

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 08 Apr 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	342	338	JH4UYB	I4AVG	EY8MM
K2TQC	JR2KDN	G4BWP	K8SIX	JA1HGY	IK8HJC
SP5EWY	K4DY	I4LCK	N0XA	JA2KVD	JG3QZN
	K5UR	JA3FYC	N5UR	JR3IIR	K4MWB
347	KF2O	K9NU	OE3GCU	K3UA	LA5IIA
K4CIA	N6AR	PY4OY	OE6IMD	K6YRA	LZ2DF
K8MFO		SM3NRY	OK3GU	N4AH	PY5HOT
N4WW	341	W1DIG	R7LV	PY2BW	SP3E
W1JR	4X4DK	W7UT	SP3EPK	PY2SP	UT5UGR
W4DR	DJ6RX		SP8AJK	SM5CEU	W4DKS
	DJ9KG	337	W0MHK	SM6CVX	W5OZI
346	G3KMA	AA6YQ	WD5COV	W9RPM	W8UVZ
N1DG	JH4IFF	DL4MCF	WK3N	WB9Z	WB6RSE
SM3EVR	N2TK	K1ST			
W9ZR	N4CC	W0BV	334	332	330
	NN4T	W2LO	AA1QD	AA7A	AA1ON
345	OH2BU	W2YC	DJ9ZB	DF3GY	DJ2YA
HA0DU	OZ3PZ	W3LPL	EA4KD	DF4PL	DL1AMQ
JA2VPO	PA3FQA	W9IXX	EA6SX	EA5RM	EI7BA
OH1XX	SM3GSK		F6EXV	F6DAY	F6BKI
	VE3EJ	336	G3XTT	GM3YTS	HB9AMO
344		JA1WPX	JA0EOK	HB9BGV	I4MKN
K4PI	340	JA2JPA	JA2FBY	HB9BZA	IK4BHO
OZ1BTE	AA1V	K2FF	JQ3DUE	IK4DRY	IK6DLK
OZ1LO	EA8AK	K4HGX	K4XO	IK5HHA	JA1ADN
PY2XB	JA4DND	K5RK	K4XP	JA0UUA	JA3EMU
SM0AJU	K4UTE	N3XX	N4XM	JA4DLP	K3WC
VE1YX	N0AT	N5ZM	N8DJX	JL1UXH	K4CN
W3YX	SP5CJQ	PE5T	SM5AQD	K0IEA	K4ZYU
		VE3XN	SP2FAX	K1OA	K9CT
343	339		UA6A	N2LT	KD5M
DF3CB	CT1EEB	335	W1YY	NJ6P	N4JF
K3FN	IK1GPG	AG9S	W4PK	UA4HBW	N8JV
K4MQG	JA1UQP	G0JHC		UT7QF	N9IW
N4MM	JA5EXW	JA1BK	333	W5BPT	NR1R
VA3DX	N4CH	JA4LKB	DJ8NK	W5ZN	OK1MP*
W3UR	N8DX	JA5AQC	F6AOJ		RA3CQ
		JA5AUC	G4OBK	331	VE3FF
		JA5MHD	HA5WA	DJ9HX	YO5BRZ

YU1FW	JI8DGO	324	K7NN	W3KX	N4QS
	KW9A	DK9KX	KA9CFD	W6XA	OE1WEU
329	N6JV	DL5DSM	KU0A	WP4U	SP1MGM
GM3POI	PY2YP	G0DQS	N4DW	YV1DIG	UX1UA
IT9DAA	RZ3AM	G4CCZ	N4NX		W6VX
IV3JVJ	SM2GCQ	I0WDX	OH1LEU	319	WX4G
JA2JW	SM5CZQ	IK5PWQ	ON4CD	AA4V	
JA7KY	SP6M	JA2BDR	PA3EWP	DJ4AX	316
JA7MSQ	SP9DWT	JA2DPC	R7DX	DK1FW	DL5WW
JE2URF	SV1RK	JH0INP	SM5KNV	EA8AKN	G0OIL
JH1GZE		JR3GWZ	UA4CC	IK4DRR	IK2QPR
K0EU	326	JR3OEH	VE1DX	JH1RFR	JA8EAT
K1HTV	EA5BY	K5KC	W5CIA	JI1DHY	K3WA
N5AW	JA9APS	N1NK	W5TCX	JR7VHZ	K4EM
NI0G	JF1WPB	N8BM	WI8A	K5MC	K4HB
NO8D	K5EK	NK1K		K6AM	K8YTO
OZ1CTK	K8PT	OE8HIK	321	N4DB	K9MM
R4GM	LU2NI	R3OK	AD1C	ON4AOI	KG8P
SP6CIK	N7RT	VE2TZT	G3TXF	UA3AP	KQ8M
SP7GAQ	OZ1AXG	W3LL	HB9BIN	W5WT	N5DG
SP8NR	SP5DIR	W9OL	IK2YCW		RV3LO
W0DJC	W8DCH	WB4TDH	JA0GJJ	318	SP1JRF
W5XX	YO9HP		JA1XEC	A45XR	UA3DPM
WA1JMP		323	JA3AZD	AA4HP	W1GL
	325	AD5A	JH1IFS	AA8CH	W7MO
328	EU7A	EA3GP	JH3CUL	DL6KR	W9ILY
AA5AU	HB9DHK	GM0GAV	JH3VNC	G4PWA	WA2VYA
DL7MAE	I5NPH	JF1KKV	JH4ADV	HB0CC	YB5QZ
IZ5EKV	IZ0AEG	JH2FXK	K2VV	JA2JNA	YO7LCB
JA1SJV	JA2FJP	JJ3PRT	K6FG	JH4JNG	
JA6BZI	JA5WIZ	K9IR	KV7K	K2TE	315
JI4POR	JE1SYN	K9YY	LA7HJA	K4IQJ	9H1SP
K4QL	JF1PUW	KF0QR	N4PQX	K5BG	AB3CV
PY5EG	JF3KON	N5TY	N5XZ	K5DU	AB6QM
RU3FM	JF7XKY	N8RR	OE6MDF	KX4R	DJ5FI
SL0ZG	JH8RZJ	NY0V	OE8RT	LA2PA	G3VKW
W1ECT	JS2LHI	OH2BLD	SM6DHU	PY5EW	HK3W
W2IRT	K0DEQ	SM4DHF	SV1FJA	R3VA	JA1ANR
W4UM	K9EU	UA3AB	UT7UJ	RA7A	JA8RJE
W5FKX	N3NT	W3NO	W4FC	RW3RN	JA9CWJ
	OE2LCM	W7AO	W8GC	VE3LYC	JN3SAC
327	ON4IQ	W8OI		YO3APJ	JR2BJE
AB4IQ	R5AJ		320		K1BD
CT1APE	SM4EMO	322	DF2RG	317	K8NVR
CT1IUA	SM6CCO	CT1BH	DM5EE	AB9V	N5OK
DK5WL	SM6CMU	EA2IA	FK8CP	DK2NG	NE1B
DL2OE	SP1S	F5PAC	I2EOW	HB9HFN	OE3EVA
EA1YO	SV8CS	IK4GME	JA3PIS	JA2IVK	ON4IZ
EA5BM	W1RM	IK8YTA	K1LD	JO7WXN	PY2NQ
I4EWH	W6RLL	JA4FKX	N4II	K2RW	SM3VAC
JE2LUN	W9OP	JJ2LPV	SP7VC	K6YUI	
JH1TWT		JR2LJO	UY5ZZ	KE9L	314
JI2KXK		K2UO	VE3EXY	N2BJ	AC4G

CT1DKS	JA1XCZ	K1AR	NI6T	N9RS	JE1LFX
CT4NH	JA7QVI	K8QM	SP9JZU	UY5AA	JG8FWH
DL6CNG	JH1AGU	K9ZO	W7OM	W7DO	JK1GOK
EA6VQ	JH1QAX	NN4SS	WA5VGI	WE9R	K4SE
G3NDC	JR1BAS	NU8Z		ZL3JT	PY7DJ
HA1RB	K1HT	R9TO	306		RN3QN
I28FFA	LA7JO	RU3DX	DL1KUR	303	SV2AEL
JA2AH	N1IBM	RX3AGD	DL5EBE	E72U	US5WE
JA2ZL	N5ORT	SM2OAN	HB9DDZ	EA3GHZ	WB5JID
JR4OZR	RU3QR	UA4LY	IK4PLW	G3LZQ	
JR9LKE	SV1CNS	W2JU	K0KVR	HB9TKS	300
K2LS	W7CT		K5WAF	HL3IUA	9K2OD
K5AQ	W8HW	308	N4TL	HL4CJG	AC0A
KB0EO	W9RN	DL2CHN	OE5RLM	IK2RPE	DL1TRK
KC9ARR	WB8BPU	HK4SAN	R8TX	IK4ADE	EA1AF
LA7AFA		IU7QBB	R9FM	K7WP	EI2GLB
MD0CCE	311	IZ2AMW	UN7JX	K7ZA	IZ5RVG
OE1AZS	IK0PEA	JA1IZZ	W5ADD	K9MK	JA1SVP
OE1ZL	JA2XYO	JA7IC		K9US	JA9AA
SM4DDE	JA4MRL	JA9TWN	305	KB1JZU	K3XA
SV1DPI	JA5XAE	JG4AKL	DJ4XA	RL3FA	K8GG
SV1JG	JR6FC	JH1SJN	JA1IOA	RW4NN	K8TL
UA6MF	KM4H	JL1RUC	JA1VSL	SM6CUK	K8VFV
UT9FJ	OZ4O	K0GY	JA7BWT	SP2BMX	MM0EAX
UX0FF	PY2XU	K2UU	JA9GPG	SP3IBS	PA3CSR
YU3AA	SV2DGH	K8OM	JE6TSP	SP7HOV	UR5EDX
		UR0MC	KN5O	JH7RXU	SP7ITB
313	WB9CIF	KS1J	JR2UBS	W1SKU	W5VY
5B4MF	WD0DAN	OE3SGU	K0JUH	WT8C	W6TC
AA5AT		R7NW	KD3CQ		W9AJ
CT1GFK	310	VA5DX	KG4W	302	
EA7TV	JA0CRI	VU2NKS	N9AU*	DJ5JH	299
I3BUI	JF8QNF	W2QO	NQ1K	EA1N	CT1FMX
JA1GRM	K4SO	W6ENZ	PA5TT	F5CQ	DM2DXA
JA5IU	K5XI	W9MU	RA9CMO	HB9DDO	EW2A
JA6VQA	K6RO	WA8WV	SM3NXS	HL2IFR	G3SVD
JA7JWF	K8AC	YS1RR	UT2UB	I1EIS	HB9RG
JF2UPM	K8FL		W1YM	IW1ARB	IK5RUN
JG3LGD	LA9AJA	307	W5AJ	JK1EXO	IZ4MJP
JH1NYM	NS6C	A65BR	W5XC	KI0KB	JE1DXC
JR1BLX	RA0FF	DK2JX	YB1UUN	R5DT	K6SIK
JS3CTQ	RL9F	F2JD		RK4FD	LA3WAA
K6KLY	SP6HEQ	G0BLB	304	W0VX	N9FN
LB8DC	W0YG	HB9SLO	DJ9ON	W4QN	UA9FAR
N8KOL	W4BP	I5HOR	DK5AD	WD4LBR	UN6T
NN4R	WB0TEV	JA2WYN	HB9CEX		VE3BW
SP3CGK	WD9DZV	JA2XW	JA2NDQ	301	
WA7NB	ZS1LS	JA3GN	JA2VQF	AE5E	298
ZS6EZ		JA6WJL	JE2LPC	CU2AP	5B4AHJ
	309	JJ3HGJ	K8GI	F4BKV	DL7BA
312	AA5AM	K2SHZ	KC7V	IZ1LBG	G5LP
F3SG	JA1EOD	K3RA	N7US	JA0DIN	HB9BOI
JA1SYY	K0KX	K9RX	N8TR	JA1LSP	HP2AT

IW0HQE	JA1JAT	G8DX	W2LK	LA3MHA	GM3YOR
JA1WSK	JG0CQK	HB9BAT	WA9PIE	R9SA	IK8VRH
JA4ITW	JM1FHL	IZ3ETU	WB9EEE	SM5ARL	JA0DET
JA5BEN	JN1RQV	IZ8VYU	XE2CQ	W1VT	JA8CJY
JL2JVX	K5VIP	K5DHY		W4YCH	JG3SKK
JR7WFC	K5ZK	K7ZD	289	W8AV	JH3SIF
K2PK	N7TY	LU4FPZ	4Z4DX	WA6F	JN1BMX
K8EUR	RM0F	N8II	AJ6T		N4LR
ND0N	SM5FUG	R6AF	AJ9C	286	OE2GEN
PY2VA	SP8HKT	SP5IWA	DL9TJ	AA8R	SM0CCM
ZL1BYZ	SV1GYG	W4VIC	EA6ET	AB5A	SM6CTQ
	VU2PTT	W6SR	JA3EOP	CT3HF	W2AY
297	W2GG		JA8EJO	DL2VPO	W4FQT
DL4CF	W5LT	291	JA9FAI	DS1JFY	W5ODD
E73Y	W6XK	G0EHO	JA9FPI	HB9RYZ	W8BBQ
HB9CQK		IK0HFO	JA9IFF	HL3GOB	
JA3RQ	294	IT9CVO	JG1WSC	IK0AGU	283
JE7JDL	AI9L	JA1FQI	JH4GJR	IK0XBX	DF2GH
JE8CLT	CT1FCX	JA3ENN	K4XD	IZ8XQC	JA1RTX
K4MS	EA6NB	JH1BAM	KK0M	JA2FGL	JE3ENP
K6ND	HA9PP	K0BBC	N2NL	JF2WGN	JG3FEA
K8WK	JA5SUD	K0TPP	R0FA	K1GG	JL1XMN
K9SM	JE1GWO	K3PA	RA1QD	K1LPS	K3WW
KG7H	JJ1DWT	KP2A	VE3EK	K1RO	K9NW
KT1J	JR1DUP	LA5HE	W9YSX	K5PS	KJ6P
W6YI	K7ZV	N2TN		LU8EKC	OE8SPW
	KZ4V	N7IR	288	N8SNM	W1LW
296	N0KV	N7RO	IZ0RVI	UR5WA	W6BJH
AA8OY	OE5BWN	VE3CFK	JA2JRG	VE1JBC	W8TN
CT1DOF	RU6L	W7BEM	N6UK	W3GQ	
EV1R	SV3DCX	W9FR	NA5C	W6PJ	282
GM0AXY	W3JX	ZL4TT	ON6AA	W8AXI	K1DT
JA7LGE		ZS2DL	PY2KP		K1USA
K6FW	293		S57AT	285	K5UO
K8VC	DL1HRN	290	UA3AGW	4X6ZK	K8ROX
KB8VAO	DL1SMA	AA4A	W1YIF	CU2DX	LZ2JE
LA8PT	EA3WD	EC3A	W2LE	DL2SWN	OH4UI
N0RB	IV3YYK	I4KDJ	W2NO	EA3GHQ	PC3T
RA3QK	JA2CXF	JA1KQX	ZS2EZ	HL2WA	RD3AW
SM6BZV	K4JAF	JA1QXC		IZ8DFO	SM4CTI
SV9COL	KD0Q	JE2DZC	287	JA2VMU	UA0BA
UA6YW	N2LM	JE2EHP	9M6YBG	K1DG	W4OX
W3RJW	N4RWG	JK1TCV	AA8LL	K6GXO	W7AL
W9JA	PY2IQ	K3FRK	IV3GOW	K6PJ	
WA3AFS	S55DX	LA2QM	IW1QN	LA8HGA	281
YO2RR	WA4FFW	LA5LJA	IZ8FWN	N8LJ	AD5Q
	YO2CMI	LU3CQ	JA1XPQ	OE1WHC	BA4RF
295		PP1CZ	JA2ATE	PE1L	EA5OX
AA4R	292	SK3PY	JE2OVG	WK7E	F3AT
AD6W	DL5CW	SV3AQR	K0AZ		I1FQH
DL1DUO	E72A	UN7LZ	K3UL	284	IZ8FDH
IW0SAF	EA5AT	UN7TW	K5RT	DL6JZ	JA2IYJ
JA1BPA	G4GIR	W1EQ	KD0PO	EI9FBB	K0GD

N2WB	SM4AZQ	274	W3AP	268	G3WPH
N5GH	VE3CRG	CT1FPQ	WA1S	7M4AOE	JA4FM
OZ1IKY	W8MHW	EW1KP	ZS1A	HB9BUN	K2CBI
SM5ENX	WF2S	IW0HOU		JA1NWD	N3VA
W0LS		JA8ZO	271	JH4HMG	N5KM
W7ZJ	277	JH1IAQ	4X1RU	K2KA	N9JV
W8KEN	EU1KY	K3PT	HL4GAV	K6IPM	NU1B
WN6W	F5UJK	K6UM	IK2DZN	KD4W	NV9L
XE1KK	JA8DNV	KA8SYV	IZ8EJB	LA0FA	W6RS
	JA8EOT	KA8ZPE	JH1OCC	N2AJ	WA0RVK
280	JH3KAI	KS3F	JM1HJG	N5JB	
GM3PPE	K2AJY	N4HB	K3PU	SM6BGG	264
HA5VZ	K8UT	RA5BM	KB1EFS	W2FV	4Z1UF
IZ3ENH	N5LZ	SV9AHZ	LB2TB	W9HBH	EA1KP
JA6TMU	UW2ZM	UA3ECJ	NN4X	WA0MHJ	F6DBX
JA9NLE	W1KSZ		OZ4VW	WA1YTW	HB9DHG
JF1NZW	W2PP	273	UA3TT	XE1MEX	IZ0NRG
JH1BNC	W3BW	AB4SF	W1MK		JA1IAZ
JH1HHC	W8RLS	CT1BWU	W7MEM	267	JA7HRM
JH4ALY	W9MJ	DH2PC		AA4FL	JR4LNG
JR6LLN	WA3C	JA1KPH	270	HB9IQB	K1CA
JR7FRW	WT4Q	JA2TBS	7K1PTT	IV3VBM	N1GC
K4WNW		JA6BEE	BA4MY	JA2QXP	PA7TWO
PY2DS	276	JH3GCN	CT1EAV	JA7BEW	SV1CQN
SM5CZK	AA6AA	N4IG	CT3MD	JA8UIV	VE6AX
UT7UV	DK3WW	NA5DX	DK8MCT	JH3FHQ	W5PF
VK3HJ	HB9LCW	NK0S	EA1KY	JI3CJP	
W8LGJ	HK1MW	OZ1ACB	EI6FR	JJ1TKN	263
ZS4TX	IZ5BAM	RW7M	F9XL	K6BV	DK4TP
	JA2XCR	W4HG	JM2RUV	KI5BLU	EA3CJ
279	JA7FWR	W8QZA/QRP	K0BJ	SM5BMB	EA4DL
JA0PE	JA7LMZ		K7UA	WB2BIN	HA7UW
JE8TGI	LA9VFA	272	K9JF		IZ4DPV
JF2XGF	N5MOA	AF9H	K9MBQ	266	JA7XBG
JH7BKN	ON4CAS	F5PBM	N4JQQ	EI8IU	JR8AMF
JO4CFV	RX4HZ	I5OYY	N4QQ	JA3BXF	K1KO
KF2DT	SM5CLE	IK5PWN	PU2POP	JA6GPR	K8FH
KQ4AV	W1YRC	JF1LMB	VE6LB	K4RG	KN6KI
N6TA	W1ZT	JH0BQX	W8HC	K5VWW	N1RR
OH1ZK	W2OIB	JH1OBS	WL7E	K8AJS	N7BT
VE3DZ	W4MAY	K1UU		N6PSE	NF1G
W1OPD	W5GO	K7EG	269	N6RV	WA4LOX
W4UCK		K8BL	IK7FPV	PZ5RA	ZS6NJ
WO7R	275	KA1ERL	IK8EPC	RA4CA	
	JA3XNH	KI4GE	JA1OVF	SV1HEP	262
278	JG1OGM	N2DPF	JA1VLK	W0FLS	CU3EJ
9A4T	N2JJ	N9RD	JP1NWZ	W7YAQ	I5REA
EA8RR	N7KA	ND4X	K0KT	W8MET	JA8BAR
EI9JF	N8PW	OE5FIN	N4UOZ	WB2GAI	K8AV
F2NH	OH1JP	PA0ZH	NW7E	WB3LHD	LA9FFA
JA8LRG	ON5UE	SV1ACK	OM4EX		N3RC
K2UR	PA7RA	W2OO	SM5FWW	265	N8OC
SM0NJO		W3ACO	YB1AR	4F2KWT	NK4L

NX0I	259	EC1A	JA8XQI	JH6PFY	N4QWZ
W0GG	DJ8NT	FG8OJ	K0DD	JL1MWI	N7DED
W5ZG	EW1BA	GU0SUP	K1FEV	JR0EQQ	PY5IP
W6NWS	JA8BNP	IK4HPU	K6MKF	K9YC	W2/CT1GIF
W7LGG	JE2RDO	JA0KJE	K8DV	K9ZM	W7IB
W7QDM	K2UFM	JF2VAX	KE1F	KQ3F	W9JJB
W9PZT	K4KAY	JH1RGG	N7XR	PA0JSE	WS5W
WA3GFM	LA6UL	JM1GHT	UA0FO	PY2FN	
WB8ART	NI3P	K4JJW	VE3YF	UN3G	246
YB2DX	PY5CC	K6EID	W6RW	W2GW	AA7G
		K8RRT	WF4U	W7HPW	FG4NO
261	W1KDA			W7IU	HL2EIZ
DK3PZ	W7AH	M0TTB	YB0COU		IV3KFB
		N1SV			
G3UAS	258	N9ISN	252	249	JE1VTZ
IZ8IEV	CU3EQ	NA5Q	DL7UPN	EA1RT	JK1WSH
JA3FHL	DK7YY	VK3NX	F1ICS	HL2CFY	K2SN
JA4VLK	EA3EQT	W8JRK	G3KWK	IZ8GGF	KB6CIO
K2FW	HL3AMO	WB7B	G3NKC	JA1EMQ	LA9GX
K7LJ	IK4AUY		JA1BNW	JA8FFM	W1KMA
KM1D	JA9AGN	255	JE1HRC	JH8GEU	W3ICM
LA5SJA	JR1WCT	AI6Z	JF3PNQ	K9NR	W5ZO
OM8FR	K0TT	EA5RD	JH1ACA	KM6HB	W8OP
SM7CQY	KH2L	F6ECI	JH4CBM	N3KN	
SM7IUN	N1EN	HC1BI	JK1UNZ	OZ5NJ	245
ZS6WB	SA0AQT	HL3DE	JL1BYZ	SM4OLL	AF5CC
	US0YA	IV3TMM	K5FZ	UN3GX	AJ8MH
260	W1SSN	JA1VRU	W2ZI	VE3YV	G3KMQ
AA9A	W9EWZ	JK1OPL	W7CA	W0RX	HA5PT
EA8MT	ZL2IFB	JR3UIC	WV6E	W8IQ	JA3QOS
EA9IE		K7XB		W9RC	JJ6DGP
EC1AIJ	257	KR4F	251	XE2D	KF7PG
FG5FR	AF4HX	N1RK	9A4W		N0AH
JA2FBC	DJ0UT	N5BO	DL2RTL	248	N2NW
JA3VPA	DL9FCY	VR2XMT	JA1DDZ	AK5X	NZ3O
JA3WLN	DS5ACV	VU2CPL	JA1SKE	G3VPW	S55ZZ
JH3FUK	EA1JO	W5JAY	JA5BGA	HB9DOT	YB0NFL
K1ESE	EA7SG	WS9V	K4VIG	HI8R	
K6EME	EB3CW		K8CW	HL2KV	244
K8YSE	IK2PZC	254	KG9Z	JE2VLG	IK8UHA
K9FN	K1SM	BA7IO	KJ7TEA	JJ1SKG	JA1CZI
LY1G	N1API	CT1BWW	N4SC	KF7F	JI6IHG
N6MZ	N6HC	IZ5YHD	N5UL	N4XP	JJ1QUV
NT5V	PY2MC	JF2WXS	W2JLK	OZ1LCG	K0KG
SK7AX	RU1AB	JH1VUO	W3ABT	W2TB	K1EFI
SP6JIU	SV1VS	K3SEW	W4SK	W8IW	K1KA
SV1FJP	W0JM	KI1U	W5GAI	WV9L	K1YR
TG9NX	W5DM	LA5YJ	W6DE		KK1W
W2XI	W8MJ	NE8P		247	N0RN
W6TMD	WQ6Q	UA3O	250	CT1FUH	N6KZ
WA5LFD	WV4TN	W3FI	6K5YIA	JJ1BMB	N6PM
WV8DX			F6HLC	K1PL	OE3HWC
	256	253	HA7TM	K3VAT	SP6A
	BH4QYX	JA6IVR	IK0UTM	KH6M	W0QQ

W4REX	IW3GJF	WA4QMQ	G8AJM	NE3F	WB2NPY
W5PJR	JA1DM	WB0TVY	JE1IBI	SM0XBI	
WA2USA	JA2FSM	ZL4AS	JH2V VH	W2NRA	229
WA3F	JH1APK		K0EOO	W6YOO	AA3LX
	JN1NBU	237	K0VSH	WA8MCD	AE0P
243	KF0LA	CT1BOY	K1XV	WB2KSK	AH0U
CT3KN	N0ABA	G0VXE	K4QE	WD8PKF	DL8SDC
DS5TOS	S51NM	HB9CXZ	K5CWR	WE4S	IK2GAJ
G4XRV	SM3LGO	HB9JOE	K8ZM		K0HD
JA1PBV	SP5LKV	JF2OZH	N2FF	232	K3FM
JA2EPW	UX5UO	JH1DGQ	N4IQ	AC9EM	K4CMS
JR5JAQ	W0SZ	JR0QFA	NA5Z	EW4C	KD1F
K4ZO	W8WEJ	K1RV	NW4M	G3XL F	KI4DLS
K8ME	WA4CEM	K2NV	TA1CM	JH0OX S	KS4S
W1BR	WB8CQV	LB5WB	W3MR	JH5HDA	N4NW
W4PNY	XE1RBV	N4HID	W7YW	JH6DUL	NE6I
		SM0MPV	W9FI	JR3VMJ	W1WC
242	239	W6AER		K4ST	
JA4ZA	AG1A	W8UN	234	K5FNQ	228
JH1ERJ	DJ9RR	WA0ROI	DF7EE	NY2NY	7J1ADJ
JH1WJR	I0JBL	WB8B	DK2CC	RQ3A	AA0MZ
JH4ADK	IZ1JMN	WB8ZRL	HB9BYQ	SV8DOU	F1RAF
JJ2WOC	IZ2FOS	WC3W	HS1NGR	W6CYX	F5LIW
JK1VXE	JA4HAW	YO3JF	IK0LNN	W9ZCL	GW4TSG
JR1MLU	JA6CBG		JA2OLJ		HB9DQV
JR7GBL	JA7KE	236	JK1BSM	231	JF1RYU
K3NQ	JA9NFO	HB9ZS	JR1VAY	AD5WB	JF1WLK
K4PB	JE2UFF	JA1HOM	JR4LZX	DK6OR	JH2PWY
K7FEL	JH1DGJ	JA1JYE	K4MF	HL2ZN	JH3GFA
KJ7M	K2XF	JA3KNN	KE5FXE	IW7DVM	K4JC
N2NS	K8YYY	JH1UBK	KE8UM	JA0KJD	K4KGG
N6HY	N8SHZ	JN1NOP	KX2A	JA1MZL	KB1DMX
SV1IW	NF4A	K1ACL	ND4V	JH0AWC	KE4UW
VK3BDX	OE3KLU	KM3J	NV4B	K5IB	NH6T/W4
W8GNM	OH7TV	N4GN	OH2IS	KD6UO	RA3QUA
WB8K	WA6JA	N6IE	W3WST	LZ2XF	VR2CH
	WB4KTF	OE2BZL	WA4JQS	NA4EA	
241		OZ7FOC	WA5UA	SM7NDX	227
AB5C	238	PA0TCA	WX2U	W2DXE	AC9O
IS0AFM	G4FKA	VU2CDP		W4UDH	DL2RUM
JF6XQJ	HB9MFM	W0HBH	233		EI2HY
JP1IOF	JA0LXP	W2YR	AA9GR	230	HB9DVO
K3WWT	JE1PNX	W3FOX	AA9RR	G3LUW	I0MWI
K7KB	JF0JYR	W4GIW	AJ4A	JA5NPV	JA0DWY
KV1E	K9GA	W6DR	DH0GSU	JA6AVT	JK1SQI
N4OA	K9OR	W9OO	DS3HWS	JI1VVB	K1GE
W5DNT	KA4RRU	WA1PMA	EA4DEI	K3EA	K5GH
W5QM	KF9UG	WY6N	EA5AR	KB9DAK	LU6ETB
	M0CSD	YB2TX	JH1SOD	KK9H	N1NU
240	N4PJ		K8BN	W2KA	N6OJ
7K1CPT	N5ZC	235	K8EAB	W8FIB	W5SL
E21EIC	N9UA	EA7QW	K9JU	W8WVM	WA9GON
HB9EFK	W4KA	EU1U	N9BX	W9YE	YL2KF

226	SM7BHH	220	SM7WVZ	W0TT	VU2DCC
DM2RM	SP6AXW	AA6RR	TZ4AM	W1JGS	W5DAW
I0OSI	V51B	DL4DW	WA2NPD	W4IS	YL2TW
JH1IED	VE3SKX	DL4LAM	WC4H	W6SL	
K2BA	W7NN	EA5DFV		WC2K	211
K2RU	WB0O	EI9FVB	217	ZL2AL	AA8SW
K4YJ	WN6K	IK1IYU	IK0CHU	ZS2Y	JA3LDH
KK4OK		JA1OVD	JA2NNF		JE2KSM
N2KX	223	K1DJ	JA7ZP	214	JJ1KZZ
N5ET	AB4UF	K1NTR	JG5RVQ	DJ3AS	JO4JDU
N6BM	AF2C	K2TER	K0NV	EA2AFV	K4MV
N9AOL	EA5B	K4EU	KU8X	F4GVO	KT2C
NG7M	EA7DUD	K4MIJ	N6QI	HB9VAB	N1BY
VE7TK	I8MTQ	K5MT	OZ0J	JN7DOS	VR2XLN
VK4CAG	IK2RZP	K6MM	W0TM	K0QQ	WY1G
W9DX	IZ8MBW	K7AWB	W5GA	K2AZ	
	K6IPV	K9WX	W5THT	K5CD	210
225	KI6CG	KV4T		PY2RO	AA4LR
DK5RL	KW4V	KZ9DX	216	SP7ICE	CU3AN
DS5DNO	N4ENE	N9PGG	CX2CC	W0KCJ	JR2PZX
EU1M	NA2AA	ON4ATW	DJ3XG	WB6BFG	KD4SN
JA0EVI	W5RF	PA3BWD	G4VMX		KD8RQE
JA4CZM		SM0DSF	JA2VHO	213	PY2WC
JF1MTV	222	UR4IOR	JH7WQX	9A1AD	S54A
JH8NQV	AK5Q	XE2X	K7LV	AG3V	W5WP
JL3OUW	DJ9SO		KK4OW	DK3UA	W6WF
K0OK	DL5XL	219	KR4W	HB9HIT	W7FP
K1JIU	E77S	F5JSD	KX4TT	IV3FFI	W9IL
K4JWA	IZ7AUH	HB9BNQ	LB6KC	JA1FVS	WK8A
K5YU	JM1VRW	HL5BMX	NC4RB	JA3NHL	WW2DX
MU0FAL	K2AT	IK5QPS	PS8ACL	JG3RWX	YB0DJ
N0ODK	K6ZZ	JA1FJJ	W0SR	JH1OGT	
N2SQW	KB5UNX	K5JZ	W5VQ	JR1EFG	209
N9SF	KS4YT	KD2T	W8LMG	K1NJ	JH8UQJ
NJ7G	RA4P	KE6V	W9MO	K5ALQ	K0LB
W5GZ	SV8CKM	KG6I	WB3D	KK2M	K0VM
W5LO	VE7BV	KI7AO	WS1L	N6PEQ	KB4MRX
W5TFW		KR6C		N8GP	N4TD
W8CZN	221	N1KC	215	NA2M	N9XX
W8UV	EA2AAZ	N6DX	9H1EJ	VK3FM	PU1KGG
W9KVR	HB9HBZ	NA9RB	AA7XT	W1LE	SM5BNK
WE1P	IZ1JLG	W6GRV	DS4GKF	W3BJ	W6DCK
YO9FNP	JE2EBT	WA3I	HB9II0	W7HR	W8BLA
	JI1NJC	WW8W	I5XFD		W8HMK
224	K4CGY		IZ0BVU	212	WB0ULX
JA8NFV	K5DV	218	JR0AMD	3A2MW	
JO1LVZ	KU4XO	DL2NOM	JT1BV	G4ZOY	208
K1CBK	N4TOL	DL4NBE	K1TZQ	I1YDT	JH0NOS
K2HAT	N9JR	DS4AOW	KF4NEF	JA1BWA	K0THN
KZ5DX	NA9Q	I7PXV	KO6KD	JS6TWW	K4WES
N3RW	RU0SN	KE3D	N8NN	KU4BP	K5RJ
N7WO	W0BM	KV4AA	RN9N	NY1V	KR2Q
RW4CY	W4DEE	N4JT	W0FG	SM5AOG	N4FN

NU1O	JO3WHB	W3NS	V51YJ	N3QE	NN5E
NW6S	K4YYL	W4RDX	W6JZ	NA9A	NU4B
W1FA	K5VR	W7TUS	W6UC	RC2A	SM5ELV
W4WN	K9SG	W7VY	W9LN	SP3F	W8NN
W5FPT	KW1DX	WE2N	W9RXJ	SP5MXZ	WA9DU
WA6G	N9KW			W6HYI	WB6CJT
ZS1J	OH3OJ	201	198	WA0WWW	
	UN9L	DL4FAP	DJ0MCH	WB5NHL	192
207	WA4MME	GI4OWA	DL8DWL		F6FYD
9K2BM	XE1J	IZ0GYP	IV3BSF	195	G1VDP
DG5LAC		JA0CIU	JA6ENL	CT1ELF	HB9FBG
JG1JPE	204	K0MF1	JM1ESG	JA7QQQ	IZ7GIT
K6ZP	JJ1JMZ	LU4FW	JR1IZM	K4KEW	K6XN
KB2FCV	K1RH	N2KI	K0GW	KE4S	KE0A
KE1VT	KB5HC	NW7US	K7PT	KF9AF	KJ4UZU
M0IKW	KM9E	PY2GG	KA1J	N3XM	KJ4YLO
N9AKR	VU2IBI	RT5A	N4PYI	NN2D	N4XYZ
OE1JIS	W4GP	W1OP	ND3L	OH6NIO	NC2Y
ON4ANN	W7IV	W6AEA	RA3BL	SQ7FPN	UR3EO
RD9M	WA9BZW		VK6OZ	UR5FEQ	VA2IG
TF3DC	WB8BZK	200	W6SHY	VE3YXO	YB1TQL
VK2CA	XE1L	HB9AGO	WA2VQV	W3SB	
VK5GR		IZ5FSA	XE1FAS	W6KK	191
W1MJB	203	IZ8EKL	YV5LI		AA4NC
W4GE	DF3EC	JA3EY		194	HA5CW
W9QO	F5NBX	JA7DPC	197	A65BD	JH1FNU
YB0MWM	IK2RG	JA7MAD	4X4MF	EA5ZR	JK1AJX
	IZ0BTV	JH1FVE	BA4TB	JA7JM	K1RI
206	JA7JPZ	K1ZJA	EA1DLU	JM1SZY	K8QKY
CT1HHP	JH8NBJ	KC6JAM	IT9AAI	K1LT	N4DWK
HB9CRV	K0CS	KL7TC	IV3AVQ	K2CYS	N4HN
IW9DNI	K4GO	KM4VI	JA2MNB	KP3AH	N7MQ
IZ4DIW	K4JKB	LA6OP	K6TAR	KR8T	NK7C
JA4DNC	K9OW	N1IA	K8SIA	NJ3K	OZ7DN
JF1IRW	K9TF	N2ZA	M0HIH	SP6EIY	VK2HV
K3SX	KA1DJ	N7ELL	N7WS	VU2LBW	W8UQ
K8NK	KK8MM	PY3VB	W4DAO	W4DC	WF1H
KK5OQ	KM7R	VK6LC	W4HZ	W5UHQ	WI8R
KK9T	N3PS	ZS1DX	WI7P	W7PAQ	
KW4CQ	N4TV		WQ5R	WA1NX	190
N6ZN	N6PAT	199	XE1H	XE1R	AA4U
N8BJQ	SV1FKZ	AA3TH			AC4VM
SM7GIB	W1DYJ	AC0X	196	193	DJ9KV
W7IUO	W3BNN	AD4AA	AG5W	7L4VYK	EC7B
WA3WZR	WA3FRP	JH0RVY	CT3CD	AE4CW	G3WW
WB0N		JI1WLL	DF2UA	DH3KM	G4XEE
	202	K4SX	G7SSE	HI3T	HL4CCM
205	BV1EK	K4VNY	HB9ESS	IZ5MOQ	JA2ITK
AC9S	G3SBP	KC2SST	I7LGM	JA0AXV	JH8KFE
DL6UNF	IK5BOH/2	KI4WCQ	I8YAV	JA1QIW	JI2UDK
GM0VRP	IT9ODQ	MU0GSY	JA1XRA	K3NF	K7UT
IK0WRB	N8WD	N2RR	JA7FAS	KM1C	K8ZT/QRP
JA4DHN	W1AW	PB9FN	N2GZ	KZ1W	KD0AA

N3AIU	K6EGF	W2CG	JH1XFR	176	WA4BIM
N6MXU	KC6X	W3ML	JR3ADB	DL6NW	WA4NUF
SM0BYD	KK0DX	WF8R	K4WZ	F4FLF	WQ5T
W2OR	N5QS	YB2TS	KB7AK	G4AYU	
W9ROG	W8RV		KE5TD	JR1FHP	173
WA8LRW	WA5IPS	182	KJ6NZ	K5DCW	7L2QAD
WB4GLI	WB4DNL	I5FLN	KZ2R	KK7YC	AB6CF
	WZ4RC	I8LWL	N3KV	KT8D	AI9U
189		JA6SQR	NO0B	LA4JGA	DM6MA
I0LYO	185	JI1CQA	SP5ELW	LA7EIA	HB9DVZ
IV3KCB	JK7LXU	K7LAZ	W0ZS	N1JP	K1ROA
JA1SGU	K0KP	KG4JSZ	W1HS	N5FEE	K5ZQ
JG1SWM	K3PP	KS0JD	W4CCS	OZ9XU	K6UNE
K5RKS	KE5BR	LA5LT	W4TUN	VE1VOX	K8JE
K6UXO	KQ4EE	N4MIK		W4LEW	LA9VBA
KY5I	OZ3SM	N8NA	178	W9WO	N7HN
OH2LHE	UN7BK	N8NB	AA8KY	WA3GNW	N9DR
ON6KE	VA7ZT	NZ5O	AE4M		NC7B
RM3DA	W0QC	VU3CAU	EA8AXT	175	NX2X
RN3CT	W2WG	W6SFK	F4DSE	AG5CN	OV5O
SM4BZH	W5SUM	W7WZ	G4DDL	EA6UE	SM0EUI
W4AEJ	W6RKC		IW0BYL	IU8IYE	W8QXR
W6DPD	WV2I	181	JA1ERB	IW1PUR	WA7BNG
YB4CHP		IZ4AIB	K1ZE	JA0LFV	WY7FD
	184	JK1DDG	K3VAR	JE3PCP	
188	AD6ZJ	K9AQ	KU1T	JH6RTO	172
EA7AN	EA5RU	KY6R	N6DHZ	KD4POJ	EI1DG
JA0GCI	HP2NG	N1HO	OZ1HPS	KF2OG	JA1BON
JH7NTW	IK0HBN	N6VS	W7HUY	KF6HI	JK1JAS
JP1GUW	JA7FVA	N8AYY	WB6AXD	KL0S	K5TA
K1JD	K3JM	N8HRZ	WC0W	KN7D	LZ1XL
K2AX	N2MEE	NN9X		LZ2ZG	N3AO
K2DC	NW7M	NV4A	177	N7NG	N5PA
N2ZZ	SM2EJE	UA9AEU	4X6UU	N7VPN	N7GCO
PY2RN	UN7BY	W6TK	IW8CGX	NS3L	SP5ES
WV4V	UT7KF		JE4RAL	UA1OM	TF3JB
YO2DFA	W0PE	180	JF1LZQ	UA9AGX	W1ASB
	W6BK	4X6KJ	JG3KLF	XE1YD	YB4IR
187	WB2HJV	A61BK	K2JL		
EA5HM	WB3BFC	AA4AK	K2MK	174	171
F4WDL	WB4YDL	DK1NAL	K3OX	AA4UC	AA5N
IK8GJR	WB5STU	JH1IZR	K8YE	AG4Q	AD0K
N6NU	YB1RUS	K0IL	KD1AB	AG7N	AD3C
N6VNI		K2SD	KF4VTT	DF8FT	CT2GZE
PP7LL	183	K3DFL	NA6MG	DL5KUA	DL5MM
W5ZE	IU0ICA	K8SL	SM5CBM	HB9HVG	F9CI
	JA2KSP	NA5S	VK2AAH	JL6USD	IK3GBG
186	JA3UNA	VR2XYL	W0IKD	JR3TOE	IZ0CKJ
AF6PK	JE4CIL	W4DSM	W0JW	K5CR	JA3AVO
I4UUL	K3HW		W1AO	K9HQW	JJ1BDX
K5EWS	K3SF	179	W4KVS	K9UQN	JL1GYZ
K5QX	K6LRN	DL5MHQ	WD8KND	W5JMW	JS6QOM
K5TN	NA2U	JA3EEM	YB1TJ	W5WI	K2TV

K4WY	JP1LRT	ZS6IR	AI4QQ	KM4A	XE1MW
KB0V	K0RAR		DS4NPL	N7QT	
KC5LK	K1VI	165	EA1AZ	NA6XX	158
KP4DKE	K2SY	AG6HE	EA3HDZ	OK2ZDL	9J2BS
KW9U	KF0RQ	CU3HN	F4CPF	SM3PHM	G4SGX
N8WRL	LU8ADX	EI5JL	HA5BSW	W5BK	HK3PJ
NA6O	LX1CW	HL1VAU	IK2ULM	W5RDW	IK3DVY
ON6MX	N4ST	IK0XIH	JA0MRW	W6DOE	JJ1KXB
W0MU	N6MB	JE4KCN	JA4GXS	W9GG	K4HQK
WA4DOU	OE1ALW	JE4WOK	JR6LDE		K8GWU
WA5KBH	R4FAN	JF1KML	K0ABC	160	KB2XJ
	SV1XV	JR1KBJ	K0CF	E70T	KF7NN
170	VR2MY	K3VPZ	K4GN	EA1WH	KJ7NO
DL2JIM	WX0Z	KG4CUY	KE1B	IK1ZNM	N4XMX
EI5KO		KG5NP	KW4MM	JA1ITJ	N6MM
EI6AL	167	LA2XPA	LA1CO	JA1UOA	N8TFD
JA1GVT	JA8BOV	LB7ZG	N0AMI	JG2LGM	W0JMP
JK1BIB	KB8NTY	N2RJ	N4KM	JK1EBA	W6FL
JQ1YIW	KD3HN	N3KS	N7KDT	JR1CAD	W8LIG
K6JJ	KE3X	PT2ND	N9ATF	K7LY	WB2RAJ
K7CU	KH6XT	RA0BA	N9LEO	KC9K	WB9B
LA2GH	N1ZJ	RL3BZ	R3IS	KM4NS	WB9ZNZ
N4VN	N4PL	VK3TC	SM7CZL	KO4PRE	WT2P
N6EM	N8JS	W2FS	VA2LC	N0IW	
N8VV	PT2ADM	WB2WPM	VU2MSA	N4MEC	157
NG9J	PY2SEX	WB9PNU	W1OK	N5WA	7N3IJT
NX4TT	TF3VS	WC4X	W1XV	N8IL	E20YLM
VE1OP	WA0SXV		W4PGM	NI5F	EI2JD
VE2YG	WA5NFC	164	W8MIL	W1TO	GM4KHE
W0OGH		AC4BT	WA9IVH	W9FF	JA0NZR
WA4USA	166	CT3DL	XE2YWH	WB8QZM	JA1UBZ
YO4AUL	AC0DQ	DL7JRD	YO3DDZ	ZS6RJ	JA3MHA
	AL7R	EI6IZ	YO3IPR		JE3OUW
169	DL1SVA	IZ0GVZ		159	KB7QFE
DM3CW	GM7NZI	JE3FOR	162	AA3AZ	KM4HQE
JA1KXT	HL4XM	K0COM	4F1OZ	CT1ESO	KN7Y
JA3PRM	JG3KMT	K1XE	BH4IGO	DD0VE	N4MI
JE1PHH	JQ1PCX	K6CF	DJ7JC	EA1P	N6VH
K8ZZU	JR6GHN	K6GFJ	DS3EXX	IK0WMJ	N9MB
K9OT	K0KV	KA1API	EA2AGV	JA0ED	PY1NS
KI2D	K7CTV	KD8MQY	HS8KAY	JA4FKO	W3HKK
N5MT	KN4FO	KL7TS	JR4CZM	K0IO	W4DTA
RD3BD	KR4BD	N2XQM	N4BAF	K1EDG	
SV1IZY	KW4J	N7WI	NP3CW	K9QJ	156
W7VAS	SV2CLJ	NA2P	W4NBS	KC4HN	DK8IZ
WA6QGH	VA7DX	PT7DX	W8FN	LA8ZAA	EA3HPX
	W4PGC	S50B		N1MD	GM3WIL
168	W8SAX	SP7QHR	161	N4VG	HB9HHH
A92IO	WA1ZIC	W6SIY	HL3ERJ	NE5S	HB9MXY
EW1P	WA5NOM	W9CSX	JP7FSO	OT1A	JA1CCG
JA0PZJ	WB3JFS		K1BZ	VA3NXM	JA2ODB
JH1ORA	YO3AIS	163	K2OP	W1EBM	JA9RT
JH3EQP	ZL3RJ	AA4OC	K4AR	WD5BJT	JH2AJY

JL3DGI	153	JA2BUR	JS6SCC	K5UZ	DL6DCD
KA9OKH	HB9BEM	JI3BFC	K2HT	KB9LIE	G4FTC
N4QM	HB9GWJ	K1QN	K2KIB	KX5U	GM0VIT
N5QZ	JA3UOQ	K4DET	K2RET	SV8RX	JK1NPH
N7RD	JH2NWP	K7LAY	K8WHA	W3NRJ	K1TKL
W1MR	JR7MAZ	K9AAA	K9EXY	W8OM	K8OS
	K0SRL	KE4BKL	KM2E	W9GM	N5UE
155	K4OY	KE8G	KP4DS		NJ1Q
5P5Q	K8ROK	KK4CLY	N0STL	146	RN0C
AB4GE	K9MMS	N7MB	NE0U	AE5B	UY2UZ
DK3QM	K9YZ	NU4I	NU4Y	HP3TA	W0AIH*
IV3TDM	KF9LI	SM0NUE	NZ0O	JA3KWZ	WB9W
IZ2EWR	KK4XL	VA3EJN	PY8WW	JE1COB	
JA0EBV	LA2IR	VA3HP	RT0F	K6NR	143
K0PX	N0VVV	W3HER	TF3Y	K8ARY	AA4MM
K2DF	N7NW	W5WLA	UA9MC	K8POM	AF3X
K4EZY	OH3DP	W6WA	WA1EHK	KB9AIT	EA4D
K4SAF	OH3FVP	WA9JWL	WF7T	KM8AM	HB9AAA
K4WM	SP5NON	WC2C		N6FS	JA1MOD
M0IFT	W3DIY		148	N6RK	JF2RSF
N1QY	W8VK	150	4F3BZ	N9MR	K2OO
NF7D	WB4SON	DK3BK	A71AM	SM3DXC	K6LPO
NK7Z		DK3FB	IW5EIJ	SP9IZV	K7QBO
NO9E	152	HB9EBM	JA1IHD	TF4M	K9BQL
OE1HHB	4O3A	IK1UGX	JF2AIJ	WA2MUA	KE4FW
UT7EC	AC6BW	IT9ABN	K5LY	WA3SKQ	KG6D
W5SV	BX5AA	IT9IPQ	K7STO	WW8RT	KJ2U
YB1AYO	DF2WF	IZ0FUW	KA3GWD	XE2B	KJ4R
	DU1KT	IZ2MHT	KB8ZUN	YB1BML	KN7K
154	G0THF	JA6SUY	KD4EE	ZS6UT	LB2TG
AC8TO	G4AFJ	JA7GZM	LZ1MDU		N2YBB
AJ8B	IK5BSC	JG1GJH	N0TK	145	N4GBK
DS5WQT	K2EK	K5HK	N3ND	5T5PA	N4UP
JA0GZZ	K4RDU	K9RT	NJ6K	AA5TL	N7ZA
JA4HXF	KD2OV	K9UWY	PY2CP	AC7JM	TG9AJR
JA8ANQ	KE9S	KI7M	VE6TL	AL7TC	W4JVN
JE6PJP	NH6L	N6JOJ	W4AG	DL1MEV	W4UFO
JF3VEC	NM1G	N8IK	W9MAK	EA4S	W7VS
JH1AQN	OH3PYY	N9IO		EA7LS	WY0V
JH1BHW	ON4LG	NM4SH	147	EI7GY	
JM1JZN	R9JX	ON6ZV	AB9KZ	F1OBJ	142
JR3QHQ	W6RFF	SM0BSO	EI3CTB	JH1CTV	JA1PUK
JR7ILA	W7JET	VU2NXM	F6KOP	K5FXB	JI1UHZ
K5DXR	WA6EZV	W3KB	G3VQO	KQ5M	K2CJ
KC1ERO	YV4DYJ	W4NE	IS0/YO3RA	KS0M	K3GT
KM2O		WL7OU	JA0JPD	N6KK	K8MRT
N7JB	151	ZS1C	JJ0LZQ	NS4X	K9UO
NE5W	AB2E		JK1OTP	W3DQS	KA6BIM
VA3OKG	AD5MD	149	K0PC	W7NP	KB1HY
W4CIR	AK9B	7N2JZT	K3GGN	WR7Q	LA1J
W8TM	DF1IR	DS4DRE	K3GW		W4MA
WA9MAG	DL4KUG	ER0FEO	K4NTO	144	YO8CRU
WN7J	J68HZ	JN4FNZ	K4TXJ	AD0TR	

141	K0QB	W2GGY	IZ8DEO	W9SE	N2YF
7K3QPL	K0YL	W2NY	JA6GXP	YO3GJC	N7TM
9H1AE	K9TRV	W4UEF	JR0GXA		NS4F
EA1T	KX4I	W5AAJ	JR1HYA	132	OZ6TL
EI3ISB	N0CKC	W9MR	K3KY	AA4FU	W1MO
HB9EXQ	N2SG	WA0WOF	K7FL	AK3E	W9CTJ
IZ3XEF	N7NF	WG0G	K7RAN	AK6I	WA7HR
JR3PKO	R9MJ	WS1F	K7YZO	I8NLC	WB8RFB
K1IG	ZL3TE		K9JDP	IK8OZV	YB2IQ
K2JK		136	K9SUH	IZ0COI	YO8PS
K4RM	138	DM5JBN	KA9JCP	JA9KRO	
K5VG	DL5KUT	EA5KA	KD2SC	K4BNF	129
K8RCT	DL5ZB	G0OSK	KF5WCP	KB8KIM	AD6KQ
K9AAN	G0FWX	IS0EBO	KN4OK	KE7BMG	AE7U
KA5SYP	JA0CVC	NT5EE	LB5GI	KG8OU	DS4EJA
KA5VFU	JA1PVX	ON5GF	N1AH	KI7HO	JA0AVS
NZ6N	JA1VRY	VE3FRR	N2TC	KK5ID	JA1PLT
TF5B	K2YSY	W0ANZ	N5JED	M3DFW	JA2ACI
VE3FAC	K6CW	W4EJG	N6XT	N3TR	JA3WMS
W1NA	KC9G	W4GH	NC6RJ	N4EDT	JH1RFM
W3IZ	KF6A	W4IDX	PA0QRB	N4QOG	JM1CMA
W5GOL	KL7NW	W4PV	SM3WMU	NN3V	JN1SUT
W6HDG	KU9S	W7SX	W1DAR	ON6YH	K7ORK
WK9U	N0SL		W2KNG	PY2OP	KB3IFH
	N3PV	135	W4UAT	SM7DXQ	KB4KBS
140	N9BVA	AB4FH	W7KKC	UW7UA	KN4WOJ
AA4DD	OD5YA	GM5YTT	WB1DX	VU3WEW	N8BK
AD9DX	PV8ABC	HZ1GW	XE2AD	W3KHZ	N9AVC
EI6JK	TA1PB	JA1DCK		W4MC	PY3OG
EI7JZ	W0UHL	JA3MIO	133	W5FL	SM2YIP
I4JEE	W4DWS	JA7MWC	7J1ABD	WA1HXH	VK5CE
JG1RYQ	WA5POK	JJ1HLL	DL8OH	WA1KXV	W7TG
JJ1OKK		JL2ULM	G4NBS	ZS1EL	XE1ILI
K0UBR	137	K2WJ	GM1BSG		
K5GZR	AC5AA	K3HPA	HB0WR	131	128
K6EV	DL2RD	K3WGR	HK4EB	EI5GM	A71XX
K7VC	G3PSM	K4OP	JA5IBP	JH1IY	DL9SAD
KC3AK	HL1MKT	N5RN	JM1JIV	K0ARM	EA1AHA
LA8PDA	JH1SBE	N7TW	K6ME	K5SES	EI3IO
LZ2HM	K2CDJ	NX8Y	K7YMG	K7GA	F4GTB
VE3NJC	K2RKJ	S53MJ	KC2STA	KA5IAU	HL2DBP
W5VU	K4AU	W5IO	KG6WIK	NG4DX	JH1AWJ
W9BS	K6IRA	W7QHE	KI4TZ	NN6K	K6OJ
WB1ASL	K9BO	WB3AVD	LA9KY	W5EC	K7PTC
WB8EKG	KP4N	WB6FWS	N1BKB		K9YKL
WW6G	N7VZ	WB9IWN	OH4KRN	130	KC2WUF
YB3MM	N9NFT	WO5I	OH7HM	AA4QE	KD5R
	NI4Y		V31CQ	DL1SWN	KG2U
139	NU1T	134	VU2ABS	JA2LMY	N0JR
F5VML	OE3JAG	AB0RX	W1GY	JH3PRR	NR0Q
HB9ARK	SM5CSS	AB1J	W1ITU	JL4BSE	PU4MMZ
HB9DTE	SP3EPG	DL4ZAB	W3MF	K2MHE	R3BB
HL4CBX	TA1AL	EA6AZ	W6OUL	KN4JX	UR9IDX

W0QD	JA5CDL	EC4KW	OH3TY	KK4ODQ	VU3RGB
W5MF	JA5XPD	EI8IQ	PY2ADR	KO4DKI	W1RG
W6IS	JH4GXE	G4RGK	SV7CUD	KU2A	W2FDM
W8BI	JK8VMB	IT9YOZ	VE3VHH	N3ER	W5RYA
W8WV	K2GLS	IZ1UKF	W2WGK	N5ZY	W6GJB
W9EBO	K5KDX	IZ5BYJ	W4UT	NA2R	WT5L
WA4UWD	K7PO	JI1DMH	W7FI	NA4MM	YB0AZ
WC4V	K8GT	JM1LPN	WB8TGY	NY4G	
WP4CQ	K9QA	K3SUI	WU7X	OZ6EI	119
WQ1H	KC3RKW	K6VVK	WX3P	TA1L	DL2VWR
ZS6AKU	KC5RR	K7HC	YB9WZJ	UA0FDX	F5BAR
	KC9WPS	KB8DID	ZS6NK	W2ARP	HL2MHU
127	KK4CB	KC2NJ		W3/NH7C	JA6JYM
7Z1HL	KM4CQG	KC4AA	122	W3JXP	K7LOL
AG4TO	KS4WA	KD3UY	AA0BH	W4CC	K8EB
DJ5DT	N5HC	KD9ZR	AA5B	W4KCM	LU9DO
DL9GTB	N8YQX	KK4TKJ	AB5YI	W5UQ	N1GNB
EA3NG	N9XG	KV8P	DB4RG	W7PC	N8LCU
EA4TX	VE3TMG	N0YO	G0HSA	W9MB	ON8PHD
G8BCG	VK2DAG	N4LSJ	HC1HN	WA7HQD	SV1BYI
HB9TJG	VR2VGM	N5VBK	JA9ALR	WB7BBQ	SV2KF
HK6K	W8VI	NT4K	K0HQW	WQ8T	VK7AP
I2YPY	W9COS	W0DD	K1AJ	WT3Q	W1ZK
JA0BES	XE3E	W4BH	K3DQB	WU9D	W6ZPL
JE2VYM		W6ELI	K4VAC		W8EOG
JF2OHQ	125	W6ND	K9KJ	120	ZL2AO
JG1LRE	AC4XO	W8PAT	KB4ET	AA2T	
JH1HRJ	EI8GS	W9TO	KN9N	AC4TO	118
JI1MNT	G4EHT	WB1S	N1ZZ	AE5LK	6K5AQY
JR1LZK	IK8PGE	WW5L	N4GRC	AI2S	AC9GK
K7LFY	IZ8EYN	ZL3REX	N9ATD	CT7ABD	AE1T
KF3N	JH8FIH		UT9LC	CU2CE	AJ6X
KS8W	JP1GVC	123	W1ES	DS3DNT	DJ9KM
LA2LI	K5NOF	AB9BH	W1HEO	DS5QLJ	IZ0RPS
N0AB	K9ARZ	AE5FM	W1KKG	F5AQB	IZ1JIZ
N0DL	KK5J	AI5EG	W5HNK	IK8IPL	JA6CMQ
N1BZ	N7UJJ	DJ6OZ	W6HB	IT9JPS	JH3LCU
N3GTG	NA7RH	DS4DBF	WA5YOM	JA1DCO	K9KJS
NA1RL	NN6CH	G6NHU	XE2MX	JH5OTE	KA5JSM
NT9F	SM5AFU	IK0XKP		JJ1XVA	KA9JAC
ON5EQ	W0XE	IZ8LMA	121	K9CHP	KB3KJ
VE3EDY	W4AO	JA1GLE	AB4BJ	KG4OJT	KC2THY
VU2TMP	W5CWQ	JA2HOL	DL7UGO	KJ6Y	KD9BIE
W0MF	W6PG	JH1RVQ	HA2EQD	KK7BR	KG5VK
WA2BOT	WA1LAD	JL3RNZ	IK6BMU	LU3XX	KX6C
WB2KSP	WA4TMJ	K0MD	JA1CPN	N1TQP	LZ1XZ
	WM4AA	K2JGL	JA1EYN	N3DV	N3HYB
126	WR2G	KI0HA	JA1WTO	N3GS	N8KUS
CU7AJ		KO8SCA	JE2DOD	N4UFP	VR2CC
DS3EXT	124	LA2XNA	JI5WDC	NR2D	W4AFB
EI4HH	AA5H	LX2SM	K1LTJ	PP2FN	WA7ZXD
IK4TVP	AF8C	N6DVR	K3CWF	VE3QAA	WA8RCK
IW7EDZ	DJ3EJ	N9RE	K9MQ	VR2ZXP	WB5TOI

ZS2I	VY2RU	NK5K	W6BBS	NT5O	109
	W1HQ	W0LGQ	W7CD	PT7CB	AA4RX
117	W7WES	W0QKL	WB9YJE	TA1UT	AC8AZ
AD7L	W9LU	W2ZK		TA2RC	AF3K
CE3FZ	WA4VJK	W8LR	112	TA7AZC	DL9QJ
F8EZE	WW5RC	WD0AJG	3C3CA	W7WT	F5DBT
IS0BZR		WN0L	7Z1CQ	WB8PKK	F8DHE
IZ7QFN	115	WT9U	G0DTX	WU4B	G0MMI
JA9KA	AA9WO	XE1EE	G3YFE	XE1ZTW	JA5GOJ
JM3GXU	AF7WM	YB2BNN	GM0SCA		JA9IWR
K0FF	E74A	ZS4JAN	IK4EWN	110	JH4GNE
K4AEH	HB9MZI		IS0BQE	AC0B	JI1IZS
K9LCR	HL4RBR	113	JA4RED	AG5Z	K0FD
KB2S	IW2FLB	AB1NS	JF3AHI	AJ6V	K4AEN
KB5CSQ	JA0NPQ	AK0A	JH0LME	CT7ANG	K6JAD
KO4PY	JH8LEY	DL2DCX	K0XM	DK4MX	KA4AHU
KP4ED	JJ2VLY	EA5DPL	K4HEB	EA1BLA	KB7DT
KZ1X	K8CR	EI2FG	K4ZMV	EI9HX	M0AQW
N5JEY	KB4CRT	F5EOT	K8CJY	G4VWI	M0MCV
N8AGU	KB7V	F8GB	K9KDS	G6MLX	N4LS
VE7NY	KG4URP	G0UII	KH6P	HB9BEP	N4WD
W3LWH	KV7N	G4NAQ	KY6AA	HG6IA	N6RVI
W3MRL	MM1PTT	G4YCS	N0OK	IZ1EPM	NN8L
W4ARK	N0TR	HB9GZE	N2SO	JF3KOA	NW6R
W4PG	N7PIB	IU8GNY	N8AID	JH1FRW	NX1P
WB9WHQ	NE1RD	JA2CPD	NQ4A	JR2PAU	NZ3M
YO6HOY	NG0G	JA4CSJ	S51DV	JR4DHK	PF7M
	NW6V	JA5SEY	W3WN	K3MSB	PV8DX
116	OE5MPL	JF1AZQ	W4LLP	K4KAL	SP7ASZ
6K2ILX	W4OV	JH1GNU	W5GCX	K4RP	T88UW
AA0FT	W5WS	K1JKR	WB2UFF	K6DJ	W3ATV
EA5GXI	WB4MM	K2KNB	WD8LTM	K6SLO	W3GP
EI4BZ	WJ5K	K4JDJ	WF4W	K9TVG	W4JDS
G8GHD	WS4H	K4JLD	WJ1B	KF8PD	W5SG
IZ2CSX		K4TR	WN1M	KV3W	W7CB
JA2KPW	114	K5TU	ZL3PAH	N1TQ	W7VP
JT1CO	F6FHZ	K5WRE		N3YZ	
K4LCP	G3CWW	K7BWC	111	N4NYY	108
K8JRK	HC1HC	K7MO	AK4N	NZ7Q	7M4CLF
K8MN	I0BJV	K9DUR	EI9CN	OE6BME	AC8MR
K9GWH	IZ0FYW	KA5OWI	F8DZY	TF8GX	AC9DX
KC1RET	JA1CPU	KB1OIQ	G4ZWY	W1ZZ	DB9CR
KD5RBU	JA8EIA	KB2TGU	HB9ECS	W5JE	DL1TPY
N0ATQ	JG4OOU	KC0V	JA4DLF	W6TCP	DL2AMD
N0UCR	JM3XZC	LU3JVO	JA5EEU	W7YED	DL2NAI
N1GFV	K2IRM	M0NGN	JE1TNL	W8PE	DM5TI
N2ZL	K3PL	NA9L	K1RE	W8TE	DU1IVT
N4KEB	KB1W	S52R	K2KYH	W9GFB	E70X
N5EI	KD2NF	SV2DSJ	K5NV	YB1SKR	EA5XV
OE6CLD	KI8AE	VA3AYA	K8ZEE	YO5QAW	G5CL
RW6MBC	N3DD	VK7ZE	K9JIG	ZS5LEE	IK1RKN
SM1NJC	NA1DX	W1FC	KI2Y		JA2DCN
VR2IL	NG8T	W3JM	KM5VI		JA2KGQ

JH1OVY	PP5VA	VE3NKS	WB8LEM	ZS6HON	DL4FDM
K1FUG	RM6LW	VE3XK	WD4OHD		G4FVZ
K3XO	SV3EXP	VU2MB	WK3A	103	IC8SQS
K4GHS	TA1CQ	W0TLX	WZ9B	AF8P	IZ7QSS
K8LBT	UX5XK	W4/KL7GLL	YU1LD	DS5JMG	JH1IHG
KC8YG	V31MD	W6KF	YV4EH	EA2RY	K1MDA
KE3ZT	W1USN	W7GB		EI4GNB	K2DH
KE7AUB	W5HY	WA3IIA	104	EI9GLB	K2DW
KI4SFT	W8JA	WA8Y	7N4OBV	FM4LV	K4HR
KJ2AM	WB2BXO	WV4E	AA2WC	HB0RER	K6BLG
KJ4SKO	WB2MKX	ZL3RIK	AA6XV	JA3MAT	K6JAV
KO4XI	WC2L		CT3DZ	JF1KIG	KA8HDE
KW1X	WM4W	105	EA4EJP	JI1FXS	KB1AWM
LU2AH	WS7I	AA2F	EI3HA	JP1KHY	KO3F
N2IFA	WU1U	AI1W	F6ARS	K0OOK	N2CJN
N5FPW	ZP6CW	AP2IA	FM5FJ	K1FBI	N2FY
N5TW		DL9GTK	G0DRM	K2RNY	N4IR
N7TP	106	E29TGW	GW0ANA	K3PIN	N8KOJ
N9AZZ	AB6WQ	EI6GF	HA5DI	K3TXW	NA4D
TF3MH	AC7DX	F5VIF	HB9BMY	K4NI	NN5O
VE7VV	AC8IL	G3LOJ	JA1CC	K4PWS	R9GM
W4DVG	DS2GOO	HL4GHT	JA1DHY	K4SAW	S51MA
W6CN	EA3AGY	JA1JYS	JA1RBY	K6XJ	SM0XG
W7SMW	EW4DX	JA1SZN	JH1MYJ	K7HV	US8ZAL
WB5ZAM	F6JSZ	JE6UWU	JI4HKA	K9WMS	VK2GR
WC4B	G0OJG	JJ2BLV	JQ2MPJ	KA7CVJ	W1GF
	G0RPM	JK1AIA	K0BRO	KP4DDY	W1MRH
107	G3LPS	JK1AKA	K1TWF	KQ6K	W4GHW
AB7RW	HI7SB	K0MB	K2CQW	M0UPL	W5TMC
BG8PA	JA3AOP	K1EO	K4WW	N1MIE	W7FS
DJ5FZ	JA3FRI	K1ETA	K5JUC	NB3R	W7HJ
DK2GP	JF7NNI	K2GW	K7UW	NI5G	W7IMU
E73D	JG1XBM	K5WE	K8WVA	RX3BP	W9GWP
EA2BFM	JJ1IRS	K6GCN	KE4YOG	VE7XT	WB4PWZ
EI5GSB	K6VWE	K7CMZ	N1FOJ	W2SUB	WB7QBS
IC8XIL	KA9TOX	K8FB	N3PW	W4CU	WD6T
JE1CTA	KI0KN	KJ8N	N4PAJ	W5IP	WD9IOK
K2FJ	KI4NSP	KK4MA	N4ZR	W7KHZ	WN9A
K2ZD	KM8V	KR0P	N8TEM	W7UV	XE1SAX
K3GO	KR4U	KZ4EX	N8WXQ	W8EH	YB0EIN
K4LQ	KT5V	LA9JKA	NA8W	WA6URY	YB9AY
K6DLB	M0PCB	LZ1JZ	OM6CI	WA8KNE	YO6BHN
K7UWR	N4DJT	N2YU	OZ9U	WC9C	ZS2ACP
KA4LBD	N6UOZ	N9APK	PY2YW	YB1ALL	
KB0EL	N7MW	N9IXD	RV4LC	ZL1IM	101
KF2G	N9ZJ	NC1M	VE3ZN		AA9D
KF6XA	NG4C	NK7L	VK3MB	102	AB2NI
KJ4FZ	NI7F	OH6IH	W0VU	4X1VF	AB4EJ
LU5OM	NS7K	PV8RR	W9GXR	5H8HZ	AB8YZ
N0MHL	PT2DF	TF1A	WB7QXU	5W1SA	C31MF
N1UZ	PY2OC	VU2DED	WX0B	AC0XY	DD8BA
NI8Z	UA0ABB	W1PY	YB1BUL	AD7XG	DD9WG
OV2B	VE3BHZ	W9JJ	YO6HSU	DB2WD	DL3XAC

EA4UV	WM5H	K5LLA	VE3KKB
EA8TZ	WU6K	K5MMH	VR2PX
G3VDB	WX7B	K5PSN	VU2OY
G4GEE	YB8HZ	K5VSD	W0PPA
HB9PUE	YO2OXD	K5YE	W0RMS
IK2HLM		K7VL	W2MW
JA1KZP	100	K9EA	W3KN
JA5ALE	2E0XAR	KA2F	W4CG
JA5JUG	9M8DEN	KA4H	W4DFU
JK3NSD	A41ZZ	KB6IGK	W4YR
K0GEO	A71EM	KC5N	W5PD
K3AXB	AA7UN	KD0KZE	W5YKU
K3LA	AC0DH	KD1DT	W6OZI
K5HX	AD4J	KE1IU	W9KM
K8PGJ	AE4VJ	KE8NOA	W9ZT
K9GL	AK1P	KF5MDZ	WA2ALY
KB5YN	AK4AO	KF5TL	WA2VJL
KC3OPI	DB6VH	KG4IYS	WA3UTC
KC4ZA	DC1TK	KI0G	WA3YZD
KD2RUY	DK1MCS	KI3O	WB0RXQ
KE9UA	DK7GH	KI4PG	WB2ZEX
KJ5RC	DL3ANK	KK6MF	WB4HMA
KK6VGE	DL5JH	KL2R	WB6RAB
KU4A	DS4GQR	KL7XO	WB6RJH
LA3ANA	EA5PS	KR4Q	WD1M
M0PTZ	EI4DQ	M1EMC	WD4GZW
M5LRO	EI4GJB	N0JX	WF5I
N3CAL	EW4A	N0KM	WI0E
N4PF	F5JWH	N0VTZ	WK7W
NC8I	G0GFC	N1KI	WM4D
NJ2X	G4PUQ	N3NVA	WM9Q
NZ1I	G8GFF	N4GOA	WU1T
OZ5JQ	G8GN1	N5CR	YB6LAY
PA3AIN	GW0KRL	N5LJL	YE1AR
R2ARR	IK7NXU	N5LKE	ZS6CR
RZ6MJ	IZ4IRO	N7WFK	
SV2BXA	JE7KCI	N7WR	
SV4FFL	JG0HEW	N8HM	
TG9AKH	JG3LDD	N8URE	
UA4PK	JG5VFK	N9MKC	
VA2GA	JN1RFY	ND0B	
VK4BUI	JR4VEV	NE3K	
VU2OT	K1HC	NX6D	
W0ZX	K1JX	OM2AGN	
W2FDJ	K1PTF	OR4K	
W2GHD	K2UF	OZ1GCT	
W2PD	K2UT	OZ9GA	
W3RMS	K3NO	PV8AJ	
W3SW	K3QB	PY5VC	
W4PM	K3RRR	R2AB	
W6OU	K4GM	UR8IDX	
WB5KSD	K4KYN	VA2EU	
WD4IXD	K4QS	VE1JF	