

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 Jul 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	JH4UYB K4XP N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W1YY WD5COV WK3N	HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM	331 DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI W8UVZ
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 WB6RSE	330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYY K9CT KD5M N4JF N8JV N9IW NR1R OK1MP*
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE	336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T W0MHK			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX 338 G4BWP	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK F6AOJ G4OBK		

RA3CQ	JE2LUN	W9OP	K2UO	K4EM	JO7WXN
SP7GAQ	JH1TWT		K6FG	N4II	K2RW
VE3FF	J18DGO	324	K7NN	SP7VC	K6YUI
W3NO	K0DEQ	DK9KX	KA9CFD	UY5ZZ	K9MM
YO5BRZ	KW9A	DL5DSM	KU0A	VE3EXY	KE9L
YU1FW	N6JV	FK8CP	N4DW	W3KX	N2BJ
	PY2YP	G0DQS	N4NX	W5WT	N4QS
329	RZ3AM	G4CCZ	OH1LEU	W6XA	NE1B
GM3POI	SM2GCQ	I0WDX	ON4CD	YV1DIG	OE1WEU
IT9DAA	SM5CZQ	IK5PWQ	PA3EWP		UX1UA
IV3JVJ	SP6M	JA2BDR	R7DX	319	W6VX
JA2JW	SP9DWT	JA2DPC	SM5KNV	DJ4AX	WX4G
JA7KY	SV1RK	JH0INP	UA4CC	DK1FW	
JA7MSQ	YO9HP	JR3GWZ	VE1DX	EA8AKN	316
JH1GZE		JR3OEH	W5CIA	IK4DRR	DF2UU
K0EU	326	K5KC	W5TCX	J11DHY	G0OIL
K1HTV	EA5BY	K9YY	W18A	JR7VHZ	IK2QPR
N5AW	JA9APS	N1NK		K5MC	JA8EAT
NI0G	JF1WPB	N8BM*	321	K6AM	K3WA
NO8D	K5EK	NK1K	AA4V	N4DB	K4HB
OZ1CTK	K8PT	OE8HIK	AD1C	ON4AOI	K8YTO
R4GM	LU2NI	R3OK	G3TXF	UA3AP	KG8P
SP6CIK	N3NT	VE2TZZ	HB9BIN		KQ8M
SP8NR	N7RT	W3LL	IK2YCW	318	N5DG
W4UM	OZ1AXG	W8OI	JA0GJJ	A45XR	RV3LO
W5XX	SP5DIR	W9OL	JA1XEC	AA4HP	SP1JRF
WA1JMP	W8DCH	WB4TDH	JA3AZD	DL6KR	UA3DPM
		WP4U	JH1IFS	G4PWA	W1GL
328	325	323	JH3CUL	HB0CC	W7MO
AA5AU	EU7A	EA3GP	JH3VNC	JA2JNA	W9ILY
AD5A	HB9DHK	GM0GAV	JH4ADV	JA4EPE	WA2VYA
DL7MAE	I5NPH	JF1KKV	K2VV	JH4JNG	YB5QZ
IZ5EKV	IZ0AEG	JH2FXK	KV7K	K2TE	YO7LCB
JA1SJV	JA2FJP	JJ3PRT	KX4R	K4IQJ	
JA6BZI	JA5WIZ	JR2LJO	LA7HJA	K5BG	315
J12KXK	JE1SYN	KF0QR	N4PQX	K5DU	9H1SP
J14POR	JF1PUW	N5TY*	N5XZ	LA2PA	AA5AT
K4QL	JF3KON	N8RR	OE6MDF	PY5EW	AB3CV
RU3FM	JF7XKY	NY0V	OE8RT	R3VA	AB6QM
SL0ZG	JH8RZJ	OH2BLD	SM6DHU	RA7A	G3VKW
W1ECT	JS2LHI	SM6DHF	SV1FJA	RW3RN	HK3W
W2IRT	K9EU	UA3AB	UT7UJ	SP1MGM	JA8RJE
W5FKX	K9IR	W7AO	W4FC	VE3LYC	JA9CWJ
	OE2LCM		W8GC	YO3APJ	JN3SAC
327	ON4IQ	322	320	317	JR2BJE
AB4IQ	R5AJ	CT1BH	AA8CH	AB9V	K1BD
CT1APE	SM4EMO	EA2IA	CT4NH	DJ5FI	K8NVR
CT1IUA	SM6CCO	F5PAC	DF2RG	DK2NG	N5OK
DK5WL	SM6CMU	IK4GME	DM5EE	DL5WW	OE3EVA
DL2OE	SP1S	IK8YTA	I2EOW	HB9HFN	ON4IZ
EA1YO	SV8CS	JA4FKX	JA3PIS	JA1ANR	PY2NQ
EA5BM	W1RM	JJ2LPV	K1LD	JA2IVK	SM3VAC
I4EWH	W6RLL				SV2DGH

WA7NB	N8KOL	WB0TEV	307	W5XC	301
314	NN4R	ZS1LS	A65BR	YB1UUN	AE5E
AC4G	SP3CGK		DK2JX		CU2AP
CT1DKS	W9RN	309	F2JD	304	HB9BOI
DL6CNG	ZS6EZ	AA5AM	G0BLB	DJ9ON	HP2AT
EA1N	312	JA1EOD	HB9TKS	DK5AD	IZ1LBG
EA6VQ	F3SG	JA1VSL	I5HOR	HB9CEX	JA0DIN
G3NDC	JA1SYY	K1AR	JA2XW	JA2NDQ	JA1LSP
HA1RB	JA1XCZ	K8QM	JA3GN	JE1DXC	JA1SVP
IZ8FFA	JA7QVI	K9ZO	JA6WJL	K8GI	JE1LFX
JA2AH	JA7QVI	NN4SS	JJ3HGJ	KC7V	JG8FWH
JA2ZL	JH1AGU	NU8Z	K2SHZ	N7US	JK1GOK
JA5XAE	JH1QAX	R9TO	K3RA	N9RS	K4SE
JR4OZR	JR1BAS	RU3DX	K9RX	UY5AA	MM0EAX
JR9LKE	JR6FC	RX3AGD	NI6T	ZL3JT	PY7DJ
K2LS	K1HT	SM2OAN	W7DO		RN3QN
K5AQ	N1IBM	UA4LY	W7OM	303	SV2AEL
KB0EO	N5ORT	W2JU	W9JA	E72U	WB5JID
KC9ARR	RU3QR		WA5VGI	EA3GHZ	
LA7AFA	SV1CNS	308		G3LZQ	300
MD0CCE	W7CT	DL2CHN	306	HB9DDO	9K2OD
OE1AZS	W8HW	F4BKV	DL1KUR	HL3IUA	AC0A
OE1ZL	311	HK4SAN	DL5EBE	HL4CJG	DL1TRK
SM4DDE	CT1FMX	IU7QBB	HB9DDZ	IK2RPE	DL4CF
SV1DPI	IK0PEA	JA1IZZ	IK4PLW	IK4ADE	EA1AF
SV1JG	JA2XYO	JA2WYN	JE2LPC	JK1EXO	EI2GLB
UA6MF	JA4MRL	JA7IC	JR2UBS	K7WP	IZ5RVG
UT9FJ	KM4H	JA9TWN	K5WAF	K7ZA	JA9AA
UX0FF	OE3SGU	JG4AKL	KD3CQ	K9MK	K3XA
WB8BPU	OZ4O	JH1SJN	N4TL	KB1JZU	K8GG
YU3AA	PY2XU	JL1RUC	OE5RLM	LA3WAA	K8TL
	UR0MC	K0GY	R8TX	RL3FA	K8VFX
313	WB9CIF	K0KVR	R9FM	RW4NN	PA3CSR
5B4MF	WD0DAN	K2UU	UN7JX	SM6CUK	UR5EDX
CT1GFK	WD9DZV	K8OM	US5WE	SP2BMX	W3OA
I3BUI		KI0KB	WE9R	SP3IBS	W3RJW
IZ2AMW	310	KN5O	305	SP7HOV	W5VY
JA1GRM	HB9SLO	KS1J	DJ4XA	SP7ITB	W6TC
JA5IU	JA0CRI	N8TR	JA1IOA	W1SKU	W9AJ
JA6VQA	JF8QNF	NQ1K	JA2VQF	WT8C	
JA7JWF	K0KX	R7NW	JA7BWT	302	299
JF2UPM	K5XI	SP9JZU	JA9GPG	DJ5JH	4X6ZK
JG3LGD	K6RO	VA5DX	JE6TSP	F5CQ	DM2DXA
JH1NYM	K8AC	VU2NKS	JH7RXU	HL2IFR	EW2A
JR1BLX	K8FL	W1YM	K0JUH	I1EIS	G3SVD
JS3CTQ	LA9AJA	W2QO	KG4W	IW1ARB	HB9CQK
K4SO	NS6C	W5ADD	N9AU*	R5DT	HB9RG
K6KLY	RA0FF	W6ENZ	PA5TT	RK4FD	IK5RUN
K9US	RL9F	W9MU	RA9CMO	W0VX	IZ4MJP
LA7JO	SP6HEQ	WA8WV	SM3NXS	W4QN	JA7LGE
LB8DC	W0YG	YS1RR	UT2UB	WD4LBR	K6SIK
N2NL	W4BP		W5AJ		K9SM
					KB8VAO

N9FN	W2GG	IK0HFO	W8TN	W1YIF	IK8VRH
UA9FAR	YO2RR	IV3YYK	W9FR	W2LE	IZ8DFO
UN6T		IW1QN	ZL4TT	W2NO	JA0PE
VE3BW	295	IZ8FWN	ZS2DL	W3FOX	JA2IYJ
WA3AFS	DL1DUO	JA2CXF		ZS2EZ	JA2VMU
WA9PIE	EC3A	JH0BQX	290		K6G XO
XE2CQ	IW0SAF	JK1TCV	AA4A	287	K6PJ
	JA1BPA	K3FRK	AJ9C	9M6YBG	LA8HGA
298	JG0CQK	K4JAF	DS1JFY	AA8LL	N8LJ
5B4AHJ	JH4ALY	KD0Q	I4KDJ	AA8R	OE1WHC
DL7BA	JM1FHL	N2LM	JA1KQX	IV3GOW	PE1L
G5LP	JN1RQV	N4RWG	JA1QXC	JA1XPQ	WK7E
IW0HQE	K0BBC	N7IR	JE2DZC	JA2ATE	
JA1WSK	K0TPP	PY2IQ	JE2EHP	JE2OVG	284
JA4ITW	K1GG	S55DX	KD0PO	K0AZ	DL6JZ
JA5BEN	K4XD	W7ZJ	LA2QM	K5RT	EI9FBB
JL2JVX	K5VIP	WA4FFW	LA5LJA	LA3MHA	GM3YOR
JR7WFC	K5ZK		LU3CQ	N8PW	JA0DET
K2PK	N7TY	292	PP1CZ	R9SA	JA8CJY
K8EUR	NA5C	DL5CW	SK3PY	SM5ARL	JG3SKK
ND0N	RM0F	E72A	SV3AQR	W1VT	JH3SIF
PY2VA	SM5FUG	EA5AT	UN7LZ	W4YCH	JN1BMX
ZL1BYZ	SP8HKT	G4GIR	UN7TW	W8AV	K9NW
	SV1GYG	G8DX	W1EQ	WA6F	N4LR
297	VU2PTT	HB9BAT	W2LK		OE2GEN
E73Y	W5LT	IZ0RVI	WB9EEE	286	SM0CCM
JA3RQ	W6XK	IZ3ETU		AB5A	SM6CTQ
JE7JDL	W7AL	IZ8VYU	289	CT3HF	W1OPD
JE8CLT		JA3ENN	AJ6T	DL2VPO	W2AY
K4MS	294	JA3EOP	DL9TJ	HL3GOB	W4FQT
K6ND	AI9L	K5DHY	JA8EJO	IK0AGU	W5ODD
K8WK	CT1FCX	K7ZD	JA9FPI	IK0XBX	W8BBQ
KG7H	EA6NB	LU4FPZ	JA9IFF	IZ8XQC	W9MJ
KT1J	HA5VZ	N8II	JG1WSC	JA2FGL	
W6YI	HA9PP	R6AF	JH4GJR	JE3ENP	283
	JA1FQI	SP5IWA	K3UL	JF2WGN	DF2GH
296	JA5SUD	W4VIC	KK0M	K1LPS	JA1RTX
AA4R	JE1GWO	W6SR	R0FA	K1RO	JG3FEA
AA8OY	JJ1DWT		RA1QD	K5PS	JL1XMN
AD6W	JR1DUP	291	S57AT	LU8EKC	K3WW
CT1DOF	K7ZV	4Z4DX	VE3EK	N8SNM	KJ6P
EV1R	KZ4V	EA6ET	W9YSX	UR5WA	OE8SPW
GM0AXY	N0KV	G0EHO		VE1JBC	W1LW
JA1JAT	OE5BWN	IT9CVO	288	W3GQ	W6BJH
K3PA	RU6L	JA9FAI	HB9RYZ	W6PJ	
K6FW	SV3DCX	JH1BAM	JA2JRG	W8AXI	282
K8VC	W3JX	K4ZO	K1DG		K1DT
LA8PT	YO2CMI	KP2A	LZ2JE	285	K1USA
N0RB		LA5HE	N5LZ	CU2DX	K5UO
RA3QK	293	N2TN	N6UK	DL2SWN	K8ROX
SM6BZV	DL1HRN	N7RO	ON6AA	EA3GHQ	N6TA
SV9COL	DL1SMA	VE3CFK	PY2KP	EA5KA	OH4UI
UA6YW	EA3WD	W7BEM	UA3AGW	HL2WA	PC3T

RD3AW	VE3DZ	OH1JP	W8QZA/QRP	EA1KY	SM5BMB
SM4CTI	W4UCK	OZ1LCG		F9XL	
UA0BA	WB2BIN	RX4HZ	272	K0BJ	266
W4OX	WO7R	SM5CLE	AF9H	K7UA	EI8IU
XE1KK		W1YRC	DS5ACV	K9JF	IK0UTM
	278	W1ZT	I5OYY	N4QQ	IW7DVM
281	9A4T	W2OIB	IK5PWN	OE3HWC	JA3BXF
AD5Q	EA8RR	W4MAY	JF1LMB	PU2POP	K8AJS
BA4RF	EI9JF	W5GO	JH1OBS	VE6LB	PZ5RA
EA5OX	F2NH		K1UU		RA4CA
F3AT	JA8LRG	275	K6IPM	269	SV1HEP
I1FQH	K2UR	AB4SF	K7EG	HB9IQB	W0FLS
IZ8FDH	N4HB	CT1FPQ	K8BL	IK7FPV	W7YAQ
K0GD	N9ISN	JE1BMJ	K9MBQ	IK8EPC	W8MET
N2WB	SM0NJO	JG1OGM	KA1ERL	JA1OVF	WB2GAI
N5GH	SM4AZQ	N2JJ	KI4GE	JA1VLK	WB3LHD
OZ1IKY	VE3CRG	N7KA	N2DPF	JH3FHQ	
SM5ENX	W8MHW	ON5UE	N4JQQ	JP1NWZ	265
W0LS	WF2S	PA7RA	N6PSE	K0KT	4F2KWT
W8HC	WT4Q		N9RD	N4UOZ	G3WPH
W8KEN		274	NV9L	N6RV	JA4FM
WN6W	277	EW1KP	OE5FIN	NW7E	JH1ACA
	EU1KY	IW0HOU	PA0ZH	OM4EX	JR1WCT
280	F5PBM	JA8ZO	SV1ACK	SM5FWW	K2CBI
CT1EAV	F5UJK	JH1IAQ	W2OO	WA0RVK	K2SN
GM3PPE	JA8DNV	K3PT	W3ACO	YB1AR	N5KM
IZ3ENH	JA8EOT	K6UM	W3AP		N9JV
JA3XNH	JH3KAI	KA8SYV	WA1S	268	NU1B
JA6TMU	JK1UNZ	KA8ZPE	WL7E	7M4AOE	W5DM
JA9NLE	K2AJY	KS3F	ZS1A	HB9BUN	W6RS
JF1NZW	K8UT	RA5BM		JA1NWD	
JH1BNC	ON4CAS	SV9AHZ	271	JA6GPR	264
JH1HHC	UW2ZM	UA3ECJ	4X1RU	JH4HMG	4Z1UF
JN7DOS	W1KSZ	W7MEM	HL4GAV	K2KA	EA1KP
JR6LLN	W2PP		IK2DZN	K6BV	F6DBX
JR7FRW	W3BW	273	IZ8EJB	KD4W	HB9DHG
K4WNW	W8RLS	CT1BWU	JH1OCC	N2AJ	IZ0NRG
PY2DS	WA3C	DH2PC	JM1HJG	N5JB	JA1IAZ
SM5CZK		EI6FR	K3PU	SM6BGG	JA7HRM
UT7UV	276	IZ4DPV	KB1EFS	W2FV	JR4LNG
VK3HJ	AA6AA	JA1KPH	LB2TB	W9OO	K0DD
W8LGJ	DK3WW	JA2TBS	NN4X	WA1YTW	K1CA
W9HBH	HB9LCW	JA6BEE	UA3TT		K8RRT
ZS4TX	HK1MW	JH3GCN	W1MK	267	N1EN
	IZ5BAM	JJ3CJP	WA0MHJ	IV3VBM	N1GC
279	JA2XCR	JM2RUV	XE1MEX	JA2QXP	PA7TWO
JE8TGI	JA7FWR	K4RG		JA7BEW	SV1CQN
JF2XGF	JA7LMZ	N4IG	270	JA8UIV	VE3YF
JH7BKN	LA0FA	NA5DX	7K1PTT	JJ1TKN	VE6AX
JO4CFV	LA9VFA	OZ1ACB	AA4FL	K5VWW	W5PF
KF2DT	N5MOA	OZ4VW	BA4MY	K7XB	W6TMD
KQ4AV	ND4X	RW7M	CT3MD	KI5BLU	WV4TN
OH1ZK	NK0S	W4HG	DK8MCT	N3VA	

263 DK4TP EA3CJ EA4DL HA7UW JA1VRU JA7XBG JR8AMF K1KO K4KAY K8FH K9FN KN6KI N1RR N7BT NA5Q NF1G SM7IUN W0GG WA4LOX ZS6NJ	KM1D LA5SJA OM8FR SM7CQY ZS6WB 260 AA9A EA8MT EA9IE EC1AIJ F6HLC FG5FR JA2FBC JA3VPA JA3WLN JH3FUK JH4ADK JJ2WOC K1ESE K6EME K8YSE LY1G N6MZ NT5V SK7AX SV1FJP TG9NX W2XI WA5LFD WV8DX 259 CT3KN DJ8NT EA3EQT EW1BA JA8BNP JE2RDO K2UFM NI3P PY5CC W1KDA W7AH WS9V 258 CU3EQ DK7YY HL3AMO IK4AUY JA9AGN K0TT	KH2L SA0AQT US0YA W1SSN W5JAY W9EWZ ZL2IFB 257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW IK2PZC JA6OXT K1SM N1API N6HC PY2MC RU1AB SV1VS W0JM W3FI W8MJ 256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID M0TTB N1SV VK3NX W8JRK WB7B 255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JK1OPL	JR3UIC KR4F N1RK N5BO VR2XMT VU2CPL WV9L 254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO JH2VVH K0GW K3SEW KI1U LA5YJ NE8P UA3O 253 AC9O FG4NO JA6IVR JA8XQI K1FEV K6MKF K8DV KE1F N7XR UA0FO W2/CT1GIF W6RW WF4U YB0COU 252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JH4CBM JL1BYZ K1EFI K5FZ KB9DAK W2GW	W2ZI W7CA WA4CEM WA4JQS WV6E 251 9A4W DL2RTL JA1DDZ JA1SKE JA5BGA JJ1BMB K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W3ABT W4SK W5GAI W6DE W8OP 250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN UN3G W7HPW W7IU YL2KF 249 AF5CC HL2CFY IZ8GGF JA1EMQ	JA8FFM JH1APK JH8GEU K9NR KF7F KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D 248 AK5X EA4DEI G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG KF9UG N4XP N6KZ SV1IW W2TB W8IW 247 CT1FUH K1PL K3VAT KH6M N4QWZ N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W 246 AA7G GW4TSG HL2EIZ IV3KFB
---	--	---	--	---	--

JE1VTZ	242	W0SZ	W6AER	HS1NGR	SV8DOU
JK1WSH	G4FKA	W8WEJ	W8UN	IK0LNN	W2DXE
JR7GBL	JA4ZA	WB8CQV	WA0ROI	JA2OLJ	W6CYX
KB6CIO	JH1ERJ	XE1RBV	WB8B	JH5HDA	W9ZCL
N6PM	JH1WJR	239	WB8ZRL	JK1BSM	231
W1KMA	JK1VXE	AG1A	YO3JF	JR1VAY	AD5WB
W3ICM	JR1MLU	DJ9RR	236	JR4LZX	DK6OR
W5ZO	K3NQ	I0JBL	HB9DQV	K0VM	HL2ZN
245	K3WWT	IZ1JMN	HB9ZS	K4JC	IK1IYU
AJ8MH	K4PB	IZ2FOS	JA1HOM	K4MF	JA1MZL
G3KMQ	K7FEL	JA6CBG	JA1JYE	KE5FXE	JH0AWC
HA5PT	KJ7M	JA7KE	JA3KNN	KE8UM	K2RU
HB9JOE	N2NS	JA9NFO	JH1UBK	KX2A	K4YJ
JA3QOS	N6HY	JE2UFF	JN1NOP	ND4V	K5IB
JJ6DGP	NF4A	JH1DGJ	K1ACL	W3WST	KD6UO
K3EA	PA3BWD	K1XV	KM3J	WA5UA	LZ2XF
KF7PG	RC2A	K2XF	KS4S	233	N8HRZ
N0AH	VK3BDX	K4QE	N4GN	AA9GR	NA4EA
N2NW	W8CZN	K8YXX	N6IE	AA9RR	SM7NDX
NZ3O	W8GNM	N8SHZ	OE2BZL	AJ4A	VU2DCC
OE3KLU	WB8K	OH7TV	OZ7FOC	DH0GSU	W4UDH
S55ZZ	WC3W	WA6JA	PA0TCA	DS3HWS	230
YB0NFL	241	WB4KTF	VU2CDP	EA5AR	G3LUW
	AB5C	238	W0HBH	JA0KJD	JA5NPV
244	G8AJM	HB9MFM	W2YR	JA3NHL	JA6AVT
IK8UHA	IS0AFM	JA0LXP	W4GIW	JH1SOD	JH7WQX
JA1CZI	JF6XQJ	JE1PNX	W6DR	K8BN	J11VVB
J16IHG	JP1IOF	JF0JYR	WA1PMA	K8EAB	K2SY
JJ1QUV	K7KB	K9GA	WY6N	N9BX	SV8CKM
K0KG	KV1E	K9OR	YB2TX	NE3F	W2KA
K1KA	N4OA	KA4RRU	235	SM0XBI	W8FIB
K1YR	N9SF	M0CSD	EA7QW	W2NRA	W8WVM
KK1W	W5DNT	N4PJ	EI2HY	W6YOO	W9YE
SP6A	W5QM	N5ZC	EU1U	WB2KSK	WB2NPY
W0QQ	WA8MCD	N9UA	JE1IBI	WD8PKF	229
W4REX	240	W4KA	K0EOO	WE4S	AA3LX
W5PJR	7K1CPT	WA4QMQ	K0VSH	232	AE0P
W9FI	E21EIC	WB0TVY	K5CWR	AC9EM	AH0U
WA2USA	G7SSE	ZL4AS	K8ZM	EW4C	DL8SDC
WA3F	IW3GJF	237	N2FF	G3XLF	IK2GAJ
243	JA1DM*	CT1BOY	N4IQ	HB9DVO	JA2VHO
DS5TOS	JA2FSM	G0VXE	NA5Z	JH0OXS	JE2EBT
G4XRV	JN1NBU	HB9CXZ	NW4M	JH6DUL	K0HD
JA2EPW	K9JU	JF2OZH	TA1CM	JR3VMJ	K3FM
JS6TWW	KF0LA	JH1DGQ	W3MR	K4ST	K4CMS
K8ME	N0ABA	JR0QFA	W7YW	K5FNQ	KD1F
W1BR	N4HID	K1RV	234	KK9H	KI4DLS
W4PNY	PY2GG	K2NV	DF7EE	N9PGG	N3PS
WX2U	SM3LGO	LB5WB	DK2CC	NJ7G	N4NW
	SP5LKJ	SM0MPV	HB9BYQ	NY2NY	NE6I
	UX5UO			RQ3A	

W1WC YB1TJ	W9DX	IZ8MBW	KV4T	W0TM	N9KW
		K6IPV	KZ9DX	YO3IPR	PY2RO
228	225	KI6CG	ON4ATW		SP7ICE
7J1ADJ	DK5RL	KW4V	SM0DSF	216	W0KCJ
AA0MZ	DS4AOW	N4ENE	UR4IOR	CX2CC	WB6BFG
F1RAF	DS5DNO		W5THT	DJ3XG	
F5LIW	EU1M	222	W8LMG	EA2AFV	213
JF1RYU	JA0EVI	AK5Q	XE2X	G4VMX	9A1AD
JF1WLK	JA4CZM	DJ9SO		K7LV	AG3V
JH2PWY	JF1MTV	DL5XL	219	KK4OW	DK3UA
JH3GFA	JH8NQV	E77S	F5JSD	KR4W	HB9HIT
K4KGG	JL3OUW	G3SBP	HB9BNQ	KX4TT	IT9ODQ
KB1DMX	K0OK	IZ7AUH	HL5BMX	LB6KC	IV3FFI
KE0A	K1JIU	JM1VRW	IK5QPS	NC4RB	JA1FVS
KE4UW	K2HAT	K2AT	JA1FJJ	PS8ACL	JG1JPE
RA3QUA	K3SF	K6ZZ	K5CD	W0SR	JG3RWX
UN9L	K4JWA	KB5UNX	K5JZ	W5VQ	JR1EFG
VR2CH	K5YU	KS4YT	KD2T	W9MO	K5ALQ
	MU0FAL	KU8X	KE6V	WB3D	KK2M
	N0ODK	RA4P	KG6I	WS1L	N6PEQ
227	NA2AA	VE7BV	KI7AO		N8GP
DF8FT	W5GZ		KR6C	215	NA2M*
DL2RUM	W5LO	221	N1KC	9H1EJ	VK3FM
I0MWI	W5TFW	EA2AAZ	N6DX	AA7XT	W1LE
JA0DWY	W8UV	IZ1JLG	W6GRV	AA8SW	W3BJ
JK1SQI	W9KVR	J11NJC	WA3I	DS4GKF	W7HR
K1GE	WE1P	K4CGY	WC2K	HB9IIO	
K5GH	YO9FNP	K4MV	WW8W	I1YDT	212
LU6ETB		K5DV		I5XFD	G4ZOY
N1NU	224	K5ZQ	218	IZ0BVU	JA1BWA
N6OJ	JA1OVD	KU4XO	DL2NOM	JP1GUW	JA3LDH
NA9Q	JA8NFV	KV4AA	DL4NBE	JR0AMD	JR2PZX
W4DEE	JO1LVZ	N4TOL	I7PXV	JT1BV	KU4BP
W5RF	K1CBK	N9JR	JH1OGT	K1TZQ	N4FN
W5SL	K2TER	NY1V	K1NJ	KF4NEF	SM5AOG
WA9GON	KZ5DX	RU0SN	KE3D	KO6KD	SM7GIB
	N3RW	W0BM	KR2Q	N8NN	VK5GR
226	N7WO	WA0WWW	N4JT	RN9N	W5DAW
DM2RM	RW4CY		SM7WVZ	W0FG	WW2DX
EA5B	SM7BHH	220	TZ4AM	W0TT	YL2TW
I0OSI	SP6AXW	AA6RR	W5GA	W1JGS	
JH1IED	V51B	DL4DW	WA2NPD	W4IS	211
K2BA	W7NN	DL4LAM	WC4H	W6SL	JE2KSM
KK4OK	WB0O	EA5DFV		ZL2AL	JJ1JMZ
N2KX	WN6K	EI9FVB	217	ZS2Y	JJ1KZZ
N2SQW		K1DJ	IK0CHU		JO4JDU
N5ET	223	K1NTR	JA2NNF	214	K3SX
N6BM	AB4UF	K4EU	JA7ZP	3A2MW	KT2C
N9AOL	AF2C	K4MIJ	JG5RVQ	DJ3AS	N1BY
NG7M	EA7DUD	K5MT	K0NV	F4GVO	VR2XLN
VE3SKX	HB9HBZ	K6MM	K1RH	HB9VAB	W6WF
VE7TK	I8MTQ	K7AWB	N6QI	K0QQ	WY1G
VK4CAG	IK2RZP	K9WX	OZ0J	K2AZ	

210 AA4LR CU3AN JA7FAS JH6RTO KD4SN KD8RQE LU4FW PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1MJB W4GE W6KK W9QO YB0MWM	WA4MME WI7P XE1J* 204 KB5HC KM9E VU2IBI W4GP W7IV WB8BZK XE1L 203 7L2QAD DF3EC F5NBX IK2RGT IZ0BT JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N2ZA N4TV N6PAT N7ELL SV1FKZ W1DYJ W3BNN WA3FRP	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI RT5A W1OP W6AEA 200 HB9AGO IZ5FSA IZ8EKL JA3EY JA7DPC JH1FVE K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB VK6LC ZS1DX 199 AA3TH AC0X AD4AA JH0RVY JI1WLL JM1SZY K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ 198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W	N3ND RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI 197 4X4MF BA4TB EA1DLU IT9AAI IV3AVQ JA2MNB K6TAR K8SIA NN5E W4DAO W4HZ WQ5R XE1H 196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA KD1AB N2GZ N3QE NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL 195 CT1ELF JA7QQQ K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH	UR5FEO VE3YXO W3ML W3SB 194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R 193 7L4VYK AE4CW DH3KM HI3T I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM K3NF KM1C LZ2ZG N4HN NU4B PY8WW SM5ELV W8NN WA9DU WB6CJT 192 F6FYD HB9FBG IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW K8NK KK5OQ KK9T KW4CQ N6ZN N8BJQ ND3L NW7US W7IUO WA3WZR WB0N 205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR K9SG KW1DX N2KI OH3OJ	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD W1AW W3NS W4RDX W7TUS W7VY WE2N			
208 DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ KC2SST N7WS NU1O NW6S W1FA W4WN W5FPT W6UC WA6G ZS1J 207 9K2BM DG5LAC					

WQ5T	K3HW	185	K9AQ	SP5ELW	KT8D
YB1TQL	K5RKS	JK7LXU	KG4JSZ	W0ZS	KW9U
191	K5TN	K0KP	KL0S	W1HS	LA4JGA
AA4NC	K6UXO	K3PP	KS0JD	W4CCS	LA7EIA
HA5CW	KY5I	KE5BR	LA5LT	W4TUN	N1JP
IT9IPQ	N2MEE	KQ4EE	N4MIK	W8QXR	NM1G
JH1FNU	N6NU	OZ3SM	N8NA	178	VE1VOX
JK1AJX	OH2LHE	UN7BK	N8NB	AA8KY	W0MS
JP1LRT	ON6KE	VA7ZT	NZ5O	EA8AXT	W4LEW
K1RI	RM3DA	W0QC	VU3CAU	G4DDL	W9WO
K8QKY	RN3CT	W2WG	W6SFK	IW0BYL	WA3GNW
N4DWK	SM4BZH	W6RKC	W7WZ	JA1ERB	175
N7MQ	VA3OKG	WV2I	181	K1ZE	AG5CN
NK7C	W4AEJ	184	AE4M	K3VAR	EA6UE
OV5O	W5SUM	AA4UC	EI3CTB	KU1T	IU8IYE
OZ7DN	W6DPD	AD6ZJ	IZ4AIB	N4ST	IW1PUR
VK2HV	YB4CHP	EA5RU	KY6R	N5FEE	JE3PCP
W5IP	188	IK0HBN	N1HO	N6DHZ	K0KV
W8UQ	EA7AN	JA7FVA	N6VS	OZ1HPS	K1ROA
WB4DNL	JA0GCI	K3JM	N8AYY	W7HUY	KD4POJ
WF1H	JH7NTW	NW7M	NN9X	WB6AXD	KF2OG
W18R	K2AX	SM2EJE	NV4A	WC0W	KF6HI
190	K2DC	UN7BY	UA9AEU	177	KN7D
AA4U	N2ZZ	UT7KF	W6TK	4X6UU	N7NG
AC4VM	OZ9XU	W0PE	180	IW8CGX	NS3L
DJ9KV	PY2RN	W6BK	A61BK	IZ2EWR	UA1OM
EC7B	WV4V	WB2HJV	AA4AK	JA0LFV	UA9AGX
F4DSE	YO2DFA	WB3BFC	DK1NAL	JE4RAL	174
G3WW	187	WB4YDL	JH1IZR	JF1LZQ	AG4Q
G4XEE	EA5HM	WB5STU	K0IL	JG3KLF	DL5KUA
HL4CCM	F4WDL	YB1RUS	K2SD	K2JL	HB9HVG
JA2ITK	IK8GJR	183	K8SL	K2MK	JL6USD
JH8KFE	KM4NS	IU0ICA	N7VPN	K3OX	JR3TOE
JI2UDK	N6VNI	JA2KSP	NA5S	K8YE	K1XE
K7UT	W5ZE	JA3UNA	VR2XYL	KF4VTT	K5CR
K8ZT/QRP	XE1YD	JE4CIL	W4DSM	SM5CBM	K9HQM
KD0AA	186	K6LRN	WA6EZV	SP9IZV	K9UQN
N3AIU	AF6PK	NA2U	179	VK2AAH	N7NW
N6MXU	K1BZ	W2CG	DL5MHQ	W0IKD	NG9J
SM0BYD	K5EWS	WF8R	IK1ZNM	W0JW	W5JMW
W2OR	K5QX	YB2TS	JA3EEM	W1AO	W5WI
W9ROG	K6EGF	182	JH1XFR	W4KVS	WA4BIM
WA8LRW	KC6X	4X6KJ	JR3ADB	WD8KND	WA4NUF
WB4GLI	KK0DX	I5FLN	K4WZ	176	173
189	N5QS	I8LWL	KB7AK	DL6NW	AB6CF
I0LYO	W8RV	JA6SQR	KE5TD	F4FLF	AD0K
IV3KCB	WA5IPS	JI1CQA	KJ6NZ	G4AYU	AI9U
JA1SGU	WZ4RC	JK1DDG	KZ2R	JK1JAS	DM6MA
JG1SWM		K5DCW	N3KV	JR1FHP	HB9DVZ
K3DFL		K7LAZ	NO0B	KK7YC	K6UNE

K7STO	170	SV1XV	EI5JL	HA5BSW	W6DOE
K8JE	DL2JIM	VR2MY	HK3PJ	IK2ULM	W9GG
LA9VBA	EI5KO	WA9IVH	HL1VAU	JA0MRW	
N7HN	EI6AL	WX0Z	IK0XIH	JA4GXS	160
N9DR	JA1GVT		JE4WOK	K0ABC	E70T
NC7B	JG1GJH	167	JF1KML	K0CF	EA1WH
NX2X	JK1BIB	JA8BOV	JR1KBJ	K4GN	JA1ITJ
SM0EUI	JQ1PCX	JE3FOR	JR6LDE	KE1B	JA1UOA
TF3JB	JQ1YIW	KA5JSM	K3VPZ	KO4PRE	JF3VEC
W4DTA	K6JJ	KB8NTY	KG4CUY	KW4MM	JG2LGM
W7VAS	K7CU	KD3HN	KG5NP	LA1CO	JK1EBA
WA7BNG	LA2GH	KE3X	LA2XPA	N0AMI	JK1NPH
WY7FD	N4VN	KH6XT	LB7ZG	N4KM	JR1CAD
	N6EM	N1ZJ	N2RJ	N7KDT	K7LY
172	N8VV	N4PL	N3KS	N9LEO	KC9K
EI1DG	NX4TT	N8JS	PT2ND	R3IS	N0IW
JA1BON	VE1OP	N8OQ	RA0BA	SM7CZL	N4MEC
K5TA	VE2YG	N9ATF	RL3BZ	VA2LC	N5WA
KI6MQX	W0OGH	PT2ADM	VK3TC	VU2MSA	N8IL
LZ1XL	WA4USA	PY2SEX	W2FS	W1OK	NI5F
N3AO	YO4AUL	TF3VS	WB2WPM	W1XV	W1TO
N5PA		WA0SXV	WB9PNU	W4PGM	W9FF
N7GCO	169	WA5NFC	WC4X	W8MIL	YO8CRU
SP5ES	AC0DQ			WB9B	ZS6RJ
W1ASB	DM3CW	166	164	XE2YWH	
WB8QZM	JA1KXT	AL7R	AC4BT	YO3DDZ	159
YB4IR	JE1PHH	DL1SVA	CT3DL		AA3AZ
	K8ZZU	GM7NZI	DL7JRD	162	CT1ESO
171	K9OT	HL4XM	EA3HDZ	4F1OZ	DD0VE
AA5N	KI2D	JG3KMT	EI6IZ	BH4IGO	DK8IZ
AD3C	N4MI	JR6GHN	IZ0GVZ	DJ7JC	EA1P
CT2GZE	N5MT	K0FLY	K6CF	DS3EXX	IK0WMJ
DL5MM	RD3BD	K0PX	K6GFJ	EA2AGV	JA0ED
F9CI	SV1IZY	K7CTV	KA1API	HS8KAY	JA4FKO
IZ0CKJ	WA6QGH	KM4HQE	KB7QFE	JR4CZM	JH1BHW
JA3AVO	WB8EKG	KN4FO	KD8MQY	N4BAF	K0IO
JJ1BDX		KR4BD	KL7TS	NP3CW	K1EDG
JL1GYZ	168	KW4J	N2XQM	W4NBS	K9QJ
JS6QOM	A92IO	SV2CLJ	N7WI	W8FN	KC4HN
K2TV	AB4GE	VA7DX	NA2P		LA8ZAA
K4NTO	EW1P	W4PGC	PT7DX	161	N1MD
K4WY	JA0PZJ	W6FL	S50B	HL3ERJ	N4VG
KB0V	JE4KCN	W8SAX	SP7QHR	JP7FSO	NE5S
KC5LK	JH1ORA	WA1ZIC	W6SIY	K2OP	NF7D
KP4DKE	JH3EQP	WA5NOM	W9CSX	K4AR	OT1A
N8WRL	K0PC	WB3JFS		KM4A	VA3NXM
NA6O	K0RAR	YO3AIS	163	N7QT	W1EBM
ON6MX	KF0RQ	ZL3RJ	4O3A	NA6XX	WD5BJT
W0MU	LU8ADX	ZS6IR	AA4OC	OH3PYY	XE1MW
WA4DOU	LX1CW		AI4QQ	OK2ZDL	
WA5KBH	N6MB	165	DS4NPL	SM3PHM	158
	OE1ALW	AG6HE	EA1AZ	W5BK	9J2BS
	R4FAN	CU3HN	F4CPF	W5RDW	G4SGX

IK3DVY	K2HT	JH2NWP	K7LAY	K2RET	146
JJ1KXB	KA9OKH	JR7MAZ	K9AAA	K4TXJ	AE5B
K4HQB	N5QZ	K0YL	KE4BKL	K9EXY	EA4D
K4SAF	N7RD	K3GO	KE8G	KD4EE	HP3TA
K8GWU	W1MR	K4OY	KK4CLY	KM2E	JA3KWZ
KB2XJ		K8ROK	N7MB	KP4DS	JE1COB
KC3AK	155	K9MMS	NU4I	N0STL	K1IG
KF7NN	5P5Q	K9YZ	SM0NUE	NE0U	K6NR
KJ7NO	DK3QM	KF9LI	VA3EJN	NU4Y	K8ARY
N4XMX	F6KOP	KK4XL	VA3HP	NZ0O	K8POM
N6MM	G0THF	LA2IR	W3HER	RT0F	KB9AIT
N8TFD	HB9GWJ	M0MCV	W5WLA	TF3Y	KM8AM
OH3DP	IV3TDM	N0VVV	W6WA	UA9MC	N6FS
W0JMP	JA0EBV	OH3FVP	WA9JWL	W4MA	N6RK
W8LIG	K2DF	SP5NON	WC2C	WA1EHK	N9MR*
WB2RAJ	K4EZY	W3DIY		WF7T	NJ1Q
WB9ZNZ	K4WM	W8OM	150		SM3DXC
WT2P	KM2O	W8VK	DK3BK	148	TF4M
	M0IFT	WB4SON	DK3FB	4F3BZ	WA2MUA
157	N1QY		DL9SAD	A71AM	WA3SKQ
7N3IJT	NH6L	152	HB9EBM	AE0MO	WW8RT
AB2E	NK7Z	AC6BW	IT9ABN	F5NNN	XE2B
E20YLM	NO9E	AK9B	IZ2MHT	IW5EIJ	YB1BML
EI2JD	NU1T	BX5AA	JA1IHD	JF2AIJ	ZS6UT
GM4KHE	OE1HHB	DF2WF	JA6SUY	JR3PKO	
JA0NZR	UT7EC	DU1KT	JA7GZM	K5LY	145
JA1UBZ	W5SV	G4AFJ	JR7XOD	KA3GWD	5T5PA
JA3MHA	YB1AYO	IK5BSC	K5HK	KB8ZUN	AA5TL
JE3OUW		IZ0FUW	K8WHA	LZ1MDU	AC7JM
JG1XBM	154	K2EK	K9RT	N0TK	AL7TC
K0SRL	AC8TO	K4RDU	K9UWY	NJ6K	DL1MEV
KN7Y	AJ8B	KD2OV	KI7M	PY2CP	EA4S
N0SL	DS5WQT	KE9S	KX5U	VE6TL	EA7LS
N4QM	JA0GZZ	N8IK	N6JOJ	W4AFB	EI7GY
N6VH	JA4HXF	N9GKE	N9IO	W4AG	F1OBJ
N7JB	JA8ANQ	ON4LG	NM4SH	W9GM	JH1CTV
N9AZZ	JE6PJP	R9JX	ON6ZV	W9MAK	K5FXB
N9MB	JH1AQN	W2NY	SM0BSO		KQ5M
PY1NS	JM1JZN	W6RFF	VU2NXM	147	KS0M
W3HKK	JR3QHJ	W7JET	W3KB	AB9KZ	N6KK
	JR7ILA	YV4DYJ	W4IDX	AI6P	NS4X
156	K5DXR		W4NE	G3VQO	W3DQS
EA3HPX	KC1ERO	151	WL7OU	I4JEE	W7NP
G4FTC	NE5W	AD5MD	ZS1C	IS0/YO3RA	WR7Q
GM3WIL	W4CIR	DF1IR		JJ0LZQ	
HB9HHH	W5TMC	DL4KUG	149	JK1OTP	144
HB9MXY	W8TM	IK1UGX	7N2JZT	K3GGN	AD0TR
JA1CCG	WA9MAG	J68HZ	DS4DRE	K5UZ	DL6DCD
JA2ODB	WN7J	JA2BUR	ER0FEO	K8MRT	GM0VIT
JA9RT		J13BFC	JA0JPD	KB1HY	K1TKL
JH2AJY	153	K1QN	JN4FNZ	KB9LIE	K7QBO
JL3DGI	HB9BEM	K3GW	JS6SCC	SV8RX	K8OS
JM1LPN	JA3UOQ	K4DET	K2KIB	W3NRJ	N5UE

RN0C	K5VG	138	136	K7YZO	IK8OZV
TF5B	K8RCT	AC5AA	AC9GK	K9JDP	IZ0COI
UY2UZ	K9AAN	DL5KUT	DM5JBN	K9SUH	JA9KRO
W0AIH*	KA5SYP	DL5ZB	G0OSK	KA9JCP	K4BNF
WB9W	KA5VFU	G0FWX	IS0EBO	KD2SC	K5SES
WX3P	KE7BMG	JA0CVC	NT5EE	KF5WCP	KB8KIM
143	NZ6N	JA1PVX	ON5GF	KN4OK	KD3UY
AA4MM	SV2JU	JA1VRY	ON5RKN	LB5GI	KG8OU
AF3X	VE3FAC	K2YSY	VE3FRR	N1AH	KI7HO
FM5DN	W1NA	K6CW	W0ANZ	N2TC	KK5ID
HB9AAA	W3IZ	K9BO	W4GH	N6XT	M3DFW
JA1MOD	W5GOL	KC9G	W4PV	NC6RJ	N3TR
JF2RSF	W6HDG	KF6A	W7KKC	PA0QRB	N4EDT
K2OO	WK9U	KL7NW	W7SX	SM3WMU	N4QOG
K6LPO	140	KU9S	135	W1DAR	NN3V
K9BQL	AD9DX	N3PV	AB4FH	W2KNG	ON6YH
KE4FW	EI6JK	N9BVA	F6FHZ	W4UAT	PY2OP
KG6D	EI7JZ	OD5YA	GM5YTT	WB1DX	SM7DXQ
KJ2U	JG1RYQ	PV8ABC	HZ1GW	XE2AD	UW7UA
KJ4R	JJ1OKK	TA1PB	JA1DCK	133	VU3WEW
KN7K	K0UBR	V31CQ	JA3MIO	7J1ABD	W3KHZ
LB2TG	K5GZR	VE3MSC	JA7MWC	DL8OH	W4MC
N2YBB	K6EV	W0UHL	JJ1HLL	G4NBS	W5FL
N4GBK	K7VC	W4DWS	JL2ULM	GM1BSG	WA1HXX
N4UP	K7YMG	W4EJG	K3HPA	HB0WR	WA1KXV
N7ZA	LA8PDA	WA5POK	K3WGR	HK4EB	ZS1EL
TG9AJR	LZ2HM	137	K4OP	JA5IBP	131
W4JVN	N5JED	DL2RD	KC3RKW	JM1JIV	EI5GM
W4UFO	VE3NJC	G3PSM	N7TW	K6ME	JH1IY
W7VS	W5VU	HL1MKT	NX8Y	KC2STA	JK8VMB
WY0V	W9BS	JH1SBE	S53MJ	KG6WIK	K0ARM
142	WB1ASL	K2CDJ	W5IO	KI4TZ	K7GA
AA4DD	WW6G	K2RKJ	W7QHE	KR4DA	KA5IAU
JA1PUK	YB3MM	K4AU	WA7HR	LA9KY	KO4DKI
J11UHZ	139	K6IRA	WB3AVD	N1BKB	N0AKC
K2CJ	F5VML	KP4N	WB6FWS	NT9F	NG4DX
K3GT	HB9ARK	N5RN	WB9IWN	OH4KRN	NN6K
K9UO	HB9DTE	N7VZ	WO5I	OH7HM	VE3NKS
KA6BIM	HL4CBX	N9NFT	134	VU2ABS	W5EC
LA1J	K0QB	NI4Y	AB0RX	W1GY	130
W8WV	K2WJ	OE3JAG	AB1J	W1ITU	AA4QE
141	K9TRV	SM5CSS	DL4ZAB	W3MF	DL1SWN
7K3QPL	KX4I	SP3EPG	EA6AZ	W6OUL	JA2LMY
9H1AE	N0CKC	TA1AL	IZ8DEO	W9SE	JF2OHQ
EA1T	N2SG	W2GGY	JA5SEY	WB1S	JH3PRR
EI3ISB	N7NF	W4UEF	JA6GXP	YO3GJC	JL4BSE
HB9EXQ	N7UJJ	W9MR	JR0GXA	132	K2MHE
IZ3XEF	R9MJ	WA0WOF	JR1HYA	AA4FU	KB3IFH
K2JK	ZL3TE	WA5YOM	K3KY	AK3E	KD2NF
K4RM		WG0G	K7FL	AK6I	KI0HA
		WS1F	K7RAN	I8NLC	KN4JX

N2YF	UR9IDX	EI4HH	124	N9RE	K9MQ
N5JEY	W0QD	IK4TVP	AA5H	OH3TY	KK4ODQ
N7TM	W5MF	IU8GNY	AF8C	PY2ADR	KU2A
N8BK	W6IS	IW7EDZ	DJ3EJ	SV7CUD	N3ER
NS4F	W8BI	JA5CDL	EC4KW	VE3VHH	N5ZY
OZ6TL	W9EBO	JA5XPD	EI8IQ	W2WGK	NA2R
PU4MMZ	W9TO	JH4GXE	G4RGK	W4UT	NA4MM
W1MO	WA4UWD	K2GLS	IT9YOZ	WB8TGY	NY4G
W9CTJ	WC4V	K5KDX	IZ1UKF	WU7X	OZ6EI
WB8RFB	WP4CQ	K7PO	IZ5BYJ	YB9WZJ	TA1L
YB2IQ	WQ1H	K8GT	J11DMH	ZS6NK	UA0FDX
YO8PS	ZS6AKU	K9QA	K0MD		W2ARP
		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	N5HC	KC4AA	G0HSA	W7PC
JA1PLT	EA4TX	N8YQX	KD9ZR	HC1HN	W9MB
JA2ACI	G8BCG	N9XG	KK4TKJ	JA9ALR	WA7HQD
JA3WMS	HB9TJG	VE3TMG	KV8P	K0HQPW	WB7BBQ
JH1RFM	HK6K	VK2DAG	N0YO	K1AJ	WQ8T
JM1CMA	I2YPY	VR2VGM	N4LSJ	K3DQB	WT3Q
JN1SUT	JA0BES	W8VI	N5VBK	K4VAC	WU9D
K7ORK	JE2VYM	W9COS	NT4K	K9KJ	
KB4KBS	JG1LRE	XE3E	W0DD	KB4ET	120
KN4WOJ	JG5DHX		W2FDM	KN9N	AA2T
N9AVC	JH1HRJ	125	W6ELI	N1ZZ	AC4TO
PY3OG	J11MNT	AC4XO	W6ND	N4GRC	AE5LK
SM2YIP	JR1LZK	EI8GS	W8PAT	N9ATD	AI2S
VK5CE	K2GW	G4EHT	WW5L	UT9LC	CT7ABD
W7TG	K7LFY	IK8PGE	ZL3REX	W1ES	CU2CE
XE1ILI	KF3N	IZ8EYN		W1HEO	DS3DNT
	KS8W	JH8FIH	123	W1KKG	DS5QLJ
128	LA2LI	JP1GVC	AB9BH	W5HNK	F5AQB
A71XX	N0AB	K5NOF	AE5FM	W6HB	IK8IPL
EA1AHA	N0DL	K9ARZ	AI5EG	WF5I	IT9JPS
EA3NG	N1BZ	KK5J	DJ6OZ	XE2MX	JA1DCO
EI3IO	N3GTG	KK7BR	DS4DBF		JH5OTE
F4GTB	NA1RL	NA7RH	G6NHU	121	JJ1XVA
HL2DBP	ON5EQ	NN6CH	IK0XKP	AB4BJ	K3QB
JA6NQT	VE3EDY	SM5AFU	IZ8LMA	AK0A	K9CHP
JH1AWJ	VU2TMP	TF3MH	JA1GLE	DL7UGO	KJ6Y
K6OJ	W0MF	W0XE	JA2HOL	HA2EQD	LU3XX
K7PTC	W3KN	W4AO	JH1RVQ	IK6BMU	N0TR
K9YKL	W4BH	W5CWQ	JL3RNZ	IZ0FYW	N1TQP
KC2WUF	WA2BOT	W6PG	K2JGL	JA1CPN	N3DV
KD5R	WB2KSP	W7FI	KC2THY	JA1EYN	N3GS
KG2U	WB9TFH	WA1LAD	KD0KZE	JA1WTO	N4UFP
N0JR		WA4TMJ	KG4OJT	JE2DOD	NJ8G
N5EI	126	WM4AA	LA2XNA	J15WDC	NR2D
NR0Q	CU7AJ	WR2G	LX2SM	K1LTJ	PP2FN
R3BB	DS3EXT		N6DVR	K3CWF	VE3QAA

VR2ZXP	117	WA4VJK	W2ZK	7Z1CQ	NT5O
VU3RGB	AD7L	WW5RC	W8LR	G0DTX	PT7CB
W1RG	CE3FZ		WD0AJG	G3YFE	TA1UT
W5RYA	F8EZE	115	WN0L	GM0SCA	TA2RC
W6GJB	IS0BZR	AA9WO	WT9U	IK4EWN	TA7AZC
WT5L	IZ7QFN	AF7WM	XE1EE	IS0BQE	W7WT
YB0AZ	JA9KA	E74A	YB2BNN	JA4RED	W8PE
	JM3GXU	HB9MZI	ZS4JAN	JA8WGX	WB8PKK
119	K0FF	HL4RBR		JF3AHI	WU4B
DL2VWR	K4AEH	IW2FLB	113	JH0LME	XE1ZTW
F5BAR	K9LCR	JA0NPQ	AB1NS	K0XM	
HL2MHU	KB2S	JH8LEY	DL2DCX	K4HEB	110
JA6JYM	KB5CSQ	JJ2VLY	EA5DPL	K4ZMV	AC0B
K7LOL	KO4PY	K5TU	EI2FG	K4ZRJ	AG5Z
K8EB	KP4ED	K8CR	F5EOT	K8CJY	CT7ANG
LU9DO	KZ1X	KB4CRT	F8GB	K9KDS	DK4MX
N1GNB	N8AGU	KB7V	G0UUI	KH6P	EA1BLA
N8LCU	VE7NY	KG4URP	G4NAQ	KY6AA	EI9HX
ON8PHD	W3LWH	KV7N	G4YCS	N0OK	G4VWI
SV1BYI	W4ARK	MM1PTT	HB9GZE	N2SO	G6MXL
SV2KF	W4PG	N7PIB	JA2CPD	N8AID	HB9BEP
VK7AP	WB9WHQ	NE1RD	JA4CSJ	NQ4A	HG6IA
W1ZK	YO6HOY	NG0G	JF1AZQ	NZ7Q	IZ1EPM
W3MRL		NW6V	JH1GNU	S51DV	JF3KOA
W6ZPL	116	OE5MPL	K1JKR	W1USN	JH1FRW
W8EOG	6K2ILX	SP5BMU	K2KNB	W3WN	JR2PAU
ZL2AO	AA0FT	W0LGQ	K4JDJ	W4LLP	JR4DHK
	EA5GXI	W3UNX	K4JLD	W5GCX	K3MSB
118	EI4BZ	W4OV	K4TR	WB2UFF	K4KAL
6K5AQY	G8GHD	W5WS	K5WRE	WD8LTM	K4RP
AE1T	IZ2CSX	WB4MM	K7BWC	WF4W	K6DJ
AJ6X	JA2KPW	WJ5K	K7MO	WJ1B	K6SLO
DJ9KM	JT1CO	WS4H	K9DUR	WN1M	K9TVG
IZ0RPS	K4LCP		KA5OWI	ZL3PAH	KF8PD
IZ1JIZ	K8JRK	114	KB1OIQ		KV3W
JA6CMQ	K8MN	G3CWW	KB2TGU	111	N1TQ
JH3LCU	K9GWH	HC1HC	KC0V	AD7XG	N3YZ
K9KJS	KC1RET	I0BJV	LU3JVO	AJ6V	OE6BME
KA9JAC	KD5RBU	JA1CCH	M0NGN	AK4N	TF8GX
KB3KJ	KQ5S	JA1CPU	N6DW	EI9CN	W1ZZ
KD9BIE	N0ATQ	JA8EIA	NA9L	F8DZY	W5JE
KG5VK	N0UCR	JG4OOU	S52R	G4ZWY	W6TCP
KX6C	N1GFV	JM3XZC	SV2DSJ	HB9ECS	W7YED
LZ1XZ	N2ZL	K1RE	VA3AYA	JA4DLF	W8TE
N3HYB	N4KEB	K2IRM	VK7ZE	JA5EEU	W9GFB
N8KUS	OE6CLD	K3PL	W1FC	JE1TNL	YB1SKR
VR2CC	RW6MBC	KB1W	W3JM	K2KYH	YO5QAW
WA7ZXD	SM1NJC	KI8AE	W6BBS	K5NV*	ZS5LEE
WA8RCK	VR2IL	N3DD	W7CD	K8ZEE	
WB5TOI	VY2RU	NA1DX	WB9YJE	K9JIG	109
ZS2I	W1HQ	NG8T		KI2Y	AA4RX
	W7WES	NK5K	112	KM5VI	AC8AZ
	W9LU	W0QKL	3C3CA	N4NYY	AF3K

DL9QJ	K1FUG	PP5VA	PT2DF	WB8LEM	WF8Z
F5DBT	K3XO	RM6LW	PY2OC	WD4OHD	WX0B
F8DHE	K4GHS	SV3EXP	UA0ABB	WK3A	YB1BUL
G0MMI	K8LBT	TA1CQ	VE3BHZ	WZ9B	YO6HSU
JA5GOJ	KC8YG	UX5XK	VE3XK	YU1LD	ZS6HON
JA9IWR	KE3ZT	V31MD	VU2MB	YV4EH	
JH4GNE	KE7AUB	VA2GA	W0TLX		103
J11IZS	KI4SFT	W5HY	W4/KL7GLL	104	AF8P
K0FD	KJ2AM	W8JA	W6KF	7N4OBV	DS5JMG
K4AEN	KJ4SKO	WB2BXO	W7GB	AA2WC	EA2RY
K6JAD	KO4XI	WB2MKX	WA3IIA	AA6XV	EI9GLB
KA4AHU	KW1X	WC2L	WA8Y	CT3DZ	FM4LV
KB7DT	LU2AH	WM4W	WV4E	DD8BA	HB0RER
M0AQM	N2IFA	WS7I	ZL3RIK	EA4EJP	JA7HYE
N4LS	N5FPW	WU1U		EI3HA	JF1KIG
N4WD	N5TW	ZP6CW	105	EI4GNB	J11FXS
N6RVI	N7TP		AA2F	F6ARS	JP1KHY
NN8L	TF1A	106	AI1W	FM5FJ	K0OOK
NW6R	VE7VV	AB6WQ	AP2IA	G0DRM	K1FBI
NX1P	W4DVG	AC7DX	DL9GTK	GW0ANA	K2RNY
NZ3M	W6CN	AC8IL	E29TGW	HA5DI	K3PIN
PF7M	W7SMW	DS2GOO	EI6GF	HB9BMY	K3TXW
PV8AJ	WB5ZAM	DS5MNO	G3LOJ	JA1CC	K4NI
PV8DX	WC4B	EA3AGY	HL4GHT	JA1DHY	K4PWS
SP7ASZ		EW4DX	JA1JYS	JA1RBY	K4SAW
T88UW	107	F5VIF	JA1SZN	JH1MYJ	K6XJ
W3ATV	AB7RW	F6JSZ	JE6UWU	J14HKA	K7HV
W3GP	BG8PA	G0OJG	JJ2BLV	JQ2MPJ	K9WMS
W4JDS	DJ5FZ	G0RPM	JK1AIA	K0BRO	KA7CVJ
W5SG	DK2GP	G3LPS	JK1AKA	K1TWF	KP4DDY
W7CB	DS4OMS	G4FVZ	K0MB	K2CQW	KQ6K
W7VP	E73D	HI7SB	K1EO	K4WW	M0UPL
W9JJ	EA2BFM	IZ4IRO	K1ETA	K5JUC	N1MIE
WA6URY	EI5GSB	JA3AOP	K5WE	K7UW	NB3R
	IC8XIL	JA3FRI	K6GCN	K8WVA	NI5G
108	JA3MAT	JF7NNI	K7CMZ	KE4YOG	RX3BP
7M4CLF	JE1CTA	JJ1IRS	K8FB	N1FOJ	VE7XT
AC8MR	K0FJ	K6VWE	KJ8N	N3PW	W0PPA
AC9DX	K2FJ	KA9TOX	KK4MA	N4PAJ	W2SUB
DB9CR	K2ZD	KI0KN	KR0P	N4ZR	W4CU
DL1TPY	K4LQ	KI4NSP	KZ4EX	N8TEM	W7KHZ
DL2AMD	K6DLB	KM8V	LA9JKA	N8WXQ	W7UV
DL2NAI	K7UWR	KR4U	LZ1JZ	NA8W	W8EH
DM5TI	KA4LBD	KT5V	N2YU	OM6CI	WA8KNE
DU1IVT	KB0EL	M0PCB	N9APK	OZ9U	WC9C
E70X	KF2G	N4DJT	N9IXD	PY2YW	YB1ALL
EA5XV	KF6XA	N6UOZ	NC1M	RV4LC	ZL1IM
G5CL	KJ4FZ	N7MW	NC7M	VE3ZN	
IK1RKN	LU5OM	N8OYY	NK7L	VK3MB	102
JA2DCN	N0MHL	N9ZJ	OH6IH	W0VU	4X1VF
JA2KGQ	N1UZ	NG4C	PV8RR	W9GXR	5H8HZ
JH1OVY	NI8Z	NI7F	VU2DED	WB4HMA	5W1SA
JR4NUN	OV2B	NS7K	W1PY	WB7QXU	AC0XY

DB2WD	EA8TZ	WU6K	K4RSA	UR8IDX
DL4FDM	G3VDB	WX7B	K5LLA	VA2EU
IC8SQS	G4GEE	YB8HZ	K5MMH	VE1JF
IZ7QSS	G4PUQ	YO2OXD	K5PSN	VE3KKB
JH1IHG	HB9PUE		K5VSD	VR2PX
K1MDA	IK2HLM	100	K5YE	VU2OY
K2DH	JA1KZP	2E0XAR	K7VL	W0RMS
K2DW	JA1QEY	9M8DEN	K9EA	W2MW
K4HR	JA5ALE	A41ZZ	KA1CTL	W4CG
K6BLG	JA5JUG	A71EM	KA2F	W4DFU
K6JAV	JK3NSD	AA7UN	KA4H	W4YR
KA8HDE	K0GEO	AC0DH	KB6IGK	W5PD
KB1AWM	K3AXB	AD4J	KC5N	W5YKU
KE9V	K3LA	AE4VJ	KD1DT	W6OZI
KO3F	K5HX	AF9W	KE1IU	W9KM
N2CJN	K8PGJ	AK1P	KE8NOA	W9ZT
N2FY	K9GL	AK4AO	KF5MDZ	WA2ALY
N4IR	KB5YN	DB6VH	KF5TL	WA2VJL
N8KOJ	KC3OPI	DC1TK	KF9EX	WA3UTC
NA4D	KC4ZA	DK1MCS	KG4IYS	WA3YZD
NN5O	KD2RUY	DK7GH	KI0G	WB0RXQ
R9GM	KE9UA	DL3ANK	KI3O	WB2ZEX
S51MA	KJ5RC	DL5JH	KI4PG	WB6RAB
SM0XG	KU4A	DS4GQR	KK6MF	WB6RJH
US8ZAL	LA3ANA	EA5PS	KL2R	WD1M
VK2GR	M0PTZ	EI2HZB	KL7XO	WD4GZW
W1GF	M5LRO	EI4DQ	KR4Q	WI0E
W1MRH	N3CAL	EI4GJB	LA4EI	WK7W
W4GHW	N4PF	EW4A	M1EMC	WM4D
W7FS	NC8I	F5JWH	N0JX	WM9Q
W7HJ	NJ2X	G0GFC	N0KM	WU1T
W7IMU	NZ1I	G8GFF	N0VTZ	YB6LAY
W9GWP	OZ5JQ	G8GNI	N1KI	YE1AR
WB4PWZ	PA3AIN	GW0KRL	N3NVA	ZS6CR
WB7QBS	R2ARR	IK7NXU	N4GOA	
WD6T	RZ6MJ	JA7PKV	N5CR	
WD9IOK	SV2BXA	JE7KCI	N5LJL	
WN9A	SV4FFL	JG0HEW	N5LKE	
XE1SAX	TG9AKH	JG3LDD	N7WFK	
YB0EIN	UA4PK	JG5VFK	N7WR	
YB9AY	VK4BUI	JN1RFY	N8HM	
YO6BHN	VU2OT	JR4VEV	N8URE	
ZS2ACP	W0ZX	K1HC	N9MKC	
	W2FDJ	K1JX	ND0B	
101	W2GHD	K1PTF	NE3K	
AA9D	W2PD	K2UF	NX6D	
AB2NI	W3RMS	K2UT	OM2AGN	
AB4EJ	W3SW	K3NO	OR4K	
AB8YZ	W4PM	K3RRR	OZ1GCT	
C31MF	W6OU	K3WSU	OZ9GA	
DD9WG	WB5KSD	K4GM	PY5VC	
DL3XAC	WD4IXD	K4KYN	R2AB	
EA4UV	WM5H	K4QS	SP2LLP	