

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 19 Oct 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	342 JR2KDN K4DY K5UR KF2O N6AR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM	W4DKS W5BPT W5ZN 331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW 330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JH1GZE JI4POR
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 JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT I4AVG JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF	
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE	336 G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX				

K3WC	DK5WL	OE2LCM	UA3AB	W8GC	RA7A
K4CN	DL2OE	R5AJ	UT9FJ		RW3RN
K4ZYU	EA1YO	SM4EMO	W7AO	320	SP1MGM
K9CT	EA5BM	SM6CCO		AA8CH	SP3CGK
N4JF	I4EWH	SM6CMU	322	CT4NH	VE3LYC
N8JV	JE2LUN	SP1S	CT1BH	DM5EE	
N9IW	JH0INP	SV8CS	EA2IA	G0BLB	317
NR1R	JI8DGO	W1RM	F5PAC	I2EOW	AB9V
OK1MP*	K0DEQ	W3LL	IK4GME	JA3PIS	DJ5FI
RA3CQ	KW9A	W6RLL	IK8YTA	JO7WXN	DK2NG
SP7GAQ	N2BJ	W9OP	JA4FKX	K1LD	DL5WW
W3NO	N6JV		JJ2LPV	K4EM	HB9HFN
W4UM	PY2YP	324	K2UO	KQ8M	JA2IVK
	RZ3AM	DK9KX	K7NN	NE1B	K2RW
329	SM2GCQ	DL5DSM	KU0A	UY5ZZ	K6YUI
GM3POI	SM5CZQ	FK8CP	KV7K	VE3EXY	K9MM
IT9DAA	SP6M	G0DQS	N4DW	W3KX	KE9L
IV3JVJ	SV1RK	G4CCZ	N4NX	W5WT	UX1UA
JA2JW	YO9HP	I0WDX	N4PQX	W6XA	W6VX
JA7KY		IK5PWQ	OE1WEU	YV1DIG	WD0DAN
JA7MSQ	326	JA2BDR	OH1LEU		WX4G
JH1TWT	EA5BY	JA2DPC	ON4CD	319	
K0EU	JA9APS	JJ3PRT	PA3EWP	DJ4AX	316
K1HTV	JE1SYN	JR2LJO	R7DX	DK1FW	AB3CV
N5AW	JF1WPB	JR3OEH	SM5KNV	EA8AKN	DF2UU
NI0G	JF3KON	K5KC	UA4CC	HB0CC	G0OIL
NO8D	K5EK	K5MC	VE1DX	IK4DRR	IK2QPR
OZ1CTK	K8PT	K9YY	W5CIA	JA9TWN	IW1ARB
R4GM	LU2NI	KA9CFD	W5TCX	J11DHY	JA5XAE
SP6CIK	N3NT	N1NK	W8A	JR7VHZ	JA8EAT
SP8NR	N7RT	N4II		K6AM	K1BD
W5XX	NK1K	N8BM*	321	N4DB	K3WA
WA1JMP	ON4IQ	OE8HIK	AA4V*	N4QS	K4HB
	OZ1AXG	R3OK	G3TXF	ON4AOI	K8YTO
328	SP5DIR	RV3LO	HB9BIN	UA3AP	KG8P
AA5AU	W8DCH	VE2Tzt	IK2YCW	YO3APJ	N5DG
DL7MAE	WP4U	W8OI	JA0GJJ		SP1JRF
IZ5EKV		W9OL	JA1XEC	318	UA3DPM
JA1SJV	325	WB4TDH	JA3AZD	A45XR	W1GL
JH2FXK	EU7A		JH1IFS	AA4HP	W7MO
JI2KXK	HB9DHK	323	JH3CUL	DL6KR	W9ILY
K4QL	I5NPH	AD1C	JH3VNC	G4PWA	WA2VYA
RU3FM	IZ0AEG	EA3GP	JH4ADV	JA1ANR	WA7NB
SL0ZG	JA2FJP	GM0GAV	K2VV	JA2JNA	YB5QZ
SP9DWT	JA5WIZ	JF1KKV	KX4R	JA4EPE	YO7LCB
W1ECT	JF1PUW	K6FG	N5XZ	JH4JNG	YS1RR
W2IRT	JF7XKY	KF0QR	OE6MDF	K2TE	YU3AA
W5FKX	JH8RZJ	LA7HJA	OE8RT	K4IQJ	
	JL1RUC	N5TY*	SM6DHU	K5BG	315
327	JR3GWZ	N8RR	SP7VC	K5DU	9H1SP
AB4IQ	JS2LHI	NY0V	SV1FJA	LA2PA	AA5AT
CT1APE	K9EU	OH2BLD	UT7UJ	PY5EW	AB6QM
CT1IUA	K9IR	SM6DHF	W4FC	R3VA	G3VKW

HA1RB	JA7JWF	310	N8TR	W5XC	SP7HOV
HK3W	JA7QVI	HB9SLO	NQ1K	ZL3JT	SP7ITB
IZ1LBG	JF2UPM	JA0CRI	R7NW		SV2AEL
JA8RJE	JG3LGD	JF8QNF	SP9JZU	305	W1SKU
JA9CWJ	JH1NYM	JG3FEA	UR5EDX	AJ6T	WT8C
JN3SAC	JR1BAS	K0KX	VA5DX	DJ4XA	
JR2BJE	JR1BLX	K6RO	VU2NKS	G5LP	302
K8NVR	JS3CTQ	K8AC	W1YM	JA1IOA	DJ5JH
N5OK	K4SO	K8FL	W2QO	JA1WSK	F5CQ
NN4R	K6KLY	KC7V	W5ADD	JA2NDQ	G3SVD
OE3EVA	K9US	LA9AJA	W6ENZ	JA7BWT	HL2IFR
ON4IZ	LA7JO	NS6C	W9MU	JE6TSP	JE8CLT
PY2NQ	LB8DC	RA0FF	WA8WV	JH7RXU	K4MS
SM3VAC	N2NL	RL9F	WE9R	K0JUH	OH8LXT
SV2DGH	N4TL	SM2OAN		K3XA	PY7DJ
WB0TEV	N8KOL	SP6HEQ	307	K9NW	R5DT
	ZS6EZ	W0YG	A65BR	N9AU*	RK4FD
314		W4BP	DK2JX	PA5TT	W0VX
AC4G	312	ZS1LS	F2JD	RA9CMO	W4QN
CT1DKS	AA5AM		HB9TKS	SM3NXS	W5VY
DL6CNG	F3SG	309	I5HOR	YB1UUN	WD4LBR
EA1N	JA1SYY	JA1EOD	JA2XW		
EA6VQ	JA1VSL	JG4AKL	JA3GN	304	301
G3NDC	JA1XCZ	K1AR	JA6WJL	DJ9ON	AE5E
IZ8FFA	JH1AGU	K2UU	JJ3HGJ	DK5AD	CU2AP
JA2AH	JH1QAX	K8QM	K2SHZ	HB9CEX	HB9BOI
JA2ZL	JN1BMX	K9ZO	K9RX	JA9FAI	HP2AT
JR4OZR	JR6FC	NN4SS	LU8EKC	JE1DXC	JA0DIN
JR9LKE	K1HT	NU8Z	NI6T	K7WP	JA1LSP
K2LS	K3RA	R9TO	W7DO	K8GI	JA1SVP
K5AQ	K5XI	RU3DX	W7OM	N7US	JE1LFX
KB0EO	KG4W	RX3AGD	W9JA	N9RS	JG8FWH
LA7AFA	N1IBM	UA4LY	WA5VGI	UY5AA	JK1GOK
MD0CCE	N5ORT	W2JU			K4SE
OE1AZS	RU3QR		306	303	LA5LJA
OE1ZL	SV1CNS	308	9K2OD	E72U	MM0EAX
SM4DDE	UT2UB	DL2CHN	DL1KUR	EA3GHZ	RN3QN
SV1DPI	W7CT	F4BKV	DL5EBE	G3LZQ	UN6T
SV1JG	W8HW	HK4SAN	HB9DDZ	HB9DDO	WB5JID
UA6MF	WD9DZV	IU7QBB	I1EIS	HL3IUA	
UX0FF		JA1IZZ	IK4PLW	HL4CJG	300
W9RN	311	JA2WYN	JA2VQF	IK2RPE	AC0A
WB8BPU	CT1FMX	JA7IC	JE2LPC	IK4ADE	DL1TRK
	IK0PEA	JA9GPG	JR2UBS	JK1EXO	DL4CF
313	JA2XYO	JE2EHP	K5WAF	K7ZA	EA1AF
5B4MF	JA4MRL	JH1SJN	KD3CQ	KB1JZU	EI2GLB
CT1GFK	KM4H	K0GY	OE5RLM	LA3WAA	IW0HQE
I3BUI	OE3SGU	K0KVR	R8TX	OE5BWN	IZ5RVG
IZ2AMW	OZ4O	K8OM	R9FM	RL3FA	JA2ATE
IZ8FWN	PY2XU	K9MK	SP5IWA	RW4NN	JA9AA
JA1GRM	UR0MC	KI0KB	UN7JX	SM6CUK	K8GG
JA5IU	WB9CIF	KN5O	US5WE	SP2BMX	K8TL
JA6VQA		KS1J	W5AJ	SP3IBS	K8VFX

PA3CSR	W7ZJ	AJ9C	W6SR	RA1QD	K1RO
VU2PTT		EA6NB		S57AT	K5PS
W3OA	296	HA5VZ	291	VE3EK	N8SNM
W3RJW	AA4R	HA9PP	4Z4DX	W9YSX	UR5WA
W6TC	AA8OY	IT9CVO	EA6ET		VE1JBC
W9AJ	AD6W	JA1XPQ	G0EHO	288	W3GQ
WA9PIE	CT1DOF	JA5SUD	JJ1TKN	CT3MD	W6PJ
	EV1R	JE1GWO	K4ZO	JA2JRG	W8AXI
299	GM0AXY	JH1BAM	KP2A	LZ2JE	W9MJ
4X6ZK	IV3YYK	JJ1DWT	LA5HE	N4LR	WN6W
DM2DXA	JA1JAT	JR1DUP	N2TN	N5LZ	
EW2A	JK1TCV	K3FRK	N7RO	N6UK	285
HB9CQK	K0KT	K7ZV	PY2KP	ON6AA	CU2DX
HB9RG	K3PA	KD0Q	VE3CFK	UA3AGW	DL2SWN
IK5RUN	K6FW	KZ4V	W7BEM	W1YIF	EA3GHQ
IZ4MJP	K8VC	N0KV	W8TN	W2LE	EA5KA
JA7LGE	LA8PT	RU6L	W9FR	W2NO	HL2WA
K6SIK	LU4FPZ	SV3DCX	ZL4TT	W3FOX	IK8VRH
K9SM	N0RB	W3JX	ZS2DL	ZS1A	IZ8DFO
KB8VAO	RA3QK	YO2CMI		ZS2EZ	JA0PE
N9FN	SM6BZV		290		JA2IYJ
UA9FAR	SV9COL	293	AA4A	287	JA2VMU
VE3BW	UA6YW	DL1HRN	DS1JFY	9M6YBG	JR8AMF
WA3AFS	YO2RR	DL1SMA	I4KDJ	AA8LL	K1USA
XE2CQ		EA3WD	JA1KQX	AA8R	K6GXO
	295	G4GIR	JA1QXC	IV3GOW	K6PJ
298	DL1DUO	IK0HFO	JF1NZW	JA9NLE	KJ6P
5B4AHJ	EC3A	IW1QN	JH3GCN	JE2OVG	LA8HGA
CT1FCX	IW0SAF	JA2CXF	K1DG	K0AZ	N8LJ
DL7BA	JA1BPA	JA3EOP	KD0PO	K5RT	OE1WHC
JA4ITW	JA1FQI	JH0BQX	LA2QM	LA3MHA	PE1L
JA5BEN	JE2DZC	K4JAF	LU3CQ	N3VA	W1OPD
JA7MYQ	JH4ALY	N2LM	PP1CZ	N8PW	WK7E
JL2JVX	JM1FHL	N7IR	RD3AW	R9SA	
JR7WFC	JN1RQV	PY2IQ	SK3PY	SM5ARL	284
K2PK	K0BBC	S55DX	SV3AQR	W1VT	DL6JZ
K8EUR	K0TPP	WA4FFW	UN7LZ	W4YCH	EI9FBB
N4RWG	K1GG		UN7TW	W8AV	GM3PPE
ND0N	K4XD	292	W1EQ	WA6F	GM3YOR
PY2VA	K5VIP	DL5CW	W2LK		IZ3ENH
ZL1BYZ	K5ZK	E72A	WB9EEE	286	JA0DET
	N7TY	EA5AT		AB5A	JA8CJY
297	NA5C	G8DX	289	CT3HF	JG3SKK
E73Y	RM0F	HB9BAT	DL9TJ	DL2VPO	JH3SIF
JA3RQ	SM5FUG	IZ0RVI	HB9RYZ	HL3GOB	OE2GEN
JE7JDL	SP8HKT	IZ3ETU	JA8EJO	IK0AGU	OH4UI
JG0CQK	SV1GYG	IZ8VYU	JA9FPI	IK0XBX	SM0CCM
K6ND	W5LT	JA3ENN	JA9IFF	IZ8XQC	SM6CTQ
K8WK	W6XK	K5DHY	JG1WSC	JA2FGL	W2AY
KG7H	W7AL	K7ZD	JH4GJR	JE3ENP	W4FQT
KT1J		N8II	K3UL	JF2WGN	W5ODD
W2GG	294	R6AF	KK0M	JH1BNC	W8BBQ
W6YI	AI9L	W4VIC	R0FA	K1LPS	

283 DF2GH JA1RTX JL1XMN K3WW N6TA OE8SPW W1LW W6BJH WT4Q	VK3HJ W8LGJ ZS4TX	W1KSZ W1YRC W2PP W3BW W8RLS	UA3ECJ W3ACO W7MEM	IZ8EJB JH1OCC JM1HJG K3PU LA9GX N4UOZ NN4X UA3TT W1MK XE1MEX	SM6BGG W2FV W9OO WA1YTW
282 K1DT K5UO K8ROX PC3T SM4CTI UA0BA W4OX W9HBH WA3C XE1KK	279 AA6AA HK1MW JA2XCR JA8DNV JE8TGI JF2XGF JH7BKN JK1UNZ JO4CFV KF2DT KQ4AV OH1ZK SM0NJ0 VE3DZ W4UCK WB2BIN WO7R WS5W	276 DK3WW HB9LCW IZ5BAM JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1ZT W2OIB W5GO	273 CT1BWU DH2PC JA1KPH JA2TBS JA6BEE JM2RUV K4RG KA1ERL KI5BLU LB2TB N4IG N4JQQ N4QQ OZ1ACB OZ4VW RW7M W4HG W8QZA/QRP WA0MHJ	270 7K1PTT AA4FL BA4MY DK8MCT EA1KY F9XL K0BJ K7UA K9JF N6RV OE3HWC PU2POP VE6LB	267 DL4DW HB9MFM IV3VBM JA2QXP JA7BEW JA8UIV K5VWW K7XB SM5BMB W6RS
281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8HC W8KEN	278 9A4T CT1FPQ EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM4AZQ VE3CRG W4MAY W8MHW WF2S	275 AB4SF JE1BMJ JG1OGM JI3CJP N2JJ N6PSE N7KA ON5UE PA7RA WA0RVK	272 AF9H DS5ACV I5OYY IK5PWN JF1LMB JH1OBS K1UU K6IPM K7EG K8BL K9MBQ KB1EFS KI4GE N2DPF NV9L OE5FIN PA0ZH SV1ACK W2OO W3AP WA1S WL7E	269 HB9IQB IK7FPV IK8EPC JA1OVF JA1VLK JA4VLK JA6GPR JH3FHQ JP1NWZ K6EME KR0P NW7E OM4EX SM5FWW YB1AR	266 EI8IU IK0UTM IW7DVM JA3BXF K8AJS NU1B PZ5RA RA4CA SV1HEP VE3YF W0FLS W7Yaq W8MET WB2GAI WB3LHD
280 CT1EAV JA3XNH JA6TMU JH1HHC JN7DOS JR6LLN JR7FRW K0TT K4WNW OH1JP PY2DS SM5CZK UT7UV	277 EU1KY F5PBM F5UJK IZ4DPV JA8EOT JH3KAI K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM	274 7M4AOE EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F NA5DX RA5BM SV9AHZ	271 4X1RU HL4GAV IK2DZN	268 HB9BUN JA1IAZ JA1NWD JH4HMG K2KA K6BV KD4W N2AJ N5JB	265 4F2KWT G3WPH JA1VRU JA4FM JE2RDO JH1ACA JR1WCT K0DD K2CBI K2SN N5KM N9JV SP6JIU VE3SKX W5DM
					264 4Z1UF

EA1KP	W7LGG	259	JA0KJE	KM6HB	W5GAI
F6DBX	W7QDM	CT3KN	JF2VAX	N7XR	W8OP
HB9DHG	W9PZT	DJ8NT	JH1RGG	UA0FO	
IK4AUY	WA3GFM	EW1BA	K4JJW	W6RW	250
IZ0NRG	WB8ART	JA8BNP	K6EID	W8GNM	6K5YIA
JA7HRM	WQ6Q	K2UFM	M0TTB	WF4U	EA1RT
JF2WXS	YB2DX	NI3P	VK3NX	YB0COU	HA7TM
JR4LNG		PY5CC	W6DE		HB9EBM
K1CA	261	SV1FKZ	W8JRK	252	HB9EFK
K8RRT	7K1CPT	VK4CAG	WB7B	DL7UPN	JH3GFA
N1EN	DK3PZ	W1KDA	WV9L	F1ICS	JH6PFY
N1GC	EA3EQT	W7AH		G3KWK	JL1MWI
PA7TWO	G3UAS		255	G3NKC	JR0EQQ
SV1CQN	IS0AFM	258	AI6Z	JA1BNW	JR5JAC
VE6AX	IZ8IEV	CU3EQ	EA5RD	JA4HAW	K1KA
W5PF	JA3FHL	DK7YY	F6ECI	JF3PNQ	K9YC
W6TMD	JH2PWY	HL3AMO	HC1BI	JF6XQJ	K9ZM
WV4TN	K2FW	JA9AGN	HI8R	JH4CBM	KQ3F
	K7LJ	JR3UIC	HL3DE	JL1BYZ	OH2IS
263	KM1D	KH2L	IV3TMM	JR1VAY	PA0JSE
DK4TP	LA5SJA	SA0AQT	JK1OPL	K1EFI	PY2FN
EA3CJ	N9UA	US0YA	K1FEV	K5FZ	W7HPW
EA4DL	OM8FR	W1SSN	KR4F	KB9DAK	W7IU
HA7UW	SM7CQY	W5JAY	N1RK	N6PM	YL2KF
JA7XBG	W0JM	W9EWZ	N5BO	OH7TV	
K1KO	WA5LFD	ZL2IFB	VR2XMT	W2GW	249
K4KAY	ZS6WB		VU2CPL	W2ZI	AF5CC
K8FH		257	W2/CT1GIF	W7CA	HL2CFY
K9FN	260	AF4HX		WA4CEM	IZ8GGF
KN6KI	AA9A	DJ0UT	254	WA4JQS	JA8FFM
N1RR	EA8MT	DL9FCY	BA7IO	WV6E	JH1APK
N7BT	EA9IE	EA1JO	CT1BWW		JH8GEU
NA5Q	EC1AIJ	EA7SG	IZ5YHD	251	JJ1QUV
NF1G	F6HLC	EB3CW	JH1VUO	9A4W	K9NR
SM7IUN	FG5FR	HA5PT	JH2VVH	DL2RTL	KF7F
W0GG	JA2FBC	IK2PZC	JJ1BMB	JA1DDZ	N0RN
W2XI	JA3VPA	JA6OXT	K0GW	JA1EMQ	N3KN
WA4LOX	JA3WLN	JE1PNX	K3SEW	JA1SKE	NH6T/W4
ZS6NJ	JH3FUK	K1SM	KI1U	JA5BGA	OZ5NJ
	JH4ADK	N1API	LA5YJ	JE1VTZ	SM4OLL
262	JJ2WOC	N6HC	NE8P	JH1DGJ	UN3GX
CU3EJ	K1ESE	PY2MC	UA3O	K4VIG	VE3YV
I5REA	K8YSE	RU1AB	WB4KTF	K8CW	W0RX
JA8BAR	LY1G	SV1VS		KG9Z	W8IQ
K8AV	N1SV	W3FI	253	KJ7TEA	W9RC
LA6UL	N6MZ	W8MJ	AC9O	N4SC	WB8K
LA9FFA	NT5V		FG4NO	N5UL	XE2D
N3RC	SK7AX	256	JA6IVR	NV4B	XE2X
N8OC	SP6A	BH4QYX	JA8XQI	SM5FQQ	
NK4L	TG9NX	EC1A	JE1HRC	W2JLK	248
NX0I	WS9V	FG8OJ	K6MKF	W2TB	AK5X
W5ZG	WV8DX	GU0SUP	K8DV	W3ABT	DS5DNO
W6NWS		IK4HPU	KE1F	W4SK	EA4DEI

G3VPW	S55ZZ	241	K9GA	YB2TX	JA3NHL
HB9DOT	YB0NFL	AB5C	K9OR		JH1SOD
HL2KV		E21EIC	KA4RRU	235	K8BN
JA1PBV	244	G8AJM	M0CSD	EA5B	K8EAB
JE2VLG	G4FKA	JA6AVT	N4PJ	EA7QW	KK9H
JJ1SKG	IK8UHA	JH1UBK	N5ZC	EU1U	N9BX
KF9UG	JA1CZI	JP1IOF	VU2CDP	JE1IBI	NE3F
N4QWZ	J16IHG	K1XV	VU2DCC	K0EOO	SM0XBI
N4XP	JN1NBU	K7KB	W3MR	K0VSH	W2NRA
N6KZ	K0KG	KV1E	W4KA	K4YJ	W6YOO
SV1IW	K1YR	N4OA	WA4QMQ	K5CWR	WB2KSK
W8IW	KK1W	N9SF	WB0TVY	K8ZM	WD8PKF
	W0QQ	W5DNT	ZL4AS	N2FF	WE4S
247	W4REX	W5QM		N4IQ	
AA7G	W5PJR	WB8CQV	237	NA5Z	232
CT1FUH	W9FI		CT1BOY	NJ7G	EW4C
K1PL	WA2USA	240	G0VXE	NW4M	G3XLF
K3VAT	WA3F	G7SSE	HB9CXZ	TA1CM	HB9DVO
KH6M	WA8MCD	IW3GJF	JH1DGQ	W2DXE	HL2ZN
N7DED	WC3W	JA1DM*	JR0QFA	W7YW	JH0OXS
NA9RB		JA2FSM	K1RV		JH6DUL
OZ7FOC	243	JF2OZH	K2NV	234	JR3VMJ
PY5IP	DS5TOS	K4QE	LB5WB	DF7EE	K4ST
S51NM	EI2HY	K9JU	SM0MPV	DK2CC	K5FNQ
W7IB	G4XRV	KF0LA	UN9L	HB9BYQ	KB1DMX
W9JJB	JA2EPW	KZ5DX	W6AER	HS1NGR	N3PS
	JS6TWW	N0ABA	W8UN	IK0LNN	N9PGG
246	K8ME	N4HID	WA0ROI	JA2OLJ	NY2NY
GW4TSG	W1BR	PY2GG	WB8B	JE2EBT	RQ3A
HL2EIZ	W4PNY	SM3LGO	WB8ZRL	JH5HDA	SV8DOU
I0JBL	WX2U	SP5LKJ	YO3JF	JK1BSM	W6CYX
IV3KFB		UX5UO		JR4LZX	W9ZCL
JK1WSH	242	W0SZ	236	K0VM	
JR7GBL	EI9FVB	W8WEJ	HB9DQV	K4JC	231
K3EA	JA4ZA	XE1RBV	HB9ZS	K4MF	AD5WB
KB6CIO	JH1ERJ		IK2DUW	K6ZZ	DK6OR
W1KMA	JH1WJR	239	JA1HOM	KE5FXE	IK1IYU
W3ICM	JK1VXE	AG1A	JA1JYE	KE8UM	JA1MZL
W5ZO	JR1MLU	DJ9RR	JA3KNN	KX2A	JH0AWC
	K3NQ	IZ1JMN	JN1NOP	ND4V	K2RU
245	K3WWT	IZ2FOS	K1ACL	SV8CKM	KD6UO
AC9EM	K4PB	JA6CBG	KM3J	W3WST	LZ2XF
AJ8MH	K7FEL	JA7KE	KS4S	W9MO	N8HRZ
G3KMQ	KJ7M	JA9NFO	N4GN	WA5UA	NA4EA
HB9JOE	LU6ETB	JE2UFF	N6IE		SM7NDX
JA3QOS	N2NS	K2XF	OE2BZL	233	W4UDH
JJ6DGP	N6HY	K8YYY	PA0TCA	AA9GR	
K5IB	NF4A	N8SHZ	W0HBH	AA9RR	230
KF7PG	PA3BWD	WA6JA	W2YR	AJ4A	G3LUW
N0AH	RC2A		W4GIW	DH0GSU	JA5NPV
N2NW	VK3BDX	238	W6DR	DS3HWS	JH7WQX
NZ3O	W8CZN	JA0LXP	WA1PMA	EA5AR	J11VVB
OE3KLU		JF0JYR	WY6N	JA0KJD	K2SY

KC9K	NA9Q	224	K5DV	218	KF4NEF
N4TOL	W4DEE	JA8NFV	K5ZQ	DL2NOM	KO6KD
W2KA	W5RF	JH1OGT	KU4XO	DL4NBE	N8NN
W8FIB	W5SL	JO1LVZ	KV4AA	EA2AFV	RN9N
W8WVM	WA9GON	K1CBK	N9JR	G4VMX	W0FG
W9YE		N3RW	RU0SN	I7PXV	W0TT
WB2NPY		N7WO	W0BM	K5ALQ	W1JGS
	226	RW4CY	WA0WWW	KE3D	W4IS
229	DM2RM	SM7BHH	WB0N	N4JT	W6SL
AA3LX	I0OSI	SP6AXW	WC2K	SM7WVZ	WA6HBR
AE0P	JH1IED	V51B		TZ4AM	ZL2AL
AH0U	K2BA	W7NN	220	WA2NPD	
DL8SDC	K2HAT	WN6K	AA6RR		214
IK2GAJ	K2SD	ZS2Y	DL4LAM		3A2MW
JA2VHO	KK0DX		EA5DFV	217	DJ3AS
JA7QQQ	KK4OK	223	JP1GUW	IK0CHU	F4GVO
K0HD	N2KX	AB4UF	K1DJ	JA2NNF	HB9VAB
K3FM	N2SQW	AF2C	K1NJ	JA7ZP	JA7DPC
K4CMS	N5ET	EA7DUD	K1NTR	JG5RVQ	K0QQ
KD1F	N6BM	HB9HBZ	K1TZQ	K1RH	K2AZ
KI4DLS	N9AOL	I8MTQ	K4EU	KK2M	N9KW
N4NW	NG7M	IK2RZP	K4MIJ	KU4BP	PY2RO
NE6I	VE7TK	IZ8MBW	K5MT	N6QI	SP7ICE
UR5FEO	W7HR	K0NV	K6MM	OZ0J	W0KCJ
W1WC	W9DX	K6IPV	K7AWB	W0TM	W4WN
YB1TJ	WB0O	KI6CG	K9WX	YO3IPR	WB6BFG
	225	KW4V	KV4T		
228	DK5RL	N4ENE	KZ9DX	216	213
7J1ADJ	DS4AOW	NY1V	ON4ATW	AC4VM	9A1AD
AA0MZ	EU1M	W8LMG	SM0DSF	CX2CC	AG3V
F1RAF	G3SBP	WC4H	UR4IOR	DJ3XG	DK3UA
F5LIW	JA0EVI		W5THT	I1YDT	HB9HIT
JA1OVD	JA4CZM	222		IT9AAI	IT9ODQ
JF1RYU	JF1MTV	AK5Q	219	K7LV	IV3FFI
JF1WLK	JH8NQV	DJ9SO	AA8SW	KK4OW	JA0LFV
K4KGG	JL3OUW	DL5XL	F5JSD	KR4W	JA1FVS
KE0A	K0IL	E77S	HB9BNQ	KX4TT	JG1JPE
KE4UW	K0OK	IZ7AUH	HL5BMX	LB6KC	JG3RWX
RA3QUA	K1JIU	JM1VRW	IK5QPS	NC4RB	JR1EFG
VR2CH	K3SF	K2AT	JA1FJJ	PS8ACL	KD4SN
	K4JWA	KB5UNX	K5JZ	W0SR	N6PEQ
227	K5YU	KS4YT	KD2T	W5VQ	N8GP
DF8FT	MU0FAL	KU8X	KE6V	WB3D	NA2M*
DL2RUM	N0ODK	RA4P	KG6I	WS1L	SM7GIB
I0MWI	NA2AA	VE7BV	KI7AO		VK3FM
JA0DWY	W5GZ	W5UQ	KR2Q	215	W1LE
JK1SQI	W5LO		KR6C	9H1EJ	W3BJ
K1GE	W5TFW	221	N1KC	AA7XT	
K2TER	W8UV	EA2AAZ	N6DX	DS4GKF	212
K5CD	W9KVR	IZ1JLG	W5GA	HB9IIO	G4ZOY
K5GH	WE1P	J11NJC	W6GRV	I5XFD	JA1BWA
N1NU	YO9FNP	K4CGY	WA3I	IZ0BVU	JA3LDH
N6OJ		K4MV	WW8W	JR0AMD	JJ2KDZ
				JT1BV	

JR2PZX	WB0ULX	K8NK	K1VI	199	W4DAO
K3SX		KK5OQ	K4GO	AA3TH	W4HZ
N4FN	208	KK9T	K4JKB	AC0X	WQ5R
SM5AOG	7N3IJT	KW4CQ	K8YE	AD4AA	XE1H
VK5GR	DL4FAP	LA6OP	K9OW	HI3T	196
W5DAW	HP2NG	N7NF	K9TF	JH0RVY	CT3CD
WW2DX	JH0NOS	N8BJQ	KA1DJ	JI1WLL	DF2UA
WY1G	K0THN	W7IUO	KL7TC	JM1SZY	G1VDP
YL2TW	K4WES	WA3WZR	KM7R	JR7ILA	HB9ESS
	K5RJ	WI7P	N4TV	K4SX	I7LGM
211	K9SG		N6PAT	K4VNY	I8YAV
JE2KSM	KC2SST	205	W1DYJ	KI4WCQ	JA1XRA
JJ1JMZ	N6ZN	AC9S	W3BNN	MU0GSY	N2GZ
JJ1KZZ	N7WS	DL6UNF	WA3FRP	N2RR	N3QE
JO4JDU	NU1O	GM0VRP		NC2Y	N4HN
JR1JGA	NW6S	IK0WRB	202	ON6KE	NA9A
KT2C	W1FA	IK3GBG	BV1EK	PB9FN	SP3F
N1BY	W5FPT	JA4DHN	DL8DWL	V51YJ	SP5MXZ
VR2XLN	WA6G	JA7JM	IK5BOH/2	W6JZ	W3ML
W6UC	ZS1J	JA7MNF	JR1IZM	W9LN	W5AAJ
W6WF		JO3WHB	N8WD	W9RXJ	W6HYI
	207	K4YYL	NN9X	WB4YDL	WB5NHL
210	9K2BM	K5VR	W3NS		
AA4LR	DG5LAC	KT4AC	W4RDX	198	
CU3AN	JA7MAD	KW1DX	W7TUS	AG7N	195
JA7FAS	JE3EDJ	N2KI	W7VY	DJ0MCH	CT1ELF
JH6RTO	K6ZP	N2ZA	WE2N	IV3BSF	K3DFL
KD8RQE	KE1VT	OH3OJ		JA6ENL	K3NF
LU4FW	M0HIH	WA4MME	201	JM1ESG	K4KEW
N8BK	M0IKW	XE1J*	GI4OWA	K7PT	KE4S
ND3L	N9AKR		IZ0GYP	KA1J	KF9AF
PY2WC	NW7US	204	K0MFI	KZ1W	N3XM
S54A	OE1JIS	JL1GYZ	K2CYS	N3ND	NA6MG
W5WP	ON4ANN	KB5HC	N4PYI	NN5E	NN2D
W7FP	RD9M	KK8MM	OH2LHE	RA3BL	OH6NIO
W9IL	TF3DC	KM9E	RT5A	VK6OZ	PP7LL
WA9BZW	VK2CA	N7ELL	W1OP	W6SHY	SQ7FPH
WK8A	W1AW	VU2IBI	W6AEA	WA2VQV	VE3YXO
YB0DJ	W1MJB	W4GP		XE1FAS	W3SB
	W4GE	W7IV	200	YV5LI	
209	W6KK	WB8BZK	HB9AGO		194
JH8UQJ	W9QO	XE1L	HB9FBG	197	A65BD
K0LB	YB0MWM		IZ5FSA	4X4MF	EA5ZR
KB2FCV		203	IZ8EKL	BA4TB	K1LT
KB4MRX	206	7L2QAD	JA3EY	EA1DLU	KP3AH
KO8SCA	AG5W	DF3EC	K1ZJA	EA5HM	KR8T
N4TD	CT1HHP	F5NBX	KC6JAM	F4WDL	NJ3K
N9XX	HB9CRV	IK2RGT	KM4VI	IV3AVQ	SP6EII
PU1KGG	IW9DNI	IZ0BTU	N1IA	JA2MNB	VU2LBW
SM5BNK	IZ4DIW	JA0CIU	PY3VB	K6TAR	W4DC
W6DCK	JA4DNC	JA7JPZ	VK6LC	K8SIA	W5UHQ
W8BLA	JF1IRW	JH8NBJ	ZS1DX	KD1AB	W7PAQ
W8HMK	JH1FVE	K0CS		W2CQ	WA1NXC

XE1R	W5IP	JA0GCI	K3JM	NM1G	KU1T
193	W8UQ	JH7NTW	N5FEE	NV4A	N4ST
7L4VYK	WB4DNL	JS6SCC	NW7M	UA9AEU	N6DHZ
AE4CW	WF1H	K2AX	SM2EJE	W6TK	OZ1HPS
DH3KM	W18R	K2DC	UN7BY	180	W7HUY
I4UUL	190	N2ZZ	UT7KF	A61BK	WB6AXD
IZ5MOQ	AA4U	OZ9XU	W6BK	AA4AK	177
JA0AXV	DJ9KV	PY2RN	WB2HJV	AD0K	4X6UU
JA1QIW	EC7B	W0PE	WB3BFC	DK1NAL	IW8CGX
JA3PRM	F4DSE	WV4V	WB5STU	EA2AGV	IZ2EWR
K1JD	G3WW	YO2DFA	WX0Z	JH1IZR	JE4RAL
KM1C	HL4CCM	187	YB1RUS	K8SL	JF1LZQ
LZ2ZG	JA2ITK	4X6KJ	183	N7VPN	JG3KLF
NU4B	JA3AVO	AF6PK	IU0ICA	NA5S	K0KV
PY8WW	JH8KFE	IK8GJR	JA2KSP	VR2XYL	K2JL
SM5ELV	J12UDK	KM4NS	JA3UNA	W0MS	K2MK
SP5IXS	K5RKS	N6VNI	JE4CIL	W4DSM	K3OX
W8NN	K5TN	W2CG	K6LRN	WA6EZV	KF4VTT
WA9DU	K7UT	W5ZE	LA7EIA	179	SM5CBM
WB6CJT	K8ZT/QRP	XE1YD	NA2U	DL5MHQ	SP9IZV
192	KD0AA	186	WF8R	IK1ZNM	VK2AAH
F6FYD	N3AIU	K1BZ	YB2TS	JA1BON	W0IKD
IZ7GIT	N6MXU	K5EWS	182	JA3EEM	W0JW
K6XN	OT1A	K5QX	AE4M	JH1XFR	W1AO
KJ4UZU	SM0BYD	K6EGF	I5FLN	JK1JAS	W4KVS
KJ4YLO	VA3OKG	KC6X	I8LWL	JR3ADB	WD8KND
N4XYZ	W2OR	N5QS	JA6SQR	K4WZ	176
UR3EO	W9ROG	W8RV	J11CQA	KB7AK	DL6NW
VA2IG	WA8LRW	WA5IPS	JK1DDG	KE5TD	F4FLF
WQ5T	WB4GLI	WZ4RC	K5DCW	KJ6NZ	G4AYU
XE1EE	189	185	K7LAZ	KZ2R	JH8FIH
YB1TQL	AA4UC	JK7LXU	KG4JSZ	N3KV	JR1FHP
191	I0LYO	K0KP	KL0S	SP5ELW	KK7YC
AA4NC	IV3KCB	K3PP	KS0JD	TF3JB	KT8D
G4XEE	JA1SGU	K9AQ	LA5LT	W0UC	KW9U
HA5CW	JG1SWM	KE5BR	N4MIK	W0ZS	LA4JGA
IT9IPQ	K3HW	KQ4EE	N8NA	W1HS	N1JP
JH1FNU	K6UXO	OZ3SM	N8NB	W4CCS	VE1VOX
JK1AJX	KY5I	UN7BK	NZ5O	W4TUN	W4LEW
JP1LRT	N2MEE	VA7ZT	VU3CAU	W8QXR	W9WO
K1RI	N6NU	W0QC	W6SFK	WC0W	WA3GNW
K8QKY	RM3DA	W2WG	W7WZ	178	WD4IXD
KF2OG	RN3CT	W6RKC	181	AA8KY	175
N4DWK	SM4BZH	WV2I	EI3CTB	EA8AXT	AG5CN
N7MQ	W4AEJ	184	IZ4AIB	G4DDL	EA6UE
NK7C	W5SUM	AD6ZJ	JA1SZN	IW0BYL	IU8IYE
NO0B	W6DPD	EA5RU	KY6R	JA1ERB	IW1PUR
OV5O	YB4CHP	IK0HBN	N1HO	K1ZE	IZ0CKJ
OZ7DN	188	JA7FVA	N6VS	K3VAR	JE3PCP
VK2HV	EA7AN		N8AYY	KL7TS	K1ROA

K4WY	K5TA	NJ6W	N4PL	RA0BA	VA2LC
KD4POJ	KM4HQE	NX4TT	N8JS	RL3BZ	W1OK
KF6HI	LZ1XL	OH3PYY	N8OQ	VK3TC	W1XV
KN7D	N3AO	VE1OP	N9ATF	W2FS	W4PGM
N7NG	N5PA	VE2YG	PT2ADM	WB2WPM	W8MIL
NS3L	N7GCO	W0OGH	PY2SEX	WB9PNU	WB9B
UA1OM	SP5ES	WA4USA	WA0SXV	WC4X	XE2YWH
UA9AGX	W1ASB	YO4AUL	WA5NFC		YO3DDZ
	W2NY			164	
174	W6FL	169	166	AC4BT	162
AG4Q	YB4IR	AC0DQ	AL7R	CT3DL	4F1OZ
DL5KUA		DM3CW	DL1SVA	DL7JRD	AB1J
HB9HVG	171	JA1KXT	GM7NZI	EI6IZ	BH4IGO
JE4KCN	AA5N	JE1PHH	HL4XM	IZ0GVZ	DJ7JC
JL6USD	AD3C	K0PX	JA1PVX	K6CF	DS3EXX
JR3TOE	CT2GZE	K8ZZU	JG3KMT	K6GFJ	HS8KAY
K1XE	DL5MM	K9OT	JN4FNZ	KA1API	JR4CZM
K5CR	F9CI	KI2D	JR6GHN	KB7QFE	K0SRL
K7STO	JJ1BDX	N4MI	K0FLY	KD8MQY	KC4HN
K9HQM	JS6QOM	N5MT	K7CTV	N2XQM	N4BAF
K9UQN	K2TV	N6MB	KN4FO	N7WI	NP3CW
N7NW	K4NTO	RD3BD	KR4BD	NA2P	W4NBS
NG9J	KB0V	SV1IZY	SP7QHR	PT7DX	W8FN
TF3VS	KC5LK	WA6QGH	SV2CLJ	S50B	
W5JMW	KP4DKE	WB8EKG	VA7DX	W6SIY	161
W5WI	KW4J		W4PGC	W9CSX	HB9GWJ
WA4BIM	N8WRL	168	W8SAX		HB9MYX
WA4NUF	NA6O	A92IO	WA1ZIC	163	HL3ERJ
WB8QZM	ON6MX	AB4GE	WA5NOM	4O3A	JP7FSO
	VU2MSA	EW1P	WB3JFS	AA4OC	K2OP
173	W0MU	JA0PZJ	YO3AIS	AD5MD	K4AR
AB6CF	WA4DOU	JH1ORA	ZL3RJ	AI4QQ	KM4A
AI9U	WA5KBH	JH3EQP	ZS6IR	DS4NPL	N7QT
DM6MA		K0PC		EA1AZ	N7VZ
HB9DVZ	170	K0RAR	165	F4CPF	NA6XX
K6UNE	DL2JIM	KF0RQ	AG6HE	HA5BSW	OK2ZDL
K8JE	EA3HDZ	LU8ADX	CU3HN	IK2ULM	SM3PHM
KI6MQX	EI5KO	LX1CW	EI5JL	JA0MRW	W5BK
LA9VBA	EI6AL	OE1ALW	HK3PJ	JA4GXS	W5RDW
N7HN	JA1GVT	R4FAN	HL1VAU	K0ABC	W6DOE
N9DR	JG1GJH	SV1XV	IK0XIH	K0CF	W9GG
N9IO	JG1RYQ	VR2MY	JE4WOK	K4GN	
NC7B	JK1BIB	WA9IVH	JF1KML	K4OY	160
NX2X	JQ1PCX		JR1KBJ	KE1B	E70T
SM0EUI	JQ1YIW	167	JR6LDE	KO4PRE	EA1WH
W2PD	K6JJ	JA8BOV	K3VPZ	KW4MM	JA1ITJ
W4DTA	K7CU	JE3FOR	KG4CUY	LA1CO	JA1UOA
W7VAS	LA2GH	KA5JSM	KG5NP	N0AMI	JF3VEC
WA7BNG	LB7ZG	KB8NTY	LA2XPA	N4KM	JG2LGM
WY7FD	N3WD	KD3HN	N1QY	N7KDT	JK1EBA
	N4VN	KE3X	N2RJ	N9LEO	JK1NPH
172	N6EM	KH6XT	N3KS	R3IS	JM1JZN
EI1DG	N8VV	N1ZJ	PT2ND	SM7CZL	JR1CAD

K7LY	N4XXM	IZ0FUW	N0VVV	WC2C	148
N0IW	N6MM	JA0EBV	OH3FVP		4F3BZ
N4MEC	N8TFD	JA6SUU	SP5NON	150	A71AM
N5WA	W0JMP	K2DF	W3DIY	DK3BK	AE0MO
N8IL	W8LIG	K4EZY	W8OM	DK3FB	AI6P
NI5F	WB2RAJ	K4WM	W8VK	DL9SAD	F5NNN
W1TO	WB9ZNZ	KM2O	WB4SON	EI5GM	IW5EIJ
W9FF	WT2P	M0IFT		IT9ABN	JF2AIJ
YO8CRU		NH6L	152	IW7EDZ	JR3PKO
ZS6RJ	157	NK7Z	AC6BW	IZ2MHT	K5LY
	AB2E	NO9E	AK9B	JA7GZM	KA3GWD
159	E20YLM	NU1T	BX5AA	JR7XOD	KB8ZUN
AA3AZ	EI2JD	OE1HHB	DF2WF	K5HK	LZ1MDU
CT1ESO	GM4KHE	UT7EC	DU1KT	K8WHA	PY2CP
DD0VE	JA0NZR	W5SV	G4AFJ	K9RT	VE6TL
DK8IZ	JA1UBZ	YB1AYO	IK5BSC	KI7M	W4AFB
EA1P	JA3MHA		K2EK	KX5U	W4AG
IK0WMJ	JE3OUW	154	K4RDU	N0TK	W8VI
JA0ED	JG1XBM	AC8TO	KD2OV	N6JOJ	W9GM
JA4FKO	KN7Y	AJ8B	KE9S	NM4SH	W9MAK
JG1WNO	N4QM	DS5WQT	N8IK	ON6ZV	
JH1BHW	N6VH	JA0GZZ	N9GKE	SM0BSO	147
K0IO	N7JB	JA1IHD	ON4LG	VU2NXM	AB9KZ
K1EDG	N9AZZ	JA4HXF	R9JX	W3KB	EI7GY
K4SAF	N9MB	JA8ANQ	W6RFF	W4IDX	G3VQO
K8EB	NJ6K	JE6PJP	W7JET	W4NE	I4JEE
K9QJ	NZ3M	JH1AQN	YV4DYJ	WL7OU	IS0/YO3RA
LA8ZAA	PY1NS	JR3QHQ		ZS1C	JJ0LZQ
N1MD	W3HKK	K5DXR	151		JK1OTP
N4GBK		KC1ERO	DF1IR	149	K3GGN
N4VG	156	NE5W	DL4KUG	7N2JZT	K5UZ
NE5S	EA3HPX	W4CIR	J68HZ	DS4DRE	K8MRT
NF7D	G4FTC	W5TMC	JA2BUR	ER0FEO	KB1HY
OH3DP	GM3WIL	W8TM	JE1COB	JA0JPD	KB9LIE
VA3NXM	HB9HHH	WA9MAG	JI3BFC	K2KIB	SV8RX
W1EBM	JA1CCG	WN7J	K1IG	K2RET	VE3FAC
WD5BJT	JA2ODB		K1QN	K4TXJ	W3NRJ
XE1MW	JA9RT	153	K3GW	K9EXY	
	JH2AJY	HB9BEM	K4DET	KD4EE	146
158	JL3DGI	JA3UOQ	K7LAY	KM2E	AE5B
9J2BS	JM1LPN	JH2NWP	K9AAA	KP4DS	EA4D
G4SGX	K2HT	JR7MAZ	KE4BKL	N0STL	HP3TA
IK1UGX	KA9OKH	K0YL	KE8G	NE0U	JA3KWZ
IK3DVY	N5QZ	K3GO	KK4CLY	NU4Y	K6NR
IW0ECV	N7RD	K8ROK	N7MB	NZ0O	K8ARY
JJ1KXB	W1MR	K9MMS	NU4I	RT0F	K8POM
K4HQB		K9UWY	SM0NUE	TF3Y	KB9AIT
K8GWU	155	K9YZ	VA3EJN	UA9MC	KM8AM
KB2XJ	5P5Q	KF9LI	VA3HP	W1DAR	N6FS
KC3AK	DK3QM	KK4XL	W3HER	W4MA	N6RK
KF7NN	F6KOP	KL7NW	W5WLA	WA1EHK	N9MR*
KJ7NO	G0THF	LA2IR	W6WA	WF7T	NJ1Q
N0SL	IV3TDM	M0MCV	WA9JWL		SM3DXC

TF4M	K6LPO	WK9U	K9BO	VE3FRR	LB5GI
WA2MUA	K9BQL		KC9G	W0ANZ	N1AH
WA3SKQ	KE4FW	140	KF6A	W4GH	N6XT
WW8RT	KG6D	AD9DX	KU9S	W4PV	NC6RJ
XE2B	KJ2U	EI6JK	N0LD	W7KKC	PA0QRB
YB1BML	KJ4R	K0UBR	N3PV	W7SX	SM3WMU
ZS6UT	KN7K	K3HPA	N5RN	WX2K	W2KNG
	LB2TG	K4AU	N9BVA		W4UAT
145	N2YBB	K5GZR	OD5YA	135	XE2AD
5T5PA	N4UP	K6EV	OE6BME	AA5H	
AA5TL	N7ZA	K6GCN	PV8ABC	AB4FH	133
AC7JM	TG9AJR	K7VC	V31CQ	DL6WM	7J1ABD
AL7TC	W4JVN	K7YMG	VE3MSC	GM5YTT	DL8OH
DL1MEV	W4UFO	LA8PDA	W0UHL	HZ1GW	G4NBS
EA4S	W7VS	LZ2HM	W4DWS	JA1DCK	GM1BSG
EA7LS	WY0V	N2TC	W4EJG	JA3MIO	HB0WR
F1OBJ		N7TW	WA1LAD	JA7MWC	HK4EB
JH1CTV	142	NR0Q	WA5POK	JJ1HLL	JA5IBP
JJ1OKK	AA4DD	NS0D		JL2ULM	JM1JIV
K5FXB	JA1PUK	VE3NJC	137	K3WGR	K6ME
K9GWH	J11UHZ	W5VU	DL2RD	K4OP	KC2STA
KQ5M	K2CJ	W9BS	G3PSM	KC3RKW	KG6WIK
KS0M	K3GT	WB1ASL	HL1MKT	KC9WPS	KI4TZ
N6KK	K9UO	WW6G	JH1SBE	NX8Y	KR4DA
NS4X	KA6BIM	YB3MM	K2CDJ	S53MJ	LA9KY
W3DQS	KV7N		K2RKJ	W5IO	N1BKB
W7NP	LA1J	139	K6IRA	W7QHE	NT9F
WR7Q	W8WV	F5VML	KP4N	WA7HR	OH4KRN
		F6FHZ	N9NFT	WB1DX	OH7HM
144	141	HB9ARK	NI4Y	WB3AVD	VU2ABS
AD0TR	7K3QPL	HB9DTE	OE3JAG	WB6FWS	W1GY
DL6DCD	9H1AE	HL4CBX	PY3OG	WB9IWN	W3MF
GM0VIT	EA1T	K0QB	SM5CSS	WO5I	W6OUL
K1TKL	EI3ISB	K2WJ	SP3EPG		W9SE
K7QBO	HB9EXQ	K9TRV	TA1AL	134	WA6MRK
K8OS	IZ3XEF	KX4I	W2GGY	AB0RX	WB1S
N5UE	K2JK	N0CKC	W4UEF	DL4ZAB	YO3GJC
RN0C	K4RM	N2SG	W9MR	EA6AZ	
TF5B	K5VG	N7UJJ	WA0WOF	IZ8DEO	132
UY2UZ	K8RCT	PY2OP	WA5YOM	JA5SEY	AA4FU
W0AIH*	K9AAN	R9MJ	WG0G	JA6GXP	AK3E
WB9W	KA5SYP	TA1PB	WS1F	JR0GXA	AK6I
WX3P	KA5VFU	ZL3TE	YB2IQ	JR1HYA	I8NLC
	KE7BMG			K3KY	IK8OZV
143	KO4DKI	138	136	K7FL	IZ0COI
AA4MM	N5JED	AC5AA	AC9GK	K7RAN	JA9KRO
AF3X	NZ6N	DL5KUT	DM5JBN	K7YZO	K4BNF
EI7JZ	SV2JU	DL5ZB	G0OSK	K9JDP	K5SES
FM5DN	W1ITU	G0FWX	IS0EBO	K9SUH	KD3UY
HB9AAA	W1NA	JA0CVC	KB8KIM	KA9JCP	KG8OU
JA1MOD	W3IZ	JA1VRY	NT5EE	KD2SC	KI7HO
JF2RSF	W5GOL	K2YSY	ON5GF	KF5WCP	KK5ID
K2OO	W6HDG	K6CW	ON5RKN	KN4OK	M3DFW

N3TR	129	127	KM4CQG	K7HC	122
N4EDT	AD6KQ	7Z1HL	KS4WA	KB8DID	AA0BH
N4QOG	AE7U	AG4TO	N1GNB	KC2NJ	AA5B
NN3V	DS4EJA	DJ5DT	N5HC	KC4AA	AB5YI
ON6YH	JA0AVS	DL9GTB	N8YQX	KD9ZR	DB4RG
SM7DXQ	JA1PLT	EA4TX	N9XG	KE8NOA	G0HSA
UW7UA	JA2ACI	G8BCG	VE3TMG	KK4TKJ	HC1HN
VU3WEW	JA3WMS	HB9TJG	VK2DAG	KV8P	IU4BJC
W3KHZ	JH1RFM	HK6K	VR2VGM	N0YO	JA9ALR
W4MC	JN1SUT	I2YPY	W7FI	N4LSJ	K0HQW
W5FL	K7ORK	JA0BES	W9COS	N5VBK	K1AJ
WA1HXX	KB4KBS	JE2VYM	XE3E	NT4K	K3DQB
WA1KXV	KN4WOJ	JG1LRE		W0DD	K4VAC
ZS1EL	N9AVC	JG5DHX	125	W6ELI	K9KJ
	SM2YIP	JH1HRJ	AC4XO	W6ND	KB4ET
131	VK5CE	J11MNT	AF8C	W8PAT	KN9N
JF2OHQ	W4BH	JR1LZK	EI8GS	WW5L	N1ZZ
JH1IY	W7TG	K2GW	G4EHT	ZL3REX	N4GRC
JK8VMB	WU7X	K7LFY	IK8PGE		N9ATD
JM1CMA	XE1ILI	KF3N	IZ8EYN	123	UT9LC
K0ARM		KS8W	JP1GVC	AB4BJ	W1ES
K7GA	128	LA2LI	K0MD	AB9BH	W1HEO
KA5IAU	A71XX	N0AB	K5NOF	AE5FM	W1KKG
KB3IFH	EA1AHA	N0DL	K9ARZ	AI5EG	W5HNK
KD2NF	EA3NG	N1BZ	KK5J	DJ6OZ	W6HB
N0AKC	EI3IO	N3GTG	KK7BR	DS4DBF	WF5I
NG4DX	F4GTB	NA1RL	NA7RH	G6NHU	XE2MX
NN6K	HL2DBP	ON5EQ	NN6CH	IK0XKP	
VE3NKS	JA6NQT	VE3EDY	SM5AFU	IZ8LMA	121
W5EC	JH1AWJ	VU2TMP	TF3MH	JA1GLE	5H8HZ
	JH4GXE	W0MF	W0XE	JA2HOL	AK0A
130	K6OJ	W3KN	W3ATV	JH1RVQ	DL7UGO
AA4QE	K7PTC	WA2BOT	W4AO	JL3RNZ	DS4OMS
DL1SWN	K9YKL	WB2KSP	W5CWQ	K2JGL	HA2EQD
JA2LMY	KC2WUF	WB9TFH	W6PG	KC2THY	IK6BMU
JH3PRR	KD5R	WC2L	WA4TMJ	KD0KZE	JA1CPN
JL4BSE	KG2U		WM4AA	KG4OJT	JA1EYN
K2MHE	N0JR	126	WR2G	LA2XNA	JA1WTO
KI0HA	N5EI	CU7AJ		LX2SM	JE2DOD
KN4JX	R3BB	DS3EXT	124	N1GFV	J15WDC
N2YF	UR9IDX	EI4HH	7L3SQL	N6DVR	K1LTJ
N5JEY	W0QD	IK4TVP	DJ3EJ	N9RE	K3CWF
N7TM	W5MF	IU8GNY	EC4KW	OH3TY	K9MQ
NS4F	W6IS	JA5CDL	EI8IQ	PY2ADR	KK4ODQ
OZ6TL	W8BI	JA5XPD	G4RGK	SV7CUD	KU2A
PU4MMZ	W9EBO	K2GLS	IT9YOZ	VE3VHH	N3ER
W1MO	W9TO	K5KDX	IZ0FYW	W2ARP	N5ZY
W2FDM	WA4UWD	K5WRE	IZ1UKF	W2WGK	NA2R
W9CTJ	WC4V	K7PO	IZ5BYJ	W4UT	NA4MM
WB8RFB	WP4CQ	K8GT	JA3AOP	WB8TGY	NY4G
YO8PS	WQ1H	K9QA	J11DMH	YB9WZJ	OZ6EI
	ZS6AKU	KC5RR	K3SUI	ZS6NK	PP2FN
		KK4CB	K6VVK		TA1L

UA0FDX	119	JA8WGX	115	ZS4JAN	JF3AHI
UR5FLN	DL2VWR	JA9KA	AA9WO		JH0LME
W3/NH7C	F5BAR	JM3GXU	AF7WM	113	K0XM
W3JXP	HL2MHU	K0FF	E74A	AB1NS	K4HEB
W4CC	JA6JYM	K4AEH	HL4RBR	DL2DCX	K4ZMV
W4KCM	K7LOL	K9LCR	IW2FLB	EA5DPL	K4ZRJ
W7PC	LU9DO	KA4AHU	JA0NPQ	EI2FG	K8CJY
W9MB	N6DW	KB2S	JH8LEY	F5EOT	K9KDS
WA7HQD	N8LCU	KB5CSQ	JJ2VLY	F8GB	KH6P
WB7BBQ	ON8PHD	KO4PY	K8CR	G0UII	N0OK
WQ8T	SV1BYI	KP4ED	KB4CRT	G4NAQ	N8AID
WT3Q	SV2KF	KZ1X	KB7V	G4YCS	NQ4A
WU9D	VK7AP	N8AGU	KG4URP	HB9GZE	NZ7Q
	W1ZK	VE7NY	MM1PTT	JA2CPD	S51DV
120	W3MRL	W3LWH	N7PIB	JA4CSJ	SP2LLP
AA2T	W6ZPL	W4ARK	NE1RD	JF1AZQ	W1USN
AC4TO	W8EOG	W4PG	NG0G	JG0HEW	W3WN
AE5LK	ZL2AO	WB9WHQ	NW6V	JH1GNU	W4LLP
AI2S		YO6HOY	OE5MPL	K1JKR	W5GCX
CT7ABD	118		SP5BMU	K2KNB	WD8LTM
CU2CE	6K5AQY	116	W3UNX	K4JDJ	WF4W
DS3DNT	AE1T	6K2ILX	W4OV	K4JLD	WJ1B
DS5QLJ	AJ6X	AA0FT	W5WS	K4TR	WN1M
F5AQB	DJ9KM	EA5GXI	WB4MM	K7BWC	ZL3PAH
IK8IPL	IZ0RPS	EI4BZ	WJ5K	K7MO	
IT9JPS	IZ1JIZ	G8GHD	WS4H	K9DUR	111
JA1DCO	JA6CMQ	IZ2CSX		KA5OWI	AD7XG
JH5OTE	K9KJS	JA2KPW	114	KB1OIQ	AJ6V
JJ1XVA	KA9JAC	JT1CO	G3CWW	KB2TGU	AK4N
K3QB	KB3KJ	JT1DN	HC1HC	KC0V	EI9CN
K5TU	KD9BIE	K1EO	I0BJV	LU3JVO	F8DZY
K9CHP	KG5VK	K4GHS	JA1CCH	M0NGN	G4ZWY
KJ6Y	KM6WXB	K4LCP	JA1CPU	S52R	HB9ECS
KM5VI	KX6C	K8JRK	JA8EIA	SV2DSJ	JA4DLF
LU3XX	KY6AA	K8MN	JG4OOU	VA3AYA	JA5EEU
N0TR	LZ1XZ	KC1RET	JM3XZC	VK7ZE	JE1TNL
N1TQP	N3HYB	KD5RBU	JR4DHK	W1FC	K2KYH
N2SO	N8KUS	KQ5S	K1RE	W3JM	K5NV*
N3DV	NA9L	N0ATQ	K2IRM	W6BBS	K8ZEE
N3GS	VR2CC	N0UCR	K3PL	W7CD	K9JIG
N4UFP	W4VG	N2ZL	KB1W	WB2UFF	KI2Y
NJ8G	WA7ZXD	N4KEB	KI8AE	WB9YJE	N4NYY
NR2D	WA8RCK	OE6CLD	N3DD		NT5O
VE3QAA	WB5TOI	RW6MBC	NA1DX	112	PT7CB
VR2ZXP	ZS2I	SM1NJC	NG8T	3C3CA	TA1UT
VU3RGB		VR2IL	NK5K	7Z1CQ	TA2RC
W1RG	117	VY2RU	W0QKL	DL5FAC	TA7AZC
W5RYA	AD7L	W0LGQ	W2ZK	G0DTX	VA6SZ
W6GJB	CE3FZ	W1HQ	W8LR	G3YFE	W7WT
WT5L	F8EZE	W7WES	WD0AJG	GM0SCA	W8PE
YB0AZ	HB9MZI	W9LU	WN0L	IK4EWN	WB8PKK
	IS0BZR	WA4VJK	WT9U	IS0BQE	WU4B
	IZ7QFN	WW5RC	YB2BNN	JA4RED	XE1ZTW

110	K4AEN	N2IFA	WB2BXO	WA8Y	DD8BA
AC0B	K6JAD	N3TTT	WB2MKX	WV4E	EA4EJP
AG5Z	KB3Z	N5FPW	WM4W	ZL3RIK	EI3HA
CT7ANG	KB7DT	N5TW	WS7I		EI4GNB
DK4MX	M0AQM	N7TP	WU1U	105	F6ARS
EA1BLA	N4LS	TF1A	ZP6CW	AA2F	G0DRM
EI9HX	N4WD	VE7VV		AI1W	GW0ANA
G4VWI	N6RVI	W4DVG	106	AP2IA	HA5DI
G6MXL	NN8L	W6CN	AB6WQ	DL9GTK	HB9BMY
HB9BEP	NW6R	W7SMW	AC7DX	E29TGW	JA1CC
HG6IA	NX1P	WB5ZAM	AC8IL	EI6GF	JA1DHY
IZ1EPM	PF7M	WC4B	DS2GOO	FM5FJ	JA1RBY
JF3KOA	PV8DX		DS5MNO	G3LOJ	JH1MYJ
JH1FRW	SP7ASZ	107	EA3AGY	GM1TBW	JI4HKA
JR2PAU	T88UW	AB7RW	EW4DX	HL4GHT	JQ2MPJ
K3MSB	VU3WUA	BG8PA	F5VIF	JA1JYS	K0BRO
K4KAL	W3GP	DJ5FZ	F6JSZ	JE6UWU	K1TWF
K4RP	W4JDS	DK2GP	G0OJG	JJ2BLV	K2CQW
K6DJ	W5SG	E73D	G0RPM	JK1AIA	K4WW
K6SLO	W7CB	EA2BFM	G3LPS	JK1AKA	K5JUC
K9TVG	W7VP	EI5GSB	G4FVZ	K0MB	K7UW
KF8PD	WA6URY	IC8XIL	HI7SB	K1ETA	K8WVA
KN6HIP		IW1PVT	IZ4IRO	K5WE	KE4YOG
KV3W	108	JA3MAT	JA3FRI	K7CMZ	KE9V
N1TQ	7M4CLF	JE1CTA	JF7NNI	K8FB	N1FOJ
N3YZ	AC8MR	K0FJ	JJ1IRS	KJ8N	N3PW
PV8AJ	AC9DX	K2FJ	K6VWE	KK4MA	N4PAJ
TF8GX	DB9CR	K2ZD	KA1CTL	KZ4EX	N4ZR
W1ZZ	DL1TPY	K4LQ	KA9TOX	LA9JKA	N8TEM
W5JE	DL2AMD	K6DLB	KD2RUY	LZ1JZ	N8WXQ
W6TCP	DL2NAI	K7UWR	KI4NSP	N2YU	NA8W
W7YED	DM5TI	KA4LBD	KM8V	N9APK	OM6CI
W8TE	DU1IVT	KB0EL	KT5V	N9IXD	OZ9U
W9GFB	E70X	KF2G	M0PCB	NC1M	PY2YW
W9JJ	EA5XV	KF6XA	N4DJT	NK7L	R6TY
YB1SKR	G5CL	KI0KN	N6UOZ	OH6IH	RV4LC
YO5QAW	IK1RKN	KJ4FZ	N7MW	PV8RR	VE3ZN
ZS5LEE	JA2DCN	KR4U	N8OYY	VU2DED	VK3MB
	JA2KGQ	LU5OM	N9ZJ	W1MRH	W0VU
109	JH1OVY	N0MHL	NG4C	W1PY	W5PD
AA4RX	JR4NUN	N1UZ	NI7F	WB8LEM	W9GXR
AC8AZ	K1FUG	NC7M	NS7K	WD4OHD	WB4HMA
AF3K	K3XO	NI8Z	PT2DF	WK3A	WB7QXU
DL9QJ	K8LBT	OV2B	PY2OC	WZ9B	WF8Z
F5DBT	KC8YG	PP5VA	UA0ABB	YU1LD	WX0B
F8DHE	KE3ZT	RM6LW	VE3BHZ	YV4EH	YB1BUL
G0MMI	KE7AUB	SV3EXP	VE3XK		YO6HSU
JA1QEY	KI4SFT	TA1CQ	VU2MB	104	ZS6HON
JA5GOJ	KJ2AM	UX5XK	W0TLX	7N4OBV	
JA9IWR	KJ4SKO	V31MD	W4/KL7GLL	AA2WC	103
JH4GNE	KO4XI	VA2GA	W6KF	AA6XV	AF8P
J11ZS	KW1X	W5HY	W7GB	AB5GU	DS5JMG
K0FD	LU2AH	W8JA	WA3IIA	CT3DZ	EA2RY

EI9GLB	K6JAV	JK3NSD	A71EM	K5PSN	VU2OY
FM4LV	KA8HDE	K0GEO	AA7UN	K5VSD	W0RMS
HB0RER	KB1AWM	K3AXB	AC0DH	K5YE	W1MJC
JA7HYE	KO3F	K3LA	AD4J	K7VL	W2MW
JF1KIG	N2CJN	K5HX	AE0SQ	K9EA	W4CG
J11FXS	N2FY	K8PGJ	AE4VJ	KA2F	W4DFU
JP1KHY	N4IR	K9GL	AF9W	KA4H	W4YR
K0OOK	N8KOJ	KB5YN	AK1P	KB4DSL	W5YKU
K1FBI	NA4D	KC3OPI	AK4AO	KB6IGK	W6OZI
K2RNY	NN5O	KC4ZA	DB6VH	KC5N	W9KM
K3PIN	R9GM	KE9UA	DC1TK	KD1DT	W9ZT
K3TXW	S51MA	KG5POL	DK1MCS	KE1IU	WA2ALY
K4NI	SM0XG	KJ5RC	DK7GH	KF5MDZ	WA2VJL
K4PWS	US8ZAL	KU4A	DL3ANK	KF5TL	WA3UTC
K4SAW	VK2GR	LA3ANA	DL5JH	KF9EX	WA3YZD
K6XJ	W1GF	M0PTZ	DS4GQR	KG4IYS	WA6VZN
K7HV	W4GHW	M5LRO	EA5PS	KI0G	WB0RXQ
K9WMS	W7FS	N3CAL	EI2HZB	KI3O	WB2AA
KA7CVJ	W7HJ	N4PF	EI4DQ	KI4PG	WB2ZEX
KP4DDY	W7IMU	N8ERL	EI4GJB	KK6MF	WB6RAB
KQ6K	W9GWP	NC8I	EW4A	KL2R	WB6RJH
M0UPL	WB4PWZ	NJ2X	F5JWH	KL7XO	WD1M
N1MIE	WB7QBS	NZ1I	G0GFC	KR4Q	WD4GZW
N8URE	WD6T	OZ5JQ	G8GFF	LA4EI	WI0E
NB3R	WD9IOK	PA3AIN	GW0KRL	M1EMC	WK7W
NI5G	WN9A	R2ARR	HB9HFM	N0JX	WM4D
RX3BP	XE1SAX	RZ6MJ	IK7NXU	N0KM	WM9Q
VE7XT	YB0EIN	SV2BXA	JA7PKV	N0VTZ	WU1T
W0PPA	YB9AY	SV4FFL	JE7KCI	N1KI	YB6LAY
W2SUB	YO6BHN	TG9AKH	JG3LDD	N3NVA	YE1AR
W4CU	ZS2ACP	UA4PK	JG5VFK	N4GOA	ZS1IS
W7KHZ		VK4BUI	J11LLD	N5CR	ZS6CR
W7UV	101	VU2OT	JN1RFY	N5LJL	
W8EH	AA9D	W0ZX	JR4VEV	N5LKE	
WA8KNE	AB2NI	W2FDJ	K0FTC	N7WFK	
WC9C	AB4EJ	W2GHD	K0JDD	N7WR	
YB1ALL	AB8YZ	W2GM	K1HC	N8HM	
ZL1IM	C31MF	W3RMS	K1JX	N8XS	
	DD9WG	W3SW	K1PTF	N9MKC	
102	DL3XAC	W4PM	K1XO	ND0B	
4X1VF	EA4OR	W6OU	K2UF	NE3K	
5W1SA	EA4UV	WB5KSD	K2UT	NX6D	
AC0XY	EA8TZ	WM5H	K3NO	OM2AGN	
DB2WD	G3VDB	WU6K	K3RRR	OR4K	
DL4FDM	G4GEE	WX7B	K3WSU	OZ1GCT	
IC8SQS	G4PUQ	XE1AO	K4GM	OZ9GA	
IZ7QSS	G8GNI	YB8HZ	K4KYN	PY5VC	
JH1IHG	HB9PUE	YO2OXD	K4KZM	R2AB	
K1MDA	IK2HLM		K4QS	UR8IDX	
K2DH	IU2LFP	100	K4RSA	VA2EU	
K2DW	JA1KZP	2E0XAR	K5KEW	VE1JF	
K4HR	JA5ALE	9M8DEN	K5LLA	VE3KKB	
K6BLG	JA5JUG	A41ZZ	K5MMH	VR2PX	