

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 24 Aug 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC SP5EWY	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 I4AVG JA1HGY JA2KVD JA6BZI K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX UT5UGR W0DJC W9RPM	W4DKS W5BPT W5ZN 331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5EG PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ 330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JI4POR K3WC
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 JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF	
346 N1DG SM3EVR W9ZR		336 G0JHC JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV			
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE				
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX				

K4CN	DK5WL	ON4IQ	EA2IA	320	SP1MGM
K4ZYU	DL2OE	R5AJ	F5PAC	AA8CH	VE3LYC
K9CT	EA1YO	SM4EMO	IK4GME	CT4NH	
N4JF	EA5BM	SM6CCO	IK8YTA	DM5EE	317
N8JV	I4EWH	SM6CMU	JA4FKX	G0BLB	AB9V
N9IW	JE2LUN	SP1S	JJ2LPV	I2EOW	DJ5FI
NR1R	JH0INP	SV8CS	K2UO	JA3PIS	DK2NG
OK1MP*	JH1TWT	W1RM	K6FG	JO7WXN	DL5WW
RA3CQ	JJ8DGO	W3LL	K7NN	K1LD	HB9HFN
SP7GAQ	K0DEQ	W6RLL	KA9CFD	K4EM	JA2IVK
W3NO	KW9A	W9OP	KU0A	N4II	K2RW
W4UM	N2BJ		N4DW	UY5ZZ	K6YUI
YU1FW	N6JV	324	N4NX	VE3EXY	K9MM
	PY2YP	DK9KX	OE1WEU	W3KX	KE9L
329	RZ3AM	DL5DSM	OH1LEU	W5WT	NE1B
GM3POI	SM2GCQ	FK8CP	ON4CD	W6XA	UX1UA
IT9DAA	SM5CZQ	G0DQS	PA3EWP	YV1DIG	W6VX
IV3JVJ	SP6M	G4CCZ	R7DX		WD0DAN
JA2JW	SV1RK	I0WDX	SM5KNV	319	WX4G
JA7KY	YO9HP	IK5PWQ	UA4CC	DJ4AX	
JA7MSQ		JA2BDR	VE1DX	DK1FW	316
JH1GZE	326	JA2DPC	W5CIA	EA8AKN	DF2UU
K0EU	EA5BY	JJ3PRT	W5TCX	HB0CC	G0OIL
K1HTV	JA9APS	JR2LJO	W8A	IK4DRR	IK2QPR
N5AW	JE1SYN	JR3OEH		JA9TWN	IW1ARB
NI0G	JF1WPB	K5KC	321	JJ1DHY	JA5XAE
NO8D	JF3KON	K9YY	AA4V	JR7VHZ	JA8EAT
OZ1CTK	K5EK	N1NK	AD1C	K5MC	K1BD
R4GM	K8PT	N8BM*	G3TXF	K6AM	K3WA
SP6CIK	LU2NI	OE8HIK	HB9BIN	N4DB	K4HB
SP8NR	N3NT	R3OK	IK2YCW	N4QS	K8YTO
W5XX	N7RT	VE2TZT	JA0GJJ	ON4AOI	KG8P
WA1JMP	NK1K	W8OI	JA1XEC	UA3AP	KQ8M
	OZ1AXG	W9OL	JA3AZD	YO3APJ	N5DG
328	SP5DIR	WB4TDH	JH1IFS		RV3LO
AA5AU	W8DCH		JH3CUL	318	SP1JRF
DL7MAE	WP4U	323	JH3VNC	A45XR	UA3DPM
IZ5EKV		EA3GP	JH4ADV	AA4HP	W1GL
JA1SJV	325	GM0GAV	K2VV	DL6KR	W7MO
JH2FXK	EU7A	JF1KKV	KV7K	G4PWA	W9ILY
JJ2KXK	HB9DHK	JL1RUC	KX4R	JA1ANR	WA2VYA
K4QL	I5NPH	KF0QR	LA7HJA	JA2JNA	YB5QZ
RU3FM	IZ0AEG	N5TY*	N4PQX	JA4EPE	YO7LCB
SL0ZG	JA2FJP	N8RR	N5XZ	JH4JNG	YS1RR
SP9DWT	JA5WIZ	NY0V	OE6MDF	K2TE	YU3AA
W1ECT	JF1PUW	OH2BLD	OE8RT	K4IQJ	
W2IRT	JF7XKY	SM6DHF	SM6DHU	K5BG	315
W5FKX	JH8RZJ	UA3AB	SP7VC	K5DU	9H1SP
	JR3GWZ	UT9FJ	SV1FJA	LA2PA	AA5AT
327	JS2LHI	W7AO	UT7UJ	PY5EW	AB3CV
AB4IQ	K9EU		W4FC	R3VA	AB6QM
CT1APE	K9IR	322	W8GC	RA7A	G3VKW
CT1IUA	OE2LCM	CT1BH		RW3RN	HK3W

IZ1LBG	JF2UPM	K0KX	R7NW	305	WT8C
JA8RJE	JG3LGD	K5XI	SP9JZU	DJ4XA	
JA9CWJ	JH1NYM	K6RO	UR5EDX	JA1IOA	302
JN3SAC	JR1BAS	K8AC	VA5DX	JA1WSK	DJ5JH
JR2BJE	JR1BLX	K8FL	VU2NKS	JA7BWT	F5CQ
K8NVR	JS3CTQ	KC7V	W1YM	JE6TSP	G3SVD
N5OK	K4SO	LA9AJA	W2QO	JH7RXU	HL2IFR
OE3EVA	K6KLY	NS6C	W5ADD	K0JUH	JE8CLT
ON4IZ	K9US	RA0FF	W6ENZ	K3XA	K4MS
PY2NQ	LA7JO	RL9F	W9MU	K9NW	PY7DJ
SM3VAC	LB8DC	SM2OAN	WA8WV	KG4W	R5DT
SV2DGH	N2NL	SP6HEQ		N9AU*	RK4FD
WA7NB	N4TL	W0YG	307	PA5TT	W0VX
	N8KOL	W4BP	A65BR	RA9CMO	W4QN
314	SP3CGK	WB0TEV	DK2JX	SM3NXS	W5VY
AC4G	W9RN	ZS1LS	F2JD	UT2UB	WD4LBR
CT1DKS	ZS6EZ		HB9TKS	YB1UUN	
DL6CNG		309	I5HOR		301
EA1N	312	JA1EOD	JA2XW	304	AE5E
EA6VQ	AA5AM	JA1VSL	JA3GN	DJ9ON	AJ6T
G3NDC	F3SG	K1AR	JA6WJL	DK5AD	CU2AP
HA1RB	JA1SYY	K2UU	JJ3HGJ	HB9CEX	HB9BOI
IZ8FFA	JA1XCZ	K8QM	K2SHZ	JA2NDQ	HP2AT
JA2AH	JH1AGU	K9ZO	K9RX	JA9FAI	JA0DIN
JA2ZL	JH1QAX	NN4SS	LU8EKC	JE1DXC	JA1LSP
JR4OZR	JR6FC	NU8Z	NI6T	K8GI	JA1SVP
JR9LKE	K1HT	R9TO	W7DO	N7US	JE1LFX
K2LS	K3RA	RU3DX	W7OM	N9RS	JG8FWH
K5AQ	N1IBM	RX3AGD	W9JA	UY5AA	JK1GOK
KB0EO	N5ORT	UA4LY	WA5VGI		K4SE
LA7AFA	RU3QR	W2JU		303	LA5LJA
MD0CCE	SV1CNS		306	E72U	MM0EAX
NN4R	W7CT	308	9K2OD	EA3GHZ	RN3QN
OE1AZS	W8HW	DL2CHN	DL1KUR	G3LZQ	WB5JID
OE1ZL		F4BKV	DL5EBE	HB9DDO	
SM4DDE	311	HK4SAN	HB9DDZ	HL3IUA	300
SV1DPI	CT1FMX	IU7QBB	I1EIS	HL4CJG	AC0A
SV1JG	IK0PEA	JA1IZZ	IK4PLW	IK2RPE	DL1TRK
UA6MF	JA2XYO	JA2WYN	JA2VQF	IK4ADE	DL4CF
UX0FF	JA4MRL	JA7IC	JE2LPC	JK1EXO	EA1AF
WB8BPU	KM4H	JA9GPG	JR2UBS	K7WP	EI2GLB
	OE3SGU	JE2EHP	K5WAF	K7ZA	IZ5RVG
313	OZ4O	JG4AKL	KD3CQ	KB1JZU	JA9AA
5B4MF	PY2XU	JH1SJN	OE5RLM	LA3WAA	K8GG
CT1GFK	UR0MC	K0GY	R8TX	RL3FA	K8TL
I3BUI	WB9CIF	K0KVR	R9FM	RW4NN	K8VfV
IZ2AMW	WD9DZV	K8OM	UN7JX	SM6CUK	PA3CSR
IZ8FWN		K9MK	US5WE	SP2BMX	VU2PTT
JA1GRM	310	KI0KB	W5AJ	SP3IBS	W3OA
JA5IU	HB9SLO	KN5O	W5XC	SP7HOV	W3RJW
JA6VQA	JA0CRI	KS1J	WE9R	SP7ITB	W6TC
JA7JWF	JF8QNF	N8TR	ZL3JT	SV2AEL	W9AJ
JA7QVI	JG3FEA	NQ1K		W1SKU	

299	GM0AXY	K7ZV	IT9CVO	JA2JRG	W3GQ
4X6ZK	IV3YYK	KD0Q	JH1BAM	K1DG	W6PJ
DM2DXA	JA1JAT	KZ4V	JJ1TKN	LZ2JE	W8AXI
EW2A	K3PA	N0KV	K4ZO	N4LR	W9MJ
HB9CQK	K6FW	OE5BWN	KP2A	N5LZ	
HB9RG	K8VC	RU6L	LA5HE	N6UK	285
IK5RUN	LA8PT	SV3DCX	N2TN	ON6AA	CU2DX
IZ4MJP	N0RB	W3JX	N7RO	UA3AGW	DL2SWN
JA7LGE	RA3QK	YO2CMI	PY2KP	W1YIF	EA3GHQ
K6SIK	SM6BZV		VE3CFK	W2LE	EA5KA
K9SM	SV9COL	293	W7BEM	W2NO	HL2WA
KB8VAO	UA6YW	DL1HRN	W8TN	W3FOX	IK8VRH
N9FN	W2GG	DL1SMA	W9FR	ZS1A	IZ8DFO
UA9FAR	YO2RR	EA3WD	ZL4TT	ZS2EZ	JA0PE
UN6T		G4GIR	ZS2DL		JA2IYJ
VE3BW	295	IK0HFO		287	JA2VMU
WA3AFS	DL1DUO	IW1QN	290	9M6YBG	K1USA
WA9PIE	EC3A	JA2CXF	AA4A	AA8LL	K6GXO
XE2CQ	IW0SAF	JA3EOP	DS1JFY	AA8R	K6PJ
	JA1BPA	JH0BQX	I4KDJ	IV3GOW	LA8HGA
298	JE2DZC	JK1TCV	JA1KQX	JA2ATE	N8LJ
5B4AHJ	JH4ALY	K4JAF	JA1QXC	JA9NLE	OE1WHC
CT1FCX	JM1FHL	N2LM	JH3GCN	JE2OVG	PE1L
DL7BA	JN1RQV	N4RWG	KD0PO	K0AZ	WK7E
G5LP	K0BBC	N7IR	LA2QM	K5RT	
IW0HQE	K0TPP	PY2IQ	LU3CQ	LA3MHA	284
JA4ITW	K1GG	S55DX	PP1CZ	N3VA	DL6JZ
JA5BEN	K4XD	W7ZJ	SK3PY	N8PW	EI9FBB
JL2JVX	K5VIP	WA4FFW	SV3AQR	R9SA	GM3YOR
JR7WFC	K5ZK		UN7LZ	SM5ARL	IZ3ENH
K2PK	N7TY	292	UN7TW	W1VT	JA0DET
K8EUR	NA5C	DL5CW	W1EQ	W4YCH	JA8CJY
ND0N	RM0F	E72A	W2LK	W8AV	JG3SKK
PY2VA	SM5FUG	EA5AT	WB9EEE	WA6F	JH3SIF
ZL1BYZ	SP8HKT	G8DX			JN1BMX
	SV1GYG	HB9BAT	289	286	OE2GEN
297	W5LT	IZ0RVI	DL9TJ	AB5A	OH4UI
E73Y	W6XK	IZ3ETU	JA8EJO	CT3HF	SM0CCM
JA3RQ	W7AL	IZ8VYU	JA9FPI	DL2VPO	SM6CTQ
JE7JDL		JA3ENN	JA9IFF	HL3GOB	W1OPD
JG0CQK	294	K5DHY	JG1WSC	IK0AGU	W2AY
K6ND	AI9L	K7ZD	JH4GJR	IK0XBX	W4FQT
K8WK	AJ9C	LU4FPZ	K3UL	IZ8XQC	W5ODD
KG7H	EA6NB	N8II	KK0M	JA2FGL	W8BBQ
KT1J	HA5VZ	R6AF	R0FA	JE3ENP	
W6YI	HA9PP	SP5IWA	RA1QD	JF2WGN	283
	JA1FQI	W4VIC	S57AT	JH1BNC	DF2GH
296	JA1XPQ	W6SR	VE3EK	K1LPS	JA1RTX
AA4R	JA5SUD		W9YSX	K1RO	JL1XMN
AA8OY	JE1GWO	291		K5PS	K3WW
AD6W	JJ1DWT	4Z4DX	288	N8SNM	KJ6P
CT1DOF	JR1DUP	EA6ET	CT3MD	UR5WA	N6TA
EV1R	K3FRK	G0EHO	HB9RYZ	VE1JBC	OE8SPW

W1LW W6BJH	279 JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV OH1JP OH1ZK SM0NJO VE3DZ W4UCK WB2BIN WO7R	276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1YRC W1ZT W2OIB W5GO	CT1BWU DH2PC JA1KPH JA2TBS JA6BEE JM2RUV K4RG LB2TB N4IG NA5DX OZ1ACB OZ4VW RW7M W4HG W8QZA/QRP WA0MHJ	LA9GX N4UOZ NN4X UA3TT W1MK XE1MEX	W9OO WA1YTW
282 K1DT K5UO K8ROX PC3T RD3AW SM4CTI UA0BA W4OX W9HBH WN6W XE1KK	278 9A4T CT1FPQ EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM4AZQ VE3CRG W4MAY W8MHW WF2S	275 AB4SF JE1BMJ JG1OGM JI3CJP N2JJ N7KA ON5UE PA7RA WA0RVK	272 AF9H DS5ACV I5OYY IK5PWN JF1LMB JH1OBS K1UU K6IPM K7EG K8BL K9MBQ KA1ERL KB1EFS KI4GE N2DPF N4JQQ N6PSE NV9L OE5FIN PA0ZH SV1ACK W2OO W3ACO W3AP WA1S WL7E	270 7K1PTT AA4FL BA4MY DK8MCT EA1KY F9XL K0BJ K7UA K9JF KI5BLU N4QQ OE3HWC PU2POP VE6LB	267 DL4DW IV3VBM JA2QXP JA7BEW JA8UIV K5VWW K7XB SM5BMB W6RS
281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8HC W8KEN WT4Q	277 EU1KY F5PBM F5UJK IZ4DPV JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM W1KSZ W2PP W3BW W8RLS WA3C	274 EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ W7MEM	271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU	269 HB9IQB IK7FPV IK8EPC JA1OVF JA1VLK JA4VLK JA6GPR JH3FHQ JP1NWZ K0KT K6EME N6RV NW7E OM4EX SM5FWW YB1AR	266 EI8IU IK0UTM IW7DVM JA3BXF K8AJS NU1B PZ5RA RA4CA SV1HEP VE3YF W0FLS W7YAQ W8MET WB2GAI WB3LHD
280 CT1EAV GM3PPE JA3XNH JA6TMU JF1NZW JH1HHC JN7DOS JR6LLN JR7FRW K0TT K4WNW PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX				268 HB9BUN JA1IAZ JA1NWD JH4HMG K2KA K6BV KD4W N2AJ N5JB SM6BGG W2FV	265 4F2KWT G3WPH JA1VRU JA4FM JH1ACA JR1WCT K2CBI K2SN N5KM N9JV SP6JIU VE3SKX W5DM
		273 7M4AOE			264 4Z1UF EA1KP F6DBX HB9DHG IK4AUY IZ0NRG

JA7HRM	WB8ART	NI3P	WB7B	F1ICS	JR0EQQ
JR4LNG	WQ6Q	PY5CC	WV9L	G3KWK	JR5JAC
K0DD	YB2DX	W1KDA		G3NKC	K9YC
K1CA		W7AH	255	JA1BNW	K9ZM
K8RRT	261		AI6Z	JA4HAW	KQ3F
N1EN	7K1CPT	258	EA5RD	JE1HRC	OH2IS
N1GC	DK3PZ	CU3EQ	F6ECI	JF3PNQ	PA0JSE
PA7TWO	G3UAS	DK7YY	HC1BI	JF6XQJ	PY2FN
SV1CQN	IZ8IEV	HL3AMO	HI8R	JH4CBM	W7HPW
VE6AX	JA3FHL	JA9AGN	HL3DE	JL1BYZ	W7IU
W5PF	K2FW	JR3UIC	IV3TMM	JR1VAY	YL2KF
W6TMD	K7LJ	KH2L	JK1OPL	K1EFI	
WV4TN	KM1D	SA0AQT	KR4F	K5FZ	249
	LA5SJA	US0YA	N1RK	KB9DAK	AF5CC
263	N9UA	W1SSN	N5BO	N6PM	HL2CFY
DK4TP	OM8FR	W5JAY	VR2XMT	OH7TV	IZ8GGF
EA3CJ	SM7CQY	W9EWZ	VU2CPL	W2GW	JA8FFM
EA4DL	W0JM	ZL2IFB	W2/CT1GIF	W2ZI	JH1APK
HA7UW	WA5LFD			W7CA	JH8GEU
JA7XBG	ZS6WB	257	254	WA4CEM	JJ1QUV
JR8AMF		AF4HX	BA7IO	WA4JQS	K1KA
K1KO	260	DJ0UT	CT1BWW	WV6E	K9NR
K4KAY	AA9A	DL9FCY	IZ5YHD		KF7F
K8FH	EA8MT	EA1JO	JF2WXS	251	KM6HB
K9FN	EA9IE	EA7SG	JH1VUO	9A4W	N0RN
KN6KI	EC1AIJ	EB3CW	JH2VVH	DL2RTL	N3KN
N1RR	F6HLC	IK2PZC	JJ1BMB	HA5PT	NH6T/W4
N7BT	FG5FR	JA6OXT	K0GW	JA1DDZ	OZ5NJ
NA5Q	JA2FBC	K1SM	K3SEW	JA1EMQ	SM4OLL
NF1G	JA3VPA	N1API	KI1U	JA1SKE	UN3GX
SM7IUN	JA3WLN	N6HC	LA5YJ	JA5BGA	VE3YV
W0GG	JH3FUK	PY2MC	NE8P	JE1VTZ	W0RX
W2XI	JH4ADK	RU1AB	UA3O	K4VIG	W8IQ
WA4LOX	JJ2WOC	SV1VS		K8CW	W9RC
ZS6NJ	K1ESE	W3FI	253	KG9Z	WB8K
	K8YSE	W8MJ	AC9O	KJ7TEA	XE2D
262	LY1G		FG4NO	N4SC	
CU3EJ	N6MZ	256	JA6IVR	N5UL	248
I5REA	NT5V	BH4QYX	JA8XQI	NV4B	AK5X
JA8BAR	SK7AX	EC1A	JH2PWY	W2JLK	DS5DNO
K8AV	SP6A	FG8OJ	K1FEV	W2TB	EA4DEI
LA6UL	TG9NX	GU0SUP	K6MKF	W3ABT	G3VPW
LA9FFA	WS9V	IK4HPU	K8DV	W4SK	HB9DOT
N3RC	WV8DX	JA0KJE	KE1F	W5GAI	HL2KV
N8OC		JF2VAX	N7XR	W8OP	JA1PBV
NK4L	259	JH1RGG	UA0FO		JE2VLG
NX0I	CT3KN	K4JJW	W6RW	250	JJ1SKG
W5ZG	DJ8NT	K6EID	W8GNM	6K5YIA	KF9UG
W6NWS	EA3EQT	M0TTB	WF4U	EA1RT	N4QWZ
W7LGG	EW1BA	N1SV	YB0COU	HA7TM	N4XP
W7QDM	JA8BNP	VK3NX		HB9EFK	N6KZ
W9PZT	JE2RDO	W6DE	252	JH6PFY	SV1IW
WA3GFM	K2UFM	W8JRK	DL7UPN	JL1MWI	W8IW

247 CT1FUH K1PL K3VAT KH6M N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W	W9FI WA2USA WA3F WA8MCD	G7SSE IW3GJF JA1DM* JA2FSM K9JU KF0LA N0ABA N4HID PY2GG SM3LGO SP5LKJ UX5UO W0SZ W8WEJ XE1RBV	237 CT1BOY G0VXE HB9CXZ JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL YO3JF	NA5Z NJ7G NW4M TA1CM W2DXE W7YW	232 AC9EM EW4C G3XLF HB9DVO HL2ZN JH0OXS JH3GFA JH6DUL JR3VMJ K4ST K5FNQ KB1DMX N9PGG NY2NY RQ3A SV8DOU W6CYX W9ZCL
246 AA7G GW4TSG HL2EIZ IV3KFB JK1WSH JR7GBL K3EA KB6CIO W1KMA W3ICM W5ZO	243 DS5TOS EI2HY G4XRV JA2EPW JS6TWW K8ME W1BR W4PNY WX2U	239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO JE2UFF JH1DGJ K1XV K2XF K4QE K8YYY N8SHZ WA6JA WB4KTF	236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA VU2CDP W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX	234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA JK1BSM JR4LZX K0VM K4JC K4MF K6ZZ KE5FXE KE8UM KX2A ND4V SV8CKM W3WST W9MO WA5UA	231 AD5WB DK6OR IK1IYU JA1MZL JH0AWC K2RU KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH
245 AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP K5IB KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL	242 EI9FVB JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K3WWT K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN WC3W	238 HB9MFM JA0LXP JE1PNX JF0JYR K9GA K9OR KA4RRU M0CSD N4PJ N5ZC W3MR W4KA WA4QMQ WB0TVY ZL4AS	235 EA7QW EU1U JE1IBI K0EOO K0VSH K4YJ K5CWR K8ZM N2FF N4IQ	233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB KK9H N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S	230 G3LUW JA5NPV JA6AVT JE2EBT JH7WQX JI1VVB K2SY N4TOL W2KA W8FIB W8WVM W9YE WB2NPY
244 G4FKA IK8UHA JA1CZI JI6IHG JN1NBU K0KG K1YR KK1W W0QQ W4REX W5PJR	241 AB5C G8AJM IS0AFM JH1UBK JP1IOF K7KB KV1E N4OA N9SF W5DNT W5QM WB8CQV				229 AA3LX AE0P
	240 E21EIC				

AH0U	JH1IED	SM7BHH	220	SM7WVZ	W1JGS
DL8SDC	K2BA	SP6AXW	AA6RR	TZ4AM	W4IS
IK2GAJ	K2SD	V51B	DL4LAM	WA2NPD	W6SL
JA2VHO	KK0DX	W7NN	EA5DFV		WA6HBR
K0HD	KK4OK	WB0O	JH1OGT	217	ZL2AL
K3FM	N2KX	WN6K	K1DJ	IK0CHU	ZS2Y
K4CMS	N2SQW		K1NJ	JA2NNF	
KD1F	N5ET	223	K1NTR	JA7ZP	214
KI4DLS	N6BM	AB4UF	K1TZQ	JG5RVQ	3A2MW
N3PS	N9AOL	AF2C	K4EU	K1RH	DJ3AS
N4NW	NG7M	EA7DUD	K4MIJ	KK2M	F4GVO
NE6I	VE7TK	HB9HBZ	K5MT	KU4BP	HB9VAB
UR5FEO	VK4CAG	I8MTQ	K6MM	N6QI	JA7DPC
W1WC	W7HR	IK2RZP	K7AWB	OZ0J	K0QQ
YB1TJ	W9DX	IZ8MBW	K9WX	W0TM	K2AZ
		K0NV	KV4T	YO3IPR	N9KW
228	225	K6IPV	KZ9DX		PY2RO
7J1ADJ	DK5RL	KI6CG	ON4ATW	216	SP7ICE
AA0MZ	DS4AOW	KW4V	SM0DSF	AC4VM	W0KCJ
EA5B	EU1M	N4ENE	UR4IOR	CX2CC	W4WN
F1RAF	G3SBP	W8LMG	W5THT	DJ3XG	WB6BFG
F5LIW	JA0EVI	WC4H	XE2X	EA2AFV	
JA1OVD	JA4CZM			I1YDT	213
JA7QQQ	JF1MTV	222	219	IT9AAI	9A1AD
JF1RYU	JH8NQV	AK5Q	F5JSD	K7LV	AG3V
JF1WLK	JL3OUW	DJ9SO	HB9BNQ	KK4OW	DK3UA
K4KGG	K0IL	DL5XL	HL5BMX	KR4W	HB9HIT
KE0A	K0OK	E77S	IK5QPS	KX4TT	IT9ODQ
KE4UW	K1JIU	IZ7AUH	JA1FJJ	LB6KC	IV3FFI
RA3QUA	K2HAT	JM1VRW	K5CD	NC4RB	JA0LFV
UN9L	K3SF	K2AT	K5JZ	PS8ACL	JA1FVS
VR2CH	K4JWA	KB5UNX	KD2T	W0SR	JG1JPE
	K5YU	KS4YT	KE6V	W5VQ	JG3RWX
227	MU0FAL	KU8X	KG6I	WB3D	JR1EFG
DF8FT	N0ODK	RA4P	KI7AO	WS1L	K5ALQ
DL2RUM	NA2AA	VE7BV	KR2Q		N6PEQ
I0MWI	W5GZ		KR6C	215	N8GP
JA0DWY	W5LO	221	N1KC	9H1EJ	NA2M*
JK1SQI	W5TFW	EA2AAZ	N6DX	AA7XT	VK3FM
K1GE	W8UV	IZ1JLG	SV1FKZ	AA8SW	W1LE
K5GH	W9KVR	J11NJC	W5GA	DS4GKF	W3BJ
LU6ETB	WE1P	K4CGY	W6GRV	HB9IIO	
N1NU	YO9FNP	K4MV	WA3I	I5XFD	212
N6OJ		K5DV	WC2K	IZ0BVU	G4ZOY
NA9Q	224	K5ZQ	WW8W	JP1GUW	JA1BWA
W4DEE	JA8NFV	KU4XO		JR0AMD	JA3LDH
W5RF	JO1LVZ	KV4AA	218	JT1BV	JR2PZX
W5SL	K1CBK	N9JR	DL2NOM	KF4NEF	N4FN
WA9GON	K2TER	NY1V	DL4NBE	KO6KD	SM5AOG
	KZ5DX	RU0SN	G4VMX	N8NN	SM7GIB
226	N3RW	W0BM	I7PXV	RN9N	VK5GR
DM2RM	N7WO	WA0WWW	KE3D	W0FG	W5DAW
I0OSI	RW4CY	WB0N	N4JT	W0TT	WW2DX

WY1G	JH0NOS	205	W1DYJ	K4VNY	N4HN
YL2TW	K0THN	AC9S	W3BNN	KI4WCQ	NA9A
211	K4WES	DL6UNF	WA3FRP	MU0GSY	SP3F
JE2KSM	K5RJ	GM0VRP	202	N2RR	SP5MXZ
JJ1JMZ	K9SG	IK0WRB	BV1EK	PB9FN	W5AAJ
JJ1KZZ	KC2SST	IK3GBG	DL8DWL	V51YJ	W6HYI
JO4JDU	N6ZN	JA4DHN	IK5BOH/2	W6JZ	WB5NHL
JR1JGA	N7WS	JA7JM	JR1IZM	W9LN	195
K3SX	NU1O	JA7MNF	N8WD	W9RXJ	CT1ELF
KT2C	NW6S	JJ2KDZ	NN9X	WB4YDL	K3NF
N1BY	W1FA	JO3WHB	W3NS	198	K4KEW
VR2XLN	W5FPT	K4YYL	W4RDX	AG7N	KE4S
W6UC	WA6G	K5VR	W7TUS	DJ0MCH	KF9AF
W6WF	ZS1J*	KW1DX	W7VY	IV3BSF	N3XM
	207	N2KI	WE2N	JA6ENL	NA6MG
210	9K2BM	N2ZA		JM1ESG	NN2D
AA4LR	DG5LAC	OH3OJ	201	K7PT	OH6NIO
CU3AN	JA7MAD	WA4MME	GI4OWA	KA1J	PP7LL
JA7FAS	K6ZP	WI7P	IZ0GYP	KZ1W	SQ7FPH
JH6RTO	KE1VT	XE1J*	K0MFI	N3ND	VE3YXO
KD4SN	M0HIH	204	K2CYS	NN5E	W3ML
KD8RQE	M0IKW	JL1GYZ	N4PYI	RA3BL	W3SB
LU4FW	N9AKR	KB5HC	OH2LHE	VK6OZ	194
N8BK	OE1JIS	KM9E	RT5A	W6SHY	A65BD
PY2WC	ON4ANN	N7ELL	W1OP	WA2VQV	EA5ZR
S54A	RD9M	VU2IBI	W6AEA	XE1FAS	K1LT
W5WP	TF3DC	W4GP	200	YV5LI	KP3AH
W7FP	VK2CA	W7IV	HB9AGO	197	KR8T
W9IL	W1AW	WB8BZK	HB9FBG	4X4MF	NJ3K
WA9BZW	W1MJB	XE1L	IZ5FSA	BA4TB	SP6EIY
WK8A	W4GE	203	IZ8EKL	EA1DLU	VU2LBW
YB0DJ	W6KK	7L2QAD	JA3EY	IV3AVQ	W4DC
209	W9QO	DF3EC	K1ZJA	JA2MNB	W5UHQ
JH8UQJ	YB0MWM	F5NBX	KC6JAM	K6TAR	W7PAQ
K0LB	206	IK2RGT	KM4VI	K8SIA	WA1NXC
KB2FCV	AG5W	IZ0BTV	LA6OP	KD1AB	XE1R
KB4MRX	CT1HHP	JA0CIU	N1IA	W4DAO	193
KO8SCA	HB9CRV	JA7JPZ	PY3VB	W4HZ	7L4VYK
N4TD	IW9DNI	JH8NBJ	VK6LC	WQ5R	AE4CW
N9XX	IZ4DIW	K0CS	ZS1DX	XE1H	DH3KM
ND3L	JA4DNC	K1VI	199	196	I4UUL
PU1KGG	JF1IRW	K4GO	AA3TH	CT3CD	IZ5MOQ
SM5BNK	JH1FVE	K4JKB	AC0X	DF2UA	JA0AXV
W6DCK	K8NK	K9OW	AD4AA	G1VDP	JA1QIW
W8BLA	KK5OQ	K9TF	HI3T	HB9ESS	JA3PRM
W8HMK	KK9T	KA1DJ	JH0RVY	I7LGM	KM1C
WB0ULX	KW4CQ	KK8MM	JI1WLL	I8YAV	LZ2ZG
208	N8BJQ	KL7TC	JM1SZY	JA1XRA	NU4B
DL4FAP	NW7US	KM7R	JR7ILA	N2GZ	PY8WW
HP2NG	W7IUO	N4TV	K4SX	N3QE	SM5ELV
	WA3WZR	N6PAT			

SP5IXS W8NN WA9DU WB6CJT	JH8KFE JI2UDK K7UT K8ZT/QRP KD0AA N3AIU N6MXU OT1A SM0BYD VA3OKG W2OR W9ROG WA8LRW WB4GLI	F4WDL IK8GJR KM4NS N6VNI W2CG W5ZE XE1YD	JA3UNA JE4CIL K6LRN LA7EIA NA2U WF8R YB2TS	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JK1JAS JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV SP5ELW W0UC W0ZS W1HS W4CCS W4TUN W8QXR	SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
192 F6FYD IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG WQ5T YB1TQL	189 AA4UC I0LYO IV3KCB JA1SGU JG1SWM K3HW K5RKS K5TN K6UXO KY5I N2MEE N6NU ON6KE RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP	186 K1BZ K5EWS K5QX K6EGF KC6X N5QS W8RV WA5IPS WZ4RC	182 4X6KJ AE4M I5FLN I8LWL JA6SQR JI1CQA JK1DDG K5DCW K7LAZ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T N4ST N5FEE N6DHZ OZ1HPS TF3JB W7HUY WB6AXD WC0W	176 DL6NW F4FLF G4AYU JH8FIH JR1FHP KK7YC KT8D KW9U LA4JGA N1JP NM1G VE1VOX W4LEW W9WO WA3GNW WD4IXD
191 AA4NC G4XEE HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K3DFL K8QKY KF2OG N4DWK N7MQ NK7C NO0B OV5O OZ7DN VK2HV W5IP W8UQ WB4DNL WF1H W18R	188 EA7AN JA0GCI JH7NTW K2AX K2DC N2ZZ OZ9XU PY2RN W0PE WV4V YO2DFA	185 JK7LXU K0KP K3PP K9AQ KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WV2I	181 EI3CTB IZ4AIB KY6R N1HO N6VS N8AYY NV4A UA9AEU W6TK	177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K0KV K2JL K2MK K3OX K8YE KF4VTT	175 AG5CN EA6UE IU8IYE IW1PUR IZ0CKJ JE3PCP K1ROA KD4POJ KF6HI KN7D N7NG NS3L UA1OM UA9AGX
190 AA4U DJ9KV EC7B F4DSE G3WW HL4CCM JA2ITK JA3AVO	187 AF6PK EA5HM	183 IU0ICA JA2KSP	180 A61BK AA4AK DK1NAL JH1IZR K8SL N7VPN NA5S VR2XYL W0MS W4DSM WA6EZV		174 AD0K AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K9HQM

K9UQN	K4NTO	168	SV2CLJ	S50B	W8FN
N7NW	K4WY	A92IO	VA7DX	SP7QHR	161
NG9J	KB0V	AB4GE	W4PGC	W6SIY	HL3ERJ
TF3VS	KC5LK	EW1P	W8SAX	W9CSX	JP7FSO
W5JMW	KP4DKE	JA0PZJ	WA1ZIC	163	K2OP
W5WI	N8WRL	JE4KCN	WA5NOM	4O3A	K4AR
WA4BIM	NA6O	JH1ORA	WB3JFS	AA4OC	KM4A
WA4NUF	ON6MX	JH3EQP	YO3AIS	AD5MD	N7QT
WB8QZM	W0MU	K0PC	ZL3RJ	AI4QQ	N7VZ
173	WA4DOU	K0PX	ZS6IR	DS4NPL	NA6XX
AB6CF	WA5KBH	K0RAR	165	EA1AZ	OK2ZDL
AI9U	170	KF0RQ	AG6HE	F4CPF	SM3PHM
DM6MA	DL2JIM	LU8ADX	CU3HN	HA5BSW	W5BK
HB9DVZ	EI5KO	LX1CW	EI5JL	IK2ULM	W5RDW
K6UNE	EI6AL	OE1ALW	HK3PJ	JA0MRW	W6DOE
K7STO	JA1GVT	R4FAN	HL1VAU	JA4GXS	W9GG
K8JE	JG1GJH	SV1XV	IK0XIH	K0ABC	160
KI6MQX	JG1RYQ	VR2MY	JE4WOK	K0CF	E70T
LA9VBA	JK1BIB	WA9IVH	JF1KML	K4GN	EA1WH
N7HN	JQ1PCX	WX0Z	JR1KBJ	KE1B	JA1ITJ
N9DR	JQ1YIW	167	JR6LDE	KO4PRE	JA1UOA
N9IO	K6JJ	JA8BOV	K3VPZ	KW4MM	JF3VEC
NC7B	K7CU	JE3FOR	KG4CUY	LA1CO	JG2LGM
NX2X	LA2GH	KA5JSM	KG5NP	N0AMI	JK1EBA
SM0EUI	LB7ZG	KB8NTY	LA2XPA	N4KM	JK1NPH
W2PD	N3WD	KD3HN	N2RJ	N7KDT	JR1CAD
W4DTA	N4VN	KE3X	N3KS	N9LEO	K7LY
W7VAS	N6EM	KH6XT	PT2ND	OH3PYY	KC9K
WA7BNG	N8VV	KM4HQE	RA0BA	R3IS	N0IW
WY7FD	NX4TT	N1ZJ	RL3BZ	SM7CZL	N4MEC
172	VE1OP	N4PL	VK3TC	VA2LC	N5WA
EI1DG	VE2YG	N8JS	W2FS	VU2MSA	N8IL
JA1BON	W0OGH	N8OQ	WB2WPM	W1OK	NI5F
K5TA	WA4USA	N9ATF	WB9PNU	W1XV	W1TO
LZ1XL	YO4AUL	PT2ADM	WC4X	W4PGM	W9FF
N3AO	169	PY2SEX	164	W8MIL	YO8CRU
N5PA	AC0DQ	WA0SXV	AC4BT	WB9B	ZS6RJ
N7GCO	DM3CW	WA5NFC	CT3DL	XE2YWH	159
SP5ES	JA1KXT	166	DL7JRD	YO3DDZ	AA3AZ
W1ASB	JE1PHH	AL7R	EA3HDZ	162	CT1ESO
YB4IR	K8ZZU	DL1SVA	EI6IZ	4F1OZ	DD0VE
171	K9OT	GM7NZI	IZ0GVZ	AB1J	DK8IZ
AA5N	KI2D	HL4XM	K6CF	BH4IGO	EA1P
AD3C	N4MI	JA1PVX	K6GFJ	DJ7JC	IK0WMJ
CT2GZE	N5MT	JG3KMT	KA1API	DS3EXX	JA0ED
DL5MM	N6MB	JR6GHN	KB7QFE	EA2AGV	JA4FKO
F9CI	RD3BD	K0FLY	KD8MQY	HS8KAY	JH1BHW
JJ1BDX	SV1IZY	K7CTV	N2XQM	JR4CZM	K0IO
JS6QOM	W6FL	KN4FO	N7WI	N4BAF	K1EDG
K2TV	WA6QGH	KR4BD	NA2P	NP3CW	K4SAF
	WB8EKG	KW4J	PT7DX	W4NBS	

K8EB	N9AZZ	JA1IHD	ON4LG	W4IDX	147
K9QJ	N9MB	JA4HXF	R9JX	W4NE	AB9KZ
KC4HN	PY1NS	JA8ANQ	W2NY	WL7OU	EI7GY
LA8ZAA	W3HKK	JE6PJP	W6RFF	ZS1C	G3VQO
N1MD	156	JH1AQN	W7JET	149	I4JEE
N4GBK	EA3HPX	JM1JZN	YV4DYJ	7N2JZT	IS0/YO3RA
N4VG	G4FTC	JR3QHQ	151	DS4DRE	JJ0LZQ
NE5S	GM3WIL	K5DXR	DF1IR	ER0FEO	JK1OTP
NF7D	HB9HHH	KC1ERO	DL4KUG	JA0JPD	K3GGN
VA3NXM	HB9MXY	NE5W	J68HZ	JN4FNZ	K5UZ
W1EBM	JA1CCG	W4CIR	JA2BUR	JS6SCC	K8MRT
WD5BJT	JA2ODB	W5TMC	J13BFC	K2KIB	KB1HY
XE1MW	JA9RT	W8TM	K1QN	K2RET	KB9LIE
158	JH2AJY	WA9MAG	K3GW	K4TXJ	SV8RX
9J2BS	JL3DGI	WN7J	K4DET	K9EXY	VE3FAC
G4SGX	JM1LPN	153	K7LAY	KD4EE	W3NRJ
IK1UGX	K2HT	HB9BEM	K9AAA	KM2E	146
IK3DVY	KA9OKH	JA3UOQ	KE4BKL	KP4DS	AE5B
JJ1KXB	N5QZ	JH2NWP	KE8G	N0STL	EA4D
K4HQK	N7RD	JR7MAZ	KK4CLY	NE0U	HP3TA
K8GWU	W1MR	K0YL	N7MB	NU4Y	JA3KWZ
KB2XJ	155	K3GO	NU4I	NZ0O	JE1COB
KC3AK	5P5Q	K4OY	SM0NUE	RT0F	K1IG
KF7NN	DK3QM	K8ROK	VA3EJN	TF3Y	K6NR
KJ7NO	F6KOP	K9MMS	VA3HP	UA9MC	K8ARY
N0SL	G0THF	K9YZ	W3HER	W1DAR	K8POM
N4XXM	HB9GWJ	KF9LI	W5WLA	W4MA	KB9AIT
N6MM	IV3TDM	KK4XL	W6WA	WA1EHK	KM8AM
N8TFD	JA0EBV	LA2IR	WA9JWL	WF7T	N6FS
OH3DP	JA6SUY	M0MCV	WC2C	148	N6RK
W0JMP	K2DF	N0VVV	150	4F3BZ	N9MR*
W8LIG	K4EZY	OH3FVP	DK3BK	A71AM	NJ1Q
WB2RAJ	K4WM	SP5NON	DK3FB	AE0MO	SM3DXC
WB9ZNZ	KM2O	W3DIY	DL9SAD	AI6P	TF4M
WT2P	M0IFT	W8OM	HB9EBM	F5NNN	WA2MUA
157	N1QY	WB4SON	IT9ABN	IW5EIJ	WA3SKQ
7N3IJT	NH6L	152	IZ2MHT	JF2AIJ	WW8RT
AB2E	NK7Z	AC6BW	JA7GZM	JR3PKO	XE2B
E20YLM	NO9E	AK9B	JR7XOD	K5LY	YB1BML
EI2JD	NU1T	BX5AA	K5HK	KA3GWD	ZS6UT
GM4KHE	OE1HHB	DF2WF	K8WHA	KB8ZUN	145
JA0NZR	UT7EC	DU1KT	K9RT	LZ1MDU	5T5PA
JA1UBZ	W5SV	G4AFJ	K9UWY	N0TK	AA5TL
JA3MHA	YB1AYO	IK5BSC	KI7M	NJ6K	AC7JM
JE3OUW	154	K2EK	KX5U	PY2CP	AL7TC
JG1XBM	AC8TO	K4RDU	N6JOJ	VE6TL	DL1MEV
K0SRL	AJ8B	KD2OV	NM4SH	W4AFB	EA4S
KN7Y	DS5WQT	KE9S	ON6ZV	W4AG	EA7LS
N4QM	IZ0FUW	N8IK	SM0BSO	W8VI	F1OBJ
N6VH	JA0GZZ	N9GKE	VU2NXM	W9GM	JH1CTV
N7JB			W3KB	W9MAK	K5FXB

KQ5M	K2CJ	WW6G	K6IRA	WB6FWS	OH7HM
KS0M	K3GT	YB3MM	KP4N	WB9IWN	VU2ABS
N6KK	K9UO		N9NFT	WO5I	W1GY
NS4X	KA6BIM	139	NI4Y		W3MF
W3DQS	KV7N	F5VML	OE3JAG	134	W6OUL
W7NP	LA1J	HB9ARK	SM5CSS	AB0RX	W9SE
WR7Q	W8WV	HB9DTE	SP3EPG	DL4ZAB	WA6MRK
		HL4CBX	TA1AL	EA6AZ	WB1S
144	141	K0QB	W2GGY	IZ8DEO	YO3GJC
AD0TR	7K3QPL	K2WJ	W4UEF	JA5SEY	
DL6DCD	9H1AE	K9TRV	W9MR	JA6GXP	132
GM0VIT	EA1T	KX4I	WA0WOF	JR0GXA	AA4FU
K1TKL	EI3ISB	N0CKC	WA5YOM	JR1HYA	AK3E
K7QBO	HB9EXQ	N2SG	WG0G	K3KY	AK6I
K8OS	IZ3XEF	N7NF	WS1F	K7FL	I8NLC
N5UE	K2JK	N7UJJ		K7RAN	IK8OZV
RN0C	K4RM	R9MJ	136	K7YZO	IZ0COI
TF5B	K5VG	TA1PB	AC9GK	K9JDP	JA9KRO
UY2UZ	K8RCT	ZL3TE	DM5JBN	K9SUH	K4BNF
W0AIH*	K9AAN		G0OSK	KA9JCP	K5SES
WB9W	KA5SYP	138	IS0EBO	KD2SC	KB8KIM
WX3P	KA5VFU	AC5AA	NT5EE	KF5WCP	KD3UY
	KE7BMG	DL5KUT	ON5GF	KN4OK	KG8OU
143	NZ6N	DL5ZB	ON5RKN	LB5GI	KI7HO
AA4MM	SV2JU	G0FWX	VE3FRR	N1AH	KK5ID
AF3X	W1ITU	JA0CVC	W0ANZ	N2TC	M3DFW
EI7JZ	W1NA	JA1VRY	W4GH	N6XT	N3TR
FM5DN	W3IZ	K2YSY	W4PV	NC6RJ	N4EDT
HB9AAA	W5GOL	K6CW	W7KKC	PA0QRB	N4QOG
JA1MOD	W6HDG	K9BO	W7SX	SM3WMU	NN3V
JF2RSF	WK9U	KC9G	WX2K	W2KNG	ON6YH
K2OO		KF6A		W4UAT	PY2OP
K6LPO	140	KL7NW	135	WB1DX	SM7DXQ
K9BQL	AD9DX	KU9S	AA5H	XE2AD	UW7UA
KE4FW	EI6JK	N3PV	AB4FH		VU3WEW
KG6D	JJ1OKK	N5RN	F6FHZ	133	W3KHZ
KJ2U	K0UBR	N9BVA	GM5YTT	7J1ABD	W4MC
KJ4R	K4AU	OD5YA	HZ1GW	DL8OH	W5FL
KN7K	K5GZR	PV8ABC	JA1DCK	G4NBS	WA1HXX
LB2TG	K6EV	V31CQ	JA3MIO	GM1BSG	WA1KXV
N2YBB	K6GCN	VE3MSC	JA7MWC	HB0WR	ZS1EL
N4UP	K7VC	W0UHL	JJ1HLL	HK4EB	
N7ZA	K7YMG	W4DWS	JL2ULM	JA5IBP	131
TG9AJR	KO4DKI	W4EJG	K3HPA	JM1JIV	EI5GM
W4JVN	LA8PDA	WA5POK	K3WGR	K6ME	JH1IYY
W4UFO	LZ2HM		K4OP	KC2STA	JK8VMB
W7VS	N5JED	137	KC3RKW	KG6WIK	K0ARM
WY0V	N7TW	DL2RD	NX8Y	KI4TZ	K7GA
	NS0D	G3PSM	S53MJ	KR4DA	KA5IAU
142	VE3NJC	HL1MKT	W5IO	LA9KY	N0AKC
AA4DD	W5VU	JH1SBE	W7QHE	N1BKB	NG4DX
JA1PUK	W9BS	K2CDJ	WA7HR	NT9F	NN6K
J11UHZ	WB1ASL	K2RKJ	WB3AVD	OH4KRN	VE3NKS

W5EC	F4GTB	NA1RL	KK5J	IK0XKP	121
	HL2DBP	ON5EQ	KK7BR	IZ8LMA	AB4BJ
130	JA6NQT	VE3EDY	NA7RH	JA1GLE	AK0A
AA4QE	JH1AWJ	VU2TMP	NN6CH	JA2HOL	DL7UGO
DL1SWN	K6OJ	W0MF	SM5AFU	JH1RVQ	HA2EQD
JA2LMY	K7PTC	W3KN	TF3MH	JL3RNZ	IK6BMU
JF2OHQ	K9YKL	W4BH	W0XE	K2JGL	JA1CPN
JH3PRR	KC2WUF	WA2BOT	W3ATV	KC2THY	JA1EYN
JL4BSE	KD5R	WB2KSP	W4AO	KD0KZE	JA1WTO
K2MHE	KG2U	WB9TFH	W5CWQ	KG4OJT	JE2DOD
KB3IFH	N0JR		W6PG	LA2XNA	J15WDC
KD2NF	N5EI	126	WA1LAD	LX2SM	K1LTJ
KI0HA	NR0Q	CU7AJ	WA4TMJ	N6DVR	K3CWF
KN4JX	R3BB	DS3EXT	WM4AA	N9RE	K9MQ
N2YF	UR9IDX	EI4HH	WR2G	OH3TY	KK4ODQ
N5JEY	W0QD	IK4TVP		PY2ADR	KU2A
N7TM	W5MF	IU8GNY	124	SV7CUD	N3ER
NS4F	W6IS	IW7EDZ	7L3SQL	VE3VHH	N5ZY
OZ6TL	W8BI	JA5CDL	DJ3EJ	W2ARP	NA2R
PU4MMZ	W9EBO	JA5XPD	EC4KW	W2WGK	NA4MM
W1MO	W9TO	JH4GXE	EI8IQ	W4UT	NY4G
W2FDM	WA4UWD	K2GLS	G4RGK	WB8TGY	OZ6EI
W9CTJ	WC4V	K5KDX	IT9YOZ	WU7X	PP2FN
WB8RFB	WP4CQ	K7PO	IZ1UKF	YB9WZJ	TA1L
YB2IQ	WQ1H	K8GT	IZ5BYJ	ZS6NK	UA0FDX
YO8PS	ZS6AKU	K9QA	J11DMH		UR5FLN
		KC5RR	K3SUI	122	W3/NH7C
129	127	KC9WPS	K6VVK	AA0BH	W3JXP
AD6KQ	7Z1HL	KK4CB	K7HC	AA5B	W4CC
AE7U	AG4TO	KM4CQG	KB8DID	AB5YI	W4KCM
DS4EJA	DJ5DT	KS4WA	KC2NJ	DB4RG	W5UQ
JA0AVS	DL9GTB	N1GNB	KC4AA	G0HSA	W7PC
JA1PLT	EA4TX	N5HC	KD9ZR	HC1HN	W9MB
JA2ACI	G8BCG	N8YQX	KK4TKJ	IZ0FYW	WA7HQD
JA3WMS	HB9TJG	N9XG	KV8P	JA9ALR	WB7BBQ
JH1RFM	HK6K	VE3TMG	N0YO	K0HQW	WQ8T
JM1CMA	I2YPY	VK2DAG	N4LSJ	K1AJ	WT3Q
JN1SUT	JA0BES	VR2VGM	N5VBK	K3DQB	WU9D
K7ORK	JE2VYM	W7FI	NT4K	K4VAC	
KB4KBS	JG1LRE	W9COS	W0DD	K9KJ	120
KN4WOJ	JG5DHX	XE3E	W6ELI	KB4ET	AA2T
N9AVC	JH1HRJ		W6ND	KN9N	AC4TO
PY3OG	J11MNT	125	W8PAT	N1ZZ	AE5LK
SM2YIP	JR1LZK	AC4XO	WW5L	N4GRC	AI2S
VK5CE	K2GW	AF8C	ZL3REX	N9ATD	CT7ABD
W7TG	K7LFY	EI8GS		UT9LC	CU2CE
XE1ILI	KF3N	G4EHT	123	W1ES	DS3DNT
	KS8W	IK8PGE	AB9BH	W1HEO	DS5QLJ
128	LA2LI	IZ8EYN	AE5FM	W1KKG	F5AQB
A71XX	N0AB	JP1GVC	AI5EG	W5HNC	IK8IPL
EA1AHA	N0DL	K0MD	DJ6OZ	W6HB	IT9JPS
EA3NG	N1BZ	K5NOF	DS4DBF	WF5I	JA1DCO
EI3IO	N3GTG	K9ARZ	G6NHU	XE2MX	JH5OTE

JJ1XVA	KG5VK	KD5RBU	JA8EIA	M0NGN	AK4N
K3QB	KX6C	KQ5S	JA8WGX	N6DW	EI9CN
K9CHP	LZ1XZ	N0ATQ	JG4OOU	NA9L	F8DZY
KJ6Y	N3HYB	N0UCR	JM3XZC	S52R	G4ZWY
LU3XX	N8KUS	N2ZL	K1RE	SV2DSJ	HB9ECS
N0TR	VR2CC	N4KEB	K2IRM	VA3AYA	JA4DLF
N1TQP	WA7ZXD	OE6CLD	K3PL	VK7ZE	JA5EEU
N2SO	WA8RCK	RW6MBC	KB1W	W1FC	JE1TNL
N3DV	WB5TOI	SM1NJC	KI8AE	W3JM	K2KYH
N3GS	ZS2I	VR2IL	N3DD	W6BBS	K5NV*
N4UFP		VY2RU	NA1DX	W7CD	K8ZEE
NJ8G	117	W1HQ	NG8T	WB9YJE	K9JIG
NR2D	AD7L	W7WES	NK5K		KI2Y
VE3QAA	CE3FZ	W9LU	W0QKL	112	KM5VI
VR2ZXP	F8EZE	WA4VJK	W2ZK	3C3CA	N4NYY
VU3RGB	IS0BZR	WW5RC	W8LR	7Z1CQ	NT5O
W1RG	IZ7QFN		WD0AJG	DL5FAC	PT7CB
W5RYA	JA9KA	115	WN0L	G0DTX	TA1UT
W6GJB	JM3GXU	AA9WO	WT9U	G3YFE	TA2RC
WT5L	K0FF	AF7WM	XE1EE	GM0SCA	TA7AZC
YB0AZ	K4AEH	E74A	YB2BNN	IK4EWN	W7WT
	K9LCR	HB9MZI	ZS4JAN	IS0BQE	W8PE
119	KA4AHU	HL4RBR		JA4RED	WB8PKK
DL2VWR	KB2S	IW2FLB	113	JF3AHI	WU4B
F5BAR	KB5CSQ	JA0NPQ	AB1NS	JH0LME	XE1ZTW
HL2MHU	KO4PY	JH8LEY	DL2DCX	K0XM	
JA6JYM	KP4ED	JJ2VLY	EA5DPL	K4HEB	110
K7LOL	KZ1X	K5TU	EI2FG	K4ZMV	AC0B
LU9DO	N1GFV	K8CR	F5EOT	K4ZRJ	AG5Z
N8LCU	N8AGU	KB4CRT	F8GB	K8CJY	CT7ANG
ON8PHD	VE7NY	KB7V	G0UJI	K9KDS	DK4MX
SV1BYI	W3LWH	KG4URP	G4NAQ	KH6P	EA1BLA
SV2KF	W4ARK	MM1PTT	G4YCS	KY6AA	EI9HX
VK7AP	W4PG	N7PIB	HB9GZE	N0OK	G4VWI
W1ZK	W4VG	NE1RD	JA2CPD	N8AID	G6MXL
W3MRL	WB9WHQ	NG0G	JA4CSJ	NQ4A	HB9BEP
W6ZPL	YO6HOY	NW6V	JF1AZQ	NZ7Q	HG6IA
W8EOG		OE5MPL	JG0HEW	S51DV	IZ1EPM
ZL2AO	116	SP5BMU	JH1GNU	SP2LLP	JF3KOA
	6K2ILX	W0LGQ	K1JKR	W1USN	JH1FRW
118	AA0FT	W3UNX	K2KNB	W3WN	JR2PAU
6K5AQY	EA5GXI	W4OV	K4JDJ	W4LLP	JR4DHK
AE1T	EI4BZ	W5WS	K4JLD	W5GCX	K3MSB
AJ6X	G8GHD	WB4MM	K4TR	WB2UFF	K4KAL
DJ9KM	IZ2CSX	WJ5K	K5WRE	WD8LTM	K4RP
IZ0RPS	JA2KPW	WS4H	K7BWC	WF4W	K6DJ
IZ1JIZ	JT1CO		K7MO	WJ1B	K6SLO
JA6CMQ	K1EO	114	K9DUR	WN1M	K9TVG
K9GWH	K4GHS	G3CWW	KA5OWI	ZL3PAH	KF8PD
K9KJS	K4LCP	HC1HC	KB1OIQ		KN6HIP
KA9JAC	K8JRK	I0BJV	KB2TGU	111	KV3W
KB3KJ	K8MN	JA1CCH	KC0V	AD7XG	N1TQ
KD9BIE	KC1RET	JA1CPU	LU3JVO	AJ6V	N3YZ

OE6BME	AC9DX	K2ZD	K6VWE	KR0P	N4ZR
PV8AJ	DB9CR	K4LQ	KA9TOX	KZ4EX	N8TEM
TF8GX	DL1TPY	K6DLB	KI0KN	LA9JKA	N8WXQ
W1ZZ	DL2AMD	K7UWR	KI4NSP	LZ1JZ	NA8W
W5JE	DL2NAI	KA4LBD	KM8V	N2YU	OM6CI
W6TCP	DM5TI	KB0EL	KT5V	N9APK	OZ9U
W7YED	DU1IVT	KF2G	M0PCB	N9IXD	PY2YW
W8TE	E70X	KF6XA	N4DJT	NC1M	RV4LC
W9GFB	EA5XV	KJ4FZ	N6UOZ	NK7L	VE3ZN
W9JJ	G5CL	KR4U	N7MW	OH6IH	VK3MB
YB1SKR	IK1RKN	LU5OM	N8OYY	PV8RR	W0VU
YO5QAW	JA2DCN	N0MHL	N9ZJ	VU2DED	W5PD
ZS5LEE	JA2KGQ	N1UZ	NG4C	W1PY	W9GXR
	JH1OVY	NC7M	NI7F	WB8LEM	WB4HMA
109	JR4NUN	NI8Z	NS7K	WD4OHD	WB7QXU
AA4RX	K1FUG	OV2B	PT2DF	WK3A	WF8Z
AC8AZ	K3XO	PP5VA	PY2OC	WZ9B	WX0B
AF3K	K8LBT	RM6LW	UA0ABB	YU1LD	YB1BUL
DL9QJ	KC8YG	SV3EXP	VE3BHZ	YV4EH	YO6HSU
F5DBT	KE3ZT	TA1CQ	VE3XK		ZS6HON
F8DHE	KE7AUB	UX5XK	VU2MB	104	
G0MMI	KI4SFT	V31MD	W0TLX	7N4OBV	103
JA5GOJ	KJ2AM	VA2GA	W4/KL7GLL	AA2WC	AF8P
JA9IWR	KJ4SKO	W5HY	W6KF	AA6XV	DS5JMG
JH4GNE	KO4XI	W8JA	W7GB	CT3DZ	EA2RY
J11IZS	KW1X	WB2BXO	WA3IIA	DD8BA	EI9GLB
K0FD	LU2AH	WB2MKX	WA8Y	EA4EJP	FM4LV
K4AEN	N2IFA	WC2L	WV4E	EI3HA	HB0RER
K6JAD	N5FPW	WM4W	ZL3RIK	EI4GNB	JA7HYE
KB3Z	N5TW	WS7I		F6ARS	JF1KIG
KB7DT	N7TP	WU1U	105	FM5FJ	J11FXS
M0AQM	TF1A	ZP6CW	AA2F	G0DRM	JP1KHY
N4LS	VE7VV		AI1W	GW0ANA	K0OOK
N4WD	W4DVG	106	AP2IA	HA5DI	K1FBI
N6RVI	W6CN	AB6WQ	DL9GTK	HB9BMY	K2RNY
NN8L	W7SMW	AC7DX	E29TGW	JA1CC	K3PIN
NW6R	WB5ZAM	AC8IL	EI6GF	JA1DHY	K3TXW
NX1P	WC4B	DS2GOO	G3LOJ	JA1RBY	K4NI
NZ3M		DS5MNO	GM1TBW	JH1MYJ	K4PWS
PF7M	107	EA3AGY	HL4GHT	J14HKA	K4SAW
PV8DX	AB7RW	EW4DX	JA1JYS	JQ2MPJ	K6XJ
SP7ASZ	BG8PA	F5VIF	JA1SZN	K0BRO	K7HV
T88UW	DJ5FZ	F6JSZ	JE6UWU	K1TWF	K9WMS
W3GP	DK2GP	G0OJG	JJ2BLV	K2CQW	KA7CVJ
W4JDS	DS4OMS	G0RPM	JK1AIA	K4WW	KP4DDY
W5SG	E73D	G3LPS	JK1AKA	K5JUC	KQ6K
W7CB	EA2BFM	G4FVZ	K0MB	K7UW	M0UPL
W7VP	EI5GSB	HI7SB	K1ETA	K8WVA	N1MIE
WA6URY	IC8XIL	IZ4IRO	K5WE	KE4YOG	NB3R
	JA3MAT	JA3AOP	K7CMZ	KE9V	NI5G
108	JE1CTA	JA3FRI	K8FB	N1FOJ	RX3BP
7M4CLF	K0FJ	JF7NNI	KJ8N	N3PW	VE7XT
AC8MR	K2FJ	JJ1IRS	KK4MA	N4PAJ	W0PPA

W2SUB	XE1SAX	TG9AKH	JN1RFY	N7WR
W4CU	YB0EIN	UA4PK	JR4VEV	N8HM
W7KHZ	YB9AY	VK4BUI	K0JDD	N8URE
W7UV	YO6BHN	VU2OT	K1HC	N9MKC
W8EH	ZS2ACP	W0ZX	K1JX	ND0B
WA8KNE		W2FDJ	K1PTF	NE3K
WC9C	101	W2GHD	K2UF	NX6D
YB1ALL	AA9D	W3RMS	K2UT	OM2AGN
ZL1IM	AB2NI	W3SW	K3NO	OR4K
	AB4EJ	W4PM	K3RRR	OZ1GCT
102	AB8YZ	W6OU	K3WSU	OZ9GA
4X1VF	C31MF	WB5KSD	K4GM	PY5VC
5H8HZ	DD9WG	WM5H	K4KYN	R2AB
5W1SA	DL3XAC	WU6K	K4QS	UR8IDX
AC0XY	EA4UV	WX7B	K4RSA	VA2EU
DB2WD	EA8TZ	YB8HZ	K5LLA	VE1JF
DL4FDM	G3VDB	YO2OXD	K5MMH	VE3KKB
IC8SQS	G4GEE		K5PSN	VR2PX
IZ7QSS	G4PUQ	100	K5VSD	VU2OY
JH1IHG	HB9PUE	2E0XAR	K5YE	W0RMS
K1MDA	IK2HLM	9M8DEN	K7VL	W2MW
K2DH	JA1KZP	A41ZZ	K9EA	W4CG
K2DW	JA1QEY	A71EM	KA2F	W4DFU
K4HR	JA5ALE	AA7UN	KA4H	W4YR
K6BLG	JA5JUG	AC0DH	KB4DSL	W5YKU
K6JAV	JK3NSD	AD4J	KB6IGK	W6OZI
KA1CTL	K0GEO	AE4VJ	KC5N	W9KM
KA8HDE	K3AXB	AF9W	KD1DT	W9ZT
KB1AWM	K3LA	AK1P	KE1IU	WA2ALY
KO3F	K5HX	AK4AO	KE8NOA	WA2VJL
N2CJN	K8PGJ	DB6VH	KF5MDZ	WA3UTC
N2FY	K9GL	DC1TK	KF5TL	WA3YZD
N4IR	KB5YN	DK1MCS	KF9EX	WB0RXQ
N8KOJ	KC3OPI	DK7GH	KG4IYS	WB2ZEX
NA4D	KC4ZA	DL3ANK	KI0G	WB6RAB
NN5O	KD2RUY	DL5JH	KI3O	WB6RJH
R9GM	KE9UA	DS4GQR	KI4PG	WD1M
S51MA	KJ5RC	EA5PS	KK6MF	WD4GZW
SM0XG	KU4A	EI2HZB	KL2R	WI0E
US8ZAL	LA3ANA	EI4DQ	KL7XO	WK7W
VK2GR	M0PTZ	EI4GJB	KR4Q	WM4D
W1GF	M5LRO	EW4A	LA4EI	WM9Q
W1MRH	N3CAL	F5JWH	M1EMC	WU1T
W4GHW	N4PF	G0GFC	N0JX	YB6LAY
W7FS	NC8I	G8GFF	N0KM	YE1AR
W7HJ	NJ2X	G8GNI	N0VTZ	ZS6CR
W7IMU	NZ1I	GW0KRL	N1KI	
W9GWP	OZ5JQ	HB9HFM	N3NVA	
WB4PWZ	PA3AIN	IK7NXU	N4GOA	
WB7QBS	R2ARR	JA7PKV	N5CR	
WD6T	RZ6MJ	JE7KCI	N5LJL	
WD9IOK	SV2BXA	JG3LDD	N5LKE	
WN9A	SV4FFL	JG5VFK	N7WFK	