

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 12 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.

348 K2TQC SP5EWY	K5UR KF2O N6AR	W7UT	SP3EPK SP8AJK W1YY WB6RSE WK3N	SM6CVX W0DJC W9RPM
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 K8SIX VE3XN 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
346 N1DG SM3EVR W9ZR		336 G0JHC JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP K5RK N3XX N5ZM PE5T W0MHK WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE		333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JA6BZI JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QZN JH1RFR K4MWB KD5M LA5IIA LZ2DF
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV		
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			

PY5EG	328	325	N5TY*	SM6DHU
PY5HOT	AA5AU	EU7A	N8RR	SP7VC
SP3E	DL7MAE	HB9DHK	NY0V	SV1FJA
VE3FF	IZ5EKV	I5NPH	OH2BLD	UT7UJ
W5OZI	JA1SJV	IZ0AEG	SM6DHF	W4FC
W8UVZ	JH2FXK	JA2FJP	UA3AB	W8GC
YO5BRZ	JI2KXK	JA5WIZ	UT9FJ	
	K4QL	JF1PUW	W7AO	320
330	RU3FM	JF3KON		AA8CH
AA1ON	SL0ZG	JF7XKY	322	CT4NH
DJ2YA	SP9DWT	JH8RZJ	CT1BH	DM5EE
DL1AMQ	W1ECT	JR3GWZ	EA2IA	I2EOW
EA7TV	W2IRT	JS2LHI	F5PAC	JA3PIS
EI7BA	W5FKX	K9EU	IK4GME	JO7WXN
HB9AMO		K9IR	IK8YTA	K1LD
I4MKN	327	OE2LCM	JA4FKX	K4EM
IK4BHO	AB4IQ	ON4IQ	JJ2LPV	N4II
IK6DLK	CT1APE	R5AJ	K2UO	UY5ZZ
JA1ADN	CT1IUA	SM4EMO	K6FG	VE3EXY
JA3EMU	DK5WL	SM6CCO	K7NN	W3KX
JI4POR	DL2OE	SM6CMU	KA9CFD	W5WT
K3WC	EA1YO	SP1S	KU0A	W6XA
K4CN	EA5BM	SV8CS	N4DW	YV1DIG
K4ZYU	I4EWH	W1RM	N4NX	
K9CT	JE2LUN	W6RLL	OE1WEU	319
N4JF	JH0INP	W9OP	OH1LEU	DJ4AX
N8JV	JH1TWT		ON4CD	DK1FW
N9IW	JI8DGO	324	PA3EWP	EA8AKN
NR1R	K0DEQ	DK9KX	R7DX	HB0CC
OK1MP*	KW9A	DL5DSM	SM5KNV	IK4DRR
RA3CQ	N2BJ	FK8CP	UA4CC	JA9TWN
SP7GAQ	N6JV	G0DQS	VE1DX	JI1DHY
W3NO	PY2YP	G4CCZ	W5CIA	JR7VHZ
W4UM	RZ3AM	I0WDX	W5TCX	K5MC
YU1FW	SM2GCQ	IK5PWQ	WI8A	K6AM
	SM5CZQ	JA2BDR		N4DB
329	SP6M	JA2DPC	321	N4QS
GM3POI	SV1RK	JJ3PRT	AA4V	ON4AOI
IT9DAA	YO9HP	JR2LJO	AD1C	UA3AP
IV3JVJ		JR3OEH	G3TXF	YO3APJ
JA2JW	326	K5KC	HB9BIN	
JA7KY	EA5BY	K9YY	IK2YCW	318
JA7MSQ	JA9APS	N1NK	JA0GJJ	A45XR
JH1GZE	JE1SYN	N8BM*	JA1XEC	AA4HP
K0EU	JF1WPB	OE8HIK	JA3AZD	DL6KR
K1HTV	K5EK	R3OK	JH1IFS	G4PWA
N5AW	K8PT	VE2Tzt	JH3CUL	JA1ANR
NI0G	LU2NI	W3LL	JH3VNC	JA2JNA
NO8D	N3NT	W8OI	JH4ADV	JA4EPE
OZ1CTK	N7RT	W9OL	K2VV	JH4JNG
R4GM	NK1K	WB4TDH	KV7K	K2TE
SP6CIK	OZ1AXG		KX4R	K4IQJ
SP8NR	SP5DIR	323	LA7HJA	K5BG
W5XX	W8DCH	EA3GP	N4PQX	K5DU
WA1JMP	WP4U	GM0GAV	N5XZ	LA2PA
		JF1KKV	OE6MDF	PY5EW
		KF0QR	OE8RT	R3VA

RA7A	JA9CWJ	K9US	SP6HEQ	F2JD
RW3RN	JN3SAC	LA7JO	W0YG	G0BLB
SP1MGM	JR2BJE	LB8DC	W4BP	HB9TKS
VE3LYC	K8NVR	N2NL	WB0TEV	I5HOR
317	N5OK	N4TL	ZS1LS	JA2XW
AB9V	OE3EVA	N8KOL	309	JA3GN
DJ5FI	ON4IZ	NN4R	JA1EOD	JA6WJL
DK2NG	PY2NQ	SP3CGK	JA1VSL	JJ3HGJ
DL5WW	SM3VAC	W9RN	K1AR	K2SHZ
HB9HFN	SV2DGH	ZS6EZ	K2UU	K3RA
JA2IVK	WA7NB	312	K8QM	K9RX
K2RW	314	AA5AM	K9ZO	LU8EKC
K6YUI	AC4G	F3SG	NN4SS	NI6T
K9MM	CT1DKS	JA1SYY	NU8Z	W7DO
KE9L	DL6CNG	JA1XCZ	R9TO	W7OM
NE1B	EA1N	JA7QVI	RU3DX	W9JA
UX1UA	EA6VQ	JH1AGU	RX3AGD	WA5VGI
W6VX	G3NDC	JH1QAX	UA4LY	306
WD0DAN	HA1RB	JR6FC	W2JU	9K2OD
WX4G	IZ8FFA	K1HT	308	DL1KUR
316	JA2AH	N1IBM	DL2CHN	DL5EBE
DF2UU	JA2ZL	N5ORT	F4BKV	HB9DDZ
G0OIL	JR4OZR	RU3QR	HK4SAN	IK4PLW
IK2QPR	JR9LKE	SV1CNS	IU7QBB	JA2VQF
IW1ARB	K2LS	W7CT	JA1IZZ	JE2LPC
JA5XAE	K5AQ	W8HW	JA2WYN	JR2UBS
JA8EAT	KB0EO	311	JA7IC	K5WAF
K1BD	LA7AFA	CT1FMX	JA9GPG	KD3CQ
K3WA	MD0CCE	IK0PEA	JG4AKL	OE5RLM
K4HB	OE1AZS	JA2XYO	JH1SJN	R8TX
K8YTO	OE1ZL	JA4MRL	JL1RUC	R9FM
KG8P	SM4DDE	KM4H	K0GY	UN7JX
KQ8M	SV1DPI	OE3SGU	K0KVR	US5WE
N5DG	SV1JG	OZ4O	K8OM	W5AJ
RV3LO	UA6MF	PY2XU	K9MK	WE9R
SP1JRF	UX0FF	UR0MC	KI0KB	ZL3JT
UA3DPM	WB8BPU	WB9CIF	KN5O	305
W1GL	313	WD9DZV	KS1J	DJ4XA
W7MO	5B4MF	310	N8TR	JA1IOA
W9ILY	CT1GFK	HB9SLO	NQ1K	JA1WSK
WA2VYA	I3BUI	JA0CRI	R7NW	JA7BWT
YB5QZ	IZ2AMW	JF8QNF	SP9JZU	JE6TSP
YO7LCB	IZ8FWN	JG3FEA	UR5EDX	JH7RXU
YS1RR	JA1GRM	K0KX	VA5DX	K0JUH
YU3AA	JA5IU	K5XI	VU2NKS	K3XA
315	JA6VQA	K6RO	W1YM	K9NW
9H1SP	JA7JWF	K8AC	W2QO	KG4W
AA5AT	JF2UPM	K8FL	W5ADD	N9AU*
AB3CV	JG3LGD	KC7V	W6ENZ	PA5TT
AB6QM	JH1NYM	LA9AJA	W9MU	RA9CMO
G3VKW	JR1BAS	NS6C	WA8WV	SM3NXS
HK3W	JR1BLX	RA0FF	307	UT2UB
IZ1LBG	JS3CTQ	RL9F	A65BR	W5XC
JA8RJE	K4SO	SM2OAN	DK2JX	YB1UUN
	K6KLY			

304 DJ9ON DK5AD HB9CEX JA2NDQ JA9FAI JE1DXC K8GI N7US N9RS UY5AA	JA1LSP JA1SVP JE1LFX JG8FWH JK1GOK K4SE LA5LJA MM0EAX RN3QN SV2AEL WB5JID	IW0HQE JA4ITW JA5BEN JL2JVX JR7WFC K2PK K8EUR ND0N PY2VA ZL1BYZ	N7TY NA5C RM0F SM5FUG SP8HKT SV1GYG W5LT W6XK W7AL	HB9BAT IZ0RVI IZ3ETU IZ8VYU JA3ENN JA3EOP K5DHY K7ZD LU4FPZ N8II R6AF SP5IWA W4VIC W6SR
303 E72U EA3GHZ G3LZQ HB9DDO HL3IUA HL4CJG IK2RPE IK4ADE JK1EXO K7WP K7ZA KB1JZU LA3WAA RL3FA RW4NN SM6CUK SP2BMX SP3IBS SP7HOV SP7ITB W1SKU WT8C	300 AC0A DL1TRK DL4CF EA1AF EI2GLB IZ5RVG JA9AA K8GG K8TL K8VFX PA3CSR VU2PTT W3OA W3RJW W5VY W6TC W9AJ	297 E73Y JA3RQ JE7JDL JG0CQK K6ND K8WK KG7H KT1J W6YI	294 AI9L AJ9C EA6NB HA5VZ HA9PP JA1FQI JA5SUD JE1GWO JJ1DWT JR1DUP K7ZV KD0Q KZ4V N0KV OE5BWN RU6L SV3DCX W3JX YO2CMI	291 4Z4DX EA6ET G0EHO IT9CVO JH1BAM JJ1TKN K4ZO KP2A LA5HE N2TN N7RO PY2KP VE3CFK W7BEM W8TN W9FR ZL4TT ZS2DL
302 DJ5JH F5CQ HL2IFR I1EIS JE8CLT K4MS PY7DJ R5DT RK4FD W0VX W4QN WD4LBR	299 4X6ZK DM2DXA EW2A G3SVD HB9CQK HB9RG IK5RUN IZ4MJP JA7LGE K6SIK K9SM KB8VAO N9FN UA9FAR UN6T VE3BW WA3AFS WA9PIE XE2CQ	296 AA4R AA8OY AD6W CT1DOF EV1R GM0AXY JA1JAT K3PA K6FW K8VC LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W2GG YO2RR	293 DL1HRN DL1SMA EA3WD IK0HFO IV3YYK IW1QN JA2CXF JH0BQX JK1TCV K3FRK K4JAF N2LM N4RWG N7IR PY2IQ S55DX W7ZJ WA4FFW	290 AA4A DS1JFY I4KDJ JA1KQX JA1QXC JE2EHP JH3GCN KD0PO LA2QM LU3CQ PP1CZ SK3PY SV3AQR UN7LZ UN7TW W1EQ W2LK WB9EEE
301 AE5E AJ6T CU2AP HB9BOI HP2AT JA0DIN	298 5B4AHJ CT1FCX DL7BA G5LP	295 DL1DUO EC3A IW0SAF JA1BPA JE2DZC JH4ALY JM1FHL JN1RQV K0BBC K0TPP K1GG K4XD K5VIP K5ZK	292 DL5CW E72A EA5AT G4GIR G8DX	289 DL9TJ

JA8EJO	IK0AGU	JA1RTX	W8LGJ	HK1MW
JA9FPI	IK0XBX	JL1XMN	ZS4TX	IZ5BAM
JA9IFF	IZ8XQC	K3WW		JA2XCR
JG1WSC	JA2FGL	KJ6P	279	JA7FWR
JH4GJR	JE3ENP	OE8SPW	JE8TGI	JA7LMZ
K3UL	JF2WGN	W1LW	JF2XGF	LA0FA
KK0M	K1LPS	W6BJH	JH7BKN	LA9VFA
R0FA	K1RO		JO4CFV	N5MOA
RA1QD	K5PS	282	KF2DT	ND4X
S57AT	N8SNM	K1DT	KQ4AV	NK0S
VE3EK	UR5WA	K1USA	OH1ZK	OZ1LCG
W9YSX	VE1JBC	K5UO	SM0NJO	RX4HZ
	W3GQ	K8ROX	VE3DZ	SM5CLE
288	W6PJ	N6TA	W4UCK	UN3G
CT3MD	W8AXI	OH4UI	WB2BIN	W1YRC
HB9RYZ	W9MJ	PC3T	WO7R	W1ZT
JA2JRG		RD3AW		W2OIB
K1DG	285	SM4CTI	278	W5GO
LZ2JE	CU2DX	UA0BA	9A4T	
N4LR	DL2SWN	W4OX	EA8RR	275
N5LZ	EA3GHQ	WN6W	EI9JF	AB4SF
N6UK	EA5KA	XE1KK	F2NH	CT1FPQ
ON6AA	HL2WA		JA8LRG	JE1BMJ
UA3AGW	IK8VRH	281	K2UR	JG1OGM
W1YIF	IZ8DFO	AD5Q	N4HB	JJ3CJP
W2LE	JA0PE	BA4RF	N9ISN	N2JJ
W2NO	JA2IYJ	EA5OX	OH1JP	N7KA
W3FOX	JA2VMU	F3AT	SM4AZQ	ON5UE
ZS1A	K6GXO	I1FQH	VE3CRG	PA7RA
ZS2EZ	K6PJ	IZ8FDH	W4MAY	WA0RVK
	LA8HGA	K0GD	W8MHW	
287	N8LJ	N2WB	WF2S	274
9M6YBG	OE1WHC	N5GH	WT4Q	EW1KP
AA8LL	PE1L	OZ1IKY		IW0HOU
AA8R	WK7E	SM5ENX	277	JA8ZO
IV3GOW		W0LS	EU1KY	JH1IAQ
JA1XPQ	284	W8HC	F5PBM	JM1GHT
JA2ATE	DL6JZ	W8KEN	F5UJK	K3PT
JA9NLE	EI9FBB	W9HBH	JA8DNV	K6UM
JE2OVG	GM3YOR		JA8EOT	KA8SYV
K0AZ	IZ3ENH	280	JH3KAI	KA8ZPE
K5RT	JA0DET	CT1EAV	JK1UNZ	KS3F
LA3MHA	JA8CJY	GM3PPE	K2AJY	RA5BM
N3VA	JG3SKK	JA3XNH	K8UT	SV9AHZ
N8PW	JH3SIF	JA6TMU	N9RD	UA3ECJ
R9SA	JN1BMX	JF1NZW	ON4CAS	W7MEM
SM5ARL	OE2GEN	JH1BNC	UW2ZM	
W1VT	SM0CCM	JH1HHC	W1KSZ	273
W4YCH	SM6CTQ	JN7DOS	W2PP	7M4AOE
W8AV	W1OPD	JR6LLN	W3BW	CT1BWU
WA6F	W2AY	JR7FRW	W8RLS	DH2PC
	W4FQT	K0TT	WA3C	EI6FR
286	W5ODD	K4WNW		IZ4DPV
AB5A	W8BBQ	PY2DS	276	JA1KPH
CT3HF		SM5CZK	AA6AA	JA2TBS
DL2VPO	283	UT7UV	DK3WW	JA6BEE
HL3GOB	DF2GH	VK3HJ	HB9LCW	JM2RUV

K4RG LB2TB N4IG NA5DX OZ1ACB OZ4VW RW7M W4HG W8QZA/QRP	EA1KY F9XL K0BJ K7UA K9JF N4QQ OE3HWC PU2POP VE6LB	IW7DVM JA3BXF K8AJS NU1B PZ5RA RA4CA SV1HEP VE3YF W0FLS W7Yaq W8MET WB2GAI WB3LHD	K4KAY K8FH K9FN KN6KI N1RR N7BT NA5Q NF1G SM7IUN W0GG W2XI WA4LOX ZS6NJ	EA9IE EC1AIJ F6HLC FG5FR JA2FBC JA3VPA JA3WLN JH3FUK JH4ADK JJ2WOC K1ESE K8YSE LY1G N6MZ NT5V SK7AX SP6A SV1FJP TG9NX WA5LFD WV8DX
272 AF9H DS5ACV I5OYY IK5PWN JF1LMB JH1OBS K1UU K6IPM K7EG K8BL K9MBQ KA1ERL KB1EFS KI4GE N2DPF N4JQQ N6PSE NV9L OE5FIN PA0ZH SV1ACK W2OO W3ACO W3AP WA1S WL7E	269 HB9IQB IK7FPV IK8EPC JA1OVF JA1VLK JA6GPR JH3FHQ JP1NWZ K0KT K6EME N4UOZ N6RV NW7E OM4EX SM5FWW YB1AR	265 4F2KWT G3WPH JA4FM JH1ACA JR1WCT K2CBI K2SN N5KM N9JV VE3SKX W5DM	262 CU3EJ I5REA JA8BAR K8AV LA6UL LA9FFA LA9GX N3RC N8OC NK4L NX0I SP6JIU W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART WQ6Q YB2DX	259 CT3KN DJ8NT EA3EQT EW1BA JA8BNP JE2RDO K2UFM NI3P PY5CC W1KDA W7AH WS9V
271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU NN4X UA3TT W1MK WA0MHJ XE1MEX	268 HB9BUN JA1IAZ JA1NWD JH4HMG K2KA K6BV KD4W N2AJ N5JB SM6BGG W2FV W9OO WA1YTW	264 4Z1UF EA1KP F6DBX HB9DHG IK4AUY IZ0NRG JA7HRM JR4LNG K0DD K1CA K8RRT N1EN N1GC PA7TWO SV1CQN VE6AX W5PF W6TMD WV4TN	261 7K1CPT DK3PZ G3UAS IZ8IEV JA3FHL JA4VLK K2FW K7LJ KM1D LA5SJA N9UA OM8FR SM7CQY W0JM ZS6WB	258 CU3EQ DK7YY HL3AMO JA9AGN JR3UIC KH2L SA0AQT US0YA W1SSN W5JAY W9EWZ ZL2IFB
270 7K1PTT AA4FL BA4MY DK8MCT	267 IV3VBM JA2QXP JA7BEW JA8UIV K5VWW K7XB KI5BLU SM5BMB W6RS	263 DK4TP EA3CJ EA4DL HA7UW JA1VRU JA7XBG JR8AMF K1KO	260 AA9A EA8MT	257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW

IK2PZC	NE8P	KJ7TEA	HB9DOT	JJ1QUV
JA6OXT	UA3O	N4SC	HL2KV	JN1NBU
K1SM		N5UL	JA1PBV	K0KG
N1API	253	NV4B	JE2VLG	K1KA
N6HC	AC9O	W2JLK	JJ1SKG	K1YR
PY2MC	FG4NO	W2TB	KF9UG	KK1W
RU1AB	JA6IVR	W3ABT	N4QWZ	W0QQ
SV1VS	JA8XQI	W4SK	N4XP	W4REX
W3FI	JH2PWY	W5GAI	N6KZ	W5PJR
W8MJ	K1FEV	W8OP	SV1IW	W9FI
	K6MKF		W8IW	WA2USA
256	K8DV	250		WA3F
BH4QYX	KE1F	6K5YIA	247	
EC1A	N7XR	EA1RT	CT1FUH	243
FG8OJ	UA0FO	HA7TM	K1PL	DS5TOS
GU0SUP	W6RW	HB9EFK	K3VAT	G4XRV
IK4HPU	W8GNM	HI8R	KH6M	JA2EPW
JA0KJE	WF4U	JH6PFY	N7DED	JS6TWW
JF2VAX	YB0COU	JL1MWI	NA9RB	K8ME
JH1RGG		JR0EQQ	PY5IP	W1BR
K4JJW	252	JR5JAQ	S51NM	W4PNY
K6EID	DL7UPN	K9YC	W7IB	WX2U
M0TTB	F1ICS	K9ZM	W9JJB	
N1SV	G3KWK	KQ3F	WS5W	242
VK3NX	G3NKC	OH2IS		EI2HY
W6DE	JA1BNW	PA0JSE	246	JA4ZA
W8JRK	JA4HAW	PY2FN	AA7G	JH1ERJ
WB7B	JE1HRC	W7HPW	GW4TSG	JH1WJR
	JF3PNQ	W7IU	HL2EIZ	JK1VXE
255	JF6XQJ	YL2KF	IV3KFB	JR1MLU
AI6Z	JH4CBM		JK1WSH	K3NQ
EA5RD	JL1BYZ	249	JR7GBL	K3WWT
F6ECI	JR1VAY	AF5CC	K3EA	K4PB
HC1BI	K1EFI	HL2CFY	KB6CIO	K7FEL
HL3DE	K5FZ	IZ8GGF	W1KMA	KJ7M
IV3TMM	KB9DAK	JA8FFM	W3ICM	N2NS
JK1OPL	N6PM	JH1APK	W5ZO	N6HY
KR4F	OH7TV	JH8GEU		NF4A
N1RK	W2GW	K9NR	245	PA3BWD
N5BO	W2ZI	KF7F	AJ8MH	RC2A
VR2XMT	W7CA	KM6HB	G3KMQ	VK3BDX
VU2CPL	WA4CEM	N0RN	HB9JOE	W8CZN
W2/CT1GIF	WA4JQS	N3KN	JA3QOS	WB8K
WV9L	WV6E	NH6T/W4	JJ6DGP	WC3W
		OZ5NJ	KF7PG	
254	251	SM4OLL	N0AH	241
BA7IO	9A4W	UN3GX	N2NW	AB5C
CT1BWW	DL2RTL	VE3YV	NZ3O	G8AJM
IZ5YHD	HA5PT	W0RX	OE3KLU	IS0AFM
JF2WXS	JA1DDZ	W8IQ	S55ZZ	JH1UBK
JH1VUO	JA1EMQ	W9RC	YB0NFL	JP1IOF
JH2VVH	JA1SKE	XE2D		K7KB
JJ1BMB	JA5BGA		244	KV1E
K0GW	JE1VTZ	248	G4FKA	N4OA
K3SEW	K4VIG	AK5X	IK8UHA	N9SF
KI1U	K8CW	EA4DEI	JA1CZI	W5DNT
LA5YJ	KG9Z	G3VPW	JI6IHG	W5QM

WA8MCD
WB8CQV

240

E21EIC
G7SSE
IW3GJF
JA1DM*
JA2FSM
K9JU
KF0LA
N0ABA
N4HID
PY2GG
SM3LGO
SP5LKJ
UX5UO
W0SZ
W8WEJ
XE1RBV

239

AG1A
DJ9RR
I0JBL
IZ1JMN
IZ2FOS
JA6CBG
JA7KE
JA9NFO
JE2UFF
JH1DGJ
K1XV
K2XF
K4QE
K8YYY
N8SHZ
WA6JA
WB4KTF

238

HB9MFM
JA0LXP
JE1PNX
JF0JYR
K9GA
K9OR
KA4RRU
M0CSD
N4PJ
N5ZC
W3MR
W4KA
WA4QM
WB0TVY
ZL4AS

237

CT1BOY
G0VXE
HB9CXZ
JF2OZH
JH1DGQ
JR0QFA
K1RV
K2NV
LB5WB
SM0MPV
W6AER
W8UN
WA0ROI
WB8B
WB8ZRL
YO3JF

236

HB9DQV
HB9ZS
JA1HOM
JA1JYE
JA3KNN
JN1NOP
K1ACL
KM3J
KS4S
N4GN
N6IE
OE2BZL
OZ7FOC
PA0TCA
VU2CDP
W0HBH
W2YR
W4GIW
W6DR
WA1PMA
WY6N
YB2TX

235

EA7QW
EU1U
JE1IBI
K0EEO
K0VSH
K4YJ
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NW4M
TA1CM
W7YW

234

DF7EE
DK2CC
HB9BYQ
HS1NGR
IK0LNN
JA2OLJ
JH5HDA
JK1BSM
JR4LZX
K0VM
K4JC
K4MF
K6ZZ
KE5FXE
KE8UM
KX2A
ND4V
SV8CKM
W3WST
W9MO
WA5UA

233

AA9GR
AA9RR
AJ4A
DH0GSU
DS3HWS
EA5AR
JA0KJD
JA3NHL
JH1SOD
K8BN
K8EAB
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF
WE4S

232

AC9EM
EW4C
G3XLF
HB9DVO
JH0OXS
JH6DUL
JR3VMJ
K4ST
K5FNQ
KB1DMX
KK9H
N9PGG

NJ7G
NY2NY
RQ3A
SV8DOU
W2DXE
W6CYX
W9ZCL

231

AD5WB
DK6OR
HL2ZN
IK1IYU
JA1MZL
JH0AWC
K2RU
K5IB
KD6UO
LZ2XF
N8HRZ
NA4EA
SM7NDX
VU2DCC
W4UDH

230

G3LUW
JA5NPV
JA6AVT
JH7WQX
JI1VVB
K2SY
N4TOL
W2KA
W8FIB
W8WVM
W9YE
WB2NPY

229

AA3LX
AE0P
AH0U
DL8SDC
IK2GAJ
JA2VHO
JE2EBT
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N3PS
N4NW
NE6I
UR5FEO
W1WC

YB1TJ

228

7J1ADJ
AA0MZ
F1RAF
F5LIW
JA7QQQ
JF1RYU
JF1WLK
JH3GFA
K4KGG
KE0A
KE4UW
RA3QUA
UN9L
VR2CH

227

DF8FT
DL2RUM
I0MWI
JA0DWY
JK1SQI
K1GE
K5GH
LU6ETB
N1NU
N6OJ
NA9Q
W4DEE
W5RF
W5SL
WA9GON

226

DM2RM
EA5B
I0OSI
JH1IED
K2BA
K2SD
KK0DX
KK4OK
N2KX
N2SQW
N5ET
N6BM
N9AOL
NG7M
VE7TK
VK4CAG
W7HR
W9DX

225

DK5RL

DS4AOW	222	219	LB6KC	JG3RWX
DS5DNO	AK5Q	F5JSD	NC4RB	JR1EFG
EU1M	DJ9SO	HB9BNQ	PS8ACL	K5ALQ
JA0EVI	DL5XL	HL5BMX	W0SR	KK2M
JA4CZM	E77S	IK5QPS	W5VQ	N6PEQ
JF1MTV	G3SBP	JA1FJJ	WB3D	N8GP
JH8NQV	IZ7AUH	K5CD	WS1L	NA2M*
JL3OUW	JM1VRW	K5JZ		VK3FM
K0IL	K2AT	KD2T	215	W1LE
K0OK	KB5UNX	KE6V	9H1EJ	W3BJ
K1JIU	KS4YT	KG6I	AA7XT	
K2HAT	KU8X	KI7AO	AA8SW	212
K3SF	RA4P	KR2Q	DS4GKF	G4ZOY
K4JWA	VE7BV	KR6C	HB9IO	JA1BWA
K5YU		N1KC	I1YDT	JA3LDH
MU0FAL	221	N6DX	I5XFD	JR2PZX
N0ODK	EA2AAZ	SV1FKZ	IZ0BVU	N4FN
NA2AA	IZ1JLG	W6GRV	JP1GUW	SM5AOG
W5GZ	J11NJC	WA3I	JR0AMD	SM7GIB
W5LO	K4CGY	WC2K	JT1BV	VK5GR
W5TFW	K4MV	WW8W	KF4NEF	W5DAW
W8UV	K5DV		KO6KD	WW2DX
W9KVR	K5ZQ	218	N8NN	WY1G
WE1P	KU4XO	DL2NOM	RN9N	YL2TW
YO9FNP	KV4AA	DL4NBE	W0FG	
	N9JR	I7PXV	W0TT	211
224	NY1V	JH1OGT	W1JGS	JE2KSM
JA1OVD	RU0SN	K1NJ	W4IS	JJ1JMZ
JA8NFV	W0BM	KE3D	W6SL	JJ1KZZ
JO1LVZ	WA0WWW	N4JT	ZL2AL	JO4JDU
K1CBK	WB0N	SM7WVZ	ZS2Y	JR1JGA
K2TER		TZ4AM		K3SX
KZ5DX	220	W5GA	214	KT2C
N3RW	AA6RR	WA2NPD	3A2MW	N1BY
N7WO	DL4DW	WC4H	DJ3AS	VR2XLN
RW4CY	DL4LAM		F4GVO	W6WF
SM7BHH	EA5DFV	217	HB9VAB	
SP6AXW	EI9FVB	IK0CHU	JA7DPC	210
V51B	K1DJ	JA2NNF	K0QQ	AA4LR
W7NN	K1NTR	JA7ZP	K2AZ	CU3AN
WB0O	K1TZQ	JG5RVQ	N9KW	JA7FAS
WN6K	K4EU	K1RH	PY2RO	JH6RTO
	K4MIJ	KU4BP	SP7ICE	KD4SN
223	K5MT	N6QI	W0KCJ	KD8RQE
AB4UF	K6MM	OZ0J	W4WN	LU4FW
AF2C	K7AWB	W0TM	WB6BFG	N8BK
EA7DUD	K9WX	YO3IPR		PY2WC
HB9HBZ	KV4T		213	S54A
I8MTQ	KZ9DX	216	9A1AD	W5WP
IK2RZP	ON4ATW	CX2CC	AG3V	W6UC
IZ8MBW	SM0DSF	DJ3XG	DK3UA	W7FP
K0NV	UR4IOR	EA2AFV	HB9HIT	W9IL
K6IPV	W5THT	G4VMX	IT9ODQ	WA9BZW
KI6CG	W8LMG	K7LV	IV3FFI	WK8A
KW4V	XE2X	KK4OW	JA0LFV	YB0DJ
N4ENE		KR4W	JA1FVS	
		KX4TT	JG1JPE	

209 JH8UQJ K0LB KB2FCV KB4MRX K08SCA N4TD N9XX ND3L PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ N8BJQ NW7US W7IUO WA3WZR	K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N2ZA N4TV N6PAT W1DYJ W3BNN WA3FRP	J11WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ	N4HN NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL
208 DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KW1DX N2KI OH3OJ WA4MME WI7P XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3ML W3SB
207 9K2BM DG5LAC JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	204 JL1GYZ KB5HC KM9E N7ELL VU2IBI W4GP W7IV WB8BZK XE1L	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU IT9AAI IV3AVQ JA2MNB K6TAR K8SIA KD1AB NN5E W4DAO W4HZ WQ5R XE1H	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
206 AG5W	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTB JA0CIU JA7JPZ JH8NBJ K0CS K1VI	200 HB9AGO IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB VK6LC ZS1DX	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE	193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM KM1C LZ2ZG NU4B PY8WW SM5ELV SP5IXS W8NN WA9DU WB6CJT

192 F6FYD HB9FBG IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG WQ5T YB1TQL	VA3OKG W2OR W9ROG WA8LRW WB4GLI	K6EGF KC6X N5QS W8RV WA5IPS WZ4RC	J11CQA JK1DDG K5DCW K7LAZ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	W4CCS W4TUN W8QXR
191 AA4NC G4XEE HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K8QKY KF2OG N4DWK N7MQ NK7C NO0B OV5O OZ7DN VK2HV W5IP W8UQ WB4DNL WF1H WI8R	189 AA4UC I0LYO IV3KCB JA1SGU JG1SWM K3DFL K3HW K5RKS K5TN K6UXO KY5I N2MEE N6NU OH2LHE ON6KE RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP	185 JK7LXU K0KP K3PP K9AQ KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WV2I	181 EI3CTB IZ4AIB KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK	178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T N4ST N5FEE N6DHZ OZ1HPS W7HUY WB6AXD WC0W
190 AA4U AC4VM DJ9KV EC7B F4DSE G3WW HL4CCM JA2ITK JA3AVO JH8KFE JI2UDK K7UT K8ZT/QRP KD0AA N3AIU N6MXU SM0BYD	188 EA7AN JA0GCI JH7NTW K2AX K2DC N2ZZ OZ9XU PY2RN W0PE WV4V YO2DFA	184 AD6ZJ EA5RU IK0HBN JA7FVA K3JM NW7M SM2EJE UN7BY UT7KF W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 A61BK AA4AK DK1NAL JH1IZR K8SL N7VPN NA5S VR2XYL W0MS W4DSM WA6EZV	177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
	187 EA5HM F4WDL IK8GJR KM4NS N6VNI W5ZE XE1YD	183 IU0ICA JA2KSP JA3UNA JE4CIL K6LRN LA7EIA NA2U W2CG WF8R YB2TS	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JK1JAS JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV SP5ELW W0ZS W1HS	176 DL6NW F4FLF G4AYU JH8FIH JR1FHP KK7YC KT8D KW9U LA4JGA N1JP NM1G VE1VOX W4LEW
	186 AF6PK K1BZ K5EWS K5QX	182 4X6KJ AE4M I5FLN I8LWL JA6SQR		

W9WO
WA3GNW

175

AG5CN
EA6UE
IU8IYE
IW1PUR
IZ0CKJ
JE3PCP
K0KV
K1ROA
KD4POJ
KF6HI
KN7D
N7NG
NS3L
UA1OM
UA9AGX

174

AD0K
AG4Q
DL5KUA
HB9HVG
JL6USD
JR3TOE
K1XE
K5CR
K9HQM
K9UQN
N7NW
NG9J
W5JMW
W5WI
WA4BIM
WA4NUF

173

AB6CF
AI9U
DM6MA
HB9DVZ
K6UNE
K7STO
K8JE
KI6MQX
LA9VBA
N7HN
N9DR
N9IO
NC7B
NX2X
SM0EUI
TF3JB
W4DTA
W7VAS

WA7BNG
WY7FD

172

EI1DG
JA1BON
K5TA
LZ1XL
N3AO
N5PA
N7GCO
SP5ES
W1ASB
WB8QZM
YB4IR

171

AA5N
AD3C
CT2GZE
DL5MM
F9CI
JJ1BDX
JS6QOM
K2TV
K4NTO
K4WY
KB0V
KC5LK
KP4DKE
N8WRL
NA6O
ON6MX
W0MU
WA4DOU
WA5KBH

170

DL2JIM
EI5KO
EI6AL
JA1GVT
JG1GJH
JG1RYQ
JK1BIB
JQ1PCX
JQ1YIW
K6JJ
K7CU
LA2GH
LB7ZG
N3WD
N4VN
N6EM
N8VV
NX4TT
VE1OP

VE2YG
W0OGH
WA4USA
YO4AUL

169

AC0DQ
DM3CW
JA1KXT
JE1PHH
K8ZZU
K9OT
KI2D
N4MI
N5MT
RD3BD
SV1IZY
W6FL
WA6QGH
WB8EKG

168

A92IO
AB4GE
EW1P
JA0PZJ
JE4KCN
JH1ORA
JH3EQP
K0PC
K0PX
K0RAR
KF0RQ
LU8ADX
LX1CW
N6MB
OE1ALW
R4FAN
SV1XV
VR2MY
WA9IVH
WX0Z

167

JA8BOV
JE3FOR
KA5JSM
KB8NTY
KD3HN
KE3X
KH6XT
KM4HQE
N1ZJ
N4PL
N8JS
N8OQ
N9ATF

PT2ADM
PY2SEX
TF3VS
WA0SXV
WA5NFC

166

AL7R
DL1SVA
GM7NZI
HL4XM
JA1PVX
JG3KMT
JR6GHN
K0FLY
K7CTV
KN4FO
KR4BD
KW4J
SV2CLJ
VA7DX
W4PGC
W8SAX
WA1ZIC
WA5NOM
WB3JFS
YO3AIS
ZL3RJ
ZS6IR

165

AG6HE
CU3HN
EI5JL
HK3PJ
HL1VAU
IK0XIH
JE4WOK
JF1KML
JR1KBJ
JR6LDE
K3VPZ
KG4CUY
KG5NP
LA2XPA
N2RJ
N3KS
PT2ND
RA0BA
RL3BZ
VK3TC
W2FS
WB2WPM
WB9PNU
WC4X

164

AC4BT
CT3DL
DL7JRD
EA3HDZ
EI6IZ
IZ0GVZ
K6CF
K6GFJ
KA1API
KB7QFE
KD8MQY
N2XQM
N7WI
NA2P
PT7DX
S50B
SP7QHR
W6SIY
W9CSX

163

4O3A
AA4OC
AI4QQ
DS4NPL
EA1AZ
F4CPF
HA5BSW
IK2ULM
JA0MRW
JA4GXS
K0ABC
K0CF
K4GN
KE1B
KO4PRE
KW4MM
LA1CO
N0AMI
N4KM
N7KDT
N9LEO
R3IS
SM7CZL
VA2LC
VU2MSA
W1OK
W1XV
W4PGM
W8MIL
WB9B
XE2YWH
YO3DDZ

162

4F1OZ

BH4IGO	JA0ED	N7JB	JH1AQN	151
DJ7JC	JA4FKO	N9AZZ	JM1JZN	AD5MD
DS3EXX	JH1BHW	N9MB	JR3QHJ	DF1IR
EA2AGV	K0IO	PY1NS	K5DXR	DL4KUG
HS8KAY	K1EDG	W3HKK	KC1ERO	IK1UGX
JR4CZM	K9QJ		NE5W	J68HZ
N4BAF	KC4HN	156	W4CIR	JA2BUR
NP3CW	LA8ZAA	EA3HPX	W5TMC	J13BFC
W4NBS	N1MD	G4FTC	W8TM	K1QN
W8FN	N4GBK	GM3WIL	WA9MAG	K3GW
	N4VG	HB9HHH	WN7J	K4DET
161	NE5S	HB9MXY		K7LAY
HL3ERJ	NF7D	JA1CCG	153	K9AAA
JP7FSO	OT1A	JA2ODB	HB9BEM	KE4BKL
K2OP	VA3NXM	JA9RT	JA3UOQ	KE8G
K4AR	W1EBM	JH2AJY	JH2NWP	KK4CLY
KM4A	WD5BJT	JL3DGI	JR7MAZ	N7MB
N7QT	XE1MW	JM1LPN	K0YL	NU4I
N7VZ		K2HT	K3GO	SM0NUE
NA6XX	158	KA9OKH	K4OY	VA3EJN
OH3PYY	9J2BS	N5QZ	K8ROK	VA3HP
OK2ZDL	G4SGX	N7RD	K9MMS	W3HER
SM3PHM	IK3DVY	W1MR	K9YZ	W5WLA
W5BK	JJ1KXB		KF9LI	W6WA
W5RDW	K4HQB	155	KK4XL	WA9JWL
W6DOE	K4SAF	5P5Q	LA2IR	WC2C
W9GG	K8GWU	DK3QM	M0MCV	
	KB2XJ	F6KOP	N0VVV	150
160	KC3AK	G0THF	OH3FVP	DK3BK
E70T	KF7NN	HB9GWJ	SP5NON	DK3FB
EA1WH	KJ7NO	IV3TDM	W3DIY	DL9SAD
JA1ITJ	N0SL	JA0EBV	W8OM	HB9EBM
JA1UOA	N4XMX	JA6SUY	W8VK	IT9ABN
JF3VEC	N6MM	K2DF	WB4SON	IZ2MHT
JG2LGM	N8TFD	K4EZY		JA1IHD
JK1EBA	OH3DP	K4WM	152	JA7GZM
JK1NPH	W0JMP	KM2O	AC6BW	JR7XOD
JR1CAD	W8LIG	M0IFT	AK9B	K5HK
K7LY	WB2RAJ	N1QY	BX5AA	K8WHA
KC9K	WB9ZNZ	NH6L	DF2WF	K9RT
N0IW	WT2P	NK7Z	DU1KT	K9UWY
N4MEC		NO9E	G4AFJ	K17M
N5WA	157	NU1T	IK5BSC	KX5U
N8IL	7N3IJT	OE1HHB	K2EK	N6JOJ
NI5F	AB2E	UT7EC	K4RDU	NM4SH
W1TO	E20YLM	W5SV	KD2OV	ON6ZV
W9FF	EI2JD	YB1AYO	KE9S	SM0BSO
YO8CRU	GM4KHE		N8IK	VU2NXM
ZS6RJ	JA0NZR	154	N9GKE	W3KB
	JA1UBZ	AC8TO	ON4LG	W4IDX
159	JA3MHA	AJ8B	R9JX	W4NE
AA3AZ	JE3OUW	DS5WQT	W2NY	WL7OU
CT1ESO	JG1XBM	IZ0FUW	W6RFF	ZS1C
DD0VE	K0SRL	JA0GZZ	W7JET	
DK8IZ	KN7Y	JA4HXF	YV4DYJ	149
EA1P	N4QM	JA8ANQ		7N2JZT
IK0WMJ	N6VH	JE6PJP		DS4DRE

ER0FEO	SV8RX	TF5B	NZ6N	KC9G
JA0JPD	VE3FAC	UY2UZ	SV2JU	KF6A
JN4FNZ	W3NRJ	W0AIH*	W1ITU	KL7NW
JS6SCC		WB9W	W1NA	KU9S
K2KIB	146	WX3P	W3IZ	N3PV
K2RET	AE5B		W5GOL	N5RN
K4TXJ	EA4D	143	W6HDG	N9BVA
K9EXY	HP3TA	AA4MM	WK9U	OD5YA
KD4EE	JA3KWZ	AF3X		PV8ABC
KM2E	JE1COB	FM5DN	140	V31CQ
KP4DS	K1IG	HB9AAA	AD9DX	VE3MSC
N0STL	K6NR	JA1MOD	EI6JK	W0UHL
NE0U	K8ARY	JF2RSF	EI7JZ	W4DWS
NU4Y	K8POM	K2OO	JJ1OKK	W4EJG
NZ0O	KB9AIT	K6LPO	K0UBR	WA5POK
RT0F	KM8AM	K9BQL	K5GZR	
TF3Y	N6FS	KE4FW	K6EV	137
UA9MC	N6RK	KG6D	K7VC	DL2RD
W4MA	N9MR*	KJ2U	K7YMG	G3PSM
WA1EHK	NJ1Q	KJ4R	LA8PDA	HL1MKT
WF7T	SM3DXC	KN7K	LZ2HM	JH1SBE
	TF4M	LB2TG	N5JED	K2CDJ
148	WA2MUA	N2YBB	N7TW	K2RKJ
4F3BZ	WA3SKQ	N4UP	VE3NJC	K4AU
A71AM	WW8RT	N7ZA	W5VU	K6IRA
AE0MO	XE2B	TG9AJR	W9BS	KP4N
AI6P	YB1BML	W4JVN	WB1ASL	N9NFT
F5NNN	ZS6UT	W4UFO	WW6G	NI4Y
IW5EIJ		W7VS	YB3MM	OE3JAG
JF2AIJ	145	WY0V		SM5CSS
JR3PKO	5T5PA		139	SP3EPG
K5LY	AA5TL	142	F5VML	TA1AL
KA3GWD	AC7JM	AA4DD	HB9ARK	W2GGY
KB8ZUN	AL7TC	JA1PUK	HB9DTE	W4UEF
LZ1MDU	DL1MEV	J11UHZ	HL4CBX	W9MR
N0TK	EA4S	K2CJ	K0QB	WA0WOF
NJ6K	EA7LS	K3GT	K2WJ	WA5YOM
PY2CP	F1OBJ	K9UO	K9TRV	WG0G
VE6TL	JH1CTV	KA6BIM	KX4I	WS1F
W4AFB	K5FXB	LA1J	N0CKC	
W4AG	KQ5M	W8WV	N2SG	136
W9GM	KS0M		N7NF	AC9GK
W9MAK	N6KK	141	N7UJJ	DM5JBN
	NS4X	7K3QPL	R9MJ	G0OSK
147	W3DQS	9H1AE	TA1PB	IS0EBO
AB9KZ	W7NP	EA1T	ZL3TE	NT5EE
EI7GY	WR7Q	EI3ISB		ON5GF
G3VQO		HB9EXQ	138	ON5RKN
I4JEE	144	IZ3XEF	AC5AA	VE3FRR
IS0/YO3RA	AD0TR	K2JK	DL5KUT	W0ANZ
JJ0LZQ	DL6DCD	K4RM	DL5ZB	W4GH
JK1OTP	GM0VIT	K5VG	G0FWX	W4PV
K3GGN	K1TKL	K8RCT	JA0CVC	W7KKC
K5UZ	K7QBO	K9AAN	JA1VRY	W7SX
K8MRT	K8OS	KA5SYP	K2YSY	
KB1HY	N5UE	KA5VFU	K6CW	135
KB9LIE	RN0C	KE7BMG	K9BO	AB4FH

F6FHZ	DL8OH	131	W7TG	N0AB
GM5YTT	G4NBS	EI5GM	XE1ILI	N0DL
HZ1GW	GM1BSG	JH1IYY		N1BZ
JA1DCK	HB0WR	JK8VMB	128	N3GTG
JA3MIO	HK4EB	K0ARM	A71XX	NA1RL
JA7MWC	JA5IBP	K7GA	EA1AHA	ON5EQ
JJ1HLL	JM1JIV	KA5IAU	EA3NG	VE3EDY
JL2ULM	K6ME	KO4DKI	EI3IO	VU2TMP
K3HPA	KC2STA	N0AKC	F4GTB	W0MF
K3WGR	KG6WIK	NG4DX	HL2DBP	W3KN
K4OP	KI4TZ	NN6K	JA6NQT	W4BH
KC3RKW	KR4DA	VE3NKS	JH1AWJ	WA2BOT
NX8Y	LA9KY	W5EC	K6OJ	WB2KSP
S53MJ	N1BKB		K7PTC	WB9TFH
W5IO	NT9F	130	K9YKL	
W7QHE	OH4KRN	AA4QE	KC2WUF	126
WA7HR	OH7HM	DL1SWN	KD5R	CU7AJ
WB3AVD	VU2ABS	JA2LMY	KG2U	DS3EXT
WB6FWS	W1GY	JF2OHQ	N0JR	EI4HH
WB9IWN	W3MF	JH3PRR	N5EI	IK4TVP
WO5I	W6OUL	JL4BSE	NR0Q	IU8GNY
	W9SE	K2MHE	R3BB	IW7EDZ
	WB1S	KB3IFH	UR9IDX	JA5CDL
	YO3GJC	KD2NF	W0QD	JA5XPD
134		KI0HA	W5MF	JH4GXE
AB0RX	132	KN4JX	W6IS	K2GLS
AB1J	AA4FU	N2YF	W8BI	K5KDX
DL4ZAB	AK3E	N5JEY	W9EBO	K7PO
EA6AZ	AK6I	N7TM	W9TO	K8GT
IZ8DEO	I8NLC	NS4F	WA4UWD	K9QA
JA5SEY	IK8OZV	OZ6TL	WC4V	KC5RR
JA6GXP	IZ0COI	PU4MMZ	WP4CQ	KC9WPS
JR0GXA	JA9KRO	W1MO	WQ1H	KK4CB
JR1HYA	K4BNF	W2FDM	ZS6AKU	KM4CQG
K3KY	K5SES	W9CTJ		KS4WA
K7FL	KB8KIM	WB8RFB	127	N1GNB
K7RAN	KD3UY	YB2IQ	7Z1HL	N5HC
K7YZO	KG8OU	YO8PS	AG4TO	N8YQX
K9JDP	KI7HO		DJ5DT	N9XG
K9SUH	KK5ID	129	DL9GTB	VE3TMG
KA9JCP	M3DFW	AD6KQ	EA4TX	VK2DAG
KD2SC	N3TR	AE7U	G8BCG	VR2VGM
KF5WCP	N4EDT	DS4EJA	HB9TJG	W7FI
KN4OK	N4QOG	JA0AVS	HK6K	W8VI
LB5GI	NN3V	JA1PLT	I2YPY	W9COS
N1AH	ON6YH	JA2ACI	JA0BES	XE3E
N2TC	PY2OP	JA3WMS	JE2VYM	
N6XT	SM7DXQ	JH1RFM	JG1LRE	125
NC6RJ	UW7UA	JM1CMA	JG5DHX	AC4XO
PA0QRB	VU3WEW	JN1SUT	JH1HRJ	EI8GS
SM3WMU	W3KHZ	K7ORK	JI1MNT	G4EHT
W1DAR	W4MC	KB4KBS	JR1LZK	IK8PGE
W2KNG	W5FL	KN4WOJ	K2GW	IZ8EYN
W4UAT	WA1HXX	N9AVC	K7LFY	JP1GVC
WB1DX	WA1KXV	PY3OG	KF3N	K0MD
XE2AD	ZS1EL	SM2YIP	KS8W	K5NOF
		VK5CE	LA2LI	K9ARZ
133				
7J1ABD				

KK5J	JA2HOL	JA1CPN	N4UFP	F8EZE
KK7BR	JH1RVQ	JA1EYN	NJ8G	IS0BZR
NA7RH	JL3RNZ	JA1WTO	NR2D	IZ7QFN
NN6CH	K2JGL	JE2DOD	VE3QAA	JA9KA
SM5AFU	KC2THY	J15WDC	VR2ZXP	JM3GXU
TF3MH	KD0KZE	K1LTJ	VU3RGB	K0FF
W0XE	KG4OJT	K3CWF	W1RG	K4AEH
W4AO	LA2XNA	K9MQ	W5RYA	K9LCR
W5CWQ	LX2SM	KK4ODQ	W6GJB	KA4AHU
W6PG	N6DVR	KU2A	WT5L	KB2S
WA1LAD	N9RE	N3ER	YB0AZ	KB5CSQ
WA4TMJ	OH3TY	N5ZY		KO4PY
WM4AA	PY2ADR	NA2R	119	KP4ED
WR2G	SV7CUD	NA4MM	DL2VWR	KZ1X
	VE3VHH	NY4G	F5BAR	N1GFV
124	W2ARP	OZ6EI	HL2MHU	N8AGU
7L3SQL	W2WGK	PP2FN	JA6JYM	VE7NY
AA5H	W4UT	TA1L	K7LOL	W3LWH
AF8C	WB8TGY	UA0FDX	K8EB	W4ARK
DJ3EJ	WU7X	UR5FLN	LU9DO	W4PG
EC4KW	YB9WZJ	W3/NH7C	N8LCU	WB9WHQ
EI8IQ	ZS6NK	W3JXP	ON8PHD	YO6HOY
G4RGK		W4CC	SV1BYI	
IT9YOZ	122	W4KCM	SV2KF	116
IZ1UKF	AA0BH	W5UQ	VK7AP	6K2ILX
IZ5BYJ	AA5B	W7PC	W1ZK	AA0FT
J11DMH	AB5YI	W9MB	W3MRL	EA5GXI
K3SUI	DB4RG	WA7HQD	W6ZPL	EI4BZ
K6VVK	G0HSA	WB7BBQ	W8EOG	G8GHD
K7HC	HC1HN	WQ8T	ZL2AO	IZ2CSX
KB8DID	IZ0FYW	WT3Q		JA2KPW
KC2NJ	JA9ALR	WU9D	118	JT1CO
KC4AA	K0HQW		6K5AQY	K1EO
KD9ZR	K1AJ	120	AE1T	K4LCP
KK4TKJ	K3DQB	AA2T	AJ6X	K8JRK
KV8P	K4VAC	AC4TO	DJ9KM	K8MN
N0YO	K9KJ	AE5LK	IZ0RPS	K9GWH
N4LSJ	KB4ET	AI2S	IZ1JIZ	KC1RET
N5VBK	KN9N	CT7ABD	JA6CMQ	KD5RBU
NT4K	N1ZZ	CU2CE	K9KJS	KQ5S
W0DD	N4GRC	DS3DNT	KA9JAC	N0ATQ
W6ELI	N9ATD	DS5QLJ	KB3KJ	N0UCR
W6ND	UT9LC	F5AQB	KD9BIE	N2ZL
W8PAT	W1ES	IK8IPL	KG5VK	N4KEB
WW5L	W1HEO	IT9JPS	KX6C	OE6CLD
ZL3REX	W1KKG	JA1DCO	LZ1XZ	RW6MBC
	W5HNC	JH5OTE	N3HYB	SM1NJC
	W6HB	JJ1XVA	N8KUS	VR2IL
123	WF5I	K3QB	VR2CC	VY2RU
AB9BH	XE2MX	K9CHP	WA7ZXD	W1HQ
AE5FM		KJ6Y	WA8RCK	W7WES
AI5EG	121	LU3XX	WB5TOI	W9LU
DJ6OZ	AB4BJ	N0TR	ZS2I	WA4VJK
DS4DBF	AK0A	N1TQP		WW5RC
G6NHU	DL7UGO	N2SO	117	
IK0XKP	HA2EQD	N3DV	AD7L	115
IZ8LMA	IK6BMU	N3GS	CE3FZ	AA9WO
JA1GLE				

AF7WM	113	K4ZMV	EI9HX	NX1P
E74A	AB1NS	K4ZRJ	G4VWI	NZ3M
HB9MZI	DL2DCX	K8CJY	G6MXL	PF7M
HL4RBR	EA5DPL	K9KDS	HB9BEP	PV8AJ
IW2FLB	EI2FG	KH6P	HG6IA	PV8DX
JA0NPQ	F5EOT	KY6AA	IZ1EPM	SP7ASZ
JH8LEY	F8GB	N0OK	JF3KOA	T88UW
JJ2VLY	G0UII	N8AID	JH1FRW	W3ATV
K5TU	G4NAQ	NQ4A	JR2PAU	W3GP
K8CR	G4YCS	NZ7Q	JR4DHK	W4JDS
KB4CRT	HB9GZE	S51DV	K3MSB	W5SG
KB7V	JA2CPD	W1USN	K4KAL	W7CB
KG4URP	JA4CSJ	W3WN	K4RP	W7VP
KV7N	JF1AZQ	W4LLP	K6DJ	WA6URY
MM1PTT	JH1GNU	W5GCX	K6SLO	108
N7PIB	K1JKR	WB2UFF	K9TVG	7M4CLF
NE1RD	K2KNB	WD8LTM	KF8PD	AC8MR
NG0G	K4JDJ	WF4W	KN6HIP	AC9DX
NW6V	K4JLD	WJ1B	KV3W	DB9CR
OE5MPL	K4TR	WN1M	N1TQ	DL1TPY
SP5BMU	K5WRE	ZL3PAH	N3YZ	DL2AMD
W0LGQ	K7BWC	111	OE6BME	DL2NAI
W3UNX	K7MO	AD7XG	TF8GX	DM5TI
W4OV	K9DUR	AJ6V	W1ZZ	DU1IVT
W5WS	KA5OWI	AK4N	W5JE	E70X
WB4MM	KB1OIQ	EI9CN	W6TCP	EA5XV
WJ5K	KB2TGU	F8DZY	W7YED	G5CL
WS4H	KC0V	G4ZWY	W8TE	IK1RKN
114	LU3JVO	HB9ECS	W9GFB	JA2DCN
G3CWW	M0NGN	JA4DLF	W9JJ	JA2KGQ
HC1HC	N6DW	JA5EEU	YB1SKR	JH1OVY
I0BJV	NA9L	JE1TNL	YO5QAW	JR4NUN
JA1CCH	S52R	K2KYH	ZS5LEE	K1FUG
JA1CPU	SV2DSJ	K5NV*	109	K3XO
JA8EIA	VA3AYA	K8ZEE	AA4RX	K4GHS
JG4OOU	VK7ZE	K9JIG	AC8AZ	K8LBT
JM3XZC	W1FC	KI2Y	AF3K	KC8YG
K1RE	W3JM	KM5VI	DL9QJ	KE3ZT
K2IRM	W6BBS	N4NYY	F5DBT	KE7AUB
K3PL	W7CD	NT5O	F8DHE	KI4SFT
KB1W	WB9YJE	PT7CB	G0MMI	KJ2AM
KI8AE	112	TA1UT	JA5GOJ	KJ4SKO
N3DD	3C3CA	TA2RC	JA9IWR	KO4XI
NA1DX	7Z1CQ	TA7AZC	JH4GNE	KW1X
NG8T	DL5FAC	W7WT	JI1IZS	LU2AH
NK5K	G0DTX	W8PE	K0FD	N2IFA
W0QKL	G3YFE	WB8PKK	K4AEN	N5FPW
W2ZK	GM0SCA	WU4B	K6JAD	N5TW
W8LR	IK4EWN	XE1ZTW	KB3Z	N7TP
WD0AJG	IS0BQE	110	KB7DT	TF1A
WN0L	JA4RED	AC0B	M0AQM	VE7VV
WT9U	JA8WGX	AG5Z	N4LS	W4DVG
XE1EE	JF3AHI	CT7ANG	N4WD	W6CN
YB2BNN	JH0LME	DK4MX	N6RVI	W7SMW
ZS4JAN	K0XM	EA1BLA	NN8L	WB5ZAM
	K4HEB		NW6R	WC4B

107	G0RPM	K5WE	N3PW	W7KHZ
AB7RW	G3LPS	K6GCN	N4PAJ	W7UV
BG8PA	G4FVZ	K7CMZ	N4ZR	W8EH
DJ5FZ	HI7SB	K8FB	N8TEM	WA8KNE
DK2GP	IZ4IRO	KJ8N	N8WXQ	WC9C
DS4OMS	JA3AOP	KK4MA	NA8W	YB1ALL
E73D	JA3FRI	KR0P	OM6CI	ZL1IM
EA2BFM	JF7NNI	KZ4EX	OZ9U	
EI5GSB	JJ1IRS	LA9JKA	PY2YW	102
IC8XIL	K6VWE	LZ1JZ	RV4LC	4X1VF
JA3MAT	KA9TOX	N2YU	VE3ZN	5H8HZ
JE1CTA	KI0KN	N9APK	VK3MB	5W1SA
K0FJ	KI4NSP	N9IXD	W0VU	AC0XY
K2FJ	KM8V	NC1M	W5PD	DB2WD
K2ZD	KT5V	NC7M	W9GXR	DL4FDM
K4LQ	M0PCB	NK7L	WB4HMA	IC8SQS
K6DLB	N4DJT	OH6IH	WB7QXU	IZ7QSS
K7UWR	N6UOZ	PV8RR	WF8Z	JH1IHG
KA4LBD	N7MW	VU2DED	WX0B	K1MDA
KB0EL	N8OYY	W1PY	YB1BUL	K2DH
KF2G	N9ZJ	WB8LEM	YO6HSU	K2DW
KF6XA	NG4C	WD4OHD	ZS6HON	K4HR
KJ4FZ	NI7F	WK3A		K6BLG
KR4U	NS7K	WZ9B	103	K6JAV
LU5OM	PT2DF	YU1LD	AF8P	KA1CTL
N0MHL	PY2OC	YV4EH	DS5JMG	KA8HDE
N1UZ	SP2LLP		EA2RY	KB1AWM
NI8Z	UA0ABB	104	EI9GLB	KE9V
OV2B	VE3BHZ	7N4OBV	FM4LV	KO3F
PP5VA	VE3XK	AA2WC	HB0RER	N2CJN
RM6LW	VU2MB	AA6XV	JA7HYE	N2FY
SV3EXP	W0TLX	CT3DZ	JF1KIG	N4IR
TA1CQ	W4/KL7GLL	DD8BA	JI1FXS	N8KOJ
UX5XK	W6KF	EA4EJP	JP1KHY	NA4D
V31MD	W7GB	EI3HA	K0OOK	NN5O
VA2GA	WA3IIA	EI4GNB	K1FBI	R9GM
W5HY	WA8Y	F6ARS	K2RNY	S51MA
W8JA	WV4E	FM5FJ	K3PIN	SM0XG
WB2BXO	ZL3RIK	G0DRM	K3TXW	US8ZAL
WB2MKX		GW0ANA	K4NI	VK2GR
WC2L	105	HA5DI	K4PWS	W1GF
WM4W	AA2F	HB9BMY	K4SAW	W1MRH
WS7I	AI1W	JA1CC	K6XJ	W4GHW
WU1U	AP2IA	JA1DHY	K7HV	W7FS
ZP6CW	DL9GTK	JA1RBY	K9WMS	W7HJ
	E29TGW	JH1MYJ	KA7CVJ	W7IMU
106	EI6GF	JI4HKA	KP4DDY	W9GWP
AB6WQ	G3LOJ	JQ2MPJ	KQ6K	WB4PWZ
AC7DX	HL4GHT	K0BRO	M0UPL	WB7QBS
AC8IL	JA1JYS	K1TWF	N1MIE	WD6T
DS2GOO	JA1SZN	K2CQW	NB3R	WD9IOK
DS5MNO	JE6UWU	K4WW	NI5G	WN9A
EA3AGY	JJ2BLV	K5JUC	RX3BP	XE1SAX
EW4DX	JK1AIA	K7UW	VE7XT	YB0EIN
F5VIF	JK1AKA	K8WVA	W0PPA	YB9AY
F6JSZ	K0MB	KE4YOG	W2SUB	YO6BHN
G0OJG	K1ETA	N1FOJ	W4CU	ZS2ACP

101	W4PM	K4KYN	VE3KKB
AA9D	W6OU	K4QS	VR2PX
AB2NI	WB5KSD	K4RSA	VU2OY
AB4EJ	WD4IXD	K5LLA	W0RMS
AB8YZ	WM5H	K5MMH	W2MW
C31MF	WU6K	K5PSN	W4CG
DD9WG	WX7B	K5VSD	W4DFU
DL3XAC	YB8HZ	K5YE	W4YR
EA4UV	YO2OXD	K7VL	W5YKU
EA8TZ		K9EA	W6OZI
G3VDB	100	KA2F	W9KM
G4GEE	2E0XAR	KA4H	W9ZT
G4PUQ	9M8DEN	KB4DSL	WA2ALY
HB9PUE	A41ZZ	KB6IGK	WA2VJL
IK2HLM	A71EM	KC5N	WA3UTC
JA1KZP	AA7UN	KD1DT	WA3YZD
JA1QEY	AC0DH	KE1IU	WB0RXQ
JA5ALE	AD4J	KE8NOA	WB2ZEX
JA5JUG	AE4VJ	KF5MDZ	WB6RAB
JK3NSD	AF9W	KF5TL	WB6RJH
K0GEO	AK1P	KF9EX	WD1M
K3AXB	AK4AO	KG4IYS	WD4GZW
K3LA	DB6VH	KI0G	WI0E
K5HX	DC1TK	KI3O	WK7W
K8PGJ	DK1MCS	KI4PG	WM4D
K9GL	DK7GH	KK6MF	WM9Q
KB5YN	DL3ANK	KL2R	WU1T
KC3OPI	DL5JH	KL7XO	YB6LAY
KC4ZA	DS4GQR	KR4Q	YE1AR
KD2RUY	EA5PS	LA4EI	ZS6CR
KE9UA	EI2HZB	M1EMC	
KJ5RC	EI4DQ	N0JX	
KU4A	EI4GJB	N0KM	
LA3ANA	EW4A	N0VTZ	
M0PTZ	F5JWH	N1KI	
M5LRO	G0GFC	N3NVA	
N3CAL	G8GFF	N4GOA	
N4PF	G8GNI	N5CR	
NC8I	GW0KRL	N5LJL	
NJ2X	HB9HFM	N5LKE	
NZ1I	IK7NXU	N7WFK	
OZ5JQ	JA7PKV	N7WR	
PA3AIN	JE7KCI	N8HM	
R2ARR	JG0HEW	N8URE	
RZ6MJ	JG3LDD	N9MKC	
SV2BXA	JG5VFK	ND0B	
SV4FFL	JN1RFY	NE3K	
TG9AKH	JR4VEV	NX6D	
UA4PK	K1HC	OM2AGN	
VK4BUI	K1JX	OR4K	
VU2OT	K1PTF	OZ1GCT	
W0ZX	K2UF	OZ9GA	
W2FDJ	K2UT	PY5VC	
W2GHD	K3NO	R2AB	
W2PD	K3RRR	UR8IDX	
W3RMS	K3WSU	VA2EU	
W3SW	K4GM	VE1JF	