
F4BKV	K0DEQ	JA4EPE	W8HW	IZ3ENH	N5UL
I1JQJ	K1NTR	JA4IYL		KB8VAO	N9BX
IZ8VYU	K5PC	JA5XAE	260	N5GH	NU8Z
JA9NLE	LA5LJA	JL1ARF	JA2KVD	W2FCR	PY2RO
K1NU	N3KV	N5OK	JF3LOP	W5ZG	RU1AO
KD0Q	SM4AZQ	ND0N	K1BD		W1YIF
LA7HJA	W6SR	SP8FNA	K3LR	255	W5CIA
N6ET	WB9CIF	W9OO	N7NG	EW4M	W6NWS
UN9L			W5LT	IK0HBN	WA8WV
W3DRY	269	265	W6RW	JA9TWN	
W8TE	IV3GOW	AJ3K	ZS1LS	JP1IOF	251
	JA2BDR	CT3MD		OH2IS	EA5KA
273	JA3ENN	K4TT	259	RD3AW	G0EHO
AH7C	JA4PXC	N7GR	JA2NDQ	W4WM	K0BBC
DF2RG	K0TT	N7KA	JA9NFO	W8OI	K6FG
EA5BY	K6SIK	N7XR	JH1ORA		N1EN

NE8P SM4EMO SV1JG W3GQ W7KW	246 E73Y GM3PPE IK3SWB IW0SAF JA2VQF JA3GN JA3MNP JA7MOL N4TJ N6UC UR3EO WX0B	N5TW SP6A W7SX W8DCH	239 G3KMQ JE3ENP JN1BMX JR2LJO K5ZD LA0FA N3MN SM5OJH UX5UO W5FI W7ZJ	OZ1LCG SM3CBR SM5CAK W1ZT WE0Q	S54A W0LS
250 HB9DHK JA1MRM JA6BJV K1HT K5JZ N9FN RN9N	JA2VQF JA3GN JA3MNP JA7MOL N4TJ N6UC UR3EO WX0B	242 EA3GHQ F5PAC IZ8DFO K1LI K2PK K8ROX LB6KC N5XZ NO2R NW7E PY2KP PY2SP PY2XU SP5IWA TF3SG W1YW	K5ZD LA0FA N3MN SM5OJH UX5UO W5FI W7ZJ	235 DO4DXA HB9BUN JA7LMZ JH4HMG JH7RXU JL1RUC K7PI KD3CQ KQ8M LU3CQ N5MOA N5ORT NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B YL2KF	231 9H1SP CT1FPQ K1ZE K3VAT K4PB N4RWG W1TO W6TC W8WEJ
249 AA4R DL4SZB IK5DNF JH1OBS K0BJ K4XI K6AM KF8UN LB2TB N4EFS RD3A WA9CVK	245 DF3UB DL1DA DL5EBE JA9APS K0II K3RA 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	238 G0BLB IZ0RVI JH3CUL K2SX K7SP N9RS VE7DX W7CT WA2NPD	K7PI KD3CQ KQ8M LU3CQ N5MOA N5ORT NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B YL2KF	230 JA6VQA JG1WSC JI1DHY K0KVR K1EFI K4XR KD0PO KS1J N1IBM N5JB N9RD VE7JO W5ODD ZL2IFB
248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA8RJE JE1LFX JH0BQX W1VT	W2KKZ W2WG W3JX W5ADD WO2T	240 AF4HX F5LVL I0JBL IK4PLW JE7JDL K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W8TN	237 AA7G BH4QYX IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K8FH KG6I KI5BLU N1ZZ OE3EVA W4ABW WB8BPU	234 IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK	229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD UR5FEO WB8B
247 F5CQ IK8EPC JA1RTX JA1WSK JA3APL K4WA K4XD K9OW RA5BM W0DJC WA6F	244 EI9FBB JN1RQV K6KO N5LZ SV3DCX		236 DL1AP GM3YOR HB0CC JA7QFU JJ1DWT K1ESE K1USA K4ZO K9FN K9YC LA5YJ	233 JA5FBZ JI8DGO K2UR KQ3F KT1V N8BJQ RA3SS XE2X	228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1HHC K4RG

K6EME	JH4PMV	HB9AAQ	218	KB2FCV	KL0S
N3RC	K0SD	HB9CEX	CT3HF	KF6HI	LA9GX
N4LR	K9MMS	HB9TKS	JA2AHH	KX2A	N9ISN
OZ7OP	KU0A	IK0PEA	K1XM	LA7WCA	NN4SS
W0CP	N2DPF	IZ8IEV	KS3F	N1GC	RD3BD
W2GG	N2JJ	JR6FC	S55DX	N2WB	SV1GRE
W4HG	N8KOL	K4WM	W0AWL	PA0ZH	W3RJW
227	OZ2RH	KF7PG	W1OPD	PY2MC	211
DL6JZ	PE1L	N2BJ	W5FKX	VE7SZ	CT3DL
EI2GLB	RU3A	N6MZ	WB8CQV	W9ILY	JH4CPC
F6FXU	UA0BA	OE8SPW	217	WB8K	JN7DOS
HL2WA	W6BJH	W3BW	EA1RT	WC4X	N2LM
IK4FNF	W7YAQ	W5VQ	IK2ANI	YB5QZ	PA7TWO
JA2CXF	W8CZN	221	JA1GRM	214	RX4HW
JF1IRW	224	A65BR	JA3LDH	E70T	SM5AOG
JH2SON	AI2Q	AA5AU	JA5JUG	HB9IQB	W1AO
JK1EXO	CT1EAV	G4XRV	JE2EHP	JA1OND	W1WC
K3SEW	DL6MRS	IZ2EWR	JK1GOK	J14WAO	W4MAY
K4JAF	DS5RNM	JA5BEN	JR2UBS	K0LUZ	W6SZN
K4RO	JA8EKU	JE6TSP	JR5JAQ	K1KA	W8MET
K5PS	JH8RZJ	JR6LLN	K6DT	K5WAF	W9EWZ
K5TT	JK1AJX	KI0KB	OE3SGU	K8RRT	WW2DX
K6KLY	K5OT	N0KV	OE5RLM	K9NR	210
K6RO	K5VIP	N4TV	OH6NIO	RU0SN	AA8OY
N4PY	K8JJC	NA5DX	ON6AA	W2AY	BH4IGO
N7IR	ON5UE	OE1AZS	W1RR	YB0COU	DJ5DT
RN8W	RM3DA	PA3CSR	W6AUG	YO3CD	JA7LGE
SP8HKT	VE3CFK	SM3LGO	W6RKC	213	JG3LGD
VE3CRG	W1LW	W0VX	W7HPW	AA8CH	K5VWW
W1SKU	WA4LOX	WB3JFS	216	DK3UA	K7ORK
226	223	220	AB5C	DK7YY	K8KS
AE5E	CT1FCX	HS1NGR	HB9CQK	DL1SDH	K9TF
DJ9ON	EI9JF	JA0AOO	JK3BLD	EA7SG	KG9Z
EA3CJ	EU1U	JA1PTJ	JR7FRW	EW1BA	KT2E
JA4ITW	JA7BWT	JR7WFC	K8QM	JA7KY	N2NS
K2EK	JH1BNC	K1KI	N4ONI	K3OX	N4TL
K4ZIN	K3ANS	K1YR	N7TY	N8II	N5BO
N8PW	K7LV	K4EA	N7UN	NN4R	N9JV
NE3F	K9RT	N2WLG	UT3UZ	NR4M	W4WT
PY2NQ	LB5WB	UN7TW	W0DD	SP7CVW	W9JJB
VK3HJ	N6HC	W8RLS	W0RX	W4VIC	WA5POK
225	ON4CAS	219	W0SZ	212	WB5XX
DS1JFY	SM5CBM	JA2TBS	215	DL1HRN	209
EA1AF	W0HBH	K4MS	5B4AHJ	DL1TRK	AC4TO
HB9SLO	W5VX	K6FW	DJ9RR	IZ5JMZ	AE0P
I8JIT	W6SL	KE9I	DL1SMA	JR3HZW	DM1TT
JA2FBC	XE1VIC	KQ4AV	K1GE	K2AX	IV3VBM
JA6BEE	YL2TW	SM0BYD	K3FRK	K7VV	JA2XCR
JA8DRK	222	SP6M	K3XA	K7WJB	JG4AKL
JH1QAX	EA5RU	WW3S	K7ZA	KJ9C	JT1CO

KJ6NZ	LA6UL	202	XE1H	K2BA	K6UM
N3KS	NA9RB	JA8BNP		K4CM	N1JP
N4XP	W1NA	JH4ADK	199	K5FNQ	N5UW
RU1AB	W2QO	JH7BKN	I4MKN	K8BL	ND5S
UA3ECJ	W7AL	K2FW	IK5RUN	KK1W	PA0JSE
W3OOU	W9YE	K6TAR	JH4GJR	N7WS	SM4CTI
W4ZX		K6YUI	K1BZ	NA2AA	SM7BHH
W5SL	205	PY5CC	K2XF	PY1OL	SP5ES
W7NN	JA0NZR	SM3PZG	KJ6P	UT7KF	SV2DGH
WB8ZRV	JA2ATE	SM5ENX	SM4BZH	W2FV	W5WP
WL7E	JA8EJO	W5BPT	UA0SC	W2YE	YL3DQ
XE1KK	JH6PFY	WA4CEM	W2GW	W7AH	
ZL2AL	K1UU	WD9DZV	W3OA	WV4TN	192
	K2MYR		WA1S	ZS1A	AE6Y
208	K5QX	201	ZL4AS		I2YWR
EA8AXT	K6ZZ	CT1BWU		195	IK2SGB
GW3SFC	KA8ZPE	F6ECI	198	A92BE	IK5ZUK
JA0DET	KU4XO	HK1MW	CT3KN	AA8LL	JE8TGI
JA1NWD	LU8EKC	JA1LSP	DF7EE	AC6T	K6PJ
JA5WIZ	RT0F	JE1CTA	HK4SAN	DS5TOS	K8UT
JA6WJL	W1SSN	JE2RDO	K0DEW	HB9DOT	N7BT
JH6JMN	W5DAW	JG8FWH	K5GH	IZ2FOS	W1EQ
K7ZD	W5VY	K1JIU	NA4EA	K4MF	W4GIW
K9ZM	WA0I	K8YTO	SP1DSZ	K4OY	W4RFZ
OH1JP		LA6OP	UA3O	K9GA	W5ZO
RQ3A	204	N9SF	W2PS	KA1ERL	W6RS
UA3FF	AI6Z	SV1FKZ	W9PZT	KX4TT	W8GNM
UW7UA	JA8JO	TI5KD	WD4LBR	N1NY	WA4BIM
W2OO	JH4FEB	W2CG		N8SNM	YO3DDZ
WE1P	K1CA	W6AEA	197	NA2P	
	OH8NW		AC9EM	SM5CLE	191
207	SV1VS	200	DL9FCY	TI5RLI	AD6W
AA5AT	W6KK	HB9RYZ	JA2IYJ	W4RDX	IK5CBE
HB9BAT		IK5MDF	JA3CMD	W8FIB	JA1PMN
IV3TDM	203	JA1SKE	JA8XQI	WB4YDL	JH1AGU
K1KO	DJ3GW	JA4XH	K4CMS	WD0DAN	K0GY
K1NJ	EA8AKN	JA7JI	K6UT	YO9FNP	K1TO
K4JPD	HA7UW	JH0RVY	K7UR		K1ZN
K4YYL	IK0HFO	K0KG	KD6UO	194	K7FL
K7UT	IK4HPU	K7ZBV	KM4H	9K2OD	K9OR
KA7T	JA3MHA	K8ZH	KZ0X	J11NJC	KF0LA
LA2PA	K1IT	K9ALP	N0AH	M0CSD	KR2Q
N1QY	K3GT	N4MHQ	N1RK	N1PM	N8NN
N3OC	K3OSX	R3IS	N7HN	VK3NX	NX1L
RU9UC	N0RN	SP6JIU	NG0T	W5CWQ	W3ABT
WS5W	N6HY	VE3YF	PZ5RA	W6ENZ	W4UCK
YO2RR	SV9COL	VU2CPL	R9MJ	YT2AA	WC1M
	VE6LB	W2/CT1GIF			ZS6WB
206	VE7UF	W2OIB	196	193	
AB0CT	VK3BDX	W5GZ	F5PBM	IK0LNN	190
JA1FNO	W8KA	W8WRP	G3SVD	IW0HQE	7K1PTT
K6NR		WB1S	JA1VLK	JR4LNG	EA2AFV
KA1J		WZ8P	JR7XOD	K5FZ	EW3CW

JA2KSP	JA2VMU	IZ2AMW	NY2NY	K7ACZ	K1RI
JH1APK	JR3UIC	IZ5RVG	SV2DCD	KA6BIM	K4VIG
JJ1SKG	K3PP	JA6CBG	VU2NKS	KD8RQE	KB4MRX
JR1MLU	K4WZ	JA6TMU	W1PX	N7TR	KJ7M
K4MZ	K5CD	K3GGN	W5DNT	OZ7FOC	KZ1W
KQ4EE	K8DV	K5KG	W7MEM	W2WC	N3ND
KU4BP	OM7CA	K8NK	XE2CQ	W5GAI	PY2WC
N6GP	VE6SV	KI4DLS	ZS2DL	W8LMG	VE7VV
OZ8SW	W3MR	KO8SCA		WE4S	W3FI
SP3EPG		N2RJ	181	YO4DW	W3TN
UA0FO	186	N6PM	AA4DO	ZL1BYZ	W9DX
W7SLB	G3NDC	SM5FWW	DL6CNG		WA1FCN
	IT9GSF	SV1IW	EI2JD	178	WA1PMA
189	JE8CLT	W1UE	JH1ROJ	CT1ESO	WA4JQS
AA4NC	JH2AYB	W9FI	JK1BSM	I0MWI	
JA1DM*	JH4CBM	WA0RVK	K1RH	IK8YTA	175
K2QMF	JR1BLX		K3EA	IV3TMV	JA1JAT
K4JC	JR7MAZ	183	KE4UW	JE8LWZ	JA3BXF
K8TVD	KD2T	4Z4DX	OZ1IKY	K2HAT	JA8LRG
K9GWH	NE0DX	DJ5IO	UT6UA	KM6HB	JH1DGQ
N0RB	OZ8RO	DL1KUR	W0GG	N0AMI	JM2RUV
NI5F	SM3PHM	EA1JO	WY1G	N3NR	K0EOO
OH3OJ	SV1FJP	EA3GHZ		OE2SCM	K4BYN
PA5TT	W1ITU	EA8RR	180	RW4CY	KW4MM
PY2VA	W4SK	F3AT	E21EIC	VE6AX	N4PL
RA3QUA	W5PF	GU4YOX	EC1A	W6DR	N6PAT
SM2DMU	W8JRK	HB9BXE	I0OSI	WA5IPS	N6ZN
SM7GIB	WA7TZY	HL3GOB	IK7FPV	WF2S	NY3C
SP9WZS	WB2AA	IK5PWN	IZ4DPV	WT4Q	OH7TV
W0YK	XE1J*	IT9CVO	JA1DOT		SM5CZK
W2LE		JA1DOF	JA4VUQ	177	SM7NDX
W5KFT	185	JA8NFV	JA6GIJ	AA6RR	SP5JXK
WT3Q	AD7L	JA9CWJ	JA7IC	DL6LIM	VK2DX
	DK4TP	JQ6RUP	K0LU	I8LWL	W1NT
188	DL8PG	K4AV	K0TPP	IK0EFR	W7CD
JA2FGL	EA1KK	K8AJS	K2CBI	JA4DHN	ZL3JT
JN1GTG	EW1P	NA2U	N6PSE	JR6GIM	
K0TV	HB9DHG	NA5Q	SV1BYI	K0GD	174
K7WE	HI3T	ON6YH	W2KA	K5UZ	DS4AOW
KA4RRU	JA1FJJ	R0FA	W5JAY	KA2CYN	IZ5BAM
W4GE	JA8UIV	R9JX	W5WQN	LA8HGA	JA7SFD
W7HR	JR4VMS	W6JTI	WK7E	N6RV	JM1BPP
W7IV	K0MD	W8IQ		NT2A	K3XO
WP3R	K1RV	W8OP	179	RA9SC	K9HQM
ZL4TT	K4KGG	WA4TII	DL2CHN	VE3OI	KB6CIO
ZP5JCY	K8RYU		DS3HWS	WD9Q	N1NK
	NA2X	182	HB9EFK	WQ7B	N6NU
187	W5QM	F6DBX	IW3GJF		PA2TMS
DH0GSU	W8HB	I5OYY	JE2HCJ	176	SV3KH
IK4AUY		K7UA	JE3CYW	CU2CE	SV9AHZ
IT9BLB	184	KE1F	JF1RYU	IW1QN	TZ4AM
JA0LFV	AK1L	ND3F	JG3SKK	JA1IOA	WB2WPM
JA1OVD	EA4CQT	NW6S	JH1RFM	JA5SUD	WC2K

173 4X6ZK AG1A K1EO K9SG KI4GE KK4OK N0OK N5WA NJ3K S57AT SM6CLU W3BJ WA4DOU WF4G	170 BA4MY EA2AA IT9ODQ JA3MF JA3RQ JA6SRB JE1PHH KB9DAK KD1F KE1VT KH2L LU6ETB N0ABA N7KO NO9E OE2GEN PY2DS W4HZ WB6JXJ YO2CMI	JA3FHL JA5BGA JA5NPV JA9CG JH1APZ JL2JVX KQ1F LU2CC N4AL R5QA RA3LAL RL3AA WA8CDU	DL5XL EW1KP HA5BSW HA5WG IV3BKH JA9KRO JF1LZQ JH1RGG JH2HFD K9UQN KA9OKH KK4OW LU2DSL LZ2ZG N8OQ N8PCN PA0TCA RA3BL SM6WET VE1OP VR2MY W1JA W3HKK XE1MEX	K2AT K2RU K4JKB K4MM K5RJ KT2C LU2AH N9OY NA5Z W2OR W6WA W8PC WA5LFD WW1N	JA5PUL JA7XBG JF2WGN JH3FHQ JJ1BMB JR3XUH KI4WCQ KW4V LA5SJA N2BT N3RR N3XM ND6G TA1CM W0KCJ W6CUA WW4LL YO4AUL
172 AB2E JL3JTD K4WNW KY6R N4JT N4OA N5ET N6RK W2NO W3FOX W3MF W4DAO W4WJ W5JMW YB1UUN	169 G3WGN K2RET K3PU K8OM KT1J NF1G NX8Y ON4ANN UN3GX W5LO	166 DL1QQ DL3KZA G3WW HB9DVZ I2DMI IZ4DIW JA4KDT JA7BEW K8ME KN6KI KR0P W3BNN W9JA WB7QXU WC4B	163 AA4FU FG5FR IW0BYL JA0KJD JA8FFM JG3RWX JI2EMF KF9UG KG8CW NC4RB NY4G OZ5NJ VK6LC W5GA WA2UKA WA8JBG WB8BZK YO3AIS	161 AJ4A E70A E74A JA1BPA JA1SDV JF7RJM JH0NOS K3MD K3WGR K4HMB K8CC KC6X N3HBX N6IE N6TR N8NA NK0S SM0DSF SM5ARL W1LY W4KA W5VU W6DX W6YOO W8CD W8HMK W8IW XE1RBV	159 9M6YBG AH0U DL1MEV F5NBX HB9DDM IK8UHA JA3NHL JH1ACA JH1IAQ K2TA K4YJ K5RA LZ2JF N4QM N4TOL N6MA NA6O OZ4VW SP6AXW W1YRC W7VY
171 DL7JRD G3UAS IU0LFQ JA1QIW JH1IED JH1WJR JK1UVP K1JD K9RR KU2A N4UOZ N6UK OH4UI W1OP W4CCS W4NJ W7WZ W9BEA WA8MCD	168 DL2NOM EA5OX I8DVJ JA2FSM JE2UFF K0DD K1ACL K7HC KJ7TEA N8AGU SM4OLL SP5MXZ WA4AFE	165 AA3LX FG8OJ HC1BI JF3PNQ JS6TWW K5CR K7JH LX1KC N2GZ N8HRZ OE3KLU OK2BUZ SV1GYG VK4CAG W2YR W9MO WA0SXV WA4VA	162 E73D HI8R IK2VUC IT9DAA JA2NQG JA8BZL K1DJ	160 AB4UF DL7UPN DM2RM F9XL JA0GCI JA1MZL JA4HAW	158 AA8R BA7IO DL4NBE DL5KUA DL9DRA IK1UGX IT9AAI JA1SHE JA2ITK K4XU

LA2GH	AA4DD	153	W7IB	K4NC	N4NW
N2ZZ	EA3EQT	7K3QPL		K5DHY	N6IG
N4DWK	GM0AXY	AA9GR	151	K8MN	NG0G
R7LP	JH1SJN	EB3CW	AA4FL	N0STL	VE1VOX
RU3UR	JH1VHU	F4FLF	EA7OH	N2SQW	W4MA
W1GQ	JK1TCV	G0VXE	EI3IO	N4PYI	W8WFN
W2RA	JR1DUP	IU8FRE	EI9E	N6WT	W9CSX
WO3Z	K2DC	JA0NPQ	G4XEE	ND0F	WB2HJV
WS1L	KR6C	JA1QOQ	HL2KV	NU4I	WB3LHD
	KZ5DX	JA2BUR	HP2AT	NZ2L	WS1E
157	LA2RZ	JA7GYP	JA6COW	SM2GCQ	
CT1DKS	N1MD	JH3HTD	JR7ILA	W1JGS	147
G4AFJ	N2ZA	K1YT	K1AJ	W4NBS	AB4SF
JA2EJI	N3IQ	K4EU	K1PL	W9GXR	AD6ZJ
JH1DGJ	N4IG	K7GA	K3FM	WA4MME	DK6OR
JR4VEV	N8AYY	KH6AT	K4ST	WB4JTT	DL6KY
K2CDJ	N8WRL	N2FF	K5IB	WV2I	EA5BZS
K7LFY	N9XX	NA6MG	KD4OS		HA5PT
K8WVA	OM8FR	NK7C	KM1C	149	HL4CJG
N0VVV	PA7RA	OZ7DN	KS4S	AL7TC	IK4HLO
NJ6D	RN3QO	SM6AOU	N3MK	IZ4MJP	IK8VRH
UA4PK	SV8LMQ	VE1DUN	N4HID	JA0LXP	IZ0BTV
VE3UZ	W0NFL	VE3YXO	N9DR	JA1ADN	JA4EVN
W4PV	W0VHF	W5ZPA	NF4A	JA1SGU	JA6NQT
W5PJR	W2HUG	W8MIL	UA1CEI	JA4ZA	JH1UBK
W5RF	W4HOG	W9GE	VA3XQ	K0GW	JH8BOE
W7RN	W7IUO	W9SE	VK2GR	K0KP	K2CYE
W8BBQ	WO9S	WB0N	W0JM	K2TER	K3PT
WV9L		WN9O	W2TB	K3NF	K6ME
ZP5ALI	154	152	W4WW	K4WY	KB1W
ZS2EZ	DK3BK	AF2C	W8VVG	K8AV	KD7H
	G4FTC	EU1DX	WA0ROI	KM2E	LA5XGA
156	JH7LBE	G3LUW	YO6HOY	N7MB	N7MQ
DK0EE	K0THN	IK0CHU		N9IO	N7TP
JA1QGC	K4WFM	JA4VLK	150	NX2X	NV4B
JA5BZL	K8RF	JA6GPR	AL7R	ON5TW	UN3G
J11WLL	KE4VU	JR1WCT	CT1FUH	W6RFF	V51B
JK1UNZ	KG4CUY	K4QD	DK5RL	W6ZO	VA3IC
K6XN	KK4HD	K4ZA	DL2JIM	WA2MZX	W1WEF
KK9H	RA0BA	K9JU	DL2VPO	WW1WW	W6BK
N4IQ	RD9M	LB7ZG	DL7AA	YB2TX	W7EYE
NA9Q	RT5A	SM2HWG	F6HLC		WB0O
SP5ELW	SM5BEU	VE3EK	HB9DQV	148	WF5E
W2FK	SP6EIY	VE7XT	IK2RPE	EC1AIJ	WS1F
W7CA	W1AW	W0LYI	IZ0CKJ	IZ4AIB	
W9HBH	W2UB	W1LE	JA0PE	JA1CZI	146
WB2AQC	W2YK	W1MR	JA3EOP	JA6OXT	DD0VU
WM0X	W3KHZ	W1NK	JA9AA	J16IHG	DK3QM
ZL3RJ	W4UEF	W3NS	JE1VTZ	JN3RBE	IK2DZN
	W6NK	W4NZC	JF2VAX	JR8AMF	JA1WTI
155	W8MHW	W4TNX	JH2VVH	JT1BV	JH3FUK
5T5PA		W7FI	K1VI	K4WJ	JH3GCN
9A1A			K2OP	K7CMZ	K4MX

K4ZRJ	W2FB	KW9U	N6AA	K3SW	YO3VU
K6LRN	WA5NFC	N9KW	N7DED	K3SX	137
KI1U	WB6CJT	N9PGG	ND3L	K4KAL	AA9RR
KK0M	YB2DX	NA9A	RW4NJ	K6LPO	DL2VWR
KK6T		NU4Y	SP7ICE	KE4S	EA4UV
LX1CW	144	NW8F	VE1JBC	KH6DX	G8AJM
N5CQ	AA0MZ	OZ1HPS	VK6OZ	KK0DX	HB9ACC
N7JB	AA6PI	RA3CO	W0MU	KL7J	IK3DVY
N9JR	AB5A	RX3BP	W0RXL	KS3L	JA1KPH
NJ7G	AK5Q	UA9AM	W1DYJ	LA9FFA	JA9GPG
PY2IQ	EA7DUD	US2WU	W2HUV	N1IA	JH1ERJ
SP3F	F1RAF	W1ENE	WA4NUF	N6KZ	JO4CFV
VE3UTT	HL2EIZ	W2NRA	WE9A	N8NB	K5ALQ
VR2CH	IZ7AUH	W3DM	WQ6Q	NM1G	KF6A
W0MS*	JA0KJE	W3IZ		NN6K	NA1DX
W1NR	JA1UXC	W9HZ	140	PP1CZ	NB3R
W2JLK	JH1EIG	WB2GOK	AA4US	W0TM	NC6A
W4DEE	JH2RMU		AB0RX	W5THT	OE5JDL
W5KI	JR1IZM	142	AD3C	WF1H	SK0QO
W6AER	K0LB	AG4Q	AG5W	WQ5R	UT4UZ
W6OUL	KA0CDN	HL2DBP	EA3CZM	XE1FAS	W0JMP
W7TSQ	KE5PO	HL3AMO	ER0FEO		W6TK
W8QZA/QRP	KM8AM	IK2WPO	IK0WRB	138	W7KSK
W9MJ	N1KC	JE2VLG	IK7YZG	AA5B	W7QHE
W9MR	N4SC	JH1VUO	IV3VCS	EW1LM	W8UQ
W9ZCL	N7OJ	JH7LVK	JA3EY	HB9AZO	WB2KSK
WA2USA	NZ3O	K0PJ	JA7KQC	HK3PJ	WB3D
WA9DU	R7LA	K1ZJA	JE1DXC	IK2HDF	WO5I
WC3W	W0QQ	K3NQ	JH1BAM	JA3XNH	YV5OIE
ZS6UT	W2ZI	K6IPM	K2HT	JF1WLK	
	W6BCQ	N1BZ	K4JWA	JF2OZH	
145	W7QDM	NY9H	K5HK	K2MK	136
AA0KA	W8SAX	W1DXH	KE8UM	K2WK	9H1AE
DL2RD	WA1YTW	W2TX	KP4P	K3DFL	AA6RE
DL7UGO	WC4H	W3DQS	LU8ADX	KE7LU	AG1I
DL9GTB		W9IL	N2PK	KF4VTT	CU3EJ
EI6IZ	143	W9ZJ	N3TR	N2KX	DL5SBA
F6KOP	AB5GU	WQ8T	N4XYZ	N7WO	HB9MFM
IK8GJR	AC6DD	WT9U	N6QI	N8GP	HL4CCM
IW0HOU	AI8P		NN7X	NU1T	IK8PGE
IZ0NRG	DJ3AS	141	NU1B	OZ0J	IZ7EVZ
K1XV	IK1IYU	DF2UH	RA0R	TF4M	J68HZ
K4WES	IK2RZP	DL9ABM	SM0XBI	W0QD	JA3UCO
K4ZNC	JA6IVR	EI4BZ	VA7QI	W1ZZ	JA3WLN
K5EWJ	JA7FWR	I0LYO	W3AKD	W2PP	JA7NX
K8SIA	JA9APM	JH6DUL	W6GJB	W4DN	JP7FSO
KB7V	JH2XQY	JH6WMJ	YL2AP	W8TM	K0SRL
KD5R	JR1CAD	JJ1OKK		WA2BOT	K1SM
N4UFP	K2CS	K0OK	139	WB2RAJ	K1TWF
SM7CQY	K2SN	K3WWT	CT3DZ	WI2E	K2AJY
UA5D	K4EB	KB1HY	IK0ZIO	WN9Q	K4AMC
W0SR	K7KB	LU2BA	JF0JYR	WT2P	K4KAY
W1ER	K8ZZU	N4MI	JH0AWC	XE1ILI	K4YP

K5YU	134	KZ9DX	WB4CW	HK3MCM	N4GBK
K8CS	AG7N	N4AOE	WX2CX	JA4RED	N7BD
K8JE	CT1BWW	N4DJ	YB4CHP	JA8BAR	PY3SB
K8KI	CT3CD	N4HN		K0HB	UA0APV
KC2STA	DF3OL	N8KU	131	K4ODL	UY1HY
KM1A	DK2BI	NT5O	AA4EA	K4VX	VO1AU
LA6MP	HB0WR	PY2DV	DJ2RB	KC4AA	VU2MSA
N7NH	HL2CFY	VE3SKX	DL2TOS	KF7NN	W2EQ
NE4A	IZ1JMN	VK5GR	DL4ZAB	KP4DKE	W4LIA
NU1O	JA2OLJ	W6MVW	F2NH	LB8OH	W9RC
RL3BZ	JA8ALB	W7JET	I1YDT	M0IKW	WA1ZIC
W1FA	JE1WZB	W8JA	IZ3ETU	N0TR	WA5NOM
W5JE	JG3HBO		JF2QNM	N1NU	WD5BJT
W6DCK	K0XP	132	JH8JBX	N4LUF	WY6N
WB0TVY	K4MV	9AY2K	JL6USD	N4XMX	
WD8LTM	K5TU	AA3TH	JM1VRW	N7TM	128
	K8QKY	AE5B	K1UM	N8IL	4X4MF
135	KC5LK	CT7ANG	K6IPV	PY2FN	7M4AOE
AA4UC	KF2TI	DJ0AH	K7LAZ	SM5BNK	7M4CLF
AC5AA	N2NW	DL3IAC	K8EB	SO5AS	A71AM
AE4CW	N4TD	EA5RD	K8JP	VE3FRR	AG8L
CT3FN	ND4V	FG4NO	KK7YC	W0AD	AK4AO
G4FJK	OE1ALW	I1CMA	KM4A	W3JXP	DL3BUE
HB9VAB	SM5CSS	IV3TMM	KR4BD	W3ML	DL6NW
HK6K	W1OG	IZ6ERS	KX6C	W4NK	G4FKA
JA3VPA	W1ZS	J11MNT	N0TK	W4SW	HB9FBG
JR1JGA	W2DXE	JN3TRK	N3HYB	W7FP	HB9HBZ
JR7GBL	W4UFO	K4DSE	N6FS	W7LGG	HK3O
K0FLY	W5BK	KJ6Y	ND7K	WK9U	IT9ZZO
K4IE	W6EJJ	KS4YT	NT9F	WO5D	JA0ED
K5LC	WA1NXC	KV4T	OH2LU	WX3P	JA0EVI
K5QR	WA3SKQ	KW4CQ	RU3UN		JA3AYU
K7LY	WE2N	N2XQM	SM6VR	129	JA6JNF
K7WK	YB1TJ	N6VI	VE7TK	AF4OX	JE3BIQ
KD3HN		N8XI	W4SD	CX2CC	JE4CIL
KN4JX	133	NA4CW	W7NP	DF7GG	JM1HJG
KO4PY	AC4VM	NA4MM	W8FAX	DL3LAB	K2QB
N3KN	DL5JS	NG7M	W9UM	EA5DFV	K4LQ
N4CT	DL8JJ	NH6T/W4	WA6EZV	GM0CWR	K8ROK
N4QWZ	EA3CWK	NJ9C	WA6TQT	JA1KXT	KA1O
N9MB	HP3TA	NO0B	WB0PWA	JA1TGO	KD2GC
OE3EPW	IK6COX	NW7US	WD8MGQ	JA7EU	KE3X
PT7CB	JA0AXV	S53MJ	WW1V	JA7JPZ	KE4BKL
SP7ASZ	JA1EMQ	SM0MPV		JF7NNI	KF7F
W1MRH	JA1FUI	UA3SAQ	130	JR0EQQ	KL1V
W5BN	JA2BL	UA9AGX	7J1ADJ	K3VPZ	N2AJ
W6FL	JA6BF	VA7XX	AA9AA	K6QU	N4KM
WA3IIA	JH4RLY	W0UVC	AB6BT	K7VC	N4MEC
WA3PBL	JM3GXU	W0ZT	DJ4SO	K8YYY	N9JCS
WB2NPY	K2KIB	W5RYA	DL9GCG	KF4NEF	N9LEO
WC2L	K5ZQ	W5WLA	DL9JI	LU2JCW	NC4RY
WK8A	K8KY	W7IU	EA8MT	MW0CBC	SM6DIN
ZS1J	KO1H	W9RB	EC5A	N3AIU	SV2JU

VY2MC	KS4XQ	124	JA2CXK	JA8ZO	K9QJ
W1PNR	M0VCB	BG8PA	JA2JRG	JE8IGW	KC9WPS
W3EF	N2SG	CU3AN	JA2KSI	JH0OXS	KD8BZY
W5UE	N4LV	DF3EC	JA3AVO	JH2PWY	KM7R
WB5NHL	N4UW	DM5JBN	JA7KE	JM1ESG	KT5X
ZS2Y	N5JC	F8EZE	JA8EOT	JM1GHT	N2KI
	N6PEQ	G3VAO	JE1HRC	KD0S	N4BAF
127	N8VV	G3XLF	JE3GUG	KF8DX	N4TKF
AA3AZ	OZ9GA	IK0OPS	JH0NBN	KT8D	N7WR
AI2S	W1BYH	IK4TVP	JH6WDG	LA6EIA	NY7T
DL5KUT	W4PG	JA1TD	JO1ABS	N1SZ	OE1HHB
HA3OU	WB2GAI	JA2AH	K0KM	NI4Y	W1OK
JA1DIO	WB5STU	JA7HRM	K1QN	NU4B	W3NRJ
JA1FHK	WV1X	JA9GLW	K3GO	OZ3SM	W4AEJ
JA1XRA		JE6UWU	K4GO	SM2EJE	W4EB
JH3PRR	125	JM1LPN	K8GT	UA6LCN	W4NE
JJ6DGP	7K1CPT	K2WJ	KC4HN	VE7ON	W5FL
JN1MKU	AA4LR	K3LA	KF2DT	VE7VF	W5MF
K0AZ	AB2DP	K6SLO	LB5GI	W1GF	WA6JA
K3OK	AD4AA	KB9S	N6NT	W4AO	WW8RT
K7PO	DL9BM	KF1P	NC1M	W4PNY	YB1AR
KW2J	EA1P	KM1R	NS3L	W4RS	YO3JF
KX9X	ES3VI	KN9N	NZ5O	W7BJN	
N5QS	G0HIO	KP4MS	OH2BEN	WA6KHK	120
ON8VM	G8BCG	MU0FAL	PT7DX	WB1EAZ	DL1EV
W4GP	HB9JG	N1YX	SV2BXA	WN0L	DL2VFR
WA0WWW	HB9JOE	N3KR	VK2CA	WR2G	EA5B
WA2ALY	IZ5EKV	N6XT	W0MS	WV1R	IK7YCE
WA7BNG	JA2QCX	N7AU	W0PE	ZS6IR	IQ2VA
WB2KSP	JA6EXO	NC2Y	W2PSU		IZ5EBL
WC0W	K2ZZ	NN4K	W2XX	121	JA3BLN
WC5E	K5TIA	NS4F	W4GKR	EI8GS	JF1EGO
YT7T	K6BZS	NY1V	W6PH	F6FYD	JH1LZU
	K7QA	OT1A	W9ROG	GM3WIL	JH6CDI
126	K8GWU	OZ9XU	WA8Y	HB9BOI	JI3BFC
AD5WB	KG5VK	W1ASB	WB4GLI	IK4TVQ	K1TKL
DK3FB	KM9E	W5WZ	WC4V	IK5BOH/2	K3SF
EA4EPY	KQ5M	WA4QMQ	WQ1H	JA0MRW	KD2SC
EA6EE	N3OUC	WA8RCK		JA2ACI	KD4POJ
EW4A	N4ENE	WA9BZW	122	JA8EIA	KF8HR
G4NBS	ND4X	WB4SON	9A3LYL	JH1AEP	KI4TZ
JG1SWM	PT2CSM	WD6T	AA7FL	JH1SBE	KV7N
JG3KLF	PY2RN	WR7Q	BV1EK	JR4CZM	N2CG
JH4GNE	RT2O	ZS6NJ	F5RQQ	K0FG	N5BA
K1EDG	SV1CQN		HB9BEM	K0QQ	N5PA
K4ZMV	SV1EOG	123	HB9IIO	K3AR	N9DJ
K8FZ	W1MJB	AB6CF	IK6BOB	K3IXD	NO2C
K8YE	W1XV	AC0W	IV3BSF	K3JM	NW4M
KC8IVC	WB1DX	AC4BT	IV3KCB	K3RWN	PY2SEX
KI3O	WD8KND	DD0VE	IZ8EJB	K4GM	SV3AQR
KI5GD	XE2YWH	EA2AAZ	JA0CIU	K4SAF	VU2PTT
KN7Y		IK1RLI	JA1CPU	K7STO	W0UY
KS0M		IK4BHO	JA3EEM	K8CXM	W4AFB

W5DM	ZL1WG	117	W3WN	W7VJ	W5GO
W5EC		AB4GE	W4OWY	WA2EOV	W5HNK
W6HDG	118	AJ8MH	W6KR	WA8LOW	W6QON
W7HUY	AA4NG	DF2UA	W8BI	WB4DNL	W9RXJ
WD9FLI	DL2RUG	EI8IU	W8VK	WB8FIW	WB2P
WN7J	DL4FDM	F4DSE	W9BB	WC2C	WN1M
YE6YE	DL5MX	F4WDL	WP4CQ	WF4W	YO3HOT
ZS1C	G0MFO	G3PSM	WS4H	WJ1B	
	G3YFE	G7SSE	ZL1ANH	WQ5C	114
119	G3ZEM	HB9PUE	ZP5FGS	WV4V	AA4H
DS5ACV	G4CWD	HL4GHT	ZP6VT	WW0E	AD4XV
HA8UT	GW0ANA	IK0XIH	ZS4JAN		AK3E
HB9DVO	HB9DLE	IZ0GYP		115	BA4TB
HB9GWJ	HL3ERJ	JH8KFE	116	AA5N	CT1ELF
JA0CVC	I5CRL	JL3DGI	4X1EL	AB0S	HL3DE
JA1DXR	IT9IPQ	JR1SLU	AB1J	AC0B	IZ5GST
JA7VEI	JA2NNF	JR6GHN	E77S	AJ8B	JA2LHG
JM1GYQ	JG1WNO	K0MP	EI7GY	CT1DOF	JA3VUI
JR2CFD	J11FXS	K0PC	HK1X	DF8FT	JA7MAD
K0IIR	K1TU	K4AR	HL5BMX	DH3KM	JE1LPZ
K1FE	K3IZ	K4AU	JA2DHG	DS5DNO	JH3GFA
K1LTJ	K5WE	K4SX	JA3UNA	G0JJG	JK1MZT
KB4CRT	K6UXO	K4ZIW	JA9IWR	I6DQE	JR1ATQ
KK4QN	K7UPJ	K5GM	JL1GYZ	IU8HEP	JR1EYB
KV4AA	K8IKE	K6CF	JO1LVZ	JA1OVF	K0BRO
LA4C	K8WHA	K8ZM	K0BFR	JA7FAS	K1QQ
LA7EIA	KB0V	KB8KIM	K4IU	JA8GSN	K4TXJ
LZ2HM	KB1AWM	KE1IU	K7VS	JH1RVQ	K6GWN
N0ATQ	KB2XJ	KF2OG	K9LCR	JH4VDP	K6PT
N0ODK	LY3BS	KG6D	K9ZG	JK1SAI	K8AO
N1DC	N1FOJ	KK9T	KC1ERO	K0IL	KA1DJ
N2RR	N3MLV	KM1H	KU1T	K1HJC	KM3J
N3CW	N3RW	KM4NS	KU8X	K4MIH	KX2S
N4JQQ	N7ELL	KM5G	LA2IR	K4MIJ	LA4RT
N6OJ	N9AZZ	KS9R	N2SU	K5AX	LA4WJ
NA2R	NA5S	KU4V	N3ER	K5LY	LA7QI
NK7Z	OE3JAG	LX2PA	N4HGZ	K8LBT	LA9XGA
SK6SJ	TA1L	N0IW	N4QVM	K9EXY	LU1FM
SM6NJK	VA2IG	N8JK	N6NBB	KB0EL	MM0BQI
SV8QG	VE3PNT	N8WXQ	N6VH	KC2WUF	N2YBB
VA3HP	VR2PX	NC8I	NV4A	KE7PB	N6RJY
VE4JBB	W3ACO	NL8F	OH1NSJ	KK0T	N8AID
VR2XMT	W4SKW	NW2I	PA2R	KK5OQ	N8KUS
W5UHQ	W5SJ	ON4AGX	SM1NJC	LT1F	N9NB
W6DE	W6GM	PT2BW	UA1OM	N0OP	NG4C
W6IS	W6WF	SV2CLJ	VU2ABS	N6DHz	NR0T
WA3YZD	WA3GM	SV3RKM	W0ANZ	N8SHZ	ON6KE
WA9JWL	WA4USA	TA1AL	W0QC	ND4Q	PP2FN
WB2ZAB	WB4PWZ	TF3DT	W1GWN	NK2H	PV8DX
WB3BFC	WZ6Z	UT2VC	W4ARK	PV8ABC	W4TTY
WB8IZM	XE1R	V51YJ	W4CZ	UU1JA	W7BV
WB9WHQ	YB1RUS	VE7ACN	W4DFU	VK3OT	W7HJ
WY0V	ZS5LEE	W1UN	W7RR	W2HAZ	W8UMA

WD1M	112	W4JVN	NJ1H	JR0QFA	AA8BN
WG0G	7N4OBV	W4UAT	NR5R	JR1RCQ	AJ9K
WN6K	AA3K	W5FPT	OE1JIS	JR2PZX	CT1CQK
WR2V	AA7UN	W5MJ	RV3GW	K0HP	DL1TPY
XE1EE	AA9WO	W5TFV	UA6MA	K1LZ	DL2RTL
	AC9O	W6CN	W1HEO	K2GLS	DL9QJ
113	AD1S	W9LYN	W3WH	K3EE	EA3BL
6K5AQY	AD4YQ	WB4CTX	W5WI	K4AFE	EA3GCT
A92IO	DF2WF	WB4FNH	W6IHA	K4DET	F4GVO
AC9X	DF5CD	WX4TM	W6ZPL	K7JI	G4EHT
AK1P	DJ7JC	YU1GM	W7AM	K9AQ	G4UZG
EA2J	DL8DYL	ZS6NK	W8QWI	K9GY	HB9DRS
EA5HM	G4DBW		W9GG	KA1API	IK0XKP
EA8TZ	HK4EB	111	W9KX	KB2RA	JA0HXV
G4RGK	IK0UTM	8P6SH	W9MMZ	KB4FXE	JA6JYM
HB9HHH	JA0HC	AA8KY	W9WO	KB4KBS	JA9IFF
IZ0FUW	JA9RT	AC0X	WA6URY	KB5GT	JF6AKS
JA2MNB	K0PX	AI1W	WA7HQD	KI0I	JI4HKA
JA4JSV	K0UBR	AI4WW	WD9IOK	KK4TK	JI5RPT
JH3GRO	K1KOB	DK9WZ	WE2L	KM5VI	K0MFI
K0HD	K2DW	DL1DH	WF2Y	KS0Y	K1RY
K0XM	K4NTO	EA2AGV	WO2Q	LA4JGA	K4BNF
K2SD	K4ULA	EA4EJP	WZ1Q	N2KW	K4RDU
K2TG	K5VR	EI1DG	ZP9MCE	N4ANV	K6JJ
K6OJ	K6EGW	EU1TT		N4CO	K7CU
K6ZP	K6LD	F4DVO	110	N5RN	K7IA
K8SM	K6MKF	HB9LAK	AD8NQ	NU0Q	KC5LT
KC2SST	K7DS	HC1HN	AE4M	NW6V	KD4W
KW1DX	K7SX	I2QMU	DF1JM	OZ9U	KP4AH
N1ZJ	K8LE	IC8SQS	DL2AMD	R0QA	N1UZ
N6RC	K9UVK	IK2PZC	DL4IW	R6AZ	N9BVA
N8RF	KD9ZR	JA3HBF	DL8XDA	SV8RX	ND1T
N9RE	KM4HQE	JA3QOS	DM3XRF	TF1A	NN4RR
NJ0F	KP3R	JA9FO	DS4CNB	VE2GHZ	NR3Y
ON6LY	KR4DA	JE1GWO	F5NNN	VE3EDY	NS4X
ON7BJ	LU3XX	JH8GEU	G3WXX	VE3YV	NX3A
VE7BZ	N1BB	K0RW	HB9AGO	W0QL	OZ6PI
W2PD	N3NO	K1VMI	IU8IYE	W0VM	R2ARR
W4CC	N4WOT	K1XE	IZ0GKB	W3KN	SV1XV
W5RDW	N5OP	K3GW	IZ8EKL	W3SB	SV3EXP
W8AEF	NN2D	K3HW	JA0JPD	W4GF	TA6N
W8PE	OZ7QB	K6DJ	JA0UMV	W5SUM	TF3JB
WA1EHK	PY6TS	K8CCV	JA1EMK	WB8EKG	VK2DAG
WA2AOG	R3BB	K9ARZ	JA1KZP	WQ5T	W1KDA
WB9MSM	R7NA	KA4H	JA2KTP	WY4I	W1RH
WK1Q	SP1NEN	KB2HK	JA4HXF	XE1L	W4DWS
WW5L	VA7ZT	KI7M	JA7GAP	YB4IR	W5XU
WY7M	VE3GFN	KJ4YLO	JE3CHA	YV5LI	W6EKR
XE2MX	VE7NY	N1KM	JF1KKV		W7XE
YB0EIN	VK7ZE	N2FY	JH8FIH	109	W9KM
YE1AR	VU3WEW	N3BOB	JJ2VLY	4Z4KX	WA4YYM
YV4DYJ	W1RG	NC6K	JM1GAW	AA4MD	WA5YNB
	W4EJG	NE1RD	JP1NWZ	AA4ZK	WA7BNM

WA8LRW	N1HO	K2GW	106	NZ0O	K2IUUK
WB2UFF	N1TA	K2IE	AA8SW	OE9SLH	K4RM
WI7N	N2TC	K2WR	AB6FI	OZ7BQ	K4VMT
WY7FD	N4KEB	K5ZO	DL7AB	RC3D	K5FXB
ZS2ACP	N8KOJ	K6AHG	DM3CW	RV6ARZ	K6EGF
	NN7A	K8POM	EA2CLU	SA0AQT	K7AWB
108	NT6AA	K8ZEE	EA3LX	TF3T	K7KJ
7L3SQL	OZ1OXQ	K9AAN	EI4DQ	W0TF	KB1OIQ
9A3ST	PJ2HB	K9XR	F5EOT	W1EBM	KB5HC
9A5SSS	PV8RR	KI0G	F5RZJ	W1ECI	KB8ZUN
AC7ZG	S51DD	KI2D	GM0NAI	W1PY	KE7UL
AE4VJ	SP5LKJ	KI7HO	HB9ECS	W2IY	KE8G
AF8C	VU2IT	KM2O	HB9HFM	W3DIY	KJ6YK
CO7RG	VU2OT	KM4FI	HC4L	W4LZW	KL7XO
DH4RL	W0YDB	KP4N	HG6IA	W4OEP	KM4AF
DJ5EY	W2GHD	KR9A	HL1XP	W5GML	KN7K
DL3ANK	W2ZK	N2RD	HL4CBX	W5PD	KO4XM
EA5DKU	W4EW	N3YZ	IK5TBK	W6TGI	KR4U
EA8TK	W4GD	N4KZ	IZ4COT	W9FY	LU9DO
F5UJK	W4PGC	N4WD	JA6ENL	WA3DCG	LX1EL
G0KHO	W4PGM	N5PO	JF1CZQ	WB8RFB	LY3BA
G3VXJ	W4WNT	N5TF	JH8DEH	WD3P	N1XL
G4SSH	W8LYJ	N6ER	K0CF	WS7W	N2PL
I7PXV	W8ZR	N6JM	K0GEO	WX0Z	N3AS
JA0DBQ	WA3FRP	N7VPN	K0GK	XE1V	N3ZA
JA1SZN	WU4B	ND9M	K0HQW	YB0JH	N4FN
JA2CPD	WY2E	NQ2O	K1EP	YC0LOW	N5OGP
JA2VHO	XE1OX	NQ4A	K2JK	YO3NL	N6DW
JA4CZM		OH3FVP	K4GZ	ZL1BBW	N6VNI
JA5OP	107	OZ2TF	K4RP		N7KDT
JG1LBN	AI9U	SM3JLA	K5MMH	105	N7NM
JG2LGM	AJ4IM	SP7QHR	K7CTV	9L1JT	N9AX
JJ7XTV	DK3TL	SP9IZV	K7PT	AA4UJ	NF7D
JK7LXU	DL2KUA	SV2DSJ	K8CJY	AA4XR	NS7K
JR1VAY	DL6ZNG	UR4CW	K8FB	AB2NI	OV5O
JR3QHJ	EA1AA	UR4IOR	K9SUH	AC5O	PA2SWL
K1KZ	F1ICS	VR2XYL	KB9AIT	AD5MD	R3LO
K4DB	F8DZY	W1XY	KC4PX	AH7G	RA6XV
K4JDV	G0RPM	W3UI	KD3UY	DJ8KM	SM0EUI
K5LA	G0THF	W3UTD	KE6V	DL6DK	UQ2GM
K5VG	G3RZP	W5UQ	KF8VX	DL9NDV	VA7DX
K6NS	HA8UB	W6BBS	KJ6ZH	EA1AZ	VE3MSK
K6XJ	I4FGG	W7SMW	KK8MM	EA1T	VE9RJ
K7QBO	I5XFD	W8LWU	LY2PAQ	EA5XV	VY2RU
K8BB	IK6CGO	WA2PNI	LZ1HY	F8GB	W1KMA
K8ZT/QRP	JA1ASO	WA9IVH	M0RTP	HB9CA	W1USN
KD4RH	JA1CJO	WB9UQE	N0MR	IK0WMJ	W3DAD
KD4SN	JA3GAK	WD4IXD	N4LB	IK2DJV	W4CU
KE4KMG	JA7XRO	WF8R	N4WMB	IZ5IMB	W4RQ
KE9XN	JH1AQN	WM4AA	N8TFD	JA6MWF	W4WIV
KX5V	JH1XFR	WY9V	NA7RH	JG3KMT	W5ADH
LU4FW	JM7TKK	YB0WWL	NK7L	JH2AHZ	W6SIY
MM1PTT	JP1GUW	YO5OEF	NT4K	JH3AEF	W7MD

W7VS	KA5JSM	GM4ELV	NA8W	DS5JMG	N4DJT
W8EH	KA5RNH	HA0IT	NC6RJ	EI5JL	N4PAJ
WA0GOZ	KE1B	HL9HH	NM4Q	EI9FVB	N8WL
WA4HXC	KF0RQ	I0BJV	NX1P	F4HAB	N9HUK
WA4RTE	KF6E	I6XGZ	RA3LD	G0UGO	NA3M
WA8A	KF8AR	IS0/YO3RA	RM4C	G0UUI	NG4P
WA9SQH	KH6XT	IS0MVE	RZ6LB	G3JFC	NI7F
WB0CHS	KI4RD	JA8AQ	VE1GBD	G4AYU	NX3Y
WB3AVD	KK4MA	JA9IPF	VE1HA	HC1HC	NZ3L
WB4KZW	LA3ANA	JE4FNC	VE3GLA	I7LGM	OH3PYY
WB5IUU	LA9VBA	JF1MTV	VE3MIS	IK2ECP	PF7M
WD1X	LZ1SW	JH1OGT	W1VEM	JA3MHV	PR7AB
WK1J	N3COB	JH2CYU	W3ATV	JA3VQW	PY2OP
WO7V	N3STZ	JH5OTE	W4TJE	JH1GNU	SM7TZK
XE3ARV	N4PF	JH7WQX	W5SG	JJ1KZZ	UA2CZ
YO6BHN	N7YQ	JK2VOC	W6OP	JJ2BLV	UN7BK
	N8PE	K1HDO	W6SA	JO1MOS	UX4UM
	NE6V	K1ROA	W6SFK	JO3WHB	VA1SEA
104	NY2E	K2YEH	W7IH	K0GX	VA7FC
AA6PG	ON6NG	K3GP	W7PC	K0ZM	VE3KKB
AA6XV	PY2CP	K4MQL	W8KTH	K1CN	VR2ZXP
AF6O	RW3QHN	K5NV*	W8LAQ	K1HC	VU2LBW
DL6DCD	SL0AS	K7RAN	WA7IHN	K2FJ	VU2MB
DS3EXX	SM5NAS	K8CR	WA8MOA	K2MHE	W0FF
EA4DEI	TI4SU	K8TLC	WA9BXB	K3IU	W0PXM
F5VML	VR2KF	KA2F	WB2EBS	K4CKS	W1DAR
G4GEE	W1TW	KB1CQ	WB2GMY	K4KZM	W4PM
GU0SUP	W5AP	KC1XX	WB3HLH	K4NI	W5TZN
HA0EQ	W6FUV	KD1AB	WB5TOI	K4OP	W7YED
I3DUB	W7TUS	KF8PD	WB8PKK	K4VUD	W8DN
IK4QJH	W8PAT	KI0KN	WB9TFH	K5GZR	W9LU
IV3EHH	WA4TMJ	KI5GF	WD4AFY	K5PV	WA8COB
IZ8EYN	WB6MBF	KN4T	WE9M	K6VMV	WM0G
IZ8FDH	WQ5G	KP4GC	WK5X	K9QA	YL3GDM
JA1KXY	WV8DX	KS4Q	WN5K	K9WA	YO8PS
JA2DCN	YL2IP	KT6LA	YB9AY	KA4JNB	YV1AVO
JA3MIO	YO5QAW	KV8P	YC6JRT	KC4GKY	
JA4AO		KW9K	YO4AUP	KD2SY	101
JA5EEU		LB8CA	ZL1ANJ	KE3ZT	5P5Q
JA7TQK	103	LU5OM	ZL2AO	KE5FXE	AA2VG
JE4WOK	AC4CA	M0PCB	ZS1DX	KK4CLY	AE0MO
JO4JDU	AC6ZM	M5LRO		KM8V	AF3K
JQ3TAN	AD0TR	N1KI	102	KM9Y	C93PA
JR2PAU	AF3X	N2QLT	AA1DN	KO4PRE	DJ3GZ
K0FF	DJ3NK	N2ZL	AA1IF	KU0S	DK8IZ
K2DF	DJ3XG	N3NVA	AA5H	KV1M	DM5TI
K2RNY	DL1ET	N4LS	AB5YI	KW4BY	DO5SB
K4KFH	DL1SVA	N4ST	AC8TO	LA9PHA	DS2BGV
K5RKS	DS4DBF	N5RA	AD5BV	M0LUX	EI3ISB
K6JAD	EA4S	N5YY	AD7XG	N1EDN	EI6GF
K6MYC	EI5GM	N6IBP	CT1YH	N1IN	EW2CR
K8TS	EI8IQ	N6MXU	DL2XN	N2MG	F2AR
K9BJM	F3SJ	N7NF	DL5PW	N3DAP	F6ARS
K9JDP	G3VDB				

F8DHE	OH2LHE	ES7GN	KI6PG	W4LEW
G4DDL	PA1NHZ	F1OBJ	KJ4EX	W4MIR
G4VWI	RW9LL	G4PUQ	KJ4UZU	W4UT
G8GNI	TF3IRA	G4SGX	KN4OK	W4YR
GW4TSG	UA3FT	GI0VJE	KU4A	W5IO
GW4WND	UA3UCD	GM0VIT	LA8W	W5WS
HB9BNQ	UA9CIM	HB9CZF	MW2I	W6OU
HI3I	UR3HC	HL4XM	N1GFV	W6PG
HL1SX	UY5AR	I8YAV	N2JNE	W7NUW
I2YPY	V31CQ	IK2HLM	N2XTT	W9COS
IK2WSO	VE6TL	IZ4IRO	N3CAL	WA9EZT
JA1BJI	VK3FNJ	JA1BDF	N3MX	WB2AMU
JA3WMS	VU3CAU	JA1EYN	N3PS	WB2BXO
JA5ALE	W3GP	JA2ODB	N3PV	WB2MKX
JA5XPD	W5TSB	JA3BKP	N4GOA	WB4JPG
JA8ANQ	W5TUF	JF3MKC	N4UP	WB6RAB
JH2AJY	W6QL	JH1HRJ	N4UY	WD0AJG
JM1SMY	W7WT	JH8CFZ	N5CR	WD1Z
JR3TOE	W8JY	JJ1IRS	N6DKZ	WI0E
JS6QOM	W9IE	JM1JZN	N7ZT	WK3A
K0HIP	W9QO	JQ1YIW	N9AKR	WM1L
K0SQ	WA3YGQ	JR1AHH	NA9L	WM9Q
K1JE	WA7HR	JR1LZK	NE3K	YB0MWM
K1YA	WB8TGY	JR3ADB	NJ4V	YB1BML
K2KNB	WD4OHD	K0MB	NO2EL	YB2TS
K2RB	WF3M	K1YWW	OM4KW	YO2OXD
K2UT	WS7I	K2ITT	OZ1ZD	YO3GJC
K4TOR	YB0AI	K2RKJ	PA3GFE	YO6HSU
K8ARY	YB1AYO	K2ZD	R3DL	YU1LD
K9EA	YL7X	K3CWF	RA3UT	ZL3PAH
KA1NCN	ZL2LW	K3HPA	RA6XB	
KA4IWG	ZL3NW	K3RRR	SM7DXQ	
KB5NJD	ZL3TE	K3SUK	SP5BMU	
KB8DID		K4AEN	SP5ZCC	
KC0V	100	K4HEB	SQ5M	
KD0AA	5N0ETP	K4LRX	SV8RMA	
KD1YV	A41ZZ	K5HX	TA2AD	
KE9UA	A71XX	K6JBH	UA4PT	
KJ4FZ	AA2MF	K7NW	UX5XK	
KK4ODQ	AA2T	K8ESQ	VA2GA	
KM4EX	AB4KJ	K8MRT	VA3OKG	
KU9S	AF8P	K8OS	VA3VF	
KZ1X	AI4EY	K9CHP	VE2ACP	
LA9JKA	AK4N	KB2S	VP5JM	
N0IRM	AK9B	KB3KJ	VR2IL	
N1GNB	DG0OAT	KB4CP	VU2DED	
N4VG	DL2YBG	KB4FB	W0GXA	
N6RVI	DL3XAC	KC4DM	W1FP	
N8LIQ	DL6ZBN	KC8YG	W1KQ	
N9OK	DO2UDX	KE5MMT	W2FS	
NE5W	EA2RY	KE8NOA	W2NY	
NK6O	EA4D	KF9WV	W2RL	
NZ3M	EI5GSB	KG6KH	W3EP*	