

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 31 Dec 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 NN4T	N8DX	335 AG9S I4AVG JA0EOK JA1BK JA2FBY JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	WB9Z	UT7QF W4DKS W5BPT W5ZN
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA IK1GPG JH4IFF N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JA3FYC K9NU PY4OY W1DIG W7UT	333 F6AOJ F6DAY HA5WA JA1HGY JA2KVD JA6BZI K6YRA N4AH NJ6P PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM	331 AA1ON AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1GZE JH1RFR JI4POR K4MWB LA5IIA LZ2DF PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW	
346 N1DG SM3EVR W9ZR	340 EA8AK JA4DND K4UTE SM3NRY W2LO	337 AA6YQ JA2JPA JR3IIR K1ST K4HGX K8SIX N5ZM VE3XN W0BV W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT G4OBK JL1UXH JQ3DUE K1OA K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN K0IEA KD5M N2LT N6JV UA4HBW	
345 HA0DU JA2VPO OH1XX		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX PE5T W0MHK W1YY WD5COV			330 DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX					
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB DL4MCF JA1UQP JA5EXW K5RK N4CH				

K3WC	327	JR3GWZ	N8RR	OE6MDF	K2TE
K4CN	AB4IQ	JS2LHI	NY0V	OE8RT	K4IQJ
K4ZYU	CT1APE	K9EU	OH2BLD	SM6DHU	K5BG
K9CT	CT1IUA	K9IR	SM6DHF	SV1FJA	K5DU
N4JF	DL2OE	K9YY	SP7VC	UT7UJ	LA2PA
N8JV	EA1YO	SM4EMO	UA3AB	W4FC	LB8DC
N9IW	EA5BM	SM6CCO	UT9FJ	W8GC	RA7A
NR1R	I4EWH	SM6CMU	W7AO		SP1MGM
OK1MP*	JA5WIZ	SP1S		320	SP3CGK
RA3CQ	JE2LUN	W1RM	322	AA8CH	UX0FF
SP7GAQ	JF1WPB	W3LL	CT1BH	DM5EE	YB5QZ
W3NO	JH0INP	W6RLL	CT4NH	G0BLB	
W4UM	JJ8DGO	W9OP	EA2IA	I2EOW	317
	K0DEQ		F5PAC	JA1ANR	AB3CV
329	KW9A	324	IK4GME	JA3PIS	AB9V
GM3POI	N2BJ	DK9KX	IK8YTA	JO7WXN	DJ5FI
IT9DAA	OE2LCM	DL5DSM	JA4FKX	K1LD	DK2NG
IV3JVJ	PY2YP	FK8CP	JJ2LPV	KQ8M	DL5WW
JA2JW	RZ3AM	G0DQS	K2UO	UY5ZZ	HB9HFN
JA7KY	SM2GCQ	G4CCZ	K7NN	VE3EXY	JA2ZL
JA7MSQ	SM5CZQ	I0WDX	KU0A	W3KX	K2RW
JH1TWT	SP6M	IK5PWQ	N4DW	W5WT	K6YUI
K0EU	YO9HP	JA2BDR	N4NX	W6XA	KE9L
K1HTV		JA2DPC	OE1WEU	YV1DIG	UX1UA
N5AW	326	JJ3PRT	OH1LEU		W1GL
NI0G	EA5BY	JR2LJO	ON4CD	319	W6VX
NO8D	JA9APS	JR3OEH	PA3EWP	DJ4AX	WA7NB
OZ1CTK	JE1SYN	K5KC	R7DX	DK1FW	WD0DAN
R4GM	JF3KON	K5MC	SM5KNV	EA8AKN	WX4G
SP6CIK	K5EK	KA9CFD	UA4CC	HB0CC	
SP8NR	K8PT	KV7K	VE1DX	IK4DRR	316
W5XX	LU2NI	N1NK	VE3LYC	JA9TWN	AC4G
WA1JMP	N4PQX	N4II	W5CIA	JJ1DHY	DF2UU
	N7RT	N8BM*	W5TCX	JR7VHZ	DL6CNG
328	NK1K	OE8HIK	W8A	K6AM	G0OIL
AA5AU	ON4IQ	PY5EW		K9MM	HK3W
DK5WL	OZ1AXG	R3OK	321	N4DB	IK2QPR
DL7MAE	R5AJ	R3VA	AA4V*	N4QS	IW1ARB
IZ5EKV	SP5DIR	RV3LO	G3TXF	ON4AOI	JA1XCZ
JA1SJV	SV8CS	VE2TZT	HB9BIN	RW3RN	JA5XAE
JH2FXK	W8DCH	W8OI	IK2YCW	UA3AP	JA8EAT
JJ2KXK	WP4U	W9OL	JA0GJJ	YO3APJ	K1BD
K4QL		WB4TDH	JA1XEC		K3WA
N3NT	325		JA3AZD	318	K4HB
RU3FM	EU7A	323	JH1IFS	A45XR	K8YTO
SL0ZG	HB9DHK	AD1C	JH3CUL	AA4HP	KG8P
SP9DWT	I5NPH	EA3GP	JH3VNC	DL6KR	N5DG
SV1RK	IZ0AEG	GM3GAV	JH4ADV	G4PWA	SM3VAC
W1ECT	JA2FJP	JF1KKV	K2VV	JA2IVK	SP1JRF
W2IRT	JF1PUW	K6FG	K4EM	JA2JNA	UA3DPM
W5FKX	JF7XKY	KF0QR	KX4R	JA4EPE	W7MO
	JH8RZJ	LA7HJA	N5XZ	JH1QAX	W9ILY
	JL1RUC	N5TY*	NE1B	JH4JNG	WA2VYA

YO7LCB	313	OZ4O	JA2WYN	DL5EBE	JK1EXO
YS1RR	5B4MF	PY2XU	JA7IC	HB9DDO	K6SIK
YU3AA	CT1GFK	UR0MC	JA9GPG	HB9DDZ	K7ZA
	I3BUI	WB9CIF	JE2EHP	I1EIS	KB1JZU
315	IZ2AMW	310	JH1SJJ	IK4PLW	LA3WAA
9H1SP	JA1GRM	HB9SLO	JK1GOK	JE2LPC	OE5BWN
AA5AT	JA5IU	HL4CJG	K0GY	JR2UBS	OH8LXT
AB6QM	JA7JWF	JA2NDQ	K0KVR	K5WAF	PY7DJ
DL1DUO	JA7QVI	JF8QNF	K8OM	KD3CQ	RL3FA
G3VKW	JF2UPM	JG3FEA	K9MK	R8TX	RW4NN
HA1RB	JG3LGD	JH7RXU	KI0KB	R9FM	SM6CUK
IZ1LBG	JH1NYM	K6RO	KN5O	SP5IWA	SP2BMX
JA6VQA	JR1BAS	K8AC	KS1J	UN7JX	SP3IBS
JA8RJE	JR1BLX	KC7V	N8TR	W5AJ	SP7HOV
JA9CWJ	JS3CTQ	LA9AJA	NQ1K	W5XC	SP7ITB
JN3SAC	K0KX	NS6C	R7NW	ZL3JT	SV2AEL
JR2BJE	K5XI	R5DT	SP9JZU	305	W0VX
K8NVR	K6KLY	RA0FF	UR5EDX	AJ6T	W1SKU
N5OK	K8FL	RL9F	VA5DX	CU2AP	WT8C
NN4R	K9US	SM2OAN	VU2NKS	DJ4XA	302
OE3EVA	KG4W	SP6HEQ	W1YM	G5LP	DJ5JH
ON4IZ	LA7JO	W0YG	W2QO	JA1WSK	DL1TRK
PY2NQ	N2NL	W4BP	W5ADD	JA7BWT	F5CQ
SV2DGH	N4TL	ZS1LS	W6ENZ	JE6TSP	G3SVD
W9RN	N8KOL	309	W9MU	K0JUH	JE8CLT
WB0TEV	WD9DZV	JA1EOD	WA8WV	K3XA	K4MS
	ZS6EZ	JG4AKL	WE9R	K9NW	ON6AA
314	312	K1AR	307	N9AU*	RK4FD
CT1DKS	AA5AM	K2UU	9K2OD	PA5TT	W4QN
EA1N	F3SG	K8QM	DK2JX	RA9CMO	WA9PIE
EA6VQ	JA0CRI	K9ZO	F2JD	SM3NXS	WD4LBR
G3NDC	JA1SYY	NN4SS	I5HOR	304	301
IZ8FFA	JA1VSL	NU8Z	IK0XBX	DJ9ON	AC0A
IZ8FWN	JN1BMX	R9TO	JA1IOA	DK5AD	AE5E
JA2AH	JR6FC	RU3DX	JA2XW	HB9CEX	HB9BOI
JH1AGU	K1HT	RX3AGD	JA3GN	JA9FAI	HP2AT
JR4OZR	K3RA	UA4LY	JA6WJL	JE1DXC	JA0DIN
JR9LKE	N1IBM	W2JU	JJ3HGJ	JN1RQV	JA1LSP
K2LS	N5ORT	YB1UUN	K2SHZ	K7WP	JA1SVP
K4SO	RU3QR	308	K9RX	K8GI	JE1LFX
K5AQ	SV1CNS	A65BR	LU8EKC	N7US	JG8FWH
KB0EO	UT2UB	DL2CHN	NI6T	N9RS	K4SE
LA7AFA	W7CT	F4BKV	OE5RLM	UY5AA	LA5LJA
MD0CCE	W8HW	HB9TKS	US5WE	W5VY	MM0EAX
OE1AZS	311	HK4SAN	W7DO	303	RN3QN
OE1ZL	CT1FMX	HL2IFR	W7OM	E72U	UN6T
SM4DDE	IK0PEA	IK4ADE	W9JA	EA3GHZ	WB5JID
SV1DPI	JA2XYO	IU7QBB	WA5VGI	G3LZQ	300
SV1JG	JA4MRL	JA1IZZ	ZS2DL	HL3IUA	CT1FCX
UA6MF	KM4H	JA2VQF	306	IK2RPE	DL4CF
WB8BPU	OE3SGU		DL1KUR		

EA1AF	297	SM5FUG	EA5AT	UN7TW	286
EI2GLB	BA4RF	SP8HKT	G8DX	W1EQ	AB5A
HB9CQK	E73Y	SV1GYG	HB9BAT	W2LK	CT3HF
IW0HQE	JA3RQ	W5LT	HL2WA	WB9EEE	DL2VPO
IZ5RVG	JE7JDL	W6XK	HL3GOB		IK0AGU
JA2ATE	JJ1TKN	W7AL	IZ3ETU	289	IZ8XQC
JA9AA	K0TPP		IZ8VYU	DL9TJ	JA2FGL
K8GG	K3FRK	294	JA3ENN	I1FQH	JH1BNC
K8TL	K5VIP	AI9L	K5DHY	JA8EJO	K1LPS
K8VFX	K6ND	EA6NB	K7ZD	JA9FPI	K1RO
PA3CSR	K8WK	HA5VZ	KF2DT	JA9IFF	K5PS
VU2PTT	KG7H	HA9PP	N8II	JG1WSC	N8SNM
W3OA	KT1J	IK0HFO	R6AF	JH4GJR	UR5WA
W3RJW	W2GG	IT9CVO	W4VIC	K3UL	VE1JBC
W6TC	W6YI	JA1XPQ	W6SR	KK0M	W3GQ
W9AJ	W7ZJ	JA5SUD	WT4Q	LA3MHA	W6PJ
		JE1GWO		PU2POP	W8AXI
299	296	JH1BAM	291	R0FA	W9MJ
4X6ZK	AA8OY	JR1DUP	EA6ET	VE3EK	WN6W
DM2DXA	AD6W	K7ZV	G0EHO	W9YSX	
EW2A	CT1DOF	KD0Q	HB9RYZ		285
HB9RG	EV1R	KZ4V	JA1QXC	288	CU2DX
IK5RUN	GM0AXY	N0KV	JE3ENP	CT3MD	DL2SWN
IZ4MJP	IV3YYK	RA1QD	K1DG	JA2JRG	EA3GHQ
JA1JAT	IW0SAF	RU6L	K4ZO	LZ2JE	EA5KA
JA7LGE	JH4ALY	SV3DCX	KP2A	N4LR	IK8VRH
JG0CQK	JK1TCV	W3JX	LA5HE	N5LZ	IZ3ENH
JJ1DWT	K0KT	W9FR	N2TN	N6UK	IZ8DFO
K9SM	K3PA	YO2CMI	N7RO	UA3AGW	JA0PE
KB8VAO	K6FW		N8LJ	W1YIF	JA2IYJ
N9FN	K8VC	293	PY2KP	W2LE	JA2VMU
NA5C	LA8PT	DL1HRN	VE3CFK	W2NO	JR8AMF
UA9FAR	LU4FPZ	DL1SMA	W7BEM	W3FOX	K1USA
VE3BW	N0RB	DS1JFY	W8TN	W8AV	K6GXO
WA3AFS	RA3QK	EA3WD	ZL4TT	ZS1A	K6PJ
XE2CQ	SM6BZV	G4GIR		ZS2EZ	KJ6P
	SV9COL	IW1QN	290		LA8HGA
298	UA6YW	IZ0RVI	AA4A	287	OE1WHC
5B4AHJ	YO2RR	JA2CXF	AA8R	9M6YBG	PE1L
AA4R		JA3EOP	I4KDJ	AA8LL	W1OPD
DL7BA	295	JH0BQX	JA1KQX	IV3GOW	W9HBH
JA4ITW	AJ9C	K4JAF	JA3XNH	JA9NLE	WK7E
JA5BEN	EC3A	KD0PO	JF1NZW	JE2OVG	
JA7MYQ	JA1BPA	N2LM	JH3GCN	JF2WGN	284
JL2JVX	JA1FQI	N7IR	K5RT	K0AZ	7K1PTT
JR7WFC	JE2DZC	PY2IQ	LA2QM	N3VA	DL6JZ
K2PK	JM1FHL	S55DX	LU3CQ	N8PW	EI9FBB
K8EUR	K0BBC	WA4FFW	PP1CZ	R9SA	GM3PPE
N4RWG	K1GG		RD3AW	SM5ARL	GM3YOR
ND0N	K4XD	292	S57AT	W1VT	JA0DET
PY2VA	K5ZK	4Z4DX	SK3PY	W4YCH	JA8CJY
ZL1BYZ	N7TY	DL5CW	SV3AQR	WA6F	JG3SKK
	RM0F	E72A	UN7LZ		JH3KAI

JH3SIF	W8KEN	277	274	KB1EFS	JH3FHQ
OE2GEN		EU1KY	7M4AOE	KI4GE	JP1NWZ
OH4UI	280	F5PBM	EI6FR	N2DPF	K6EME
SM0CCM	CT1EAV	F5UJK	EI8IU	N5BO	KR0P
SM6CTQ	JA5FDJ	IZ4DPV	EW1KP	NV9L	NW7E
W2AY	JA6TMU	JA8EOT	IW0HOU	OE5FIN	OM4EX
W4FQT	JH1HHC	K2AJY	JA8ZO	PA0ZH	SM5FWW
W5ODD	JN7DOS	K8UT	JH1IAQ	SV1ACK	W5DM
W8BBQ	JR6LLN	N9RD	JM1GHT	W2OO	YB1AR
	JR7FRW	ON4CAS	K3PT	W3AP	
283	K0TT	SV1FJP	K6UM	WA1S	268
DF2GH	K4WNW	UW2ZM	K8DV	WL7E	DL9FCY
JA1RTX	N2JJ	W1KSZ	KA8SYV		HB9BUN
JL1XMN	PY2DS	W1YRC	KA8ZPE	271	JA1IAZ
K3WW	SM0NJO	W2PP	KS3F	4X1RU	JA1NWD
LA0FA	SM5CZK	W3BW	NA5DX	IK2DZN	JH2VVH
N6TA	UT7UV	W8RLS	RA5BM	IZ8EJB	K5VWW
OE8SPW	VK3HJ		SV9AHZ	JH1OCC	K6BV
OH1JP	W8LGJ	276	UA3ECJ	JM1HJG	KD4W
OH1ZK	ZS4TX	DK3WW	W3ACO	K2SN	N2AJ
ON5UE		HB9LCW		K3PU	N5JB
SA0AQT	279	IZ5BAM	273	LA9GX	SM6BGG
W1LW	AA6AA	JA7FWR	CT1BWU	N4UOZ	W0JM
W6BJH	HK1MW	JA7LMZ	DH2PC	N7XR	W2FV
	HL4GAV	JA8UIV	JA1KPH	NN4X	W9OO
282	JA2XCR	LA9VFA	JA2TBS	UA3TT	WA1YTW
K1DT	JA8DNV	N5MOA	JA6BEE	VE3YF	
K5UO	JE8TGI	ND4X	JA6GPR	W1MK	267
K8ROX	JF2XGF	NK0S	JM2RUV		DL4DW
PC3T	JH7BKN	OZ1LCG	K4RG	270	HB9MFM
SM4CTI	JK1UNZ	RX4HZ	K6IPM	AA4FL	IV3VBM
UA0BA	KQ4AV	SM5CLE	KA1ERL	BA4MY	JA2QXP
W4OX	VE3DZ	UN3G	KI5BLU	DK8MCT	JA6QHQ
WA3C	W4UCK	W1ZT	LB2TB	EA1KY	JA7BEW
XE1KK	WB2BIN	W2OIB	N4IG	F6HLC	K7XB
	WO7R	W5GO	N4JQQ	F9XL	K9FN
281	WS5W		N4QQ	G4XEE	N7BT
AD5Q		275	OZ1ACB	IW7DVM	SM5BMB
CT1FPQ	278	AB4SF	RW7M	K0BJ	W6DR
EA5OX	9A4T	DS5ACV	VK3BDX	K2KA	W6RS
F3AT	EA8RR	JE1BMJ	W4HG	K7UA	
IZ8FDH	EI9JF	JG1OGM	W8QZA/QRP	K9JF	266
JA0KJE	F2NH	JJ3CJP		N6RV	IK0UTM
JA2FCZ	JA8LRG	K1CA	272	SM7IUN	JA3BXF
JH4HMG	K2UR	N6PSE	AF9H	VE6LB	K8AJS
JO4CFV	N4HB	N7KA	I5OYY		N1API
K0GD	N9ISN	NF1G	IK5PWN	269	NU1B
N2WB	OZ4VW	OE3HWC	JF1LMB	HB9IQB	PZ5RA
N5GH	SM4AZQ	PA7RA	JH1OBS	IK7FPV	RA4CA
OZ1IKY	VE3CRG	W7MEM	K1UU	IK8EPC	SV1HEP
SM5ENX	W4MAY	WA0MHJ	K7EG	JA1OVF	W0FLS
W0LS	W8MHW	WA0RVK	K8BL	JA1VLK	W7YAQ
W8HC	WF2S	XE1MEX	K9MBQ	JA4VLK	W8MET

WB2GAI	K8FH	FG5FR	EA1JO	IZ5YHD	WA4JQS
WB3LHD	KN6KI	JA2FBC	EA7SG	JH1VUO	WV6E
WQ6Q	N1RR	JA3VPA	EB3CW	K0GW	
	NA5Q	JH3FUK	HA5PT	K3SEW	251
265	W0GG	JH4ADK	IK2PZC	KI1U	9A4W
4F2KWT	WA4LOX	JJ2WOC	JA6OXT	LA5YJ	DL2RTL
G3UAS	ZS6NJ	K1ESE	JE1PNX	NE8P	JA1DDZ
G3WPH		K8YSE	K1SM	UA3O	JA1EMQ
JA1VRU	262	LY1G	N6HC	W7HPW	JA1SKE
JA3WLN	CU3EJ	N1SV	PY2MC	WB4KTF	JA5BGA
JA4FM	I5REA	N6MZ	RU1AB		JE1VTZ
JE2RDO	JA8BAR	NT5V	SV1VS	253	JH1DGJ
JH1ACA	JK1VXE	PY5IP	W3FI	AC9O	K4VIG
JR1WCT	K8AV	SK7AX	W8MJ	FG4NO	K8CW
K0DD	LA6UL	SP6A		HL2EIZ	KG9Z
K2CBI	LA9FFA	TG9NX	256	JA6IVR	KJ7TEA
N5KM	N0RN	WS9V	BH4QYX	JA8XQI	N4SC
N9JV	N3RC	WV8DX	DH0GSU	JE1HRC	N5UL
SP6JIU	NK4L		EC1A	K6MKF	NV4B
VE3SKX	NX0I	259	F4GVO	KE1F	SM5FQQ
W2XI	OH2IS	CT3KN	FG8OJ	KM6HB	W2JLK
W6TMD	W5ZG	DJ8NT	GU0SUP	NH6T/W4	W3ABT
	W6NWS	DL9GTB	IK4HPU	UA0FO	W4SK
264	W7LGG	EW1BA	JF2VAX	W6RW	W5GAI
4Z1UF	W7QDM	HL3DE	JH1RGG	W8CZN	W8OP
EA1KP	W9PZT	JA8BNP	K4JJW	W8GNM	
F6DBX	WA3GFM	K2UFM	K6EID	WF4U	250
HB9DHG	WB8ART	NI3P	M0TTB	YB0COU	EA1RT
IK4AUY	YB2DX	PY5CC	VK3NX		EA4DEI
IS0AFM		SV1FKZ	W6DE	252	HA7TM
IZ0NRG	261	VK4CAG	W8JRK	DL7UPN	HB9EBM
JA7HRM	7K1CPT	W1KDA	WB7B	F1ICS	JH3GFA
JF2WXS	DK3PZ	W7AH	WV9L	G3KWK	JH6PFY
JR3UIC	EA3EQT			G3NKC	JL1MWI
JR4LNG	IZ8IEV	258	255	G3SBP	JR0EQQ
K8RRT	JA3FHL	CU3EQ	AI6Z	HL2KV	JR5JAJ
N1EN	JE2UFF	DK7YY	EA5RD	JA1BNW	K1KA
N1GC	JH2PWY	E21EIC	F6ECI	JA4HAW	K9YC
N8OC	K2FW	HI8R	HC1BI	JF3PNQ	K9ZM
PA7TWO	K7LJ	HL3AMO	IV3TMM	JF6XQJ	KA9UVY
SV1CQN	KM1D	JA9AGN	JK1OPL	JH4CBM	KQ3F
VE6AX	LA5SJA	JJ1BMB	K1FEV	JL1BYZ	N6KZ
W5PF	N9UA	KH2L	KR4F	JR1VAY	PA0JSE
WV4TN	OM8FR	US0YA	N1RK	K1EFI	PY2FN
	SM7CQY	W1SSN	N6PM	K5FZ	W7IU
263	WA5LFD	W5JAY	VR2XMT	KB9DAK	YL2KF
DK4TP	ZS6WB	W9EWZ	VU2CPL	OH7TV	
EA3CJ		ZL2IFB	W2/CT1GIF	W2GW	249
EA4DL	260			W2TB	AA9RR
HA7UW	AA9A	257	254	W2ZI	AC9EM
JA7XBG	EA8MT	6K5YIA	BA7IO	W7CA	AF5CC
K1KO	EA9IE	AF4HX	CT1BWW	W9FI	HL2CFY
K4KAY	EC1AIJ	DJ0UT	HB9EFK	WA4CEM	IZ8GGF

JA8FFM	246	JF2OZH	K4QE	HB9CXZ	TA1CM
JH1APK	GW4TSG	JS6TWW	K9JU	JH1DGQ	W2DXE
JH8GEU	IV3KFB	K8ME	KE8UM	JR0QFA	W7YW
JJ1QUV	JK1WSH	W1BR	KF0LA	K1RV	
K9NR	JR7GBL	W4PNY	N0ABA	K2NV	234
KF7F	KB6CIO	WB8CQV	N4HID	LB5WB	DF7EE
N3KN	W1KMA	WX2U	PY2GG	SM0MPV	DK2CC
OZ5NJ	W3ICM		SM3LGO	UN9L	HB9BYQ
SM4OLL	W5ZO	242	SP5LKJ	W8UN	HS1NGR
UN3GX		EI9FVB	UX5UO	WA0ROI	IK0LNN
VE3YV	245	JA4ZA	W0SZ	WB8B	JA2OLJ
W0RX	AJ8MH	JH1ERJ	W8WEJ	WB8ZRL	JE2EBT
W6JZ	G3KMQ	JH1WJR	W9LN	YO3JF	JH5HDA
W8IQ	HB9DVO	JR1MLU			JK1BSM
W9RC	HB9JOE	K3NQ	239	236	JR4LZX
WB8K	JA3QOS	K3WWT	AG1A	HB9DQV	K0VM
XE2D	JF1WLK	K4PB	DJ9RR	HB9ZS	K4JC
XE2X	JJ6DGP	K7FEL	DL8SDC	IK2DUW	K4MF
	JL3OUW	KJ7M	EA5B	JA1HOM	K6ZZ
248	K5IB	LU6ETB	IZ1JMN	JA1JYE	KE5FXE
AK5X	KF7PG	N2NS	IZ2FOS	JA3KNN	ND4V
DS5DNO	N0AH	N4XYZ	JA6CBG	JN1NOP	W3WST
EI2HY	N2NW	N6HY	JA7KE	K1ACL	W9MO
G3VPW	NZ3O	NF4A	JA9NFO	K2RU	WA5UA
G4FKA	OE3KLU	PA3BWD	K2XF	KK9H	
HB9DOT	S55ZZ	RC2A	K8YYY	KM3J	233
I0JBL	YB0NFL	SV8CKM	N8SHZ	KS4S	AA9GR
JA1PBV			WA6JA	N4GN	AJ4A
JE2VLG	244	241		N6IE	DS3HWS
JJ1SKG	HL5BMX	AB5C	238	OE2BZL	EA5AR
K3EA	IK8UHA	G8AJM	IK2GAJ	PA0TCA	JH1SOD
KF9UG	JA1CZI	JA1MZL	JA0LXP	W0HBH	K8BN
N4QWZ	J16IHG	JA6AVT	JF0JYR	W2YR	K8EAB
N4XP	JN1NBU	JH1UBK	K0VSH	W4GIW	N9BX
SV1IW	K0KG	JP1IOF	K2TER	WA1PMA	NE3F
VU24DX	K1XV	K4KGG	K9GA	WY6N	SM0XBI
W8IW	K1YR	K7KB	K9OR	YB2TX	W2NRA
	KK1W	KV1E	KA4RRU		W6YOO
247	VE7TK	N4OA	M0CSD	235	WB2KSK
AA7G	W0QQ	N9SF	N4PJ	EA7QW	WD8PKF
CT1FUH	W4REX	VU2DCC	N5ZC	EU1U	WE4S
K1PL	W5PJR	W5DNT	N9PGG	JA0KJD	
K3VAT	W9DX	W5QM	SV8DOU	JE1IBI	232
KH6M	WA2USA	W6AER	W3MR	K0EOO	EW4C
KZ5DX	WA3F	W8FIB	W4KA	K4YJ	G3XLF
N7DED	WA8MCD	XE1RBV	W5LO	K5CWR	HB9BNQ
NA9RB	WC3W		WA4QMQ	K8ZM	HL2ZN
OZ7FOC		240	WB0TVY	KX2A	JH0OXS
S51NM	243	G7SSE	ZL4AS	N2FF	JH6DUL
VU2CDP	DS5TOS	IW3GJF		N4IQ	JR3VMJ
W7IB	G4XRV	JA1DM*	237	NA5Z	K4ST
W9JJB	JA2EPW	JA2FSM	CT1BOY	NJ7G	K5FNQ
	JE0ART	JA3NHL	G0VXE	NW4M	KB1DMX

N3PS	228	NG7M	IK0WRB	EA5DFV	JH8UQJ
NY1V	7J1ADJ	W7HR	IK2RZP	IT9ODQ	K1RH
NY2NY	AA0MZ	WB0O	IZ8MBW	K1DJ	KK2M
RQ3A	F1RAF		JP1GUW	K1NTR	KU4BP
W6CYX	F5LIW	225	JR0AMD	K1TZQ	N6QI
W9ZCL	JA1OVD	DK5RL	K0NV	K4EU	ND3L
	JE2KSM	DS4AOW	K6IPV	K4MIJ	OZ0J
231	JF1RYU	EU1M	K9TF	K5MT	W0TM
AD5WB	KE0A	JA0EVI	KD2T	K6MM	YO3IPR
DK6OR	KE4UW	JA4CZM	KI6CG	K7AWB	
IK1IYU	KE6V	JF1MTV	KW4V	K9WX	216
JH0AWC	KV4AA	JH8NQV	LU4FW	KV4T	AC4VM
KD6UO	RA3QUA	JJ1JMZ	N4ENE	KZ9DX	CX2CC
LZ2XF	VR2CH	K0OK	WC4H	ON4ATW	DJ3XG
N8HRZ	WC2K	K1JIU	YL2TW	SM0DSF	I1YDT
NA4EA		K3SF		UR4IOR	I5XFD
SM7NDX	227	K4JWA	222	219	IT9AAI
W4UDH	DF8FT	K5YU	AK5Q	AA8SW	K5VR
	DL2RUM	MU0FAL	DJ9SO	F5JSD	K7LV
230	HB9HIT	N0ODK	DL5XL	IK5QPS	KK4OW
AH0U	I0MWI	NA2AA	E77S	JA1FJJ	KR4W
G3LUW	JA0DWY	W0FG	IZ7AUH	K5JZ	LB6KC
JA5NPV	JK1SQI	W5GZ	JM1VRW	KG6I	N4SV
JH7WQX	K0IL	W5TFW	K2AT	KI7AO	N7WS
J11VVB	K1GE	W8UV	KB5UNX	KR2Q	NC4RB
K2SY	K5GH	W9KVR	KS4YT	KR6C	PS8ACL
K5CD	KU8X	WE1P	RA4P	KX4TT	W0SR
KC9K	N1NU	YO9FNP	VE7BV	N1KC	W5VQ
N4TOL	N6OJ		W5GA	N6DX	WB3D
W2KA	NA9Q	224	W5THT	W6GRV	WS1L
W8WVM	SM7WVZ	JA8NFV	W5UQ	WA3I	
W9YE	SP7ICE	JH1OGT		WW8W	215
WB2NPY	W4DEE	JJ2KDZ	221		9H1EJ
	W5RF	JO1LVZ	EA2AAZ	218	AA7XT
229	W5SL	K1CBK	EA2AFV	DL2NOM	HB9IIO
AA3LX	WA9GON	N3RW	EA2AGV	DL4NBE	IZ0BVU
AE0P	YE4FNN	N7WO	IZ1JLG	G4VMX	JT1BV
DS4GKF		RW4CY	J11NJC	HL5OC	K1ZJA
HB9HVG	226	SM7BHH	K1NJ	I7PXV	KF4NEF
JA2VHO	DM2RM	SP6AXW	K4CGY	K5ALQ	KO6KD
JA7QQQ	I0OSI	V51B	K4MV	KE3D	N8NN
K0HD	JH1IED	W7NN	K5DV	N4JT	RN9N
K3FM	JQ1YIW	W8LMG	K5ZQ	TZ4AM	W0TT
K4CMS	K2BA	WB7BBQ	KU4XO	W3BJ	W1JGS
KD1F	K2HAT	WN6K	RU0SN	WA2NPD	W4IS
KI4DLS	K2SD	ZS2Y	W0BM	WB8BZK	W6SL
N4NW	KK0DX		WA0WWW		WA6HBR
N9JR	KK4OK	223	WB0N	217	ZL2AL
NE6I	N2KX	AB4UF		IK0CHU	
UR5FEO	N2SQW	AF2C	220	JA2NNF	214
W1WC	N5ET	EA7DUD	AA6RR	JA7ZP	3A2MW
YB1TJ	N6BM	HB9HBZ	AD7L	JG5RVQ	DJ3AS
	N9AOL	I8MTQ	DL4LAM		HB9VAB

JA7DPC	WA9BZW	207	JA7JM	W3NS	198
K0QQ		9K2BM	JA7MNF	W4RDX	AG7N
K2AZ	210	DG5LAC	JO3WHB	W7TUS	DJ0MCH
K3SX	AA4LR	JA7MAD	K4YYL	W7VY	F4WDL
N6PEQ	CU3AN	JE3EDJ	KT4AC	WE2N	IT9IPQ
N9KW	JA7FAS	K3DFL	KW1DX		IV3BSF
PY2RO	JE1PHH	K6ZP	N2KI	201	JM1ESG
W0KCJ	JH6RTO	KE1VT	OH3OJ	GI4OWA	K7PT
W4WN	KD8RQE	LA6OP	WA4MME	JA2MNB	KA1J
WB6BFG	N4TD	M0IKW	WA9DU	K0MFI	N3ND
WY1G	N8BK	N9AKR	XE1J*	K2CYS	RA3BL
	NU1O	NN9X		N4PYI	VK6OZ
213	PY2WC	OE1JIS	204	OH2LHE	W3ML
9A1AD	S54A	ON4ANN	JA0CIU	PP7LL	W6SHY
AG3V	W5WP	RD9M	JF1KML	RT5A	WA2VQV
DK3UA	W7FP	TF3DC	JL1GYZ	W1OP	WB4DNL
IV3FFI	W9IL	VK2CA	JM1SZY	W6AEA	XE1FAS
JA0LFV	WK8A	W1AW	KB5HC		YV5LI
JA1FVS	YB0DJ	W1MJB	KM9E	200	
JE4RAL		W4GE	N7ELL	HB9AGO	197
JG1JPE	209	W6KK	VU2IBI	HB9FBG	4X4MF
JG3RWX	K0LB	W9QO	W4GP	IZ5FSA	BA4TB
JR1EFG	KB2FCV	YB0MWM	W7IV	IZ8EKL	EA1DLU
KD4SN	KB4MRX		XE1L	JA3EY	EA5HM
N8GP	KL7TC	206		K3NF	IV3AVQ
NA2M*	KO8SCA	AG5W	203	KC6JAM	K6TAR
SM7GIB	N9XX	CT1HHP	7L2QAD	KM4VI	K8SIA
VK3FM	PU1KGG	HB9CRV	DF3EC	N1IA	KD1AB
W1LE	SM5BNK	IW9DNI	F5NBX	N4HN	W2CQ
	W6DCK	IZ0GYP	IK2RGT	PY3VB	W4DAO
212	W8BLA	IZ4DIW	IZ0BTB	VK6LC	W4HZ
G4ZOY	W8HMK	JA4DNC	JA7JPZ	ZS1DX	WF8R
JA1BWA	WB0ULX	JA6ENL	JH8NBJ		WQ5R
JA3LDH		JF1IRW	K0CS	199	XE1H
JP1LRT	208	JH1FVE	K1VI	AA3TH	
JR2PZX	7N3IJT	K8NK	K4GO	AC0X	196
N4FN	DL4FAP	KK5OQ	K4JKB	AD4AA	AA4UC
SM5AOG	HP2NG	KK9T	K8YE	DL5EBS	CT3CD
VK5GR	JH0NOS	KW4CQ	K9OW	HI3T	DF2UA
W5DAW	K0THN	N7NF	KA1DJ	JH0RVY	G1VDP
WW2DX	K4WES	N8BJQ	KM7R	J11WLL	HB9ESS
	K5RJ	NJ1H	N4TV	JR7ILA	I7LGM
211	K9SG	NN5E	N6PAT	K4SX	I8YAV
JJ1KZZ	KC2SST	W7IUO	W1DYJ	K4VNY	JA1XRA
JO4JDU	KK8MM	WA3WZR	W3BNN	KI4WCQ	K1JD
JR1JGA	KZ1W	WI7P	WA3FRP	MU0GSY	N2GZ
KT2C	N6ZN			N2RR	N3QE
M0HIH	NW6S	205	202	NC2Y	NA9A
N1BY	NW7US	AC9S	BV1EK	ON6KE	SP3F
N2ZA	W1FA	DL6UNF	DL8DWL	PB9FN	SP5MXZ
VR2XLN	W5FPT	GM0VRP	IK5BOH/2	V51YJ	W5AAJ
W6UC	WA6G	IK3GBG	JR1IZM	W9RXJ	W6HYI
W6WF	ZS1J	JA4DHN	N8WD	WB4YDL	WB5NHL

195 CT1ELF K4KEW KE4S KF9AF KL0S N3XM NA6MG NN2D OH6NIO SQ7FPH VE3YXO W3SB	K6XN KJ4UZU KJ4YLO N6DHZ UR3EO VA2IG WQ5T XE1EE YB1TQL	VA3OKG W2OR W9ROG WA8LRW WB4GLI	186 JA7FVA K1BZ K5EWS K5QX K6EGF KC6X N5QS VE3NJC W2NY W8RV WA5IPS WB9W WZ4RC	183 JA2KSP JA3UNA JE4CIL K6LRN LA7EIA N4MIK NA2U YB2TS	179 DL5MHQ IK1ZNM JA1BON JA3EEM JH1XFR JK1JAS JR3ADB K0PX K4OY K4WZ K9GWH KB7AK KE5TD KJ6NZ KZ2R N3KV SP5ELW VU2MSA W0UC W0ZS W1HS W4CCS W4GHW W4TUN W5JMW W8QXR
194 A65BD EA1WH EA5ZR JK1DDG K1LT KP3AH KR8T NJ3K SP6EY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R	191 AA4NC G4DDL HA5CW JH1FNU JK1AJX K1RI K5TN K8QKY KF2OG N4DWK N7MQ NK7C NO0B OV5O OZ7DN VK2HV W5IP W8UQ WF1H W18R	189 I0LYO IV3KCB JA1SGU JG1SWM K3HW K6UXO KY5I N2MEE N6NU RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP	185 AD0K IU0ICA JA3UOQ JK7LXU K0KP K3PP K9AQ KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WA6EZV WV2I	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K5DCW K7LAZ KG4JSZ KS0JD LA5LT N8NA N8NB NZ5O TF3JB VU3CAU W6SFK W7WZ	178 AA8KY EA8AXT GM4KHE IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T N4ST NG9J OZ1HPS W7HUY WB6AXD
193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM KM1C LZ2ZG N3AIU NU4B PY8WW SM5ELV SP5IXS W8NN WB6CJT	190 4X6KJ AA4U AE4M AG5CN DJ9KV EC7B F4DSE G3WW HL4CCM JA2ITK JA3AVO JH8KFE JI2UDK K5RKS K7UT K8ZT/QRP KD0AA N6MXU OT1A SM0BYD	188 EA7AN JA0GCI JH7NTW JS6SCC K2AX K2DC N2ZZ N7VPN OZ9XU PY2RN W0PE WV4V YO2DFA	184 AD6ZJ EA5RU EI1DG IK0HBN K3JM N5FEE NW7M SM2EJE UT7KF W0MS W6BK WB2HJV WB3BFC WB5STU WX0Z YB1RUS	181 EI3CTB IZ4AIB JA1SZN KY6R N1HO N6VS N8AYY NM1G NV4A UA9AEU W6TK	177 4X6UU IW8CGX IZ2EWR JF1LZQ JG3KLF K2JL K2MK K3OX
192 F6FYD IZ7GIT		187 AF6PK IK8GJR K0KV KM4NS LA4JGA N6VNI UN7BY W2CG W5BK W5ZE XE1YD		180 A61BK AA4AK DK1NAL JH1IZR K8SL NA5S TF3VS VR2XYL W4DSM WC0W	

KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND	K7STO K9HQM K9UQN KN7Y N7NW W5WI W6FL WA4BIM WA4NUF WB8QZM	F9CI JJ1BDX JQ1PCX JS6QOM K2TV K4NTO KB0V KC5LK KP4DKE KW4J N8WRL ON6MX W0MU WA4DOU WA5KBH	RD3BD SV1IZY WA6QGH WB8EKG 168 A92IO AB4GE EW1P IK1UGX JA0PZJ JA1PVX JA4FKO JH1ORA JH3EQP K0PC K0RAR KF0RQ LU8ADX LX1CW OE1ALW R4FAN SV1XV VR2MY WA9IVH	SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR 165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JR1KBJ JR6LDE K3VPZ KF9LI KG4CUY KG5NP LA2XPA N1QY N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W4CIR WB2WPM WB9PNU WC4X	PT7DX S50B W6SIY W9CSX 163 4O3A AA4OC AD5MD AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN K4SAF K9QJ KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC W1OK W1XV W4PGM W8MIL WB9B XE2YWH YO3DDZ
176 DL6NW F4FLF G4AYU JH8FIH JR1FHP K2RET K7CTV KK7YC KT8D KW9U N1JP OH3PYY VE1VOX W4LEW W9WO WA3GNW WD4IXD	173 AB6CF AI9U DM6MA HB9DVZ K6UNE K8JE KI6MQX LA9VBA N7HN N9ATF N9DR N9IO NA6O NC7B NX2X SM0EUI W2PD W4DTA W7VAS WA7BNG WY7FD	170 AC0DQ DL2JIM EA3HDZ EI5KO EI6AL JA1GVT JG1GJH JG1RYQ JK1BIB K6JJ K7CU LA2GH LB7ZG N3WD N4VN N6EM N8VV NJ6W NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	167 JA8BOV JE3FOR KA5JSM KB8NTY KE3X KH6XT N1ZJ N4PL N8JS N8OQ PT2ADM PY2SEX WA0SXV WA5NFC	N1QY N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W4CIR WB2WPM WB9PNU WC4X	N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC W1OK W1XV W4PGM W8MIL WB9B XE2YWH YO3DDZ
175 EA6UE IW1PUR IZ0CKJ JE3PCP K1ROA K4WY KD4POJ KF6HI KN7D N7NG NS3L UA1OM UA9AGX YB1RKT	172 G6MXL K5TA KD3HN KM4HQE LZ1XL N3AO N5PA N6VH N7GCO SP5ES W1ASB YB4IR	169 DM3CW JA1KXT JN4FNZ K8ZZU K9OT KI2D N4BAF N4MI N5MT N6MB	166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K0FLY KN4FO KR4BD SP7QHR	164 AC4BT CT3DL DL7JRD EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY N2XQM N7WI NA2P	162 4F1OZ AB1J BH4IGO DJ7JC DS3EXX HS8KAY JR4CZM K0SRL KC4HN NP3CW W4NBS
174 AG4Q DL5KUA JE4KCN JL6USD JR3TOE K1XE K5CR	171 AA5N AD3C CT2GZE DL5MM				

W8FN	K1EDG	NZ3M	JA4HXF	R9JX	SM0BSO
161	K8EB	PY1NS	JA8ANQ	W6RFF	VU2NXM
HB9GWJ	KM2O	W3HKK	JE6PJP	W7JET	W3KB
HB9MXY	LA8ZAA	156	JH1AQN	YV4DYJ	W4IDX
HL3ERJ	N1MD	EA3HPX	JR3QHQ	151	W4NE
JP7FSO	N4GBK	G4FTC	KC1ERO	DF1IR	WL7OU
K2HT	N4VG	G8BCG	KC4DM	DL4KUG	ZS1C
K2OP	NE5S	GM3WIL	KJ2U	J68HZ	149
K4AR	NF7D	HB9HHH	KL7NW	JA2BUR	7N2JZT
KM4A	OH3DP	IZ0FUW	NE5W	JE1COB	DS4DRE
N7JB	VA3NXM	JA1CCG	VE3FAC	J13BFC	ER0FEO
N7QT	W1EBM	JA2ODB	W5TMC	K1IG	JA0JPD
N7VZ	WD5BJT	JA9RT	W8TM	K1QN	K2KIB
NA6XX	XE1MW	JF2RSF	WA9MAG	K3GW	K4TXJ
OK2ZDL	158	JH2AJY	WN7J	K4DET	K9EXY
SM3PHM	9J2BS	JL3DGI	153	K7LAY	KD4EE
W5RDW	G4SGX	JM1LPN	HB9BEM	K9AAA	KM2E
W6DOE	IK3DVY	KA9OKH	I4JEE	KE4BKL	KP4DS
W9GG	IW0ECV	N5QZ	JR0GXA	KE8G	N0STL
160	JJ1KXB	N7RD	JR7MAZ	KK4CLY	NE0U
E70T	K4HQK	NK7Z	K0YL	N7MB	NU4Y
JA1ITJ	K5DXR	PY2CP	K3GO	NU4I	NZ0O
JA1UOA	K8GWU	W1MR	K8ROK	SM0NUE	RT0F
JF3VEC	KB2XJ	155	K9MMS	VA3EJN	TF3Y
JG2LGM	KC3AK	5P5Q	K9UWY	VA3HP	UA9MC
JK1EBA	KF7NN	DK3QM	K9YZ	W3HER	W1DAR
JK1NPH	KJ7NO	F6KOP	KK4XL	W5WLA	W4DWS
JM1JZN	N0SL	G0THF	LA2IR	W6WA	W4MA
JR1CAD	N4XXM	IV3TDM	M0MCV	WA9JWL	WA1EHK
K7LY	N6MM*	JA0EBV	N0VVV	WC2C	WF7T
N0IW	N8TFD	JA6SUJ	OH3FVP	150	148
N4MEC	W0JMP	K2DF	SP5NON	DK3BK	4F3BZ
N5WA	W8LIG	K4EZY	W3DIY	DK3FB	A71AM
N8IL	WB2RAJ	K4WM	W8OM	DL9SAD	AE0MO
NI5F	WB9ZNZ	M0IFT	W8VK	EI5GM	AI6P
W1TO	WT2P	N8IK	WB4SON	IT9ABN	F5NNN
W9FF	157	NH6L	152	IW7EDZ	IW5EIJ
YO8CRU	AB2E	NO9E	AC6BW	IZ2MHT	JF2AIJ
ZS6RJ	E20YLM	NU1T	AK9B	JA7GZM	JR3PKO
159	EI2JD	OE1HHB	BX5AA	JR7XOD	K5LY
AA3AZ	JA0NZR	UT7EC	DF2WF	K5HK	KA3GWD
CT1ESO	JA1UBZ	W5SV	DU1KT	K8WHA	KB8ZUN
DD0VE	JA3MHA	YB1AYO	G4AFJ	K9RT	LZ1MDU
DK8IZ	JE3OUW	154	IK5BSC	KI7M	N7TM
EA1P	JG1XBM	AC8TO	K2EK	KX5U	VE6TL
IK0WMJ	JH2NWP	AJ8B	K4RDU	N0TK	W4AFB
JA0ED	K9UO	DS5WQT	KB1HY	N6JOJ	W4AG
JG1WNO	N4QM	HB9ARK	KD2OV	NJ1Q	W8VI
JH1BHW	N9AZZ	JA0GZZ	KE9S	NM4SH	W9GM
K0IO	N9MB	JA1IHD	N9GKE	NZ6N	W9MAK
	NJ6K		ON4LG	ON6ZV	

147 AB9KZ EI7GY G3VQO IS0/YO3RA JJ0LZQ JK1OTP K3GGN K5UZ K8MRT KB9LIE SV8RX VR2VGM W3NRJ WB8TGY	JJ1OKK K5FXB KO4DKI KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q 144 AD0TR DL6DCD GM0VIT JR1HYA K1TKL K7QBO K8OS N5PD N5UE RN0C TF5B UY2UZ W0AIH* WX2CX WX3P 143 AA4MM AF3X DB4RG EI7JZ FM5DN HB9AAA JA1MOD K2OO K6LPO K7YMG K9BQL K9MQ KE4FW KG6D KJ4R KN7K LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS	WY0V 142 AA4DD IU4BJC JA1PUK JI1UHZ K2CJ K3GT KA6BIM KE7BMG KV7N LA1J W8WV 141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF K2JK K4RM K5VG K8RCT K9AAN KA5SYP KA5VFU N5JED N5JEY SV2JU W1ITU W1NA W5GOL W6HDG W7KKC WK9U 140 AD9DX EI6JK K0UBR K3HPA K4AU K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N2TC N7TW	NR0Q NS0D W5VU W9BS WB1ASL WW6G YB3MM 139 F5VML F6FHZ HB9DTE HL4CBX K0QB K2IRM K2WJ K9TRV KX4I N0CKC N2SG N5RN N7UJJ PY2OP R9MJ TA1PB* ZL3TE 138 AC5AA DL5KUT DL5ZB DS3EXT G0FWX JA0CVC JA1VRY K2YSY K6CW K9BO KC9G KF6A KU9S N0LD N3PV N9BVA OD5YA OE6BME PV8ABC V31CQ VE3MSC W0UHL W4EJG WA1LAD WA5POK	137 DL2RD G3PSM HL1MKT IZ0FYW JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ 136 AC9GK G0OSK IS0EBO KB8KIM NT5EE NT9F ON5GF ON5RKN VE3FRR W0ANZ W4GH W4PV W7SX WX2K 135 AA5H AB4FH DL6WM GM5YTT HZ1GW JA1DCK JA3MIO JA7MWC JJ1HLL	JL2ULM K3WGR K4OP KC3RKW KC9WPS NX8Y S53MJ W3UNX W5IO W7QHE WA7HR WB1DX WB3AVD WB6FWS WB9IWN WO5I WU1U 134 AB0RX DL4ZAB EA6AZ IZ8DEO JA5SEY JA6GXP K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KD2SC KF5WCP KN4OK LB5GI N1AH N6XT NC6RJ PA0QRB SM3WMU SP2LLP W2KNG W4UAT XE2AD 133 7J1ABD DG1SGW DL8OH G4NBS GM1BSG HB0WR
--	---	--	--	---	--

HK4EB	131	W7TG	JJ2VLY	IK8PGE	ZS6NK
JA5IBP	EA3NG	WU7X	JR1LZK	IZ8EYN	123
JM1JIV	JH1IIY	XE1ILI	K2GW	JP1GVC	AB4BJ
K6ME	JK8VMB	128	K7LFY	K0MD	AE5FM
KC2STA	JM1CMA	A71XX	KF3N	K1FUG	AI5EG
KG6WIK	K0ARM	EA1AHA	KS8W	K5NOF	DJ6OZ
KI4TZ	K7GA	EI3IO	LA2LI	K9ARZ	DS4DBF
KR4DA	KA5IAU	F4GTB	N0AB	KK5J	G6NHU
LA9KY	KD2NF	HL2DBP	N0DL	N6DW	IK0XKP
N1BKB	KN4WOJ	JA6NQT	N1BZ	NA7RH	IZ8LMA
N5EI	N0AKC	JH1AWJ	N3GTG	NN6CH	JA1GLE
OH4KRN	NG4DX	JH4GXE	NA1RL	SM5AFU	JA2HOL
OH7HM	NN6K	K6OJ	ON5EQ	W0XE	JH1RVQ
VU2ABS	W2FDM	K7PTC	VE3EDY	W3ATV	JL3RNZ
W1GY	W5EC	K9YKL	VU2TMP	W4AO	K2JGL
W3MF	130	KC2WUF	W0MF	W5CWQ	KC2THY
W6OUL	AA4QE	KD0KZE	W3KN	W6PG	KG4OJT
W9SE	DL1SWN	KD5R	WB2KSP	WA4TMJ	LA2XNA
WA6MRK	JA2LMY	KK7BR	WB9TFH	WM4AA	LX2SM
WB1S	JH3PRR	LU6XQB	WC2L	WR2G	N1ECC
YO3GJC	JL4BSE	N0JR	126	124	N1GFV
132	K2MHE	R3BB	AB9BH	DJ3EJ	N6DVR
7L3SQL	KD4CM	TF3MH	CU7AJ	EC4KW	N9RE
AA4FU	KG2U	UR9IDX	EI4HH	EI8IQ	OH3TY
AK3E	KI0HA	W0QD	IK4TVP	G4RGK	PY2ADR
AK6I	KN4JX	W5MF	IU8GNY	IT9YOZ	SV7CUD
I8NLC	N2YF	W6IS	JA5CDL	IZ1UKF	VE3VHH
IK8OZV	NS4F	W8BI	JA5XPD	IZ5BYJ	W2ARP
IZ0COI	OZ6TL	W9EBO	K2GLS	JA3AOP	W2WGK
JA9KRO	PU4MMZ	W9TO	K5KDX	J11DMH	W4UT
JF2OHQ	W1MO	WA2BOT	K5WRE	K3SUI	YB9WZJ
K4BNF	W9CTJ	WA4UWD	K7PO	K6VVK	122
K5SES	WB8RFB	WC4V	K8GT	K7HC	AA0BH
KD3UY	YO8PS	WP4CQ	K9QA	KB4DSL	AA5B
KG8OU	129	WQ1H	KC5RR	KB8DID	AB5YI
KI7HO	AD6KQ	YB0AZ	KK4CB	KC2NJ	DL6LZM
KK5ID	AE7U	ZS6AKU	KM4CQG	KC4AA	G0HSA
M3DFW	DS4EJA	127	KS4WA	KD9ZR	HC1HN
N3TR	DS4OMS	7Z1HL	N1GNB	KE8NOA	JA9ALR
N4EDT	JA0AVS	AG4TO	N5HC	KK4TKJ	K0HQW
N4QOG	JA1PLT	DJ5DT	N8YQX	KV8P	K1AJ
NN3V	JA2ACI	EA4TX	VE3TMG	KY6AA	K3DQB
ON6YH	JA3WMS	HB9TJG	VK2DAG	N0YO	K4VAC
SM7DXQ	JH1RFM	HK6K	W7FI	N4LSJ	K7BWC
UW7UA	JN1SUT	I2YPY	W9COS	N5VBK	K9KJ
W3KHZ	K7ORK	JA0BES	XE3E	NT4K	KB4ET
W4MC	KB4KBS	JE2VYM	125	W0DD	KN9N
W5FL	N9AVC	JG1LRE	AC4XO	W6ELI	N1ZZ
WA1HXX	SM2YIP	JG5DHX	AF8C	W6ND	N4GRC
WA1KXV	VK5CE	JH1HRJ	EI8GS	W8PAT	N9ATD
ZS1EL	W4BH	J11MNT	G4EHT	WW5L	UT9LC
				ZL3REX	

W1ES	DS5QLJ	AJ6X	W4PG	MM1PTT	JA4CSJ
W1HEO	F5AQB	DJ9KM	WA6VZN	N7PIB	JF1AZQ
W1KKG	IK8IPL	IZ0RPS	WB9WHQ	NE1RD	JG0HEW
W5HNK	IT9JPS	IZ1JIZ	YO6HOY	NG0G	JH1GNU
W6HB	JA1DCO	JA1CCH		NW6V	K0FJ
WF5I	JH5OTE	JA2KPW	116	OE5MPL	K1JKR
XE2MX	JJ1XVA	JA6CMQ	6K2ILX	SP5BMU	K2KNB
121	K3QB	K5KEW	AA0FT	W4OV	K4JDJ
5H8HZ	K5TU	K9KJS	EA5GXI	W5WS	K4JLD
AK0A	K9CHP	KA9JAC	EI4BZ	WB4MM	K4TR
DL7UGO	KJ6Y	KB3KJ	G8GHD	WJ5K	K7MO
HA2EQD	KM5VI	KD9BIE	IZ2CSX	WS4H	K9DUR
IK6BMU	LU3XX	KG5VK	JA5GOJ		KA5OWI
JA1CPN	N0TR	KM6WXB	JT1CO	114	KB1OIQ
JA1EYN	N0UCR	KX6C	JT1DN	AC0W	KB2TGU
JA1WTO	N1TQP	LZ1XZ	K1EO	G3CWW	KC0V
JE2DOD	N2SO	N3HYB	K4GHS	HC1HC	LU3JVO
JJ5WDC	N3DV	N8KUS	K4LCP	I0BJV	NC6R
K1LTJ	N3GS	NA9L	K8JRK	JA1CPU	S52R
K3CWF	N4UFP	VR2CC	K8MN	JA8EIA	SV2DSJ
KK4ODQ	NJ8G	W4VG	KC1RET	JG4OOU	VA3AYA
KU2A	NR2D	WA7ZXD	KD5RBU	JM3XZC	VK7ZE
N3ER	VE3QAA	WA8RCK	KQ5S	JR4DHK	W1FC
N5ZY	VR2ZXP	WB5TOI	N0ATQ	K1RE	W3JM
NA2R	VU3RGB	WD0ANB	N2ZL	K3PL	W6BBS
NA4MM	W1RG	ZS2I	N3CAL	KB1W	W7CD
NY4G	W5RYA		N4KEB	KI8AE	WB2UFF
OZ6EI	W6GJB	117	OE6CLD	N3DD	WB9YJE
PP2FN	WT5L	CE3FZ	RW6MBC	NA1DX	
TA1L	119	DL9QJ	SM1NJC	NG8T	112
TA7AZC	DL2VWR	F8EZE	VR2IL	NK5K	3C3CA
UA0FDX	F5BAR	HB9MZI	VY2RU	W0QKL	7Z1CQ
UR5FLN	HL2MHU	IS0BZR	W0LGQ	W2ZK	DL5FAC
W3/NH7C	JA6JYM	IZ7QFN	W1HQ	W8LR	G0DTX
W3JXP	K7LOL	JA8WGX	W7WES	WD0AJG	G3YFE
W4CC	LU9DO	JA9KA	W9LU	WN0L	GM0SCA
W4KCM	N5SIX	JM3GXU	WA4VJK	WT9U	IK4EWN
W7PC	N8LCU	K0FF	WW5RC	YB2BNN	IS0BQE
W9MB	ON8PHD	K4AEH		ZS4JAN	JA4RED
WA7HQD	SV1BYI	K9LCR	115		JF3AHI
WQ8T	SV2KF	KA4AHU	AA9WO	113	JH0LME
WT3Q	VK7AP	KB2S	AF7WM	AB1NS	K0XM
WU9D	W1ZK	KB5CSQ	E74A	AC0B	K4HEB
120	W3MRL	KO4PY	HL4RBR	DL2DCX	K4ZMV
AA2T	W6ZPL	KP4ED	IW2FLB	EA5DPL	K4ZRJ
AC4TO	W8EOG	KZ1X	JA0NPQ	EI2FG	K8CJY
AE5LK	W9JJ	M0NGN	JA2KGQ	F5EOT	K9KDS
AI2S	ZL2AO	N1SZ	JA3KKE	F8GB	KH6P
CT7ABD	118	N2IFA	JH8LEY	G0UJI	N0OK
CU2CE	6K5AQY	N8AGU	K8CR	G4NAQ	N8AID
DS3DNT	AE1T	VE7NY	KB4CRT	G4YCS	NQ4A
		W3LWH	KB7V	HB9GZE	NZ7Q
		W4ARK	KG4URP	JA2CPD	PV8AJ

S51DV	JH1FRW	PV8DX	107	DS5MNO	EI8JB
W1USN	JR2PAU	SP7ASZ	AB7RW	EA3AGY	FM5FJ
W3WN	K3MSB	T88UW	BG8PA	EW4DX	G3LOJ
W4LLP	K3WSU	TF1A	DJ5FZ	F5VIF	GM1TBW
W5GCX	K4KAL	VU3WUA	DK2GP	F6JSZ	HL4GHT
WA1W	K4RP	W3GP	E73D	G0OJG	JA1JYS
WD8LTM	K6DJ	W4JDS	EA2BFM	G0RPM	JE6UWU
WF4W	K6SLO	W5SG	EI5GSB	G3LPS	JJ2BLV
WJ1B	K9TVG	W7CB	G4FVZ	HI7SB	JK1AIA
WN1M	KF8PD	W7VP	IC8XIL	IZ4IRO	JK1AKA
ZL3PAH	KN6HIP	WA6URY	IW1PVT	JA3FRI	JS2IYY
	KV3W		IZ1XBB	JA7HYE	K0MB
111	N1TQ	108	JA3MAT	JF7NNI	K1ETA
AD7XG	N3YZ	7M4CLF	JE1CTA	JJ1IRS	K5WE
AJ6V	TF8GX	AC8MR	JQ2MPJ	K6VWE	K7CMZ
AK4N	W1ZZ	AC9DX	K2FJ	KA1CTL	K8FB
EI4GNB	W5JE	DB9CR	K2ZD	KA9TOX	KJ8N
EI9CN	W6TCP	DL1TPY	K4LQ	KD2RUY	KK4MA
F8DZY	W7YED	DL2AMD	K6DLB	KI4NSP	KZ4EX
G4ZWY	W8TE	DL2NAI	K7UWR	KM8V	LA9JKA
HB9ECS	W9GFB	DM5TI	KA4LBD	KT5V	LZ1JZ
JA4DLF	YB1SKR	DU1IVT	KB0EL	M0PCB	N2YU
JA5EEU	YO5QAW	E70X	KF2G	N4DJT	N9APK
JE1TNL	ZS5LEE	EA5XV	KF6XA	N6BDX	N9IXD
K2KYH		G5CL	KI0KN	N6UOZ	NC1M
K5NV*	109	HL5JYS	KJ4FZ	N7MW	NK7L
K8ZEE	AA4RX	IK1RKN	KR4U	N8OYY	OH6IH
K9JIG	AC8AZ	JA2DCN	LU5OM	N9ZJ	PV8RR
KI2Y	AF3K	JH1OVY	N0MHL	NG4C	VU2DED
N4NYY	F5DBT	JR4NUN	N1UZ	NI7F	W1MRH
NT5O	F8DHE	K3XO	NC7M	PT2DF	W1PY
PT7CB	G0MMI	K8LBT	NI8Z	PY2OC	WB8LEM
TA1UT	JA1IAW	KC8YG	OV2B	UA0ABB	WD4OHD
TA2RC	JA1QEY	KE3ZT	PP5VA	VE3BHZ	WK3A
VA6SZ	JA9IWR	KE7AUB	RM6LW	VE3XK	WK7W
W7WT	JH4GNE	KI4SFT	SV3EXP	VU2MB	WZ9B
W8PE	J11ZS	KJ2AM	TA1CQ	W0TLX	YU1LD
WB2AA	K0FD	KJ4SKO	UX5XK	W4/KL7GLL	YV4EH
WB8PKK	K4AEN	KO4XI	V31MD	W6KF	ZS1IS
WU4B	K6JAD	KW1X	VA2GA	W7GB	
XE1ZTW	KB3Z	LA4EI	W5HY	WA3IIA	104
	KB7DT	LU2AH	W8JA	WA8Y	7N4OBV
	KE9V	N3TTT	WB2BXO	WV4E	AA2WC
110	M0AQM	N5FPW	WB2MKX	ZL3RIK	AA6XV
AG5Z	N4LS	N5TW	WM4W		AB5GU
CT7ANG	N4WD	NJ2X	WS7I	105	AJ4AV
DK4MX	N6RVI	TA1HZ	ZP6CW	AA2F	CT3DZ
EA1BLA	N7TP	VE7VV		AI1W	DD8BA
EI9HX	NN8L	W4DVG	106	AP2IA	EA4EJP
G4VWI	NS7K	W6CN	AB6WQ	DL9GTK	EI3HA
HB9BEP	NW6R	W7SMW	AC7DX	E29TGW	F6ARS
HG6IA	NX1P	WB5ZAM	AC8IL	EA4E	G0DRM
IZ1EPM	PF7M	WC4B	DS2GOO	EI6GF	GW0ANA
JF3KOA					

HA5DI	K0LU	KG5POL	K3AXB	AE4VJ	KB6IGK
HB9BMY	K0OOK	KO3F	K3LA	AF9W	KC5N
JA1CC	K1FBI	N2CJN	K5HX	AK1P	KD1DT
JA1DHY	K2RNY	N2FY	K8PGJ	AK4AO	KE1IU
JA1RBY	K3PIN	N4IR	K9GL	DB6VH	KF5MDZ
JH1MYJ	K3TXW	N8KOJ	KB5YN	DC1TK	KF5TL
JI4HKA	K4NI	NA4D	KC3OPI	DK1MCS	KF9EX
K0BRO	K4PWS	NN5O	KC4ZA	DK7GH	KG4IYS
K1TWF	K4SAW	R9GM	KE9UA	DL3ANK	KI0G
K2CQW	K6XJ	S51MA	KJ5RC	DL5JH	KI3O
K4WW	K7HV	SM0XG	KU4A	DS4GQR	KI4PG
K5JUC	K9WMS	US8ZAL	LA3ANA	EA5PS	KK6MF
K7UW	KA7CVJ	VK2GR	M0PTZ	EI2HZB	KL2R
K8WVA	KP4DDY	W1GF	M5LRO	EI4DQ	KL7XO
KE4YOG	KQ6K	W7FS	N4PF	EI4GJB	KR4Q
N1FOJ	M0UPL	W7HJ	N8ERL	EW4A	M1EMC
N3PW	N1MIE	W7IMU	NC8I	F5JWH	N0JX
N4PAJ	N8URE	W9GWP	NZ1I	G0GFC	N0KM
N4ZR	N8XS	W9TVX	OZ5JQ	G8GFF	N0VTZ
N8TEM	NB3R	WB4PWZ	PA3AIN	GW0KRL	N1KI
N8WXQ	NI5G	WB7QBS	R2ARR	HB9HFM	N3NVA
NA8W	RX3BP	WD6T	RZ6MJ	IK7NXU	N4GOA
OM6CI	VE7XT	WD9IOK	SV2BXA	JA7PKV	N5CR
OZ9U	W0PPA	WN9A	SV4FFL	JE7KCI	N5LJL
PY2YW	W0RSJ	XE1SAX	TG9AKH	JG3LDD	N5LKE
R6TY	W2SUB	YB0EIN	UA4PK	JG5VFK	N7WFK
RV4LC	W4CU	YB9AY	VK4BUI	JI1LLD	N7WR
TF3G	W7KHZ	YO6BHN	VU2OT	JN1RFY	N8HM
VE3ZN	W7UV	ZS2ACP	W0ZX	JR4VEV	N9MKC
VK3MB	W8EH		W2FDJ	K0FTC	ND0B
W0VU	WA8KNE	101	W2GHD	K0JDD	NE3K
W5PD	WC9C	AA9D	W2GM	K1HC	NX6D
W9GXR	YB1ALL	AB2NI	W3RMS	K1JX	OM2AGN
WA1DD	ZL1IM	AB4EJ	W3SW	K1PTF	OR4K
WB4HMA		AB8YZ	W4PM	K1XO	OZ1GCT
WB7QXU	102	C31MF	W6OU	K2UF	OZ9GA
WF8Z	4X1VF	DD9WG	WB5KSD	K2UT	PY5VC
WX0B	5W1SA	DL3XAC	WM5H	K3NO	R2AB
YB1BUL	AC0XY	EA4OR	WU6K	K3RRR	UR8IDX
YO6HSU	DB2WD	EA4UV	WX7B	K4GM	VA2EU
ZS6HON	DL4FDM	EA8TZ	XE1AO	K4KYN	VE1JF
	IC8SQS	G3VDB	YB8HZ	K4QS	VE3KKB
103	IZ7QSS	G4GEE	YO2OXD	K4RSA	VE7ON
AF8P	JH1IHG	G4PUQ		K4TMG	VR2PX
DS5JMG	K1MDA	G8GNI	100	K5LLA	VU2OY
EA2RY	K2DH	HB9PUE	2E0XAR	K5MMH	W0RMS
EI9GLB	K2DW	IK2HLM	9M8DEN	K5PSN	W1MJC
FM4LV	K4HR	IU2LFP	A41ZZ	K5VSD	W2MW
GI3SG	K4KZM	JA1KZP	A71EM	K5YE	W2PTP
HB0RER	K6BLG	JA5ALE	AA7UN	K7VL	W4CG
JF1KIG	K6JAV	JA5JUG	AC0DH	K9EA	W4DFU
J11FXS	KA8HDE	JK3NSD	AD4J	KA2F	W4YR
JP1KHY	KB1AWM	K0GEO	AE0SQ	KA4H	W5YKU

W6OZI
W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
WU1T
YB6LAY
YE1AR
ZS6CR