

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

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

348 K2TQC SP5EWY	K5UR KF2O N6AR	W1DIG W7UT	OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF 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 JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
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	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD	333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA2KVD JA6BZI K6YRA N4AH PY2BW PY2SP	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY			

PY5EG PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW	328 AA5AU DL7MAE IZ5EKV JA1SJV JH2FXK JI2KXK K4QL RU3FM SL0ZG SP9DWT W1ECT W2IRT W5FKX	325 EU7A HB9DHK I5NPH IZ0AEG JA2FJP JA5WIZ JF1PUW JF7XKY JH8RZJ JR3GWZ JS2LHI K9EU K9IR OE2LCM ON4IQ R5AJ SM4EMO SM6CCO SM6CMU SP1S SV8CS W1RM W3LL W6RLL W9OP	JL1RUC KF0QR N5TY* N8RR NY0V OH2BLD SM6DHF UA3AB UT9FJ W7AO	OE6MDF OE8RT SM6DHU SP7VC SV1FJA UT7UJ W4FC W8GC
330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JH1GZE JI4POR K3WC K4CN K4ZYU K9CT N4JF N8JV N9IW NR1R OK1MP* RA3CQ SP7GAQ W3NO W4UM	327 AB4IQ CT1APE CT1IUA DK5WL DL2OE EA1YO EA5BM I4EWH JE2LUN JH0INP JH1TWT JI8DGO K0DEQ KW9A N2BJ N6JV PY2YP RZ3AM SM2GCQ SM5CZQ SP6M SV1RK YO9HP	324 DK9KX DL5DSM FK8CP G0DQS G4CCZ I0WDX IK5PWQ JA2BDR JA2DPC JJ3PRT JR2LJO JR3OEH K5KC K9YY N1NK N4II N8BM* OE8HIK R3OK RV3LO VE2TZT W8OI W9OL WB4TDH	322 CT1BH EA2IA F5PAC IK4GME IK8YTA JA4FKX JJ2LPV K2UO K6FG K7NN KA9CFD KU0A N4DW N4NX OE1WEU OH1LEU ON4CD PA3EWP R7DX SM5KNV UA4CC VE1DX W5CIA W5TCX WI8A	320 AA8CH CT4NH DM5EE G0BLB I2EOW JA3PIS JO7WXN K1LD K4EM UY5ZZ VE3EXY W3KX W5WT W6XA YV1DIG
329 GM3POI IT9DAA IV3JVJ JA2JW JA7KY JA7MSQ K0EU K1HTV N5AW NI0G NO8D OZ1CTK R4GM SP6CIK SP8NR W5XX WA1JMP	326 EA5BY JA9APS JE1SYN JF1WPB JF3KON K5EK K8PT LU2NI N3NT N7RT NK1K OZ1AXG SP5DIR W8DCH WP4U	323 EA3GP GM0GAV JF1KKV	321 AA4V* AD1C G3TXF HB9BIN IK2YCW JA0GJJ JA1XEC JA3AZD JH1IFS JH3CUL JH3VNC JH4ADV K2VV KV7K KX4R LA7HJA N4PQX N5XZ	319 DJ4AX DK1FW EA8AKN HB0CC IK4DRR JA9TWN JI1DHY JR7VHZ K5MC K6AM N4DB N4QS NE1B ON4AOI UA3AP YO3APJ
				318 A45XR AA4HP DL6KR G4PWA JA1ANR JA2JNA JA4EPE JH4JNG K2TE K4IQJ K5BG K5DU

LA2PA PY5EW R3VA RA7A RW3RN SP1MGM VE3LYC	JA8RJE JA9CWJ JN3SAC JR2BJE K8NVR N5OK NN4R OE3EVA ON4IZ PY2NQ SM3VAC SV2DGH WA7NB	JR1BLX JS3CTQ K4SO K6KLY K9US LA7JO LB8DC N2NL N4TL N8KOL SP3CGK W9RN ZS6EZ	LA9AJA NS6C RA0FF RL9F SM2OAN SP6HEQ W0YG W4BP ZS1LS	307 A65BR DK2JX F2JD HB9TKS I5HOR JA2XW JA3GN JA6WJL JJ3HGJ K2SHZ K9RX LU8EKC NI6T W7DO W7OM W9JA WA5VGI
317 AB9V DJ5FI DK2NG DL5WW HB9HFN JA2IVK K2RW K6YUI K9MM KE9L UX1UA W6VX WD0DAN WX4G	314 AC4G CT1DKS DL6CNG EA1N EA6VQ G3NDC HA1RB IZ8FFA JA2AH JA2ZL JR4OZR JR9LKE K2LS K5AQ KB0EO LA7AFA MD0CCE OE1AZS OE1ZL SM4DDE SV1DPI SV1JG UA6MF UX0FF WB0TEV WB8BPU	312 AA5AM F3SG JA1SYY JA1VSL JA1XCZ JH1AGU JH1QAX JR6FC K1HT K3RA N1IBM N5ORT RU3QR SV1CNS UT2UB W7CT W8HW	309 JA1EOD K1AR K2UU K8QM K9ZO NN4SS NU8Z R9TO RU3DX RX3AGD UA4LY W2JU	306 9K2OD DL1KUR DL5EBE HB9DDZ I1EIS IK4PLW JA2VQF JE2LPC JR2UBS K5WAF KD3CQ OE5RLM R8TX R9FM UN7JX US5WE W5AJ W5XC WE9R ZL3JT
316 DF2UU G0OIL IK2QPR IW1ARB JA5XAE JA8EAT K1BD K3WA K4HB K8YTO KG8P KQ8M N5DG SP1JRF UA3DPM W1GL W7MO W9ILY WA2VYA YB5QZ YO7LCB YS1RR YU3AA	313 5B4MF CT1GFK I3BUI IZ2AMW IZ8FWN JA1GRM JA5IU JA6VQA JA7JWF JA7QVI JF2UPM JG3LGD JH1NYM JR1BAS	311 CT1FMX IK0PEA JA2XYO JA4MRL KM4H OE3SGU OZ4O PY2XU UR0MC WB9CIF WD9DZV	308 DL2CHN F4BKV HK4SAN IU7QBB JA1IZZ JA2WYN JA7IC JA9GPG JE2EHP JG4AKL JH1SJN K0GY K0KVR K8OM K9MK KI0KB KN5O KS1J N8TR NQ1K R7NW SP9JZU UR5EDX VA5DX VU2NKS W1YM W2QO W5ADD W6ENZ W9MU WA8WV	305 AJ6T DJ4XA JA1IOA JA1WSK JA7BWT JE6TSP JH7RXU K0JUH K3XA K9NW KG4W N9AU* PA5TT RA9CMO SM3NXS
315 9H1SP AA5AT AB3CV AB6QM G3VKW HK3W IZ1LBG		310 HB9SLO JA0CRI JF8QNF JG3FEA K0KX K5XI K6RO K8AC K8FL KC7V		

YB1UUN	CU2AP	DL7BA	K0TPP	292
304	HB9BOI	G5LP	K1GG	DL5CW
DJ9ON	HP2AT	IW0HQE	K4XD	E72A
DK5AD	JA0DIN	JA4ITW	K5VIP	EA5AT
HB9CEX	JA1LSP	JA5BEN	K5ZK	G8DX
JA2NDQ	JA1SVP	JL2JVX	N7TY	HB9BAT
JA9FAI	JE1LFX	JR7WFC	NA5C	IZ0RVI
JE1DXC	JG8FWH	K2PK	RM0F	IZ3ETU
K8GI	JK1GOK	K8EUR	SM5FUG	IZ8VYU
N7US	K4SE	N4RWG	SP8HKT	JA3ENN
N9RS	LA5LJA	ND0N	SV1GYG	K5DHY
UY5AA	MM0EAX	PY2VA	W5LT	K7ZD
	RN3QN	ZL1BYZ	W6XK	LU4FPZ
	WB5JID		W7AL	N8II
303		297		R6AF
E72U	300	E73Y	294	SP5IWA
EA3GHZ	AC0A	JA3RQ	AI9L	W4VIC
G3LZQ	DL1TRK	JE7JDL	AJ9C	W6SR
HB9DDO	DL4CF	JG0CQK	EA6NB	
HL3IUA	EA1AF	K6ND	HA5VZ	291
HL4CJG	EI2GLB	K8WK	HA9PP	4Z4DX
IK2RPE	IZ5RVG	KG7H	JA1XPQ	EA6ET
IK4ADE	JA2ATE	KT1J	JA5SUD	G0EHO
JK1EXO	JA9AA	W6YI	JE1GWO	IT9CVO
K7WP	K8GG		JJ1DWT	JH1BAM
K7ZA	K8TL	296	JR1DUP	JJ1TKN
KB1JZU	K8VFF	AA4R	K3FRK	K0KT
LA3WAA	PA3CSR	AA8OY	K7ZV	K4ZO
RL3FA	VU2PTT	AD6W	KD0Q	KP2A
RW4NN	W3OA	CT1DOF	KZ4V	LA5HE
SM6CUK	W3RJW	EV1R	N0KV	N2TN
SP2BMX	W6TC	GM0AXY	OE5BWN	N7RO
SP3IBS	W9AJ	IV3YYK	RU6L	PY2KP
SP7HOV	WA9PIE	JA1JAT	SV3DCX	VE3CFK
SP7ITB		K3PA	W3JX	W7BEM
SV2AEL	299	K6FW	YO2CMI	W8TN
W1SKU	4X6ZK	K8VC		W9FR
WT8C	DM2DXA	LA8PT	293	ZL4TT
	EW2A	N0RB	DL1HRN	ZS2DL
302	HB9CQK	RA3QK	DL1SMA	
DJ5JH	HB9RG	SM6BZV	EA3WD	290
F5CQ	IK5RUN	SV9COL	G4GIR	AA4A
G3SVD	IZ4MJP	UA6YW	IK0HFO	DS1JFY
HL2IFR	JA7LGE	W2GG	IW1QN	I4KDJ
JE8CLT	K6SIK	YO2RR	JA2CXF	JA1KQX
K4MS	K9SM		JA3EOP	JA1QXC
OH8LXT	KB8VAO	295	JH0BQX	JF1NZW
PY7DJ	N9FN	DL1DUO	JK1TCV	JH3GCN
R5DT	UA9FAR	EC3A	K4JAF	KD0PO
RK4FD	UN6T	IW0SAF	N2LM	LA2QM
W0VX	VE3BW	JA1BPA	N7IR	LU3CQ
W4QN	WA3AFS	JA1FQI	PY2IQ	PP1CZ
W5VY	XE2CQ	JE2DZC	S55DX	SK3PY
WD4LBR		JH4ALY	W7ZJ	SV3AQR
	298	JM1FHL	WA4FFW	UN7LZ
301	5B4AHJ	JN1RQV		UN7TW
AE5E	CT1FCX	K0BBC		W1EQ

W2LK WB9EEE	CT3HF DL2VPO HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN JH1BNC K1LPS K1RO K5PS N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI W9MJ	W2AY W4FQT W5ODD W8BBQ	K4WNW PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX	W3BW W8RLS
289 DL9TJ JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX		283 DF2GH JA1RTX JL1XMN K3WW KJ6P N6TA OE8SPW W1LW W6BJH WT4Q		276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1YRC W1ZT W2OIB W5GO
288 CT3MD HB9RYZ JA2JRG K1DG LZ2JE N4LR N5LZ N6UK ON6AA UA3AGW W1YIF W2LE W2NO W3FOX ZS1A ZS2EZ	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU JN1BMX JR8AMF K1USA K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	282 K1DT K5UO K8ROX PC3T RD3AW SM4CTI UA0BA W4OX W9HBH WA3C WN6W XE1KK	279 JA2XCR JA8DNV JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV OH1JP OH1ZK SM0NJO VE3DZ W4UCK WB2BIN WO7R	
287 9M6YBG AA8LL AA8R IV3GOW JA9NLE JE2OVG K0AZ K5RT LA3MHA N3VA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR IZ3ENH JA0DET JA8CJY JG3SKK JH3SIF OE2GEN OH4UI SM0CCM SM6CTQ W1OPD	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 N7KA ON5UE PA7RA WA0RVK
286 AB5A		280 CT1EAV GM3PPE JA3XNH JA6TMU JH1HHC JN7DOS JR6LLN JR7FRW K0TT	277 EU1KY F5PBM F5UJK IZ4DPV JA8EOT JH3KAI JK1UNZ K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM W1KSZ W2PP	274 EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F NA5DX RA5BM SV9AHZ UA3ECJ W7MEM
				273 7M4AOE CT1BWU

DH2PC	XE1MEX	SM5BMB	263	ZS6WB
JA1KPH		W6RS	DK4TP	
JA2TBS	270		EA3CJ	260
JA6BEE	7K1PTT	266	EA4DL	AA9A
JM2RUV	AA4FL	EI8IU	HA7UW	EA8MT
K4RG	BA4MY	IK0UTM	JA7XBG	EA9IE
KA1ERL	DK8MCT	IW7DVM	K1KO	EC1AIJ
KI5BLU	EA1KY	JA3BXF	K4KAY	F6HLC
LB2TB	F9XL	K8AJS	K8FH	FG5FR
N4IG	K0BJ	NU1B	K9FN	JA2FBC
N4JQQ	K7UA	PZ5RA	KN6KI	JA3VPA
OZ1ACB	K9JF	RA4CA	N1RR	JA3WLN
OZ4VW	N4QQ	SV1HEP	N7BT	JH3FUK
RW7M	OE3HWC	VE3YF	NA5Q	JH4ADK
W4HG	PU2POP	W0FLS	NF1G	JJ2WOC
W8QZA/QRP	VE6LB	W7YAQ	SM7IUN	K1ESE
WA0MHJ		W8MET	W0GG	K8YSE
	269	WB2GAI	W2XI	LY1G
272	HB9IQB	WB3LHD	WA4LOX	N1SV
AF9H	IK7FPV		ZS6NJ	N6MZ
DS5ACV	IK8EPC	265		NT5V
I5OYY	JA1OVF	4F2KWT	262	SK7AX
IK5PWN	JA1VLK	G3WPH	CU3EJ	SP6A
JF1LMB	JA4VLK	JA1VRU	I5REA	TG9NX
JH1OBS	JA6GPR	JA4FM	JA8BAR	WS9V
K1UU	JH3FHQ	JH1ACA	K8AV	WV8DX
K6IPM	JP1NWZ	JR1WCT	LA6UL	
K7EG	K6EME	K2CBI	LA9FFA	259
K8BL	N6RV	K2SN	N3RC	CT3KN
K9MBQ	NW7E	N5KM	N8OC	DJ8NT
KB1EFS	OM4EX	N9JV	NK4L	EA3EQT
KI4GE	SM5FWW	SP6JIU	NX0I	EW1BA
N2DPF	YB1AR	VE3SKX	W5ZG	JA8BNP
N6PSE		W5DM	W6NWS	JE2RDO
NV9L	268		W7LGG	K2UFM
OE5FIN	HB9BUN	264	W7QDM	NI3P
PA0ZH	JA1IAZ	4Z1UF	W9PZT	PY5CC
SV1ACK	JA1NWD	EA1KP	WA3GFM	SV1FKZ
W2OO	JH4HMG	F6DBX	WB8ART	W1KDA
W3ACO	K2KA	HB9DHG	WQ6Q	W7AH
W3AP	K6BV	IK4AUY	YB2DX	
WA1S	KD4W	IZ0NRG		258
WL7E	N2AJ	JA7HRM	261	CU3EQ
	N5JB	JR4LNG	7K1CPT	DK7YY
271	SM6BGG	K0DD	DK3PZ	HL3AMO
4X1RU	W2FV	K1CA	G3UAS	JA9AGN
HL4GAV	W9OO	K8RRT	IZ8IEV	JR3UIC
IK2DZN	WA1YTW	N1EN	JA3FHL	KH2L
IZ8EJB		N1GC	K2FW	SA0AQT
JH1OCC	267	PA7TWO	K7LJ	US0YA
JM1HJG	DL4DW	SV1CQN	KM1D	W1SSN
K3PU	IV3VBM	VE6AX	LA5SJA	W5JAY
LA9GX	JA2QXP	W5PF	N9UA	W9EWZ
N4UOZ	JA7BEW	W6TMD	OM8FR	ZL2IFB
NN4X	JA8UIV	WV4TN	SM7CQY	
UA3TT	K5VWW		W0JM	257
W1MK	K7XB		WA5LFD	AF4HX

DJ0UT	JJ1BMB	JA5BGA	WB8K	OE3KLU
DL9FCY	K0GW	JE1VTZ	XE2D	S55ZZ
EA1JO	K3SEW	K4VIG		YB0NFL
EA7SG	K1IU	K8CW	248	
EB3CW	LA5YJ	KG9Z	AK5X	244
IK2PZC	NE8P	KJ7TEA	DS5DNO	G4FKA
JA6OXT	UA3O	KM6HB	EA4DEI	IK8UHA
K1SM		N4SC	G3VPW	JA1CZI
N1API	253	N5UL	HB9DOT	J16IHG
N6HC	AC9O	NV4B	HL2KV	JN1NBU
PY2MC	FG4NO	W2JLK	JA1PBV	K0KG
RU1AB	JA6IVR	W2TB	JE2VLG	K1YR
SV1VS	JA8XQI	W3ABT	JJ1SKG	KK1W
W3FI	JH2PWY	W4SK	KF9UG	W0QQ
W8MJ	K1FEV	W5GAI	N4QWZ	W4REX
	K6MKF	W8OP	N4XP	W5PJR
256	K8DV		N6KZ	W9FI
BH4QYX	KE1F	250	SV1IW	WA2USA
EC1A	N7XR	6K5YIA	W8IW	WA3F
FG8OJ	UA0FO	EA1RT		WA8MCD
GU0SUP	W6RW	HA7TM	247	
IK4HPU	W8GNM	HB9EFK	AA7G	243
JA0KJE	WF4U	JH6PFY	CT1FUH	DS5TOS
JF2VAX	YB0COU	JL1MWI	K1PL	EI2HY
JH1RGG		JR0EQQ	K3VAT	G4XRV
K4JJW	252	JR5JAQ	KH6M	HB9EBM
K6EID	DL7UPN	K1KA	N7DED	JA2EPW
M0TTB	F1ICS	K9YC	NA9RB	JS6TWW
VK3NX	G3KWK	K9ZM	PY5IP	K8ME
W6DE	G3NKC	KQ3F	S51NM	W1BR
W8JRK	JA1BNW	OH2IS	W7IB	W4PNY
WB7B	JA4HAW	PA0JSE	W9JJB	WX2U
WV9L	JE1HRC	PY2FN	WS5W	
	JF3PNQ	W7HPW		242
255	JF6XQJ	W7IU	246	EI9FVB
AI6Z	JH4CBM	YL2KF	GW4TSG	JA4ZA
EA5RD	JL1BYZ		HL2EIZ	JH1ERJ
F6ECI	JR1VAY	249	IV3KFB	JH1WJR
HC1BI	K1EFI	AF5CC	JK1WSH	JK1VXE
HI8R	K5FZ	HL2CFY	JR7GBL	JR1MLU
HL3DE	KB9DAK	IZ8GGF	K3EA	K3NQ
IV3TMM	N6PM	JA8FFM	KB6CIO	K3WWT
JK1OPL	OH7TV	JH1APK	W1KMA	K4PB
KR4F	W2GW	JH8GEU	W3ICM	K7FEL
N1RK	W2ZI	JJ1QUV	W5ZO	KJ7M
N5BO	W7CA	K9NR		N2NS
VR2XMT	WA4CEM	KF7F	245	N6HY
VU2CPL	WA4JQS	N0RN	AJ8MH	NF4A
W2/CT1GIF	WV6E	N3KN	G3KMQ	PA3BWD
		NH6T/W4	HB9JOE	RC2A
254	251	OZ5NJ	JA3QOS	VK3BDX
BA7IO	9A4W	SM4OLL	JJ6DGP	W8CZN
CT1BWW	DL2RTL	UN3GX	K5IB	WC3W
IZ5YHD	HA5PT	VE3YV	KF7PG	
JF2WXS	JA1DDZ	W0RX	N0AH	241
JH1VUO	JA1EMQ	W8IQ	N2NW	AB5C
JH2VVH	JA1SKE	W9RC	NZ3O	G8AJM

IS0AFM JH1UBK JP1IOF K1XV K7KB KV1E N4OA N9SF W5DNT W5QM WB8CQV	M0CSD N4PJ N5ZC VU2CDP W3MR W4KA WA4QMQ WB0TVY ZL4AS 237 CT1BOY G0VXE HB9CXZ JH1DGQ JR0QFA K1RV K2NV LB5WB SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL YO3JF 236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX 235 EA7QW EU1U JE1IBI K0EEO K0VSH K4YJ	K5CWR K8ZM N2FF N4IQ NA5Z NJ7G NW4M TA1CM W2DXE W7YW 234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA JK1BSM JR4LZX K0VM K4JC K4MF K6ZZ KE5FXE KE8UM KX2A ND4V SV8CKM W3WST W9MO WA5UA 233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB KK9H N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S	232 AC9EM EW4C G3XLF HB9DVO HL2ZN JH0OXS JH3GFA JH6DUL JR3VMJ K4ST K5FNQ KB1DMX N9PGG NY2NY RQ3A SV8DOU W6CYX W9ZCL 231 AD5WB DK6OR IK1IYU JA1MZL JH0AWC K2RU KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH 230 G3LUW JA5NPV JA6AVT JE2EBT JH7WQX JI1VVB K2SY N4TOL W2KA W8FIB W8WVM W9YE WB2NPY 229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO	JA7QQQ K0HD K3FM K4CMS KD1F KI4DLS N3PS N4NW NE6I UR5FEO W1WC YB1TJ 228 7J1ADJ AA0MZ EA5B F1RAF F5LIW JA1OVD JF1RYU JF1WLK K4KGG KE0A KE4UW RA3QUA UN9L VR2CH 227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5RF W5SL WA9GON 226 DM2RM I0OSI JH1IED K2BA K2HAT K2SD KK0DX KK4OK N2KX N2SQW
---	--	--	--	---

N5ET	EA7DUD	K6MM	CX2CC	AG3V
N6BM	HB9HBZ	K7AWB	DJ3XG	DK3UA
N9AOL	I8MTQ	K9WX	EA2AFV	HB9HIT
NG7M	IK2RZP	KV4T	I1YDT	IT9ODQ
VE7TK	IZ8MBW	KZ9DX	IT9AAI	IV3FFI
VK4CAG	K0NV	ON4ATW	K7LV	JA0LFV
W7HR	K6IPV	SM0DSF	KK4OW	JA1FVS
W9DX	KI6CG	UR4IOR	KR4W	JG1JPE
WB0O	KW4V	W5THT	KX4TT	JG3RWX
	N4ENE	XE2X	LB6KC	JR1EFG
225	NY1V		NC4RB	K5ALQ
DK5RL	W8LMG	219	PS8ACL	N6PEQ
DS4AOW	WC4H	F5JSD	W0SR	N8GP
EU1M		HB9BNQ	W5VQ	NA2M*
G3SBP	222	HL5BMX	WB3D	VK3FM
JA0EVI	AK5Q	IK5QPS	WS1L	W1LE
JA4CZM	DJ9SO	JA1FJJ		W3BJ
JF1MTV	DL5XL	K5JZ	215	
JH8NQV	E77S	KD2T	9H1EJ	212
JL3OUW	IZ7AUH	KE6V	AA7XT	G4ZOY
K0IL	JM1VRW	KG6I	AA8SW	JA1BWA
K0OK	K2AT	KI7AO	DS4GKF	JA3LDH
K1JIU	KB5UNX	KR2Q	HB9IIO	JJ2KDZ
K3SF	KS4YT	KR6C	I5XFD	JR2PZX
K4JWA	KU8X	N1KC	IZ0BVU	N4FN
K5YU	RA4P	N6DX	JR0AMD	SM5AOG
MU0FAL	VE7BV	W5GA	JT1BV	SM7GIB
N0ODK		W6GRV	KF4NEF	VK5GR
NA2AA	221	WA3I	KO6KD	W5DAW
W5GZ	EA2AAZ	WW8W	N8NN	WW2DX
W5LO	IZ1JLG		RN9N	WY1G
W5TFW	JI1NJC	218	W0FG	YL2TW
W8UV	K4CGY	DL2NOM	W0TT	
W9KVR	K4MV	DL4NBE	W1JGS	211
WE1P	K5DV	G4VMX	W4IS	JE2KSM
YO9FNP	K5ZQ	I7PXV	W6SL	JJ1JMZ
	KU4XO	KE3D	WA6HBR	JJ1KZZ
224	KV4AA	N4JT	ZL2AL	JO4JDU
JA8NFV	N9JR	SM7WVZ	ZS2Y	JR1JGA
JH1OGT	RU0SN	TZ4AM		K3SX
JO1LVZ	W0BM	WA2NPD	214	KT2C
K1CBK	WA0WWW		3A2MW	N1BY
K2TER	WB0N	217	DJ3AS	VR2XLN
K5CD	WC2K	IK0CHU	F4GVO	W6UC
KZ5DX		JA2NNF	HB9VAB	W6WF
N3RW	220	JA7ZP	JA7DPC	
N7WO	AA6RR	JG5RVQ	K0QQ	210
RW4CY	DL4LAM	K1RH	K2AZ	AA4LR
SM7BHH	EA5DFV	KK2M	N9KW	CU3AN
SP6AXW	JP1GUW	KU4BP	PY2RO	JA7FAS
V51B	K1DJ	N6QI	SP7ICE	JH6RTO
W7NN	K1NJ	OZ0J	W0KCJ	KD4SN
WN6K	K1NTR	W0TM	W4WN	KD8RQE
	K1TZQ	YO3IPR	WB6BFG	LU4FW
223	K4EU			N8BK
AB4UF	K4MIJ	216	213	PY2WC
AF2C	K5MT	AC4VM	9A1AD	S54A

W5WP
W7FP
W9IL
WA9BZW
WK8A
YB0DJ

209

JH8UQJ
K0LB
KB2FCV
KB4MRX
K08SCA
N4TD
N9XX
ND3L
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

7N3IJT
DL4FAP
HP2NG
JH0NOS
K0THN
K4WES
K5RJ
K9SG
KC2SST
N6ZN
N7WS
NU1O
NW6S
W1FA
W5FPT
WA6G
ZS1J*

207

9K2BM
DG5LAC
JA7MAD
K6ZP
KE1VT
M0HIH
M0IKW
N9AKR
NW7US
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA

W1AW
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206

AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JF1IRW
JH1FVE
K8NK
KK5OQ
KK9T
KW4CQ
LA6OP
N8BJQ
W7IUO
WA3WZR

205

AC9S
DL6UNF
GM0VRP
IK0WRB
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL
K5VR
KT4AC
KW1DX
N2KI
N2ZA
OH3OJ
WA4MME
WI7P
XE1J*

204

JL1GYZ
KB5HC
KK8MM
KM9E
N7ELL
VU2IBI
W4GP
W7IV
WB8BZK
XE1L

203

7L2QAD
DF3EC
F5NBX
IK2RGT
IZ0BTV
JA0CIU
JA7JPZ
JH8NB
K0CS
K1VI
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KL7TC
KM7R
N4TV
N6PAT
W1DYJ
W3BNN
WA3FRP

202

BV1EK
DL8DWL
IK5BOH/2
JR1IZM
N8WD
NN9X
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

GI4OWA
IZ0GYP
K0MFI
K2CYS
N4PYI
OH2LHE
RT5A
W1OP
W6AEA

200

HB9AGO
HB9FBG
IZ5FSA
IZ8EKL
JA3EY
K1ZJA
KC6JAM
KM4VI

N1IA
PY3VB
VK6LC
ZS1DX

199

AA3TH
AC0X
AD4AA
HI3T
JH0RVY
JI1WLL
JM1SZY
JR7ILA
K4SX
K4VNY
KI4WCQ
MU0GSY
N2RR
PB9FN
V51YJ
W6JZ
W9LN
W9RXJ
WB4YDL

198

AG7N
DJ0MCH
IV3BSF
JA6ENL
JM1ESG
K7PT
KA1J
KZ1W
N3ND
NN5E
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
IV3AVQ
JA2MNB
K6TAR
K8SIA
KD1AB
W4DAO
W4HZ
WQ5R
XE1H

196

CT3CD
DF2UA
G1VDP
HB9ESS
I7LGM
I8YAV
JA1XRA
N2GZ
N3QE
N4HN
NA9A
SP3F
SP5MXZ
W2CQ
W5AAJ
W6HYI
WB5NHL

195

CT1ELF
K3NF
K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
PP7LL
SQ7FPH
VE3YXO
W3ML
W3SB

194

A65BD
EA5ZR
K1LT
KP3AH
KR8T
NJ3K
SP6EY
VU2LBW
W4DC
W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
I4UUL
IZ5MOQ
JA0AXV

JA1QIW	HL4CCM	F4WDL	LA7EIA	JR3ADB
JA3PRM	JA2ITK	IK8GJR	NA2U	K4WZ
KM1C	JA3AVO	KM4NS	WF8R	KB7AK
LZ2ZG	JH8KFE	N6VNI	YB2TS	KE5TD
NU4B	JI2UDK	W2CG		KJ6NZ
PY8WW	K7UT	W5ZE	182	KZ2R
SM5ELV	K8ZT/QRP	XE1YD	AE4M	N3KV
SP5IXS	KD0AA		I5FLN	SP5ELW
W8NN	N3AIU	186	I8LWL	W0UC
WA9DU	N6MXU	K1BZ	JA6SQR	W0ZS
WB6CJT	OT1A	K5EWS	JI1CQA	W1HS
	SM0BYD	K5QX	JK1DDG	W4CCS
192	VA3OKG	K6EGF	K5DCW	W4TUN
F6FYD	W2OR	KC6X	K7LAZ	W8QXR
IZ7GIT	W9ROG	N5QS	KG4JSZ	WC0W
K1JD	WA8LRW	W8RV	KL0S	
K6XN	WB4GLI	WA5IPS	KS0JD	178
KJ4UZU		WZ4RC	LA5LT	AA8KY
KJ4YLO	189		N4MIK	EA8AXT
N4XYZ	AA4UC	185	N8NA	G4DDL
NC2Y	I0LYO	JK7LXU	N8NB	IW0BYL
UR3EO	IV3KCB	K0KP	NZ5O	JA1ERB
VA2IG	JA1SGU	K3PP	VU3CAU	K1ZE
WQ5T	JG1SWM	K9AQ	W6SFK	K3VAR
YB1TQL	K3HW	KE5BR	W7WZ	KL7TS
	K5RKS	KQ4EE		KU1T
191	K5TN	OZ3SM	181	N4ST
AA4NC	K6UXO	UN7BK	EI3CTB	N5FEE
G4XEE	KY5I	VA7ZT	IZ4AIB	N6DHZ
HA5CW	N2MEE	W0QC	KY6R	OZ1HPS
IT9IPQ	N6NU	W2WG	N1HO	TF3JB
JH1FNU	ON6KE	W6RKC	N6VS	W7HUY
JK1AJX	RM3DA	WV2I	N8AYY	WB6AXD
JP1LRT	RN3CT		NM1G	
K1RI	SM4BZH	184	NV4A	177
K3DFL	W4AEJ	AD6ZJ	UA9AEU	4X6UU
K8QKY	W5SUM	EA5RU	W6TK	IW8CGX
KF2OG	W6DPD	IK0HBN		IZ2EWR
N4DWK	YB4CHP	JA7FVA	180	JE4RAL
N7MQ		K3JM	A61BK	JF1LZQ
NK7C	188	NW7M	AA4AK	JG3KLF
NO0B	EA7AN	SM2EJE	DK1NAL	K0KV
OV5O	JA0GCI	UN7BY	JH1IZR	K2JL
OZ7DN	JH7NTW	UT7KF	K8SL	K2MK
VK2HV	K2AX	W6BK	N7VPN	K3OX
W5IP	K2DC	WB2HJV	NA5S	K8YE
W8UQ	N2ZZ	WB3BFC	VR2XYL	KF4VTT
WB4DNL	OZ9XU	WB5STU	W0MS	SM5CBM
WF1H	PY2RN	WX0Z	W4DSM	SP9IZV
W18R	W0PE	YB1RUS	WA6EZV	VK2AAH
	WV4V			W0IKD
190	YO2DFA	183	179	W0JW
AA4U		IU0ICA	DL5MHQ	W1AO
DJ9KV	187	JA2KSP	IK1ZNM	W4KVS
EC7B	4X6KJ	JA3UNA	JA3EEM	WD8KND
F4DSE	AF6PK	JE4CIL	JH1XFR	
G3WW	EA5HM	K6LRN	JK1JAS	

176 AD0K DL6NW F4FLF G4AYU JH8FIH JR1FHP KK7YC KT8D KW9U LA4JGA N1JP VE1VOX W4LEW W9WO WA3GNW WD4IXD	DM6MA HB9DVZ K6UNE K8JE KI6MQX LA9VBA N7HN N9DR N9IO NC7B NX2X SM0EUI W2PD W4DTA W7VAS WA7BNG WY7FD	JA1GVT JG1GJH JG1RYQ JK1BIB JQ1PCX JQ1YIW K6JJ K7CU LA2GH LB7ZG N3WD N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ N9ATF PT2ADM PY2SEX WA0SXV WA5NFC	N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS WB2WPM WB9PNU WC4X
175 AG5CN EA6UE IU8IYE IW1PUR IZ0CKJ JE3PCP K1ROA KD4POJ KF6HI KN7D N7NG NS3L UA1OM UA9AGX	172 EI1DG JA1BON K5TA KM4HQE LZ1XL N3AO N5PA N7GCO SP5ES W1ASB W2NY YB4IR	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N4MI N5MT N6MB RD3BD SV1IZY W6FL WA6QGH WB8EKG	166 AL7R DL1SVA GM7NZI HL4XM JA1PVX JG3KMT JR6GHN K0FLY K7CTV KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY N2XQM N7WI NA2P OH3PYY PT7DX S50B SP7QHR W6SIY W9CSX
174 AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K7STO K9HQM K9UQN N7NW NG9J TF3VS W5JMW W5WI WA4BIM WA4NUF WB8QZM	171 AA5N AD3C CT2GZE DL5MM F9CI JJ1BDX JS6QOM K2TV K4NTO K4WY KB0V KC5LK KP4DKE N8WRL NA6O ON6MX W0MU WA4DOU WA5KBH	168 A92IO AB4GE EW1P JA0PZJ JE4KCN JH1ORA JH3EQP K0PC K0PX K0RAR KF0RQ LU8ADX LX1CW OE1ALW R4FAN SV1XV VR2MY WA9IVH	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JF1KML JR1KBJ JR6LDE K3VPZ KG4CUY KG5NP LA2XPA	163 4O3A AA4OC AD5MD AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO R3IS
173 AB6CF AI9U	170 DL2JIM EI5KO EI6AL			

SM7CZL	NI5F	157	OE1HHB	IK5BSC
VA2LC	W1TO	AB2E	UT7EC	K2EK
VU2MSA	W9FF	E20YLM	W5SV	K4RDU
W1OK	YO8CRU	EI2JD	YB1AYO	KD2OV
W1XV	ZS6RJ	GM4KHE		KE9S
W4PGM		JA0NZR	154	N8IK
W8MIL	159	JA1UBZ	AC8TO	N9GKE
WB9B	AA3AZ	JA3MHA	AJ8B	ON4LG
XE2YWH	CT1ESO	JE3OUW	DS5WQT	R9JX
YO3DDZ	DD0VE	JG1XBM	IZ0FUW	W6RFF
	DK8IZ	K0SRL	JA0GZZ	W7JET
162	EA1P	KN7Y	JA1IHD	YV4DYJ
4F1OZ	IK0WMJ	N4QM	JA4HXF	
AB1J	JA0ED	N6VH	JA8ANQ	151
BH4IGO	JA4FKO	N7JB	JE6PJP	DF1IR
DJ7JC	JH1BHW	N9AZZ	JH1AQN	DL4KUG
DS3EXX	K0IO	N9MB	JM1JZN	J68HZ
EA2AGV	K1EDG	PY1NS	JR3QHJ	JA2BUR
HS8KAY	K4SAF	W3HKK	K5DXR	J13BFC
JR4CZM	K8EB		KC1ERO	K1QN
N4BAF	K9QJ	156	NE5W	K3GW
NP3CW	KC4HN	EA3HPX	W4CIR	K4DET
W4NBS	LA8ZAA	G4FTC	W5TMC	K7LAY
W8FN	N1MD	GM3WIL	W8TM	K9AAA
	N4GBK	HB9HHH	WA9MAG	KE4BKL
161	N4VG	HB9MXY	WN7J	KE8G
HL3ERJ	NE5S	JA1CCG		KK4CLY
JP7FSO	NF7D	JA2ODB	153	N7MB
K2OP	VA3NXM	JA9RT	HB9BEM	NU4I
K4AR	W1EBM	JH2AJY	JA3UOQ	SM0NUE
KM4A	WD5BJT	JL3DGI	JH2NWP	VA3EJN
N7QT	XE1MW	JM1LPN	JR7MAZ	VA3HP
N7VZ		K2HT	K0YL	W3HER
NA6XX	158	KA9OKH	K3GO	W5WLA
OK2ZDL	9J2BS	N5QZ	K4OY	W6WA
SM3PHM	G4SGX	N7RD	K8ROK	WA9JWL
W5BK	IK1UGX	W1MR	K9MMS	WC2C
W5RDW	IK3DVY		K9YZ	
W6DOE	IW0ECV	155	KF9LI	150
W9GG	JJ1KXB	5P5Q	KK4XL	DK3BK
	K4HQB	DK3QM	LA2IR	DK3FB
160	K8GWU	F6KOP	M0MCV	DL9SAD
E70T	KB2XJ	G0THF	N0VVV	IT9ABN
EA1WH	KC3AK	HB9GWJ	OH3FVP	IW7EDZ
JA1ITJ	KF7NN	IV3TDM	SP5NON	IZ2MHT
JA1UOA	KJ7NO	JA0EBV	W3DIY	JA7GZM
JF3VEC	N0SL	JA6SUY	W8OM	JR7XOD
JG2LGM	N4XMX	K2DF	W8VK	K5HK
JK1EBA	N6MM	K4EZY	WB4SON	K8WHA
JK1NPH	N8TFD	K4WM		K9RT
JR1CAD	OH3DP	KM2O	152	K9UWY
K7LY	W0JMP	M0IFT	AC6BW	KI7M
KC9K	W8LIG	N1QY	AK9B	KX5U
N0IW	WB2RAJ	NH6L	BX5AA	N6JOJ
N4MEC	WB9ZNZ	NK7Z	DF2WF	NM4SH
N5WA	WT2P	NO9E	DU1KT	ON6ZV
N8IL		NU1T	G4AFJ	SM0BSO

VU2NXM	147	W3DQS	141	N2SG
W3KB	AB9KZ	W7NP	7K3QPL	N7NF
W4IDX	EI7GY	WR7Q	9H1AE	N7UJJ
W4NE	G3VQO		EA1T	R9MJ
WL7OU	I4JEE	144	EI3ISB	TA1PB
ZS1C	IS0/YO3RA	AD0TR	HB9EXQ	ZL3TE
149	JJ0LZQ	DL6DCD	IZ3XEF	138
7N2JZT	JK1OTP	GM0VIT	K2JK	AC5AA
DS4DRE	K3GGN	K1TKL	K4RM	DL5KUT
ER0FEO	K5UZ	K7QBO	K5VG	DL5ZB
JA0JPD	K8MRT	K8OS	K8RCT	G0FWX
JN4FNZ	KB1HY	N5UE	K9AAN	JA0CVC
JS6SCC	KB9LIE	RN0C	KA5SYP	JA1VRY
K1IG	SV8RX	TF5B	KA5VFU	K2YSY
K2KIB	VE3FAC	UY2UZ	KE7BMG	K6CW
K2RET	W3NRJ	W0AIH*	KO4DKI	K9BO
K4TXJ	146	WB9W	NZ6N	KC9G
K9EXY	AE5B	WX3P	SV2JU	KF6A
KD4EE	EA4D	143	W1ITU	KL7NW
KM2E	HP3TA	AA4MM	W1NA	KU9S
KP4DS	JA3KWZ	AF3X	W3IZ	N0LD
N0STL	JE1COB	EI7JZ	W5GOL	N3PV
NE0U	K6NR	FM5DN	W6HDG	N5RN
NU4Y	K8ARY	HB9AAA	WK9U	N9BVA
NZ0O	K8POM	JA1MOD	140	OD5YA
RT0F	KB9AIT	JF2RSF	AD9DX	PV8ABC
TF3Y	KM8AM	K2OO	EI6JK	PY2OP
UA9MC	N6FS	K6LPO	K0UBR	V31CQ
W1DAR	N6RK	K9BQL	K4AU	VE3MSC
W4MA	N9MR*	KE4FW	K5GZR	W0UHL
WA1EHK	NJ1Q	KG6D	K6EV	W4DWS
WF7T	SM3DXC	KJ2U	K6GCN	W4EJG
148	TF4M	KJ4R	K7VC	WA1LAD
4F3BZ	WA2MUA	KN7K	K7YMG	WA5POK
A71AM	WA3SKQ	LB2TG	LA8PDA	137
AE0MO	WW8RT	N2YBB	LZ2HM	DL2RD
AI6P	XE2B	N4UP	N5JED	G3PSM
F5NNN	YB1BML	N7ZA	N7TW	HL1MKT
IW5EIJ	ZS6UT	TG9AJR	NS0D	JH1SBE
JF2AIJ	145	W4JVN	VE3NJC	K2CDJ
JR3PKO	5T5PA	W4UFO	W5VU	K2RKJ
K5LY	AA5TL	W7VS	W9BS	K6IRA
KA3GWD	AC7JM	WY0V	WB1ASL	KP4N
KB8ZUN	AL7TC	142	WW6G	N9NFT
LZ1MDU	DL1MEV	AA4DD	YB3MM	NI4Y
N0TK	EA4S	JA1PUK	139	OE3JAG
NJ6K	EA7LS	J11UHZ	F5VML	PY3OG
PY2CP	F1OBJ	K2CJ	HB9ARK	SM5CSS
VE6TL	JH1CTV	K3GT	HB9DTE	SP3EPG
W4AFB	JJ1OKK	K9UO	HL4CBX	TA1AL
W4AG	K5FXB	KA6BIM	K0QB	W2GGY
W8VI	KQ5M	KV7N	K2WJ	W4UEF
W9GM	KS0M	LA1J	K9TRV	W9MR
W9MAK	N6KK	W8WV	KX4I	WA0WOF
	NS4X		N0CKC	WA5YOM

WG0G	K7RAN	K5SES	YO8PS	AG4TO
WS1F	K7YZO	KB8KIM		DJ5DT
YB2IQ	K9JDP	KD3UY	129	DL9GTB
136	K9SUH	KG8OU	AD6KQ	EA4TX
AC9GK	KA9JCP	KI7HO	AE7U	G8BCG
DM5JBN	KD2SC	KK5ID	DS4EJA	HB9TJG
G0OSK	KF5WCP	M3DFW	JA0AVS	HK6K
IS0EBO	KN4OK	N3TR	JA1PLT	I2YPY
NT5EE	LB5GI	N4EDT	JA2ACI	JA0BES
ON5GF	N1AH	N4QOG	JA3WMS	JE2VYM
ON5RKN	N2TC	NN3V	JH1RFM	JG1LRE
VE3FRR	N6XT	ON6YH	JM1CMA	JG5DHX
W0ANZ	NC6RJ	SM7DXQ	JN1SUT	JH1HRJ
W4GH	PA0QRB	UW7UA	K7ORK	J11MNT
W4PV	SM3WMU	VU3WEW	KB4KBS	JR1LZK
W7KKC	W2KNG	W3KHZ	KN4WOJ	K2GW
W7SX	W4UAT	W4MC	N9AVC	K7LFY
WX2K	WB1DX	W5FL	SM2YIP	KF3N
	XE2AD	WA1HXX	VK5CE	KS8W
		WA1KXV	W7TG	LA2LI
		ZS1EL	WU7X	N0AB
135	133	131	XE1ILI	N0DL
AA5H	7J1ABD	EI5GM		N1BZ
AB4FH	DL8OH	JH1IY	128	N3GTG
F6FHZ	G4NBS	JK8VMB	A71XX	NA1RL
GM5YTT	GM1BSG	K0ARM	EA1AHA	ON5EQ
HZ1GW	HB0WR	K7GA	EA3NG	VE3EDY
JA1DCK	HK4EB	KA5IAU	EI3IO	VU2TMP
JA3MIO	JA5IBP	KB3IFH	F4GTB	W0MF
JA7MWC	JM1JIV	KD2NF	HL2DBP	W3KN
JJ1HLL	K6ME	N0AKC	JA6NQT	W4BH
JL2ULM	KC2STA	NG4DX	JH1AWJ	WA2BOT
K3HPA	KG6WIK	NN6K	K6OJ	WB2KSP
K3WGR	KI4TZ	VE3NKS	K7PTC	WB9TFH
K4OP	KR4DA	W5EC	K9YKL	
KC3RKW	LA9KY	130	KC2WUF	126
KC9WPS	N1BKB	AA4QE	KD5R	CU7AJ
NX8Y	NT9F	DL1SWN	KG2U	DS3EXT
S53MJ	OH4KRN	JA2LMY	N0JR	EI4HH
W5IO	OH7HM	JF2OHQ	N5EI	IK4TVP
W7QHE	VU2ABS	JH3PRR	NR0Q	IU8GNY
WA7HR	W1GY	JL4BSE	R3BB	JA5CDL
WB3AVD	W3MF	K2MHE	UR9IDX	JA5XPD
WB6FWS	W6OUL	KI0HA	W0QD	JH4GXE
WB9IWN	W9SE	KN4JX	W5MF	K2GLS
WO5I	WA6MRK	N2YF	W6IS	K5KDX
	WB1S	N5JEY	W8BI	K5WRE
134	YO3GJC	N7TM	W9EBO	K7PO
AB0RX	132	NS4F	W9TO	K8GT
DL4ZAB	AA4FU	OZ6TL	WA4UWD	K9QA
EA6AZ	AK3E	PU4MMZ	WC4V	KC5RR
IZ8DEO	AK6I	W1MO	WP4CQ	KK4CB
JA5SEY	I8NLC	W2FDM	WQ1H	KM4CQG
JA6GXP	IK8OZV	W9CTJ	ZS6AKU	KS4WA
JR0GXA	IZ0COI	WB8RFB		N1GNB
JR1HYA	JA9KRO		127	N5HC
K3KY	K4BNF		7Z1HL	N8YQX
K7FL				

N9XG	N5VBK	N1ZZ	CT7ABD	K9GWH
VE3TMG	NT4K	N4GRC	CU2CE	K9KJS
VK2DAG	W0DD	N9ATD	DS3DNT	KA9JAC
VR2VGM	W6ELI	UT9LC	DS5QLJ	KB3KJ
W7FI	W6ND	W1ES	F5AQB	KD9BIE
W9COS	W8PAT	W1HEO	IK8IPL	KG5VK
XE3E	WW5L	W1KKG	IT9JPS	KX6C
	ZL3REX	W5HNC	JA1DCO	KY6AA
125		W6HB	JH5OTE	LZ1XZ
AC4XO	123	WF5I	JJ1XVA	N3HYB
AF8C	AB9BH	XE2MX	K3QB	N8KUS
EI8GS	AE5FM		K9CHP	VR2CC
G4EHT	AI5EG	121	KJ6Y	W4VG
IK8PGE	DJ6OZ	AB4BJ	LU3XX	WA7ZXD
IZ8EYN	DS4DBF	AK0A	N0TR	WA8RCK
JP1GVC	G6NHU	DL7UGO	N1TQP	WB5TOI
K0MD	IK0XKP	DS4OMS	N2SO	ZS2I
K5NOF	IZ8LMA	HA2EQD	N3DV	
K9ARZ	JA1GLE	IK6BMU	N3GS	117
KK5J	JA2HOL	JA1CPN	N4UFP	AD7L
KK7BR	JH1RVQ	JA1EYN	NJ8G	CE3FZ
NA7RH	JL3RNZ	JA1WTO	NR2D	F8EZE
NN6CH	K2JGL	JE2DOD	VE3QAA	HB9MZI
SM5AFU	KC2THY	J15WDC	VR2ZXP	IS0BZR
TF3MH	KD0KZE	K1LTJ	VU3RGB	IZ7QFN
W0XE	KG4OJT	K3CWF	W1RG	JA9KA
W3ATV	LA2XNA	K9MQ	W5RYA	JM3GXU
W4AO	LX2SM	KK4ODQ	W6GJB	K0FF
W5CWQ	N1GFV	KU2A	WT5L	K4AEH
W6PG	N6DVR	N3ER	YB0AZ	K9LCR
WA4TMJ	N9RE	N5ZY		KA4AHU
WM4AA	OH3TY	NA2R	119	KB2S
WR2G	PY2ADR	NA4MM	DL2VWR	KB5CSQ
	SV7CUD	NY4G	F5BAR	KO4PY
124	VE3VHH	OZ6EI	HL2MHU	KP4ED
7L3SQL	W2ARP	PP2FN	JA6JYM	KZ1X
DJ3EJ	W2WGK	TA1L	K7LOL	N8AGU
EC4KW	W4UT	UA0FDX	LU9DO	VE7NY
EI8IQ	WB8TGY	UR5FLN	N8LCU	W3LWH
G4RGK	YB9WZJ	W3/NH7C	ON8PHD	W4ARK
IT9YOZ	ZS6NK	W3JXP	SV1BYI	W4PG
IZ0FYW		W4CC	SV2KF	WB9WHQ
IZ1UKF	122	W4KCM	VK7AP	YO6HOY
IZ5BYJ	AA0BH	W5UQ	W1ZK	
J11DMH	AA5B	W7PC	W3MRL	116
K3SUI	AB5YI	W9MB	W6ZPL	6K2ILX
K6VVK	DB4RG	WA7HQD	W8EOG	AA0FT
K7HC	G0HSA	WB7BBQ	ZL2AO	EA5GXI
KB8DID	HC1HN	WQ8T		EI4BZ
KC2NJ	JA9ALR	WT3Q	118	G8GHD
KC4AA	K0HQW	WU9D	6K5AQY	IZ2CSX
KD9ZR	K1AJ		AE1T	JA2KPW
KE8NOA	K3DQB	120	AJ6X	JT1CO
KK4TKJ	K4VAC	AA2T	DJ9KM	JT1DN
KV8P	K9KJ	AC4TO	IZ0RPS	K1EO
N0YO	KB4ET	AE5LK	IZ1JIZ	K4GHS
N4LSJ	KN9N	AI2S	JA6CMQ	K4LCP

K8JRK	JA8WGX	W1FC	K9JIG	109
K8MN	JG4OOU	W3JM	KI2Y	AA4RX
KC1RET	JM3XZC	W6BBS	KM5VI	AC8AZ
KD5RBU	K1RE	W7CD	N4NYY	AF3K
KQ5S	K2IRM	WB9YJE	NT5O	DL9QJ
N0ATQ	K3PL		PT7CB	F5DBT
N0UCR	KB1W	112	TA1UT	F8DHE
N2ZL	KI8AE	3C3CA	TA2RC	G0MMI
N4KEB	N3DD	7Z1CQ	TA7AZC	JA1QEY
N6DW	NA1DX	DL5FAC	W7WT	JA5GOJ
OE6CLD	NG8T	G0DTX	W8PE	JA9IWR
RW6MBC	NK5K	G3YFE	WB8PKK	JH4GNE
SM1NJC	W0QKL	GM0SCA	WU4B	J11ZS
VR2IL	W2ZK	IK4EWN	XE1ZTW	K0FD
VY2RU	W8LR	IS0BQE		K4AEN
W1HQ	WD0AJG	IU4BJC	110	K6JAD
W7WES	WN0L	JA4RED	AC0B	KB3Z
W9LU	WT9U	JF3AHI	AG5Z	KB7DT
WA4VJK	XE1EE	JH0LME	CT7ANG	M0AQM
WW5RC	YB2BNN	K0XM	DK4MX	N4LS
	ZS4JAN	K4HEB	EA1BLA	N4WD
115		K4ZMV	EI9HX	N6RVI
AA9WO	113	K4ZRJ	G4VWI	NN8L
AF7WM	AB1NS	K8CJY	G6MXL	NW6R
E74A	DL2DCX	K9KDS	HB9BEP	NX1P
HL4RBR	EA5DPL	KH6P	HG6IA	NZ3M
IW2FLB	EI2FG	N0OK	IZ1EPM	PF7M
JA0NPQ	F5EOT	N8AID	JF3KOA	PV8DX
JH8LEY	F8GB	NQ4A	JH1FRW	SP7ASZ
JJ2VLY	G0UII	NZ7Q	JR2PAU	T88UW
K5TU	G4NAQ	S51DV	JR4DHK	W3GP
K8CR	G4YCS	SP2LLP	K3MSB	W4JDS
KB4CRT	HB9GZE	W1USN	K4KAL	W5SG
KB7V	JA2CPD	W3WN	K4RP	W7CB
KG4URP	JA4CSJ	W4LLP	K6DJ	W7VP
MM1PTT	JF1AZQ	W5GCX	K6SLO	WA6URY
N7PIB	JG0HEW	WB2UFF	K9TVG	
NE1RD	JH1GNU	WD8LTM	KF8PD	108
NG0G	K1JKR	WF4W	KN6HIP	7M4CLF
NW6V	K2KNB	WJ1B	KV3W	AC8MR
OE5MPL	K4JDJ	WN1M	N1TQ	AC9DX
SP5BMU	K4JLD	ZL3PAH	N3YZ	DB9CR
W0LGQ	K4TR		OE6BME	DL1TPY
W3UNX	K7BWC	111	PV8AJ	DL2AMD
W4OV	K7MO	AD7XG	TF8GX	DL2NAI
W5WS	K9DUR	AJ6V	W1ZZ	DM5TI
WB4MM	KA5OWI	AK4N	W5JE	DU1IVT
WJ5K	KB1OIQ	EI9CN	W6TCP	E70X
WS4H	KB2TGU	F8DZY	W7YED	EA5XV
	KC0V	G4ZWY	W8TE	G5CL
114	LU3JVO	HB9ECS	W9GFB	IK1RKN
G3CWW	M0NGN	JA4DLF	W9JJ	JA2DCN
HC1HC	NA9L	JA5EEU	YB1SKR	JA2KGQ
I0BJV	S52R	JE1TNL	YO5QAW	JH1OVY
JA1CCH	SV2DSJ	K2KYH	ZS5LEE	JR4NUN
JA1CPU	VA3AYA	K5NV*		K1FUG
JA8EIA	VK7ZE	K8ZEE		K3XO

K8LBT	UX5XK	W7GB	EI3HA	J11FXS
KC8YG	V31MD	WA3IIA	EI4GNB	JP1KHY
KE3ZT	VA2GA	WA8Y	F6ARS	K0OOK
KE7AUB	W5HY	WV4E	FM5FJ	K1FBI
KI4SFT	W8JA	ZL3RIK	G0DRM	K2RNY
KJ2AM	WB2BXO		GW0ANA	K3PIN
KJ4SKO	WB2MKX	105	HA5DI	K3TXW
KO4XI	WC2L	AA2F	HB9BMY	K4NI
KW1X	WM4W	AI1W	JA1CC	K4PWS
LU2AH	WS7I	AP2IA	JA1DHY	K4SAW
N2IFA	WU1U	DL9GTK	JA1RBY	K6XJ
N5FPW	ZP6CW	E29TGW	JH1MYJ	K7HV
N5TW		EI6GF	JI4HKA	K9WMS
N7TP	106	G3LOJ	JQ2MPJ	KA7CVJ
TF1A	AB6WQ	GM1TBW	K0BRO	KP4DDY
VE7VV	AC7DX	HL4GHT	K1TWF	KQ6K
W4DVG	AC8IL	JA1JYS	K2CQW	M0UPL
W6CN	DS2GOO	JA1SZN	K4WW	N1MIE
W7SMW	DS5MNO	JE6UWU	K5JUC	NB3R
WB5ZAM	EA3AGY	JJ2BLV	K7UW	NI5G
WC4B	EW4DX	JK1AIA	K8WVA	RX3BP
	F5VIF	JK1AKA	KE4YOG	VE7XT
107	F6JSZ	K0MB	KE9V	W0PPA
AB7RW	G0OJG	K1ETA	N1FOJ	W2SUB
BG8PA	G0RPM	K5WE	N3PW	W4CU
DJ5FZ	G3LPS	K7CMZ	N4PAJ	W7KHZ
DK2GP	G4FVZ	K8FB	N4ZR	W7UV
E73D	HI7SB	KJ8N	N8TEM	W8EH
EA2BFM	IZ4IRO	KK4MA	N8WXQ	WA8KNE
EI5GSB	JA3AOP	KR0P	NA8W	WC9C
IC8XIL	JA3FRI	KZ4EX	OM6CI	YB1ALL
IW1PVT	JF7NNI	LA9JKA	OZ9U	ZL1IM
JA3MAT	JJ1IRS	LZ1JZ	PY2YW	
JE1CTA	K6VWE	N2YU	R6TY	102
K0FJ	KA9TOX	N9APK	RV4LC	4X1VF
K2FJ	KD2RUY	N9IXD	VE3ZN	5H8HZ
K2ZD	KI4NSP	NC1M	VK3MB	5W1SA
K4LQ	KM8V	NK7L	W0VU	AC0XY
K6DLB	KT5V	OH6IH	W5PD	DB2WD
K7UWR	M0PCB	PV8RR	W9GXR	DL4FDM
KA4LBD	N4DJT	VU2DED	WB4HMA	IC8SQS
KB0EL	N6UOZ	W1MRH	WB7QXU	IZ7QSS
KF2G	N7MW	W1PY	WF8Z	JH1IHG
KF6XA	N8OYY	WB8LEM	WX0B	K1MDA
KI0KN	N9ZJ	WD4OHD	YB1BUL	K2DH
KJ4FZ	NG4C	WK3A	YO6HSU	K2DW
KR4U	NI7F	WZ9B	ZS6HON	K4HR
LU5OM	NS7K	YU1LD		K6BLG
N0MHL	PT2DF	YV4EH	103	K6JAV
N1UZ	PY2OC		AF8P	KA1CTL
NC7M	UA0ABB	104	DS5JMG	KA8HDE
NI8Z	VE3BHZ	7N4OBV	EA2RY	KB1AWM
OV2B	VE3XK	AA2WC	EI9GLB	KO3F
PP5VA	VU2MB	AA6XV	FM4LV	N2CJN
RM6LW	W0TLX	CT3DZ	HB0RER	N2FY
SV3EXP	W4/KL7GLL	DD8BA	JA7HYE	N4IR
TA1CQ	W6KF	EA4EJP	JF1KIG	N8KOJ

NA4D	M0PTZ	G0GFC	N4GOA
NN5O	M5LRO	G8GFF	N5CR
R9GM	N3CAL	GW0KRL	N5LJL
S51MA	N4PF	HB9HFM	N5LKE
SM0XG	NC8I	IK7NXU	N7WFK
US8ZAL	NJ2X	JA7PKV	N7WR
VK2GR	NZ1I	JE7KCI	N8HM
W1GF	OZ5JQ	JG3LDD	N8URE
W4GHW	PA3AIN	JG5VFK	N8XS
W7FS	R2ARR	JN1RFY	N9MKC
W7HJ	RZ6MJ	JR4VEV	ND0B
W7IMU	SV2BXA	K0JDD	NE3K
W9GWP	SV4FFL	K1HC	NX6D
WB4PWZ	TG9AKH	K1JX	OM2AGN
WB7QBS	UA4PK	K1PTF	OR4K
WD6T	VK4BUI	K2UF	OZ1GCT
WD9IOK	VU2OT	K2UT	OZ9GA
WN9A	W0ZX	K3NO	PY5VC
XE1SAX	W2FDJ	K3RRR	R2AB
YB0EIN	W2GHD	K3WSU	UR8IDX
YB9AY	W3RMS	K4GM	VA2EU
YO6BHN	W3SW	K4KYN	VE1JF
ZS2ACP	W4PM	K4QS	VE3KKB
	W6OU	K4RSA	VR2PX
	WB5KSD	K5KEW	VU2OY
101	WM5H	K5LLA	W0RMS
AA9D	WU6K	K5MMH	W1MJC
AB2NI	WX7B	K5PSN	W2MW
AB4EJ	XE1AO	K5VSD	W4CG
AB8YZ	YB8HZ	K5YE	W4DFU
C31MF	YO2OXD	K7VL	W4YR
DD9WG		K9EA	W5YKU
DL3XAC	100	KA2F	W6OZI
EA4UV	2E0XAR	KA4H	W9KM
EA8TZ	9M8DEN	KB4DSL	W9ZT
G3VDB	A41ZZ	KB6IGK	WA2ALY
G4GEE	A71EM	KC5N	WA2VJL
G4PUQ	AA7UN	KD1DT	WA3UTC
G8GNI	AC0DH	KE1IU	WA3YZD
HB9PUE	AD4J	KF5MDZ	WA6VZN
IK2HLM	AE4VJ	KF5TL	WB0RXQ
JA1KZP	AF9W	KF9EX	WB2ZEX
JA5ALE	AK1P	KG4IYS	WB6RAB
JA5JUG	AK4AO	KI0G	WB6RJH
JK3NSD	DB6VH	KI3O	WD1M
K0GEO	DC1TK	KI4PG	WD4GZW
K3AXB	DK1MCS	KK6MF	WI0E
K3LA	DK7GH	KL2R	WK7W
K5HX	DL3ANK	KL7XO	WM4D
K8PGJ	DL5JH	KR4Q	WM9Q
K9GL	DS4GQR	LA4EI	WU1T
KB5YN	EA5PS	M1EMC	YB6LAY
KC3OPI	EI2HZB	N0JX	YE1AR
KC4ZA	EI4DQ	N0KM	ZS6CR
KE9UA	EI4GJB	N0VTZ	
KJ5RC	EW4A	N1KI	
KU4A	F5JWH	N3NVA	
LA3ANA			