

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 11 May 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 RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348 K2TQC SP5EWY	342 JR2KDN K4DY K5UR KF2O N6AR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK W1YY WD5COV WK3N	G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM WB9Z	WB6RSE 331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF 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 W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK	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 F6BKI HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4Zyu K9CT KD5M N4JF N8JV N9IW NR1R
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN			
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE SP5CJQ				
343 DF3CB K3FN K4MQG VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK F6AOJ		

OK1MP*	JH1TWT	W6RLL	K2UO	K1LD	K9MM
RA3CQ	JJ2KXK	W9OP	K6FG	K4EM	KE9L
VE3FF	JJ8DGO		K7NN	N4II	N2BJ
YO5BRZ	K0DEQ	324	KA9CFD	SP7VC	N4QS
YU1FW	KW9A	DK9KX	KU0A	UY5ZZ	NE1B
	N6JV	DL5DSM	N4DW	VE3EXY	OE1WEU
329	PY2YP	G0DQS	N4NX	W3KX	SP1MGM
GM3POI	RZ3AM	G4CCZ	OH1LEU	W6XA	UX1UA
IT9DAA	SM2GCQ	I0WDX	ON4CD	YV1DIG	W6VX
IV3JVJ	SM5CZQ	IK5PWQ	PA3EWP		WX4G
JA2JW	SP6M	JA2BDR	R7DX	319	
JA7KY	SP9DWT	JA2DPC	SM5KNV	DJ4AX	316
JA7MSQ	SV1RK	JH0INP	UA4CC	DK1FW	DF2UU
JH1GZE	W3NO	JR3GWZ	VE1DX	EA8AKN	DJ5FI
K0EU		JR3OEH	W5CIA	IK4DRR	DL5WW
K1HTV	326	K5KC	W5TCX	JJ1DHY	G0OIL
N5AW	EA5BY	N1NK	W8A	JR7VHZ	IK2QPR
NI0G	JA9APS	N8BM	WP4U	K5MC	JA8EAT
NO8D	JF1WPB	NK1K		K6AM	K3WA
OZ1CTK	K5EK	OE8HIK	321	N4DB	K4HB
R4GM	K8PT	R3OK	AA4V	ON4AOI	K8YTO
SP6CIK	LU2NI	VE2TZT	AD1C	UA3AP	KG8P
SP7GAQ	N3NT	W3LL	G3TXF	W5WT	KQ8M
SP8NR	N7RT	W9OL	HB9BIN		N5DG
W5XX	OZ1AXG	WB4TDH	IK2YCW	318	RV3LO
WA1JMP	SP5DIR		JA0GJJ	A45XR	SP1JRF
	W8DCH	323	JA1XEC	AA4HP	UA3DPM
328	YO9HP	AD5A	JA3AZD	AA8CH	W1GL
AA5AU		EA3GP	JH1IFS	DL6KR	W7MO
DL7MAE	325	GM0GAV	JH3CUL	G4PWA	W9ILY
IZ5EKV	EU7A	JF1KKV	JH3VNC	HB0CC	WA2VYA
JA1SJV	HB9DHK	JH2FXK	JH4ADV	JA2JNA	YB5QZ
JA6BZI	I5NPH	JJ3PRT	K2VV	JH4JNG	YO7LCB
JJ4POR	IZ0AEG	JR2LJO	KV7K	K2TE	
K4QL	JA2FJP	K9YY	KX4R	K4IQJ	315
PY5EG	JA5WIZ	KF0QR	LA7HJA	K5BG	9H1SP
RU3FM	JE1SYN	N5TY*	N4PQX	K5DU	AA5AT
SL0ZG	JF1PUW	N8RR	N5XZ	LA2PA	AB3CV
W1ECT	JF3KON	NY0V	OE6MDF	PY5EW	AB6QM
W2IRT	JF7XKY	OH2BLD	OE8RT	R3VA	G3VKW
W4UM	JH8RZJ	SM6DHF	SM6DHU	RA7A	HK3W
W5FKX	JS2LHI	UA3AB	SV1FJA	RW3RN	JA1ANR
	K9EU	W7AO	UT7UJ	VE3LYC	JA8RJE
327	K9IR	W8OI	W4FC	YO3APJ	JA9CWJ
AB4IQ	OE2LCM		W8GC		JN3SAC
CT1APE	ON4IQ	322		317	JR2BJE
CT1IUA	R5AJ	CT1BH		AB9V	K1BD
DK5WL	SM4EMO	EA2IA	320	DK2NG	K8NVR
DL2OE	SM6CCO	F5PAC	CT4NH	HB9HFN	N5OK
EA1YO	SM6CMU	IK4GME	DF2RG	JA2IVK	OE3EVA
EA5BM	SP1S	IK8YTA	DM5EE	JO7WXN	ON4IZ
I4EWH	SV8CS	JA4FKX	FK8CP	K2RW	PY2NQ
JE2LUN	W1RM	JJ2LPV	JA3PIS	K6YUI	SM3VAC

314	312	HB9SLO	I5HOR	JA2NDQ	IZ1LBG
AC4G	F3SG	JA1EOD	JA2XW	K8GI	JA0DIN
CT1DKS	JA1SYY	JA1VSL	JA3GN	KC7V	JA1LSP
DL6CNG	JA1XCZ	K1AR	JA6WJL	N7US	JE1LFX
EA6VQ	JA7QVI	K8QM	JJ3HGJ	N9RS	JG8FWH
G3NDC	JH1AGU	K9ZO	K2SHZ	UY5AA	JK1GOK
HA1RB	JH1QAX	NN4SS	K3RA	WE9R	K4SE
IZ8FFA	JR1BAS	NU8Z	K9RX	ZL3JT	MM0EAX
JA2AH	K1HT	R9TO	NI6T	303	PY7DJ
JA2ZL	N1IBM	RU3DX	W7DO	E72U	RN3QN
JA5XAE	N5ORT	RX3AGD	W7OM	EA3GHZ	SV2AEL
JR4OZR	RU3QR	SM2OAN	WA5VGI	G3LZQ	WB5JID
JR9LKE	SV1CNS	UA4LY	306	HB9TKS	300
K2LS	W7CT	W2JU	DL1KUR	HL3IUA	9K2OD
K5AQ	W8HW	308	DL5EBE	HL4CJG	AC0A
KB0EO	WB8BPU	DL2CHN	HB9DDZ	IK2RPE	DL1TRK
KC9ARR	311	F4BKV	IK4PLW	IK4ADE	DL4CF
LA7AFA	CT1FMX	HK4SAN	JE2LPC	JK1EXO	EA1AF
MD0CCE	IK0PEA	IU7QBB	K5WAF	K7WP	EI2GLB
OE1AZS	IZ2AMW	JA1IZZ	KD3CQ	K7ZA	IZ5RVG
OE1ZL	JA2XYO	JA2WYN	N4TL	K9MK	JA1SVP
SM4DDE	JA4MRL	JA7IC	OE5RLM	K9US	JA9AA
SV1DPI	JR6FC	JA9TWN	R8TX	KB1JZU	K3XA
SV1JG	KM4H	JG4AKL	R9FM	LA3WAA	K8GG
UA6MF	OZ4O	JH1SJN	UN7JX	RL3FA	K8TL
UT9FJ	PY2XU	JL1RUC	US5WE	RW4NN	K8VJV
UX0FF	SV2DGH	K0GY	305	SM6CUK	PA3CSR
YU3AA	UR0MC	K0KVR	DJ4XA	SP2BMX	UR5EDX
313	WB9CIF	K2UU	JA1IOA	SP3IBS	W3OA
5B4MF	WD0DAN	K8OM	JA2VQF	SP7HOV	W3RJW
CT1GFK	310	KI0KB	JA7BWT	SP7ITB	W5VY
I3BUI	JA0CRI	KN5O	JA9GPG	W1SKU	W6TC
JA1GRM	JF8QNF	KS1J	JE6TSP	WT8C	W9AJ
JA5IU	K0KX	N8TR	JH7RXU	302	299
JA6VQA	K5XI	NQ1K	JR2UBS	DJ5JH	DM2DXA
JA7JWF	K6RO	OE3SGU	K0JUH	EA1N	EW2A
JF2UPM	K8AC	R7NW	KG4W	F5CQ	G3SVD
JG3LGD	K8FL	SP9JZU	N9AU*	HB9DDO	HB9RG
JH1NYM	LA9AJA	VA5DX	PA5TT	HL2IFR	IK5RUN
JR1BLX	NS6C	VU2NKS	RA9CMO	I1EIS	IZ4MJP
JS3CTQ	RA0FF	W2QO	SM3NXS	IW1ARB	JE1DXC
K4SO	RL9F	W5ADD	UT2UB	R5DT	K6SIK
K6KLY	SP6HEQ	W6ENZ	W1YM	RK4FD	KB8VAO
LA7JO	W0YG	W9MU	W5AJ	W0VX	N9FN
LB8DC	W4BP	WA8WV	W5XC	W4QN	UA9FAR
N2NL	WB0TEV	YS1RR	YB1UUN	WD4LBR	UN6T
N8KOL	WD9DZV	307	304	301	VE3BW
NN4R	ZS1LS	A65BR	DJ9ON	AE5E	298
SP3CGK	309	DK2JX	DK5AD	CU2AP	5B4AHJ
W9RN	AA5AM	F2JD	HB9CEX	HP2AT	DL7BA
WA7NB		G0BLB			
ZS6EZ					

G5LP	JG0CQK	W7ZJ	KD0PO	IZ8FWN	LA8HGA
HB9BOI	JH4ALY	WA4FFW	LA2QM	JA1XPQ	N8LJ
IW0HQE	JM1FHL	YO2CMI	LA5LJA	JA2ATE	OE1WHC
JA1WSK	JN1RQV		LU3CQ	JE2OVG	PE1L
JA4ITW	K0TPP	292	PP1CZ	K0AZ	WK7E
JA5BEN	K1GG	DL5CW	SK3PY	K5RT	
JL2JVX	K5VIP	E72A	SV3AQR	LA3MHA	284
JR7WFC	K5ZK	EA5AT	UN7LZ	R9SA	DL6JZ
K2PK	N7TY	G4GIR	UN7TW	SM5ARL	EI9FBB
K8EUR	NA5C	G8DX	W1EQ	W1VT	GM3YOR
ND0N	RM0F	HB9BAT	W2LK	W4YCH	IK8VRH
PY2VA	SM5FUG	IZ3ETU	WB9EEE	W8AV	JA0DET
ZL1BYZ	SP8HKT	IZ8VYU	XE2CQ	WA6F	JA8CJY
	SV1GYG	JA3EOP			JG3SKK
297	VU2PTT	K3FRK	289	286	JH3SIF
E73Y	W2GG	K5DHY	4Z4DX	AA8R	JN1BMX
HB9CQK	W5LT	K7ZD	AJ6T	AB5A	K9NW
JA3RQ	W6XK	LU4FPZ	AJ9C	CT3HF	N4LR
JE7JDL	W7AL	N8II	DL9TJ	DL2VPO	OE2GEN
JE8CLT	WA9PIE	R6AF	EA6ET	DS1JFY	SM0CCM
K4MS		SP5IWA	JA8EJO	HB9RYZ	SM6CTQ
K6ND	294	W4VIC	JA9FPI	HL3GOB	W2AY
K8WK	AI9L	W6SR	JA9IFF	IK0AGU	W4FQT
K9SM	CT1FCX		JG1WSC	IK0XBX	W5ODD
KG7H	EA6NB	291	JH4GJR	IZ8XQC	W8BBQ
KT1J	HA9PP	G0EHO	K3UL	JA2FGL	
W6YI	JA1FQI	IK0HFO	K4XD	JE3ENP	283
	JA5SUD	IT9CVO	KK0M	JF2WGN	DF2GH
296	JE1GWO	JA3ENN	R0FA	K1LPS	JA1RTX
AA4R	JJ1DWT	JA9FAI	RA1QD	K1RO	JG3FEA
AA8OY	JR1DUP	JH1BAM	VE3EK	K5PS	JL1XMN
CT1DOF	K3PA	K0BBC	W9YSX	LU8EKC	K3WW
EV1R	K7ZV	K4ZO		N8SNM	KJ6P
GM0AXY	KZ4V	KP2A	288	UR5WA	OE8SPW
JA1JAT	N0KV	LA5HE	IZ0RVI	VE1JBC	W1LW
JA7LGE	OE5BWN	N2TN	JA2JRG	W3GQ	W6BJH
K6FW	RU6L	N7IR	LZ2JE	W6PJ	
K8VC	SV3DCX	N7RO	N5LZ	W8AXI	282
LA8PT	W3JX	VE3CFK	N6UK		K1DT
N0RB		W7BEM	ON6AA	285	K1USA
RA3QK	293	W8TN	PY2KP	4X6ZK	K5UO
SM6BZV	DL1HRN	W9FR	S57AT	CU2DX	K8ROX
SV9COL	DL1SMA	ZL4TT	UA3AGW	DL2SWN	OH4UI
UA6YW	EA3WD	ZS2DL	W1YIF	EA3GHQ	PC3T
W9JA	IV3YYK		W2LE	EA5KA	RD3AW
WA3AFS	JA2CXF	290	W2NO	HL2WA	SM4CTI
YO2RR	JK1TCV	AA4A	ZS2EZ	IZ8DFO	UA0BA
	K4JAF	EC3A		JA0PE	W1OPD
295	KD0Q	I4KDJ	287	JA2IYJ	W4OX
AD6W	N2LM	JA1KQX	9M6YBG	JA2VMU	XE1KK
DL1DUO	N4RWG	JA1QXC	AA8LL	K1DG	
IW0SAF	PY2IQ	JE2DZC	IV3GOW	K6GXO	281
JA1BPA	S55DX	JE2EHP	IW1QN	K6PJ	AD5Q

BA4RF	F2NH	JE1BMJ	K7EG	IK8EPC	RA4CA
EA5OX	JA8LRG	JG1OGM	K8BL	JA1OVF	SV1HEP
F3AT	K2UR	N2JJ	KA1ERL	JA1VLK	W0FLS
I1FQH	N4HB	N7KA	KI4GE	JH3FHQ	W7YAQ
IZ8FDH	N9ISN	N8PW	N2DPF	JP1NWZ	W8MET
K0GD	SM0NJO	OH1JP	N4JQQ	K0KT	WB2GAI
N2WB	SM4AZQ	ON5UE	N9RD	N4UOZ	WB3LHD
N5GH	VE3CRG	PA7RA	OE5FIN	NW7E	
OZ1IKY	W8MHW		PA0ZH	OM4EX	265
SM5ENX	W9HBH	274	SV1ACK	SM5FWW	4F2KWT
W0LS	WF2S	EW1KP	W2OO	YB1AR	G3WPH
W8KEN		IW0HOU	W3ACO		JA4FM
WN6W	277	JA8ZO	W3AP	268	JH1ACA
	EU1KY	JH1IAQ	WA1S	7M4AOE	JR1WCT
280	F5UJK	K3PT	WL7E	HB9BUN	K2CBI
CT1EAV	JA8DNV	K6UM	ZS1A	HB9IQB	N5KM
GM3PPE	JA8EOT	KA8SYV		JA1NWD	N9JV
HA5VZ	JH3KAI	KA8ZPE	271	JH4HMG	NU1B
IZ3ENH	JK1UNZ	KS3F	4X1RU	K2KA	NV9L
JA3XNH	K2AJY	RA5BM	HL4GAV	K6IPM	W6RS
JA6TMU	K8UT	SV9AHZ	IK2DZN	KD4W	WA0RVK
JA9NLE	UW2ZM	UA3ECJ	IZ8EJB	LA0FA	
JF1NZW	W1KSZ		JH1OCC	N2AJ	264
JH1BNC	W2PP	273	JM1HJG	N5JB	4Z1UF
JH1HHC	W3BW	AB4SF	K3PU	SM6BGG	EA1KP
JR6LLN	W8RLS	CT1BWU	KB1EFS	W2FV	F6DBX
JR7FRW	W9MJ	DH2PC	LB2TB	WA1YTW	HB9DHG
K4WNW	WA3C	EI6FR	NN4X	XE1MEX	IZ0NRG
PY2DS	WT4Q	IZ4DPV	OZ4VW		JA1IAZ
SM5CZK		JA1KPH	UA3TT	267	JA7HRM
UT7UV	276	JA2TBS	W1MK	IV3VBM	JR4LNG
VK3HJ	AA6AA	JA6BEE	W7MEM	JA2QXP	K1CA
W8LGJ	DK3WW	JH3GCN	WA0MHJ	JA7BEW	N1EN
ZS4TX	HB9LCW	JJ3CJP		JA8UIV	N1GC
	HK1MW	JM2RUV	270	JJ1TKN	PA7TWO
279	IZ5BAM	N4IG	7K1PTT	K6BV	SV1CQN
JE8TGI	JA2XCR	NA5DX	AA4FL	K7XB	VE3YF
JF2XGF	JA7FWR	NK0S	BA4MY	KI5BLU	VE6AX
JH7BKN	JA7LMZ	OZ1ACB	CT3MD	N3VA	W5PF
JO4CFV	LA9VFA	RW7M	DK8MCT	SM5BMB	W6TMD
KF2DT	N5MOA	W4HG	EA1KY		
KQ4AV	ND4X	W8QZA/QRP	F9XL	266	263
N6TA	ON4CAS		K0BJ	EI8IU	DK4TP
OH1ZK	RX4HZ	272	K7UA	IK0UTM	EA3CJ
VE3DZ	SM5CLE	AF9H	K9JF	IW7DVM	EA4DL
W4UCK	W1YRC	DS5ACV	K9MBQ	JA3BXF	HA7UW
WB2BIN	W1ZT	F5PBM	N4QQ	JA6GPR	JA7XBG
WO7R	W2OIB	I5OYY	PU2POP	K4RG	JR8AMF
	W4MAY	IK5PWN	VE6LB	K5VWW	K1KO
278	W5GO	JF1LMB	W8HC	K8AJS	K8FH
9A4T		JH0BQX		N6PSE	KN6KI
EA8RR	275	JH1OBS	269	N6RV	N1RR
EI9JF	CT1FPQ	K1UU	IK7FPV	PZ5RA	N7BT

NF1G	JA3WLN	K1SM	JF2WXS	KJ7TEA	G3VPW
WA4LOX	JH3FUK	N1API	JH1VUO	N4SC	HB9DOT
ZS6NJ	JJ2WOC	N6HC	K3SEW	N5UL	HL2KV
262	K1ESE	PY2MC	KI1U	NV4B	JE2VLG
CU3EJ	K4KAY	RU1AB	LA5YJ	W2JLK	JJ1SKG
I5REA	K6EME	SV1VS	NE8P	W3ABT	KF7F
JA8BAR	K8YSE	W0JM	UA3O	W4SK	N4XP
K2SN	K9FN	W5DM	W3FI	W5GAI	OZ1LCG
K8AV	LY1G	W8MJ		W6DE	SV1IW
LA6UL	N6MZ	WV4TN	253		W2TB
LA9FFA	NT5V		AC9O	250	W8IW
LA9GX	SK7AX	256	JA6IVR	6K5YIA	
N3RC	SV1FJP	BH4QYX	JA8XQI	F6HLC	247
N8OC	TG9NX	EC1A	K1FEV	HA7TM	CT1FUH
NK4L	W2XI	FG8OJ	K6MKF	HI8R	JA1PBV
NX0I	WA5LFD	GU0SUP	K8DV	JH6PFY	JJ1BMB
SP6JIU	WV8DX	IK4HPU	KE1F	JL1MWI	K1PL
W0GG	259	JA0KJE	N7XR	JR0EQQ	K3VAT
W5ZG	CT3KN	JF2VAX	UA0FO	JR5JAQ	KH6M
W6NWS	DJ8NT	JH1RGG	W2/CT1GIF	K9YC	N4QWZ
W7LGG	EA3EQT	JM1GHT	W6RW	K9ZM	N6KZ
W7QDM	EW1BA	K4JJW	WF4U	KQ3F	N7DED
W9PZT	JA8BNP	K6EID	YB0COU	OH2IS	NA9RB
WA3GFM	JE2RDO	K8RRT		PA0JSE	PY5IP
WB8ART	K2UFM	M0TTB	252	PY2FN	W7IB
WQ6Q	NI3P	N1SV	DL7UPN	UN3G	W9JJB
YB2DX	PY5CC	NA5Q	F1ICS	W7HPW	WS5W
261	W1KDA	VK3NX	G3KWK	W7IU	
DK3PZ	W7AH	W8JRK	G3NKC		246
G3UAS	258	WB7B	JA1BNW	249	AA7G
IZ8IEV	CU3EQ	255	JA4HAW	EA1RT	FG4NO
JA3FHL	DK7YY	AI6Z	JE1HRC	HL2CFY	HL2EIZ
JA4VLK	HL3AMO	EA5RD	JF3PNQ	IZ8GGF	IV3KFB
K0DD	IK4AUY	F6ECI	JH4CBM	JA1EMQ	JE1VTZ
K2FW	JA9AGN	HC1BI	JL1BYZ	JA8FFM	JK1WSH
K7LJ	K0TT	HL3DE	K1EFI	JH8GEU	JR7GBL
KM1D	KH2L	IV3TMM	K5FZ	K0GW	KB6CIO
LA5SJA	SA0AQT	JA1VRU	KB9DAK	K9NR	N6PM
OM8FR	US0YA	JK1OPL	W2GW	KM6HB	W1KMA
SM7CQY	W1SSN	JR3UIC	W2ZI	N0RN	W3ICM
SM7IUN	W9EWZ	KR4F	W7CA	N3KN	W5ZO
ZS6WB	ZL2IFB	N1RK	WV6E	NH6T/W4	W8OP
		N5BO	WV9L	OZ5NJ	
260	257	VR2XMT	251	SM4OLL	245
AA9A	AF4HX	VU2CPL	9A4W	UN3GX	AF5CC
EA8MT	DJ0UT	W5JAY	DL2RTL	VE3YV	AJ8MH
EA9IE	DL9FCY	WS9V	JA1DDZ	W0RX	EA4DEI
EC1AIJ	EA1JO	254	JA1SKE	W8IQ	G3KMQ
FG5FR	EA7SG	BA7IO	JA5BGA	W9RC	HA5PT
JA2FBC	EB3CW	CT1BWW	K4VIG	XE2D	JA3QOS
JA3VPA	IK2PZC	IZ5YHD	K8CW	248	JJ6DGP
			KG9Z	AK5X	K3EA
					KF7PG

N0AH	IS0AFM	WB4KTF	KM3J	WA5UA	W2DXE
N2NW	JF6XQJ		N4GN		W4UDH
NZ3O	JP1IOF	238	N6IE	233	230
S55ZZ	K3WWT	G8AJM	OE2BZL	AA9GR	G3LUW
YB0NFL	K7KB	HB9MFM	OZ7FOC	AA9RR	JA5NPV
244	KV1E	JA0LXP	PA0TCA	AJ4A	JA6AVT
IK8UHA	N4OA	JE1PNX	VU2CDP	DH0GSU	J11VVB
JA1CZI	W5DNT	JF0JYR	W0HBH	DS3HWS	KK9H
J16IHG	W5QM	K9GA	W2YR	EA5AR	N9PGG
JJ1QUV	WA8MCD	K9OR	W3FOX	JA0KJD	W2KA
K0KG	WX2U	KA4RRU	W4GIW	JA3NHL	W8FIB
K1KA	240	KF9UG	W6DR	JH1SOD	W8WVM
K1YR	7K1CPT	M0CSD	W9OO	K8BN	W9YE
KK1W	E21EIC	N4PJ	WA1PMA	K8EAB	WB2NPY
OE3HWC	G7SSE	N5ZC	WY6N	N9BX	
SP6A	HB9EFK	N9UA	YB2TX	NE3F	229
W0QQ	IW3GJF	W4KA	235	SM0XBI	AA3LX
W4REX	JA1DM	WA4QMQ	EA7QW	W2NRA	AE0P
W5PJR	JA2FSM	WB0TVY	EI2HY	W6YOO	AH0U
W9FI	JH1APK	ZL4AS	EU1U	WB2KSK	DL8SDC
WA2USA	JN1NBU	237	JE1IBI	WD8PKF	IK2GAJ
WA3F	KF0LA	CT1BOY	JH2VVH	WE4S	K0HD
243	N0ABA	G0VXE	K0EOO	232	K3FM
DS5TOS	S51NM	HB9CXZ	K0VSH	AC9EM	K4CMS
G4XRV	SM3LGO	HB9JOE	K5CWR	EW4C	KD1F
JA2EPW	SP5LKJ	JF2OZH	K8ZM	G3XLF	KI4DLS
K8ME	UX5UO	JH1DGQ	N2FF	HB9DVO	KS4S
W1BR	W0SZ	JR0QFA	N4IQ	JH0OXS	N3PS
W4PNY	W8WEJ	K1RV	NA5Z	JH6DUL	N4NW
242	WA4CEM	K1XV	NW4M	JR3VMJ	NE6I
G4FKA	WB8CQV	K2NV	TA1CM	K4ST	SV8CKM
JA4ZA	XE1RBV	K9JU	W3MR	K5FNQ	W1WC
JH1ERJ	239	LB5WB	W7YW	NJ7G	YB1TJ
JH1WJR	AG1A	N4HID	234	NY2NY	228
JH4ADK	DJ9RR	SM0MPV	DF7EE	RQ3A	7J1ADJ
JK1VXE	I0JBL	W6AER	DK2CC	SV8DOU	AA0MZ
JR1MLU	IZ1JMN	W8UN	HB9BYQ	W6CYX	F1RAF
K3NQ	IZ2FOS	WA0ROI	HS1NGR	W9ZCL	F5LIW
K4PB	JA6CBG	WB8B	IK0LNN	231	GW4TSG
K7FEL	JA7KE	WB8ZRL	JA2OLJ	AD5WB	JF1RYU
KJ7M	JA9NFO	WC3W	JH5HDA	DK6OR	JF1WLK
N2NS	JE2UFF	YO3JF	JK1BSM	HL2ZN	JH2PWY
N6HY	JH1DGJ	236	JR1VAY	JA1MZL	JH3GFA
VK3BDX	K2XF	HB9DQV	JR4LZX	JH0AWC	K4JC
W8CZN	K4QE	HB9ZS	K4MF	K2RU	K4KGG
W8GNM	K8YYY	JA1HOM	KE5FXE	K4YJ	KB1DMX
WB8K	N8SHZ	JA1JYE	KE8UM	K5IB	KE0A
241	NF4A	JA3KNN	KX2A	KD6UO	KE4UW
AB5C	OE3KLU	JH1UBK	ND4V	LZ2XF	RA3QUA
	OH7TV	JN1NOP	W3WST	NA4EA	UN9L
	WA6JA	K1ACL	WA4JQS	SM7NDX	VR2CH

227 DL2RUM IOMWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5SL WA9GON YL2KF	N9SF W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	221 EA2AAZ HB9HBZ IZ1JLG J11NJC K4CGY K5DV KU4XO KV4AA N4TOL N9JR RU0SN W0BM	N6DX W6GRV WA3I WW8W	215 9H1EJ AA7XT DS4GKF HB9IIO I1YDT I5XFD IZ0BVU JR0AMD JT1BV K1TZQ KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL ZL2AL ZS2Y	W3BJ W7HR
226 DM2RM EA5B I0OSI JH1IED K2BA KK4OK N2KX N5ET N6BM N9AOL NG7M VE3SKX VE7TK VK4CAG W9DX	224 JA1OVD JA8NFV JO1LVZ K1CBK K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5RF W7NN WB0O WN6K	220 AA6RR DL4DW DL4LAM EA5DFV EI9FVB IK1IYU K1DJ K1NTR K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW PA3BWD SM0DSF UR4IOR W5THT W8LMG XE2X	218 DL2NOM DL4NBE I7PXV JH1OGT K1NJ KE3D KR2Q N4JT SM7WVZ TZ4AM W5GA WA2NPD WC4H	214 3A2MW DJ3AS F4GVO HB9VAB JN7DOS K0QQ K2AZ NY1V PY2RO SP7ICE W0KCJ WB6BFG	212 G4ZOY JA1BWA JA3LDH JR2PZX JS6TWW KU4BP SM5AOG VK5GR VU2DCC W5DAW WW2DX YL2TW
225 DK5RL DS4AOW DS5DNO EU1M JA0EVI JA4CZM JE2EBT JF1MTV JH8NQV JL3OUW K0OK K1JIU K2HAT K3SF K4JWA K5YU MU0FAL N0ODK N2SQW	223 AB4UF AF2C EA7DUD I8MTQ IK2RZP IZ8MBW K6IPV KI6CG KW4V N4ENE NA2AA	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5CD K5JZ KD2T KE6V KG6I KI7AO KR6C N1KC	216 CX2CC DJ3XG EA2AFV G4VMX JA2VHO JH7WQX K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ W9MO WB3D WS1L	210 AA4LR CU3AN K3SX KD4SN KD8RQE PY2WC S54A W5WP W6WF W7FP W9IL WK8A YB0DJ	211 AA8SW JE2KSM JJ1KZZ JO4JDU K4MV KT2C N1BY SM7GIB VR2XLN WY1G
	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT K6ZZ KB5UNX KS4YT RA4P VE7BV			213 9A1AD AG3V DK3UA HB9HIT IV3FFI JA1FVS JG3RWX JR1EFG K5ALQ KK2M N6PEQ N8GP NA2M* VK3FM W1LE	209 JH6RTO JH8UQJ K0LB K0VM KB2FCV KB4MRX N4TD N9XX

PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	KK5OQ KK9T KW4CQ N6ZN N8BJQ ND3L W7IUO WA3WZR WB0N	K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N2ZA N4TV N6PAT N7ELL SV1FKZ W1DYJ W3BNN WA3FRP	PY3VB VK6LC ZS1DX	WQ5R XE1H	193 7L4VYK AE4CW DH3KM G1VDP HI3T IZ5MOQ JA0AXV JA1QIW JA3PRM K3NF KM1C KZ1W LZ2ZG N4HN NN5E NU4B PY8WW SM5ELV W8NN WA9DU WB6CJT
208 HP2NG JH0NOS K0THN K4WES K5RJ LU4FW N4FN N7WS NU1O NW6S W1FA W4WN W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR K9SG KW1DX N2KI N9KW NW7US OH3OJ WA4MME W17P XE1J	202 BV1EK G3SBP IK5BOH/2 IT9ODQ N8WD W1AW W3NS W4RDX W7TUS W7VY WE2N	199 AA3TH AC0X AD4AA JH0RVY J11WLL K4SX K4VNY KC2SST KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W6UC W9LN W9RXJ	196 CT3CD DF2UA HB9ESS I7LGM I8YAV JA1XRA JA7FAS N2GZ N3QE NA9A RC2A SP3F SP5MXZ W6HYI WA0WWW WB5NHL	195 CT1ELF JA7QQQ K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO SQ7FPH UR5FEO VE3YXO W3SB W5AAJ
207 9K2BM DG5LAC JG1JPE K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1MJB W4GE W6KK W9QO YB0MWM	204 JJ1JMZ KB5HC KM9E VU2IBI W4GP W7IV WA9BZW WB8BZK XE1L	201 DL4FAP GI4OWA IZ0GYP K0MFI N4PYI PY2GG RT5A W1OP W6AEA	198 AG7N DJ0MCH DL8DWL IV3BSF JA6ENL JM1ESG JR1IZM K2CYS K7PT KA1J N3ND RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	194 A65BD EA5ZR JM1SZY K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R	192 F6FYD HB9FBG IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG YB1TQL
206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW K8NK	203 DF3EC F5NBX IK2RGT IZ0BT JA0CIU JA7JPZ JH8NBJ K0CS K4GO	200 HB9AGO IZ5FSA IZ8EKL JA3EY JA7DPC JA7MAD JH1FVE K1ZJA KC6JAM KM4VI LA6OP N1IA	197 4X4MF BA4TB EA1DLU IT9AAI IV3AVQ JA2MNB K6TAR K8SIA W4DAO W4HZ		191 AA4NC HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K8QKY N4DWK N7MQ NK7C OZ7DN VK2HV W8UQ WF1H

WI8R	K2DC	UN7BY	NV4A	177	N7NG
190	N2ZZ	UT7KF	UA9AEU	4X6UU	NS3L
AA4U	PY2RN	W0PE	W6TK	IW8CGX	UA1OM
AC4VM	WV4V	W6BK	180	IZ2EWR	UA9AGX
DJ9KV	YO2DFA	WB2HJV	A61BK	JE4RAL	174
EC7B	187	WB3BFC	AA4AK	JF1LZQ	AG4Q
F4DSE	EA5HM	WB4YDL	AE4M	JG3KLF	DF8FT
G3WW	F4WDL	WB5STU	DK1NAL	K2JL	DL5KUA
G4XEE	IK8GJR	YB1RUS	JH1IZR	K2MK	HB9HVG
HL4CCM	N6VNI	183	K0IL	K3OX	JL6USD
JA2ITK	PP7LL	IU0ICA	K2SD	K8YE	JR3TOE
JH8KFE	W5ZE	JA2KSP	K8SL	KF4VTT	K5CR
JJ2UDK	186	JA3UNA	N7VPN	SM5CBM	K9HQM
K7UT	AF6PK	JE4CIL	NA5S	VK2AAH	K9UQN
K8ZT/QRP	I4UUL	K3HW	VR2XYL	W0IKD	N7NW
KD0AA	K5EWS	K6LRN	W4DSM	W0JW	NG9J
N3AIU	K5QX	NA2U	179	W1AO	W5JMW
N6MXU	K6EGF	W2CG	DL5MHQ	W4KVS	W5WI
SM0BYD	KC6X	W3ML	IK1ZNM	WD8KND	WA4BIM
W2OR	KK0DX	WF8R	JA3EEM	176	WA4NUF
W9ROG	N5QS	YB2TS	JH1XFR	DL6NW	WQ5T
WA8LRW	W8RV	182	JR3ADB	F4FLF	173
WB4GLI	WA5IPS	4X6KJ	K4WZ	G4AYU	7L2QAD
189	WB4DNL	I5FLN	KB7AK	JK1JAS	AB6CF
I0LYO	WZ4RC	I8LWL	KE5TD	JR1FHP	AI9U
IV3KCB	185	JA6SQR	KJ6NZ	K5DCW	DM6MA
JA1SGU	JK7LXU	JJ1CQA	KZ2R	KK7YC	HB9DVZ
JG1SWM	K0KP	K7LAZ	N3KV	KT8D	K1ROA
K3DFL	K3PP	K9AQ	NO0B	KW9U	K5ZQ
K5RKS	KE5BR	KG4JSZ	SP5ELW	LA4JGA	K6UNE
K5TN	KQ4EE	KL0S	W0ZS	LA7EIA	K8JE
K6UXO	OZ3SM	KS0JD	W1HS	N1JP	LA9VBA
KD1AB	UN7BK	LA5LT	W4CCS	N5FEE	N7HN
KY5I	VA7ZT	N4MIK	W4TUN	OZ9XU	N9DR
N2MEE	W0QC	N8NA	W8QXR	VE1VOX	NC7B
N6NU	W2WG	N8NB	178	W0MS	NX2X
OH2LHE	W5SUM	NZ5O	AA8KY	W4LEW	OV5O
ON6KE	W6RKC	VU3CAU	EA8AXT	W9WO	SM0EUI
RM3DA	WV2I	W6SFK	G4DDL	WA3GNW	TF3JB
RN3CT	184	W7WZ	IW0BYL	175	W7VAS
SM4BZH	AA4UC	XE1YD	JA1ERB	AG5CN	WA7BNG
W4AEJ	AD6ZJ	181	K1ZE	EA6UE	WY7FD
W6DPD	EA5RU	EI3CTB	K3VAR	IU8IYE	172
YB4CHP	IK0HBN	IZ4AIB	KU1T	IW1PUR	AD0K
188	JA7FVA	JK1DDG	N4ST	JA0LFV	EI1DG
EA7AN	K3JM	KY6R	N6DHZ	JE3PCP	JA1BON
JA0GCI	N8HRZ	N1HO	OZ1HPS	K0KV	K5TA
JH7NTW	NW7M	N6VS	W7HUY	KD4POJ	LZ1XL
JP1GUW	SM2EJE	N8AYY	WB6AXD	KF2OG	N3AO
K2AX		NN9X	WC0W	KF6HI	N5PA
				KN7D	

N7GCO	JA1KXT	DL1SVA	EI6IZ	162	CT1ESO
SP5ES	JE1PHH	GM7NZI	IZ0GVZ	4F1OZ	DD0VE
W1ASB	K8ZZU	HL4XM	K1XE	BH4IGO	DK8IZ
WB8QZM	K9OT	JG3KMT	K6CF	DJ7JC	EA1P
YB4IR	KI2D	JR6GHN	K6GFJ	DS3EXX	IK0WMJ
171	N5MT	K7CTV	KA1API	EA2AGV	JA0ED
AA5N	RD3BD	KM4HQE	KD8MQY	HS8KAY	JA4FKO
AD3C	SV1IZY	KN4FO	KL7TS	JR4CZM	K0IO
CT2GZE	WA6QGH	KR4BD	N2XQM	N4BAF	K1EDG
DL5MM	WB8EKG	KW4J	N7WI	NP3CW	K9QJ
F9CI	168	SV2CLJ	NA2P	W4NBS	KC4HN
IZ0CKJ	A92IO	VA7DX	PT7DX	W8FN	LA8ZAA
JA3AVO	EW1P	W4PGC	S50B	161	N1MD
JJ1BDX	JA0PZJ	W8SAX	SP7QHR	HL3ERJ	N4VG
JL1GYZ	JE4KCN	WA1ZIC	W6SIY	JP7FSO	NE5S
JS6QOM	JH1ORA	WA5NOM	W9CSX	K1BZ	NF7D
K2TV	JH3EQP	WB3JFS	163	K2OP	OT1A
K4WY	K0PC	YO3AIS	AA4OC	K4AR	VA3NXM
KB0V	K0RAR	ZL3RJ	AI4QQ	KM4A	W1EBM
KC5LK	K1VI	ZS6IR	DS4NPL	N7QT	WD5BJT
KP4DKE	K2SY	165	EA1AZ	NA6XX	XE1MW
N8WRL	KF0RQ	AG6HE	F4CPF	OK2ZDL	158
NA6O	LU8ADX	CU3HN	HA5BSW	SM3PHM	9J2BS
ON6MX	LX1CW	EI5JL	IK2ULM	W5BK	G4SGX
W0MU	N6MB	HK3PJ	JA0MRW	W5RDW	IK3DVY
WA4DOU	OE1ALW	HL1VAU	JA4GXS	W6DOE	JJ1KXB
WA5KBH	R4FAN	IK0XIH	JR6LDE	W9GG	K4HQB
170	SV1XV	JE4WOK	K0ABC	160	K4SAF
DL2JIM	VR2MY	JF1KML	K0CF	E70T	K8GWU
EI5KO	WA9IVH	JR1KBJ	K0PX	EA1WH	KB2XJ
EI6AL	WX0Z	K3VPZ	K4GN	JA1ITJ	KF7NN
JA1GVT	167	KG4CUY	KE1B	JA1UOA	KJ7NO
JG1GJH	JA8BOV	KG5NP	KO4PRE	JF3VEC	N4XXM
JK1BIB	JE3FOR	LA2XPA	KW4MM	JG2LGM	N6MM
JQ1YIW	JQ1PCX	LB7ZG	LA1CO	JK1EBA	N8TFD
K6JJ	KB8NTY	N2RJ	N0AMI	JK1NPH	W0JMP
K7CU	KD3HN	N3KS	N4KM	JR1CAD	W8LIG
LA2GH	KE3X	PT2ND	N7KDT	K7LY	WB2RAJ
N4VN	KH6XT	RA0BA	N9ATF	KC9K	WB9B
N6EM	N1ZJ	RL3BZ	N9LEO	KM4NS	WB9ZNZ
N8VV	N4PL	VK3TC	R3IS	N0IW	WT2P
NX4TT	N8JS	W2FS	SM7CZL	N4MEC	157
VE1OP	N8OQ	W6FL	VA2LC	N5WA	7N3IJT
VE2YG	PT2ADM	WB2WPM	VU2MSA	N8IL	AB2E
W0OGH	PY2SEX	WB9PNU	W1OK	NI5F	E20YLM
WA4USA	TF3VS	WC4X	W1XV	W1TO	EI2JD
YO4AUL	WA0SXV	164	W4PGM	W9FF	GM4KHE
169	WA5NFC	AC4BT	W8MIL	ZS6RJ	JA0NZR
AC0DQ	166	CT3DL	XE2YWH	159	JA1UBZ
DM3CW	AL7R	DL7JRD	YO3DDZ	AA3AZ	JA3MHA
		EA3HDZ			JE3OUW

KB7QFE	JA0GZZ	K4RDU	KX5U	PY2CP	AC7JM
KN7Y	JA4HXF	KD2OV	N6JOJ	VE6TL	AL7TC
N0SL	JA8ANQ	KE9S	N8IK	W4AG	DL1MEV
N4MI	JE6PJP	NM1G	N9IO	W4MA	EA4S
N6VH	JH1AQN	ON4LG	NM4SH	W9GM	EA7LS
N9AZZ	JH1BHW	R9JX	ON6ZV	W9MAK	EI7GY
N9MB	JM1JZN	W6RFF	SM0BSO		F1OBJ
OH3PYY	JR3QHQ	W7JET	VU2NXM	147	JH1CTV
PY1NS	JR7ILA	WA6EZV	W2NY	AB9KZ	K5FXB
W3HKK	K5DXR	YV4DYJ	W3KB	AI6P	KQ5M
W4DTA	KC1ERO		W4NE	F6KOP	KS0M
	N7JB	151	WL7OU	G3VQO	N6KK
156	NE5W	AD5MD	ZS1C	IS0/YO3RA	NS4X
EA3HPX	NH6L	AK9B		JJ0LZQ	W3DQS
GM3WIL	VA3OKG	DF1IR	149	JK1OTP	W7NP
HB9HHH	W4CIR	DL4KUG	7N2JZT	K3GGN	WR7Q
HB9MXY	W5TMC	IK1UGX	DS4DRE	K3GW	
JA1CCG	W8TM	IZ0FUW	ER0FEO	K4NTO	144
JA2ODB	WA9MAG	J68HZ	JA0JPD	K5UZ	AD0TR
JA9RT	WN7J	JA2BUR	JN4FNZ	K8MRT	DL6DCD
JH2AJY		J13BFC	JS6SCC	KB9LIE	G4FTC
JL3DGI	153	K1QN	K2KIB	SV8RX	GM0VIT
K2HT	HB9BEM	K4DET	K2RET	W3NRJ	K1TKL
KA9OKH	JA3UOQ	K7LAY	K8WHA	W8OM	K7QBO
N4QM	JH2NWP	K9AAA	K9EXY		K8OS
N5QZ	JR7MAZ	KE4BKL	KM2E	146	KB1HY
N7RD	K0SRL	KE8G	KP4DS	AE5B	N5UE
W1MR	K0YL	KK4CLY	N0STL	HP3TA	RN0C
	K4OY	N7MB	NE0U	JA3KWZ	UY2UZ
155	K8ROK	NU4I	NU4Y	JE1COB	W0AIH*
5P5Q	K9MMS	SM0NUE	NZ0O	K1IG	WB9W
AB4GE	K9YZ	VA3EJN	RT0F	K6NR	
DK3QM	KF9LI	VA3HP	TF3Y	K8ARY	143
HB9GWJ	KK4XL	W3HER	UA9MC	K8POM	AA4MM
IV3TDM	LA2IR	W5WLA	WA1EHK	KB9AIT	AF3X
JA0EBV	N0VVV	W6WA	WF7T	KM8AM	EA4D
K2DF	OH3DP	WA9JWL		N6FS	FM5DN
K4EZY	OH3FVP	WC2C	148	N6RK	HB9AAA
K4WM	SP5NON		4F3BZ	N9MR*	JA1MOD
KM2O	W3DIY	150	A71AM	NJ1Q	JF2RSF
M0IFT	W8VK	DK3BK	AE0MO	SM3DXC	K2OO
N1QY	WB4SON	DK3FB	IW5EIJ	SP9IZV	K6LPO
NK7Z		DL9SAD	JF2AIJ	TF4M	K9BQL
NO9E	152	HB9EBM	JR3PKO	WA2MUA	KE4FW
OE1HHB	4O3A	IT9ABN	K4TXJ	WA3SKQ	KG6D
UT7EC	AC6BW	IZ2MHT	K5LY	WW8RT	KJ2U
W5SV	BX5AA	JA1IHD	K7STO	XE2B	KJ4R
YB1AYO	DF2WF	JA6SUY	KA3GWD	YB1BML	KN7K
	DU1KT	JA7GZM	KB8ZUN	ZS6UT	LB2TG
154	G0THF	K5HK	KD4EE		N2YBB
AC8TO	G4AFJ	K9RT	LZ1MDU	145	N4GBK
AJ8B	IK5BSC	K9UWY	N0TK	5T5PA	N4UP
DS5WQT	K2EK	KI7M	NJ6K	AA5TL	N7ZA

TG9AJR	K7VC	137	KC3RKW	JA5IBP	131
W4JVN	KC3AK	DL2RD	N7TW	JM1JIV	EI5GM
W4UFO	LA8PDA	G3PSM	NX8Y	K6ME	JH1IYY
W7VS	LZ2HM	HL1MKT	S53MJ	K7YMG	K0ARM
WY0V	N5JED	JH1SBE	W5IO	KC2STA	K5SES
	VE3NJC	K2CDJ	W7QHE	KG6WIK	K7GA
142	W5VU	K2RKJ	WA7HR	KI4TZ	KA5IAU
AA4DD	W9BS	K4AU	WB3AVD	LA9KY	KO4DKI
I4JEE	WB1ASL	K6IRA	WB6FWS	N1BKB	NG4DX
JA1PUK	WW6G	KP4N	WB9IWN	NT9F	NN6K
J11UHZ	YB3MM	N5RN	WO5I	OH4KRN	VE3NKS
K2CJ		N7VZ		OH7HM	W5EC
K3GT	139	N9NFT	134	V31CQ	
K9UO	F5VML	NI4Y	AB0RX	VU2ABS	130
KA6BIM	HB9ARK	NU1T	AB1J	W1GY	AA4QE
LA1J	HB9DTE	OE3JAG	DL4ZAB	W1ITU	DL1SWN
W8WV	HL4CBX	SM5CSS	EA6AZ	W3MF	JA2LMY
YO8CRU	K0QB	SP3EPG	IZ8DEO	W6OUL	JH3PRR
	K9TRV	TA1AL	JA5SEY	W9SE	JL4BSE
141	KX4I	W2GGY	JA6GXP	YO3GJC	K2MHE
7K3QPL	N0CKC	W4UEF	JR0GXA		KB3IFH
9H1AE	N2SG	W9MR	JR1HYA	132	KD2NF
EA1T	N7NF	WA0WOF	K3KY	AA4FU	KI0HA
EI3ISB	N7UJJ	WA5YOM	K7FL	AK3E	KN4JX
HB9EXQ	R9MJ	WG0G	K7RAN	AK6I	N2YF
IZ3XEF	ZL3TE	WS1F	K7YZO	I8NLC	N7TM
K2JK			K9JDP	IK8OZV	NS4F
K4RM	138	136	K9SUH	IZ0COI	OZ6TL
K5VG	AC5AA	DM5JBN	KA9JCP	JA9KRO	PU4MMZ
K8RCT	DL5KUT	G0OSK	KD2SC	K4BNF	W1MO
K9AAN	DL5ZB	IS0EBO	KF5WCP	KB8KIM	W9CTJ
KA5SYP	G0FWX	NT5EE	KN4OK	KD3UY	WB8RFB
KA5VFU	JA0CVC	ON5GF	LB5GI	KG8OU	YB2IQ
KE7BMG	JA1PVX	VE3FRR	N1AH	KI7HO	YO8PS
NZ6N	JA1VRY	W0ANZ	N2TC	KK5ID	
SV2JU	K2YSY	W4GH	N6XT	M3DFW	129
TF5B	K6CW	W4IDX	NC6RJ	N3TR	AD6KQ
VE3FAC	K9BO	W4PV	PA0QRB	N4EDT	AE7U
W1NA	KC9G	W7SX	SM3WMU	N4QOG	DS4EJA
W3IZ	KF6A		W1DAR	NN3V	JA0AVS
W5GOL	KL7NW	135	W2KNG	ON6YH	JA1PLT
W6HDG	KU9S	AB4FH	W4UAT	PY2OP	JA2ACI
WK9U	N3PV	GM5YTT	W7KKC	SM7DXQ	JA3WMS
	N9BVA	HZ1GW	WB1DX	UW7UA	JF2OHQ
140	OD5YA	JA1DCK	XE2AD	VU3WEW	JH1RFM
AD9DX	PV8ABC	JA3MIO		W3KHZ	JM1CMA
EI6JK	TA1PB	JA7MWC	133	W4MC	JN1SUT
EI7JZ	W0UHL	JJ1HLL	7J1ABD	W5FL	K7ORK
JG1RYQ	W4DWS	JL2ULM	DL8OH	WA1HXX	KB4KBS
JJ1OKK	W4EJG	K2WJ	G4NBS	WA1KXV	KN4WOJ
K0UBR	WA5POK	K3HPA	GM1BSG	ZS1EL	N8BK
K5GZR		K3WGR	HB0WR		N9AVC
K6EV		K4OP	HK4EB		PY3OG

SM2YIP	K7LFY	IZ8EYN	WB1S	KN9N	AE5LK
VK5CE	KF3N	JH8FIH	WW5L	N1ZZ	AI2S
W7TG	KS8W	JP1GVC	ZL3REX	N4GRC	CT7ABD
XE1ILI	LA2LI	K5NOF		N9ATD	CU2CE
128	N0AB	K9ARZ	123	UT9LC	DS3DNT
A71XX	N0DL	KK5J	AB9BH	W1ES	DS5QLJ
EA1AHA	N1BZ	NA7RH	AE5FM	W1HEO	F5AQB
EI3IO	N3GTG	NN6CH	AI5EG	W1KKG	IK8IPL
F4GTB	NA1RL	SM5AFU	DJ6OZ	W5HNC	IT9JPS
HL2DBP	ON5EQ	TF3MH	DS4DBF	W6HB	IZ0FYW
JA6NQT	VE3EDY	W0XE	G6NHU	XE2MX	JA1DCO
JH1AWJ	VU2TMP	W4AO	IK0XKP		JH5OTE
K6OJ	W0MF	W5CWQ	IZ8LMA	121	JJ1XVA
K7PTC	W3KN	W6PG	JA1GLE	AB4BJ	K9CHP
K9YKL	WA2BOT	W7FI	JA2HOL	AK0A	KG4OJT
KC2WUF	WB2KSP	WA1LAD	JH1RVQ	DL7UGO	KJ6Y
KD5R	WB9TFH	WA4TMJ	JL3RNZ	HA2EQD	KK7BR
KG2U	126	WM4AA	K0MD	IK6BMU	LU3XX
N0JR	CU7AJ	WR2G	K2JGL	JA1CPN	N1TQP
N5EI	DS3EXT	124	KC2THY	JA1EYN	N3DV
NR0Q	EI4HH	AA5H	KD0KZE	JA1WTO	N3GS
R3BB	IK4TVP	AF8C	KO8SCA	JE2DOD	N4UFP
UR9IDX	IW7EDZ	DJ3EJ	LA2XNA	J15WDC	NR2D
W0QD	JA5CDL	EC4KW	LX2SM	K1LTJ	PP2FN
W5MF	JA5XPD	EI8IQ	N5JEY	K3CWF	VE3QAA
W6IS	JH4GXE	G4RGK	N6DVR	K9MQ	VR2ZXP
W8BI	JK8VMB	IT9YOZ	N9RE	KK4ODQ	VU3RGB
W9EBO	K2GLS	IZ1UKF	OH3TY	KU2A	W1RG
WA4UWD	K5KDX	IZ5BYJ	PY2ADR	N3ER	W5RYA
WC4V	K7PO	J11DMH	SV7CUD	N5ZY	W6GJB
WP4CQ	K8GT	JM1LPN	VE3VHH	NA2R	WT5L
WQ1H	K9QA	K3SUI	W2WGK	NA4MM	YB0AZ
ZS6AKU	KC5RR	K6VVK	W4UT	NY4G	
	KC9WPS	K7HC	WB8TGY	OZ6EI	119
127	KK4CB	KB8DID	WU7X	TA1L	DL2VWR
7Z1HL	KM4CQG	KC2NJ	WX3P	UA0FDX	F5BAR
AG4TO	KS4WA	KC4AA	YB9WZJ	W2ARP	HL2MHU
DJ5DT	N5HC	KD9ZR	ZS6NK	W3NH7C	JA6JYM
DL9GTB	N8YQX	KK4TKJ		W3JXP	K7LOL
EA3NG	N9XG	KV8P	122	W4CC	K8EB
EA4TX	VE3TMG	M0MCV	AA0BH	W4KCM	LU9DO
G8BCG	VK2DAG	N0YO	AA5B	W5UQ	N1GNB
HB9TJG	VR2VGM	N4LSJ	AB5YI	W7PC	N8LCU
HK6K	W8VI	N5VBK	DB4RG	W9MB	ON8PHD
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JA0BES	XE3E	W0DD	HC1HN	WB7BBQ	SV2KF
JE2VYM		W2FDM	JA9ALR	WQ8T	VK7AP
JG1LRE	125	W4BH	K0HQW	WT3Q	W1ZK
JG5DHX	AC4XO	W6ELI	K1AJ	WU9D	W6ZPL
JH1HRJ	EI8GS	W6ND	K3DQB		W8EOG
J11MNT	G4EHT	W8PAT	K4VAC	120	ZL2AO
JR1LZK	IK8PGE	W9TO	K9KJ	AA2T	
			KB4ET	AC4TO	

118	116	OE5MPL	K2KNB	W3WN	JR4DHK
6K5AQY	6K2ILX	W4OV	K4JDJ	W4LLP	K3MSB
AC9GK	AA0FT	W5WS	K4JLD	W5GCX	K4KAL
AE1T	EA5GXI	WB4MM	K4TR	WB2UFF	K4RP
AJ6X	EI4BZ	WJ5K	K5WRE	WD8LTM	K6DJ
DJ9KM	G8GHD	WS4H	K7BWC	WF4W	K6SLO
IU8GNY	IZ2CSX		K7MO	WJ1B	K9TVG
IZ0RPS	JA2KPW	114	K9DUR	WN1M	KF8PD
IZ1JIZ	JT1CO	F6FHZ	KA5OWI	ZL3PAH	KV3W
JA6CMQ	K4LCP	G3CWW	KB1OIQ		N1TQ
JH3LCU	K8JRK	HC1HC	KB2TGU	111	N3YZ
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KA5JSM	K9GWH	JA1CCH	LU3JVO	AK4N	TF8GX
KA9JAC	KC1RET	JA1CPU	M0NGN	EI9CN	W1ZZ
KB3KJ	KD5RBU	JA8EIA	N6DW	F8DZY	W5JE
KD9BIE	N0ATQ	JG4OOU	NA9L	G4ZWY	W6TCP
KG5VK	N0UCR	JM3XZC	S52R	HB9ECS	W7YED
KX6C	N1GFV	K1RE	SV2DSJ	JA4DLF	W8PE
LZ1XZ	N2ZL	K2IRM	VA3AYA	JA5EEU	W8TE
N3HYB	N4KEB	K3PL	VK7ZE	JE1TNL	W9GFB
N8KUS	OE6CLD	KB1W	W1FC	K2KYH	YB1SKR
VR2CC	RW6MBC	KI8AE	W3JM	K5NV*	YO5QAW
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WA8RCK	VY2RU	NG8T	WB9YJE	KI2Y	109
WB5TOI	W1HQ	NK5K		KM5VI	AA4RX
ZS2I	W7WES	W0LGQ	112	N4NYY	AC8AZ
	W9LU	W0QKL	3C3CA	NT5O	AF3K
117	WA4VJK	W2ZK	7Z1CQ	PT7CB	DL9QJ
AD7L	WW5RC	W8LR	G0DTX	TA1UT	F5DBT
CE3FZ		WD0AJG	G3YFE	TA2RC	F8DHE
F8EZE	115	WN0L	GM0SCA	TA7AZC	G0MMI
IS0BZR	AA9WO	WT9U	IK4EWN	W7WT	JA5GOJ
IZ7QFN	AF7WM	XE1EE	IS0BQE	WB8PKK	JA9IWR
JA9KA	E74A	YB2BNN	JA4RED	WU4B	JH4GNE
JM3GXU	HB9MZI	ZS4JAN	JA8WGX	XE1ZTW	J11ZS
K0FF	HL4RBR		JF3AHI		K0FD
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KO4PY	K5TU	EI2FG	K4ZRJ	CT7ANG	M0AQM
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W5SG	EA2BFM	IZ4IRO	K0MB	K0BRO	KA7CVJ
W7CB	EI5GSB	JA3AOP	K1EO	K1TWF	KP4DDY
W7VP	IC8XIL	JA3FRI	K1ETA	K2CQW	KQ6K
WA6URY	JA3MAT	JF7NNI	K2GW	K4WW	M0UPL
108	JE1CTA	JG1XBM	K5WE	K5JUC	N1MIE
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DL2AMD	K6DLB	KM8V	KR0P	N4PAJ	W4CU
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IK1RKN	LU5OM	N8OYY	NC1M	PY2YW	YB1ALL
JA2DCN	N0MHL	N9ZJ	NC7M	RV4LC	ZL1IM
JA2KGQ	N1UZ	NG4C	NK7L	VE3ZN	102
JH1OVY	NI8Z	NI7F	OH6IH	VK3MB	4X1VF
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KI4SFT	W5HY	W0TLX	WK3A	YO6HSU	JH1IHG
KJ2AM	W8JA	W4/KL7GLL	WZ9B	ZS6HON	K1MDA
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KW1X	WB2MKX	WA3IIA	104	DS5JMG	K4HR
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N5TW	WU1U	105	CT3DZ	HB0RER	KB1AWM
N7TP	ZP6CW	AA2F	EA4EJP	JA7HYE	KO3F
VE7VV	106	AI1W	EI3HA	JF1KIG	N2CJN
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W6CN	AC7DX	DL9GTK	F6ARS	JP1KHY	N4IR
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WC4B	DS5MNO	F5VIF	GW0ANA	K2RNY	NN5O
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AB7RW	EW4DX	HL4GHT	HB9BMY	K3TXW	S51MA
BG8PA	F6JSZ	JA1JYS	JA1CC	K4NI	SM0XG
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	G0RPM	JE6UWU	JA1RBY	K4SAW	VK2GR

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W7FS	NC8I	G0GFC	N0KM	WM9Q
W7HJ	NJ2X	G4PUQ	N0VTZ	WU1T
W7IMU	NZ1I	G8GFF	N1KI	YB6LAY
W9GWP	OZ5JQ	G8GNI	N3NVA	YE1AR
WB4PWZ	PA3AIN	GW0KRL	N4GOA	ZS6CR
WB7QBS	R2ARR	IK7NXU	N5CR	
WD6T	RZ6MJ	JA7PKV	N5LJL	
WD9IOK	SV2BXA	JE7KCI	N5LKE	
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XE1SAX	TG9AKH	JG3LDD	N7WR	
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	W0ZX	K1JX	NE3K	
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EA8TZ	WU6K	K5LLA	VE1JF	
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JA5ALE	9M8DEN	KA2F	W4CG	
JA5JUG	A41ZZ	KA4H	W4DFU	
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K3AXB	AC0DH	KD1DT	W5YKU	
K3LA	AD4J	KE1IU	W6OZI	
K5HX	AE4VJ	KE8NOA	W9KM	
K8PGJ	AK1P	KE9V	W9ZT	
K9GL	AK4AO	KF5MDZ	WA2ALY	
KB5YN	DB6VH	KF5TL	WA2VJL	
KC3OPI	DC1TK	KF9EX	WA3UTC	
KC4ZA	DK1MCS	KG4IYS	WA3YZD	
KD2RUY	DK7GH	KI0G	WB0RXQ	
KE9UA	DL3ANK	KI3O	WB2ZEX	
KJ5RC	DL5JH	KI4PG	WB6RAB	
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