

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 06 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	I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W1YY WB6RSE WK3N	G4OBK HA5WA I4AVG JA1HGY JA2KVD JA6BZI JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM	331 DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QZN JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI W8UVZ YO5BRZ
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 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 F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN	330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JI4POR K3WC K4CN K4ZYU K9CT N4JF N8JV
346 N1DG SM3EVR W9ZR	340 EA8AK JA4DND K4UTE	336 G0JHC JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP K5RK N3XX N5ZM PE5T W0MHK WD5COV			
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX				
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP	335 AG9S JA1BK	333 DJ8NK F6AOJ		

N9IW	I4EWH	SV8CS	K2UO	K4EM	JO7WXN
NR1R	JE2LUN	W1RM	K6FG	N4II	K2RW
OK1MP*	JH0INP	W6RLL	K7NN	UY5ZZ	K6YUI
RA3CQ	JH1TWT	W9OP	KA9CFD	VE3EXY	K9MM
SP7GAQ	J18DGO	324	KU0A	W3KX	KE9L
VE3FF	K0DEQ	DK9KX	N4DW	W5WT	N2BJ
W3NO	KW9A	DL5DSM	N4NX	W6XA	NE1B
W4UM	N6JV	FK8CP	OH1LEU	YV1DIG	OE1WEU
YU1FW	PY2YP	G0DQS	ON4CD	319	UX1UA
329	RZ3AM	G4CCZ	PA3EWP	DJ4AX	W6VX
GM3POI	SM2GCQ	I0WDX	R7DX	DK1FW	WD0DAN
IT9DAA	SM5CZQ	IK5PWQ	SM5KNV	EA8AKN	WX4G
IV3JVJ	SP6M	JA2BDR	UA4CC	HB0CC	316
JA2JW	SV1RK	JA2DPC	VE1DX	IK4DRR	DF2UU
JA7KY	YO9HP	JJ3PRT	W5CIA	J11DHY	G0OIL
JA7MSQ	326	JR2LJO	W5TCX	JR7VHZ	IK2QPR
JH1GZE	EA5BY	JR3OEH	W18A	K5MC	IW1ARB
K0EU	JA9APS	K5KC	321	K6AM	JA5XAE
K1HTV	JE1SYN	K9YY	AA4V	N4DB	JA8EAT
N5AW	JF1WPB	N1NK	AD1C	N4QS	K1BD
NI0G	K5EK	N8BM*	G3TXF	ON4AOI	K3WA
NO8D	K8PT	NK1K	HB9BIN	UA3AP	K4HB
OZ1CTK	LU2NI	OE8HIK	IK2YCW	YO3APJ	K8YTO
R4GM	N3NT	R3OK	JA0GJJ	318	KG8P
SP6CIK	N7RT	VE2TZZ	JA1XEC	A45XR	KQ8M
SP8NR	OZ1AXG	W3LL	JA3AZD	AA4HP	N5DG
W5XX	SP5DIR	W8OI	JH1IFS	DL6KR	RV3LO
WA1JMP	W8DCH	W9OL	JH3CUL	G4PWA	SP1JRF
328	325	WB4TDH	JH3VNC	JA1ANR	UA3DPM
AA5AU	EU7A	WP4U	JH4ADV	JA2JNA	W1GL
AD5A	HB9DHK	323	K2VV	JA4EPE	W7MO
DL7MAE	I5NPH	EA3GP	KV7K	JH4JNG	W9ILY
IZ5EKV	IZ0AEG	GM0GAV	KX4R	K2TE	WA2VYA
JA1SJV	JA2FJP	JF1KKV	LA7HJA	K4IQJ	YB5QZ
J12KXK	JA5WIZ	KF0QR	N4PQX	K5BG	YO7LCB
K4QL	JF1PUW	N5TY*	N5XZ	K5DU	YU3AA
RU3FM	JF3KON	N8RR	OE6MDF	LA2PA	315
SL0ZG	JF7XKY	NY0V	OE8RT	PY5EW	9H1SP
SP9DWT	JH2FXK	OH2BLD	SM6DHU	R3VA	AA5AT
W1ECT	JH8RZJ	SM6DHF	SP7VC	RA7A	AB3CV
W2IRT	JR3GWZ	UA3AB	SV1FJA	RW3RN	AB6QM
W5FKX	JS2LHI	W7AO	UT7UJ	SP1MGM	G3VKW
327	K9EU	322	W4FC	VE3LYC	HK3W
AB4IQ	K9IR	CT1BH	W8GC	317	IZ1LBG
CT1APE	OE2LCM	EA2IA	320	AB9V	JA8RJE
CT1IUA	ON4IQ	F5PAC	AA8CH	DJ5FI	JA9CWJ
DK5WL	R5AJ	IK4GME	CT4NH	DK2NG	JN3SAC
DL2OE	SM4EMO	IK8YTA	DM5EE	DL5WW	JR2BJE
EA1YO	SM6CCO	JA4FKX	I2EOW	HB9HFN	K8NVR
EA5BM	SM6CMU	JJ2LPV	JA3PIS	JA2IVK	N5OK
	SP1S		K1LD		OE3EVA

ON4IZ	LA7JO	RA0FF	W9MU	N9AU*	R5DT
PY2NQ	LB8DC	RL9F	WA8WV	PA5TT	RK4FD
SM3VAC	N2NL	SP6HEQ	YS1RR	RA9CMO	W0VX
SV2DGH	N4TL	W0YG		SM3NXS	W4QN
WA7NB	N8KOL	W4BP	307	UT2UB	WD4LBR
	NN4R	WB0TEV	A65BR	W5XC	
314	SP3CGK	ZS1LS	DK2JX	YB1UUN	301
AC4G	W9RN		F2JD		AE5E
CT1DKS	ZS6EZ	309	G0BLB	304	AJ6T
DL6CNG		JA1EOD	HB9TKS	DJ9ON	CU2AP
EA1N	312	JA1VSL	I5HOR	DK5AD	HB9BOI
EA6VQ	AA5AM	K1AR	JA2XW	HB9CEX	HP2AT
G3NDC	F3SG	K2UU	JA3GN	JA2NDQ	JA0DIN
HA1RB	JA1SYY	K8QM	JA6WJL	JA9FAI	JA1LSP
IZ8FFA	JA1XCZ	K9ZO	JJ3HGJ	JE1DXC	JA1SVP
JA2AH	JA7QVI	NN4SS	K2SHZ	K8GI	JE1LFX
JA2ZL	JH1AGU	NU8Z	K3RA	N7US	JG8FWH
JR4OZR	JH1QAX	R9TO	K9RX	N9RS	JK1GOK
JR9LKE	JR6FC	RU3DX	LU8EKC	UY5AA	K4SE
K2LS	K1HT	RX3AGD	NI6T		LA5LJA
K5AQ	N1IBM	SM2OAN	W7DO	303	MM0EAX
KB0EO	N5ORT	UA4LY	W7OM	E72U	RN3QN
LA7AFA	RU3QR	W2JU	W9JA	EA3GHZ	SV2AEL
MD0CCE	SV1CNS		WA5VGI	G3LZQ	WB5JID
OE1AZS	W7CT	308		HB9DDO	
OE1ZL	W8HW	DL2CHN	306	HL3IUA	300
SM4DDE		F4BKV	DL1KUR	HL4CJG	9K2OD
SV1DPI	311	HK4SAN	DL5EBE	IK2RPE	AC0A
SV1JG	CT1FMX	IU7QBB	HB9DDZ	IK4ADE	DL1TRK
UA6MF	IK0PEA	JA1IZZ	IK4PLW	JK1EXO	DL4CF
UT9FJ	JA2XYO	JA2WYN	JA2VQF	K7WP	EA1AF
UX0FF	JA4MRL	JA7IC	JE2LPC	K7ZA	EI2GLB
WB8BPU	KM4H	JA9GPG	JR2UBS	K9MK	IZ5RVG
	OE3SGU	JA9TWN	K5WAF	KB1JZU	JA9AA
313	OZ4O	JG4AKL	KD3CQ	LA3WAA	K8GG
5B4MF	PY2XU	JH1SJJ	OE5RLM	RL3FA	K8TL
CT1GFK	UR0MC	JL1RUC	R8TX	RW4NN	K8VFX
I3BUI	WB9CIF	K0GY	R9FM	SM6CUK	PA3CSR
IZ2AMW	WD9DZV	K0KVR	UN7JX	SP2BMX	UR5EDX
IZ8FWN		K8OM	US5WE	SP3IBS	VU2PTT
JA1GRM	310	KI0KB	W5AJ	SP7HOV	W3OA
JA5IU	HB9SLO	KN5O	WE9R	SP7ITB	W3RJW
JA6VQA	JA0CRI	KS1J	ZL3JT	W1SKU	W5VY
JA7JWF	JF8QNF	N8TR		WT8C	W6TC
JF2UPM	JG3FEA	NQ1K	305		W9AJ
JG3LGD	K0KX	R7NW	DJ4XA	302	
JH1NYM	K5XI	SP9JZU	JA1IOA	DJ5JH	299
JR1BAS	K6RO	VA5DX	JA7BWT	F5CQ	4X6ZK
JR1BLX	K8AC	VU2NKS	JE6TSP	HL2IFR	DM2DXA
JS3CTQ	K8FL	W1YM	JH7RXU	I1EIS	EW2A
K4SO	KC7V	W2QO	K0JUH	JE8CLT	G3SVD
K6KLY	LA9AJA	W5ADD	K3XA	K4MS	HB9CQK
K9US	NS6C	W6ENZ	KG4W	PY7DJ	HB9RG

IK5RUN	N0RB	293	PY2KP	ON6AA	DL2SWN
IZ4MJP	RA3QK	DL1HRN	VE3CFK	UA3AGW	EA3GHQ
JA7LGE	SM6BZV	DL1SMA	W7BEM	W1YIF	EA5KA
K6SIK	SV9COL	EA3WD	W8TN	W2LE	HL2WA
K9SM	UA6YW	IK0HFO	W9FR	W2NO	IK8VRH
KB8VAO	W2GG	IV3YYK	ZL4TT	W3FOX	IZ8DFO
N9FN	YO2RR	IW1QN	ZS2DL	ZS2EZ	JA0PE
UA9FAR		JA2CXF			JA2IYJ
UN6T	295	JH0BQX	290	287	JA2VMU
VE3BW	CT1FCX	JK1TCV	AA4A	9M6YBG	K6GXO
WA3AFS	DL1DUO	K3FRK	DS1JFY	AA8LL	K6PJ
WA9PIE	EC3A	K4JAF	I4KDJ	AA8R	LA8HGA
XE2CQ	IW0SAF	N2LM	JA1KQX	IV3GOW	N8LJ
	JA1BPA	N4RWG	JA1QXC	JA1XPQ	OE1WHC
298	JH4ALY	N7IR	JE2DZC	JA2ATE	PE1L
5B4AHJ	JM1FHL	PY2IQ	JE2EHP	JA9NLE	WK7E
DL7BA	JN1RQV	S55DX	JH3GCN	JE2OVG	
G5LP	K0BBC	W7ZJ	KD0PO	K0AZ	284
IW0HQE	K0TPP	WA4FFW	LA2QM	K5RT	DL6JZ
JA1WSK	K1GG		LU3CQ	LA3MHA	EI9FBB
JA4ITW	K4XD	292	PP1CZ	N3VA	GM3YOR
JA5BEN	K5VIP	DL5CW	SK3PY	N8PW	IZ3ENH
JL2JVX	K5ZK	E72A	SV3AQR	R9SA	JA0DET
JR7WFC	N7TY	EA5AT	UN7LZ	SM5ARL	JA8CJY
K2PK	NA5C	G4GIR	UN7TW	W1VT	JG3SKK
K8EUR	RM0F	G8DX	W1EQ	W4YCH	JH3SIF
ND0N	SM5FUG	HB9BAT	W2LK	W8AV	JN1BMX
PY2VA	SP8HKT	IZ0RVI	WB9EEE	WA6F	K9NW
ZL1BYZ	SV1GYG	IZ3ETU			OE2GEN
	W5LT	IZ8VYU	289	286	SM0CCM
297	W6XK	JA3ENN	DL9TJ	AB5A	SM6CTQ
E73Y	W7AL	JA3EOP	JA8EJO	CT3HF	W1OPD
JA3RQ		K5DHY	JA9FPI	DL2VPO	W2AY
JE7JDL	294	K7ZD	JA9IFF	HL3GOB	W4FQT
JG0CQK	AI9L	LU4FPZ	JG1WSC	IK0AGU	W5ODD
K6ND	AJ9C	N8II	JH4GJR	IK0XBX	W8BBQ
K8WK	EA6NB	R6AF	K3UL	IZ8XQC	
KG7H	HA5VZ	SP5IWA	KK0M	JA2FGL	283
KT1J	HA9PP	W4VIC	R0FA	JE3ENP	DF2GH
W6YI	JA1FQI	W6SR	RA1QD	JF2WGN	JA1RTX
	JA5SUD		S57AT	K1LPS	JL1XMN
296	JE1GWO	291	VE3EK	K1RO	K3WW
AA4R	JJ1DWT	4Z4DX	W9YSX	K5PS	KJ6P
AA8OY	JR1DUP	EA6ET		N8SNM	OE8SPW
AD6W	K7ZV	G0EHO	288	UR5WA	W1LW
CT1DOF	KD0Q	IT9CVO	CT3MD	VE1JBC	W6BJH
EV1R	KZ4V	JH1BAM	HB9RYZ	W3GQ	
GM0AXY	N0KV	JJ1TKN	JA2JRG	W6PJ	282
JA1JAT	OE5BWN	K4ZO	K1DG	W8AXI	K1DT
K3PA	RU6L	KP2A	LZ2JE	W9MJ	K1USA
K6FW	SV3DCX	LA5HE	N4LR		K5UO
K8VC	W3JX	N2TN	N5LZ	285	K8ROX
LA8PT	YO2CMI	N7RO	N6UK	CU2DX	N6TA

OH4UI	OH1ZK	N5MOA	RW7M	DK8MCT	W6RS
PC3T	VE3DZ	ND4X	W4HG	EA1KY	266
RD3AW	W4UCK	NK0S	W8QZA/QRP	F9XL	EI8IU
SM4CTI	WB2BIN	OZ1LCG	272	K0BJ	IK0UTM
UA0BA	WO7R	RX4HZ	AF9H	K7UA	IW7DVM
W4OX	278	SM5CLE	DS5ACV	K9JF	JA3BXF
XE1KK	9A4T	W1YRC	I5OYY	N4QQ	K8AJS
281	EA8RR	W1ZT	IK5PWN	OE3HWC	NU1B
AD5Q	EI9JF	W2OIB	JF1LMB	PU2POP	PZ5RA
BA4RF	F2NH	W5GO	JH1OBS	VE6LB	RA4CA
EA5OX	JA8LRG	275	K1UU	269	SV1HEP
F3AT	K2UR	AB4SF	K6IPM	HB9IQB	W0FLS
I1FQH	N4HB	CT1FPQ	K7EG	IK7FPV	W7YAQ
IZ8FDH	N9ISN	JE1BMJ	K8BL	IK8EPC	W8MET
K0GD	OH1JP	JG1OGM	K9MBQ	JA1OVF	WB2GAI
N2WB	SM0NJO	JJ3CJP	KA1ERL	JA1VLK	WB3LHD
N5GH	SM4AZQ	N2JJ	KI4GE	JA6GPR	265
OZ1IKY	VE3CRG	N7KA	N2DPF	JH3FHQ	4F2KWT
SM5ENX	W4MAY	ON5UE	N4JQQ	JP1NWZ	G3WPH
W0LS	W8MHW	PA7RA	N6PSE	K0KT	JA4FM
W8HC	WF2S	WA0RVK	N9RD	K6EME	JH1ACA
W8KEN	WT4Q	274	NV9L	N4UOZ	JR1WCT
WN6W	277	EW1KP	OE5FIN	N6RV	K2CBI
280	EU1KY	IW0HOU	PA0ZH	NW7E	K2SN
CT1EAV	F5PBM	JA8ZO	SV1ACK	OM4EX	N5KM
GM3PPE	F5UJK	JH1IAQ	W2OO	SM5FWW	N9JV
JA3XNH	JA8DNV	K3PT	W3ACO	YB1AR	VE3SKX
JA6TMU	JA8EOT	K6UM	W3AP	268	W5DM
JF1NZW	JH3KAI	KA8SYV	WA1S	HB9BUN	264
JH1BNC	JK1UNZ	KA8ZPE	WL7E	JA1IAZ	4Z1UF
JH1HHC	K2AJY	KS3F	ZS1A	JA1NWD	EA1KP
JN7DOS	K8UT	RA5BM	271	JH4HMG	F6DBX
JR6LLN	ON4CAS	SV9AHZ	4X1RU	K2KA	HB9DHG
JR7FRW	UW2ZM	UA3ECJ	HL4GAV	K6BV	IK4AUY
K0TT	W1KSZ	W7MEM	IK2DZN	KD4W	IZ0NRG
K4WNW	W2PP	273	IZ8EJB	N2AJ	JA7HRM
PY2DS	W3BW	7M4AOE	JH1OCC	N5JB	JR4LNG
SM5CZK	W8RLS	CT1BWU	JM1HJG	SM6BGG	K0DD
UT7UV	WA3C	DH2PC	K3PU	W2FV	K1CA
VK3HJ	276	EI6FR	KB1EFS	W9OO	K8RRT
W8LGJ	AA6AA	IZ4DPV	LB2TB	WA1YTW	N1EN
W9HBH	DK3WW	JA1KPH	NN4X	267	N1GC
ZS4TX	HB9LCW	JA2TBS	UA3TT	IV3VBM	PA7TWO
279	HK1MW	JA6BEE	W1MK	JA2QXP	SV1CQN
JE8TGI	IZ5BAM	JM2RUV	WA0MHJ	JA7BEW	VE3YF
JF2XGF	JA2XCR	K4RG	XE1MEX	JA8UIV	VE6AX
JH7BKN	JA7FWR	N4IG	270	K5VWW	W5PF
JO4CFV	JA7LMZ	NA5DX	7K1PTT	K7XB	W6TMD
KF2DT	LA0FA	OZ1ACB	AA4FL	KI5BLU	WV4TN
KQ4AV	LA9VFA	OZ4VW	BA4MY	SM5BMB	

263 DK4TP EA3CJ EA4DL HA7UW JA1VRU JA7XBG JR8AMF K1KO K4KAY K8FH K9FN KN6KI N1RR N7BT NA5Q NF1G SM7IUN W0GG W2XI WA4LOX ZS6NJ	K2FW K7LJ KM1D LA5SJA N9UA OM8FR SM7CQY W0JM ZS6WB	JA9AGN JR3UIC KH2L SA0AQT US0YA W1SSN W5JAY W9EWZ ZL2IFB	JK1OPL KR4F N1RK N5BO VR2XMT VU2CPL WV9L	K5FZ KB9DAK N6PM W2GW W2ZI W7CA WA4CEM WA4JQS WV6E	249 AF5CC HL2CFY IZ8GGF JA1EMQ JA8FFM JH1APK JH8GEU K9NR KF7F KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D
262 CU3EJ I5REA JA8BAR K8AV LA6UL LA9FFA LA9GX N3RC N8OC NK4L NX0I SP6JIU W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART WQ6Q YB2DX	K1ESE K8YSE LY1G N6MZ NT5V SK7AX SP6A SV1FJP TG9NX WA5LFD WV8DX	257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW IK2PZC JA6OXT K1SM N1API N6HC PY2MC RU1AB SV1VS W3FI W8MJ	254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO JH2VVH JJ1BMB K0GW K3SEW KI1U LA5YJ NE8P UA3O	251 9A4W DL2RTL HA5PT JA1DDZ JA1SKE JA5BGA JE1VTZ K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W2TB W3ABT W4SK W5GAI W6DE W8OP	248 AK5X EA4DEI G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG KF9UG N4QWZ N4XP N6KZ SV1IW W8IW
261 7K1CPT DK3PZ G3UAS IZ8IEV JA3FHL JA4VLK	259 CT3KN DJ8NT EA3EQT EW1BA JA8BNP JE2RDO K2UFM NI3P PY5CC W1KDA W7AH WS9V	256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID M0TTB N1SV VK3NX W8JRK WB7B	253 AC9O FG4NO JA6IVR JA8XQI JH2PWY K1FEV K6MKF K8DV KE1F N7XR UA0FO W2/CT1GIF W6RW WF4U YB0COU	250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN UN3G W7HPW W7IU YL2KF	247 CT1FUH K1PL K3VAT KH6M N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W
	258 CU3EQ DK7YY HL3AMO	255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM			

246 AA7G GW4TSG HL2EIZ IV3KFB JK1WSH JR7GBL K3EA KB6CIO W1KMA W3ICM W5ZO	242 EI2HY G4FKA JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K3WWT K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN W8GNM WB8K WC3W	W0SZ W8WEJ XE1RBV 239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO JE2UFF JH1DGJ K1XV K2XF K4QE K8YYY N8SHZ OH7TV WA6JA WB4KTF	W8UN WA0ROI WB8B WB8ZRL YO3JF 236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA VU2CDP W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX	JH5HDA JK1BSM JR1VAY JR4LZX K0VM K4JC K4MF KE5FXE KE8UM KX2A ND4V SV8CKM W3WST W9MO WA5UA 233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S 232 AC9EM EW4C G3XLF HB9DVO JH0OXS JH6DUL JR3VMJ K4ST K5FNQ KB1DMX KK9H N9PGG NJ7G NY2NY RQ3A	SV8DOU W2DXE W6CYX W9ZCL 231 AD5WB DK6OR HL2ZN IK1IYU JA1MZL JH0AWC K2RU K5IB KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH 230 G3LUW JA5NPV JA6AVT JH7WQX JI1VVB K2SY N4TOL W2KA W8FIB W8WVM W9YE WB2NPY 229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO JE2EBT K0HD K3FM K4CMS KD1F KI4DLS N3PS N4NW NE6I UR5FEO
245 AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL	241 AB5C G8AJM IS0AFM JH1UBK JP1IOF K7KB KV1E N4OA N9SF W5DNT W5QM WA8MCD WB8CQV 240 E21EIC G7SSE IW3GJF JA1DM* JA2FSM K9JU KF0LA N0ABA N4HID PY2GG SM3LGO SP5LKJ UX5UO	238 HB9MFM JA0LXP JE1PNX JF0JYR K9GA K9OR KA4RRU M0CSD N4PJ N5ZC W3MR W4KA WA4QMQ WB0TVY ZL4AS 237 CT1BOY G0VXE HB9CXZ JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB SM0MPV W6AER	235 EA7QW EU1U JE1IBI K0EOO K0VSH K4YJ K5CWR K8ZM N2FF N4IQ NA5Z NW4M TA1CM W7YW 234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ		
244 IK8UHA JA1CZI JI6IHG JJ1QUV JN1NBU K0KG K1KA K1YR KK1W W0QQ W4REX W5PJR W9FI WA2USA WA3F 243 DS5TOS G4XRV JA2EPW JS6TWW K8ME W1BR W4PNY WX2U					

W1WC YB1TJ	W9DX	IK2RZP IZ8MBW K0NV K6IPV KI6CG KW4V N4ENE	K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR W5THT W8LMG XE2X	N6QI OZ0J W0TM YO3IPR	K2AZ N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG
228 7J1ADJ AA0MZ F1RAF F5LIW JA7QQQ JF1RYU JF1WLK JH3GFA K4KGG KE0A KE4UW RA3QUA UN9L VR2CH	225 DK5RL DS4AOW DS5DNO EU1M JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0IL K0OK K1JIU K2HAT K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S G3SBP IZ7AUH JM1VRW K2AT K6ZZ KB5UNX KS4YT KU8X RA4P VE7BV	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5CD K5JZ KD2T KE6V KG6I KI7AO KR2Q KR6C N1KC N6DX SV1FKZ W6GRV WA3I WC2K WW8W	216 CX2CC DJ3XG EA2AFV G4VMX K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L	213 9A1AD AG3V DK3UA HB9HIT IT9ODQ IV3FFI JA0LFV JA1FVS JG1JPE JG3RWX JR1EFG K5ALQ KK2M N6PEQ N8GP NA2M* VK3FM W1LE W3BJ
227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5RF W5SL WA9GON	224 JA1OVD JA8NFV JO1LVZ K1CBK K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN WB0O WN6K	221 EA2AAZ IZ1JLG J11NJC K4CGY K4MV K5DV K5ZQ KU4XO KV4AA N9JR NY1V RU0SN W0BM WA0WWW	218 DL2NOM DL4NBE I7PXV JH1OGT K1NJ KE3D N4JT SM7WVZ TZ4AM W5GA WA2NPD WC4H	215 9H1EJ AA7XT AA8SW DS4GKF HB9IIO I1YDT I5XFD IZ0BVU JP1GUW JR0AMD JT1BV KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL ZL2AL ZS2Y	212 G4ZOY JA1BWA JA3LDH JR2PZX KU4BP N4FN SM5AOG SM7GIB VK5GR W5DAW WW2DX WY1G YL2TW
226 DM2RM EA5B I0OSI JH1IED K2BA K2SD KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK VK4CAG W7HR	223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ	220 AA6RR DL4DW DL4LAM EA5DFV EI9FVB K1DJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM	217 IK0CHU JA2NNF JA7ZP JG5RVQ K1RH	214 3A2MW DJ3AS F4GVO HB9VAB JA7DPC K0QQ	211 JE2KSM JJ1JMZ JJ1KZZ JO4JDU JR1JGA K3SX KT2C N1BY

VR2XLN	207	KW1DX	W7VY	JM1ESG	NA6MG
W6WF	9K2BM	N2KI	WE2N	K7PT	NN2D
210	DG5LAC	OH3OJ	201	KA1J	OH6NIO
AA4LR	JA7MAD	WA4MME	GI4OWA	KZ1W	PP7LL
CU3AN	K6ZP	WI7P	IZ0GYP	N3ND	SQ7FPH
JA7FAS	KE1VT	XE1J*	K0MFI	RA3BL	VE3YXO
JH6RTO	M0HIH	204	K2CYS	VK6OZ	W3ML
KD4SN	M0IKW	KB5HC	N4PYI	W6SHY	W3SB
KD8RQE	N9AKR	KM9E	RT5A	WA2VQV	194
LU4FW	OE1JIS	VU2IBI	W1OP	XE1FAS	A65BD
PY2WC	ON4ANN	W4GP	W6AEA	YV5LI	EA5ZR
S54A	RD9M	W7IV	197	4X4MF	K1LT
W5WP	TF3DC	WB8BZK	HB9AGO	BA4TB	KP3AH
W6UC	VK2CA	XE1L	IZ5FSA	EA1DLU	KR8T
W7FP	W1MJB	203	IZ8EKL	IT9AAI	NJ3K
W9IL	W4GE	7L2QAD	JA3EY	IV3AVQ	SP6EY
WA9BZW	W6KK	DF3EC	JH1FVE	JA2MNB	VU2LBW
WK8A	W9QO	F5NBX	K1ZJA	K6TAR	W4DC
YB0DJ	YB0MWM	IK2RGT	KC6JAM	K8SIA	W5UHQ
209	206	IZ0BTV	KM4VI	KD1AB	W7PAQ
JH8UQJ	AG5W	JA0CIU	LA6OP	NN5E	WA1NXC
K0LB	CT1HHP	JA7JPZ	N1IA	W4DAO	XE1R
KB2FCV	HB9CRV	JH8NBJ	PY3VB	W4HZ	193
KB4MRX	IW9DNI	K0CS	VK6LC	WQ5R	7L4VYK
KO8SCA	IZ4DIW	K1VI	ZS1DX	XE1H	AE4CW
N4TD	JA4DNC	K4GO	199	196	DH3KM
N9XX	JF1IRW	K4JKB	AA3TH	CT3CD	I4UUL
PU1KGG	K8NK	K9OW	AC0X	DF2UA	IZ5MOQ
SM5BNK	KK5OQ	K9TF	AD4AA	G1VDP	JA0AXV
W6DCK	KK9T	KA1DJ	HI3T	HB9ESS	JA1QIW
W8BLA	KW4CQ	KK8MM	JH0RVY	I7LGM	JA3PRM
W8HMK	N6ZN	KL7TC	J11WLL	I8YAV	KM1C
WB0ULX	N8BJQ	KM7R	JM1SZY	JA1XRA	LZ2ZG
208	ND3L	N2ZA	JR7ILA	N2GZ	NU4B
DL4FAP	NW7US	N4TV	K4SX	N3QE	PY8WW
HP2NG	W7IUO	N6PAT	K4VNY	N4HN	SM5ELV
JH0NOS	WA3WZR	N7ELL	KI4WCQ	NA9A	W8NN
K0THN	WB0N	W1DYJ	MU0GSY	SP3F	WA9DU
K4WES	205	W3BNN	N2RR	SP5MXZ	WB6CJT
K5RJ	AC9S	WA3FRP	PB9FN	W5AAJ	192
KC2SST	DL6UNF	202	V51YJ	W6HYI	F6FYD
N7WS	GM0VRP	BV1EK	W6JZ	WB5NHL	HB9FBG
NU1O	IK0WRB	DL8DWL	W9LN	195	IZ7GIT
NW6S	IK3GBG	IK5BOH/2	W9RXJ	CT1ELF	K1JD
W1FA	JA4DHN	JR1IZM	198	K3NF	K6XN
W5FPT	JA7JM	N8WD	AG7N	K4KEW	KJ4UZU
WA6G	JA7MNF	W1AW	DJ0MCH	KE4S	KJ4YLO
ZS1J	JO3WHB	W3NS	IV3BSF	KF9AF	N4XYZ
	K4YYL	W4RDX	JA6ENL	N3XM	NC2Y
	K5VR	W7TUS			UR3EO
	K9SG				

VA2IG	IV3KCB	WA5IPS	K5DCW	N3KV	KK7YC
WQ5T	JA1SGU	WZ4RC	K7LAZ	SP5ELW	KT8D
YB1TQL	JG1SWM		K9AQ	W0ZS	KW9U
191	K3DFL	185	KG4JSZ	W1HS	LA4JGA
AA4NC	K3HW	JK7LXU	KL0S	W4CCS	LA7EIA
G4XEE	K5RKS	K0KP	KS0JD	W4TUN	N1JP
HA5CW	K5TN	K3PP	LA5LT	W8QXR	NM1G
IT9IPQ	K6UXO	KE5BR	N4MIK		VE1VOX
JH1FNU	KY5I	KQ4EE	N8NA	178	W4LEW
JK1AJX	N2MEE	OZ3SM	N8NB	AA8KY	W9WO
JP1LRT	N6NU	UN7BK	NZ5O	EA8AXT	WA3GNW
K1RI	OH2LHE	VA7ZT	VU3CAU	G4DDL	
K8QKY	ON6KE	W0QC	W6SFK	IW0BYL	175
N4DWK	RM3DA	W2WG	W7WZ	JA1ERB	AG5CN
N7MQ	RN3CT	W6RKC		K1ZE	EA6UE
NK7C	SM4BZH	WV2I	181	K3VAR	IU8IYE
NO0B	VA3OKG		AE4M	KL7TS	IW1PUR
OV5O	W4AEJ	184	EI3CTB	KU1T	IZ0CKJ
OZ7DN	W5SUM	AA4UC	IZ4AIB	N4ST	JE3PCP
VK2HV	W6DPD	AD6ZJ	KY6R	N5FEE	K0KV
W5IP	YB4CHP	EA5RU	N1HO	N6DHZ	K1ROA
W8UQ	188	IK0HBN	N6VS	OZ1HPS	KD4POJ
WB4DNL	EA7AN	JA7FVA	N8AYY	W7HUY	KF2OG
WF1H	JA0GCI	K3JM	NN9X	WB6AXD	KF6HI
WI8R	JA0GCI	NW7M	NV4A	WC0W	KN7D
	JH7NTW	SM2EJE	UA9AEU		N7NG
190	K2AX	UN7BY	W6TK	177	NS3L
AA4U	K2DC	UT7KF		4X6UU	UA1OM
AC4VM	N2ZZ	W6BK	180	IW8CGX	UA9AGX
DJ9KV	OZ9XU	WB2HJV	A61BK	IZ2EWR	
EC7B	PY2RN	WB3BFC	AA4AK	JE4RAL	174
F4DSE	W0PE	WB4YDL	DK1NAL	JF1LZQ	AD0K
G3WW	WV4V	WB5STU	JH1IZR	JG3KLF	AG4Q
HL4CCM	YO2DFA	YB1RUS	K8SL	K2JL	DL5KUA
JA2ITK	187		N7VPN	K2MK	HB9HVG
JA3AVO	EA5HM	183	NA5S	K3OX	JL6USD
JH8KFE	F4WDL	IU0ICA	VR2XYL	K8YE	JR3TOE
JI2UDK	IK8GJR	JA2KSP	W0MS	KF4VTT	K1XE
K7UT	KM4NS	JA3UNA	W4DSM	SM5CBM	K5CR
K8ZT/QRP	N6VNI	JE4CIL	WA6EZV	SP9IZV	K9HQM
KD0AA	N6VNI	K6LRN		VK2AAH	K9UQN
KK0DX	W5ZE	NA2U	179	W0IKD	N7NW
N3AIU	XE1YD	W2CG	DL5MHQ	W0JW	NG9J
N6MXU	186	WF8R	IK1ZNM	W1AO	W5JMW
SM0BYD	AF6PK	YB2TS	JA3EEM	W4KVS	W5WI
W2OR	K1BZ		JH1XFR	WD8KND	WA4BIM
W9ROG	K5EWS	182	JK1JAS		WA4NUF
WA8LRW	K5QX	4X6KJ	JR3ADB	176	
WB4GLI	K6EGF	I5FLN	K4WZ	DL6NW	173
	KC6X	I8LWL	KB7AK	F4FLF	AB6CF
189	N5QS	JA6SQR	KE5TD	G4AYU	AI9U
I0LYO	W8RV	J11CQA	KJ6NZ	JH8FIH	DM6MA
		JK1DDG	KZ2R	JR1FHP	HB9DVZ

K6UNE	170	OE1ALW	CU3HN	IK2ULM	W9GG
K7STO	DL2JIM	R4FAN	EI5JL	JA0MRW	160
K8JE	EI5KO	SV1XV	HK3PJ	JA4GXS	E70T
KI6MQX	EI6AL	VR2MY	HL1VAU	K0ABC	EA1WH
LA9VBA	JA1GVT	WA9IVH	IK0XIH	K0CF	JA1ITJ
N7HN	JG1GJH	WX0Z	JE4WOK	K4GN	JA1UOA
N9DR	JK1BIB	167	JF1KML	KE1B	JF3VEC
N9IO	JQ1PCX	JA8BOV	JR1KBJ	KO4PRE	JG2LGM
NC7B	JQ1YIW	JE3FOR	JR6LDE	KW4MM	JK1EBA
NX2X	K6JJ	KA5JSM	K3VPZ	LA1CO	JK1NPH
SM0EUI	K7CU	KB8NTY	KG4CUY	N0AMI	JR1CAD
TF3JB	LA2GH	KD3HN	KG5NP	N4KM	K7LY
W4DTA	LB7ZG	KE3X	LA2XPA	N7KDT	KC9K
W7VAS	N4VN	KH6XT	N2RJ	N9LEO	N0IW
WA7BNG	N6EM	KM4HQE	N3KS	R3IS	N4MEC
WY7FD	N8VV	N1ZJ	PT2ND	SM7CZL	N5WA
172	NX4TT	N4PL	RA0BA	VA2LC	N8IL
EI1DG	VE1OP	N8JS	RL3BZ	VU2MSA	NI5F
JA1BON	VE2YG	N8OQ	VK3TC	W1OK	W1TO
K5TA	W0OGH	N9ATF	W2FS	W1XV	W9FF
LZ1XL	WA4USA	PT2ADM	WB2WPM	W4PGM	YO8CRU
N3AO	YO4AUL	PY2SEX	WB9PNU	W8MIL	ZS6RJ
N5PA	169	TF3VS	WC4X	WB9B	159
N7GCO	AC0DQ	WA0SXV	164	XE2YWH	AA3AZ
SP5ES	DM3CW	WA5NFC	AC4BT	YO3DDZ	CT1ESO
W1ASB	JA1KXT	166	CT3DL	162	DD0VE
WB8QZM	JE1PHH	AL7R	DL7JRD	4F1OZ	DK8IZ
YB4IR	K8ZZU	DL1SVA	EA3HDZ	BH4IGO	EA1P
171	K9OT	GM7NZI	EI6IZ	DJ7JC	IK0WMJ
AA5N	KI2D	HL4XM	IZ0GVZ	DS3EXX	JA0ED
AD3C	N4MI	JG3KMT	K6CF	EA2AGV	JA4FKO
CT2GZE	N5MT	JR6GHN	K6GFJ	HS8KAY	JH1BHW
DL5MM	RD3BD	K0FLY	KA1API	JR4CZM	K0IO
F9CI	SV1IZY	K7CTV	KB7QFE	N4BAF	K1EDG
JJ1BDX	WA6QGH	KN4FO	KD8MQY	NP3CW	K9QJ
JL1GYZ	WB8EKG	KR4BD	N2XQM	W4NBS	KC4HN
JS6QOM	168	KW4J	N7WI	W8FN	LA8ZAA
K2TV	A92IO	SV2CLJ	NA2P	161	N1MD
K4NTO	AB4GE	VA7DX	PT7DX	HL3ERJ	N4GBK
K4WY	EW1P	W4PGC	S50B	JP7FSO	N4VG
KB0V	JA0PZJ	W6FL	SP7QHR	K2OP	NE5S
KC5LK	JE4KCN	W8SAX	W6SIY	K4AR	NF7D
KP4DKE	JH1ORA	WA1ZIC	W9CSX	KM4A	OT1A
N8WRL	JH3EQP	WA5NOM	163	N7QT	VA3NXM
NA6O	K0PC	WB3JFS	4O3A	NA6XX	W1EBM
ON6MX	K0PX	YO3AIS	AA4OC	OH3PYY	WD5BJT
W0MU	K0RAR	ZL3RJ	AI4QQ	OK2ZDL	XE1MW
WA4DOU	KF0RQ	ZS6IR	DS4NPL	SM3PHM	158
WA5KBH	LU8ADX	165	EA1AZ	W5BK	9J2BS
	LX1CW	AG6HE	F4CPF	W5RDW	G4SGX
	N6MB		HA5BSW	W6DOE	

IK3DVY	K2HT	JA3UOQ	K7LAY	K9EXY	146
JJ1KXB	KA9OKH	JH2NWP	K9AAA	KD4EE	AE5B
K4HQK	N5QZ	JR7MAZ	KE4BKL	KM2E	EA4D
K4SAF	N7RD	K0YL	KE8G	KP4DS	HP3TA
K8GWU	W1MR	K3GO	KK4CLY	N0STL	JA3KWZ
KB2XJ		K4OY	N7MB	NE0U	JE1COB
KC3AK	155	K8ROK	NU4I	NU4Y	K1IG
KF7NN	5P5Q	K9MMS	SM0NUE	NZ0O	K6NR
KJ7NO	DK3QM	K9YZ	VA3EJN	RT0F	K8ARY
N0SL	F6KOP	KF9LI	VA3HP	TF3Y	K8POM
N4XXM	G0THF	KK4XL	W3HER	UA9MC	KB9AIT
N6MM	HB9GWJ	LA2IR	W5WLA	W4MA	KM8AM
N8TFD	IV3TDM	M0MCV	W6WA	WA1EHK	N6FS
OH3DP	JA0EBV	N0VVV	WA9JWL	WF7T	N6RK
W0JMP	JA6SUY	OH3FVP	WC2C		N9MR*
W8LIG	K2DF	SP5NON		148	NJ1Q
WB2RAJ	K4EZY	W3DIY	150	4F3BZ	SM3DXC
WB9ZNZ	K4WM	W8OM	DK3BK	A71AM	TF4M
WT2P	KM2O	W8VK	DK3FB	AE0MO	WA2MUA
	M0IFT	WB4SON	DL9SAD	F5NNN	WA3SKQ
157	N1QY		HB9EBM	IW5EIJ	WW8RT
7N3IJT	NH6L	152	IT9ABN	JF2AIJ	XE2B
AB2E	NK7Z	AC6BW	IZ2MHT	JR3PKO	YB1BML
E20YLM	NO9E	AK9B	JA1IHD	K5LY	ZS6UT
EI2JD	NU1T	BX5AA	JA7GZM	KA3GWD	
GM4KHE	OE1HHB	DF2WF	JR7XOD	KB8ZUN	145
JA0NZR	UT7EC	DU1KT	K5HK	LZ1MDU	5T5PA
JA1UBZ	W5SV	G4AFJ	K8WHA	N0TK	AA5TL
JA3MHA	YB1AYO	IK5BSC	K9RT	NJ6K	AC7JM
JE3OUW		K2EK	K9UWY	PY2CP	AL7TC
JG1XBM	154	K4RDU	KI7M	VE6TL	DL1MEV
K0SRL	AC8TO	KD2OV	KX5U	W4AFB	EA4S
KN7Y	AJ8B	KE9S	N6JOJ	W4AG	EA7LS
N4QM	DS5WQT	N8IK	NM4SH	W9GM	EI7GY
N6VH	IZ0FUW	N9GKE	ON6ZV	W9MAK	F1OBJ
N7JB	JA0GZZ	ON4LG	SM0BSO		JH1CTV
N9AZZ	JA4HXF	R9JX	VU2NXM	147	K5FXB
N9MB	JA8ANQ	W2NY	W3KB	AB9KZ	KQ5M
PY1NS	JE6PJP	W6RFF	W4IDX	AI6P	KS0M
W3HKK	JH1AQN	W7JET	W4NE	G3VQO	N6KK
	JM1JZN	YV4DYJ	WL7OU	I4JEE	NS4X
156	JR3QHJ		ZS1C	IS0/YO3RA	W3DQS
EA3HPX	K5DXR	151		JJ0LZQ	W7NP
G4FTC	KC1ERO	AD5MD	149	JK1OTP	WR7Q
GM3WIL	NE5W	DF1IR	7N2JZT	K3GGN	
HB9HHH	W4CIR	DL4KUG	DS4DRE	K5UZ	144
HB9MXY	W5TMC	IK1UGX	ER0FEO	K8MRT	AD0TR
JA1CCG	W8TM	J68HZ	JA0JPD	KB1HY	DL6DCD
JA2ODB	WA9MAG	JA2BUR	JN4FNZ	KB9LIE	GM0VIT
JA9RT	WN7J	JI3BFC	JS6SCC	SV8RX	K1TKL
JH2AJY		K1QN	K2KIB	W3NRJ	K7QBO
JL3DGI	153	K3GW	K2RET		K8OS
JM1LPN	HB9BEM	K4DET	K4TXJ		N5UE

RN0C	K5VG	138	136	K9JDP	IZ0COI
TF5B	K8RCT	AC5AA	AC9GK	K9SUH	JA9KRO
UY2UZ	K9AAN	DL5KUT	DM5JBN	KA9JCP	K4BNF
W0AIH*	KA5SYP	DL5ZB	G0OSK	KD2SC	K5SES
WB9W	KA5VFU	G0FWX	IS0EBO	KF5WCP	KB8KIM
WX3P	KE7BMG	JA0CVC	NT5EE	KN4OK	KD3UY
143	NZ6N	JA1PVX	ON5GF	LB5GI	KG8OU
AA4MM	SV2JU	JA1VRY	ON5RKN	N1AH	KI7HO
AF3X	VE3FAC	K2YSY	VE3FRR	N2TC	KK5ID
FM5DN	W1NA	K6CW	W0ANZ	N6XT	M3DFW
HB9AAA	W3IZ	K9BO	W4GH	NC6RJ	N3TR
JA1MOD	W5GOL	KC9G	W4PV	PA0QRB	N4EDT
JF2RSF	W6HDG	KF6A	W7KKC	SM3WMU	N4QOG
K2OO	WK9U	KL7NW	W7SX	W1DAR	NN3V
K6LPO	140	KU9S	135	W2KNG	ON6YH
K9BQL	AD9DX	N3PV	AB4FH	W4UAT	PY2OP
KE4FW	EI6JK	N9BVA	F6FHZ	WB1DX	SM7DXQ
KG6D	EI7JZ	OD5YA	GM5YTT	XE2AD	UW7UA
KJ2U	JJ1OKK	PV8ABC	HZ1GW	133	VU3WEW
KJ4R	K0UBR	V31CQ	JA1DCK	7J1ABD	W3KHZ
KN7K	K5GZR	VE3MSC	JA3MIO	DL8OH	W4MC
LB2TG	K6EV	W0UHL	JA7MWC	G4NBS	W5FL
N2YBB	K7VC	W4DWS	JJ1HLL	GM1BSG	WA1HXX
N4UP	K7YMG	W4EJG	JL2ULM	HB0WR	WA1KXV
N7ZA	LA8PDA	WA5POK	K3HPA	HK4EB	ZS1EL
TG9AJR	LZ2HM	137	K3WGR	JA5IBP	131
W4JVN	N5JED	DL2RD	K4OP	JM1JIV	EI5GM
W4UFO	N7TW	G3PSM	KC3RKW	K6ME	JH1IYY
W7VS	VE3NJC	HL1MKT	NX8Y	KC2STA	JK8VMB
WY0V	W5VU	JH1SBE	S53MJ	KG6WIK	K0ARM
142	W9BS	K2CDJ	W5IO	KI4TZ	K7GA
AA4DD	WB1ASL	K2RKJ	W7QHE	KR4DA	KA5IAU
JA1PUK	WW6G	K4AU	WA7HR	LA9KY	KO4DKI
JG1RYQ	YB3MM	K6IRA	WB3AVD	N1BKB	N0AKC
JJ1UHZ	139	KP4N	WB6FWS	NT9F	NG4DX
K2CJ	F5VML	N5RN	WB9IWN	OH4KRN	NN6K
K3GT	HB9ARK	N7VZ	WO5I	OH7HM	VE3NKS
K9UO	HB9DTE	N9NFT	134	VU2ABS	W5EC
KA6BIM	HL4CBX	NI4Y	AB0RX	W1GY	130
LA1J	K0QB	OE3JAG	AB1J	W1ITU	AA4QE
W8WV	K2WJ	SM5CSS	DL4ZAB	W3MF	DL1SWN
141	K9TRV	SP3EPG	EA6AZ	W6OUL	JA2LMY
7K3QPL	KX4I	TA1AL	IZ8DEO	W9SE	JF2OHQ
9H1AE	N0CKC	W2GGY	JA5SEY	WB1S	JH3PRR
EA1T	N2SG	W4UEF	JA6GXP	YO3GJC	JL4BSE
EI3ISB	N7NF	W9MR	JR0GXA	132	K2MHE
HB9EXQ	N7UJJ	WA0WOF	JR1HYA	AA4FU	KB3IFH
IZ3XEF	R9MJ	WA5YOM	K3KY	AK3E	KD2NF
K2JK	TA1PB	WG0G	K7FL	AK6I	KI0HA
K4RM	ZL3TE	WS1F	K7RAN	I8NLC	KN4JX
			K7YZO	IK8OZV	N2YF

N5JEY	UR9IDX	EI4HH	124	OH3TY	K9MQ
N7TM	W0QD	IK4TVP	7L3SQL	PY2ADR	KK4ODQ
N8BK	W5MF	IU8GNY	AA5H	SV7CUD	KU2A
NS4F	W6IS	IW7EDZ	AF8C	VE3VHH	N3ER
OZ6TL	W8BI	JA5CDL	DJ3EJ	W2ARP	N5ZY
PU4MMZ	W9EBO	JA5XPD	EC4KW	W2WGK	NA2R
W1MO	W9TO	JH4GXE	EI8IQ	W4UT	NA4MM
W2FDM	WA4UWD	K2GLS	G4RGK	WB8TGY	NY4G
W9CTJ	WC4V	K5KDX	IT9YOZ	WU7X	OZ6EI
WB8RFB	WP4CQ	K7PO	IZ1UKF	YB9WZJ	PP2FN
YB2IQ	WQ1H	K8GT	IZ5BYJ	ZS6NK	TA1L
YO8PS	ZS6AKU	K9QA	J11DMH		UA0FDX
		KC5RR	K3SUI	122	UR5FLN
129	127	KC9WPS	K6VVK	AA0BH	W3/NH7C
AD6KQ	7Z1HL	KK4CB	K7HC	AA5B	W3JXP
AE7U	AG4TO	KM4CQG	KB8DID	AB5YI	W4CC
DS4EJA	DJ5DT	KS4WA	KC2NJ	DB4RG	W4KCM
JA0AVS	DL9GTB	N5HC	KC4AA	G0HSA	W5UQ
JA1PLT	EA4TX	N8YQX	KD9ZR	HC1HN	W7PC
JA2ACI	G8BCG	N9XG	KK4TKJ	IZ0FYW	W9MB
JA3WMS	HB9TJG	VE3TMG	KV8P	JA9ALR	WA7HQD
JH1RFM	HK6K	VK2DAG	N0YO	K0HQW	WB7BBQ
JM1CMA	I2YPY	VR2VGM	N4LSJ	K1AJ	WQ8T
JN1SUT	JA0BES	W8VI	N5VBK	K3DQB	WT3Q
K7ORK	JE2VYM	W9COS	NT4K	K4VAC	WU9D
KB4KBS	JG1LRE	XE3E	W0DD	K9KJ	
KN4WOJ	JG5DHX		W6ELI	KB4ET	120
N9AVC	JH1HRJ	125	W6ND	KN9N	AA2T
PY3OG	J11MNT	AC4XO	W8PAT	N1ZZ	AC4TO
SM2YIP	JR1LZK	EI8GS	WW5L	N4GRC	AE5LK
VK5CE	K2GW	G4EHT	ZL3REX	N9ATD	AI2S
W7TG	K7LFY	IK8PGE		UT9LC	CT7ABD
XE1ILI	KF3N	IZ8EYN	123	W1ES	CU2CE
	KS8W	JP1GVC	AB9BH	W1HEO	DS3DNT
128	LA2LI	K0MD	AE5FM	W1KKG	DS5QLJ
A71XX	N0AB	K5NOF	AI5EG	W5HNK	F5AQB
EA1AHA	N0DL	K9ARZ	DJ6OZ	W6HB	IK8IPL
EA3NG	N1BZ	KK5J	DS4DBF	WF5I	IT9JPS
EI3IO	N3GTG	KK7BR	G6NHU	XE2MX	JA1DCO
F4GTB	NA1RL	NA7RH	IK0XKP		JH5OTE
HL2DBP	ON5EQ	NN6CH	IZ8LMA	121	JJ1XVA
JA6NQT	VE3EDY	SM5AFU	JA1GLE	AB4BJ	K3QB
JH1AWJ	VU2TMP	TF3MH	JA2HOL	AK0A	K9CHP
K6OJ	W0MF	W0XE	JH1RVQ	DL7UGO	KJ6Y
K7PTC	W3KN	W4AO	JL3RNZ	HA2EQD	LU3XX
K9YKL	W4BH	W5CWQ	K2JGL	IK6BMU	N0TR
KC2WUF	WA2BOT	W6PG	KC2THY	JA1CPN	N1TQP
KD5R	WB2KSP	W7FI	KD0KZE	JA1EYN	N2SO
KG2U	WB9TFH	WA1LAD	KG4OJT	JA1WTO	N3DV
N0JR		WA4TMJ	LA2XNA	JE2DOD	N3GS
N5EI	126	WM4AA	LX2SM	J15WDC	N4UFP
NR0Q	CU7AJ	WR2G	N6DVR	K1LTJ	NJ8G
R3BB	DS3EXT		N9RE	K3CWF	NR2D

VE3QAA	117	W7WES	NK5K	112	KM5VI
VR2ZXP	AD7L	W9LU	W0QKL	3C3CA	N4NYY
VU3RGB	CE3FZ	WA4VJK	W2ZK	7Z1CQ	NT5O
W1RG	F8EZE	WW5RC	W8LR	DL5FAC	PT7CB
W5RYA	IS0BZR		WD0AJG	G0DTX	TA1UT
W6GJB	IZ7QFN	115	WN0L	G3YFE	TA2RC
WT5L	JA9KA	AA9WO	WT9U	GM0SCA	TA7AZC
YB0AZ	JM3GXU	AF7WM	XE1EE	IK4EWN	W7WT
	K0FF	E74A	YB2BNN	IS0BQE	W8PE
119	K4AEH	HB9MZI	ZS4JAN	JA4RED	WB8PKK
DL2VWR	K9LCR	HL4RBR		JA8WGX	WU4B
F5BAR	KA4AHU	IW2FLB	113	JF3AHI	XE1ZTW
HL2MHU	KB2S	JA0NPQ	AB1NS	JH0LME	
JA6JYM	KB5CSQ	JH8LEY	DL2DCX	K0XM	110
K7LOL	KO4PY	JJ2VLY	EA5DPL	K4HEB	AC0B
K8EB	KP4ED	K5TU	EI2FG	K4ZMV	AG5Z
LU9DO	KZ1X	K8CR	F5EOT	K4ZRJ	CT7ANG
N1GNB	N1GFV	KB4CRT	F8GB	K8CJY	DK4MX
N8LCU	N8AGU	KB7V	G0UJI	K9KDS	EA1BLA
ON8PHD	VE7NY	KG4URP	G4NAQ	KH6P	EI9HX
SV1BYI	W3LWH	KV7N	G4YCS	KY6AA	G4VWI
SV2KF	W4ARK	MM1PTT	HB9GZE	N0OK	G6MXL
VK7AP	W4PG	N7PIB	JA2CPD	N8AID	HB9BEP
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W6ZPL		NW6V	JH1GNU	S51DV	JF3KOA
W8EOG	116	OE5MPL	K1JKR	W1USN	JH1FRW
ZL2AO	6K2ILX	SP5BMU	K2KNB	W3WN	JR2PAU
	AA0FT	W0LGQ	K4JDJ	W4LLP	JR4DHK
118	EA5GXI	W3UNX	K4JLD	W5GCX	K3MSB
6K5AQY	EI4BZ	W4OV	K4TR	WB2UFF	K4KAL
AE1T	G8GHD	W5WS	K5WRE	WD8LTM	K4RP
AJ6X	IZ2CSX	WB4MM	K7BWC	WF4W	K6DJ
DJ9KM	JA2KPW	WJ5K	K7MO	WJ1B	K6SLO
IZ0RPS	JT1CO	WS4H	K9DUR	WN1M	K9TVG
IZ1JIZ	K1EO		KA5OWI	ZL3PAH	KF8PD
JA6CMQ	K4LCP	114	KB1OIQ		KV3W
K9KJS	K8JRK	G3CWW	KB2TGU	111	N1TQ
KA9JAC	K8MN	HC1HC	KC0V	AD7XG	N3YZ
KB3KJ	K9GWH	I0BJV	LU3JVO	AJ6V	OE6BME
KD9BIE	KC1RET	JA1CCH	M0NGN	AK4N	TF8GX
KG5VK	KD5RBU	JA1CPU	N6DW	EI9CN	W1ZZ
KX6C	KQ5S	JA8EIA	NA9L	F8DZY	W5JE
LZ1XZ	N0ATQ	JG4OOU	S52R	G4ZWY	W6TCP
N3HYB	N0UCR	JM3XZC	SV2DSJ	HB9ECS	W7YED
N8KUS	N2ZL	K1RE	VA3AYA	JA4DLF	W8TE
VR2CC	N4KEB	K2IRM	VK7ZE	JA5EEU	W9GFB
WA7ZXD	OE6CLD	K3PL	W1FC	JE1TNL	YB1SKR
WA8RCK	RW6MBC	KB1W	W3JM	K2KYH	YO5QAW
WB5TOI	SM1NJC	KI8AE	W6BBS	K5NV*	ZS5LEE
ZS2I	VR2IL	N3DD	W7CD	K8ZEE	
	VY2RU	NA1DX	WB9YJE	K9JIG	109
	W1HQ	NG8T		KI2Y	AA4RX

AC8AZ	JH1OVY	NI8Z	NI7F	W1PY	WB4HMA
AF3K	JR4NUN	OV2B	NS7K	WB8LEM	WB7QXU
DL9QJ	K1FUG	PP5VA	PT2DF	WD4OHD	WF8Z
F5DBT	K3XO	RM6LW	PY2OC	WK3A	WX0B
F8DHE	K4GHS	SV3EXP	UA0ABB	WZ9B	YB1BUL
G0MMI	K8LBT	TA1CQ	VE3BHZ	YU1LD	YO6HSU
JA5GOJ	KC8YG	UX5XK	VE3XK	YV4EH	ZS6HON
JA9IWR	KE3ZT	V31MD	VU2MB		
JH4GNE	KE7AUB	VA2GA	W0TLX	104	103
J11ZS	KI4SFT	W5HY	W4/KL7GLL	7N4OBV	AF8P
K0FD	KJ2AM	W8JA	W6KF	AA2WC	DS5JMG
K4AEN	KJ4SKO	WB2BXO	W7GB	AA6XV	EA2RY
K6JAD	KO4XI	WB2MKX	WA3IIA	CT3DZ	EI9GLB
KB3Z	KW1X	WC2L	WA8Y	DD8BA	FM4LV
KB7DT	LU2AH	WM4W	WV4E	EA4EJP	HB0RER
M0AQM	N2IFA	WS7I	ZL3RIK	EI3HA	JA7HYE
N4LS	N5FPW	WU1U		EI4GNB	JF1KIG
N4WD	N5TW	ZP6CW	105	F6ARS	J11FXS
N6RVI	N7TP		AA2F	FM5FJ	JP1KHY
NN8L	TF1A	106	AI1W	G0DRM	K0OOK
NW6R	VE7VV	AB6WQ	AP2IA	GW0ANA	K1FBI
NX1P	W4DVG	AC7DX	DL9GTK	HA5DI	K2RNY
NZ3M	W6CN	AC8IL	E29TGW	HB9BMY	K3PIN
PF7M	W7SMW	DS2GOO	EI6GF	JA1CC	K3TXW
PV8AJ	WB5ZAM	DS5MNO	G3LOJ	JA1DHY	K4NI
PV8DX	WC4B	EA3AGY	HL4GHT	JA1RBY	K4PWS
SP7ASZ		EW4DX	JA1JYS	JH1MYJ	K4SAW
T88UW	107	F5VIF	JA1SZN	J14HKA	K6XJ
W3ATV	AB7RW	F6JSZ	JE6UWU	JQ2MPJ	K7HV
W3GP	BG8PA	G0OJG	JJ2BLV	K0BRO	K9WMS
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W5SG	DK2GP	G3LPS	JK1AKA	K2CQW	KP4DDY
W7CB	DS4OMS	G4FVZ	K0MB	K4WW	KQ6K
W7VP	E73D	HI7SB	K1ETA	K5JUC	M0UPL
W9JJ	EA2BFM	IZ4IRO	K5WE	K7UW	N1MIE
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	IC8XIL	JA3FRI	K7CMZ	KE4YOG	NI5G
108	JA3MAT	JF7NNI	K8FB	N1FOJ	RX3BP
7M4CLF	JE1CTA	JJ1IRS	KJ8N	N3PW	VE7XT
AC8MR	K0FJ	K6VWE	KK4MA	N4PAJ	W0PPA
AC9DX	K2FJ	KA9TOX	KR0P	N4ZR	W2SUB
DB9CR	K2ZD	KI0KN	KZ4EX	N8TEM	W4CU
DL1TPY	K4LQ	KI4NSP	LA9JKA	N8WXQ	W7KHZ
DL2AMD	K6DLB	KM8V	LZ1JZ	NA8W	W7UV
DL2NAI	K7UWR	KR4U	N2YU	OM6CI	W8EH
DM5TI	KA4LBD	KT5V	N9APK	OZ9U	WA8KNE
DU1IVT	KB0EL	M0PCB	N9IXD	PY2YW	WC9C
E70X	KF2G	N4DJT	NC1M	RV4LC	YB1ALL
EA5XV	KF6XA	N6UOZ	NC7M	VE3ZN	ZL1IM
G5CL	KJ4FZ	N7MW	NK7L	VK3MB	
IK1RKN	LU5OM	N8OYY	OH6IH	W0VU	102
JA2DCN	N0MHL	N9ZJ	PV8RR	W5PD	4X1VF
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5W1SA	DD9WG	WB5KSD	K4GM	R2AB
AC0XY	DL3XAC	WD4IXD	K4KYN	SP2LLP
DB2WD	EA4UV	WM5H	K4QS	UR8IDX
DL4FDM	EA8TZ	WU6K	K4RSA	VA2EU
IC8SQS	G3VDB	WX7B	K5LLA	VE1JF
IZ7QSS	G4GEE	YB8HZ	K5MMH	VE3KKB
JH1IHG	G4PUQ	YO2OXD	K5PSN	VR2PX
K1MDA	HB9PUE		K5VSD	VU2OY
K2DH	IK2HLM	100	K5YE	W0RMS
K2DW	JA1KZP	2E0XAR	K7VL	W2MW
K4HR	JA1QEY	9M8DEN	K9EA	W4CG
K6BLG	JA5ALE	A41ZZ	KA2F	W4DFU
K6JAV	JA5JUG	A71EM	KA4H	W4YR
KA1CTL	JK3NSD	AA7UN	KB6IGK	W5YKU
KA8HDE	K0GEO	AC0DH	KC5N	W6OZI
KB1AWM	K3AXB	AD4J	KD1DT	W9KM
KE9V	K3LA	AE4VJ	KE1IU	W9ZT
KO3F	K5HX	AF9W	KE8NOA	WA2ALY
N2CJN	K8PGJ	AK1P	KF5MDZ	WA2VJL
N2FY	K9GL	AK4AO	KF5TL	WA3UTC
N4IR	KB5YN	DB6VH	KF9EX	WA3YZD
N8KOJ	KC3OPI	DC1TK	KG4IYS	WB0RXQ
NA4D	KC4ZA	DK1MCS	KI0G	WB2ZEX
NN5O	KD2RUY	DK7GH	KI3O	WB6RAB
R9GM	KE9UA	DL3ANK	KI4PG	WB6RJH
S51MA	KJ5RC	DL5JH	KK6MF	WD1M
SM0XG	KU4A	DS4GQR	KL2R	WD4GZW
US8ZAL	LA3ANA	EA5PS	KL7XO	WI0E
VK2GR	M0PTZ	EI2HZB	KR4Q	WK7W
W1GF	M5LRO	EI4DQ	LA4EI	WM4D
W1MRH	N3CAL	EI4GJB	M1EMC	WM9Q
W4GHW	N4PF	EW4A	N0JX	WU1T
W7FS	NC8I	F5JWH	N0KM	YB6LAY
W7HJ	NJ2X	G0GFC	N0VTZ	YE1AR
W7IMU	NZ1I	G8GFF	N1KI	ZS6CR
W9GWP	OZ5JQ	G8GNI	N3NVA	
WB4PWZ	PA3AIN	GW0KRL	N4GOA	
WB7QBS	R2ARR	IK7NXU	N5CR	
WD6T	RZ6MJ	JA7PKV	N5LJL	
WD9IOK	SV2BXA	JE7KCI	N5LKE	
WN9A	SV4FFL	JG0HEW	N7WFK	
XE1SAX	TG9AKH	JG3LDD	N7WR	
YB0EIN	UA4PK	JG5VFK	N8HM	
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YO6BHN	VU2OT	JR4VEV	N9MKC	
ZS2ACP	W0ZX	K1HC	ND0B	
	W2FDJ	K1JX	NE3K	
101	W2GHD	K1PTF	NX6D	
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AB2NI	W3RMS	K2UT	OR4K	
AB4EJ	W3SW	K3NO	OZ1GCT	
AB8YZ	W4PM	K3RRR	OZ9GA	
C31MF	W6OU	K3WSU	PY5VC	