

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 26 Jan 2026, 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	342 JR2KDN K4DY K5UR	N4CH N8DX	W1YY WD5COV	W4PK WB9Z	N6JV UA4HBW UT7QF W4DKS W5BPT W5ZN
347 K4CIA K8MFO N4WW W1JR W4DR	KF2O N6AR NN4T	338 G4BWP I4LCK JA3FYC K9NU PY4OY W1DIG W7UT	335 I4AVG JA0EOK JA1BK JA2FBY JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	333 DJ8NK F6AOJ F6DAY HA5WA JA1HGY JA2KVD JA6BZI K6YRA N4AH N9IW NJ6P PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM	331 AA1ON AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1GZE JI4POR K4MWB LA5IIA LZ2DF PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW
346 N1DG SM3EVR W9ZR	DJ6RX DJ9KG G3KMA IK1GPG JH4IFF N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ AG9S JA2JPA JR3IIR K1ST K4HGX K8SIX N5ZM VE3XN W0BV W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT G4OBK JL1UXH JQ3DUE K1OA K3UA N4XM N8DJX SM5AQD SP2FAX UA6A	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN K0IEA KD5M N2LT	
345 HA0DU JA2VPO OH1XX	N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	K1ST K4HGX K8SIX N5ZM VE3XN W0BV W2YC W3LPL W9IXX			
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE SM3NRY W2LO	336 AA1QD G0JHC JA1WPX JA5AUC JH1RFR JH4UYB K2FF K4XP N3XX PE5T W0MHK			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB DL4MCF JA1UQP JA5EXW K4XO K5RK				330 DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN

JA3EMU	327	JL1RUC	LA7HJA	OE8RT	K5BG
K3WC	AB4IQ	JR3GWZ	N5TY*	ON4AOI	K5DU
K4CN	CT1APE	JS2LHI	N8RR	SM6DHU	LA2PA
K4ZYU	CT1IUA	K9EU	NY0V	SV1FJA	LB8DC
K9CT	DL2OE	K9IR	OH2BLD	UT7UJ	RA7A
N4JF	EA1YO	K9YY	SM6DHF	W8GC	SP1MGM
N8JV	EA5BM	SM4EMO	SP7VC		SP3CGK
NR1R	I4EWH	SM6CCO	UA3AB	320	UX0FF
OK1MP*	JA5WIZ	SM6CMU	UT9FJ	AA8CH	YB5QZ
RA3CQ	JE2LUN	SP1S		DM5EE	
SP7GAQ	JF1WPB	W1RM	322	G0BLB	317
W1ECT	JH0INP	W3LL	CT1BH	I2EOW	AB3CV
W3NO	JH8DGO	W6RLL	CT4NH	JA1ANR	AB9V
W4UM	KW9A	W7AO	EA2IA	JA3PIS	DJ5FI
	N2BJ	W9OP	F5PAC	JO7WXN	DK2NG
329	OE2LCM		IK4GME	K1LD	DL5WW
GM3POI	PY2YP	324	JA1XEC	KQ8M	HB9HFN
IT9DAA	RZ3AM	DK9KX	JA4FKX	UY5ZZ	JA2ZL
IV3JVJ	SM2GCQ	DL5DSM	JJ2LPV	VE3EXY	K2RW
JA2JW	SM5CZQ	FK8CP	K2UO	W3KX	K6RO
JA7KY	SP6M	G0DQS	K7NN	W5WT	K6YUI
JA7MSQ	YO9HP	G4CCZ	KU0A	W6XA	KE9L
JH1TWT		I0WDX	N4DW	YV1DIG	UX1UA
K0EU	326	JA2BDR	N4NX		W1GL
K1HTV	EA5BY	JA2DPC	OE1WEU	319	W6VX
N5AW	IK5PWQ	JJ3PRT	OH1LEU	DJ4AX	WA7NB
NI0G	JA9APS	JR2LJO	ON4CD	DK1FW	WD0DAN
NO8D	JE1SYN	K5KC	R7DX	EA8AKN	WX4G
OZ1CTK	JF3KON	K5MC	SM5KNV	HB0CC	
R4GM	JR3OEH	KA9CFD	UA4CC	IK4DRR	316
SP6CIK	K5EK	KV7K	VE1DX	JA9TWN	AC4G
SP8NR	K8PT	N1NK	VE3LYC	JH1DHY	DF2UU
W5XX	LU2NI	N4II	W4FC	JR7VHZ	DL6CNG
WA1JMP	N4PQX	N8BM*	W5CIA	K6AM	G0OIL
	N7RT	OE8HIK	W5TCX	K9MM	HK3W
328	NK1K	PA3EWP	W8A	N4DB	IK2QPR
AA5AU	ON4IQ	PY5EW		N4QS	IW1ARB
DK5WL	OZ1AXG	R3OK	321	RW3RN	JA1XCZ
DL7MAE	R5AJ	R3VA	AA4V*	UA3AP	JA5XAE
EA3GP	SP5DIR	RV3LO	G3TXF	YO3APJ	JA8EAT
IZ5EKV	SV8CS	VE2TZT	HB9BIN		K1BD
JA1SJV	W8DCH	W8OI	IK2YCW	318	K3WA
JH2FXK	WP4U	W9OL	JA0GJJ	A45XR	K4HB
JH2KXK		WB4TDH	JA3AZD	AA4HP	K6KLY
K0DEQ	325		JH1IFS	DL6KR	K8YTO
K4QL	EU7A	323	JH3CUL	G4PWA	KG8P
N3NT	HB9DHK	AD1C	JH3VNC	JA2IVK	MD0CCE
RU3FM	I5NPH	GM3GAV	JH4ADV	JA2JNA	N5DG
SL0ZG	IZ0AEG	IK8YTA	K2VV	JA4EPE	SM3VAC
SP9DWT	JA2FJP	JF1KKV	KX4R	JH1QAX	SP1JRF
SV1RK	JF1PUW	K4EM	N5XZ	JH4JNG	UA3DPM
W2IRT	JF7XKY	K6FG	NE1B	K2TE	W7MO
W5FKX	JH8RZJ	KF0QR	OE6MDF	K4IQJ	W9ILY

WA2VYA	313	JE2LPC	IK4ADE	DL5EBE	KB1JZU
YO7LCB	5B4MF	KM4H	IU7QBB	HB9DDO	LA3WAA
YS1RR	CT1FMX	N8TR	JA1IZZ	HB9DDZ	N8SNM
YU3AA	CT1GFK	NQ1K	JA2VQF	I1EIS	OE5BWN
	I3BUI	PY2XU	JA7IC	IK4PLW	OH8LXT
315	IZ2AMW	UR0MC	JE2EHP	JR2UBS	PY7DJ
9H1SP	JA1GRM	WB9CIF	JH1SJN	K5WAF	RL3FA
AA5AT	JA5IU		JK1EXO	KD3CQ	RW4NN
AB6QM	JA7JWF	310	JK1GOK	R8TX	SM6CUK
DL1DUO	JA7QVI	HB9SLO	K0GY	R9FM	SP2BMX
G3VKW	JF2UPM	HL4CJG	K0KVR	SP5IWA	SP3IBS
HA1RB	JG3LGD	JA2NDQ	K8OM	UN7JX	SP7HOV
IZ1LBG	JH1NYM	JA2WYN	K9MK	W5AJ	SP7ITB
JA6VQA	JR1BAS	JG3FEA	KI0KB	W5XC	SV2AEL
JA8RJE	JR1BLX	JH7RXU	KN5O	ZL3JT	W0VX
JA9CWJ	JS3CTQ	K8AC	KS1J		W1SKU
JN3SAC	K0KX	KC7V	R7NW	305	WT8C
JR2BJE	K8FL	LA9AJA	UR5EDX	AJ6T	
K8NVR	K9US	NS6C	VA5DX	CU2AP	302
N5OK	KG4W	R5DT	VU2NKS	DJ4XA	DJ5JH
NN4R	LA7JO	RA0FF	W1YM	G5LP	DL1TRK
OE3EVA	N2NL	RL9F	W2QO	JA7BWT	F5CQ
ON4IZ	N4TL	SM2OAN	W5ADD	JE6TSP	G3SVD
PY2NQ	N8KOL	SP6HEQ	W6ENZ	K0JUH	JE8CLT
SV2DGH	OZ4O	W0YG	W9MU	K3XA	K4MS
W9RN	WD9DZV	W4BP	WA5VGI	K9NW	ON6AA
WB0TEV	ZS6EZ	ZS1LS	WA8WV	N9AU*	RK4FD
				PA5TT	VU2PTT
				RA9CMO	W4QN
				SM3NXS	W9AJ
314	312	309	307		WA9PIE
CT1DKS	AA5AM	JA1EOD	9K2OD	304	WD4LBR
EA1N	F3SG	JG4AKL	DK2JX	DJ9ON	
EA6VQ	JA0CRI	K1AR	F2JD	DK5AD	301
G3NDC	JA1SYY	K2UU	I5HOR	HB9CEX	AC0A
IZ8FFA	JA1VSL	K8QM	IK0XBX	JA9FAI	AE5E
IZ8FWN	JF8QNF	K9ZO	JA1IOA	JE1DXC	HB9BOI
JA2AH	JN1BMX	NN4SS	JA1WSK	JN1RQV	HP2AT
JH1AGU	JR6FC	NU8Z	JA2XW	K7WP	JA0DIN
JR4OZR	K1HT	R9TO	JA3GN	K8GI	JA1LSP
JR9LKE	K3RA	RU3DX	JA6WJL	N7US	JA1SVP
K2LS	N1IBM	RX3AGD	JJ3HGJ	N9RS	JE1LFX
K4SO	N5ORT	SP9JZU	K2SHZ	UY5AA	JG8FWH
K5AQ	OE3SGU	UA4LY	K9RX	W5VY	K4SE
K5XI	RU3QR	W2JU	LU8EKC		LA5LJA
KB0EO	SV1CNS	WE9R	NI6T	303	MM0EAX
LA7AFA	UT2UB	YB1UUN	OE5RLM	E72U	RN3QN
OE1AZS	W7CT		US5WE	EA3GHZ	UN6T
OE1ZL	W8HW	308	W7DO	G3LZQ	WA3AFS
SM4DDE		A65BR	W7OM	HL3IUA	WB5JID
SV1DPI	311	DL2CHN	W9JA	IK2RPE	
SV1JG	IK0PEA	F4BKV	ZS2DL	K6SIK	300
UA6MF	JA2XYO	HB9TKS		K7ZA	CT1FCX
WB8BPU	JA4MRL	HK4SAN	306		
	JA9GPG	HL2IFR	DL1KUR		

DL4CF	ZL1BYZ	RM0F	WA4FFW	PP1CZ	N3VA
EA1AF		SM5FUG		RD3AW	R9SA
EI2GLB	297	SP8HKT	292	S57AT	SM5ARL
HB9CQK	BA4RF	SV1GYG	4Z4DX	SK3PY	W1VT
IW0HQE	E73Y	W5LT	DL5CW	SV3AQR	W4YCH
IZ5RVG	JA3RQ	W6XK	E72A	UN7LZ	WA6F
IZ8VYU	JE7JDL	W7AL	EA5AT	UN7TW	
JA2ATE	JJ1TKN		G8DX	W1EQ	286
JA9AA	JM1HJG	294	HL2WA	W2LK	AB5A
K6FW	K0TPP	AI9L	HL3GOB	WB9EEE	CT3HF
K8GG	K3FRK	EA6NB	IZ3ETU		DL2VPO
K8TL	K6ND	HA5VZ	JA3ENN	289	IK0AGU
K8VFX	K8WK	HA9PP	K5DHY	DL9TJ	IZ8XQC
NA5C	KG7H	IK0HFO	K7ZD	I1FQH	JA2FGL
PA3CSR	KT1J	IT9CVO	KF2DT	JA8EJO	JH1BNC
W3OA	W2GG	IZ0RVI	N6UK	JG1WSC	K1LPS
W3RJW	W6YI	JA1XPQ	N8II	JH4GJR	K1RO
W6TC	W7ZJ	JA5SUD	R6AF	K3UL	K5PS
		JA9IFF	W4VIC	KK0M	K8ROX
299	296	JE1GWO	W6SR	LA3MHA	VE1JBC
4X6ZK	AA8OY	JH1BAM	WT4Q	OE2GEN	W3GQ
DM2DXA	AD6W	JR1DUP		PU2POP	W6PJ
EW2A	CT1DOF	K7ZV	291	R0FA	W8AXI
HB9RG	EC3A	KD0Q	EA6ET	VE3EK	W9MJ
IK5RUN	EV1R	KZ4V	G0EHO	W9YSX	WN6W
IZ4MJP	GM0AXY	N0KV	HB9RYZ		
JA1JAT	IV3YYK	N7IR	JA1QXC	288	285
JA7LGE	IW0SAF	RA1QD	JE3ENP	CT3MD	CU2DX
JG0CQK	JA9FPI	RU6L	K1DG	JA2JRG	DL2SWN
JJ1DWT	JH4ALY	SV3DCX	K4ZO	JA2XCR	EA3GHQ
K1GG	JK1TCV	UR5WA	KP2A	K3WW	EA5KA
K9SM	K0KT	W3JX	LA5HE	LZ2JE	IZ3ENH
KB8VAO	K3PA	W9FR	N2TN	N4LR	IZ8DFO
N9FN	K8VC	YO2CMI	N7RO	N5LZ	JA0PE
UA9FAR	LA8PT		N8LJ	UA3AGW	JA2IYJ
VE3BW	LU4FPZ	293	N8PW	W1YIF	JA2VMU
XE2CQ	N0RB	DL1HRN	PY2KP	W2LE	JR8AMF
	RA3QK	DL1SMA	VE3CFK	W2NO	K0TT
298	SM6BZV	DS1JFY	W8TN	W3FOX	K1USA
5B4AHJ	SV9COL	EA3WD	ZL4TT	W8AV	K6GXO
AA4R	UA6YW	G4GIR		ZS1A	K6PJ
DL7BA	YO2RR	HB9BAT	290	ZS2EZ	KJ6P
JA4ITW		IK8VRH	AA4A		LA8HGA
JA5BEN	295	IW1QN	AA8R	287	OE1WHC
JA7MYQ	AJ9C	JA2CXF	I4KDJ	9M6YBG	PE1L
JL2JVX	JA1BPA	JA3EOP	JA1KQX	AA8LL	W1OPD
JR7WFC	JA1FQI	JH0BQX	JA3XNH	IV3GOW	W9HBH
K2PK	JE2DZC	K4JAF	JF1NZW	JA8DNV	WK7E
K5VIP	JM1FHL	KD0PO	JH3GCN	JA9NLE	
K8EUR	K0BBC	N2LM	K5RT	JE2OVG	284
N4RWG	K4XD	PY2IQ	LA2QM	JF2WGN	7K1PTT
ND0N	K5ZK	S55DX	LA9VFA	K0AZ	DL6JZ
PY2VA	N7TY	W7BEM	LU3CQ	KQ4AV	EI9FBB

GM3PPE	K0GD	W4MAY	PA7RA	IK5PWN	269
GM3YOR	N2WB	W8MHW	SV5DKL	JF1LMB	HB9IQB
JA0DET	N5GH	WF2S	W7MEM	JH1OBS	IK7FPV
JA8CJY	OZ1IKY		WA0MHJ	K1UU	IK8EPC
JG3SKK	SM5ENX	277	WA0RVK	K7EG	JA1OVF
JH3KAI	W0LS	EU1KY	XE1MEX	K8BL	JA1VLK
JH3SIF	W8KEN	F5PBM		K9MBQ	JA4VLK
OH4UI		F5UJK	274	KB1EFS	JP1NWZ
SM0CCM	280	IZ4DPV	7M4AOE	KI4GE	KR0P
SM6CTQ	CT1EAV	JA8EOT	EI6FR	N5BO	NW7E
W2AY	JA5FDJ	JH3FHQ	EI8IU	NV9L	OM4EX
W4FQT	JA6TMU	K2AJY	EW1KP	OE5FIN	SM5FWW
W5ODD	JH1HHC	K8UT	IW0HOU	PA0ZH	W5DM
W8BBQ	JN7DOS	N9RD	JA8ZO	SV1ACK	YB1AR
W8HC	JR6LLN	ON4CAS	JH1IAQ	W1MK	
WB2BIN	JR7FRW	UW2ZM	JM1GHT	W2OO	268
	K4WNW	W1KSZ	K3PT	W3AP	DL9FCY
283	N2DPF	W1YRC	K6UM	W3ICM	HB9DHG
DF2GH	N2JJ	W2PP	K8DV	WA1S	JA1IAZ
JA1RTX	PY2DS	W3BW	KA8SYV	WL7E	JA1NWD
JL1XMN	SM0NJO	W8RLS	KA8ZPE		JA1VRU
LA0FA	SM5CZK		KS3F	271	JH2VVH
N6TA	UT7UV	276	RA5BM	4X1RU	K5VWW
OE8SPW	VK3HJ	DK3WW	SV9AHZ	IK2DZN	KD4W
OH1JP	W8LGJ	HB9BUN	UA3ECJ	IZ8EJB	N2AJ
OH1ZK	ZS4TX	HB9LCW	W3ACO	JH1OCC	N5JB
ON5UE		IZ5BAM		K2SN	SM6BGG
SA0AQT	279	JA7FWR	273	K3PU	W0JM
W1LW	AA6AA	JA7LMZ	CT1BWU	LA9GX	W2FV
W6BJH	HK1MW	JA8UIV	DH2PC	N4UOZ	W9OO
	HL4GAV	K6EME	JA1KPH	N7XR	WA1YTW
282	JE8TGI	N5MOA	JA2TBS	NN4X	
K1DT	JF2XGF	ND4X	JA6BEE	SP6JIU	267
K4RG	JH7BKN	NK0S	JA6GPR	UA3TT	DL4DW
K5UO	JK1UNZ	OZ1LCG	JA6QHJ	VE3YF	HB9MFM
NA5DX	SV1FJP	RX4HZ	JM2RUV		IV3VBM
PC3T	VE3DZ	SM5CLE	K6IPM	270	JA2QXP
SM4CTI	W4UCK	UN3G	KA1ERL	AA4FL	JA7BEW
UA0BA	WO7R	W1ZT	KI5BLU	BA4MY	K7XB
W4OX	WS5W	W2OIB	LB2TB	DK8MCT	K9FN
WA3C		W5GO	N4IG	EA1KY	N7BT
XE1KK	278		N4JQQ	F6HLC	SM5BMB
	9A4T	275	N4QQ	F9XL	W6DR
281	EA8RR	AB4SF	N6RV	G4XEE	W6RS
AD5Q	EI9JF	DS5ACV	OZ1ACB	IW7DVM	
CT1FPQ	F2NH	JE1BMJ	RW7M	K0BJ	266
EA5OX	JA8LRG	JG1OGM	VK3BDX	K2KA	IK0UTM
F3AT	K2UR	JJ3CJP	W4HG	K6BV	JA3BXF
IZ8FDH	N4HB	K1CA	W8QZA/QRP	K7UA	K8AJS
JA0KJE	N9ISN	N6PSE		K9JF	KG9Z
JA2FCZ	OZ4VW	N7KA	272	SM7IUN	LA6UL
JH4HMG	SM4AZQ	NF1G	AF9H	VE6LB	N1API
JO4CFV	VE3CRG	OE3HWC	I5OYY		NU1B

PZ5RA	EA4DL	WA5LFD	ZL2IFB	VR2XMT	K1EFI
RA4CA	HA5PT	ZS6WB		VU2CPL	K5FZ
SV1HEP	HA7UW		257	W2/CT1GIF	KB9DAK
W0FLS	JA7XBG	260	6K5YIA		OH7TV
W7YAQ	K1KO	AA9A	AF4HX	254	W2GW
W8MET	K4KAY	EA8MT	DJ0UT	AG1A	W2TB
WB2GAI	K8FH	EA9IE	EA1JO	BA7IO	W2ZI
WB3LHD	KN6KI	FG5FR	EA7SG	CT1BWW	W3ABT
WQ6Q	N1RR	JA2FBC	EB3CW	HB9EFK	W7CA
	NA5Q	JA3VPA	HL2CFY	IZ5YHD	W9FI
265	W0GG	JH3FUK	IK2PZC	JH1IED	WA4CEM
4F2KWT	W9JJB	JH4ADK	JA6OXT	JH1VUO	WA4JQS
G3UAS	WA4LOX	JJ2WOC	JE1PNX	K0GW	WV6E
G3WPH	WS9V	K1ESE	K1SM	K3SEW	
JA3WLN	ZS6NJ	K8YSE	N6HC	KI1U	251
JA4FM		LY1G	PY2MC	LA5YJ	9A4W
JE2RDO	262	N1SV	RU1AB	NE8P	DL2RTL
JH1ACA	CU3EJ	N6MZ	SV1VS	UA3O	IK0LNN
JR1WCT	I5REA	PY5IP	W3FI	W7HPW	JA1DDZ
K0DD	JA8BAR	SK7AX	W8MJ	W8IW	JA1EMQ
K2CBI	JK1VXE	SP6A		WB4KTF	JA1SKE
N5KM	K8AV	TG9NX	256		JA5BGA
N9JV	LA9FFA	WV8DX	BH4QYX	253	JH1DGJ
VE3SKX	N0RN		DH0GSU	AC9O	K4VIG
W2XI	N3RC	259	EC1A	FG4NO	K8CW
W6TMD	NK4L	CT3KN	F4GVO	HL2EIZ	KJ7TEA
	NX0I	DJ8NT	FG8OJ	JA6IVR	N4SC
264	OH2IS	DL9GTB	GU0SUP	JA8XQI	N5UL
4Z1UF	W5ZG	EW1BA	IK4HPU	JE1HRC	N6KZ
EA1KP	W6NWS	HL3DE	JF2VAX	K6MKF	NV4B
EC1AIJ	W7LGG	JA8BNP	JH1RGG	KE1F	SM3LGO
F6DBX	W7QDM	K2UFM	JR7GBL	KM6HB	SM5FQQ
IK4AUY	W9PZT	NI3P	K4JJW	NH6T/W4	VE3YV
IS0AFM	WA3GFM	PY5CC	K6EID	UA0FO	W2JLK
IZ0NRG	WB8ART	SV1FKZ	KF9UG	W6RW	W4SK
JA7HRM	YB2DX	VK4CAG	M0TTB	W8CZN	W5GAI
JF2WXS		W1KDA	VK3NX	W8GNM	W8OP
JR3UIC	261	W7AH	W6DE	WF4U	
JR4LNG	7K1CPT		W8JRK	YB0COU	250
K8RRT	DK3PZ	258	WB7B		EA1RT
N1EN	EA3EQT	CU3EQ	WV9L	252	EA4DEI
N1GC	IZ8IEV	DK7YY		DL7UPN	G4FKA
N8OC	JA3FHL	E21EIC	255	G3KWK	HA7TM
NT5V	JE1VTZ	F1ICS	AI6Z	G3NKC	HB9EBM
PA7TWO	JE2UFF	HI8R	EA5RD	G3SBP	JH3GFA
SV1CQN	JH2PWY	HL3AMO	F6ECI	HL2KV	JH6PFY
VE6AX	K2FW	JA9AGN	HC1BI	JA1BNW	JL1MWI
W5PF	K7LJ	JJ1BMB	IV3TMM	JA4HAW	JR0EQQ
WV4TN*	KM1D	KH2L	JK1OPL	JF3PNQ	JR5JAC
	LA5SJA	US0YA	K1FEV	JF6XQJ	K1KA
263	N9UA	W1SSN	KR4F	JH4CBM	K3NQ
DK4TP	OM8FR	W5JAY	N1RK	JL1BYZ	K9YC
EA3CJ	SM7CQY	W9EWZ	N6PM	JR1VAY	K9ZM

KA9UVY KQ3F PA0JSE PY2FN W7IU YL2KF	KH6M KZ5DX N7DED NA9RB NE6I NF4A OZ7FOC S51NM VU2CDP W7IB	W4REX W5PJR W9DX WA2USA WA3F WA8MCD WC3W	W5DNT W5QM W6AER W8FIB XE1RBV	W4KA W5LO WA4QMQ WB0TVY ZL4AS	JE1IBI K0EOO K4YJ K5CWR K8ZM N2FF N4IQ NA5Z NW4M TA1CM W2DXE W7YW
249 AA9RR AC9EM AF5CC IZ8GGF JA8FFM JH1APK JH8GEU JJ1QUV K9NR KF7F N3KN OZ5NJ SM4OLL UN3GX W0RX W6JZ W8IQ W9RC WB8K XE2D XE2X	246 GW4TSG IV3KFB JH1UBK JK1WSH K8YYY KB6CIO W1KMA W5ZO	243 G4XRV JA2EPW JE0ART JF2OZH JS6TWW K8ME W1BR W4PNY WB8CQV WX2U	240 G7SSE IW3GJF JA1DM* JA2FSM JA3NHL JE2EBT K4QE K9JU KE8UM KF0LA N0ABA N4HID PY2GG SP5LKJ UX5UO W0SZ W8WEJ W9LN	237 CT1BOY G0VXE HB9CXZ HB9HBZ JH1DGQ JR0QFA K1RV K2NV KK9H KX2A SM0MPV UN9L W8UN WA0ROI WB8B WB8ZRL YO3JF	234 DF7EE DK2CC HB9BYQ HS1NGR I0LYO JA2OLJ JH5HDA JK1BSM JR4LZX K0VM K4JC K4MF KE5FXE ND4V W3WST W9MO WA5UA WB0O
248 AA7G AK5X DS5DNO EI2HY G3VPW HB9DOT I0JBL JA1PBV JE2VLG JJ1SKG K3EA LB5WB N4QWZ N4XP SV1IW VU24DX	245 AJ8MH G3KMQ HB9DVO HB9JOE JA3QOS JF1WLK JJ6DGP JL3OUW K5IB K9GA KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL	242 EI9FVB JA4ZA JH1ERJ JH1WJR JR1MLU K3WWT K4PB K7FEL KJ7M LU6ETB N2NS N4XYZ N6HY N8HRZ PA3BWD RC2A SV8CKM	239 DJ9RR DL8SDC EA5B IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO K2XF N8SHZ WA6JA	236 HB9DQV HB9ZS IK2DUW JA1HOM JA1JYE JA3KNN JN1NOP K1ACL K2RU KM3J KS4S N4GN N6IE NJ7G OE2BZL PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX	233 AA9GR AJ4A DS3HWS EA5AR HB9VAB JH1SOD K8BN K8EAB N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S
247 CT1FUH DS5TOS K1PL K3VAT	244 HL5BMX IK8UHA JA1CZI J16IHG JN1NBU K0KG K1XV K1YR K6ZZ KK1W VE7TK W0QQ	241 AB5C G8AJM JA1MZL JA6AVT JH0OXS JP1IOF K2TER K4KGG K7KB KV1E N4OA N9SF VU2DCC	238 IK2GAJ JA0LXP JF0JYR K0VSH K9OR KA4RRU M0CSD N4PJ N5ZC N9PGG SP5ES SV8DOU W3MR	235 EA7QW EU1U JA0KJD	232 DL8DWL

EW4C	K3FM	K2HAT	ZS2Y	KU4XO	N4JT
G3XLF	K4CMS	K2SD		RU0SN	TZ4AM
HB9BNQ	KD1F	KK0DX	223	W0BM	W3BJ
HL2ZN	KI4DLS	KK4OK	AB4UF	WA0WWW	WA2NPD
JH6DUL	KW1DX	N2KX	AF2C	WB0N	WB8BZK
JR3VMJ	N4NW	N2SQW	EA7DUD		
K4ST	UR5FEO	N5ET	I8MTQ	220	217
K5FNQ	W1WC	N6BM	IK0WRB	AA4LR	7L2QAD
KB1DMX	YB1TJ	N9AOL	IK2RZP	AA6RR	I1YDT
N3PS		NG7M	IW9DNI	AD7L	IK0CHU
N9JR	228	W7HR	IZ8MBW	DL4LAM	IZ0BVU
NY1V	7J1ADJ		JP1GUW	EA5DFV	JA2NNF
NY2NY	AA0MZ	225	JR0AMD	IT9ODQ	JA7ZP
RQ3A	F1RAF	DK5RL	K0NV	K1DJ	JG5RVQ
W6CYX	F5LIW	DS4AOW	K6IPV	K1NTR	JH8UQJ
W9ZCL	JA1OVD	EU1M	K9TF	K1TZQ	K1RH
	JE2KSM	JA0EVI	KD2T	K4EU	KU4BP
231	JF1RYU	JF1MTV	KI6CG	K4MIJ	N6QI
AD5WB	KE0A	JH8NQV	KW4V	K5MT	ND3L
DK6OR	KE4UW	JJ1JMZ	LU4FW	K6MM	OZ0J
IK1IYU	KE6V	K0OK	N4ENE	K7AWB	W0TM
JA2VHO	KU8X	K1JIU	WC4H	K9WX	YO3IPR
JH0AWC	KV4AA	K3SF	YL2TW	KV4T	
KD6UO	RA3QUA	K4JWA		KZ9DX	216
LZ2XF	VR2CH	K5YU		ON4ATW	AC4VM
NA4EA		MU0FAL	222	SM0DSF	CX2CC
SM7NDX	227	N0ODK	AK5Q	UR4IOR	DJ3XG
W4UDH	DF8FT	NA2AA	DJ9SO		I5XFD
	DL2RUM	W0FG	DL5XL	219	IT9AAI
230	HB9HIT	W5GZ	E77S	AA8SW	K5VR
AH0U	I0MWI	W5TFW	EA2AFV	F5JSD	K7LV
G3LUW	JA0DWY	W8UV	IZ7AUH	IK5QPS	KK4OW
JA5NPV	JA4CZM	W9KVR	JM1VRW	JA1FJJ	KR4W
JH7WQX	JK1SQI	WE1P	K2AT	K5JZ	LB6KC
J11VVB	K0IL	YO9FNP	KB5UNX	KG6I	N4SV
K2SY	K1GE		KK2M	KI7AO	N7WS
K5CD	K5GH	224	KS4YT	KR2Q	NC4RB
KC9K	N1NU	JA8NFV	RA4P	KX4TT	PS8ACL
KR6C	N6OJ	JH1OGT	VE7BV	N1KC	W0SR
N4TOL	NA9Q	JJ2KDZ	W5GA	N6DX	WB3D
W2KA	SM7WVZ	JO1LVZ	W5THT	W6GRV	WS1L
W8WVM	SP7ICE	K1CBK	W5UQ	WA3I	
W9YE	W4DEE	N3RW	W5VQ	WW8W	215
WB2NPY	W5RF	N7WO			9H1EJ
WC2K	W5SL	RW4CY	221	218	AA7XT
	WA9GON	SM7BHH	EA2AAZ	DL2NOM	HB9IIO
229	YE4FNN	SP6AXW	EA2AGV	DL4NBE	JS6QOM
AA3LX		V51B	IZ1JLG	G4VMX	JT1BV
AE0P	226	W7NN	J11NJC	HL5OC	K1ZJA
DS4GKF	DM2RM	W8LMG	K1NJ	I7PXV	KF4NEF
HB9HVG	I0OSI	WB0ULX	K4CGY	K5ALQ	KO6KD
JA7QQQ	JQ1YIW	WB7BBQ	K4MV	KB2FCV	N8NN
K0HD	K2BA	WN6K	K5DV	KE3D	RN9N
			K5ZQ		

W0TT	211	KK8MM	NJ1H	KM7R	KI4WCQ
W1JGS	BV1EK	KZ1W	NN5E	N4TV	MU0GSY
W4IS	JJ1KZZ	N6ZN	W7IUO	N6PAT	N2RR
W6KK	JO4JDU	NN9X	WA3WZR	W1DYJ	NC2Y
W6SL	JR1JGA	NW6S	W17P	W3BNN	ON6KE
WA6HBR	KT2C	NW7US		WA3FRP	PB9FN
ZL2AL	M0HIH	PY2RN	205		V51YJ
	N1BY	W1FA	AC9S	202	W9RXJ
214	N2ZA	W5FPT	DL6UNF	IK5BOH/2	WB4YDL
3A2MW	VR2XLN	WA6G	GM0VRP	JR1IZM	
DJ3AS	W6UC	ZS1J	HI3T	N8WD	198
JA7DPC	W6WF		IK3GBG	W3NS	AG7N
K0QQ	WA9BZW	207	JA4DHN	W4RDX	DJ0MCH
K2AZ		9K2BM	JA7JM	W7TUS	F4WDL
K3SX	210	DG5LAC	JA7MNF	W7VY	IT9IPQ
N6PEQ	CU3AN	JA7MAD	JO3WHB	WE2N	IV3BSF
N9KW	JA7FAS	JE3EDJ	K4YYL		JM1ESG
PY2RO	JE1PHH	K3DFL	KT4AC	201	K7PT
W0KCJ	JH6RTO	K4GO	N2KI	GI4OWA	KA1J
W4WN	K9SG	K6ZP	OH3OJ	IZ0CKJ	N3ND
WB6BFG	KD8RQE	KE1VT	VU2LBW	JA2MNB	RA3BL
WY1G	N4TD	LA6OP	WA4MME	K0MFI	VK6OZ
	N8BK	M0IKW	WA9DU	N4PYI	W3ML
213	NU1O	N9AKR	XE1J*	OH2LHE	W6SHY
9A1AD	PY2WC	OE1JIS		PP7LL	WA2VQV
AG3V	S54A	ON4ANN	204	RT5A	WB4DNL
DK3UA	W5WP	RD9M	JA0CIU	W1OP	XE1FAS
IV3FFI	W7FP	TF3DC	JF1KML	W6AEA	XE1R
JA0LFV	W9IL	VA3OKG	JL1GYZ		YV5LI
JA1FVS	WK8A	VK2CA	JM1SZY	200	
JE4RAL	YB0DJ	W1AW	K3NF	HB9AGO	197
JG1JPE		W1MJB	KB5HC	HB9FBG	4X4MF
JG3RWX	209	W4GE	KM9E	IZ8EKL	AA4UC
JR1EFG	K0LB	W9QO	N7ELL	JA3EY	BA4TB
KD4SN	KB4MRX	YB0MWM	VU2IBI	KC6JAM	EA1DLU
N8GP	KL7TC		W4GP	KM4VI	EA5HM
NA2M*	KO8SCA	206	W7IV	N1IA	IV3AVQ
SM7GIB	N9XX	AG5W	XE1L	N4HN	K6TAR
VK3FM	PU1KGG	CT1HHP		PY3VB	K8SIA
W1LE	SM5BNK	HB9CRV	203	VK6LC	KD1AB
	W6DCK	IZ0GYP	DF3EC	ZS1DX	W2CQ
212	W8BLA	IZ4DIW	F5NBX		W4DAO
G4ZOY	W8HMK	IZ5FSA	IK2RGT	199	W4HZ
JA1BWA		JA4DNC	IZ0BTV	AA3TH	WF8R
JA3LDH	208	JA6ENL	JA7JPZ	AC0X	WQ5R
JP1LRT	7N3IJT	JF1IRW	JH8NBJ	AD4AA	XE1H
JR2PZX	DL4FAP	JH1FVE	K0CS	DL5EBS	
KC2SST	G3WW	K8NK	K1VI	DM6MA	196
N4FN	HP2NG	KK5OQ	K2CYS	JH0RVY	CT3CD
SM5AOG	JH0NOS	KK9T	K4JKB	J11WLL	DF2UA
VK5GR	K0THN	KW4CQ	K8YE	JR7ILA	G1VDP
W5DAW	K4WES	N7NF	K9OW	K4SX	HB9ESS
WW2DX	K5RJ	N8BJQ	KA1DJ	K4VNY	I7LGM

I8YAV	JA1QIW	EC7B	K0KV	K3JM	W6TK
JA1XRA	JA3PRM	F4DSE	KM4NS	N5FEE	180
K1JD	KM1C	HL4CCM	LA4JGA	NW7M	A61BK
N2GZ	LZ2ZG	JA2ITK	N4ST	SM2EJE	AA4AK
N3QE	N3AIU	JA3AVO	N6VNI	UT7KF	DK1NAL
NA9A	N6DHZ	JH8KFE	UN7BY	W0MS	JH1IZR
OZ1HPS	NU4B	JI2UDK	W2CG	W6BK	K8SL
SP3F	PY8WW	K5RKS	W5BK	WB2HJV	NA5S
SP5MXZ	SM5ELV	K7UT	W5ZE	WB3BFC	TF3VS
W5AAJ	SP5IXS	K8ZT/QRP	W8QXR	WB5STU	VR2XYL
W6HYI	W8NN	KD0AA	XE1YD	WX0Z	W4DSM
WB5NHL	WB6CJT	N6MXU		YB1RUS	WC0W
195	192	OT1A	186	183	179
CT1ELF	F6FYD	SM0BYD	AA8KY	JA2KSP	DL5MHQ
EI5GSB	IZ7GIT	W9ROG	JA7FVA	JA3UNA	IK1ZNM
K4KEW	K6XN	WA8LRW	K1BZ	JE4CIL	JA1BON
KE4S	KJ4UZU	WB4GLI	K5EWS	K6LRN	JA3EEM
KF9AF	KJ4YLO	189	K5QX	LA7EIA	JH1XFR
KL0S	UR3EO	IV3KCB	K6EGF	N4MIK	JR3ADB
N3XM	VA2IG	JA1SGU	KC6X	YB2TS	K4WZ
NA6MG	XE1EE	JG1SWM	N5QS		K9GWH
NN2D	YB1TQL	K3HW	VE3NJC	182	KB7AK
OH6NIO		K6UXO	W2NY	I5FLN	KE5TD
SQ7FPH	191	KY5I	W8RV	I8LWL	KJ6NZ
VE3YXO	AA4NC	N2MEE	WA5IPS	IU8IYE	KZ2R
W3SB	G4DDL	N6NU	WB9W	JA6SQR	N3KV
WQ5T	HA5CW	NA2U	WZ4RC	JI1CQA	SP5ELW
194	JH1FNU	RM3DA	185	K5DCW	VU2MSA
A65BD	JK1AJX	RN3CT	AD0K	K7LAZ	W0UC
EA1WH	K1RI	SM4BZH	IU0ICA	KG4JSZ	W0ZS
EA5ZR	K5TN	W4AEJ	IZ2EWR	KS0JD	W1HS
JK1DDG	K8QKY	W6DPD	JA3UOQ	LA5LT	W4CCS
K1LT	KF2OG	YB4CHP	JK7LXU	N8NA	W4GHW
K4OY	N4DWK	188	K0KP	N8NB	W4TUN
KP3AH	N7MQ	EA7AN	K3PP	NZ5O	W5JMW
KR8T	NK7C	JA0GCI	K9AQ	TF3JB	178
NJ3K	NO0B	JH7NTW	KE5BR	VU3CAU	EA8AXT
SP6EY	OV5O	JS6SCC	KQ4EE	W6SFK	GM4KHE
W2OR	OZ7DN	K0PX	OZ3SM	W7WZ	IW0BYL
W4DC	VK2HV	K2AX	UN7BK	181	JA1ERB
W5UHQ	W5IP	K2DC	VA7ZT	EI3CTB	K1ZE
W7PAQ	W5SUM	N2ZZ	W0QC	IZ4AIB	K3VAR
WA1NXC	W8UQ	N7VPN	W2WG	JA1SZN	KL7TS
	WF1H	OZ9XU	W6RKC	JK1JAS	KU1T
	WI8R	W0PE	WA6EZV	KY6R	NG9J
193	190	WV4V	WV2I	N1HO	W7HUY
7L4VYK	4X6KJ	YO2DFA	184	N6VS	WB6AXD
AE4CW	AA4U	187	AD6ZJ	N8AYY	177
DH3KM	AE4M	AF6PK	EA5RU	NM1G	4X6UU
I4UUL	AG5CN	IK8GJR	EI1DG	NV4A	
IZ5MOQ	DJ9KV		IK0HBN	UA9AEU	
JA0AXV					

IW8CGX	174	YB4IR	169	166	EI6IZ
JF1LZQ	AG4Q		DM3CW	AL7R	IZ0GVZ
JG3KLF	DL5KUA	171	JA1KXT	DL1SVA	JR7XOD
K2JL	JE4KCN	AA5N	K8ZZU	GM7NZI	K0SRL
K2MK	JK1NPH	AD3C	K9OT	HL4XM	K4SAF
K3OX	JL6USD	CT2GZE	KI2D	JA0NZR	K6CF
KF4VTT	JR3TOE	DL5MM	N4BAF	JG3KMT	K6GFJ
KI6MQX	K1XE	F9CI	N4MI	JR6GHN	KA1API
OH3PYY	K5CR	JJ1BDX	N5MT	K0FLY	KC3AK
SM5CBM	K7STO	JQ1PCX	N6MB	KN4FO	KD8MQY
SP9IZV	K9HQM	K2TV	RD3BD	KR4BD	N2XQM
VK2AAH	K9UQN	K4NTO	SV1IZY	SP7QHR	N7WI
W0IKD	KN7Y	K8EB	WA6QGH	SV2CLJ	NA2P
W0JW	N7NW	KB0V	WB8EKG	VA7DX	PT7DX
W1AO	W5WI	KC5LK		W4PGC	S50B
W4KVS	W6FL	KP4DKE	168	W8SAX	W6SIY
WD8KND	WA4BIM	KW4J	A92IO	WA1ZIC	W9CSX
	WA4NUF	N8WRL	AB4GE	WA5NOM	
176	WB8QZM	ON6MX	EW1P	WB3JFS	163
DL6NW	173	W0MU	IK1UGX	YO3AIS	AA4OC
F4FLF	AB6CF	WA4DOU	JA0PZJ	ZL3RJ	AD5MD
G4AYU	AI9U	WA5KBH	JA1PVX	ZS6IR	AI4QQ
HL1VAU	HB9DVZ		JA4FKO		DS4NPL
JH8FIH	K6UNE	170	JH1ORA	165	EA1AZ
JR1FHP	K8JE	4O3A	JH3EQP	AG6HE	F4CPF
K2RET	LA9VBA	AC0DQ	K0PC	CU3HN	HA5BSW
K7CTV	N7HN	DL2JIM	K0RAR	EI5JL	IK2ULM
KK7YC	N9ATF	EA3HDZ	KB7QFE	HK3PJ	JA0MRW
KT8D	N9DR	EI5KO	KF0RQ	IK0XIH	JA4GXS
KW9U	N9IO	EI6AL	LU8ADX	JE4WOK	K0ABC
N1JP	NA6O	JA1GVT	LX1CW	JR1KBJ	K0CF
VE1VOX	NC7B	JG1GJH	OE1ALW	JR6LDE	K4GN
W4LEW	NX2X	JG1RYQ	R4FAN	K3VPZ	K9QJ
W9WO	SM0EUI	JK1BIB	SV1XV	KG4CUY	KE1B
WA3GNW	W2PD	JN4FNZ	VR2MY	KG5NP	KO4PRE
WD4IXD	W4DTA	K6JJ	WA9IVH	LA2XPA	KW4MM
	W7VAS	K7CU		N1QY	LA1CO
175	WA7BNG	LA2GH	167	N2RJ	N0AMI
EA6UE	WY7FD	LB7ZG	JA8BOV	N3KS	N4KM
IW1PUR		N3WD	JE3FOR	PT2ND	N7KDT
JE3PCP	172	N4VN	KA5JSM	RA0BA	N9LEO
K1ROA	G6MXL	N6EM	KB8NTY	RL3BZ	R3IS
K4WY	HL1MKT	N8VV	KE3X	VK3TC	SM7CZL
KD4POJ	K5TA	NJ6W	KF9LI	W2FS	VA2LC
KF6HI	KD3HN	NX4TT	KH6XT	W4CIR	W1OK
KN7D	KM4HQE	VE1OP	N1ZJ	WB2WPM	W1XV
N7NG	LZ1XL	VE2YG	N4PL	WB9PNU	W8MIL
NS3L	N3AO	W0OGH	N8JS	WC4X	WB9B
UA1OM	N5PA	W4PGM	N8OQ		XE2YWH
UA9AGX	N6VH	WA4USA	PT2ADM	164	YO3DDZ
YB1RKT	N7GCO	YO4AUL	PY2SEX	AC4BT	
	W1ASB		WA0SXV	CT3DL	162
			WA5NFC	DL7JRD	4F1OZ

AB1J	159	JE3OUW	UT7EC	DF2WF	JA7GZM
BH4IGO	AA3AZ	JG1XBM	W5SV	DU1KT	K5HK
DJ7JC	CT1ESO	JH2NWP	YB1AYO	G4AFJ	K8WHA
DS3EXX	DD0VE	K9UO		IK5BSC	K9RT
HS8KAY	DK8IZ	N4QM	154	K2EK	KI7M
JG2LGM	EA1P	N9AZZ	AC8TO	K4RDU	KX5U
JR4CZM	IK0WMJ	N9MB	AJ8B	KB1HY	N0TK
KC4HN	JA0ED	NJ6K	DS5WQT	KD2OV	N6JOJ
NP3CW	JG1WNO	NZ3M	HB9ARK	KE9S	NJ1Q
W4NBS	JH1BHW	PY1NS	JA0GZZ	N9GKE	NM4SH
W8FN	K0IO	W3HKK	JA1IHD	ON4LG	NZ6N
WA1LAD	K1EDG		JA4HXF	R9JX	ON6ZV
	KM2O	156	JA8ANQ	W6RFF	SM0BSO
161	KN6VTC	EA3HPX	JE6PJP	W7JET	VU2NXM
HB9GWJ	LA8ZAA	G4FTC	JH1AQN	YV4DYJ	W3KB
HB9MXY	N1MD	G8BCG	JR3QHJ		W4IDX
HL3ERJ	N4GBK	GM3WIL	KC1ERO	151	W4NE
JP7FSO	N4VG	HB9HHH	KC4DM	DF1IR	WL7OU
K2HT	NE5S	IZ0FUW	KJ2U	DL4KUG	ZS1C
K2OP	NF7D	JA1CCG	KL7NW	IK8OZV	
K4AR	OH3DP	JA2ODB	NE5W	J68HZ	149
KM4A	VA3NXM	JA9RT	VE3FAC	JA2BUR	7N2JZT
N7JB	W1EBM	JF2RSF	W5TMC	JE1COB	DS4DRE
N7QT	WD5BJT	JH2AJY	W8TM	JI3BFC	ER0FEO
N7VZ	XE1MW	JL3DGI	WA9MAG	K1IG	JA0JPD
NA6XX		JM1LPN	WN7J	K1QN	K2KIB
OK2ZDL	158	KA9OKH		K3GW	K4TXJ
SM3PHM	9J2BS	N5QZ	153	K4DET	K9EXY
W5RDW	G4SGX	N7RD	AA4DD	K7LAY	KD4EE
W6DOE	IK3DVY	NK7Z	HB9BEM	K9AAA	KM2E
W9GG	IW0ECV	PY2CP	I4JEE	KE4BKL	KP4DS
	JJ1KXB	W1MR	JR0GXA	KE8G	N0STL
160	K4HQK		JR7MAZ	KK4CLY	NE0U
AB2E	K5DXR	155	K0YL	KQ5S	NU4Y
E70T	K8GWU	5P5Q	K3GO	N7MB	NZ0O
F1OBJ	KB2XJ	AK9B	K8ROK	NU4I	RT0F
JA1ITJ	KF7NN	DK3QM	K9MMS	SM0NUE	TF3Y
JA1UOA	KJ7NO	F6KOP	K9UWY	VA3EJN	UA9MC
JF3VEC	N0SL	G0THF	K9YZ	VA3HP	W1DAR
JK1EBA	N4XMX	IV3TDM	KK4XL	W3HER	W4DWS
JM1JZN	N6MM*	IZ4IRO	LA2IR	W5WLA	W4MA
JR1CAD	N8TFD	JA0EBV	M0MCV	W6WA	WA1EHK
K7LY	W0JMP	JA6SUY	N0VVV	WA9JWL	WF7T
N0IW	W8LIG	K2CJ	OH3FVP	WC2C	
N4MEC	WB2RAJ	K2DF	SP5NON		148
N5WA	WB9ZNZ	K4EZY	W3DIY	150	4F3BZ
N8IL	WT2P	K4WM	W8OM	DK3BK	A71AM
NI5F		M0IFT	W8VK	DK3FB	AE0MO
W1TO	157	N8IK	WB4SON	DL9SAD	AI6P
W9FF	E20YLM	NH6L		EI5GM	F5NNN
YO8CRU	EI2JD	NO9E	152	IT9ABN	IW5EIJ
ZS6RJ	JA1UBZ	NU1T	AC6BW	IW7EDZ	JF2AIJ
	JA3MHA	OE1HHB	BX5AA	IZ2MHT	JR3PKO

K5LY	YB1BML	K6LPO	140	K9BO	W4PV
KA3GWD	ZS6UT	K7YMG	AC9GK	KC9G	W7SX
KB8ZUN		K9BQL	AD9DX	KF6A	WX2K
LZ1MDU	145	K9MQ	EI6JK	KU9S	
N7TM	5T5PA	KE4FW	K0UBR	N0LD	135
VE6TL	AA5TL	KG6D	K3HPA	N3PV	AA5H
W4AFB	AC7JM	KJ4R	K4AU	N9BVA	AB4FH
W4AG	AL7TC	KN7K	K5GZR	OD5YA	DL6WM
W8VI	DL1MEV	LB2TG	K6EV	OE6BME	GM1BSG
W9GM	EA4S	N2YBB	K6GCN	PV8ABC	GM5YTT
W9MAK	EA7LS	N4UP	K7VC	V31CQ	HZ1GW
	IZ2CSX	N7ZA	LA8PDA	VE3MSC	JA1DCK
147	JH1CTV	TG9AJR	LZ2HM	W0UHL	JA3MIO
AB9KZ	JJ1OKK	W4JVN	N2TC	W4EJG	JA7MWC
EI7GY	K5FXB	W4UFO	N7TW	WA5POK	JJ1HLL
G3VQO	KO4DKI	W7VS	NR0Q		JL2ULM
IS0/YO3RA	KQ5M	WY0V	NS0D	137	K3WGR
JJ0LZQ	KS0M		W5VU	DL2RD	K4OP
JK1OTP	N5SIX	142	W9BS	G3PSM	KC3RKY
K3GGN	N6KK	IU4BJC	WB1ASL	IZ0FYW	KC9WPS
K5UZ	NS4X	JA1PUK	WW6G	JH1SBE	NX8Y
K8MRT	W3DQS	J11UHZ	YB3MM	K2CDJ	S53MJ
KB9LIE	W7NP	K3GT		K2RKJ	W3UNX
SV8RX	WR7Q	KA6BIM	139	K6IRA	W5IO
VR2VGM		KE7BMG	F5VML	KB3IFH	W7QHE
W3NRJ	144	KV7N	F6FHZ	KP4N	WA7HR
WB8TGY	AD0TR	LA1J	HB9DTE	N9NFT	WB1DX
	DL6DCD	W8WV	HL4CBX	NI4Y	WB3AVD
146	GM0VIT		K0QB	OE3JAG	WB6FWS
AE5B	JR1HYA	141	K2IRM	PY3OG	WB9IWN
DM5JBN	K1TKL	7K3QPL	K2WJ	SM5CSS	WO5I
EA4D	K7QBO	9H1AE	K9TRV	SP3EPG	WU1U
HP3TA	K8OS	EA1T	KX4I	TA1AL	
JA3KWZ	KS8W	EI3ISB	N0CKC	W2GGY	134
JK1AKA	N5PD	HB9EXQ	N2SG	W4UEF	AB0RX
K6NR	N5UE	IZ3XEF	N5RN	W9MR	DL4ZAB
K8ARY	N9MSG	K2JK	N7UJJ	WA0WOF	EA6AZ
K8POM	RN0C	K4RM	PY2OP	WA5YOM	HB9PUE
KB9AIT	TF5B	K5VG	R9MJ	WG0G	IZ8DEO
KM8AM	UY2UZ	K8RCT	TA1PB*	WS1F	JA5SEY
N6FS	W0AIH*	K9AAN	ZL3TE	YB2IQ	JA6GXP
N6RK	WX2CX	KA5SYP			K3KY
N9MR*	WX3P	KA5VFU	138	136	K7FL
N9XG		N5JED	AC5AA	G0OSK	K7RAN
SM3DXC	143	N5JEY	DL5KUT	IS0EBO	K7YZO
TF4M	AA4MM	SV2JU	DL5ZB	KB8KIM	K9JDP
VE3NKS	AF3X	W1ITU	DS3EXT	NT5EE	K9SUH
W3IZ	DB4RG	W1NA	G0FWX	NT9F	KA9JCP
WA2MUA	EI7JZ	W5GOL	JA0CVC	ON5GF	KD2SC
WA3SKQ	FM5DN	W6HDG	JA1VRY	ON5RKN	KF5WCP
WW8RT	HB9AAA	W7KKC	JQ2MPJ	VE3FRR	KN4OK
WY9V	JA1MOD	WK9U	K2YSY	W0ANZ	LB5GI
XE2B	K2OO		K6CW	W4GH	N1AH

N6XT	N3TR	DS4EJA	127	N1GNB	KD9ZR
NC6RJ	N4EDT	DS4OMS	7Z1HL	N5HC	KE8NOA
PA0QRB	N4QOG	JA0AVS	AG4TO	N8YQX	KK4TKJ
SM3WMU	NN3V	JA1PLT	DJ5DT	VE3TMG	KV8P
SP2LLP	ON6YH	JA2ACI	EA4TX	VK2DAG	KY6AA
W2KNG	SM7DXQ	JA3WMS	HB9TJG	W7FI	N0YO
W4UAT	UW7UA	JH1RFM	HK6K	W9COS	N4LSJ
XE2AD	W3KHZ	JN1SUT	I2YPY	XE3E	N5VBK
	W4MC	K7ORK	JA0BES		NT4K
133	W5FL	KB4KBS	JE2VYM	125	W0DD
7J1ABD	WA1HXX	N9AVC	JG1LRE	AC4XO	W6ELI
DG1SGW	WA1KXV	SM2YIP	JG5DHX	AF8C	W6ND
DL8OH	ZS1EL	VK5CE	JH1HRJ	EI8GS	W8PAT
G4NBS		W4BH	J11MNT	G4EHT	WW5L
HB0WR	131	W7TG	JJ2VLY	IK8PGE	ZL3REX
HK4EB	EA3NG	WU7X	JR1LZK	IZ8EYN	ZS6NK
JA5IBP	JH1IYY	XE1ILI	K2GW	JP1GVC	
JF2OHQ	JK8VMB		K5KEW	K0MD	123
JM1JIV	JM1CMA	128	K7LFY	K1FUG	AB4BJ
K6ME	K0ARM	A71XX	KF3N	K5NOF	AE5FM
KC2STA	K7GA	EA1AHA	LA2LI	K9ARZ	AI5EG
KG6WIK	KA5IAU	EI3IO	N0AB	KI2Y	DJ6OZ
KI4TZ	KD2NF	F4GTB	N0DL	KK5J	DS4DBF
KR4DA	KN4WOJ	HL2DBP	N1BZ	N6DW	G6NHU
LA9KY	N0AKC	JA6NQT	N3GTG	NA7RH	IK0XKP
N1BKB	NG4DX	JH1AWJ	NA1RL	NN6CH	IZ8LMA
N5EI	NN6K	JH4GXE	ON5EQ	SM5AFU	JA1GLE
OH4KRN	W2FDM	K6OJ	VE3EDY	W0XE	JA2HOL
OH7HM	W5EC	K7PTC	VU2TMP	W3ATV	JH1RVQ
VU2ABS		K9YKL	W0MF	W4AO	JL3RNZ
W1GY	130	KC2WUF	W3KN	W5CWQ	K2JGL
W3MF	AA4QE	KD0KZE	WB2KSP	W6PG	KC2THY
W6OUL	DL1SWN	KD5R	WB9TFH	WA4TMJ	KG4OJT
W9SE	JA2LMY	KK7BR	WC2L	WM4AA	LA2XNA
WA6MRK	JH3PRR	LU6XQB		WR2G	LX2SM
WB1S	JL4BSE	N0JR	126		N1ECC
YO3GJC	K2MHE	R3BB	AB9BH	124	N1GFV
	KD4CM	TF3MH	CU7AJ	DJ3EJ	N6DVR
132	KG2U	UR9IDX	EI4HH	EC4KW	N9RE
7L3SQL	KI0HA	W0QD	IK4TVP	EI8IQ	OH3TY
AA4FU	KN4JX	W5MF	IU8GNY	G4RGK	PY2ADR
AK3E	N2YF	W6IS	JA5CDL	IT9YOZ	SV7CUD
AK6I	NS4F	W8BI	JA5XPD	IZ1UKF	VE3VHH
I8NLC	OZ6TL	W9EBO	K2GLS	IZ5BYJ	VU3WUA
IZ0COI	PU4MMZ	W9TO	K5KDX	JA3AOP	W2ARP
JA9KRO	W1MO	WA2BOT	K5WRE	J11DMH	W2WGK
K4BNF	W9CTJ	WA4UWD	K7PO	K3SUI	W4UT
K5SES	WB8RFB	WC4V	K8GT	K6VVK	YB9WZJ
KD3UY	YO8PS	WP4CQ	K9QA	K7HC	
KG8OU		WQ1H	KC5RR	KB4DSL	122
KI7HO	129	YB0AZ	KK4CB	KB8DID	AA0BH
KK5ID	AD6KQ	ZS6AKU	KM4CQG	KC2NJ	AA5B
M3DFW	AE7U		KS4WA	KC4AA	AB5YI

DL6LZM	W3JXP	JA6JYM	IZ7QFN	W9LU	WD0AJG
G0HSA	W4CC	K7LOL	JA8WGX	WA4VJK	WN0L
HC1HN	W4KCM	LU9DO	JA9KA	WW5RC	WT9U
JA9ALR	W7PC	N8LCU	JM3GXU		YB2BNN
K0HQW	W9MB	ON8PHD	K0FF	115	ZS4JAN
K1AJ	WA1W	SV1BYI	K4AEH	AA9WO	
K3DQB	WA7HQD	SV2KF	K9LCR	AF7WM	113
K4VAC	WQ8T	VK7AP	KA4AHU	E74A	AB1NS
K7BWC	WT3Q	W1ZK	KB2S	HL4RBR	AC0B
K9KJ	WU9D	W3MRL	KB5CSQ	IW2FLB	DL2DCX
KB4ET		W6ZPL	KO4PY	JA0NPQ	EA5DPL
KN9N	120	W8EOG	KP4ED	JA2KGQ	EI2FG
N1ZZ	AA2T	W9JJ	KZ1X	JA3KKE	F5EOT
N4GRC	AC4TO	WJ1B	N1SZ	JH8LEY	F8GB
N9ATD	AE5LK	ZL2AO	N2IFA	K8CR	G0UII
UT9LC	AI2S		N8AGU	KB4CRT	G4NAQ
W1ES	CT7ABD	118	VE7NY	KB7V	G4YCS
W1HEO	CU2CE	6K5AQY	W3LWH	KG4URP	HB9GZE
W1KKG	DS3DNT	AE1T	W4ARK	MM1PTT	JA2CPD
W5HNC	DS5QLJ	AJ6X	W4PG	N7PIB	JA4CSJ
W6HB	F5AQB	DJ9KM	WA6VZN	NE1RD	JF1AZQ
WF5I	IK8IPL	IZ0RPS	WB9WHQ	NG0G	JG0HEW
XE2MX	IT9JPS	IZ1JIZ	YO6HOY	NW6V	JH1GNU
	JA1DCO	JA1CCH		OE5MPL	K0FJ
121	JH5OTE	JA2KPW	116	SP5BMU	K1JKR
5H8HZ	JJ1XVA	JA6CMQ	6K2ILX	W4OV	K2KNB
AK0A	K3QB	K9KJS	AA0FT	W5WS	K4JDJ
DL7UGO	K4IE	KA9JAC	CT7BQH	WB4MM	K4JLD
HA2EQD	K9CHP	KB3KJ	EA5GXI	WJ5K	K4TR
IK6BMU	KJ6Y	KD9BIE	EI4BZ	WS4H	K7MO
JA1CPN	KM5VI	KG5VK	G8GHD		K9DUR
JA1EYN	LU3XX	KM6WXB	JA5GOJ	114	KA5OWI
JA1WTO	N0TR	KX6C	JT1CO	AC0W	KB1OIQ
JE2DOD	N0UCR	LZ1XZ	JT1DN	EI2IP	KB2TGU
J15WDC	N1TQP	M0NGN	K1EO	G3CWW	KC0V
K1LTJ	N2SO	N3HYB	K4GHS	HC1HC	LU3JVO
K3CWF	N3DV	N8KUS	K4LCP	I0BJV	NC6R
K5TU	N3GS	NA9L	K8JRK	JA1CPU	S52R
KK4ODQ	N4UFP	R6TY	K8MN	JA8EIA	SV2DSJ
KU2A	NJ8G	VR2CC	KC1RET	JG4OOU	VA3AYA
N3ER	NR2D	W4VG	KD5RBU	JM3XZC	VK7ZE
N5ZY	VE3QAA	WA7ZXD	N0ATQ	JR4DHK	W1FC
N6BDX	VR2ZXP	WA8RCK	N2ZL	K1RE	W3JM
NA2R	VU3RGB	WB5TOI	N3CAL	K3PL	W6BBS
NA4MM	W1RG	WD0ANB	N4KEB	KB1W	W7CD
NY4G	W5RYA	ZS2I	OE6CLD	KI8AE	WB2UFF
OZ6EI	W6GJB		RW6MBC	N3DD	WB9YJE
PP2FN	WT5L	117	SM1NJC	NA1DX	
TA1L		CE3FZ	VR2IL	NG8T	112
TA7AZC	119	DL9QJ	VY2RU	NK5K	3C3CA
UA0FDX	DL2VWR	F8EZE	W0LGQ	W0QKL	7Z1CQ
UR5FLN	F5BAR	HB9MZI	W1HQ	W2ZK	DL5FAC
W3/NH7C	HL2MHU	IS0BZR	W7WES	W8LR	G0DTX

G3YFE	WB2AA	K0FD	KJ4SKO	TF3G	W6KF
GM0SCA	WB8PKK	K0TI	KO4XI	UX5XK	W7GB
IK4EWN	WU4B	K4AEN	KW1X	V31MD	WA3IIA
IS0BQE	XE1ZTW	K6JAD	LA4EI	VA2GA	WA8Y
JA4RED		KB3Z	LU2AH	W5HY	WV4E
JF3AHI	110	KB7DT	N3TTT	W8JA	YO4CPO
JH0LME	AG5Z	KE9V	N5FPW	WB2BXO	ZL3RIK
K0XM	CT7ANG	M0AQM	N5TW	WB2MKX	
K4HEB	DK4MX	N4LS	NJ2X	WM4W	105
K4ZMV	EA1BLA	N4WD	TA1HZ	WS7I	AA2F
K4ZRJ	EI9HX	N6RVI	VE7VV	ZP6CW	AI1W
K8CJY	G4VWI	N7TP	W4DVG		AP2IA
K9KDS	HB9BEP	NN8L	W6CN	106	DL9GTK
KH6P	HG6IA	NS7K	W7SMW	AB6WQ	E29TGW
N0OK	IZ1EPM	NW6R	WB5ZAM	AC7DX	EA4E
N8AID	JF3KOA	NX1P	WC4B	AC8IL	EI6GF
NQ4A	JH1FRW	PF7M		DS2GOO	EI8JB
NZ7Q	JR2PAU	PV8DX	107	DS5MNO	FM5FJ
PV8AJ	K3MSB	SP7ASZ	AB7RW	EA3AGY	G3LOJ
S51DV	K3WSU	T88UW	BG8PA	EW4DX	GM1TBW
W1USN	K4KAL	TF1A	DJ5FZ	F5VIF	HL4GHT
W3WN	K4RP	W3GP	DK2GP	F6JSZ	JA1JYS
W4LLP	K6DJ	W4JDS	E73D	G0OJG	JE6UWU
W5GCX	K6SLO	W5SG	EA2BFM	G0RPM	JJ2BLV
WD8LTM	K9TVG	W7CB	G4FVZ	G3LPS	JK1AIA
WF4W	KF8PD	W7VP	IC8XIL	HI7SB	JS2IYY
WN1M	KN6HIP	WA6URY	IW1PVT	JA3FRI	K0MB
ZL3PAH	KV3W		IZ1XBB	JA7HYE	K1ETA
	N1TQ	108	JA3MAT	JF7NNI	K5WE
111	N3YZ	7M4CLF	JE1CTA	JJ1IRS	K7CMZ
AD7XG	TF8GX	AC8MR	K2FJ	K6VWE	K8FB
AJ6V	W1ZZ	AC9DX	K2ZD	KA1CTL	KJ8N
AK4N	W5JE	DB9CR	K4LQ	KA9TOX	KK4MA
EI4GNB	W6TCP	DL1TPY	K6DLB	KD2RUY	KZ4EX
EI9CN	W7YED	DL2AMD	K7UWR	KI4NSP	LA9JKA
F8DZY	W8TE	DL2NAI	KA4LBD	KM8V	LZ1JZ
G4ZWY	W9GFB	DM5TI	KB0EL	KT5V	N2YU
HB9ECS	YB1SKR	DU1IVT	KF2G	M0PCB	N9APK
JA4DLF	YO5QAW	E70X	KF4JHG	N4DJT	N9IXD
JA5EEU	ZS5LEE	EA5XV	KF6XA	N6UOZ	NC1M
JE1TNL		G5CL	KI0KN	N7MW	NK7L
K2KYH	109	HL5JYS	KJ4FZ	N8OYY	OH6IH
K5NV*	AA4RX	IK1RKN	KR4U	N9ZJ	PV8RR
K8ZEE	AC8AZ	JA2DCN	LU5OM	NG4C	VU2DED
K9JIG	AF3K	JH1OVY	N0MHL	NI7F	W1MRH
N4NYY	F5DBT	JR4NUN	N1UZ	PT2DF	W1PY
NT5O	F8DHE	K3XO	NC7M	PY2OC	WA1DD
PT7CB	G0MMI	K8LBT	NI8Z	UA0ABB	WB8LEM
TA1UT	JA1IAW	KC8YG	OV2B	VE3BHZ	WD4OHD
TA2RC	JA1QEY	KE3ZT	PP5VA	VE3XK	WK3A
VA6SZ	JA9IWR	KE7AUB	RM6LW	VU2MB	WK7W
W7WT	JH4GNE	KI4SFT	SV3EXP	W0TLX	WZ9B
W8PE	J11ZS	KJ2AM	TA1CQ	W4/KL7GLL	YU1LD

YV4EH	YB1BUL	AC0XY	EA8TZ	YB8HZ	K4QS
ZS1IS	YO6HSU	DB2WD	G3VDB	YO2OXD	K4RSA
	ZS6HON	DL4FDM	G4GEE		K4TMG
104		IC8SQS	G4PUQ	100	K5LLA
7N4OBV	103	IZ7QSS	G8GNI	2E0XAR	K5MMH
AA2WC	AF8P	JH1IHG	IK2HLM	9M8DEN	K5PSN
AA6XV	DS5JMG	K1MDA	IU2LFP	A41ZZ	K5VSD
AB5GU	EA2RY	K2DH	JA1KZP	A71EM	K5YE
AJ4AV	EI9GLB	K2DW	JA5ALE	AA7UN	K7RB
CT3DZ	FM4LV	K4HR	JA5JUG	AC0DH	K7VL
DD8BA	GI3SG	K6BLG	JK3NSD	AD4J	K8DTF
EA4EJP	HB0RER	K6JAV	K0GEO	AE0SQ	K9EA
EI3HA	JF1KIG	KA8HDE	K3AXB	AE4VJ	KA2F
F6ARS	J11FXS	KB1AWM	K3LA	AF9W	KA4H
G0DRM	JP1KHY	KO3F	K5HX	AK1P	KB6IGK
GW0ANA	K0LU	N2CJN	K8PGJ	AK4AO	KC5N
HA5DI	K0OOK	N2FY	K9GL	DB6VH	KD1DT
HB9BMY	K1FBI	N4IR	KB5YN	DC1TK	KE1IU
JA1CC	K2RNY	N8KOJ	KC3OPI	DK1MCS	KF5MDZ
JA1DHY	K3PIN	NA4D	KC4ZA	DK7GH	KF5TL
JA1RBY	K3TXW	NN5O	KE9UA	DL3ANK	KF9EX
JH1MYJ	K4NI	R9GM	KJ5RC	DL5JH	KG4IYS
J14HKA	K4PWS	S51MA	KU4A	DS4GQR	KI0G
K0BRO	K4SAW	SM0XG	LA3ANA	EA5PS	KI3O
K1TWF	K6XJ	US8ZAL	M0PTZ	EI2HZB	KI4PG
K2CQW	K7HV	VK2GR	M5LRO	EI4DQ	KK6MF
K4KZM	K9WMS	W1GF	N4PF	EI4GJB	KL2R
K4WW	KA7CVJ	W7FS	N8ERL	EW4A	KL7XO
K5JUC	KP4DDY	W7HJ	NC8I	F5JWH	KR4Q
K7UW	KQ6K	W7IMU	NZ1I	G0GFC	M1EMC
K8WVA	M0UPL	W9GWP	OZ5JQ	G8GFF	N0JX
KE4YOG	N1MIE	W9TVX	PA3AIN	GW0KRL	N0KM
KG5POL	N8URE	WB4PWZ	R2ARR	HB9HFM	N0VTZ
N1FOJ	N8XS	WB7QBS	RZ6MJ	IK7NXU	N1KI
N3PW	NB3R	WD6T	SV2BXA	JA7PKV	N3NVA
N4PAJ	NI5G	WD9IOK	SV4FFL	JE7KCI	N4GOA
N4ZR	RX3BP	WN9A	TG9AKH	JG3LDD	N5CR
N8TEM	VE7XT	XE1SAX	UA4PK	JG5VFK	N5LJL
N8WXQ	W0PPA	YB0EIN	VK4BUI	J11LLD	N5LKE
NA8W	W0RSJ	YB9AY	VU2OT	JN1RFY	N5OP
OM6CI	W2SUB	YO6BHN	W0ZX	JR4VEV	N7WFK
OZ9U	W4CU	ZS2ACP	W2FDJ	K0FTC	N7WR
PY2YW	W7KHZ		W2GHD	K0JDD	N8HM
RV4LC	W7UV	101	W2GM	K1HC	N9MKC
VE3ZN	W8EH	AA9D	W3RMS	K1JX	ND0B
VK3MB	WA8KNE	AB2NI	W3SW	K1PTF	NE3K
W0VU	WC9C	AB4EJ	W4PM	K1XO	NX6D
W5PD	YB1ALL	AB8YZ	W6OU	K2UF	OM2AGN
W9GXR	ZL1IM	C31MF	WB5KSD	K2UT	OR4K
WB4HMA		DD9WG	WM5H	K3NO	OZ1GCT
WB7QXU	102	DL3XAC	WU6K	K3RRR	OZ9GA
WF8Z	4X1VF	EA4OR	WX7B	K4GM	PY5VC
WX0B	5W1SA	EA4UV	XE1AO	K4KYN	R2AB

UR8IDX
VA2EU
VE1JF
VE3KKB
VE7ON
VR2PX
VU2OY
W0RMS
W1MJC
W2MW
W2PTP
W4CG
W4DFU
W4YR
W5YKU
W6OZI
W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
WU1T
YB6LAY
YE1AR
ZS6CR