

ARRL DXCC - 30 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 13 Oct 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 DF3CB JA2VPO JE2URF K2TQC K5UR OH1XX OZ1LO SM3EVR SP5EWY W1NG W9ZR	345 DJ6RX G4BWP I4EAT* JA1UQP JA3FYC JA5AUC N2TK OH2BU OZ1BTE W1YY 344 GM3YTS N4CC PE5T SM3NRY SM6CVX SP9FKQ* VA3DX W0BV W3UR W8UVZ W9IXX 343 DJ2BW* EA8AK IK1GPG IK1WGX JA2JPA JH1GZE K0EU K3FN K3UA N4CH NN4T PA0WRS SP2FAX	UT5UGR VE3EJ VE3XN 342 DL4MCF EA6NB G0JHC IK4WMA JA2FBY JA4LKB JI4POR JR2KDN K0IEA K8SIX N3SL N4KG* R7LV RZ3AM SM6CCO SP3EPK SP8AJK W1MK 341 AA7A AD5A CT1EEB F6AOJ GM3POI JA0UUA JF3KON JQ3DUE JR7VHZ K1ST K5RK K9QVB* LZ2DF N0XA	N6JV OZ3PZ PA3FQA PY2XB R5AJ RA7A RU3FM SM5AQD SP3E UA4CC UA4HBW UT7QF W0DJC W3LPL WB6RSE YU1FW 340 DF3GY DJ2YA DK5WL DL7MAE EA6SX F5NTV F6DAY G3TXF I4LCK IK6DLK JA4FKX JA7KY JA7MSQ JE1SYN JG3QZN JH4UYB JR3GWZ JR3IIR K5NA* N1DG N3XX	N8DX OE5NNN OK1MP* PA7MM R3OK SM5CEU SM5DJZ* SP7GAQ 339 9A2EU EA5BM EU7A IK5HHA IK5PWQ JA1EOD JA5IU JF1WPB JF2UPM JH2FXK JH2UVL JL1UXH KV7K N4JJ* N5ZM OE3GCU OK3GU R4GM SM4EMO SM6DHU SP6CIK UA3AB WD5COV WK3N YO5BRZ 338 AA1V AG9S	EY8MM F6BK1 G3RTE GM3GAV HB9BGV HB9BZA I4AVG IK4DRY IK8HJC JA2JW JA5EXW JA8EAT JF7XKY JI8DGO K2FF K4XP K4ZYU K9NU KD5M N4JF N8JV N9IW OH1TV RA3CQ SM6DHF SP8NR UA6A W2YC 337 DL1AMQ G3XTT HB9AMO HB9BIN JA2VQF JA2XYO JA9APS JF1KKV JH1TWT
--	--	--	--	--	--

JH8RZJ	WI8A	JA1ANR	RU3QR	K0CA*	N2NL
JJ2LPV	YO3APJ	JA3PIS	SM5CZQ	K3RA	NY0V
K5KC		JA8RJE	VE3LYC	KX4R	OE1ZL
NJ6P	334	JJ3PRT	W8OI	N4QS	SM5FUG
NO8D	CT1APE	N7RT	W9OP	N5XZ	SP9JZU
OE6IMD	DJ8NK	OH2BLD	W9RPM	SM3NXS	UA4LY
OZ1CTK	DL5DSM	PY2SP		SP1JRF	US5WE
R3VA	G4CCZ	SV8CS	329	SP6HEQ	VE3EXY
SM5KNV	G4PWA	W3NO	DL2OE	SP7VC	W1DIG
SM6CMU	I2XIP	YO9HP	EA3GP	UX4UA*	YU3AA
SP9DWT	I4EWH		G0DQS	W1GL	
WB9Z	IV3JVJ	331	JF2XGF	WA2VYA	324
	JA0GJJ	JE2LUN	JR2UBS	WA5VGI	DK1FW
336	JA5AQC	JL1RUC	K1HTV		DM5EE
EI7BA	JA6BZI	JO7WXN	K4UTE	326	EA2IA
G4OBK	JA8BNP	K1OA	K9EU	AC4G	I3BUI
HB9DHK	JH4ADV	K5EK	K9IR	AD1C	JA0CRI
JA0EOK	K6FG	K7ZA	N5AW	DL1DUO	JA2CXF
JA1BK	K8PT	K9CT	N8RR	EA4KD	JA2EPW
JA1XEC	N0AT	N5UR	NI6T	IZ0AEG	JA2IVK
JA2DPC	N3NT	OE6MDF	OH5VT	JA0NPQ	JA5XAE
JA5MHD	SL0ZG	PY2YP	PY2BW	JA1JAT	JA7LGE
JA7JWF	SP5DIR	PY5EG	SP2BMX	JR1BAS	JH1EEB
JF1PUW	SV1FJA	S54E	SP6M	JR1BLX	JM1FHL
JJ1DHY	SV1RK	SP3CGK	W1RM	JS2LHI	K0KX
K4XO	UY5ZZ	UA3DPM	W2LO	K4CN	K2PLF*
LA5HE	VA5DX	UT7UJ	WA7NB	K4HB	MD0CCE
LA5IIA	WA4FFW	VE3FF		K4SO	N1NK
N4MM		W1TSP	328	K6AM	N4II
NR1R	333	W2IRT	AA5AM	KF0QR	N7RO
OH1MA	AA6YQ	W3GH*	DJ5AV	LA5LJA	NK1K
ON4CD	CT1IUA	W4UM	DK5AD	R8TX	OH1LEU
SM3VAC	DF4PL	W5OZI	F2JD	R9FM	OZ1AXG
SP1S	DK2NG	YB5QZ	IK2YCW	SM6BZV	RA3QK
	F6EXV	YO7LCB	JA1SYY	UA3AP	RN3QN
335	GM3PPE	YV1DIG	JH0INP	VE1YX	SP3IBS
IK4DRR	JA1SJV		JJ3HGJ	W3LL	UY5AA
JA2FJP	JR3OEH	330	K5BG	W6RLL	W7DO
JH1RFR	K1AR	JA2BDR	N4NX	W7AO	W8GC
JH3CUL	K7NN	JA3EMU	N9US		
K4MWB	K8ZTT	JE7JDL	PY4OY	325	323
N2LT	ON4AOI	JG3LGD	UT2UB	AA1QD	AA8CH
N4XM	ON4IQ	JH4JNG	UX0FF	DJ9HX	DJ4AX
OE2LCM	ON4IZ	JJ2KXK		F5CQ	DL4CF
R7DX	OZ4O	JN1BMX	327	HB9DDO	HL3IUA
SM4DDE	RV3LO	JR4OZR	DF2RG	JA2JNA	I0WDX
UA6MF	RW3RN	K2UU	DF2UU	JA2ZL	JA7QVI
UT9FJ	UR0MC	K3KO*	DL6KR	JA4DLP	JG8FWH
UX1UA		K4QL	E72A	JA9FAI	JH3VNC
VE2TZT	332	K5DU	EA5RM	JR7WFC	K3WA
W4DKS	HB9HFN	K9MM	IK4BHO	K3WC	K4IQJ
W4PK	IK4GME	NI0G	JH1IFS	KW9A	K7ZV
W5ZN	JA1ADN	OE1WEU	JH1NYM	LA8PT	K9US

KC7V	N4PQX	K1LD	JA2ATE	VK3HJ	JA3AZD
LA5YJ	N5DG	K2TE	JA2TBS	W5TCX	JA4ITW
LA7AFA	N8TR	K5XI	K6ND	W6XA	JA9NFO
LA7HJA	N9AU*	K6YUI	K9NW	W8DCH	JE1DXC
N5OK	OE5RLM	K9YY	K9RX	WP4U	JE2DZC
PY5HOT	PY2XU	KG7H	KG8P	WT8C	JH4HMG
RM0F	SM2OAN	KZ4V	NN4R		JR8AMF
SP1MGM	VE7IG*	LU8EKC	PY5EW	314	K6TA*
SV1DPI	W5XC	N4DB	R6AF	AA4HP	K8GI
W0MHK		OE3SGU	RA0FF	AB4IQ	LA2QM
W3KX	320	PA3EWP	UA6YW	DJ6TF	R0FA
W4FC	AA4V*	PA5TT	W1ECT	EI9JF	S55DX
W9RN	AA5AU	RL3FA	W7OM	GM3YOR	W5AJ
WX4G	DJ5FI	SP7HOV		IU7QBB	
	EW2A	UN6T	316	JA2VMU	311
322	FK8CP	UN7JX	AA5AT	JA9GPG	DJ9ZB
G0OIL	HA9PP	UR5IKN	CT4NH	JH3GCN	DL6JZ
I4MKN	JA1FQI	W8HW	EA7TV	K8FL	E73Y
IW1ARB	JA1XCZ	WB4TDH	EC3A	LA3WAA	F4BKV
IZ8FWN	JA3GN	WJ4T*	IZ2AMW	UA9FAR	G0BLB
JA1GRM	JA4EPE	XE2CQ	IZ8FFA	W6XK	JA1KQX
JA1SVP	JA5BEN		JA0DIN		JA7BWT
JF8QNF	JE2EHP	318	JA1IOA	313	JG3FEA
K2UO	JN1RQV	AA4R	JA5WIZ	AB9V	JH4ALY
K5AQ*	K4HGX	AB3CV	JE2LPC	AI9L	JR1DUP
K7XB	K5MC	DJ4PI	K0KVR	DL1KUR	K0JUH
K8EUR	K6KLY	I1EIS	K2VV	E72U	K8VFX
KQ8M	K6XT	I1FQH	LA9AJA	EA8AKN	K9MK
N8BM*	KA9CFD	IK8YTA	MM0EAX	EI6FR	N4JQQ
NE1B	KC6AWX*	JA0DET	N4TL	IK0PEA	R9SA
OE3EVA	KW4MM	JE8CLT	OE1AZS	IK0XBX	RN3OG
R7FK*	LA7JO	JG1WSC	PY7DJ	IK4PLW	S57AT
SP5IWA	LU3CQ	JH7RXU	RA1QD	JA4MRL	W2QO
UA3AGW	NS6C	JJ1DWT	SV1JG	JG4AKL	W6NWS
UR5WA	R7NW	K2SHZ	W6RS	K4JJW	W6SZN
VE1DX	W1YM	K3PA	W9AJ	K4UEE*	
W7MO	W5BPT	K5WAF	WA1JMP	K8YTO	310
	W7CT	N0RR		RK4FD	DL2CHN
321	WB8BPU	N7XR	315	SV1GYG	DL7BA
AB6QM		OE8RT	9H1SP	VU2NKS	DL9TJ
EA1N	319	PY2KP	AA1ON	W2LK	HB9RG
EA5BY	AJ6T	RX3AGD	G5LP	WB5JID	JA2AH
F6FXU	DL5WW	SV1CNS	HL2IFR	WN6W	K5ZK
HA1RB	DL6CNG	UR5EDX	JA9GLW	ZL2IFB	K8GG
HK3W	G3LZQ	W5FKX	JG3SKK	ZS6EZ	KB0EO
I2EOW	HB9SLO	W5XX	JH1HHC		LB8DC
IZ1LBG	JA1IZZ	W6VX	JK1EXO	312	N8PW
JA6VQA	JA1WSK	W9MU	JS3CTQ	DK9KX	SM6CUK
JA9TWN	JA2NDQ		K8NVR	DL4SZB	UA3TT
JF2WGN	JA2WYN	317	K9ZO	EA1YO	W8AV
K0KT	JA9CWJ	9A2F	N2BJ	IK5CBE	ZS1LS
K2RW	JA9NLE	HB0CC	N5TY*	IZ5EKV	
KG4W	JR2LJO	IK2QPR	N7IR	JA0GCI	

309	PA7RA	W4GF	301	298	G3VPW
7K1PTT	PY2NQ	WB9CIF	CT1FCX	AA8OY	HB9CQK
DL5EBE	RW4NN	XE1KK	EA3WD	G3VKW	JA2QXP
G4XRV	RX4HZ	ZS2DL	EU1KY	HA5VZ	JE1BMJ
IK5MDF	SM0CCM		IZ8VYU	IK0HFO	JH1OBS
JA9FPI	W5ODD	304	JK1UNZ	JA0LFV	JH7BKN
JG0CQK	W5VY	9A4T	JR6LLN	JL2PQV	LA0FA
JH1BNC	W7AL	DK3WW	K1DT	JN7DOS	N5ORT
JH3FUK	WB0TEV	HB9CEX	KD0PO	K3FRK	SM7CQY
JK1BSM	WB9EEE	HL2WA	KM4H	KB8VAO	WA3C
JR7FRW		IT9DAA	SV3DCX	N5LZ	WA9PIE
K2PK	306	JH0BQX	W6TC	NQ1K	WO2T
LB2TB	A45XR	K5PS	ZL3JT	UA0BA	
LZ2JE	A65BR	K8AC			294
N4RWG	DL1HRN	K9FN	300	297	EA5KA
R9TO	EA6VQ	N6RV	AD5Q	CU2AP	HB9DDZ
RA9CMO	EV1R	NA5C	G0EHO	HB9IQB	HB9LCW
RU3DX	F5PAC	NU8Z	HL3GOB	IZ8DFO	HL4CJG
UN7TW	G4GIR	SP8HKT	JA1NWD	JA6TMU	IK0AGU
W2GG	JH8GEU	W5LT	JA8BAR	JA9IFF	IK2DJV
W4QN	K1GG	WA1S	JA8DNV	K0BBC	IK2OVC
W6SR	KF7PG		JK1TCV	K5UO	JE2OVG
W8HC	KI4DLS	303	K6RO	K5VIP	K1ESE
WE7K	KN5O	DF2GH	K8RRT	LA2PA	K2LS
WE9R	N4AH	DK8MCT	KU0A	LB6KC	K3NK
	ON6AA	DM2DXA	N4QQ	N3RC	K4XD
308	RA5BM	EI2GLB	N8OC	NA5DX	K5RT
CT1FMX	UW2ZM	JA2VHO	ON5UE	SK3PY	K6EME
G0VXE	W1SKU	JA7IC	PY2DS	VE3EK	KI5BLU
JA1LSP	W2JU	JA8EJO	PY2IQ	VE6LB	KS1J
JA2XCR	W6ENZ	JA8ZO	SM6CTQ	W0EWM*	N9ISN
JA6WJL	W6YI	JJ1SKG	UN7LZ	WA6F	RN9N
JE6TSP	YO2RR	K5WK	VE3BW		W1YW
K1USA		LA3MHA	W8TN	296	W4WM
K3WW	305	N9FN	YO2CMI	4Z4DX	W7CA
K6SIK	CT1GFK	ND0N	ZS4TX	CT3MD	YS1RR
LA9VFA	DL5CW	PE1L		I6FLD	
N5GH	F3SG	W7YAAQ	299	JE1PNX	293
N5ZC	HA7TM		CU2DX	JG1OGM	DS5TOS
N7US	I4KDJ	302	HB9TKS	JR1WCT	HK1MW
SM4AZQ	IZ0RVI	AD6W	IW0HQE	JR9LKE	IK0LNN
SP7ITB	IZ3ENH	JA1DDZ	IZ8XQC	K4CMS	IZ5RVG
W5ADD	IZ5JMZ	JA1FGB	JA1BPA	N1EN	JH1BAM
W7BEM	JA2XW	JA2FGL	JF1LZQ	OE5FIN	JH9AUB
W9ILY	JA3ENN	JA5BGA	K7EG	W2AY	K2KA
	K4SE	JE3ENP	N1IBM	W4VIC	K8ROX
307	K6FW	JK1GOK	NV9L	W5ZG	NW7E
5B4MF	KP2A	JL1OEC	UA3ECJ	YB1UUN	OE8SPW
DJ4XA	N2TN	JR6FC	UT7UV	ZS6WB*	OH1ZK
F5LVL	N4DW	K4EM	W7ZJ		OH2IS
IV3YYK	N7TY	OH8LXT	ZL1BYZ	295	SK7AX
JE1LFX	N8DJX	WO7R		DL9FCY	VK3BDX
KB1JZU	SV2AEL			DS1JFY	W3JX

WS9V	K4MS	WO2N	JK1OPL	K8OM	KQ4AV
XE2X	KA8SYV	ZL4TT	JR4LNG	N9RS	KU4XO
292	KZ5DX	285	JR7GBL	NN4X	N7KA
7M4AOE	OE1WHC	9A1AD	K1BD	W0RX	N8SNM
CT1DKS	SM7IUN	DL4CW	K5VWW	W1BR	N9RD
HB9RYZ	288	I5CRL	N5UL	W2OO	OH4UI
HP2AT	HB9DHG	JA8FFM	PC3T	W4OX	VA7ZT
JA3BXF	LA9FFA	JE2RDO	SM4CTI	W9JJB	W2NO
JA8XQI	LB5WB	JF1IRW	SM6BGG	279	W2TB
JN3SAC	ON4CAS	JH1DGQ	SV1FJP	DS5ACV	W8RLS
JR3UIC	OZ1LCG	K0TT	W3OA	EA7SG	YL2KF
KA7T	287	K1UU	WF2S	F5PBM	276
KI0KB	AA6AA	K8DV	282	I0OSI	GM0AXY
W3RJW	EA6ET	KD0Q	IK0HBN	IT9CVO	JA3EOP
291	G3KWK	NF1G	IK5RUN	JA2JRG	JH1APK
9K2OD	HL3AMO	NN4SS	JA1MZL	JA3RQ	JM1GHT
JA0DWY	HS1NGR	VE3VHB	JF1RYU	JF0JYR	K1RO
JA1RTX	IZ3ETU	W5CIA	JH1AJT*	JF1LMB	K7GM
JA4VLK	JA7QFU	284	K0GY	JH1AGU	K9OW
JA5SUD	JA7ZP	IZ8FDH	K1LPS	JH8NB	KD3CQ
JP1IOF	JA8UIV	JA2FBC	K9OR	JP1NWZ	LY1G
K4ZO	JE2EBT	JA2FCZ	N2JJ	K0VSH	N5KM
K7UA	JH1QAX	JA9AGN	N6MZ	K4VIG	N6PM
K7ZD	K2AZ	K3UL	SP6JIU	N6IE	SA0AQT
SM5JE*	K8WK	K6PJ	W1ZT	SM3LGO	SV1VS
W1OPD	RQ3A	N0RB	W8KEN	W0TT	W8MHW
W4FQT	SM0NJO	N2LM	W9PZT	W5SL	WA4LOX
W4HG	SP6EIY	N4LR	281	W9FI	WA5LFD
W6RW	SV1IW	N6PSE	CT1BWU	278	275
290	W8MET	NT0V*	IV3GOW	AA4SC	EA1AF
DF2IS	286	SM4BZH	IW0SAF	AB5A	HL3DE
IV3KFB	9A4W	SV2DGH	JA5NPV	EW1BA	I2VGW
JA3XNH	CT1FPQ	US0YA	JF3LOP	JE8TGI	JA7HRM
JF1NZW	EW1KP	W1LW	JF3PNQ	JJ1TKN	JE2VLG
JH4GJR	G3WPH	W6DR	JH1ACA	K2UR	JH1IED
K7WP	HA7UW	W8LGJ	JL1XMN	K8TL	J11NJC
KA8ZPE	IK4AUY	WD4LBR	K0BJ	KL0S	JK1VXE
N3VA	JA0AOO	283	KG6I	LA9GX	JK7LXU
N7BT	JA1VLK	AA7G	OH1JP	N6HC	K0JY
OE2BZL	JA5FDJ	AF9H	RW7M	NX0I	N1SV
PY2VA	JE2UFF	G3SVD	SM5AOG	SM5CBM	N7QT
VU2PTT	JF6XQJ	HB9BUN	W1YIF	W0LS	PY2MC
W6PJ	JH0OXS	IK4ADE	W4MAY	W0VX	VK5GR
289	JH1RGG	IK8EPC	280	W1VT	274
5B4AHJ	JJ1QUV	IZ4MJP	CT1EAV	W4WT	DK2GZ
DJ5JH	JM1SZY	JA1SKE	EA3CJ	WA0I	JA0KJE
DK2JX	K8QM	JA7LMZ	I5HOR	277	JA1CZI
DL1TRK	KM1D	JA8EOT	JJ2KDZ	4Z5LX	K3EA
IZ5BAM	KR0P	JH2PWY	JN1NBU	F3AT	K8FH
	W8JRK	JH4ADK	K1CA	HB9BAT	KD2T

KF2DT	W9OO	K9ZM	N2NS	SV8CKM	LA5SJA
KS4S	W9YE	N0ABA	N4HB	SV9COL	LU4FPZ
N8NN	ZL4AS	UA3O	N5MOA	W5DM	N4ENE
WB2GAI		W2XI	N9BX	W5ZPA	N5JB
	270	W3AP	N9JV	WB8ZRL	N8HRZ
273	I0JBL	W5DAW	N9UA		NJ3K
DM1TT	JA2IYJ	W8OP	OH7TV	261	NK4L
JA3FHL	JA3KNN	WA0MHJ	W1KSZ	AC9EM	PA0JSE
JF2VAX	JH6DUL	WA4JQS	W5JAY	EA5CRC	RA4P
K4JAF	JP7FSO		W7MEM	GU0SUP	TZ4AM
K5FZ	K0TPP	267		HL2CFY	UT7KF
KB1EFS	K4FJ	EA3GHZ	264	JA1XPQ	W0IZ
OZ7FOC	K8CW	HL2KV	4X6ZK	K4KGG	W2WG
W3ABT	KA1ERL	JH1DGJ	AA8LL	K5IB	
WA0RVK	W2GW	KJ6P	AB5C	K8UT	258
	W3GQ	LA8HGA	G4XEE	KI4GE	AI6Z
272	W4BP	N4UOZ	HL4GAV	N8LJ	EA5RD
DL7UPN	W8FIB	N6UK	I5OYY	NK0S	EI9FBB
G8DX	WA3AFS	OM4EX	IK2PZC	S55ZZ	IK3SWB
HB9DOT		XE1MEX	IK8GJR	SM5FQQ	JA1KPH
IK2RPE	269		JA3WLN	VK3NX	JA4MMO
JA6GIJ	AA9A	266	K3VAT	VK3TC	JH1SOD
J11CQA	CT3KN	DM2RM	RM3DA	W4UCK	JH1WJR
JJ2WOC	DJ9RR	HB9DVZ	W1SSN	W6BJH	JH3SIF
JM1VRW	F6ECI	JA1FJJ	W4LEW	W6TMD	K4JKB
K0KG	IV3TMM	JE1PHH	W5VQ	W7HR	KE1F
K4RG	JH1VUO	JH0RVY	WB8K		KH2L
K9SM	JJ1BMB	JH8KFE		260	KR4F
LU6ETB	JQ1YIW	JL2JVX	263	DS4AOW	N1RR
N6HY	K1KA	K9GWH	F9XL	EU1U	PY2FN
N8KOL	K4JC	KB6CIO	HB9CXZ	G4IUF	W8IQ
NA9RB	KJ7TEA	KG9Z	HL2EIZ	JA0KJD	WS5W
SM7NDX	N3QE	N2WB	IK1IYU	JA4HAW	
SV9AHZ	N7ELL	UN3G	JA9AA	JA4ZA	257
UA0FO	N9DED	UN9L	JO4CFV	JE3EDJ	CT1FUH
W0JM	NA5Q	W2OIB	K2XF	JG3RWX	EA8AXT
W4GE	NT5V	WA4CEM	K3SEW	N4XP	HB9MFM
	VE6AX	WD0DAN	N0RN	NE6I	JA1EMQ
271	W3BW		NZ3O	NI5F	JA6BEE
BH4QYX	W4LSC*	265	UN3GX	W5GAI	K2SN
DJ9ON	W5PF	AA8R	W8WEJ	W9BEA	KY6R
G3NDC	WL7E	DL1SMA	ZS2EZ		N2ZA
HB9BYQ	WW3S	EI2CN		259	N4GN
IW0HOU		F6DBX	262	AG1A	W2OR
JA0LXP	268	G8AJM	DF7EE	JH1ERJ	WA2NPD
JA1DM*	DK3PZ	IK7FPV	DK1WB	JH1NYN	YB2TX
JA6QHQ	DS5DNO	IV3VBM	DL6XK	JH5HDA	YL2TW
JH1SJN	F5UJK	JA2FSM	JA1OVF	K0GD	
JM2RUV	FG5FR	JA3QOS	JA3NHL	K1NTR	256
K9JF	HB9JOE	K2UFM	JA8CJY	K5FNQ	DH0GSU
PA3CSR	IZ8IEV	K5CD	K3XA	K9MBQ	DJ7ZG
SM5CLE	JA7GYP	KH6M	PY2WC	KB2FCV	HK4SAN
W7QDM	K8BL	LA6UL	SP6A	KK2M	JA6GPR

JH8MZF	253	RN3CT	VE1JBC	K6ZZ	240
K2NV	4F2KWT	W2/CT1GIF	W2KA	K8ME	AB0CT
K4OY	AA3LX	W9MO	WB8ART	KL7TC	AC4VM
K6BV	DL9GTB	WQ5R	WB8CQV	LA7QI	AF5CC
K7KB	F5JSD	250	WC3W	RT5A	AJ8B
K9TF	FG4NO	AA4U	247	W7HPW	CU3EQ
N4TJ	HI3T	JH1IAQ	EA3EQT	W7IU	DL2RTL
N4TOL	JA1HOM	JR1IZM	HA5PT	W8MJ	IZ5MOQ
N4TV	JA1OVD	K4WNW	IK6OIN	WA3I	K3NQ
SV1ACK	JH0NOS	N4JT	IZ2FOS	243	K4YJ
UR3EO	JH2VVH	N9JR	JJ6DGP	GW4BKG	K4YYL
VU2CPL	K1KO	NA9Q	JS6TWW	JR0QFA	K8NK
W0HBH	K2HAT	NJ7G	K2RU	K6ZP	KS3F
W5GZ	K4WM	PA7TWO	K9OT	KS4YT	LA2GH
W5ZO	K5DHY	RU0SN	KK1W	N4HID	N4IQ
W8CZN	K9YC	W2JLK	LB7ZG	N4OA	NA2M*
W8LMG	N4PJ	W4AG	N5QS	PZ5RA	OZ5HP
255	SM7BHH	W6HDG	NG7M	SM2GCQ	W18R
DJ4GJ	VE3CRG	W6JZ	SP5ES	VE7BV	239
DS3HWS	W0FLS	WA3F	W8IW	W7LGG	AF4HX
HB9EFK	W4IS	249	W9EWZ	W8UV	DL2RUM
OM8FR	W7IB	9M6YBG	WA8WV	WB0O	IZ0BVU
SV1FKZ	W8BBQ	DK3UA	XE2D	WD9DZV	JA1QXC
W0SZ	W8GNM	JE1VTZ	YB1RUS	XE1RBV	JH1UBK
W9HBH	WV9L	K4ST	246	ZS1A	K1NJ
W9JA	252	K9NR	JE1HRC	242	KC6X
YB0COU	AB4UF	KA1J	K1SM	AA0MZ	KW4V
254	G3UAS	KJ7M	M0CSD	BA4MY	N5BO
CT1BH	JR1MLU	KK0M	NH6T/W4	HB9DQV	NA4EA
EA2AFV	KD6UO	KN4PPD	W9LN	HL5OC	NU4I
F4GVO	KF9UG	OE2GEN	245	JA3MHA	W4GIW
HI8R	SM7GIB	ON6YH	AA4A	JG1SWM	WV6E
IK5BOH/2	VE3CFK	PY2GG	BA7IO	JH1OGT	238
IK8VRH	VE6TL	W3ICM	BH4IGO	K6MKF	6K5YIA
IS0AFM	WA6JA	W7AH	F5NBX	K8AJS	DH2PC
IZ2EWR	YB0DJ	W7CD	K3VAR	K9JU	K1BZ
JE0ART	251	W8UN	KV4T	N1CGP	KQ3F
JH0AWC	4Z1UF	W9CSX	NY2NY	N6PEQ	N7WO
JH3FHQ	AE5E	248	UA9FFV	WA9GON	SV8DOU
JH6PFY	CT3HF	JH1SBE	W2FV	XE1H	W2LE
K0DD	E21EIC	JP1LRT	W5RF	241	W3BNN
K5TA	IW3GJF	JR1VAY	W6AER	9A5F	W5DNT
K7LJ	IZ8GGF	JR7XOD	WQ6Q	EA5GPQ	W6DE
KJ6NZ	JA1IAZ	K1FEV	244	HL5BMX	W6YOO
LU5FF	JH7WQX	K4PB	DJ3XG	JA0MRW	WA6G
ND4X	JR7MAZ	K8EAB	IK2RZP	JA8WGX	237
SV1HEP	KT2C	N2DPF	JA4SSM	JR7ILA	DL2AYK
VK4CAG	LA6OP	N4PYI	JF2OZH	N9XX	FG8OJ
W5QM	OH3OJ	S51NM	K1DJ	WP4EJH	G4PUQ
W9DX	ON6KE	SP1DSZ			IK2DZN
	RA3QUA				

JH1FVE	234	W6RKC	LB2HG	IK4MSV	JR3ADB
K1RV	7K3QPL		N6PAT	IZ0GYP	K4ZRJ
K4KAY	I2MQP*	231	OH8NW	JA6OXT	K6TAR
OZ1IKY	I8MTQ	DF2UA	RD3BD	JH7IQQ	N0STL
W1EQ	IK1UGX	E70T	W1OP	K0GW	N4XYZ
W5GA	J11WLL	EI3IO	W17P	KA9UVY	SP5MXZ
WB3JFS	JJ1KZZ	JA9RT	WV2I	LZ2XF	SV1CQN
	JK1AJX	JF1WLK		N4SC	W4SK
236	K2FW	JH4CBM	228	N9PGG	WO5I
AB1J	KC6JAM	K1ZJA	AA4UC	SM5CZK	
AB4SF	KR6C	K2CBI	EA1RT	UA0FDX	222
IK0WMJ	N7WS	K3OX	JA0CIU	W3SB	G3XLF
IZ0NRG	NE3F	K4MF	JG1DUZ	W6KK	I8YAV
JA0PE	NF4A	KK9H	JH1RVQ	W7JY*	K5VR
JA5AFW	SP7ICE	N2NW	JR3VMJ	W8BLA	K9GA
JA6CBG	VK6OZ	OH1TSM	K1RH	WV8DX	KG4CUY
KE1VT	VU24DX	W2PP	NU1O		KJ4R
KE4UW	VU2MSA	W3FOX	NV4B	225	KK4OW
KK0DX	W1WC	WD8PKF	PY5CC	4X4MF	N6WT
KM4HQE	W5PJR	WK8A	UX5UO	HB9HIT	NY6C
KN7K	WS1L	230	W1TO	JA1QIW	OH2LHE
KO8SCA	WT4Q	EA2AGV	WB0N	JH8UQJ	W3MR
KT1J	WV4TN*	EA5BRE	YB1TQL	JK1JAS	W8CD
KX4TT		G3SBP		K0THN	WW8RT
N4AL	233	IK2ANI	227	N0KV	
N6KZ	AE0P	IT9ODQ	AD8P*	SV3AQR	221
NA2AA	AL7TC	JA2NNF	EI8IU	W0QQ	AA4FL
NO0B	EI6IZ	JR5JAQ	IZ7AUH	W9YSX	DK7YY
RC2A	EW1P	K1LT	IZ8MBW	WN6K	G4FKA
SM5ARL	HB9IIO	K4WFM	JA1JYE	ZS6UT	JM1ESG
SM5FWW	J16IHG	K9ALP	JO1LVZ		K0AZ
WA2USA	K0CS	KB9DAK	JR1EFG	224	K3DFL
WB2BIN	K1MAA*	KV4AA	K3WWT	IK2GAJ	K5UZ
	KI1U	N9KW	K9SG	IK2UWA	KA4RRU
235	ON4ATW	TA1CM	KK4OK	JA1NLX	N7NG
CT1DOF	W0GG	VE3SKX	LU2NI	JF1KML	N8BK
DK2CC	WA9BZW	WA4DOU	N1JP	K8QKY	PA0ZH
EC1A		WB7B	ND3L	KR2Q	SM3PHM
EI2HY	232	WE1P	PP1CZ	KV1E	SM5BMB
JA2MNB	AA9RR	ZS6NJ	PP7LL	N3KV	VR2CH
JA4DHN	I8LWL		SP5JXK	SM0MPV	WF8R
JJ1JMZ	IT9AAI	229	UR5FEO	W2DXE	YO2DFA
K0MN*	JA7KE	AA9GR	W4ABW	W2NRA	
K2TER	JA8LRG	DK8IZ	W4RDX	W6SFK	220
LA2XPA	JH1FNU	HB9KNY	W7SX	WA3FRP	7K1CPT
N1BZ	JH3GFA	I0MWI	WE4S	WA3GNW	7L2QAD
N4HN	J13CJP	IK0CHU		YB1AR	AA8SW
N8NA	JO4JDU	IK8UHA	226	YO9FNP	F6HLC
OZ0J	K4HQK	JA3UNA	9K2GS		HB9HVG
S54A	KM6HB	JA7MNF	DL4NBE	223	JA4FM
W6AEA	N2SQW	JP1GUW	DL5XL	AG7N	K0NV
WA3WZR	SP6AXW	K7LV	G3WW	HA5BSW	K3PU
WA8MCD	VE3YF		HC1BI	JK1DDG	K3SX

K4JUJ	WA7BNG	JA0EVI	210	206	F2NH
K9KE		JJ1KXB	EC1AIJ	DL2RD	JA1PVX
KF4ZZ	216	K1RI*	JA6ENL	EA8MT	JA3UOQ
KF7F	7M4CLF	K4WES	JK1EBA	G3KMQ	JP1EWY
N3KN	AH0U	K5CWR	K0LB	HB9BOI	KF0LA
N4AOE	HB9DVO	K6IPV	SM0DSF	K5QX	NA2P
VU2LBW	JE2KSM	K9RT	VK3FM	K6QU	NU1B
W5LO	K6EID	N5WA	W3ACO	KB1HY	R3IS
W5RYA	KF2OG	N9SF		N4SV	R9JX
WB2KSK	KX2A	RA0BA	209	W0OGH	SP3EPG
WB7BBQ	W0BM	RT0F	BV1EK	WA6TLA	W1OK
	W8HMK	W2RIJ	DL6UNF	WC2K	WF4U
219	WB2FUV	W3WH	DL7JRD		
CT1BWW		WC4X	IW8CGX	205	202
K0EOO	215	WP4CQ	JF2TJJ	AD3C	CT3DL
K4VNY	E74K	XE1J*	K4GK	AE5FM	DJ8NT
K5JZ	HA5CW		RA3BL	EI5GSB	EU1M
K6UNE	HB9HBZ	212	UR9IDX	G4NBS	HB9CRV
K9UWY	JR1CAD	HB9AWS	WB5STU	JA4GXS	IK0UTM
KF6HI	K0HD	K0KP	YB2DX	JA7DPC	IZ0FYW
KI4WCQ	K6UM	K1JD		JH3FCF	IZ4DIW
MU0FAL	K7LAZ	K3JM	208	JR0AMD	JE4FNC
N3OC	KK8MM	KD3HN	DL1DWT	NW7M	K1ACL
N4PL	LZ2ZG	KZ1W	F4WDL	W0RSP	K3XO
N5ET	UT6UA	N3PS	K8ZM	W4UEF	K4GO
	W1XV	N6NU	M0HIH		K6SRZ
218	W3BJ	NN2D	N2KI	204	LA9KY
EA1JO	W5THT	W2CG	N2RJ	9K2BM	N4MI
IK3DVY	W5UQ	WA1PMA	N3XM	DK5HZ	N7JB
K1JIU	W7IV	YV5LI	N8VV	DL5KUA	NK7Z
K2BA	W8QZA/QRP	ZS2Y	RD9M	HB0WR	NW7US
K7UT	WW8W		SM6CLU	JK1NPH	RX3BP
K8CQ*		211	VE3YXO	JL3DGI	VU2IBI
KC2SST	214	AA4LR	W0MS	K6NR	WA6URY
W5JMW	AD7L	AK5Q	W6FL	K9AQ	
WA5NFC	DK5RL	DL5MHQ	YO4AUL	KC2STA	201
ZL3PAH	IK0WRB	F1ICS	ZL3RJ	KC9K	AC6BW
	JA2ITK	HB9CQL		KD4SN	AJ8MH
217	JA7JPZ	JA3AVO	207	KI4R	IW0BYL
AA4AK	JL1GYZ	JR4LZX	AA4DD	KZ9DX	JA3LDH
DH3KM	JM1HJG	K2EK	AA6RR	N9LJX	JS6QOM
DL2NOM	KE6FV	K3NF	HL4CCM	RK2M	K0ABC
EW4C	KQ4EE	KO4PRE	IV3KCB	SP7CVW	K0PX
I1YDT	LA7EIA	KW9U	JA4HXF	VK2CA	K1PL
JA7FAS	N6DX	N6OJ	JH1IZR	WU4B	K3SUI
JE1GWO	W1DYJ	NY1V	J18PDC	ZS1DX	K5FXB
KU8X	W6SL	TF3DC	K1ZE		KD5R
N1MD	WY6N	VK2AAH	K3FM	203	N4KM
N6QI		W0UC	K4MV	AA4FU	N7NF
NA5Z	213	W3FI	K5DCW	AB2E	N8BJQ
SP5ELW	AE4M	W4WN	K8AV	AC9O	NE8P
VE1DUN	AJ4A	WB8B	PY2RO	CX2CC	OZ5NJ
W0AIH*	HB9FBG			EA5AT	VE1VOX

YE4FNN	K7CTV	JA4CZM	191	JK3GWT	K3GT
200	K7GA	JL3OUW	AA8KY	K5HK	LA8WG
DJ7JC	N5TU	K1GE	DL2JIM	N0ODK	SM0BYD
IV3TDM	TF4M	K2ZD	GM3WIL	N2ZZ	SV2BXA
JA1VRU	W1FA	K4WZ	IK2WPO	R7CD	VK2HV
JG3KLF	W1YRC	K6MM	JA2ODB	TF3VS	W0QC
JT1BV	W7WZ	KE5BR	JG1LRE	VK2GR	W7QHE
K0VM	WB8BZK	KM4NS	K5TN	W2PD	WA4NUF
K1XE	196	NA7RH	KE3D	187	184
K4WY	AC8L	OH6NIO	KE8UM	AC0W	HB9VAB
KM1C	AC9S	UA9MC	NZ5O	AC5AA	I7PXV
N3ND	JA6IVR	VA2IG	SM4OLL	JA0AVS	JA1SGU
N6MXU	JE1IBI	193	W3DQS	JA1GVT	JH1AWJ
NG9J	JF1MTV	HB9GWJ	W5CCP	JA3BKP	K2TV
NN9X	K1EFI	IZ4DPV	W7JET	JK1SQI	K3GGN
OE1ALW	K2AJY	JA9IWR	W8TM	K4JWA	K3PP
OH3PYY	K6IPM	JH2AJY	WA9JWL	K8OS	K5GH
SM5ACQ	KW4CQ	K4JLD	190	KL7TS	K8KI
W8JA	LA5LT	K6XN	AB9M	N1NU	LA2IR
WA5IPS	N1GC	KD8RQE	EA7QW	N4ZY*	N3OUC
YB1TJ	N2AJ	KW4J	JO3WHB	N7GCO	N7RD
199	N7NW	N6BM	K2SY	N8TFD	NC7B
KB4MRX	NU1T	N9AOL	KG8CW	SP5LKJ	NW6S
NK7C	S50B	VE1OP	KM4VI	UR4IOR	SV8RX
VA7DX	SM5ENX	W4AFB	N3RW	W6DX	VK6LC
W2YR	TF3JB	W4NBS	VE3YV	W8NN	W0FG
WB5NHL	VE7TK	W4NE	W1EBM	YO3DDZ	W3ML
198	VK3KE	W9BS	W2WC	186	W6WA
EA1KP	VU2DCC	WA9MAG	W9ROG	9M8DEN	W7CB
EI3CTB	W9OSI	WB3LHD	WB6CJT	F4FLF	183
HB9BOU	195	WC4H	YB4CHP	JA1UOA	AD5WB
HK3PJ	AA3TH	XE1GLL	189	JT1CO	IV3AVQ
HL2ZN	DL4FAP	192	CU3AN	K8SIA	JA0BES
K0OK	IK4TVP	AA4NC	JA6JYM	K8WVA	JA1ITJ
K2PF*	IZ0BTB	EW4DX	K4WJ	K8YE	K7YMG
K7LFY	JM1JZN	I0LYO	K9FZ*	KE8G	K8YYY
N2RR	JR2PZX	JF7NNI	KA6BIM	KW1DX	KB7AK
W0PE	K4AR	JJ1MNT	N5FEE	N1ZZ	KD7H
W3HKK	K4GHS	JJ2VLY	OZ1HPS	ND4V	KM8AM
WA6HBR	KR0O	K1VI	W1ITU	NZ3M	KM9E
197	NA6MG	K2RET	W1NA	PA3BWD	NC1M
AL7R	NA9A	K6JJ	W2FDM	W0JMP	PY5IP
HP3TA	W4PNY	KK5OQ	W5VU	W4DAO	W2ZI
JA1BNW	W5QP*	N4BAF	WA0SXV	185	W4MA
JA1KXT	W6BK	OE3KLU	WW0E	AD7Z	W8FN
JA7JM	WX2U	OH3FVP	188	DL2SWN	182
JH0AKV	194	W0TM	DL5EBS	DS4NPL	AA4EA
JR4CZM	EA5HM	W1LE	IZ1JMN	JH8FIH	AB0X
K4KEW	JA0AXV	WB4KTF	JA7XBG	K0IL	AF2C
	JA3WMS	ZL3TE	JE7BUH		DJ3AS

JR0RBY	NI3P	JA0ED	173	WF1H	W9NIO*
K7LAY	SM0NUE	JA1UBZ	EA1DLU		
K7STO	SM1NJC	JK1BIB	IK5QPS	170	167
KC1ERO	SM7WVZ	JN4FNZ	J11DMH	I5FLN	EI7GY
KE9U	SP9IZV	K0HB	JK1MZT	IK2WSO	IW1QN
M0IKW	W4AO	KD4EE	K0SRL	IW5EIJ	JA0NZR
N1QY	WB2WPM	KE4BKL	K9UQN	JH1RFM	K0RAR
NC2Y		KI6MQX	KA1DJ	K8JE	KL7NW
SV8LMQ	178	KS0M	KI2D	KC5LK	N4IG
W7IUO	HB9BMY	N4NW	N1KC	KS4XQ	N7VPN
WT2P	IV3FFI	N7WI	N6FS	N1HO	ND7K
	JJ1BDX	N9ATF	N6ZN	N4MEC	NS3L
181	K4SAF	OZ3SM	NU4B	NC6RJ	R3BB
JG1JPE	K5CR	VR2XMT	PJ4/NA2AA	SV2JU	W4DEE
JQ1PCX	KC4HN	W1MR	RA9SC	TF3Y	W7FI
K8BN	KF4VTT	W4KA	W3ATV	UA0SC	
KC9WPS	LU4FW	WA5POK	WB8EKG	UA1OM	166
KD4POJ	V51YJ	WA8RCK	WN7J	W4DN	4X6UU
KR4U	W3KN	WC2L	WY9V	W4HZ	JS1MRA
N0TR	W4AEJ	YB2TS		W6PG	K4SX
N3AIU	WB4SON		172	WA2VQV	KM7R
N7TM	XE2YWH	175	K7FEL	WB4GLI	N0AH
N9IO		5T5PA	KQ5S	XE1FAS	PA0TCA
PT7DX	177	JA3VPA	N5JEY		PY2RN
W5WP	7J1ADJ	JE2SOY	PT7ZT	169	W5FPT
WA8LRW	AE4CW	K2RNY	UY2UZ	AK1P	W7VY
	DF8FT	K6LPO	W9MAK	DL6NW	W8SAX
180	IU0ICA	K8EB	WK9U	K2TK	W9ZCL
CT3CD	IU8IYE	N4GBK	WW2DX	KT8D	
GM4KHE	JA1VRY	N8AYY		N4AA*	165
J13BFC	JA8NFV	SP5IXS	171	N6EM	7L4VYK
JR6GV	JM3GXU	VE4EAR	AD6ZJ	N6RK	AA1BS
K8YSE	K1EDG	WC2C	AK7O	W6WF	DF1ZN
K9QJ	K4NTO		DK4TP	W8PAT	DL6DCD
NT9F	KN4JX	174	DL8DWL	W9GXR	IZ0CKJ
W0MU	KX7L	BG8PA	EA4DEI		JA2OLJ
WP3R	LB5GI	IK0XIH	IT9IPQ	168	JA3EEM
YB1RKT	LX1CW	JA0JPD	JA4FKO	3A2MW	JA4DLF
	N3KS	JA3EY	JR1LZK	DK3QM	JH1GNU
179	NA6O	JE1COB	K4AU	HB9ECS	K0KV
AC4TO	VE7SZ	KA9OKH	K6EGF	HL4XM	K1EO
AG4Q	VU2CDP	LB8OH	KD4W	JA2LHG	K5LY
DF3EC	W1DAR	N4LKB	KE2M	N2YF	K6ME
EA4UV	W4REX	UA4PK	NI7F	N7MQ	KA1CTL
EA5AR	W5BK	V51B	OZ4VW	N8NB	KK4XL
G7IRN	W5SUM	VR2XYL	OZ9XU	N9DR	NJ1H
JE3FOR	W5UHQ	W0IKD	TA1L	OE6BME	NM1G
JR4VEV	W7VS	W9KVR	TF5B	R9MJ	OV5O
K5RJ		YB4IR	VE3NJC	VA3OKG	W2KNG
K8WHA	176	YU1JF	W1AW	VR2MY	W7JW
N0LD	AA9D	ZS1J	W3KHQ	W4OWY	WB4YDL
N1IA	EI4BZ		W5AP	W5WI	
N7KDT	G8BCG		WB6BFG	W6SIY	

164	K1LTJ	DL2AMD	157	PA5X	HB9AGO
AA3AZ	K2HT	EA1BLA	9H1AE	UA6XT	J68HZ
AE5B	K3VPZ	G0THF	AC4BT	VA3NXM	JA2ACI
AK4AO	K5ZQ	JA1DCK	EI1DG	VK1AX	JA7NGE
DK6OR	K7PT	JA8EIA	JR1HYA	W0KCJ	JG1GJH
G4FTC	OZ9U	JH1CTV	K2CYS	W8VK	JH1HRJ
HB9EBM	VA6SZ	JH1XFR	K4RDU	WF5I	JJ1IRS
JA2BUR	W4ARK	K7CU	N2GZ	WX0Z	K2MK
JA7FVA	WB2HJV	KA3GWD	N5TF		K8ZZU
JE3PCP	WQ8T	KC2NJ	N8IK	154	LX2SM
KK4CLY	XE1L	N2FF	NA4MM	DF2WF	N4XMX
KS8W		N4ST	SV4FFL	G6MXL	N6KK
LX1KC	161	NN5E	W4CC	IZ4IRO	N6VH
N1SZ	4O3A	NR0Q	W4PGM	JA9KRO	N9OY
N4QWZ	HK6K	W3KB	W4YCH	JE4RAL	NE0U
PY2ADR	JA4CSJ	W3WST	W5TUF	JL1EGW	NZ4DX
R2ARR	JA6AVT	W4CCS	W6RFF	K7ORK	OD5YA
W2CQ	K7UW	W5IP	W8WM	KQ5M	SQ7FPH
W7YW	N2MFT	WA6MRK	WB2AA	N4TD	WB0ULX
W9IL	N9LEO	YB3MM	WF4G	NS4X	WC0W
WA7HR	W1HEO		YO3GJC	NY4G	WY0V
	W4IDX	158		ON5EQ	
163	WA0WWW	AB4GE	156	PY2SEX	151
AC7ZG	WD5BJT	BA4TB	AA7XT	VU2ABS	AD5MD
DS3EXT	WD8KND	DL7BO	G7SSE	XE1EE	DS5JMG
E73D	WR7Q	EA1P	GM0VRP		EI5JL
F6KOP	ZS1C	EA5RU	IZ8EYN	153	HK3J
JE6PJP	ZS1EL	GW4TSG	JA2CKK	AC8TO	JA6CMQ
K0BRO		IZ2CSX	JA8RRF	EA2BFM	JR1KBJ
K0QQ	160	JA0ADY	JG1XBM	EA3HDZ	K1ROA
K0SD	DL3ANK	JH0LME	JM1JIV	HC1HN	KA6RWL
K4TG	F5AQB	JR3TOE	JM1LPN	HL1VAU	KE6V
K9IA	HL1MKT	K1LI	K8ROK	JA7JAA	KM8V
K9MMS	IZ0FUW	K7BWC	KN6VTC	JF7RJM	LA9VBA
KB2S	JA1BON	K8BB	KY6AA	JH2NWP	N3AO
KE3X	K2OP	KR4BD	N2YU	JH6RTO	W4DVG
KP4N	K3SF	KS0JD	N8SHZ	JI1VVB	W6GJB
LZ1XL	K3WGR	KU2A	SM5ELV	K7HC	WW1L
N2CG	KH6P	N4QM	SO5AS	KB0EL	
NX8Y	KJ4YLO	N6BDX	W5EW	KE3ZT	150
VU3CAU	KK4CB	N9AZZ	WA5KBH	KU1T	AF3X
W1FC	KN7Y	NA5S	XE1YD	PF7M	EA2AAZ
W1MRH	N1RK	NV4A	YO3AIS	VE2ACP	G4AFJ
W8VI	OE3JAG	SV3KH		W5PD	JA7MAD
WA5NOM	S53MJ	VA3AYA	155	WA4MIT	JA7PKV
WB2NPY	SV1XV	WA0ROI	EA5B	WB9B	JE3OUW
YB1BML	W1AO	WA6EZV	EA7LS		JE4CIL
	W1ZS	WQ1H	F5NNN	152	K9ARZ
162	WB8RFB	WY1G	K8SL	AK9B	KC2WUF
F1OBJ	WQ5T	WY7FD	KA1API	DD0VU	KE6XL
HB9TJG		XE1R	LU2DSL	DK7VW*	N0VVV
IZ6ERS	159	YO6HOY	N0SL	DL8OH	N5SIX
JA4RED	CT7ANG		NA1DX	EB3CW	NF7D

NM4SH	N8KU	KF7NN	K5ZD	IK8PGE	K2AX
NU4Y	N8PE	KI3O	K7AWB	IU4BJC	K2DC
NZ4CW	VK5CE	N1BCL*	KD2SC	JG2LGM	K9BQL
UW7UA	W4HOG	N4FN	KE5FXE	KC6ZBE	KI6CG
W0PPA	WB3D	N8IL	KH6XT	N4DWK	KK5J
W7NN		RA3AOS	KO4PY	N4LSJ	N7FF
W9QO	146	TA2RC	KU9S	N5OP	W8YV
WA1W	9J2BS	UN7BK	NI4Y	NG0G	WB4DNL
WB2KSP	AA5TL	W1RG	RM4C	OT1A	WV4V
WD4IXD	DL1MEV	W5WLA	UT9LC	SM5BNK	ZP5YW
YB2IQ	JA1SZN	W9WO	VA3HP	SV1BYI	
	JF2RSF	WA4USA	VK2DAG	W5SG	137
149	JH4GXE	WB2RAJ	W0ZS	W7PC	GM1TBW
DS2BGV	KB1OIQ	WF8Z	W6QO	W9SE	HB9HHH
G3PSM	KE0A	XE1ILI	W8EOG	WA3GM	JA8KAW
K0FLY	N3KR	YB1AYO	W9VOB	WB1S	K2UF
K2KIB	N8OQ		WO5D	WF4W	K3DQB
K5KG	NO9E	143		WR2G	K3HPA
KD9ZR	OZ9GA	A61BK	141	YO3JF	K3UW
KF5WCP	R6TY	AD8NQ	AC0B	ZL3REX	K4GM
N7KO	W9MR	AE0MO	DK3TL		K7QBO
NN6K		AG5CN	DL5MM	139	K9XT
PP2FN	145	AI4QQ	DS4OMS	I8DKR	N0JR
SP1NEN	9H1EJ	CR7BRV	E70X	JA5JUG	N2SCJ
VE3FAC	A92IO	EI5KO	IW0ECV	JA5MOO	N8JS
WA4QMQ	AA5B	HB9BNQ	IZ1JIZ	K1AJ	NZ6N
WK4Y*	DL4ZAB	HK1X	IZ1JLG	K4HEB	SV3EXP
WX3P	EA7AZA	JA1JYS	JH6WMJ	KA5SYP	UA4HAD
	EA8RR	JA3PRM	JM1CMA	KJ2U	W4PGC
148	F5DBT	JA8ANQ	JR3QHJ	LZ1XZ	W4UT
7N4SQJ	HB9ZS	JK8VMB	K4EU	N1KM	WB7QXU
AA5N	K3HW	K0CF	K6RI	SP5AMN	WL7OU
CU7AJ	KB8DID	K8RMC	K7RAN	VE9VIC	XE1SAX
DM6MA	KJ6Y	K9EXY	KE4KMG	VK3MB	
EI2IP	KM5VI	KJ7KOJ	KF3N	W0SR	136
JE7RJS	N5PA	KO3F	N4LV	W2KP	DD0VE
K8GT	NK5Z	N5MI	N5HC	W4CMM	DL2VWR
N5TW	SQ2BXI	N9MR*	N6VS	W4UDH	DL4FDM
NO2C	TG9AJR	OK1WF	RA0R	W7TUS	DS4DRE
SP2LLP	WB1ATZ	OZ1OXQ	RL3BZ	W7VAS	EA3NG
WX2CX	ZS5LEE	W3UNX	SV2DSJ	WA9DU	JA1EYN
		W9MB	W3/NH7C	WB3AVD	JQ2MPJ
147	144	WB8TGY	W9COS	WW4N	K4OP
AG2O	AD4AA		WA3YZD		K7PO
CT1ETE	AJ6X	142	WW7Q	138	KB7V
HC1HC	E77S	EA2AA	YB2BNN	AB0RX	KX6C
JA0GZZ	IW1PUR	HB9BEM		AD0K	ON6MX
K3RWN	JA5XPD	I4UUL	140	DS4DBF	ON7DR
K8CR	JA7MWC	JA1CPU	AG1I	EI3ISB	PA5CW
KG5POL	JE4KCN	JE2DOD	AG6HE	IZ1JLN	SK0QO
KK9T	K4ZMV	JH0WYT	EC7B	JG3KMT	SM6YF*
KM1R	K9MQ	K4YZ	G4SGX	JH1ORA	W4DWS
LA8PDA	KA5JSM	K5VG	HL2DBP	JH3PRR	W8MIL

W9KM	K9BO	HK3CW	130	W1KMA	VU2NXM
WB8QZM	KF9AF	JA5CDL	AK5X	W3GP	WA1KXV
WG0G	N0TK	JE4WOK	DK3BK	W4EJG	WC4B
YB0MWM	N2MN	JG1WNO	DM3CW	WA2BOT	YO4CPO
135	N6VNI	JH4CPC	EA5GXI	WM9Q	YO8PS
AB9KZ	OH3TY	JN1RFY	EA6LP	YB9AY	126
CU3EJ	PY2FUL	K1GND	ER0FEO		AB4FH
DL3JFN	RA3CO	K5MT	I7LGM	128	AC2QH
G3CWW	RW6MBC	K8CJY	IZ5FSA	7J1ABD	CT7BQH
G4AYU	TA1PB*	K9JE*	JF2OHQ	AB1NS	DL8SDC
JA3MIO	UT7EC	KB2XJ	KB8KIM	EA5ZR	F5EOT
K0GEO	W1MJB	N1BKB	KD1AB	EW4A	FM5FJ
K2DF	W1ZK	N1BRL	KD5RBU	IS0/YO3RA	JA3DY*
K6UXO	W5RDW	N1ZJ	KM3J	JA1ERB	JH8LEY
KD1F	WA1LAD	N9XG	KN9N	JA6SQR	J11FXS
KN4WOJ	WA5CMI*	PY2OP	KX4I	JS6SCC	JL2ULM
KX5U	WB2UFF	R0QA	N9RE	K0MB	JR4DHK
LB2TG	133	SV2CLJ	VU2YYF	K3CWF	K1RI
N7MB	9A3IE	VE3NKS	WA2MUA	K9AAA	K2RKJ
NC6K	GM5YTT	VU2DED	WA3SKQ	KE4S	K2XB*
NF6P	HL2ADO	W0DD	WD1M	KF4JHG	K4RSA
ON4AGX	JA2CPD	W6TK	YU1LD	KF6A	K9LCR
PY2CP	JA5SEY	W9KX	ZS2ACP	KP4DS	KE1B
SM2DMU	JH1BHW	W9RB	129	N8II	LU7DW
UY0MM	K0IO	WA4VJK	AA4MM	NA2U	NC4RY
W0JW	K2FJ	WU7X	DL8UAT	NB3R	NJ1Q
W3NRJ	K2KJ	131	G3VQO	NL8F	ON4LG
W4KCM	K2OO	C31MF	GM1BSG	NR5O	PT2ADM
XE1MW	K3GW	DL5FAC	HB9EXQ	UA0ABB	VR2CO
YB0EIN	K4TXJ	DM5JBN	JA1DCO	UA0AV	W0RXL
134	K9AAN	IZ0GVZ	JA7BEW	VA3QBR	W1BYH
5P5Q	KB8ZUN	K2CJ	JH8UGL	VK7AP	W4EY
AA2T	KM2O	K3EJ	JQ3TAN	W5AAJ	WC9C
AC7JM	KN4OK	K7CMZ	K0ARM	127	XE2MX
DL9QJ	N2TC	KG4OJT	K0BX*	CT1ELF	125
EI2JD	N4UW	KW4BY	K1XO	DD9WG	AB2NI
HB9WDF	N6DVR	N9MB	K2IRM	DL5KUT	AK0A
HP2NG	NT5O	NA6XX	K4KU	DL7LX	EA4TX
IZ2MHT	W1JMM	RM6LW	K6OJ	E74A	F6FHZ
JA1PBV	W1KDA	S51MA	K8LBT	F4GTB	G1VDP
JA2LMY	W4GHW	TF3G	K9JDP	F4HAB	HB9ANK
JA6GXP	W4IR	VE3QAA	KB5HC	IK0SHH	IU5RTR
JA9EEH	W4VG	VE3VV	KH6DX	K1YR	IZ1EPM
JE6UWU	W5CWQ	VE7VZ	LA4RT	K4DET	IZ8DEO
JF3AHI	WB1ASL	W4CIR	LB8CA	K5ALQ	JA1IHD
JL6USD	WB5TOI	W4LIA	N0ATQ	K9CHP	JA6NQT
K3GO	WB9PNU	W7NP	N3GTG	K9GL	JA6SUY
K3MSB	WI0E	W8MSP*	N3ME*	KM2E	JJ2BLV
K6CF	WM4AA	WA6VZN	N5MT	KO4DKI	K4AEN
K6DJ	132	WC4V	N8AGU	NP3CW	K4UU
K6EV	DJ5DT		N9ATD	PA3AIN	K9UC
			SM2YIP	SP2JLR	

KB1AWM	123	AA9WO	NN5O	EI8JX	116
KB2GCG	DL3DUE	AE1T	NQ4A	HC1E	AC4FZ
KC4PX	G4ZWY	DK3FB	OH3GGQ	JE7KQU	AF8C
KG1V	JA2HOL	G4RGK	PT2ND	JE7OEC	F5PBL
KI0HA	JA2QCX	IU8GNY	S52R	JH4GNE	F8DZY
KJ4FZ	JR0GXA	JA3VUI	W0ZX	K0DKR	G0HIO
KV7N	K5RKS	K3OK	W3JM	K0PC	G0UII
LU8ADX	K8ARY	K5GM	W4UAT	K4BYN	HB9AJY
N3TR	K8FB	K5PC	W5MF	K7LY	HB9IBA
ON4EB	K8ZT/QR	KB4KBS	W8LIG	LA9XBA	IZ8EJB
TF1A	KE8NOA	KC5N		LU9DO	JA6TNY
W4FO	KV8P	KE1IU	119	NA2R	K2GLS
W5XU	N7ZA	KE7BMG	6K5AQY	OE1TKW	K9SUH
W8BI	NC8I	KM4CQG	A71AM	OM2NW	K9TVG
W8PE	NJ8G	KY5I	AI1W	SM3DXC	KK4ODQ
W9FF	W0LGQ	N1QAE	DF1IR	SM5BFJ	KM6WXB
W9JJ	W7YED	N2SG	DH8WR	W2EQ	KN4AMX
WS1F	W9RXJ	NX1Q	E29TGW	W4ALF	N5EI
ZS1IS	XE1AO	OK2ZDL	EA4DL	W4DFU	N8AID
		PV8ABC	EA6TU	W4DTA	NJ2X
		TA7AZC	EA8TZ	W4RQ	NS7U
124	122	VR2IL	G3LPS	W8VVG	ON7TK
AE3T	EA1T	W1GF	G4DDL	WA8COB	VR2CC
AF3K	EA7AN	W2GGY	IU4KET	WB4HMA	VU2TMP
AG3V	GU4YOX	W2RQ	IU8LMC	WB4PWZ	W1GY
DJ5FZ	HB9HFM	W4CU	IW7EDZ	WB5ZAM	W2RS*
DJ9FK	K1XS	W6CUA	JA3MAT	WD6T	W2ZK
DL5ZB	KB0V	W6GRV	JM3XZC		W4BH
F8EZE	KD6WKY	WT3Q	K4MQL	117	W4TUN
G4EXD	KF0RQ	YE1AR	K4TMG	AC4XO	W5GOL
IK8TEM	KP4DDY	ZL2AO	KB3KJ	DL2OW	W9LU
IN3FCK	M0VCB		KG4IYS	G3YFE	WA4TMJ
JA5IBP	N0IW	120	N4UFP	IK1RKN	WB8LEM
JH5OTE	N1UZ	AA0FT	N4VN	K4RP	WN1M
K0WK	N4PAJ	AB5GU	VE3MSC	K4TR	
K2JK	N5ZY	DL7UGO	VK4BUI	K5HX	115
K4IU	N8WXQ	HG6IA	VU2AE	K8MN	A71XX
K4MIJ	NE1RD	IK5BSC	W2NY	KC7CS	AK4N
K5MMH	SM2EJE	JA1PLT	W3NS	KG4URP	CT7ABD
K8RCT	W2GHD	JE1TNL	W5JE	KL7XO	CU2AF
KD0AA	W3IZ	K2SD	W5WS	LA4JGA	DL4KUG
KK4TKJ	W3MF	K5GZR	W6ELI	MM1PTT	F8GB
KL2R	W5TZX	KC3AK	WA0GUD*	N1GFV	G4EHT
N4GOA	W7GB	KE9UA	WA1EHK	N2SU	G4HUN
N9AVC	W7IAN*	KK7MNC	WB5KSD	SM7TZK	HB9GIV
NX1P	W7QC*	KM4A	YB0AZ	W0ZAP	IZ7QSS
VE4JBB	WB1DX	KU3G	YB0NFL	W4MOT	JA1CC
VU2MB	WF5T*	LA2XNA		W7BA	JN1SUT
W7IMU	YV4DYJ	N3TTT	118	WA1HXX	K1QN
WA9IVH	ZS2I	N4HUF	A65BD	WL7CG	KF2TI
WF5E	ZS6RJ	N5CR	AA7UN	WT9U	KR4Q
WY4I		NG4DX	DB9CR		KV3W
XE2AU	121	NI0P	DJ3XD		N1ECC
ZP6CW	AA6XV				

N2BSA	DJ0AH	W6BBS	KB9AIT	SM0BSO	107
N3PV	DJ9HQ	WA8KNE	KC3MAL	SM0EUI	DG1LHM
N8TEM	G4GED	WB6PIH	KF8PD	V31CQ	DJ7PI
NA9L	G4VWI		KJ7NO	VA3VF	EA4FXZ
NT4K	HB9ARK	111	KO4LEM	VE3KKB	EI4DQ
OZ7BQ	HB9MZI	AB5YI	KR4DA	W1RH	EI6GF
R2AB	IZ3DBA	AF6PK	N2KX	W2FDJ	JA9IPF
S51DV	JH3EQP	AI2S	N4UC	W4AVY	J14HKA
SM6WET	JK1WSH	EI2HIB	N5QZ	W7WT	JR3PKO
TF3DT	K5QY	EI5GM	NT6AA	W8ILC	K0XM
WM4W	KA5OWI	EI8IQ	OH2PV	W9LX	K3IK
ZS6NK	KA9JAC	EI9FVB	PA0QRB	W9TO	K3JRB
	KD9BIE	G0RPM	SV8RMA		K4NI
114	KI6RRD	HB9GZE	W4OEP	108	K5SES
DL6WM	KJ6YK	JP1PZE	W4SKW	7N4OBV	K9BR
DL7AA	LA2LI	K4GN	W4VAB	AA2F	KJ4UZU
EA4S	N2XQM	K8CMO	W8TE	AA2VG	LU2JCW
F1RAF	N4UP	KG6D	W9GG	AG4TO	N4MTT
G4YCS	N4WD	KL7XD	WA2ALY	DU1IVT	N6GEE
HA2EQD	N5PD	LZ1MDU	WA4RYW	EA3UU	NA5WH
HA5DI	SM7CZL	M0RTP	WB2BXO	EA4D	NS7K
HI3I	TG9NX	N9NFT	YB8HZ	EC1AE	R9GM
IW1CAB	VA2EU	NA8W		EI6GI	S57J
IW7DMH	VA2GA	NO3U	109	F5VML	SP7ASZ
JA2DCN	VU2OT	OH3DP	AA5H	IZ4GOL	TF3MH
JL4BSE	W2RDS	OH5NS	AD0TR	JA9KTT	UX5XK
JR5KQF	W4LZW	PY6TS	CT3FN	JE2VYM	VE3BHZ
K5NV*	W4MBD	SM5CSS	DJ6OZ	JF1KIG	VU3DJQ
K7PTC	WA1DD	UA4PT	DK1MCS	K6DLB	W1USN
K9KDS	WW6W	W1MJC	DL1SWN	K7LOL	W7KKC
KA9TOX		W2GM	DL2NAI	K7QA	WA4OTD
KC9GHA	112	W2VT	DL9SAD	KD8DEU	WA7HQD
KI0KN	G4NAQ	WB5MTV	GM0SCA	KT5V	WB2MKX
KI4TZ	G6NHU	WB9WHQ	HB9CPS	M0AQM	WB4EVH
KW8I	I2YPY	WD0AJG	JA0HXV	M0PCB	WB5TEQ
LA3ANA	IS0MVE	WM0G	JA1DHY	N2YBB	WB8PKK
N3NVA	K1TKL		JA1FVS	N2ZL	WZ9B
N4MIK	K3SUK	110	JA1QOQ	N3CAL	ZS4JAN
N9ETH	K4NNQ	AB8M	JH3AEF	N4LS	
ND4K	K4RM	AC6T	JJ1SZA	N4MC	106
NE5W	KB1W	CT3EE*	JN3XEZ	N4WOT	AI4EY
NX2X	KI0G	CT4CH*	JT1DN	NG4C	AJ6V
NZ0O	N4PHH	F6ARS	K0MFI	NW2I	EI2FG
PV8DX	NT5EE	G0GFC	K4LQ	PP5VA	EI9CN
RA5C	NZ6L	GM0VIT	K9KJ	SP5UFG	ES4RX
RA9SAS	OZ6TL	JA0EBV	KA1RUE	VE1JF	G4WWG
VR2VGM	SP9FWQ	JA5EEU	KA2F	W4OV	IZ2IPF
VR2ZXP	W3KHZ	JA9KA	KK7YC	W6KF	JA1RBY
W8FAX	W3RSR	JP1GVC	N0AMI	W7HJ	JE2VVN
WN0L	W3XX	K2GW	N2CJN	WA2ONG	JH1OVY
	W4BR	K3RRR	N4DOU	ZL1IM	K0MD
113	W5EC	K4VAC	N7TW		K1FUG
4F1OZ	W5MJ	KA4H	OH4KRN		K2KYH

K6GCN	N1AH	NS4F	W4YR	BX5AA	WD0ANB
K8RD	N1TQ	PY5VC	WA2VJL	CT1ESO	WD4OHD
K9WMS	N1XL	TA1AL	WA3PAK	FM4LV	WD9IOK
KB5UNX	N3DD	UA9AGX	WT5L	G0MMI	ZS6C*
KE7AUB	N5VBK	VE3FRR	YB1SKR	G3VDB	100
KF5BA	N8YQX	VE7NS	YO2OXD	HS7WMU	9M2CQC
KO4MA	OM4KW	W0YK	102	IK2SYK	A41ZZ
KS4Q	PB7XYL	W1CDC	2E0000	JA1KZP	A71EM
LX2KD	PT2DF	W3DIY	DL2DCX	JA3AOP	AA1SU
N2BT	PV8AAS	W5DWA	DL3XAC	JE6JAO	AB3TM
N4GRC	SV7CUD	WA4IXW	DS2GOO	J11ZS	AD9DX
N4KEB	TA1UT	WB3FHU	EA2RY	J15RPT	AF4OZ
N4PF	VA2LC	WU1T	EA4ESI	JK3NSD	AF6O
N5RN	VE7ON	WU6K	GI4OWA	JQ1QGM	AF7WM
NH6L	VK7ZE	103	HB9BEP	JR1QLM	AI6P
P40P	W1ZZ	AB8DG	IC8XIL	K0WJ	BA5AG
SM0XG	W3WN	AD7XG	JA5ALE	K4MSS	DB3KE
SP7QHR	W7SMW	AE7U	K2KNB	K7UPJ	DJ0CL
SV3RKM	WA3IIA	DU3GKT	K3UT	K8DTF	DJ4LR
TG9AWS	WB6JHI	F5VIF	K4QS	K9EA	DL1TPY
VE7UF	WD0FYV	G4BMM	K6JAD	KC0V	DL2RUG
W3CL	YB1BUL	G4ZOY	K6XJ	KC2SIZ	DL5JH
W6IA	YB7WW	G8GNI	KC3OPI	KD2GC	DM5TI
W8LR	ZL2DD	JA1CCH	KC8YG	KD2NF	EA5BYP
W8QW	104	JA3PYC	KJ4EX	KF5MDZ	EI9HQ
XE3ARV	9A3QY	K0JPL	LA5MDA	KK4MA	G0WEJ
ZL3RIK	A71UN/P	K0KL*	LZ2HM	N4ZR	G2DP
105	AC0DQ	K1MDA	N0OK	NK7L	G4FSU
4F3BZ	DB2WD	K2AMI	N4IR	NU0Q	IK7NXU
DK7GH	EI8GS	K2WJ	N9AKR	NX6D	IU2LFP
DS5RNM	GI3SG	K3LA	NZ1I	PY2YW	IW2FLB
G3LAS*	HL4GHT	K5VSD	OA4DGS	S57NML	IZ3GJL
GW0ANA	JG1LFF	K8TLC	OK1DXO	SM7GXR	JA1QEY
I0BJV	K1NV	KA7CVJ	OZ5VO	SP5BMU	JK1OTP
IK2HLM	K3NO	KC3NIE	PE1DAB	TG9AKH	JR2PAU
JA1IFD	K3WSU	KG5NP	SP5NON	US8ZAL	K0FTC
JA3KWZ	K5YE	KN6KI	VE3DIT	UX4UM	K0YL
JA5GOJ	K6VVK	KS0Y	VE3XB	VE7XT	K1GW
JF3KOA	K7IA	KU4A	W4JDS	VR2PX	K1HC
JG5VFK	K9YKL	LA5HPA	W4WNT	W0QL	K1MLP
JM7TKK	KB3Z	N3ER	W8EH	W0RMS	K2ITT
K1PU	KC5LT	N4DJT	W8UQ	W1ES	K3LL
K4UQC	KE8Y	N4PGL*	WA8Y	W2MW	K4KYN
K5WE	KN6HIP	N9OI	WD8KRV	W2YWC	K4KZM
K6BLG	N3YZ	NJ4V	WK3A	W3ATT	K4PWS
KD2CYU	N4NYY	NN8L	WW3QB	W4BZM	K5JUC
KD8BZY	N6DW	RZ6MJ	YO6BHN	W4PM	K5KEW
KE3A	N9ICE	VE3XK	ZS6HON	W6OU	K5PSN
KG5VK	NA4D	VU3RGB	101	WB5HJV	K7GT
KI3F	NB2P	W0RI*	AA4QE	WB7NAM	K7HV
KY6J	NE3K	W2TX	AD4J	WB9ZNZ	K7RB
LZ1JZ	NJ8J	W4PG		WC2W	K8JRK
				WC6Y	

KA9JCP
KB6IGK
KC5RR
KD1DT
KD4SR
KE5MMT
KF5TL
KJ4SKO
M0IFT
N0KM
N0UCR
N0YO
N3VJ
N4FKH
N6RVI
N7TP
N7UJJ
N8XS
N9APK
N9MKC
NI0R
NN6CH
ON6JY
OZ2BX
PA3DTR
PA3HGC
PV8RR
SP7LPD
SQ7JZO
T88UW
VA6SP
VE3ZN
VK2IS
VK3YR
W0YRE
W2PTP
W2XX
W3SW
W4CG
W7UV
W8BZY
W9ARG
W9GFB
W9MCP
W9ZT
WA4UWD
WA9LKZ
WB6RAB
WN9A
WQ9F
WV4E
YL3GDM
ZP9CTS