

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 10 May 2024, 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	K4DY K4MQG KF2O N6AR	338 CT1EEB JA5EXW K9NU SM3NRY W1DIG W7UT	N0XA N4KG* N5UR N5ZM OK3GU PE5T SP8AJK W0MHK WK3N	WD5COV 332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA0UUA JA2FBY JA4DLP JA5MHD K1OA K3UA K4XP N2LT PY2BW SM6CVX SP2FAX UA4HBW W1YY W5BPT WB9Z	W8UVZ W9RPM WB6RSE 330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH K3WC N4JF N8JV N9IW OE3GCU OK1MP SP3E YU1FW
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA I4EAT* K5UR N2TK N4CC OH2BU OZ3PZ	337 DL4MCF I4LCK JA3FYC PY4OY SP9FKQ* W2YC W3LPL W9IXX	334 DJ9ZB EA4KD JA1BK JA5AQC K2PLF* K3KO* K4XO N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A W4PK	331 DJ9HX F6DAY HB9BGV I4AVG IK8HJC JA1HGY JA2KVD K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W5OZI	329 AA7A EI7BA HB9BZA I4MKN IK5HHA IK6DLK IT9DAA IV3JVJ JA2JW JA7KY JE2URF K0EU
346 N1DG SM3EVR	340 AA1V DJ2BW* DJ9KG JA4DND JH4IFF K4UTE K9QVB* N0AT NN4T PA3FQA SP5CJQ VE3EJ	336 AA6YQ G4BWP JA1WPX JA2JPA K1ST K2FF K4HGX K5NA* K5RK N3XX VE3XN W0BV W2LO	333 EA6SX F6EXV G0JHC G3XTT JA0EOK JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU		
345 HA0DU OH1XX W9ZR					
344 JA2VPO OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX					
343 K3FN K4PI N4MM VA3DX W3UR	339 EA8AK IK1GPG JA1UQP N4CH N8DX SM3GSK	335 AG9S JA4LKB JA5AUC JH4UYB K8SIX			
342 DF3CB JR2KDN					

K4ZYU	326	W1RM	JH3VNC	KV7K	LA7HJA
KD5M	AB4IQ	W9OL	JH4ADV	N4DB	N4QS
LA5IIA	I4EWH	WB4TDH	JJ3PRT	N4PQX	RV3LO
N5AW	JA1SJV		JR3OEH	PA3EWP	SP1JRF
NJ6P	JA7MSQ	323	K2UO	R5AJ	UA3DPM
NO8D	JH1TWT	DK9KX	K2VV	SV1FJA	W7MO
NR1R	JH2FXK	EA3GP	N3NT	UA3AP	W9ILY
OZ1CTK	LU2NI	JA9APS	NK1K	W5WT	YO7LCB
SP7GAQ	N4JJ*	JF1KKV	OE6MDF		
W0DJC	N7RT	JR3GWZ	OE8RT	318	315
	RA3CQ	K8PT	OH2BLD	A45XR	9H1SP
328	RU3FM	KF0QR	ON4IQ	AA4HP	AB6QM
AA1ON	RZ3AM	N5TY	OZ1AXG	AD5A	G3VKW
AA5AU	SP6M	SM4DHF	SM6DHU	DJ4AX	HB0CC
DL7MAE	SV1RK	SM6CMU	UT7UJ	DL6KR	IK4DRR
G4OBK	W8DCH	SP1S	W3GH*	EA1YO	JA8RJE
GM3POI	WJ4T*	VE2TZT	W8GC	G4PWA	JR2BJE
IZ5EKV	YO9HP	W3NO	W8OI	J12KXK	JR7VHZ
JA6BZI				K2TE	K8NVR
JH1GZE	325	322	320	K4IQJ	KE9L
J14POR	CT1APE	CT1BH	DF2RG	K5DU	N5OK
K1HTV	CT1IUA	EA5BY	F5PAC	K9IR	OE3EVA
K4CN	EU7A	G0DQS	G3TXF	LA2PA	ON4AOI
K4MWB	JA2FJP	HB9DHK	I2EOW	PY5EW	ON4IZ
K4QL	JA5WIZ	IK4GME	IK5PWQ	R3VA	PY2NQ
K9CT	JS2LHI	JF3KON	JA3PIS	RA7A	SM3VAC
NI0G	K0DEQ	JH0INP	JA4FKX	W3KX	UX1UA
PY5EG	K5EK	JJ2LPV	JE2LUN	W4FC	
R4GM	K9EU	KU0A	JH1IFS		314
SL0ZG	OE2LCM	KW9A	JR2LJO	317	CT4NH
SP6CIK	SM4EMO	N1NK	K1LD	AA4V	DM5EE
W5FKX	SM5CZQ	N4DW	K6FG	EA2IA	G3NDC
W5ZN	SP5DIR	N4NX	K9YY	IK2YCW	JA2AH
WA1JMP	W6RLL	N8RR	N4II	IK8YTA	JF1PUW
YO5BRZ	W9OP	ON4CD	N5XZ	K2RW	JR4OZR
		R7DX	NY0V	K6YUI	JR9LKE
327	324	SV8CS	SM5KNV	KA9CFD	K1BD
DK5WL	DL5DSM	UA3AB	SP7VC	N2BJ	K2LS
DL2OE	EA5BM	UA4CC	UY5ZZ	SP1MGM	K4UEE*
HB9AMO	I0WDX	VE1DX	VE3EXY	W6VX	K5AQ
IK4BHO	I5NPH	W1ECT	VE3LYC	WX4G	KB0EO
J18DGO	IZ0AEG	W3LL	W6XA	YO3APJ	KC9ARR
N6JV	JA2DPC	W5CIA	W7AO		KG8P
PY2YP	JF1WPB	W5TCX	YV1DIG	316	OE1AZS
SM2GCQ	JF7XKY	W18A		DL5WW	OE1ZL
SM5DJZ*	JH8RZJ		319	GM0GAV	SM4DDE
SP8NR	K0CA	321	FK8CP	HB9HFN	SV1DPI
VE3FF	K5KC	AD1C	JA1XEC	JA2JNA	SV1JG
W2IRT	N8BM	G4CCZ	JE1SYN	JA8EAT	UA6MF
W4UM	OE8HIK	HB9BIN	JH3CUL	K3WA	UT9FJ
W5XX	R3OK	JA0GJJ	J11DHY	K4HB	UX0FF
	SM6CCO	JA2BDR	K6AM	K8YTO	
	SP9DWT	JA3AZD	K7NN	KQ8M	

313	NE1B	DK2JX	SM3NXS	SP2BMX	LA3WAA
5B4MF	RL9F	G0BLB	UT2UB	W0VX	N4TL
AA5AT	SP6HEQ	I5HOR	W1YM	W4QN	SM6CUK
AB3CV	W0YG	IZ8FFA	WA5VGI	W5ADD	UA9FAR
AB9V	W4BP	JA2XW		W7DO	VE3BW
DK2NG	W8HW	JA3GN	304	WD4LBR	298
JA5IU		JH1QAX	DK5AD	ZL3JT	5B4AHJ
JR1BLX	309	JJ3HGJ	EA6VQ		HP2AT
JS3CTQ	DJ5FI	K0KX	F2JD	301	JA4ITW
K5BG	EA8AKN	K2SHZ	HB9DDZ	AA5AM	JL2JVX
K6TA*	HK3W	K3RA	IZ1LBG	AE5E	JR7WFC
LB8DC	JA1EOD	K9MM	JA1XCZ	F4BKV	K8EUR
N8KOL	K8QM	KC6AWX*	JA2ZL	HK4SAN	N5DG
SP3CGK	KX4R	NI6T	JN3SAC	I2MQP*	N8TR
W1GL	NN4SS	NS6C	K8AC	IK4ADE	ND0N
ZS6EZ	NU8Z	OZ4O	KC7V	JA0DIN	NQ1K
	R9TO	SM5JE*	N7US	JA1LSP	OE3SGU
312	RU3QR	W2JU	N9RS	JA2WYN	SV2DGH
CT1DKS	RW3RN	W6ENZ	NN4R	K4SE	WB0TEV
DK1FW	RX3AGD	W7OM	R7FK*	K6RO	ZL1BYZ
EA7TV	UA4LY		UY5AA	KI0KB	
IK2QPR	VE7IG*	306	W5XC	N9AU	297
JA1SYY	WB8BPU	DL1KUR	W7CT	RN3QN	AC0A
JA2IVK		DL6CNG		US5WE	DL4CF
K1HT	308	G0OIL	303	WB5JID	DL7BA
N5ORT	DL2CHN	HA1RB	DL5EBE	WE9R	E73Y
WA2VYA	IK0PEA	IK4PLW	EA3GHZ		HL4CJG
WP4U	JA1GRM	JA0CRI	G3LZQ	300	IK5RUN
YU3AA	JA7IC	JA6WJL	HL3IUA	AA8CH	JE7JDL
	JA9TWN	JH1AGU	IK2RPE	G5LP	K2PK
311	JF8QNF	JH1NYM	K5WAF	HB9DDO	K8GI
F3SG	JL1RUC	K2UU	K7WP	HB9SLO	K8WK
JA2XYO	JR1BAS	K5XI	K7ZA	IZ5RVG	KG7H
JA4MRL	K0GY	R9FM	K9RX	JA9AA	KT1J
JA7JWF	K1AR	W9RN	RL3FA	K0KVR	PY2VA
JH4JNG	K4SO	WB9CIF	RW4NN	K3XA	
JO7WXN	K8OM	WD0DAN	SM2OAN	K8GG	296
PY2XU	KN5O		SP7HOV	K8TL	AA8OY
UR0MC	KS1J	305	SP7ITB	K8VfV	EV1R
YB5QZ	LA7JO	A65BR	W1SKU	KB1JZU	JA2VQF
	OE1WEU	DJ4XA	WT8C	PA3CSR	K6FW
310	R7NW	IW1ARB	ZS1LS	W5AJ	K8VC
I3BUI	SV1CNS	JA1VSL		W6TC	LA8PT
JA1ANR	VA5DX	JA5XAE	302		N0RB
JA6VQA	W2QO	JA9CWJ	DJ5JH	299	PY7DJ
JA7QVI	W9MU	JF2UPM	DJ9ON	CT1FMX	RA3QK
JR6FC	WA7NB	JR2UBS	EA1N	DM2DXA	SM6BZV
K4EM	WA8WV	K0JUH	F5CQ	EW2A	SV9COL
K8FL	WD9DZV	K6KLY	IU7QBB	G3SVD	UA6YW
LA7AFA	YS1RR	K9ZO	IZ2AMW	HB9RG	W9JA
LA9AJA		KG4W	JA1IZZ	JA7BWT	
MD0CCE	307	PA5TT	JG3LGD	JH1SJN	
N1IBM	AC4G	RA9CMO	JG4AKL	KM4H	

295 AD6W DL1DUO HB9TKS HL2IFR IW0SAF K5ZK K6SIK KD3CQ SP8HKT SV1GYG W2GG W5LT W6XK YO2RR	292 AI9L EA5AT G4GIR G8DX IZ3ETU K7ZD N8II R6AF SP5IWA SV2AEL W6SR WA3AFS	XE2CQ	W7BEM WA6F	VE3EK W2AY W4FQT W5ODD W8BBQ	IK0HFO JA2IYJ JA6TMU JH4ALY JR6LLN K1GG K4WNW LZ2JE PY2DS SM5CZK W8LGJ WA9PIE ZS4TX
294 EA6NB HB9BOI HB9CEX JA1BPA JA1IOA JE1DXC JE1GWO JE8CLT JK1EXO K5MC KZ4V N0KV R5DT RU6L SV3DCX	291 G0EHO GM0AXY K3PA K5VIP K7ZV KB8VAO KP2A LA5HE MM0EAX N2TN OH5VT VE3CFK W3RJW W6YI ZS2DL	289 AJ6T DL9TJ IW0HQE JA8EJO JA9FAI JE2LPC JG1WSC JH1BAM K4XD K6ND KK0M N2NL N7TY R0FA UN6T W9YSX YB1UUN YO2CMI	286 4Z4DX AB5A CT3HF DL2VPO IK0XBX IZ8XQC JA1QXC JA5BEN JA7LGE JG0CQK K1LPS K1RO LU8EKC RA0FF UR5EDX W3GQ W5VY W6PJ W8AXI	283 EA6ET HB9CQK JA1RTX JG3FEA JL1XMN K3WW K5DHY K9NW LA8HGA LU4FPZ N7IR N7RO OE8SPW RA1QD S57AT W1LW W6BJH	279 AJ9C HL3GOB JA1FQI JA9IFF JE8TGI JF2XGF UN7LZ VK3HJ W3JX
293 AA4R CU2AP DL1SMA EA3WD IV3YYK JA2CXF JA3RQ JA9GPG JH7RXU JM1FHL K4JAF K9MK N2LM PY2IQ S55DX W9AJ WA4FFW	290 9K2OD AA4A EC3A IZ4MJP JA1JAT JA1KQX JE1LFX JE2EHP LA2QM LA5LJA LU3CQ N9FN PP1CZ SK3PY SV3AQR UN7TW VU2NKS W2LK W3OA W4VIC WB9EEE	288 I1EIS JA1SVP JR1DUP K4MS K9US KD0Q N4RWG N6UK SP9JZU UA3AGW W1EQ W1YIF W2LE W2NO ZS2EZ	285 DL1TRK DL2SWN EA3GHQ IZ8DFO JA2VMU JK1GOK K6GXO K6PJ OE1WHC W8AV WK7E	282 GM3YOR IZ0RVI K5UO NT0V* RD3AW SM4CTI UA0BA W7AL	278 9A4T CT1FCX DL5CW EA8RR F2NH I4KDJ IV3GOW IW1QN JA8LRG K1USA K2UR K3UL K5RT KD0PO VE3CRG VE3DZ W8MHW ZL4TT
		287 9M6YBG AA8LL HB9BAT JA2ATE JA3EOP JE2OVG K0AZ R9SA RM0F SM5ARL UN7JX W1VT W4YCH	284 EI9FBB JA1WSK JA2FGL JA3DY* JG3SKK JH3SIF JN1BMX K0BBC K0TPP K9SM OE5BWN PY2KP SM0CCM SM6CTQ SP3IBS	281 AD5Q E72A EA5OX EI2GLB F3AT IZ8FDH N2WB N5GH N8SNM W0LS W7ZJ W8TN XE1KK	277 EU1KY F5UJK IT9CVO JA0PE JA3ENN JA8EOT K2AJY
				280 GM3PPE HA5VZ	

K8UT	UA3ECJ	WA3C	267	263	260
N5LZ	W0EWM*		4X6ZK	DK4TP	7M4AOE
UT7UV		270	AA4FL	EA3CJ	AB4SF
UW2ZM	273	CT1EAV	JF2WGN	EA4DL	EA8MT
VU2PTT	JA1XPQ	CT3MD	JG8FWH	HA7UW	EA9IE
W3BW	JA2TBS	DK8MCT	JI3CJP	JA7XBG	EC1AIJ
WF2S	JA6BEE	DS1JFY	KB1EFS	JR8AMF	EI8IU
WT4Q	JH3GCN	EA1KY	R8TX	K1KO	FG5FR
	K5PS	F9XL	SM5BMB	K8FH	JA1KPH
276	N4IG	JN1RQV	SM5FUG	KN6KI	JA2FBC
DK3WW	OZ1ACB	K0BJ	W1KSZ	N1RR	JH3FUK
HB9LCW	RW7M	K7UA		W2OIB	K8YSE
IZ5BAM	UR5WA	K9JF	266	W3ACO	LY1G
JA7FWR	W4HG	N4QQ	7K1PTT	WA4LOX	N6MZ
JA7LMZ	W8RLS	PU2POP	IZ8VYU	WB2GAI	N7BT
N5MOA		VE6LB	JH1HHC	ZS6NJ	NN4X
ON4CAS	272	W8HC	JJ1TKN		NX0I
RX4HZ	AF9H	WL7E	K8AJS	262	SK7AX
SM0NJO	CT1GFK		K8ROX	CU3EJ	TG9NX
SM5CLE	EI9JF	269	KQ4AV	I5REA	WA0MHJ
VE1JBC	F5PBM	IK8EPC	PZ5RA	IV3VBM	WA5LFD
W1ZT	HA9PP	IZ3ENH	RA4CA	JA8BAR	
W5GO	HK1MW	JA1OVF	W0FLS	JF1NZW	259
W9FR	IK5PWN	JA1VLK	WB3LHD	JG1OGM	4F2KWT
	JA9FPI	JE3ENP		K2KA	AA9A
275	K3FRK	JP1NWZ	265	K8AV	DJ8NT
EA1AF	K7EG	K0KT	G3WPH	KF2DT	EW1BA
HL2WA	K8BL	N4UOZ	JA4FM	LA9FFA	I5OYY
JA2JRG	KI4GE	NW7E	JO4CFV	ON5UE	JA8BNP
K0GD	LA3MHA	OM4EX	K2CBI	W5ZG	K2UFM
N2JJ	OE5FIN	PE1L	K8DV	W6NWS	K5VWW
N7KA	PA0ZH	SM5FWW	LB2TB	W6RS	K6IPM
N8PW	SV1ACK	W1MK	N5KM	W7LGG	N4JQQ
PA7RA	W1YRC	W4MAY	N9JV	W7QDM	NI3P
W4OX	W2OO	YB1AR	W7MEM	W9PZT	PY5CC
W9MJ	W3AP		WB2BIN	WA3GFM	SM4AZQ
WO7R	WN6W	268		WB8ART	W2FV
	ZS1A	JA1NWD	264		W7AH
274		JK1TCV	4Z1UF	261	W8KEN
DL6JZ	271	K1DG	DF2GH	IZ8IEV	WA1S
EW1KP	4X1RU	K1MAA*	EA1KP	JA2XCR	
IK0AGU	AA8R	K9MBQ	F6DBX	JH3KAI	258
IW0HOU	I1FQH	KD4W	HB9RYZ	K2FW	DK7YY
JH1IAQ	IK2DZN	N2AJ	JA8DNV	K7LJ	HB9IQB
K1DT	IZ8EJB	N5JB	JA8ZO	ND4X	JA9AGN
K3PT	JA0DET	N6TA	JR4LNG	NK4L	JH1BNC
K6UM	JE6TSP	NA5DX	KA1ERL	OM8FR	KH2L
KA8ZPE	JM1HJG	OH1ZK	LA0FA	SM7CQY	OH4UI
KJ6P	K3PU	ON6AA	N1GC	W0GG	SA0AQT
NA5C	KS3F	SM5ENX	PA7TWO	W4UCK	US0YA
OE2GEN	N8LJ	SM6BGG	SV1CQN	ZS6WB	W1SSN
RA5BM	NK0S	W8QZA/QRP	VE6AX		W4LSC*
SV9AHZ	UA3TT	WA1YTW	W5PF		ZL2IFB

257	CT1BWW	DL2RTL	N4XP	K0KG	IS0AFM
AF4HX	DL1HRN	F1ICS	OZ1LCG	K1EFI	IZ8FWN
BA4RF	E72U	JA5BGA	VE3YF	K1PL	JF2VAX
CT1FPQ	JA3VPA	K1SM	W5JAY	K1YR	JP1IOF
DJ0UT	JA3WLN	K4VIG	247	K4JJW	K4RG
EA7SG	JH1VUO	K8CW	HL3DE	K6EID	K7KB
EB3CW	K3SEW	N4SC	JA1DDZ	K8RRT	KV1E
IK2PZC	KI5BLU	N5UL	K3VAT	N1EN	W3ABT
IK4AUY	N4LR	W1KDA	KM1D	OE3HWC	W5DNT
IK8VRH	UA3O	W2JLK	N7DED	SP6A	W5QM
JJ1DWT	W0RX	W4SK	VE3YV	W4REX	W9EWZ
N3VA	W7YAQ	W5GAI	W2GW	W5PJR	WV6E
N6HC	WA0RVK	W8JRK	W8IQ	WA3F	240
N6PSE	253	250	WS5W	243	7K1CPT
OH1JP	CT1BWU	CT1DOF	246	CT1FUH	GU0SUP
PY2MC	CU2DX	EA3EQT	F6ECI	CT3KN	JA1DM
RU1AB	DS5ACV	EI6FR	IV3KFB	DS5TOS	JA2FSM
SV1VS	G3UAS	HA7TM	JA1VRU	G4XRV	JR1WCT
W8MET	HB9DHG	IK0UTM	JA2QXP	JA2EPW	KF0LA
W8MJ	JA6IVR	JA8CJY	JA7HRM	JA7BEW	N0ABA
256	JE2RDO	JL1MWI	K1FEV	JE1HRC	UX5UO
BH4QYX	K6MKF	JR0EQQ	K4KAY	JF1LMB	W0SZ
EC1A	KE1F	KQ3F	K6BV	K4ZO	W8IW
FG8OJ	N7XR	N1SV	K9YC	K8ME	239
IK4HPU	NF1G	OZ4VW	N2DPF	LA9VFA	6K5YIA
JA0KJE	UA0FO	PA0JSE	N3KN	N1API	DJ9RR
JA6GPR	WF4U	PY2FN	W1KMA	N4QWZ	DL9FCY
JH1RGG	YB0COU	UN3G	W3FI	NV9L	IZ1JMN
JH4GJR	252	W7HPW	W3ICM	SV1FJP	IZ2FOS
JM1GHT	DL7UPN	W7IU	W5ZO	SV1FKZ	JA7KE
JM2RUV	G3KWK	249	245	W1BR	K2XF
K0TT	G3NKC	IZ4DPV	AK5X	W8OP	K6EME
M0TTB	JA1BNW	IZ8GGF	JH7BKN	242	N8SHZ
N9ISN	JA8UIV	JA8FFM	JR3UIC	DH2PC	SP6JIU
W9HBH	JF3PNQ	K7XB	N0AH	HL3AMO	W0JM
255	JH1ACA	K9NR	N3RC	JA4ZA	WB7B
AI6Z	JH4CBM	N8OC	N5BO	JH1WJR	238
IV3TMM	JL1BYZ	NA5Q	NZ3O	JH4ADK	EA1JO
JA9NLE	K1ESE	NU1B	S55ZZ	JR1MLU	HB9MFM
JE2DZC	KI1U	OZ5NJ	W6DE	K1CA	JE2VLG
JH4HMG	LA5YJ	SM4OLL	W9JJB	K4PB	JF0JYR
JK1OPL	N6RV	UN3GX	YB0NFL	K7FEL	JH1APK
K1UU	NT5V	W1OPD	244	N2NS	JH3FHQ
K9FN	SM7IUN	W9RC	EA5RD	N6HY	K4QE
KR4F	W2ZI	XE2D	HB9BUN	N6KZ	K9OR
N1RK	W7CA	248	HL2KV	SV1IW	KA4RRU
VR2XMT	WS9V	HB9DOT	JA1CZI	241	KF7F
XE1MEX	251	HL4GAV	JA4VLK	AB5C	M0CSD
254	9A4W	JJ1SKG	JI6IHG	AF5CC	N4PJ
BA7IO	AA6AA	LA6UL		HC1BI	N9UA

W4KA	235	WB2KSK	229	WA9GON	RW4CY
WA4QMQ	EU1U	WD8PKF	AA3LX	WC3W	SM7BHH
WA6JA	JE1IBI	ZL4AS	AE0P	YL2KF	SP6AXW
WB0TVY	K0VSH	232	AJ8MH	226	VE3SKX
WQ6Q	K5CWR	EA1RT	IK2GAJ	DM2RM	WB4KTF
237	K8ZM	JA1RT	JA2OLJ	HA5PT	WN6K
AA7G	N2FF	JA3BXF	JE1VTZ	I0OSI	223
CT1BOY	NW4M	JA5NPV	JK1VXE	IK7FPV	AC9EM
G0VXE	TA1CM	JA6CBG	K0HD	K2BA	AC9O
IW3GJF	W7YW	JH6DUL	K3FM	KB1DMX	AF2C
IZ5YHD	WB8CQV	K0DD	K4CMS	KH6M	EA7DUD
JA0LXP	234	K4ST	KD1F	KK4OK	I8MTQ
JH1DGQ	DF7EE	K5FNQ	KI4DLS	KX2A	IK2RZP
K1RV	DK2CC	KF7PG	N4NW	N2KX	IZ8MBW
K2NV	HB9BYQ	NY2NY	W1WC	N5ET	JA1IAZ
K8YYY	HB9JOE	OZ1IKY	WA1PMA	N6BM	JH1DGJ
N4HID	HS1NGR	RK4FD	228	N9AOL	JR1VAY
SM0MPV	IK0LNN	RQ3A	F5LIW	VK4CAG	K6IPV
VU2CPL	JA1EMQ	W2/CT1GIF	GW4TSG	225	KG9Z
W2XI	JA8XQI	W2YR	JF1RYU	DK5RL	KI6CG
W8UN	JK1BSM	W3FOX	JH1ERJ	DS5DNO	KW4V
WA0ROI	K4MF	W6CYX	JH2PWY	EU1M	N1NU
WB8B	KE5FXE	W9ZCL	JR7GBL	JA3QOS	N2SQW
WB8ZRL	KE8UM	WV4TN	K1XV	JH1UBK	N4ENE
XE1RBV	N4HB	231	K4JC	JH8NQV	VE7TK
YO3JF	N4OA	AD5WB	K5FZ	K0OK	W4PNY
236	ND4V	AG1A	KS4S	K1JIU	W7IB
FG4NO	NV4B	G3KMQ	N6PM	K5YU	222
HB9ZS	S51NM	HL2ZN	PY2GG	KA8SYV	AA0MZ
HL2CFY	W3WST	IW7DVM	RA3QUA	MU0FAL	DJ9SO
JA1HOM	WA4CEM	JA1MZL	W2DXE	N9SF	DL5XL
JA1JYE	WA4JQS	JF2WXS	W9FI	SM3LGO	E77S
JA3KNN	WA5UA	JH0AWC	WB8K	W3MR	IZ7AUH
JK1UNZ	233	K2SN	227	W5GZ	JA9NFO
JK1WSH	AA9GR	KD6UO	DL2RUM	W5TFW	JM1VRW
JN1NOP	AJ4A	NA4EA	G3VPW	W8UV	K2AT
K1ACL	CU3EQ	SM7NDX	HL2EIZ	WE4S	K6ZZ
KM3J	EA4DEI	W0QQ	I0MWI	YO9FNP	KJ7TEA
KM6HB	I0JBL	W4UDH	IK8UHA	224	OZ7FOC
N4GN	JA4HAW	230	JA0DWY	DK3PZ	RA4P
N6IE	K8BN	DK6OR	K1GE	EA7QW	W6AER
OE2BZL	K8EAB	F6HLC	K1KA	JA3FHL	221
PA0TCA	KJ7M	G3LUW	K5GH	JA8NFV	E21EIC
SV1HEP	N2NW	J11VVB	N4IQ	JO1LVZ	EA2AAZ
W0HBH	N9BX	KB9DAK	N6OJ	JS6TWW	HI8RD
W2TB	NE3F	N0RN	NF4A	K1CBK	J11NJC
W4GIW	PY5IP	W5DM	W5SL	N3RW	JR7FRW
W9OO	SM0XBI	W8WVM	W6DR	N7WO	K5DV
WY6N	W2NRA	W9YE	W8GNM	NH6T/W4	KK9H
YB2TX	W6RW	WB2NPY	WA2USA	OE3KLU	KU4XO
	W6YOO		WA8MCD		

RU0SN	WA2NPD	N8NN	JA1BWA	JR3VMJ	N8BJQ
W4DEE	WC4H	RN9N	JH3GFA	K0THN	NA2AA
WB0O		V51B	JJ1BMB	K2PF*	NA9Q
	217	VE7BV	KU4BP	K4CGY	W9DX
220	AB4UF	VK3NX	PY2RO	K4WES	WA3WZR
AA6RR	DH0GSU	W0FG	SM5AOG	K5RJ	WA6G
DL4DW	EA5B	W0TT	SP5LKJ	KS4YT	
EA5DFV	JA1FJJ	W1JGS	W5DAW	LB5WB	205
EI9FVB	JA2NNF	W2PP	W5GA	LB6KC	CU3AN
JA6AVT	JA7ZP	W4IS	WK4Y*	NW6S	DL4LAM
K1DJ	JG5RVQ	W6SL		OH7TV	DL6UNF
K4EU	K2HAT	W7JY*	211	W5FPT	HB9BNQ
K4MIJ	KB5UNX	WE1P	JA3LDH	W6WF	JA4DHN
K5MT	N6QI	WV9L	JJ1KZZ	WX2U	K3WWT
K6MM	OZ0J	WW8W	KD2T		K4YYL
K7AWB	SV8DOU	ZL2AL	KT2C	207	KE6V
K9JU	W0TM		N1BY	9K2BM	N9KW
KZ9DX		214	VR2XLN	G8AJM	OH2IS
NA5Z	216	DJ3AS	WA3I	JE2EBT	OH3OJ
ON4ATW	CX2CC	EA5AR		JF1WLK	UN9L
PA3BWD	DJ3XG	F4GVO	210	JF2OZH	W7HR
SM0DSF	G4VMX	I5XFD	JA1OVD	JH2VVH	W8BLA
UR4IOR	HB9CXZ	JN7DOS	JF6XQJ	K9FZ*	W8FIB
XE2X	HB9DQV	K0QQ	JR2PZX	KE1VT	W8LMG
	IZ0NRG	K2AZ	KD4SN	KK2M	WA4MME
219	IZ1JLG	KB6CIO	KD8RQE	KV4T	XE1J
F5JSD	JA2VHO	VK3BDX	KE4UW	M0IKW	
HL5BMX	K3NQ	W0KCJ	PY2WC	N9AKR	204
K5JZ	K7LV	WB6BFG	S54A	OE1JIS	EA2AFV
K9ZM	KK4OW		W5THT	ON4ANN	HB9DVO
KG6I	KR4W	213	W5WP	RD9M	JH1OBS
KI7AO	NC4RB	9A1AD	W7FP	SP7ICE	JJ6DGP
N1KC	PS8ACL	AG3V		TF3DC	JR0QFA
N6DX	W0SR	DK3UA	209	VK2CA	KB5HC
NA9RB	W9MO	DS3HWS	7J1ADJ	W4GE	KM9E
W6GRV	WB3D	IK1IYU	AH0U	W7NN	KV4AA
	WS1L	IV3FFI	K0VM	W9QO	KW4CQ
218		JA0EVI	K5ALQ	YB0MWM	W4GP
DL2NOM	215	JA1FVS	KB4MRX	ZS1J	W7IV
DL4NBE	9H1EJ	JA3NHL	N0ODK		XE1L
DS4AOW	AA7XT	JR1EFG	N6PEQ	206	
HB9EFK	G4FKA	K2RU	NE6I	3A2MW	203
I7PXV	IZ0BVU	K4JWA	PU1KGG	HB9CRV	F5NBX
JF1MTV	JA4CZM	K9GA	SM5BNK	IZ4DIW	IK2RGT
JJ1QUV	JE1PNX	LA5SJA	W3BJ	JF1IRW	IZ0BTV
K1NTR	JE2UFF	N8GP	W6DCK	JH0BQX	JA7JPZ
K3EA	JH0OXS	NA2M	W8HMK	JN1NBU	JH8NBJ
KE3D	JH5HDA	VK3FM	WB0ULX	K0MN*	K0CS
N4JT	JT1BV	W2KA		K8NK	K4JKB
TZ4AM	K2XB*	W8WEJ	208	KF9UG	K9OW
VU2CDP	KF4NEF		DL8SDC	KK5OQ	KA1DJ
W8CZN	KR6C	212	JA1PBV	KK9T	KM7R
W9KVR	KX4TT	G4ZOY	JH0NOS	N4TOL	N3PS

N4TV	AD4AA	N2GZ	JA0AXV	K8ZT/QRP	W8RV
N6PAT	JH0RVY	N3QE	JA1QIW	KD0AA	WA5IPS
W5RF	K3SX	NA9A	KB2FCV	N3AIU	WB4DNL
WA3FRP	K4SX	RC2A	KM1C	SM7GIB	WZ4RC
	K4VNY	SP3F	SM5ELV	W9ROG	
202	MU0GSY	SP5MXZ	W8NN	WB4GLI	185
AA9RR	N2RR	W1MJB		ZS1DX	G1VDP
DF3EC	PB9FN	W6HYI	192		K0KP
IK5BOH/2	V51YJ	WA0WWW	F6FYD	189	K3PP
JR4LZX	W6JZ		IZ7GIT	HI3T	KE5BR
K1NJ	W9RXJ	195	JA0CIU	I0LYO	N4HN
K9TF		CT1ELF	K5IB	IV3KCB	UN7BK
K9WX	198	IZ5FSA	K6XN	JA1SGU	VA7ZT
N8WD	DJ0MCH	JA2NDQ	K9SG	JG1SWM	W2WG
NU1O	IV3BSF	JA7QQQ	KE0A	K6JAT*	W6RKC
W1AW	JR1IZM	JL3OUW	KJ4UZU	K6UXO	WB5NHL
W1DYJ	K0GW	K4KEW	KJ4YLO	KU8X	WC2K
W3NS	KA1J	KE4S	N4XYZ	KY5I	
W4RDX	KC6JAM	N3XM	N9JR	RM3DA	184
W7TUS	N4FN	OH6NIO	UR3EO	RN3CT	AD6ZJ
W7VY	N6ZN	SQ7FPH	VA2IG	SM4BZH	DS4GKF
WE2N	RA3BL	UR5FEO	WY1G	W6DPD	EA5RU
	W6SHY	W3SB	YB1TQL	XE1FAS	HP2NG
201	WA2VQV	W6KK			IK0HBN
AA8SW	YL2TW	W9LN	191	188	IK0WRB
GI4OWA	YV5LI		AA4NC	EA7AN	IT9ODQ
JH1IED		194	DG5LAC	JA0GCI	JH1FVE
K0MFI	197	A65BD	DL4FAP	JK1AJX	K3JM
K4YJ	4X4MF	HB9ESS	HA5CW	JP1GUW	K3NF
KK1W	BA4TB	HB9VAB	K1RI	JR0AMD	K5RKS
LA9GX	EA1DLU	IT9AAI	K8QKY	K1JD	KZ1W
RT5A	IV3AVQ	JH1OCC	KO6KD	K2DC	M0HIH
W6AEA	IW9DNI	JH8UQJ	N4DWK	PY2RN	NW7M
W9IL	JJ2WOC	K1LT	N7MQ	WV4V	SM2EJE
	K8SIA	KP3AH	OZ7DN		UN7BY
200	KI4WCQ	KR8T	VR2CH	187	UT7KF
HB9AGO	NG7M	NJ3K	W5LO	IK8GJR	W6BK
HB9IIO	W1FA	NJ7G	WF1H	JH7NTW	W7IUO
IZ8EKL	W4DAO	SP6EY	WI8R	SV8CKM	WB2HJV
JA0KJD	W4HZ	W4DC		W5ZE	WB3BFC
JA3EY	WQ5R	W5UHQ	190	W8UQ	WB5STU
JE2KSM	XE1H	W5VQ	AA4U		YB1RUS
K2TER		W7PAQ	AC4VM	186	
N1IA	196	WA1NXC	BV1EK	AA4LR	183
N4TD	AD8P*	WW2DX	DJ9KV	G4XEE	JA2KSP
N7ELL	AG5W	ZS2Y	EC7B	JA2MNB	JE4CIL
N9PGG	CT3CD		G3WW	K5QX	K3SF
PY3VB	G7SSE	193	HL4CCM	KC6X	K6LRN
VK6LC	I7LGM	7L4VYK	IZ0GYP	KK0DX	LU4FW
	I8YAV	AE4CW	JA2ITK	N6MXU	NA2U
199	JA1XRA	DH3KM	JH8KFE	N6VNI	W3ML
AA3TH	JH1OGT	I1YDT	JJ2UDK	NU4B	YB2TS
AC0X	KZ5DX	IZ5MOQ	K7UT	W4WN	

182	DL5MHQ	W4KVS	WA4BIM	WA4DOU	JP1LRT
I5FLN	K1RH	YB1TJ	WB0N	WA5KBH	K1VI
I8LWL	K4WZ		WC0W	WI7P	K2SY
JA7FAS	KE5TD	176	WQ5T		K4KGG
JG1JPE	KJ6NZ	DL6NW		170	KF0RQ
JJ1CQA	KZ2R	IK0CHU	173	4X6KJ	KM4VI
K7LAZ	N3KV	JA1ERB	AB6CF	DL2JIM	LU8ADX
KG4JSZ	N3ME*	JR1FHP	AI9U	EI5KO	LX1CW
KK8MM	NW7US	K5DCW	HB9FBG	EI6AL	N4ST
KL7TC	NY1V	KK7YC	HB9HVG	JA1BON	N6MB
LA5LT	SP5ELW	KT8D	K5ZQ	JA1GVT	OE1ALW
N8NA	W0ZS	N1JP	K6UNE	JQ1YIW	PP7LL
N8NB	W4CCS	N2MEE	K7PT	K1ZJA	R4FAN
ND3L	W4TUN	OZ9XU	K8JE	K6JJ	VE3YXO
ON6KE		VE1VOX	LA9VBA	K7CU	WX0Z
VK5GR	178	W4AEJ	N7HN	LA2GH	
VU3CAU	EA8AXT	W4LEW	N9DR	N4VN	167
W6SFK	G4DDL	W7WZ	NX2X	N5PA	JA3AVO
WV2I	I4UUL	W9WO	OV5O	N6EM	JA8BOV
WV8DX	IW0BYL	WA3GNW	SM0EUI	N8VV	K1ROA
	JA3UNA		WY7FD	NK7C	KB8NTY
181	JJ1WLL	175		NX4TT	KE3X
IZ4AIB	K0NV	AG5CN	172	OZ3SM	KH6XT
JH1FNU	K1ZE	JA0LFV	EI1DG	VE1OP	KN7D
KY6R	K4GO	JH6RTO	G3SBP	VE2YG	N1ZJ
N6NU	KR2Q	JO3WHB	JA7DPC	W0OGH	N4SV
N6VS	KU1T	KD4POJ	JA7FVA	WA4USA	N7VPN
N8HRZ	N2ZA	KF6HI	K5TA		PY2SEX
NV4A	VU2LBW	LZ2ZG	KC2SST	169	WA0SXV
UA9AEU	W0PE	N6DHZ	LZ1XL	DM3CW	WA5NFC
VU2IBI	W7HUY	N7NG	N3AO	JE1PHH	WB8BZK
W2OR	WB6AXD	NS3L	OH2LHE	K3VAR	
W6TK		UA1OM	SP5ES	K4WY	166
	177	UA9AGX	YB4IR	K9OT	AL7R
180	4X6UU	XE1R		KF9AF	DL1SVA
A61BK	IU0ICA	YB0DJ	171	KI2D	HL4XM
AA4AK	JA3EEM		AD3C	N5MT	JE3PCP
JH1IZR	JE4RAL	174	CT2GZE	RD3BD	JJ1BDX
K0IL	JF1LZQ	AG7N	DL5MM	SM7WVZ	JR6GHN
K2SD	JG3KLF	DF8FT	F9CI	SV1IZY	KN4FO
K5TN	K0EEO	DL5KUA	IK3GBG	W0AIH*	KR4BD
K8SL	K3OX	JA7JM	JM1SZY	W2CG	LA7EIA
N4MIK	K5CD	JK7LXU	JS6QOM	W7IAN*	SV2CLJ
NA5S	K8YE	JR3TOE	K2MK	W7VAS	W4PGC
NZ5O	KF4VTT	K5CR	K2TV	WA4NUF	W8SAX
VK2HV	KP3V*	K9HQM	K6ZP		WA1ZIC
VR2XYL	NA6MG	K9UQN	KB0V	168	WB3JFS
W1LE	NC2Y	LA6OP	KC5LK	A92IO	YO3AIS
W4DSM	SM5CBM	N4PYI	KP4DKE	AA5N	ZS6IR
W5SUM	VK2AAH	N5QS	KW9U	AG4Q	
	W0IKD	NN5E	N8WRL	EA5HM	165
179	W1AO	VU2DCC	NA6O	EW1P	AG6HE
AF6PK	W1OP	W5WI	W0MU	JH1ORA	CU3HN

EI5JL	KE1B	JA1UOA	K8GWU	K2DF	W8VK
IK0XIH	KW4MM	JR1CAD	KB2XJ	K4EZY	WB4SON
JE4WOK	LA1CO	K5VR	KC4HN	KQ4EE	
JF1KML	N0AMI	K7LY	KF7NN	M0IFT	152
JK1DDG	N7KDT	KC9K	KJ7NO	N7WS	5P5Q
K2AX	R3IS	KF2OG	N4XXM	NO9E	AC6BW
K3VPZ	SM7CZL	KL0S	W8LIG	OE1HHB	BX5AA
KG4CUY	VA2LC	KM4NS	WB2RAJ	TF3JB	DF2WF
LA2XPA	W1OK	N0IW	WT2P	UT7EC	DU1KT
N2RJ	W1XV	N4MEC		W5SV	G4AFJ
N3KS	W8MIL	N5WA	157	YB1AYO	IK5BSC
RA0BA	YO3DDZ	N8IL	7N3IJT		JG2LGM
SP7QHR	YO3IPR	NI5F	AA3AZ	154	K2EK
VK3TC	YO4AUL	SV1XV	E20YLM	AJ8B	K4RDU
WB2WPM		W1ASB	EA3HDZ	DK1NAL	KD2OV
WB9PNU	162	W1TO	EI2JD	DS5WQT	KE9S
WF8R	BH4IGO	W9FF	JA3MHA	JA0GZZ	ON4LG
	DF2UA	W9NIO*	JA4FKO	JA4HXF	R9JX
164	DJ7JC	ZS6RJ	JM1ESG	JA8ANQ	W6RFF
AC4BT	DS3EXX		KN7Y	JH1AQN	W8FN
CT3DL	EA2AGV	159	KW1DX	JH7WQX	WA6EZV
DL7JRD	F4WDL	EA1P	N4MI	JK1BIB	WA9IVH
EI6IZ	HS8KAY	F4DSE	N6MM	JL1GYZ	YV4DYJ
IZ0GVZ	JR4CZM	IK0WMJ	NP3CW	JR3QHQ	
JJ1JMZ	KA1API	JA0ED	PY1NS	N7JB	151
K6CF	N4BAF	JA3PRM	W4NBS	NE5W	4O3A
K6GFJ	WA7BNG	JK1EBA	WD8KND	SM0BYD	AA4UC
KD8MQY		JK1JAS		W4CIR	AB2E
LB7ZG	161	K0IO	156	W6FL	DF1IR
N2XQM	HL3ERJ	KB7AK	DK8IZ	W8TM	DL4KUG
NA2P	JP7FSO	KW4J	EA3HPX	WA9MAG	JA2BUR
PT7DX	K1BZ	LA4JGA	F1RAF	WN7J	JH2NWP
S50B	K2CYS	LA8ZAA	G4AYU		K4DET
W6SIY	K2OP	N1MD	GM0VRP	153	K7LAY
WA5CMI*	K4AR	NE5S	GM3WIL	HB9BEM	K9AAA
XE1YD	KM4A	OT1A	JA2ODB	JA3UOQ	KE4BKL
	N7QT	VA3NXM	JA9RT	JR7MAZ	KE8G
163	N9LEO	W1EBM	JH2AJY	K0COM	KK4CLY
AA4OC	NA6XX	W8QXR	KA9OKH	K0LB	LZ2XF
AA8KY	OK2ZDL	WD5BJT	N4QM	K3HW	N4AA*
AE4M	SM3PHM	XE1MW	N7GCO	K4OY	N7MB
AI4QQ	W5BK	ZS6C*	N7RD	K8ROK	NU4I
DS4NPL	W5RDW		W1MR	K9MMS	SM0NUE
EA1AZ	W6DOE	158	W5JMW	K9YZ	VA3EJN
F4CPF	W9GG	9J2BS	WA6QGH	KK4XL	VA3HP
HA5BSW	YB2DX	F6KOP	WB4YDL	N0VVV	W3HER
IU8IYE		G4SGX	ZL3RJ	N2ZZ	W5WLA
JR6LDE	160	HK3PJ		N7NW	W6WA
K0ABC	AC0DQ	IK3DVY	155	N7WI	WA9JWL
K0CF	E70T	JH3EQP	AB4GE	NC7B	WC2C
K4GN	EA1WH	JJ1KXB	DK3QM	OH3FVP	
K4MV	HL1VAU	K3DFL	IV3TDM	SP5NON	150
KD1AB	JA1ITJ	K4HQK	JR3ADB	W4DTA	DK3BK

DK3FB	K8ZZU	WA5NOM	KE4FW	WK8A	JA1PVX
HB9EBM	KA3GWD	WW8RT	KG6D	WK9U	JA1VRY
HB9MXY	KL7TS	XE2B	KJ4R		JJ1OKK
IT9ABN	KM2O	YB1BML	KM4HQE	140	K2JL
IT9IPQ	LZ1MDU	YO2DFA	KN7K	AD9DX	K2RET
IZ2MHT	N0TK	ZS6UT	LB2TG	EI6JK	K2YSY
JA6SUY	N3ND		N1QY	EI7GY	K3GW
JA7GZM	N9ATF	145	N2YBB	EI7JZ	K6CW
JG1GJH	NJ6K	5T5PA	N4UP	EW4C	K9UWY
JG3RWX	TF3Y	AA5TL	N7ZA	HB9GWJ	KC9G
K1QN	VE6TL	AL7TC	OH3PYY	JG1RYQ	KF6A
K5HK	W4AG	EA4S	TF4M	K0UBR	KU9S
K9RT	W9MAK	IW1PUR	TG9AJR	K4TXJ	M0MCV
KI7M	XE2YWH	JH1CTV	W4UFO	K6EV	N3PV
N6JOJ		K5FXB	W7VS	K7VC	N9XX
N9IO	147	K8WHA		KC3AK	OD5YA
NG9J	AB9KZ	KQ5M	142	LA8PDA	OH3DP
ON6ZV	EI3CTB	KS0M	AK9B	LZ2HM	PV8ABC
VR2MY	G3VQO	N6KK	DL8DWL	NH6L	W0UHL
W3KB	IS0/YO3RA	N8TFD	JA0MRW	NZ9Z*	WA5POK
W4NE	JJ0LZQ	PT2ADM	JA1PUK	W3DIY	WA8LRW
ZS1C	JK1OTP	W2RS*	JH6PFY	W5VU	
	JL6USD	W7NP	JI1UHZ	W9BS	137
149	K0PC	WB9B	K0SRL	WB1ASL	AD0K
7N2JZT	K3GGN	WR7Q	K3GT	WB8EKG	DL2RD
DS4DRE	K4NTO		K6TAR	WW6G	EA7LS
ER0FEO	K5UZ	144	K8MRT	YB3MM	G3PSM
JA7MAD	KB7QFE	AD0TR	KA6BIM		HL1MKT
JS6SCC	KB9LIE	DL6DCD	LA1J	139	JA4DNC
K2KIB	N8JS	G0THF	NF7D	AA4DD	JF2RSF
K8SMC*	SV8RX	G4FTC	NN9X	F5VML	JF3VEC
K9EXY	W0QC	GM0VIT	RL3BZ	HB9ARK	JH1SBE
KM2E	W3NRJ	JL3DGI	YO8CRU	HB9DTE	JQ1PCX
KP4DS	W9GM	K1TKL		HL4CBX	K0KV
N0LGU*		K4SAF	141	JE3OUW	K2CDJ
N0STL	146	K8OS	7K3QPL	K0QB	K2RKJ
NE0U	AE5B	LA2IR	9H1AE	K9QJ	K4AU
NO0B	G3LAS*	N5UE	AC9S	K9TRV	K6EGF
OZ1HPS	HB9HHH	NZ0O	EI3ISB	KX4I	K6IRA
PY8WW	HP3TA	RN0C	HB9EXQ	N0CKC	KP4N
RT0F	JA3KWZ	UY2UZ	IZ0FUW	N2SG	N2KI
UA9MC	JH1BHW	WB9W	IZ3XEF	N5FEE	N4KM
WA1EHK	K6NR		JR3PKO	N7NF	N5HHS
	K8ARY	143	K1XE	R9MJ	N7VZ
148	K8POM	AA4MM	K2HT	WB8QZM	N9NFT
4F3BZ	KB9AIT	AF3X	K2JK	ZL3TE	NU1T
A71AM	KD3HN	EA4D	K9AAN		OE3JAG
J68HZ	KM8AM	HB9AAA	K9AQ	138	PY2CP
JA4GXS	N6RK	JA1MOD	KA5VFU	DL5KUT	SM5CSS
JF2AIJ	SM3DXC	JE3FOR	KC1ERO	DL5ZB	SP3EPG
JI3BFC	VU2NXM	JR7ILA	N1BCL*	G0FWX	TA1AL
K5EWS	WA2MUA	K7QBO	W1NA	HB9DVZ	W2GGY
K5LY	WA3SKQ	K9BQL	W6HDG	JA0CVC	W2NY

W4UEF	IZ8DEO	KX5U	OZ6TL	W6IS	KC5RR
W5GOL	JA6GXP	M3DFW	RC3FL	W8BI	KK4CB
W9CSX	JR0GXA	N3TR	W1MO	W8WV	N5HC
W9MR	K3KY	N4EDT	W6UC	WA4UWD	N8YQX
WA0WOF	K7FL	N4QOG	W9CTJ	WC4V	NX8Y
WG0G	K7YZO	N5RN	WB8RFB	WP4CQ	OH4KRN
WS1F	K9SUH	NN3V	YB2IQ	WQ1H	PY2OP
	KA9JCP	OZ3SK*	YO8PS	ZS6AKU	VE3TMG
136	KD2SC	SM7DXQ			VK2DAG
CT1ESO	KN4OK	TF5B	129	127	VR2VGM
EA5KA	LB5GI	UW7UA	AD6KQ	7Z1HL	W2KNG
IS0EBO	N6XT	VU3WEW	AE7U	AG4TO	W8VI
K7STO	NJ1Q	W3KHZ	JA0AVS	DJ5DT	W9COS
K8CQ*	SM3WMU	W4MC	JA1PLT	DL9GTB	WA2BOT
K9UO	VA3OKG	W5FL	JA2ACI	G8BCG	XE3E
NT5EE	W4UAT	WA1HXX	JA3WMS	HK6K	
ON5GF	W5AAJ	ZS1EL	JH1RFM	I2YPY	125
TF3VS	WB1DX		JN1SUT	IK2ULM	AC4XO
VE3FRR		131	K5SES	JA0BES	DM5JBN
W0ANZ	133	7L2QAD	K7ORK	JE2VYM	EI8GS
W4GH	7J1ABD	DM6MA	KB4KBS	JG1LRE	G0OSK
W4PGM	DL8OH	EI5GM	KF9LI	JH1HRJ	G4EHT
W4PV	GM1BSG	GM4KHE	KJ2U	J11MNT	IK8PGE
W7SX	HB0WR	IK1UGX	KO4PRE	K0ARM	JH8FIH
W8OM	HK4EB	JE4KCN	N8BK	K3WGR	JP1GVC
	JE1COB	JK1NPH	N9AVC	K7LFY	K5NOF
135	JM1JIV	K2WJ	NN2D	K9BO	K8YAH*
AB4FH	K9JDP	KA5IAU	PY3OG	KB8KIM	KK5J
AC7JM	KC2STA	KB1HY	SM2YIP	KF3N	N5ZC
AK5Q	KG6WIK	NM1G	VK5CE	LA2LI	NA7RH
EI2HY	KI4TZ	NN6K	W4MA	N0AB	NN6CH
HZ1GW	LA9KY	PT2ND	W6RJM	N3GTG	SM5AFU
JA1DCK	N1BKB	W4EJG	W7TG	N4GBK	W0XE
JA3MIO	OH7HM	W5EC	XE1ILI	NA1RL	W4AO
JA7MWC	VU2ABS	W6OUL		ON5EQ	W5CWQ
JH1SOD	W1GY		128	VE3EDY	W6PG
JJ1HLL	W1ITU	130	A71XX	VU2MSA	W9EBO
JL2ULM	W3MF	AA4QE	DL9SAD	W0MF	WA4TMJ
K4OP	W9SE	CT1HHP	EA1AHA	WB2KSP	WM4AA
K5VG	WB9ZNZ	DL1SWN	EI3IO		WR2G
S53MJ	YB4CHP	I4JEE	HL2DBP	126	
TA1PB		IK1ZNM	JH1AWJ	CU7AJ	124
W7QHE	132	JA2LMY	JN4FNZ	EI4HH	AA5H
WB3AVD	AK3E	JH3PRR	K6OJ	G3XLF	DJ3EJ
WB6FWS	AK6I	JL4BSE	K7PTC	GM7NZI	EC4KW
WB9IWN	I8NLC	K0BX*	K9YKL	IK4TVP	EI8IQ
WO5I	IW5EIJ	K2MHE	N0JR	JA5CDL	G4RGK
	IZ0COI	KF5WCP	PU4MMZ	JA5XPD	IT9YOZ
134	K4BNF	KN4JX	R3BB	K5KDX	IZ1UKF
AB0RX	K4WM	N2YF	UR9IDX	K7PO	IZ5BYJ
AB1J	KG8OU	N7TM	V31CQ	K7YMG	JG3KMT
DL4ZAB	KI7HO	NS4F	W0QD	K8GT	JH1XFR
EA6AZ	KK5ID	NU4Y	W5MF	K9QA	JM1LPN

K0RAR	122	N5ZY	VE3QAA	ZS2I	RW6MBC
K3SUI	AA0BH	N7TW	VR2ZXP		SM1NJC
K6VVK	AA5B	NA2R	VU3RGB	117	VK6OZ
K7HC	AB5YI	NY4G	W1RG	AD7L	VR2IL
K9ARZ	DB4RG	OZ6EI	W5RYA	CE3FZ	VY2RU
KB8DID	F4GTB	TA1L	W6GJB	DL2VWR	W3IZ
KC4AA	G0HSA	UA0FDX	WT5L	F8EZE	W3MRL
KD9ZR	HC1HN	W0DD	YB0AZ	IS0BZR	W7KKC
KS4WA	JA9ALR	W2ARP	ZS6NK	IZ7QFN	W7QC*
N0YO	JR1HYA	W3/NH7C		JA6SQR	WA4VJK
N1HO	K0HQW	W3JXP	119	JM3GXU	
N9BVA	K0MD	W4CC	AA4FU	JR1KBJ	115
NT4K	K4VAC	W4KCM	F5BAR	K0FF	AA9WO
W6ELI	KA5SYP	W5UQ	HL2MHU	K4AEH	AI5EG
W6ND	KB4ET	W7PC	JA6JYM	K9LCR	E74A
WW5L	KN9N	W9MB	K4RM	KB2S	HL4RBR
ZL3REX	N1ZZ	WA7HQD	K7LOL	KB5CSQ	IW2FLB
	N6VH	WB7BBQ	K8EB	KD0KZE	JA0NPQ
123	N7UJJ	WQ8T	LU9DO	KO4PY	JA1UBZ
AE5FM	N9ATD	WT3Q	N8LCU	KP4ED	JH8LEY
DJ6OZ	SV7CUD	WU9D	SV1BYI	KZ1X	JJ2VLY
DS4DBF	UT9LC		SV2KF	N8AGU	JM1JZN
G6NHU	VE3FAC	120	W1ZK	VE7NY	K8CR
IK0XKP	W0JMP	AA2T	W5IO	W3DQS	K8RCT
IZ8LMA	W1ES	AC4TO	W6ZPL	W3LWH	KB4CRT
JA0PZJ	W1HEO	AE5LK	W8EOG	W4ARK	KB7V
JA1GLE	W1KKG	AI2S	W8PAT	W4DWS	KG4URP
JA2HOL	W5HNK	CT7ABD	ZL2AO	W4PG	MM1PTT
JH1RVQ	W6HB	CU2CE		WB9WHQ	N0TR
K2JGL	WA5YOM	DS3DNT	118	YO6HOY	N7PIB
K6LPO	WA9DU	DS5QLJ	6K5AQY	ZL3PAH	NA4MM
KD4EE	XE2MX	F5AQB	AE1T		NE1RD
KI0HA		IK8IPL	DJ9KM	116	NI4Y
KM4CQG	121	IT9JPS	IZ0RPS	AA0FT	NW6V
KO8SCA	AD5MD	IU8GNY	IZ1JIZ	AB4BJ	OE5MPL
LX2SM	DD0VE	JA0JPD	JA6CMQ	EA5GXI	W3HKK
N6DVR	EA3NG	JA1DCO	JM1CMA	EI4BZ	W4BH
N8AYY	HA2EQD	JH5OTE	K0PX	G8GHD	W4OV
N9RE	IK6BMU	JJ1XVA	K9KJS	IZ2CSX	W5WS
NT9F	JA1CPN	K9CHP	KA5JSM	JT1CO	W7FI
OH3TY	JA1EYN	KC9WPS	KB3KJ	K2GLS	WS4H
ON6YH	JA1WTO	KD5R	KD3UY	K4LCP	
PY2ADR	JI5WDC	KJ6Y	KD9BIE	K8JRK	114
SP9IZV	K0YL	KM5VI	KG5VK	K8MN	G3CWW
VE3VHH	K1EDG	LU3XX	KX6C	K9GWH	HC1HC
W2WGK	K1LTJ	N1TQP	LZ1XZ	KB8ZUN	I0BJV
W4UT	K3CWF	N3DV	N2ADE*	KC1RET	IZ8EYN
WA7HR	K3HPA	N3GS	N3HYB	KD5RBU	JA1CPU
WB8TGY	KB3IFH	N4PGL*	N4ZY*	N0UCR	JA8EIA
WX3P	KG5NP	N4UFP	N8KUS	N1GFV	JE6PJP
YB9WZJ	KK4ODQ	N8IK	VR2CC	N2ZL	JG4OOU
	KU2A	NR2D	WA8RCK	N4KEB	JL3RNZ
	N3ER	PP2FN	WB5TOI	OE6CLD	K3PL

KB1W	112	PT7CB	JA5GOJ	KE3ZT	RM6LW
KD2NF	3C3CA	TA2RC	JH4GNE	KE7AUB	SV3EXP
KI8AE	7Z1CQ	W2FDM	J11ZS	KI4SFT	TA1CQ
N1AH	DS3EXT	W5GCX	K0FD	KN4WOJ	UX5XK
N3DD	G0DTX	W7WT	K2OO	KO4XI	V31MD
NA1DX	G3YFE	WB2UFF	K6JAD	KR4Q	W5HY
NG8T	GM0SCA	WB8PKK	K9JE*	KW1X	W8JA
NK5K	IK4EWN	WU4B	KB7DT	LU2AH	WB2MKX
W0QKL	IS0BQE		M0AQM	N2IFA	WM4W
W2ZK	JA4RED	110	N4LS	N3YZ	WU1U
W8LR	JF2OHQ	AC0B	N6RVI	N5FPW	ZP6CW
WD0AJG	JF3AHI	AF8C	NN8L	N5TW	
WN0L	JH0LME	AG5Z	NW6R	NZ6N	106
XE1EE	K0XM	CT7ANG	NX1P	TF3MH	AB1NS
YB2BNN	K4HEB	DK4MX	NZ3M	VE7VV	AB6WQ
ZS4JAN	K4ZMV	EA1BLA	PF7M	W4DVG	AC5AA
	K7RAN	EI9HX	PV8DX	W6CN	AC7DX
113	K9KDS	G4VWI	SP7ASZ	WB1S	AC8IL
AC9GK	KH6P	HG6IA	T88UW	WB5ZAM	DS2GOO
AK0A	KK7BR	IZ1EPM	TA1UT	WC4B	EA3AGY
EA5DPL	KS0JD	JF3KOA	W3ATV	WF7T	EW4DX
F5EOT	KY6AA	JH1FRW	W3GP		F6FHZ
F8GB	N1GNB	JH1IY	W4JDS	107	G0OJG
G0UII	N8AID	JR2PAU	W5SG	AB7RW	G0RPM
G4NAQ	NK7Z	JR4DHK	W7CB	AJ6V	G3LPS
G4YCS	NQ4A	K3MSB	W8MSP*	BG8PA	HI7SB
HB9GZE	S51DV	K4KAL	W8PE	DJ5FZ	JA3AOP
JA2CPD	W1FC	K4RP	WT9U	DK2GP	JA3FRI
JA4CSJ	W1HQ	K5GZR	WW5RC	E73D	JA5IBP
JA5SEY	W3WN	K6DJ		EA2BFM	JF7NNI
JH1GNU	W4AFB	K6SLO	108	EI5GSB	JG1XBM
K1JKR	W4LLP	K9TVG	7M4CLF	G4NBS	JJ1IRS
K2KNB	WD8LTM	KV3W	AC8MR	IC8XIL	JO4JDU
K4JDJ	WJ1B	N4NYY	AC9DX	JE1CTA	K5NV
K4JLD	WN1M	NG0G	DB9CR	K1FUG	K5TU
K4TR		TF8GX	DL1TPY	K2FJ	K6VWE
K5WRE	111	W1ZZ	DL2AMD	K2ZD	KA9TOX
K9DUR	EI2FG	W5JE	DL2NAI	K3GO	KI4NSP
KB2TGU	EI9CN	W6TCP	DM5TI	K4LQ	KM8V
KC0V	F8DZY	W7YED	DU1IVT	K6DLB	KR4U
KG2U	G4ZWY	W8TE	E70X	KA4LBD	KT5V
KG4OJT	IZ0CKJ	W9GFB	EA5XV	KB0EL	M0PCB
LU3JVO	JA4DLF	YB1SKR	G5CL	KC2THY	N4DJT
NA9L	JA5EEU	YO5QAW	G6MXL	KF2G	N5JED
NS4X	JE1TNL	ZS5LEE	IK1RKN	KJ4FZ	N6UOZ
S52R	JH3LCU		JA2DCN	KS8W	N7MW
SV2DSJ	K2KYH	109	JE2DOD	LU5OM	NG4C
VA3AYA	K8ZEE	AA4RX	JH1OVY	N0MHL	NI7F
VK7ZE	K9JIG	AC8TO	K3DQB	N7TP	NS7K
W3JM	N0ATQ	AF3K	K3XO	N9AZZ	PT2DF
W6BBS	N1BZ	DL9QJ	K4GHS	NC6RJ	PY2OC
W7CD	NT5O	F8DHE	K8LBT	NI8Z	UA0ABB
	NZ7Q	G0MMI	KC8YG	PP5VA	VE3BHZ

VE3XK	WD4OHD	WX0B	K1MDA	JA1KZP	WU6K
VU2MB	WK3A	YB1BUL	K2CJ	JA2KPW	WX7B
W0BM	WZ9B	YO6HSU	K2DH	JA5ALE	YB8HZ
W0LGQ	YU1LD	ZS6HON	K2DW	JA5JUG	YO2OXD
W0TLX	YV4EH		K4HR	JK3NSD	
W1USN		103	KB1AWM	K1RE	100
W4/KL7GLL	104	AF8P	N2CJN	K3AXB	2E0XAR
W7GB	7N4OBV	DK1MCS	N2FY	K3LA	9M8DEN
WA3IIA	AA2WC	DS5JMG	N4IR	K5HX	A41ZZ
WA8Y	AA6XV	EA2RY	N8KOJ	K7BWC	A71EM
WS7I	CT3DZ	EI9GLB	NA4D	K7GA	AA7UN
	EA4EJP	FM4LV	NN5O	K8PGJ	AB8YZ
105	EI3HA	JF1KIG	R9GM	K9GL	AC0DH
AA2F	F6ARS	JI1FXS	S51MA	K9MQ	AD4J
AI1W	FM5FJ	K0BRO	SM0XG	KB5YN	AE4VJ
AP2IA	G0DRM	K0OOK	US8ZAL	KC3OPI	AK1P
DL2DCX	GW0ANA	K2RNY	VK2GR	KE9UA	AK4AO
DL9GTK	HA5DI	K3PIN	VK7AP	KJ5RC	DB6VH
E29TGW	HB9BMY	K3TXW	W1GF	KK6VGE	DC1TK
F5VIF	JA0NZR	K4NI	W4GHW	KU4A	DK7GH
G3LOJ	JA1CC	K4PWS	W5TMC	LA2XNA	DL3ANK
HB9TJG	JA1DHY	K4SAW	W7HJ	LA3ANA	DL5JH
HL4GHT	JA1RBY	K5DXR	W7IMU	M0PTZ	DL7LX
JA1JYS	JH1MYJ	K6XJ	W9GWP	M5LRO	DS4GQR
JA1SZN	JI4HKA	K9WMS	W9LU	N3CAL	EA5PS
JE6UWU	JQ2MPJ	KA7CVJ	WB4PWZ	N4PF	EI4DQ
JI1DMH	K1TWF	KL7NW	WB7QBS	N9MR	EI4GJB
JJ2BLV	K2CQW	KQ6K	WB8LEM	NC8I	EW4A
JK1AKA	K4WW	M0UPL	WD6T	NJ2X	F5JWH
K0MB	K5JUC	NB3R	WD9IOK	NZ1I	G0GFC
K1EO	K7UW	NI5G	WF4W	OZ5JQ	G8GFF
K1ETA	K8CJY	RX3BP	WL7OU	PA3AIN	G8GNI
K2GW	K8WVA	VE7XT	WN9A	R2ARR	GW0KRL
K5WE	KE4YOG	W4CU	XE1SAX	RZ6MJ	IK7NXU
K6GCN	KJ2AM	W5IP	YB0EIN	SM0BSO	IZ4IRO
K6ME	N1FOJ	W7JET	YB9AY	SV2BXA	JA1IHD
K7CMZ	N2TC	W8EH	YO6BHN	SV4FFL	JA2KGQ
K7CTV	N3PW	WA6URY	ZS2ACP	TF1A	JE7KCI
K8FB	N4LSJ	WA8KNE		TG9AKH	JG3LDD
KK4MA	N4PAJ	YB1ALL	101	UA4PK	JG5VFK
KR0P	N4ZR	ZL1IM	AA9D	VA2GA	JR4VEV
LA9JKA	N8TEM		AB2NI	VK4BUI	K1HC
LZ1JZ	N8WXQ	102	AB4EJ	VU2OT	K1JX
N0SL	NA8W	4X1VF	C31MF	W0ZX	K1PTF
N1TQ	OM6CI	5W1SA	DD9WG	W2GHD	K2UF
N9APK	OZ9U	AC0XY	DL3XAC	W2PD	K2UT
N9IXD	PA0QRB	DB2WD	EA4UV	W3RMS	K3NO
NC1M	PY2YW	EA6UE	EA8TZ	W3SW	K3RRR
NK7L	RV4LC	EI4GNB	F4FLF	W4PM	K4GM
OH6IH	VK3MB	HB9MZI	G3VDB	W6OU	K4QS
PV8RR	W0VU	IZ7QSS	G4GEE	WB5KSD	K5LLA
VU2DED	W9GXR	JH1IHG	HB9PUE	WD4IXD	K5MMH
W1PY	WB7QXU	K1AJ	IK2HLM	WM5H	K5PSN

K5VSD	UR8IDX
K7VL	VA2EU
K9EA	VE1JF
KA2F	VE3KKB
KA4H	VR2PX
KA9JAC	VU2OY
KB6IGK	W0PPA
KC2NJ	W0RMS
KD1DT	W1HS
KE1IU	W3BNN
KE7BMG	W4CG
KE8NOA	W4YR
KF5MDZ	W5PD
KF5TL	W5YKU
KF8PD	W6KF
KG4IYS	W6OZI
KI0G	W9KM
KI0KN	W9ZT
KI3O	WA2ALY
KI4PG	WA2VJL
KJ4SKO	WA3UTC
KJ8N	WA3YZD
KK6MF	WB0RXQ
KL7XO	WB2ZEX
KV8P	WB4MM
KY6J	WB6RAB
KZ4EX	WB6RJH
N0OK	WD1M
N0VTZ	WD4GZW
N1KI	WI0E
N1UZ	WM4D
N2YU	WM9Q
N3NVA	WU1T
N4GOA	XE2AD
N5CR	YB6LAY
N5LJL	YE1AR
N5LKE	ZS6CR
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
OR4K	
OV2B	
OZ9GA	
PV8AJ	
PY5VC	
R2AB	