

ARRL DXCC - 12 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 03 Jun 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 RTTY 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.

348 K2TQC SP5EWY	342 JR2KDN K4DY K5UR KF2O N6AR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK W1YY WD5COV WK3N	F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM	WB6RSE 331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI W8UVZ
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST K4HGX W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN	330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA F6BK1 HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYU K9CT KD5M N4JF N8JV N9IW
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T VE3XN			
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE SP5CJQ				
343 DF3CB K3FN K4MQG VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK		

NR1R	JE2LUN	W6RLL	K2UO	K1LD	K9MM
OK1MP*	JH1TWT	W9OP	K6FG	K4EM	KE9L
RA3CQ	JJ2KXK		K7NN	N4II	N2BJ
SP7GAQ	JJ8DGO	324	KA9CFD	SP7VC	N4QS
VE3FF	K0DEQ	DK9KX	KU0A	UY5ZZ	NE1B
W3NO	KW9A	DL5DSM	N4DW	VE3EXY	OE1WEU
YO5BRZ	N6JV	G0DQS	N4NX	W3KX	SP1MGM
YU1FW	PY2YP	G4CCZ	OH1LEU	W6XA	UX1UA
	RZ3AM	I0WDX	ON4CD	YV1DIG	W6VX
329	SM2GCQ	IK5PWQ	PA3EWP		WX4G
GM3POI	SM5CZQ	JA2BDR	R7DX	319	
IT9DAA	SP6M	JA2DPC	SM5KNV	DJ4AX	316
IV3JVJ	SP9DWT	JH0INP	UA4CC	DK1FW	DF2UU
JA2JW	SV1RK	JR3GWZ	VE1DX	EA8AKN	DJ5FI
JA7KY	YO9HP	JR3OEH	W5CIA	IK4DRR	DL5WW
JA7MSQ		K5KC	W5TCX	JJ1DHY	G0OIL
JH1GZE	326	N1NK	W8A	JR7VHZ	IK2QPR
K0EU	EA5BY	N8BM*	WP4U	K5MC	JA8EAT
K1HTV	JA9APS	NK1K		K6AM	K3WA
N5AW	JF1WPB	OE8HIK	321	N4DB	K4HB
NI0G	K5EK	R3OK	AA4V	ON4AOI	K8YTO
NO8D	K8PT	VE2TZZ	AD1C	UA3AP	KG8P
OZ1CTK	LU2NI	W3LL	G3TXF	W5WT	KQ8M
R4GM	N3NT	W9OL	HB9BIN		N5DG
SP6CIK	N7RT	WB4TDH	IK2YCW	318	RV3LO
SP8NR	OZ1AXG		JA0GJJ	A45XR	SP1JRF
W5XX	SP5DIR	323	JA1XEC	AA4HP	UA3DPM
WA1JMP	W8DCH	AD5A	JA3AZD	AA8CH	W1GL
		EA3GP	JH1IFS	DL6KR	W7MO
328	325	GM0GAV	JH3CUL	G4PWA	W9ILY
AA5AU	EU7A	JF1KKV	JH3VNC	HB0CC	WA2VYA
DL7MAE	HB9DHK	JH2FXK	JH4ADV	JA2JNA	YB5QZ
IZ5EKV	I5NPH	JJ3PRT	K2VV	JH4JNG	YO7LCB
JA1SJV	IZ0AEG	JR2LJO	KV7K	K2TE	
JA6BZI	JA2FJP	K9YY	KX4R	K4IQJ	315
JJ4POR	JA5WIZ	KF0QR	LA7HJA	K5BG	9H1SP
K4QL	JE1SYN	N5TY*	N4PQX	K5DU	AA5AT
RU3FM	JF1PUW	N8RR	N5XZ	LA2PA	AB3CV
SL0ZG	JF3KON	NY0V	OE6MDF	PY5EW	AB6QM
W1ECT	JF7XKY	OH2BLD	OE8RT	R3VA	G3VKW
W2IRT	JH8RZJ	SM6DHF	SM6DHU	RA7A	HK3W
W4UM	JS2LHI	UA3AB	SV1FJA	RW3RN	JA1ANR
W5FKX	K9EU	W7AO	UT7UJ	VE3LYC	JA8RJE
	K9IR	W8OI	W4FC	YO3APJ	JA9CWJ
327	OE2LCM		W8GC		JN3SAC
AB4IQ	ON4IQ	322		317	JR2BJE
CT1APE	R5AJ	CT1BH	320	AB9V	K1BD
CT1IUA	SM4EMO	EA2IA	CT4NH	DK2NG	K8NVR
DK5WL	SM6CCO	F5PAC	DF2RG	HB9HFN	N5OK
DL2OE	SM6CMU	IK4GME	DM5EE	JA2IVK	OE3EVA
EA1YO	SP1S	IK8YTA	FK8CP	JO7WXN	ON4IZ
EA5BM	SV8CS	JA4FKX	I2EOW	K2RW	PY2NQ
I4EWH	W1RM	JJ2LPV	JA3PIS	K6YUI	SM3VAC

314	ZS6EZ	309	G0BLB	304	CU2AP
AC4G		AA5AM	I5HOR	DJ9ON	HP2AT
CT1DKS	312	JA1EOD	JA2XW	DK5AD	IZ1LBG
DL6CNG	F3SG	JA1VSL	JA3GN	HB9CEX	JA0DIN
EA1N	JA1SYY	K1AR	JA6WJL	JA2NDQ	JA1LSP
EA6VQ	JA1XCZ	K8QM	JJ3HGJ	K8GI	JE1LFX
G3NDC	JA7QVI	K9ZO	K2SHZ	KC7V	JG8FWH
HA1RB	JH1AGU	NN4SS	K3RA	N7US	JK1GOK
IZ8FFA	JH1QAX	NU8Z	K9RX	N9RS	K4SE
JA2AH	JR1BAS	R9TO	NI6T	UY5AA	MM0EAX
JA2ZL	K1HT	RU3DX	W7DO	ZL3JT	PY7DJ
JA5XAE	N1IBM	RX3AGD	W7OM		RN3QN
JR4OZR	N5ORT	SM2OAN	WA5VGI	303	SV2AEL
JR9LKE	RU3QR	UA4LY		E72U	WB5JID
K2LS	SV1CNS	W2JU	306	EA3GHZ	
K5AQ	W7CT		DL1KUR	G3LZQ	300
KB0EO	W8HW	308	DL5EBE	HB9TKS	9K2OD
KC9ARR	WB8BPU	DL2CHN	HB9DDZ	HL3IUA	AC0A
LA7AFA		F4BKV	IK4PLW	HL4CJG	DL1TRK
MD0CCE	311	HK4SAN	JA4EPE	IK2RPE	DL4CF
OE1AZS	CT1FMX	IU7QBB	JE2LPC	IK4ADE	EA1AF
OE1ZL	IK0PEA	JA1IZZ	K5WAF	JK1EXO	EI2GLB
SM4DDE	IZ2AMW	JA2WYN	KD3CQ	K7WP	IZ5RVG
SV1DPI	JA2XYO	JA7IC	N4TL	K7ZA	JA1SVP
SV1JG	JA4MRL	JA9TWN	OE5RLM	K9MK	JA9AA
UA6MF	JR6FC	JG4AKL	R8TX	K9US	K3XA
UT9FJ	KM4H	JH1SJJ	R9FM	KB1JZU	K8GG
UX0FF	OZ4O	JL1RUC	UN7JX	LA3WAA	K8TL
YU3AA	PY2XU	K0GY	US5WE	RL3FA	K8VFX
	SV2DGH	K0KVR	WE9R	RW4NN	PA3CSR
313	UR0MC	K2UU		SM6CUK	UR5EDX
5B4MF	WB9CIF	K8OM	305	SP2BMX	W3OA
CT1GFK	WD0DAN	KI0KB	DJ4XA	SP3IBS	W3RJW
I3BUI		KN5O	JA1IOA	SP7HOV	W5VY
JA1GRM	310	KS1J	JA2VQF	SP7ITB	W6TC
JA5IU	HB9SLO	N8TR	JA7BWT	W1SKU	W9AJ
JA6VQA	JA0CRI	NQ1K	JA9GPG	WT8C	
JA7JWF	JF8QNF	OE3SGU	JE6TSP	302	299
JF2UPM	K0KX	R7NW	JH7RXU	DJ5JH	DM2DXA
JG3LGD	K5XI	SP9JZU	JR2UBS	F5CQ	EW2A
JH1NYM	K6RO	VA5DX	K0JUH	HB9DDO	G3SVD
JR1BLX	K8AC	VU2NKS	KG4W	HL2IFR	HB9RG
JS3CTQ	K8FL	W2QO	N9AU*	I1EIS	IK5RUN
K4SO	LA9AJA	W5ADD	PA5TT	IW1ARB	IZ4MJP
K6KLY	NS6C	W6ENZ	RA9CMO	R5DT	JE1DXC
LA7JO	RA0FF	W9MU	SM3NXS	RK4FD	K6SIK
LB8DC	RL9F	WA8WV	UT2UB	W0VX	KB8VAO
N2NL	SP6HEQ	YS1RR	W1YM	W4QN	N9FN
N8KOL	W0YG		W5AJ	WD4LBR	UA9FAR
NN4R	W4BP	307	W5XC		UN6T
SP3CGK	WB0TEV	A65BR	YB1UUN	301	VE3BW
W9RN	WD9DZV	DK2JX		AE5E	
WA7NB	ZS1LS	F2JD			

298 5B4AHJ DL7BA G5LP HB9BOI IW0HQE JA1WSK JA4ITW JA5BEN JL2JVX JR7WFC K2PK K8EUR ND0N PY2VA ZL1BYZ	295 DL1DUO EC3A IW0SAF JA1BPA JG0CQK JH4ALY JM1FHL JN1RQV K0TPP K1GG K4XD K5VIP K5ZK N7TY NA5C RM0F SM5FUG SP8HKT SV1GYG VU2PTT W5LT W6XK W7AL WA9PIE	K4JAF KD0Q N2LM N4RWG PY2IQ S55DX W7ZJ WA4FFW YO2CMI	290 AA4A I4KDJ JA1KQX JA1QXC JE2DZC JE2EHP KD0PO LA2QM LA5LJA LU3CQ PP1CZ SK3PY SV3AQR UN7LZ UN7TW W1EQ W2LK WB9EEE	287 9M6YBG AA8LL AA8R IV3GOW IW1QN IZ8FWN JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA R9SA SM5ARL W1VT W4YCH W8AV WA6F	JA0PE JA2IYJ JA2VMU K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E
297 E73Y HB9CQK JA3RQ JE7JDL JE8CLT K4MS K6ND K8WK K9SM KG7H KT1J W6YI	294 AI9L CT1FCX EA6NB HA9PP JA1FQI JA5SUD JE1GWO JJ1DWT JR1DUP K3PA K7ZV KZ4V N0KV OE5BWN RU6L SV3DCX W3JX	292 DL5CW E72A EA5AT G4GIR G8DX HB9BAT IZ3ETU IZ8VYU JA3EOP JH0BQX K3FRK K5DHY K7ZD LU4FPZ N8II R6AF SP5IWA W4VIC W6SR XE2CQ	289 4Z4DX AJ6T AJ9C DL9TJ EA6ET JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX	286 AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS LU8EKC N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI	DL6JZ EI9FBB GM3YOR JA0DET JA8CJY JG3SKK JH3SIF JN1BMX K9NW N4LR OE2GEN SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ W9MJ
296 AA4R AA8OY AD6W CT1DOF EV1R GM0AXY JA1JAT JA7LGE K6FW K8VC LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W2GG W9JA WA3AFS YO2RR	293 DL1HRN DL1SMA EA3WD IK0HFO IV3YYK JA2CXF JK1TCV	291 G0EHO IT9CVO JA3ENN JA9FAI JH1BAM K0BBC K4ZO KP2A LA5HE N2TN N7IR N7RO VE3CFK W7BEM W8TN W9FR ZL4TT ZS2DL	288 IZ0RVI JA2JRG K1DG LZ2JE N5LZ N6UK ON6AA PY2KP UA3AGW W1YIF W2LE W2NO ZS2EZ	285 4X6ZK CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO	283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW W6BJH
					282 K1DT K1USA K5UO K8ROX N6TA OH4UI PC3T RD3AW SM4CTI UA0BA

W1OPD	278	W4MAY	JF1LMB	VE6LB	IK0UTM
W4OX	9A4T	W5GO	JH1OBS	W8HC	IW7DVM
XE1KK	EA8RR		K1UU		JA3BXF
281	EI9JF	275	K7EG	269	JA6GPR
AD5Q	F2NH	CT1FPQ	K8BL	IK7FPV	K8AJS
BA4RF	JA8LRG	JE1BMJ	KA1ERL	IK8EPC	PZ5RA
EA5OX	K2UR	JG1OGM	KI4GE	JA1OVF	RA4CA
F3AT	N4HB	N2JJ	N2DPF	JA1VLK	SV1HEP
I1FQH	N9ISN	N7KA	N4JQQ	JH3FHQ	W0FLS
IZ8FDH	SM0NJO	N8PW	N6PSE	JP1NWZ	W7YAQ
K0GD	SM4AZQ	ON5UE	N9RD	K0KT	W8MET
N2WB	VE3CRG	PA7RA	OE5FIN	N4UOZ	WB2GAI
N5GH	W8MHW		PA0ZH	N6RV	WB3LHD
OZ1IKY	W9HBH	274	SV1ACK	NW7E	
SM5ENX	WF2S	EW1KP	W2OO	OM4EX	265
W0LS	WT4Q	IW0HOU	W3ACO	SM5FWW	4F2KWT
W8KEN	277	JA8ZO	W3AP	WA0RVK	G3WPH
WN6W	EU1KY	JH1IAQ	WA1S	YB1AR	JA4FM
	F5UJK	K3PT	WL7E		JH1ACA
280	JA8DNV	K6UM	ZS1A	268	JR1WCT
CT1EAV	JA8EOT	KA8SYV		7M4AOE	K2CBI
GM3PPE	JH3KAI	KA8ZPE	271	HB9BUN	N5KM
HA5VZ	JK1UNZ	KS3F	4X1RU	HB9IQB	N9JV
IZ3ENH	K2AJY	RA5BM	HL4GAV	JA1NWD	NU1B
JA3XNH	K8UT	SV9AHZ	IK2DZN	JH4HMG	NV9L
JA6TMU	UW2ZM	UA3ECJ	JH1OCC	K2KA	W6RS
JA9NLE	W1KSZ		JM1HJG	K6IPM	
JF1NZW	W2PP	273	K3PU	KD4W	264
JH1BNC	W3BW	AB4SF	KB1EFS	LA0FA	4Z1UF
JH1HHC	W8RLS	CT1BWU	LB2TB	N2AJ	EA1KP
JR6LLN	WA3C	DH2PC	NN4X	N5JB	F6DBX
JR7FRW		EI6FR	OZ4VW	SM6BGG	HB9DHG
K4WNW	276	IZ4DPV	UA3TT	W2FV	IZ0NRG
PY2DS	AA6AA	JA1KPH	W1MK	W9OO	JA1IAZ
SM5CZK	DK3WW	JA2TBS	W7MEM	WA1YTW	JA7HRM
UT7UV	HB9LCW	JA6BEE	WA0MHJ	XE1MEX	JR4LNG
VK3HJ	HK1MW	JH3GCN		267	K1CA
W8LGJ	IZ5BAM	JJ3CJP	270	IV3VBM	N1EN
ZS4TX	JA2XCR	JM2RUV	7K1PTT	JA2QXP	N1GC
279	JA7FWR	N4IG	AA4FL	JA7BEW	PA7TWO
JE8TGI	JA7LMZ	NA5DX	BA4MY	JA8UIV	SV1CQN
JF2XGF	LA9VFA	OZ1ACB	CT3MD	JJ1TKN	VE3YF
JH7BKN	N5MOA	OZ1LCG	DK8MCT	K4RG	VE6AX
JO4CFV	ND4X	RW7M	EA1KY	K5VWW	W5PF
KF2DT	NK0S	W4HG	F9XL	K6BV	W6TMD
KQ4AV	OH1JP	W8QZA/QRP	K0BJ	K7XB	
OH1ZK	ON4CAS	272	K7UA	KI5BLU	263
VE3DZ	RX4HZ	AF9H	K9JF	N3VA	DK4TP
W4UCK	SM5CLE	DS5ACV	K9MBQ	SM5BMB	EA3CJ
WB2BIN	W1YRC	F5PBM	N4QQ		EA4DL
WO7R	W1ZT	I5OYY	OE3HWC	266	HA7UW
	W2OIB	IK5PWN	PU2POP	EI8IU	JA7XBG
					JR8AMF

K1KO	EA8MT	DJ0UT	WS9V	JA1SKE	W0RX
K8FH	EA9IE	DL9FCY		JA5BGA	W8IQ
K9FN	EC1AIJ	EA1JO	254	K4VIG	W9RC
KN6KI	FG5FR	EA7SG	BA7IO	K8CW	XE2D
N1RR	JA2FBC	EB3CW	CT1BWW	KG9Z	
N7BT	JA3VPA	IK2PZC	IZ5YHD	KJ7TEA	248
NF1G	JA3WLN	K1SM	JF2WXS	N4SC	AK5X
SM7IUN	JH3FUK	N1API	JH1VUO	N5UL	G3VPW
WA4LOX	JJ2WOC	N6HC	K3SEW	NV4B	HB9DOT
ZS6NJ	K1ESE	PY2MC	KI1U	W2JLK	HL2KV
	K4KAY	RU1AB	LA5YJ	W3ABT	JE2VLG
262	K6EME	SV1VS	NE8P	W4SK	JJ1SKG
CU3EJ	K8YSE	W0JM	UA3O	W5GAI	KF7F
I5REA	LY1G	W3FI		W6DE	N4XP
JA8BAR	N6MZ	W5DM	253		N6KZ
K0DD	NT5V	W8MJ	AC9O	250	SV1IW
K2SN	SK7AX	WV4TN	JA6IVR	6K5YIA	W2TB
K8AV	SV1FJP		JA8XQI	EA1RT	W8IW
LA6UL	TG9NX	256	K1FEV	F6HLC	
LA9FFA	W2XI	BH4QYX	K6MKF	HA7TM	247
LA9GX	WA5LFD	EC1A	K8DV	HB9EFK	CT1FUH
N3RC	WV8DX	FG8OJ	KE1F	HI8R	JA1PBV
N8OC		GU0SUP	N7XR	JH6PFY	JJ1BMB
NK4L	259	IK4HPU	UA0FO	JL1MWI	K1PL
NX0I	CT3KN	JA0KJE	W2/CT1GIF	JR0EQQ	K3VAT
SP6JIU	DJ8NT	JF2VAX	W6RW	JR5JAQ	KH6M
W0GG	EA3EQT	JH1RGG	WF4U	K9YC	N4QWZ
W5ZG	EW1BA	JM1GHT	YB0COU	K9ZM	N7DED
W6NWS	JA8BNP	K4JJW		KQ3F	NA9RB
W7LGG	JE2RDO	K6EID	252	OH2IS	PY5IP
W7QDM	K2UFM	K8RRT	DL7UPN	PA0JSE	W7IB
W9PZT	NI3P	M0TTB	F1ICS	PY2FN	W9JJB
WA3GFM	PY5CC	N1SV	G3KWK	UN3G	WS5W
WB8ART	W1KDA	NA5Q	G3NKC	W7HPW	
WQ6Q	W7AH	VK3NX	JA1BNW	W7IU	246
YB2DX		W8JRK	JA4HAW	YL2KF	AA7G
	258	WB7B	JE1HRC		AF5CC
261	CU3EQ		JF3PNQ	249	FG4NO
DK3PZ	DK7YY	255	JH4CBM	HL2CFY	GW4TSG
G3UAS	HL3AMO	AI6Z	JL1BYZ	IZ8GGF	HL2EIZ
IZ8IEV	IK4AUY	EA5RD	K1EFI	JA1EMQ	IV3KFB
JA3FHL	JA9AGN	F6ECI	K5FZ	JA8FFM	JE1VTZ
JA4VLK	K0TT	HC1BI	KB9DAK	JH8GEU	JK1WSH
K2FW	KH2L	HL3DE	W2GW	K0GW	JR7GBL
K7LJ	SA0AQT	IV3TMM	W2ZI	K9NR	KB6CIO
KM1D	US0YA	JA1VRU	W7CA	KM6HB	N6PM
LA5SJA	W1SSN	JK1OPL	WV6E	N0RN	W1KMA
OM8FR	W5JAY	JR3UIC	WV9L	N3KN	W3ICM
SM7CQY	W9EWZ	KR4F		NH6T/W4	W5ZO
ZS6WB	ZL2IFB	N1RK	251	OZ5NJ	W8OP
		N5BO	9A4W	SM4OLL	
260	257	VR2XMT	DL2RTL	UN3GX	245
AA9A	AF4HX	VU2CPL	JA1DDZ	VE3YV	AJ8MH

EA4DEI	N6HY	K1XV	236	JR1VAY	HL2ZN
G3KMQ	VK3BDX	K2XF	HB9DQV	JR4LZX	IK1IYU
HA5PT	W8CZN	K4QE	HB9ZS	K4MF	JA1MZL
JA3QOS	W8GNM	K8YYY	JA1HOM	KE5FXE	JH0AWC
JJ6DGP	WB8K	N8SHZ	JA1JYE	KE8UM	K2RU
K3EA	241	NF4A	JA3KNN	KX2A	K4YJ
KF7PG	AB5C	OE3KLU	JH1UBK	ND4V	K5IB
N0AH	IS0AFM	OH7TV	JN1NOP	W3WST	KD6UO
N2NW	JF6XQJ	WA6JA	K1ACL	WA4JQS	LZ2XF
NZ3O	JP1IOF	WB4KTF	KM3J	WA5UA	NA4EA
S55ZZ	K3WWT	238	KS4S	233	SM7NDX
YB0NFL	K7KB	G8AJM	N4GN	AA9GR	W2DXE
244	KV1E	HB9MFM	N6IE	AA9RR	W4UDH
IK8UHA	N4OA	JA0LXP	OE2BZL	AJ4A	230
JA1CZI	N9SF	JE1PNX	OZ7FOC	DH0GSU	G3LUW
J16IHG	PA3BWD	JF0JYR	PA0TCA	DS3HWS	JA5NPV
JJ1QUV	W5DNT	K9GA	VU2CDP	EA5AR	JA6AVT
K0KG	W5QM	K9OR	W0HBH	JA0KJD	J11VVB
K1KA	WA8MCD	KA4RRU	W2YR	JA3NHL	N9PGG
K1YR	240	KF9UG	W3FOX	JH1SOD	SV8CKM
KK1W	7K1CPT	M0CSD	W4GIW	K8BN	W2KA
SP6A	E21EIC	N4PJ	W6DR	K8EAB	W8FIB
W0QQ	G7SSE	N5ZC	WA1PMA	N9BX	W8WVM
W4REX	IW3GJF	N9UA	WY6N	NE3F	W9YE
W5PJR	JA1DM	W4KA	YB2TX	SM0XBI	WB2NPY
W9FI	JA2FSM	WA4QMQ	235	W2NRA	229
WA2USA	JH1APK	WB0TVY	EA7QW	W6YOO	AA3LX
WA3F	JN1NBU	ZL4AS	EI2HY	WB2KSK	AE0P
243	KF0LA	237	EU1U	WD8PKF	AH0U
DS5TOS	N0ABA	CT1BOY	JE1IBI	WE4S	DL8SDC
G4XRV	S51NM	G0VXE	JH2VVH	232	IK2GAJ
JA2EPW	SM3LGO	HB9CXZ	K0EOO	AC9EM	JA2VHO
JS6TWW	SP5LKJ	HB9JOE	K0VSH	EW4C	K0HD
K8ME	UX5UO	JF2OZH	K5CWR	G3XLF	K3FM
W1BR	W0SZ	JH1DGQ	K8ZM	HB9DVO	K4CMS
W4PNY	W8WEJ	JR0QFA	N2FF	JH0OXS	KD1F
WX2U	WA4CEM	K1RV	N4IQ	JH6DUL	KI4DLS
242	WB8CQV	K2NV	NA5Z	JR3VMJ	N3PS
G4FKA	XE1RBV	K9JU	NW4M	K4ST	N4NW
JA4ZA	239	LB5WB	TA1CM	K5FNQ	NE6I
JH1ERJ	AG1A	N4HID	W3MR	KK9H	W1WC
JH1WJR	DJ9RR	SM0MPV	W7YW	NJ7G	YB1TJ
JH4ADK	I0JBL	W6AER	234	NY2NY	228
JK1VXE	IZ1JMN	W8UN	DF7EE	RQ3A	7J1ADJ
JR1MLU	IZ2FOS	WA0ROI	DK2CC	SV8DOU	AA0MZ
K3NQ	JA6CBG	WB8B	HB9BYQ	W6CYX	F1RAF
K4PB	JA7KE	WB8ZRL	HS1NGR	W9ZCL	F5LIW
K7FEL	JA9NFO	WC3W	IK0LNN	231	JF1RYU
KJ7M	JE2UFF	YO3JF	JA2OLJ	AD5WB	JF1WLK
N2NS	JH1DGJ		JH5HDA	DK6OR	JH2PWY
			JK1BSM		

JH3GFA	JL3OUW	E77S	JA1FJJ	KX4TT	IV3FFI
K4JC	K0OK	IZ7AUH	K4MV	LB6KC	JA1FVS
K4KGG	K1JIU	JM1VRW	K5CD	NC4RB	JG3RWX
KB1DMX	K2HAT	K2AT	K5JZ	PS8ACL	JR1EFG
KE0A	K3SF	K6ZZ	KD2T	W0SR	K5ALQ
KE4UW	K4JWA	KB5UNX	KE6V	W5VQ	KK2M
RA3QUA	K5YU	KS4YT	KG6I	W9MO	N6PEQ
UN9L	MU0FAL	RA4P	KI7AO	WB3D	N8GP
VR2CH	N0ODK	VE7BV	KR6C	WS1L	NA2M*
	N2SQW		N1KC		VK3FM
227	NA2AA	221	N6DX	215	W1LE
DF8FT	W5GZ	EA2AAZ	W6GRV	9H1EJ	W3BJ
DL2RUM	W5LO	HB9HBZ	WA3I	AA7XT	W7HR
I0MWI	W5TFW	IZ1JLG	WW8W	DS4GKF	
JA0DWY	W8UV	J11NJC		HB9IIO	212
JK1SQI	W9KVR	K4CGY	218	I1YDT	G4ZOY
K1GE	WE1P	K5DV	DL2NOM	I5XFD	JA1BWA
K5GH	YO9FNP	KU4XO	DL4NBE	IZ0BVU	JA3LDH
LU6ETB		KV4AA	I7PXV	JP1GUW	JR2PZX
N1NU	224	N4TOL	JH1OGT	JR0AMD	KU4BP
N6OJ	JA1OVD	N9JR	K1NJ	JT1BV	N4FN
NA9Q	JA8NFV	RU0SN	KE3D	K1TZQ	SM5AOG
W4DEE	JO1LVZ	W0BM	KR2Q	KF4NEF	VK5GR
W5SL	K1CBK		N4JT	KO6KD	W5DAW
WA9GON	K2TER	220	SM7WVZ	N8NN	WW2DX
	KZ5DX	AA6RR	TZ4AM	RN9N	YL2TW
226	N3RW	DL4DW	W5GA	VU2DCC	
DM2RM	N7WO	DL4LAM	WA2NPD	W0FG	211
EA5B	RW4CY	EA5DFV	WC4H	W0TT	AA8SW
I0OSI	SM7BHH	EI9FVB		W1JGS	JE2KSM
JH1IED	SP6AXW	K1DJ	217	W4IS	JJ1KZZ
K2BA	V51B	K1NTR	IK0CHU	W6SL	JO4JDU
KK4OK	W5RF	K4EU	JA2NNF	ZL2AL	KT2C
N2KX	W7NN	K4MIJ	JA7ZP	ZS2Y	N1BY
N5ET	WB0O	K5MT	JG5RVQ		SM7GIB
N6BM	WN6K	K6MM	K0NV	214	VR2XLN
N9AOL		K7AWB	K1RH	3A2MW	WY1G
NG7M	223	K9WX	KU8X	DJ3AS	
VE3SKX	AB4UF	KV4T	N6QI	F4GVO	210
VE7TK	AF2C	KZ9DX	OZ0J	HB9VAB	AA4LR
VK4CAG	EA7DUD	NY1V	W0TM	JN7DOS	CU3AN
W9DX	I8MTQ	ON4ATW	WC2K	K0QQ	K3SX
	IK2RZP	SM0DSF	YO3IPR	K2AZ	KD4SN
225	IZ8MBW	UR4IOR		PY2RO	KD8RQE
DK5RL	K6IPV	W5THT	216	SP7ICE	LU4FW
DS4AOW	KI6CG	W8LMG	CX2CC	W0KCJ	PY2WC
DS5DNO	KW4V	XE2X	DJ3XG	WB6BFG	S54A
EU1M	N4ENE		EA2AFV		W5WP
JA0EVI		219	G4VMX	213	W6WF
JA4CZM	222	F5JSD	JH7WQX	9A1AD	W7FP
JE2EBT	AK5Q	HB9BNQ	K7LV	AG3V	W9IL
JF1MTV	DJ9SO	HL5BMX	KK4OW	DK3UA	WK8A
JH8NQV	DL5XL	IK5QPS	KR4W	HB9HIT	YB0DJ

209	CT1HHP	F5NBX	JA3EY	BA4TB	NJ3K
JH6RTO	HB9CRV	IK2RGT	JA7DPC	EA1DLU	SP6EIY
JH8UQJ	IW9DNI	IZ0BTV	JA7MAD	IT9AAI	VU2LBW
K0LB	IZ4DIW	JA0CIU	JH1FVE	IV3AVQ	W4DC
K0VM	JA4DNC	JA7JPZ	K1ZJA	JA2MNB	W5UHQ
KB2FCV	JF1IRW	JH8NBJ	KC6JAM	K6TAR	W7PAQ
KB4MRX	K8NK	K0CS	KM4VI	K8SIA	WA1NXC
N4TD	KK5OQ	K4GO	LA6OP	W4DAO	XE1R
N9XX	KK9T	K4JKB	N1IA	W4HZ	
PU1KGG	KW4CQ	K9OW	PY3VB	WQ5R	193
SM5BNK	N6ZN	K9TF	VK6LC	XE1H	7L4VYK
W6DCK	N8BJQ	KA1DJ	ZS1DX		AE4CW
W8BLA	ND3L	KK8MM		196	DH3KM
W8HMK	NW7US	KL7TC	199	CT3CD	G1VDP
WB0ULX	W7IUO	KM7R	AA3TH	DF2UA	HI3T
	WA3WZR	N2ZA	AC0X	HB9ESS	I4UUL
	WB0N	N4TV	AD4AA	I7LGM	IZ5MOQ
208	205	N6PAT	JH0RVY	I8YAV	JA0AXV
HP2NG	AC9S	N7ELL	J11WLL	JA1XRA	JA1QIW
JH0NOS	DL6UNF	SV1FKZ	JM1SZY	JA7FAS	JA3PRM
K0THN	GM0VRP	W1DYJ	K4SX	N2GZ	K3NF
K4WES	IK0WRB	W3BNN	K4VNY	N3QE	KM1C
K5RJ	IK3GBG	WA3FRP	KC2SST	NA9A	KZ1W
N7WS	JA4DHN		KI4WCQ	RC2A	LZ2ZG
NU1O	JA7JM	202	MU0GSY	SP3F	N4HN
NW6S	JA7MNF	BV1EK	N2RR	SP5MXZ	NN5E
W1FA	JO3WHB	G3SBP	PB9FN	W5AAJ	NU4B
W4WN	K4YYL	IK5BOH/2	V51YJ	W6HYI	PY8WW
W5FPT	K5VR	IT9ODQ	W6JZ	WA0WWW	SM5ELV
WA6G	K9SG	N8WD	W6UC	WB5NHL	W8NN
ZS1J	KW1DX	W1AW	W9LN		WA9DU
	N2KI	W3NS	W9RXJ	195	WB6CJT
207	N9KW	W4RDX		CT1ELF	
9K2BM	OH3OJ	W7TUS	198	JA7QQQ	192
DG5LAC	WA4MME	W7VY	AG7N	K4KEW	F6FYD
JG1JPE	W17P	WE2N	DJ0MCH	KE4S	HB9FBG
K6ZP	XE1J*		DL8DWL	KF9AF	IZ7GIT
KE1VT		201	IV3BSF	N3XM	K1JD
M0HIH	204	DL4FAP	JA6ENL	NA6MG	K6XN
M0IKW	JJ1JMZ	GI4OWA	JM1ESG	NN2D	KJ4UZU
N9AKR	KB5HC	IZ0GYP	JR1IZM	OH6NIO	KJ4YLO
OE1JIS	KM9E	K0MFI	K7PT	PP7LL	N4XYZ
ON4ANN	VU2IBI	K2CYS	KA1J	SQ7FPH	NC2Y
RD9M	W4GP	N4PYI	N3ND	UR5FEO	UR3EO
TF3DC	W7IV	PY2GG	RA3BL	VE3YXO	VA2IG
VK2CA	WA9BZW	RT5A	VK6OZ	W3SB	YB1TQL
W1MJB	WB8BZK	W1OP	W6SHY		
W4GE	XE1L	W6AEA	WA2VQV	194	191
W6KK			XE1FAS	A65BD	AA4NC
W9QO	203	200	YV5LI	EA5ZR	HA5CW
YB0MWM	7L2QAD	HB9AGO		K1LT	IT9IPQ
	DF3EC	IZ5FSA	197	KP3AH	JH1FNU
206		IZ8EKL	4X4MF	KR8T	JK1AJX
AG5W					

JP1LRT	SM4BZH	184	181	JA1ERB	175
K1RI	VA3OKG	AA4UC	EI3CTB	K1ZE	AG5CN
K8QKY	W4AEJ	AD6ZJ	IZ4AIB	K3VAR	EA6UE
N4DWK	W5SUM	EA5RU	JK1DDG	KU1T	IU8IYE
N7MQ	W6DPD	IK0HBN	KY6R	N4ST	IW1PUR
NK7C	YB4CHP	JA7FVA	N1HO	N5FEE	JE3PCP
OZ7DN		K3JM	N6VS	N6DHZ	K0KV
VK2HV	188	N8HRZ	N8AYY	OZ1HPS	K1ROA
W8UQ	EA7AN	NW7M	NN9X	W7HUY	KD4POJ
WF1H	JA0GCI	SM2EJE	NV4A	WB6AXD	KF2OG
W18R	JH7NTW	UN7BY	UA9AEU	WC0W	KF6HI
	K2AX	UT7KF	W6TK		KN7D
190	K2DC	W0PE		177	N7NG
AA4U	N2ZZ	W6BK	180	4X6UU	NS3L
AC4VM	PY2RN	WB2HJV	A61BK	IW8CGX	UA1OM
DJ9KV	WV4V	WB3BFC	AA4AK	IZ2EWR	UA9AGX
EC7B	YO2DFA	WB4YDL	AE4M	JA0LFV	
F4DSE		WB5STU	DK1NAL	JE4RAL	174
G3WW	187	YB1RUS	JH1IZR	JF1LZQ	AG4Q
G4XEE	EA5HM		K0IL	JG3KLF	DL5KUA
HL4CCM	F4WDL	183	K2SD	K2JL	HB9HVG
JA2ITK	IK8GJR	IU0ICA	K8SL	K2MK	JL6USD
JH8KFE	N6VNI	JA2KSP	N7VPN	K3OX	JR3TOE
JI2UDK	W5ZE	JA3UNA	NA5S	K8YE	K1XE
K7UT		JE4CIL	VR2XYL	KF4VTT	K5CR
K8ZT/QRP	186	K6LRN	W4DSM	SM5CBM	K9HQM
KD0AA	AF6PK	NA2U		VK2AAH	K9UQN
N3AIU	K5EWS	W2CG	179	W0IKD	N7NW
N6MXU	K5QX	W3ML	DL5MHQ	W0JW	NG9J
SM0BYD	K6EGF	WF8R	IK1ZNM	W1AO	W5JMW
W2OR	KC6X	YB2TS	JA3EEM	W4KVS	W5WI
W9ROG	KK0DX		JH1XFR	WD8KND	WA4BIM
WA8LRW	N5QS	182	JR3ADB		WA4NUF
WB4GLI	W8RV	4X6KJ	K4WZ	176	WQ5T
	WA5IPS	I5FLN	KB7AK	DL6NW	
189	WB4DNL	I8LWL	KE5TD	F4FLF	173
I0LYO	WZ4RC	JA6SQR	KJ6NZ	G4AYU	AB6CF
IV3KCB		JJ1CQA	KZ2R	JK1JAS	AI9U
JA1SGU	185	K7LAZ	N3KV	JR1FHP	DM6MA
JG1SWM	JK7LXU	K9AQ	NO0B	K5DCW	HB9DVZ
K3DFL	K0KP	KG4JSZ	SP5ELW	KK7YC	K5ZQ
K3HW	K3PP	KL0S	W0ZS	KT8D	K6UNE
K5RKS	KE5BR	KS0JD	W1HS	KW9U	K7STO
K5TN	KQ4EE	LA5LT	W4CCS	LA4JGA	K8JE
K6UXO	OZ3SM	N4MIK	W4TUN	LA7EIA	LA9VBA
KD1AB	UN7BK	N8NA	W8QXR	N1JP	N7HN
KY5I	VA7ZT	N8NB	WA6EZV	NM1G	N9DR
N2MEE	W0QC	NZ5O		OZ9XU	NC7B
N6NU	W2WG	VU3CAU	178	VE1VOX	NX2X
OH2LHE	W6RKC	W6SFK	AA8KY	W0MS	OV5O
ON6KE	WV2I	W7WZ	EA8AXT	W4LEW	SM0EUI
RM3DA		XE1YD	G4DDL	W9WO	TF3JB
RN3CT			IW0BYL	WA3GNW	W7VAS

WA7BNG	N6EM	N1ZJ	PT2ND	SM7CZL	N4MEC
WY7FD	N8VV	N4PL	RA0BA	VA2LC	N5WA
	NX4TT	N8JS	RL3BZ	VU2MSA	N8IL
172	VE1OP	N8OQ	VK3TC	W1OK	NI5F
AD0K	VE2YG	N9ATF	W2FS	W1XV	W1TO
EI1DG	W0OGH	PT2ADM	WB2WPM	W4PGM	W9FF
JA1BON	WA4USA	PY2SEX	WB9PNU	W8MIL	YO8CRU
K5TA	YO4AUL	TF3VS	WC4X	XE2YWH	ZS6RJ
LZ1XL		WA0SXV		YO3DDZ	
N3AO	169	WA5NFC	164		159
N5PA	AC0DQ		AC4BT	162	AA3AZ
N7GCO	DM3CW	166	CT3DL	4F1OZ	CT1ESO
SP5ES	JA1KXT	AL7R	DL7JRD	BH4IGO	DD0VE
W1ASB	JE1PHH	DL1SVA	EA3HDZ	DJ7JC	DK8IZ
WB8QZM	K8ZZU	GM7NZI	EI6IZ	DS3EXX	EA1P
YB4IR	K9OT	HL4XM	IZ0GVZ	EA2AGV	IK0WMJ
	KI2D	JG3KMT	K6CF	HS8KAY	JA0ED
171	N5MT	JR6GHN	K6GFJ	JR4CZM	JA4FKO
AA5N	RD3BD	K0PX	KA1API	N4BAF	JH1BHW
AD3C	SV1IZY	K7CTV	KD8MQY	NP3CW	K0IO
CT2GZE	WA6QGH	KM4HQE	KL7TS	W4NBS	K1EDG
DL5MM	WB8EKG	KN4FO	N2XQM	W8FN	K9QJ
F9CI		KR4BD	N7WI		KC4HN
IZ0CKJ	168	KW4J	NA2P	161	LA8ZAA
JA3AVO	A92IO	SV2CLJ	PT7DX	HL3ERJ	N1MD
JJ1BDX	EW1P	VA7DX	S50B	JP7FSO	N4VG
JL1GYZ	JA0PZJ	W4PGC	SP7QHR	K1BZ	NE5S
JS6QOM	JE4KCN	W6FL	W6SIY	K2OP	NF7D
K2TV	JH1ORA	W8SAX	W9CSX	K4AR	OT1A
K4NTO	JH3EQP	WA1ZIC		KM4A	VA3NXM
K4WY	K0PC	WA5NOM	163	N7QT	W1EBM
KB0V	K0RAR	WB3JFS	AA4OC	NA6XX	WD5BJT
KC5LK	K1VI	YO3AIS	AI4QQ	OK2ZDL	XE1MW
KP4DKE	K2SY	ZL3RJ	DS4NPL	SM3PHM	
N8WRL	KF0RQ	ZS6IR	EA1AZ	W5BK	158
NA6O	LU8ADX		F4CPF	W5RDW	9J2BS
ON6MX	LX1CW	165	HA5BSW	W6DOE	G4SGX
W0MU	N6MB	AG6HE	IK2ULM	W9GG	IK3DVY
WA4DOU	OE1ALW	CU3HN	JA0MRW		JJ1KXB
WA5KBH	R4FAN	EI5JL	JA4GXS	160	K4HQB
	SV1XV	HK3PJ	JR6LDE	E70T	K4SAF
170	VR2MY	HL1VAU	K0ABC	EA1WH	K8GWU
DL2JIM	WA9IVH	IK0XIH	K0CF	JA1ITJ	KB2XJ
EI5KO	WX0Z	JE4WOK	K4GN	JA1UOA	KF7NN
EI6AL		JF1KML	KE1B	JF3VEC	KJ7NO
JA1GVT	167	JR1KBJ	KO4PRE	JG2LGM	N4XMX
JG1GJH	JA8BOV	K3VPZ	KW4MM	JK1EBA	N6MM
JK1BIB	JE3FOR	KG4CUY	LA1CO	JK1NPH	N8TFD
JQ1YIW	JQ1PCX	KG5NP	N0AMI	JR1CAD	W0JMP
K6JJ	KB8NTY	LA2XPA	N4KM	K7LY	W8LIG
K7CU	KD3HN	LB7ZG	N7KDT	KC9K	WB2RAJ
LA2GH	KE3X	N2RJ	N9LEO	KM4NS	WB9B
N4VN	KH6XT	N3KS	R3IS	N0IW	WB9ZNZ

WT2P	K4WM	W8OM	150	AE0MO	WA3SKQ
157	KM2O	W8VK	DK3BK	IW5EIJ	WW8RT
7N3IJT	M0IFT	WB4SON	DK3FB	JF2AIJ	XE2B
AB2E	N1QY	152	DL9SAD	JR3PKO	YB1BML
E20YLM	NK7Z	4O3A	HB9EBM	K4TXJ	ZS6UT
EI2JD	NO9E	AC6BW	IT9ABN	K5LY	145
GM4KHE	OE1HHB	BX5AA	IZ2MHT	KA3GWD	5T5PA
JA0NZR	UT7EC	DF2WF	JA1IHD	KB8ZUN	AA5TL
JA1UBZ	W5SV	DU1KT	JA6SUY	KD4EE	AC7JM
JA3MHA	YB1AYO	G0THF	JA7GZM	LZ1MDU	AL7TC
JE3OUW	154	G4AFJ	K5HK	N0TK	DL1MEV
JG1XBM	AC8TO	IK5BSC	K9RT	NJ6K	EA4S
K0SRL	AJ8B	IZ0FUW	K9UWY	PY2CP	EA7LS
KB7QFE	DS5WQT	K2EK	KI7M	VE6TL	EI7GY
KN7Y	JA0GZZ	K4RDU	KX5U	W4AG	F1OBJ
N0SL	JA4HXF	KD2OV	N6JOJ	W4MA	F5NNN
N4MI	JA8ANQ	KE9S	N8IK	W9GM	JH1CTV
N4QM	JE6PJP	N9GKE	N9IO	W9MAK	K5FXB
N6VH	JH1AQN	ON4LG	NM4SH	147	KQ5M
N9AZZ	JM1JZN	R9JX	ON6ZV	AB9KZ	KS0M
N9MB	JR3QHQ	W2NY	SM0BSO	AI6P	N6KK
OH3PYY	JR7ILA	W6RFF	VU2NXM	F6KOP	NS4X
PY1NS	K5DXR	W7JET	W3KB	G3VQO	W3DQS
W3HKK	KC1ERO	YV4DYJ	W4NE	IS0/YO3RA	W7NP
W4DTA	N7JB	151	WL7OU	JJ0LZQ	WR7Q
156	NE5W	AD5MD	ZS1C	JK1OTP	144
EA3HPX	NH6L	AK9B	149	K3GGN	AD0TR
GM3WIL	W4CIR	DF1IR	7N2JZT	K5UZ	DL6DCD
HB9HHH	W5TMC	DL4KUG	DS4DRE	K8MRT	G4FTC
HB9MXY	W8TM	IK1UGX	ER0FEO	KB9LIE	GM0VIT
JA1CCG	WA9MAG	J68HZ	JA0JPD	SV8RX	K1TKL
JA2ODB	WN7J	JA2BUR	JN4FNZ	W3NRJ	K7QBO
JA9RT	153	JI3BFC	JS6SCC	146	K8OS
JH2AJY	HB9BEM	K1QN	K2KIB	AE5B	KB1HY
JL3DGI	JA3UOQ	K3GW	K2RET	HP3TA	N5UE
JM1LPN	JH2NWP	K4DET	K8WHA	JA3KWZ	RN0C
K2HT	JR7MAZ	K7LAY	K9EXY	JE1COB	UY2UZ
KA9OKH	K0YL	K9AAA	KM2E	K1IG	W0AIH*
N5QZ	K4OY	KE4BKL	KP4DS	K6NR	WB9W
N7RD	K8ROK	KE8G	N0STL	K8ARY	143
W1MR	K9MMS	KK4CLY	NE0U	K8POM	AA4MM
155	K9YZ	N7MB	NU4Y	KB9AIT	AF3X
5P5Q	KF9LI	NU4I	NZ0O	KM8AM	EA4D
AB4GE	KK4XL	SM0NUE	RT0F	N6FS	FM5DN
DK3QM	LA2IR	VA3EJN	TF3Y	N6RK	HB9AAA
HB9GWJ	M0MCV	VA3HP	UA9MC	N9MR*	JA1MOD
IV3TDM	N0VVV	W3HER	WA1EHK	NJ1Q	JF2RSF
JA0EBV	OH3DP	W5WLA	WF7T	SM3DXC	K2OO
K2DF	OH3FVP	W6WA	148	SP9IZV	K6LPO
K4EZY	SP5NON	WA9JWL	4F3BZ	TF4M	K9BQL
	W3DIY	WC2C	A71AM	WA2MUA	

KE4FW	140	OD5YA	HZ1GW	XE2AD	SM7DXQ
KG6D	AD9DX	PV8ABC	JA1DCK		UW7UA
KJ2U	EI6JK	TA1PB	JA3MIO	133	VU3WEW
KJ4R	EI7JZ	W0UHL	JA7MWC	7J1ABD	W3KHZ
KN7K	JG1RYQ	W4DWS	JJ1HLL	DL8OH	W4MC
LB2TG	JJ1OKK	W4EJG	JL2ULM	G4NBS	W5FL
N2YBB	K0UBR	WA5POK	K2WJ	GM1BSG	WA1HXX
N4GBK	K5GZR		K3HPA	HB0WR	WA1KXV
N4UP	K6EV	137	K3WGR	HK4EB	ZS1EL
N7ZA	K7VC	DL2RD	K4OP	JA5IBP	
TG9AJR	KC3AK	G3PSM	KC3RKW	JM1JIV	131
W4JVN	LA8PDA	HL1MKT	N7TW	K6ME	EI5GM
W4UFO	LZ2HM	JH1SBE	NX8Y	K7YMG	JH1IY
W7VS	N5JED	K2CDJ	S53MJ	KC2STA	JK8VMB
WY0V	VE3NJC	K2RKJ	W5IO	KG6WIK	K0ARM
	W5VU	K4AU	W7QHE	KI4TZ	K5SES
142	W9BS	K6IRA	WA7HR	KR4DA	K7GA
AA4DD	WB1ASL	KP4N	WB3AVD	LA9KY	KA5IAU
I4JEE	WW6G	N5RN	WB6FWS	N1BKB	KO4DKI
JA1PUK	YB3MM	N7VZ	WB9IWN	NT9F	N0AKC
J11UHZ		N9NFT	WO5I	OH4KRN	NG4DX
K2CJ	139	NI4Y		OH7HM	NN6K
K3GT	F5VML	NU1T	134	V31CQ	VE3NKS
K9UO	HB9ARK	OE3JAG	AB0RX	VU2ABS	W5EC
KA6BIM	HB9DTE	SM5CSS	AB1J	W1GY	
LA1J	HL4CBX	SP3EPG	DL4ZAB	W1ITU	130
W8WV	K0QB	TA1AL	EA6AZ	W3MF	AA4QE
	K9TRV	W2GGY	IZ8DEO	W6OUL	DL1SWN
141	KX4I	W4UEF	JA5SEY	W9SE	JA2LMY
7K3QPL	N0CKC	W9MR	JA6GXP	WB1S	JF2OHQ
9H1AE	N2SG	WA0WOF	JR0GXA	YO3GJC	JH3PRR
EA1T	N7NF	WA5YOM	JR1HYA		JL4BSE
EI3ISB	N7UJJ	WG0G	K3KY	132	K2MHE
HB9EXQ	R9MJ	WS1F	K7FL	AA4FU	KB3IFH
IZ3XEF	ZL3TE		K7RAN	AK3E	KD2NF
K2JK		136	K7YZO	AK6I	KI0HA
K4RM	138	DM5JBN	K9JDP	I8NLC	KN4JX
K5VG	AC5AA	G0OSK	K9SUH	IK8OZV	N2YF
K8RCT	DL5KUT	IS0EBO	KA9JCP	IZ0COI	N7TM
K9AAN	DL5ZB	NT5EE	KD2SC	JA9KRO	NS4F
KA5SYP	G0FWX	ON5GF	KF5WCP	K4BNF	OZ6TL
KA5VFU	JA0CVC	VE3FRR	KN4OK	KB8KIM	PU4MMZ
KE7BMG	JA1PVX	VE3MSC	LB5GI	KD3UY	W1MO
NZ6N	JA1VRY	W0ANZ	N1AH	KG8OU	W9CTJ
SV2JU	K2YSY	W4GH	N2TC	KI7HO	WB8RFB
TF5B	K6CW	W4IDX	N6XT	KK5ID	YB2IQ
VE3FAC	K9BO	W4PV	NC6RJ	M3DFW	YO8PS
W1NA	KC9G	W7KKC	PA0QRB	N3TR	
W3IZ	KF6A	W7SX	SM3WMU	N4EDT	129
W5GOL	KL7NW		W1DAR	N4QOG	AD6KQ
W6HDG	KU9S	135	W2KNG	NN3V	AE7U
WK9U	N3PV	AB4FH	W4UAT	ON6YH	DS4EJA
	N9BVA	GM5YTT	WB1DX	PY2OP	JA0AVS

JA1PLT	EA3NG	N5HC	KD9ZR	DB4RG	W7PC
JA2ACI	EA4TX	N8YQX	KK4TKJ	G0HSA	W9MB
JA3WMS	G8BCG	N9XG	KV8P	HC1HN	WA7HQD
JH1RFM	HB9TJG	VE3TMG	N0YO	JA9ALR	WB7BBQ
JM1CMA	HK6K	VK2DAG	N4LSJ	K0Hqw	WQ8T
JN1SUT	I2YPY	VR2VGM	N5VBK	K1AJ	WT3Q
K7ORK	JA0BES	W8VI	NT4K	K3DQB	WU9D
KB4KBS	JE2VYM	W9COS	W0DD	K4VAC	
KN4WOJ	JG1LRE	XE3E	W2FDM	K9KJ	120
N8BK	JG5DHX		W6ELI	KB4ET	AA2T
N9AVC	JH1HRJ	125	W6ND	KN9N	AC4TO
PY3OG	J11MNT	AC4XO	W8PAT	N1ZZ	AE5LK
SM2YIP	JR1LZK	EI8GS	WW5L	N4GRC	AI2S
VK5CE	K2GW	G4EHT	ZL3REX	N9ATD	CT7ABD
W7TG	K7LFY	IK8PGE		UT9LC	CU2CE
XE1ILI	KF3N	IZ8EYN	123	W1ES	DS3DNT
	KS8W	JH8FIH	AB9BH	W1HEO	DS5QLJ
128	LA2LI	JP1GVC	AE5FM	W1KKG	F5AQB
A71XX	N0AB	K5NOF	AI5EG	W5HNK	IK8IPL
EA1AHA	N0DL	K9ARZ	DJ6OZ	W6HB	IT9JPS
EI3IO	N1BZ	KK5J	DS4DBF	XE2MX	JA1DCO
F4GTB	N3GTG	NA7RH	G6NHU		JH5OTE
HL2DBP	NA1RL	NN6CH	IK0XKP	121	JJ1XVA
JA6NQT	ON5EQ	SM5AFU	IZ8LMA	AB4BJ	K9CHP
JH1AWJ	VE3EDY	TF3MH	JA1GLE	AK0A	KG4OJT
K6OJ	VU2TMP	W0XE	JA2HOL	DL7UGO	KJ6Y
K7PTC	W0MF	W4AO	JH1RVQ	HA2EQD	KK7BR
K9YKL	W3KN	W5CWQ	JL3RNZ	IK6BMU	LU3XX
KC2WUF	W4BH	W6PG	K2JGL	IZ0FYW	N1TQP
KD5R	WA2BOT	W7FI	KC2THY	JA1CPN	N3DV
KG2U	WB2KSP	WA1LAD	KD0KZE	JA1EYN	N3GS
N0JR	WB9TFH	WA4TMJ	KO8SCA	JA1WTO	N4UFP
N5EI		WM4AA	LA2XNA	JE2DOD	NR2D
NR0Q	126	WR2G	LX2SM	J15WDC	PP2FN
R3BB	CU7AJ		N5JEY	K1LTJ	VE3QAA
UR9IDX	DS3EXT	124	N6DVR	K3CWF	VR2ZXP
W0QD	EI4HH	AA5H	N9RE	K9MQ	VU3RGB
W5MF	IK4TVP	AF8C	OH3TY	KK4ODQ	W1RG
W6IS	IU8GNY	DJ3EJ	PY2ADR	KU2A	W5RYA
W8BI	IW7EDZ	EC4KW	SV7CUD	N3ER	W6GJB
W9EBO	JA5CDL	EI8IQ	VE3VHH	N5ZY	WT5L
W9TO	JA5XPD	G4RGK	W2WGK	NA2R	YB0AZ
WA4UWD	JH4GXE	IT9YOZ	W4UT	NA4MM	
WC4V	K2GLS	IZ1UKF	WB8TGY	NY4G	119
WP4CQ	K5KDX	IZ5BYJ	WU7X	OZ6EI	DL2VWR
WQ1H	K7PO	J11DMH	WX3P	TA1L	F5BAR
ZS6AKU	K8GT	K0MD	YB9WZJ	UA0FDX	HL2MHU
	K9QA	K3SUI	ZS6NK	W2ARP	JA6JYM
127	KC5RR	K6VVK		W3/NH7C	K7LOL
7Z1HL	KC9WPS	K7HC	122	W3JXP	K8EB
AG4TO	KK4CB	KB8DID	AA0BH	W4CC	LU9DO
DJ5DT	KM4CQG	KC2NJ	AA5B	W4KCM	N1GNB
DL9GTB	KS4WA	KC4AA	AB5YI	W5UQ	N8LCU

ON8PHD	N8AGU	KG4URP	F8GB	K9KDS	EA1BLA
SV1BYI	VE7NY	KV7N	G0UII	KH6P	EI9HX
SV2KF	W3LWH	MM1PTT	G4NAQ	KY6AA	G4VWI
VK7AP	W4ARK	N0TR	G4YCS	N0OK	G6MXL
W1ZK	W4PG	N7PIB	HB9GZE	N2SO	HB9BEP
W3MRL	WB9WHQ	NE1RD	JA2CPD	N8AID	HG6IA
W6ZPL	YO6HOY	NG0G	JA4CSJ	NQ4A	IZ1EPM
W8EOG		NW6V	JF1AZQ	NZ7Q	JF3KOA
ZL2AO	116	OE5MPL	JH1GNU	S51DV	JH1FRW
	6K2ILX	SP5BMU	K1JKR	W1USN	JR2PAU
118	AA0FT	W0LGQ	K2KNB	W3WN	JR4DHK
6K5AQY	EA5GXI	W3UNX	K4JDJ	W4LLP	K3MSB
AC9GK	EI4BZ	W4OV	K4JLD	W5GCX	K4KAL
AE1T	G8GHD	W5WS	K4TR	WB2UFF	K4RP
AJ6X	IZ2CSX	WB4MM	K5WRE	WD8LTM	K6DJ
DJ9KM	JA2KPW	WJ5K	K7BWC	WF4W	K6SLO
IZ0RPS	JT1CO	WS4H	K7MO	WJ1B	K9TVG
IZ1JIZ	K4LCP		K9DUR	WN1M	KF8PD
JA6CMQ	K8JRK	114	KA5OWI	ZL3PAH	KV3W
JH3LCU	K8MN	F6FHZ	KB1OIQ		N1TQ
K9KJS	K9GWH	G3CWW	KB2TGU	111	N3YZ
KA5JSM	KC1RET	HC1HC	KC0V	AD7XG	OE6BME
KA9JAC	KD5RBU	I0BJV	LU3JVO	AK4N	TF8GX
KB3KJ	N0ATQ	JA1CCH	M0NGN	EI9CN	W1ZZ
KD9BIE	N0UCR	JA1CPU	N6DW	F8DZY	W5JE
KG5VK	N1GFV	JA8EIA	NA9L	G4ZWY	W6TCP
KX6C	N2ZL	JG4OOU	S52R	HB9ECS	W7YED
LZ1XZ	N4KEB	JM3XZC	SV2DSJ	JA4DLF	W8PE
N3HYB	OE6CLD	K1RE	VA3AYA	JA5EEU	W8TE
N8KUS	RW6MBC	K2IRM	VK7ZE	JE1TNL	W9GFB
VR2CC	SM1NJC	K3PL	W1FC	K2KYH	YB1SKR
W4AFB	VR2IL	KB1W	W3JM	K5NV*	YO5QAW
WA7ZXD	VY2RU	KI8AE	W6BBS	K8ZEE	ZS5LEE
WA8RCK	W1HQ	N3DD	W7CD	K9JIG	
WB5TOI	W7WES	NA1DX	WB9YJE	KI2Y	109
ZS2I	W9LU	NG8T		KM5VI	AA4RX
	WA4VJK	NK5K	112	N4NYY	AC8AZ
117	WW5RC	W0QKL	3C3CA	NT5O	AF3K
AD7L		W2ZK	7Z1CQ	PT7CB	DL9QJ
CE3FZ	115	W8LR	G0DTX	TA1UT	F5DBT
F8EZE	AA9WO	WD0AJG	G3YFE	TA2RC	F8DHE
IS0BZR	AF7WM	WN0L	GM0SCA	TA7AZC	G0MMI
IZ7QFN	E74A	WT9U	IK4EWN	W7WT	JA5GOJ
JA9KA	HB9MZI	XE1EE	IS0BQE	WB8PKK	JA9IWR
JM3GXU	HL4RBR	YB2BNN	JA4RED	WU4B	JH4GNE
K0FF	IW2FLB	ZS4JAN	JA8WGX	XE1ZTW	J11ZS
K4AEH	JA0NPQ		JF3AHI		K0FD
K9LCR	JH8LEY	113	JH0LME	110	K4AEN
KB2S	JJ2VLY	AB1NS	K0XM	AC0B	K6JAD
KB5CSQ	K5TU	DL2DCX	K4HEB	AG5Z	KA4AHU
KO4PY	K8CR	EA5DPL	K4ZMV	AJ6V	KB7DT
KP4ED	KB4CRT	EI2FG	K4ZRJ	CT7ANG	M0AQM
KZ1X	KB7V	F5EOT	K8CJY	DK4MX	N4LS

N4WD	N7TP	106	AP2IA	FM5FJ	K0OOK
N6RVI	TF1A	AB6WQ	DL9GTK	G0DRM	K1FBI
NN8L	VE7VV	AC7DX	E29TGW	GW0ANA	K2RNY
NW6R	W4DVG	AC8IL	EI6GF	HA5DI	K3PIN
NX1P	W6CN	DS2GOO	F5VIF	HB9BMY	K3TXW
NZ3M	W7SMW	DS5MNO	G3LOJ	JA1CC	K4NI
PF7M	WB5ZAM	EA3AGY	HL4GHT	JA1DHY	K4PWS
PV8DX	WC4B	EW4DX	JA1JYS	JA1RBY	K4SAW
SP7ASZ		F6JSZ	JA1SZN	JH1MYJ	K6XJ
T88UW	107	G0OJG	JE6UWU	J14HKA	K7HV
W3ATV	AB7RW	G0RPM	JJ2BLV	JQ2MPJ	K9WMS
W3GP	BG8PA	G3LPS	JK1AIA	K0BRO	KA7CVJ
W4JDS	DJ5FZ	G4FVZ	JK1AKA	K1TWF	KP4DDY
W5SG	DK2GP	HI7SB	K0MB	K2CQW	KQ6K
W7CB	DS4OMS	IZ4IRO	K1EO	K4WW	M0UPL
W7VP	E73D	JA3AOP	K1ETA	K5JUC	N1MIE
W9JJ	EA2BFM	JA3FRI	K5WE	K7UW	NB3R
WA6URY	EI5GSB	JF7NNI	K6GCN	K8WVA	NI5G
	IC8XIL	JJ1IRS	K7CMZ	KE4YOG	RX3BP
108	JA3MAT	K6VWE	K8FB	N1FOJ	VE7XT
7M4CLF	JE1CTA	KA9TOX	KJ8N	N3PW	W2SUB
AC8MR	K0FJ	KI0KN	KK4MA	N4PAJ	W4CU
AC9DX	K2FJ	KI4NSP	KR0P	N4ZR	W5IP
DB9CR	K2ZD	KM8V	KZ4EX	N8TEM	W7KHZ
DL1TPY	K3GO	KR4U	LA9JKA	N8WXQ	W7UV
DL2AMD	K4LQ	KT5V	LZ1JZ	NA8W	W8EH
DL2NAI	K6DLB	M0PCB	N2YU	OM6CI	WA8KNE
DM5TI	K7UWR	N4DJT	N9APK	OZ9U	WC9C
DU1IVT	KA4LBD	N6UOZ	N9IXD	PY2YW	YB1ALL
E70X	KB0EL	N7MW	NC1M	RV4LC	ZL1IM
EA5XV	KF2G	N8OYY	NC7M	VE3ZN	
G5CL	KF6XA	N9ZJ	NK7L	VK3MB	102
IK1RKN	KJ4FZ	NG4C	OH6IH	W0VU	4X1VF
JA2DCN	LU5OM	NI7F	PV8RR	W9GXR	5H8HZ
JA2KGQ	N0MHL	NS7K	VU2DED	WB4HMA	5W1SA
JH1OVY	N1UZ	PT2DF	W1PY	WB7QXU	AC0XY
JR4NUN	NI8Z	PY2OC	WB8LEM	WF8Z	DB2WD
K1FUG	OV2B	UA0ABB	WD4OHD	WX0B	DL4FDM
K3XO	PP5VA	VE3BHZ	WF5I	YB1BUL	IC8SQS
K4GHS	RM6LW	VE3XK	WK3A	YO6HSU	IZ7QSS
K8LBT	SV3EXP	VU2MB	WZ9B	ZS6HON	JH1IHG
KC8YG	TA1CQ	W0TLX	YU1LD		K1MDA
KE3ZT	UX5XK	W4/KL7GLL	YV4EH	103	K2DH
KE7AUB	V31MD	W6KF		AF8P	K2DW
KI4SFT	W5HY	W7GB	104	DS5JMG	K4HR
KJ2AM	W8JA	WA3IIA	7N4OBV	EA2RY	K6BLG
KJ4SKO	WB2BXO	WA8Y	AA2WC	EI9GLB	K6JAV
KO4XI	WB2MKX	WV4E	AA6XV	FM4LV	KA8HDE
KW1X	WC2L	ZL3RIK	CT3DZ	HB0RER	KB1AWM
LU2AH	WM4W		EA4EJP	JA7HYE	KO3F
N2IFA	WS7I	105	EI3HA	JF1KIG	N2CJN
N5FPW	WU1U	AA2F	EI4GNB	J11FXS	N2FY
N5TW	ZP6CW	AI1W	F6ARS	JP1KHY	N4IR

N8KOJ	KC3OPI	DC1TK	KF5MDZ	W9ZT
NA4D	KC4ZA	DK1MCS	KF5TL	WA2ALY
NN5O	KD2RUY	DK7GH	KF9EX	WA2VJL
R9GM	KE9UA	DL3ANK	KG4IYS	WA3UTC
S51MA	KJ5RC	DL5JH	KI0G	WA3YZD
SM0XG	KU4A	DS4GQR	KI3O	WB0RXQ
US8ZAL	LA3ANA	EA5PS	KI4PG	WB2ZEX
VK2GR	M0PTZ	EI2HZB	KK6MF	WB6RAB
W1GF	M5LRO	EI4DQ	KL2R	WB6RJH
W1MRH	N3CAL	EI4GJB	KL7XO	WD1M
W4GHW	N4PF	EW4A	KR4Q	WD4GZW
W7FS	NC8I	F5JWH	LA4EI	WI0E
W7HJ	NJ2X	G0GFC	M1EMC	WK7W
W7IMU	NZ1I	G4PUQ	N0JX	WM4D
W9GWP	OZ5JQ	G8GFF	N0KM	WM9Q
WB4PWZ	PA3AIN	G8GNI	N0VTZ	WU1T
WB7QBS	R2ARR	GW0KRL	N1KI	YB6LAY
WD6T	RZ6MJ	IK7NXU	N3NVA	YE1AR
WD9IOK	SV2BXA	JA7PKV	N4GOA	ZS6CR
WN9A	SV4FFL	JE7KCI	N5CR	
XE1SAX	TG9AKH	JG0HEW	N5LJL	
YB0EIN	UA4PK	JG3LDD	N5LKE	
YB9AY	VA2GA	JG5VFK	N7WFK	
YO6BHN	VK4BUI	JN1RFY	N7WR	
ZS2ACP	VU2OT	JR4VEV	N8HM	
	W0ZX	K1HC	N8URE	
101	W2FDJ	K1JX	N9MKC	
AA9D	W2GHD	K1PTF	ND0B	
AB2NI	W2PD	K2UF	NE3K	
AB4EJ	W3RMS	K2UT	NX6D	
AB8YZ	W3SW	K3NO	OM2AGN	
C31MF	W4PM	K3QB	OR4K	
DD8BA	W6OU	K3RRR	OZ1GCT	
DD9WG	WB5KSD	K3WSU	OZ9GA	
DL3XAC	WD4IXD	K4GM	PV8AJ	
EA4UV	WM5H	K4KYN	PY5VC	
EA8TZ	WU6K	K4QS	R2AB	
G3VDB	WX7B	K5LLA	UR8IDX	
G4GEE	YB8HZ	K5MMH	VA2EU	
HB9PUE	YO2OXD	K5PSN	VE1JF	
IK2HLM		K5VSD	VE3KKB	
JA1KZP	100	K5YE	VR2PX	
JA1QEY	2E0XAR	K7VL	VU2OY	
JA5ALE	9M8DEN	K9EA	W0PPA	
JA5JUG	A41ZZ	KA1CTL	W0RMS	
JK3NSD	A71EM	KA2F	W2MW	
K0GEO	AA7UN	KA4H	W4CG	
K3AXB	AC0DH	KB6IGK	W4DFU	
K3LA	AD4J	KC5N	W4YR	
K5HX	AE4VJ	KD1DT	W5PD	
K8PGJ	AK1P	KE1IU	W5YKU	
K9GL	AK4AO	KE8NOA	W6OZI	
KB5YN	DB6VH	KE9V	W9KM	