

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 28 Apr 2024, 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	K4DY	338	N0XA	WD5COV	W9RPM
K2TQC	K4MQG	CT1EEB	N4KG*		WB6RSE
	KF2O	JA5EXW	N5UR	332	
347	N6AR	K9NU	N5ZM	AA1QD	330
K4CIA		SM3NRY	OK3GU	DF3GY	DJ2YA
K8MFO	341	W1DIG	PE5T	DF4PL	DL1AMQ
N4WW	4X4DK	W7UT	SP8AJK	DJ8NK	EA5RM
SP5EWY	DJ6RX		W0MHK	F6AOJ	EY8MM
W1JR	G3KMA	337	WK3N	JA0UUA	F6BKI
W4DR	I4EAT*	DL4MCF		JA2FBY	GM3YTS
	K5UR	I4LCK	334	JA4DLP	HA5WA
346	N2TK	JA3FYC	DJ9ZB	JA5MHD	IK4DRY
N1DG	N4CC	PY4OY	EA4KD	K1OA	JA1ADN
SM3EVR	OH2BU	SP9FKQ*	JA1BK	K3UA	JA3EMU
	OZ3PZ	W2YC	JA5AQC	K4XP	JG3QZN
345		W3LPL	K2PLF*	N2LT	JL1UXH
HA0DU	340	W9IXX	K3KO*	SM6CVX	K3WC
OH1XX	AA1V		K4XO	SP2FAX	N4JF
W9ZR	DJ2BW*	336	N4XM	UA4HBW	N8JV
	DJ9KG	AA6YQ	N8DJX	W1YY	N9IW
344	JA4DND	G4BWP	OE6IMD	W5BPT	OE3GCU
JA2VPO	JH4IFF	JA1WPX	SM5AQD	WB9Z	OK1MP
OZ1BTE	K4UTE	JA2JPA	SP3EPK		PY2BW
OZ1LO	K9QVB*	K1ST	UA6A	331	SP3E
PY2XB	N0AT	K2FF	W4PK	DJ9HX	YU1FW
SM0AJU	NN4T	K4HGX		F6DAY	
VE1YX	PA3FQA	K5NA*	333	HB9BGV	329
W3YX	SP5CJQ	K5RK	EA6SX	I4AVG	AA7A
	VE3EJ	N3XX	F6EXV	IK8HJC	EI7BA
343		VE3XN	G0JHC	JA1HGY	HB9BZA
K3FN	339	W0BV	G3XTT	JA2KVD	I4MKN
K4PI	EA8AK	W2LO	JA0EOK	K0IEA	IK5HHA
N4MM	IK1GPG		JQ3DUE	LZ2DF	IK6DLK
VA3DX	JA1UQP	335	JR3IIR	PY5HOT	IT9DAA
W3UR	N4CH	AG9S	K6YRA	UT5UGR	IV3JVJ
	N8DX	JA4LKB	N4AH	UT7QF	JA2JW
342	SM3GSK	JA5AUC	PY2SP	W4DKS	JA7KY
DF3CB		JH4UYB	R7LV	W5OZI	JE2URF
JR2KDN		K8SIX	SM5CEU	W8UVZ	K0EU

K4ZYU	326	WB4TDH	JH4ADV	N4PQX	RV3LO
LA5IIA	AB4IQ		JH8RZJ	PA3EWP	SP1JRF
N5AW	I4EWH	323	JJ3PRT	R5AJ	UA3DPM
NJ6P	JA1SJV	DK9KX	JR3OEH	SV1FJA	W7MO
NO8D	JA7MSQ	EA3GP	K2UO	UA3AP	W9ILY
NR1R	JH1TWT	JA9APS	K2VV	W5WT	YO3APJ
OZ1CTK	LU2NI	JF1KKV	N3NT		YO7LCB
SP7GAQ	N4JJ*	JH2FXK	NK1K	318	
W0DJC	N7RT	JR3GWZ	OE6MDF	A45XR	315
	RA3CQ	K8PT	OE8RT	AA4HP	9H1SP
328	RU3FM	KF0QR	OH2BLD	AD5A	AB6QM
AA1ON	RZ3AM	N5TY	ON4IQ	DJ4AX	G3VKW
AA5AU	SP6M	SM4DHF	OZ1AXG	DL6KR	HB0CC
DL7MAE	SV1RK	SM6CMU	SM6DHU	EA1YO	IK4DRR
G4OBK	W8DCH	SP1S	UT7UJ	G4PWA	JA8RJE
GM3POI	WJ4T*	VE2TZT	W3GH*	J12KXK	JR2BJE
IZ5EKV	YO9HP	W3NO	W8GC	K2TE	JR7VHZ
JA6BZI			W8OI	K4IQJ	KE9L
JH1GZE	325	322		K5DU	N5OK
J14POR	CT1APE	CT1BH	320	K9IR	OE3EVA
K1HTV	CT1IUA	EA5BY	DF2RG	K9YY	ON4AOI
K4CN	EU7A	G0DQS	F5PAC	LA2PA	ON4IZ
K4MWB	JA2FJP	HB9DHK	G3TXF	PY5EW	PY2NQ
K4QL	JA5WIZ	IK4GME	I2EOW	R3VA	SM3VAC
K9CT	JS2LHI	JF3KON	IK5PWQ	RA7A	UX1UA
KD5M	K0DEQ	JH0INP	JA3PIS	W3KX	
NI0G	K5EK	JJ2LPV	JA4FKX	W4FC	314
PY5EG	K9EU	KU0A	JE2LUN		CT4NH
R4GM	OE2LCM	KW9A	JH1IFS	317	DM5EE
SL0ZG	SM4EMO	N1NK	JR2LJO	AA4V	G3NDC
SP6CIK	SM5CZQ	N4DW	K1LD	EA2IA	JA2AH
W5FKX	SP5DIR	N4NX	K6FG	IK2YCW	JF1PUW
W5ZN	W6RLL	N8RR	N4II	IK8YTA	JR4OZR
WA1JMP	W9OP	ON4CD	N5XZ	K2RW	JR9LKE
YO5BRZ		R7DX	NY0V	K6YUI	K1BD
	324	SV8CS	SM5KNV	KA9CFD	K2LS
327	DL5DSM	UA3AB	SP7VC	N2BJ	K4UEE*
DK5WL	EA5BM	UA4CC	UY5ZZ	SP1MGM	K5AQ
DL2OE	I0WDX	VE1DX	VE3EXY	W6VX	KB0EO
HB9AMO	I5NPH	W1ECT	W6XA	WX4G	KC9ARR
IK4BHO	IZ0AEG	W3LL	W7AO		KG8P
J18DGO	JA2DPC	W5CIA	YV1DIG	316	OE1AZS
N6JV	JF1WPB	W5TCX		DL5WW	OE1ZL
PY2YP	JF7XKY	WI8A	319	GM0GAV	SM4DDE
SM2GCQ	K0CA		FK8CP	HB9HFN	SV1DPI
SM5DJZ*	K5KC	321	JA1XEC	JA2JNA	SV1JG
SP8NR	N8BM	AD1C	JE1SYN	JA8EAT	UA6MF
VE3FF	OE8HIK	G4CCZ	JH3CUL	K3WA	UT9FJ
W2IRT	R3OK	HB9BIN	J11DHY	K4HB	UX0FF
W4UM	SM6CCO	JA0GJJ	K6AM	K8YTO	
W5XX	SP9DWT	JA2BDR	K7NN	KQ8M	313
	W1RM	JA3AZD	KV7K	LA7HJA	5B4MF
	W9OL	JH3VNC	N4DB	N4QS	AA5AT

AB3CV	W4BP	JA3GN	304	W7DO	VE3BW
AB9V	W8HW	JH1QAX	DK5AD	WD4LBR	298
DK2NG		JJ3HGJ	EA6VQ		5B4AHJ
JA5IU	309	K0KX	F2JD	301	G5LP
JR1BLX	DJ5FI	K2SHZ	HB9DDZ	AA5AM	HP2AT
JS3CTQ	EA8AKN	K3RA	JA1XCZ	AE5E	JA4ITW
K5BG	HK3W	K9MM	JA2ZL	F4BKV	JL2JVX
K6TA*	JA1EOD	KC6AWX*	JF2UPM	HK4SAN	JR7WFC
LB8DC	K8QM	NE1B	JN3SAC	I2MQP*	K8EUR
N8KOL	KX4R	NI6T	K8AC	IZ1LBG	N5DG
SP3CGK	NN4SS	NS6C	KC7V	JA0DIN	N8TR
W1GL	NU8Z	OZ4O	N7US	JA1IZZ	ND0N
ZS6EZ	R9TO	SM5JE*	N9RS	JA1LSP	NQ1K
312	RU3QR	W2JU	NN4R	JA2WYN	OE3SGU
CT1DKS	RW3RN	W6ENZ	R7FK*	K4SE	SV2DGH
DK1FW	RX3AGD	W7OM	UY5AA	K6RO	WB0TEV
EA7TV	UA4LY	306	W5XC	KI0KB	ZL1BYZ
IK2QPR	VE7IG*	DL1KUR	W7CT	N9AU	ZL3JT
JA1SYY	WB8BPU	DL6CNG	303	RN3QN	
JA2IVK	308	G0OIL	DL5EBE	US5WE	297
K1HT	DL2CHN	HA1RB	EA3GHZ	WB5JID	AC0A
N5ORT	IK0PEA	IK4PLW	G3LZQ	WE9R	DL4CF
WA2VYA	JA1GRM	JA0CRI	HL3IUA	300	DL7BA
WP4U	JA7IC	JA6WJL	IK2RPE	AA8CH	E73Y
YU3AA	JA9TWN	JH1AGU	K5WAF	HB9DDO	HL4CJG
311	JF8QNF	JH1NYM	K7WP	HB9SLO	IK5RUN
F3SG	JL1RUC	K2UU	K7ZA	IK4ADE	JE7JDL
JA2XYO	JR1BAS	K5XI	K8NVR	IZ5RVG	K2PK
JA4MRL	K0GY	LA7JO	K9RX	JA9AA	K8GI
JA7JWF	K1AR	R9FM	RL3FA	K0KVR	K8WK
JH4JNG	K4SO	W9RN	RW4NN	K3XA	KG7H
JO7WXN	K8OM	WB9CIF	SM2OAN	K8GG	KT1J
PY2XU	KN5O	WD0DAN	SP7HOV	K8TL	PY2VA
UR0MC	KS1J	305	SP7ITB	K8VJV	296
YB5QZ	OE1WEU	A65BR	W1SKU	KB1JZU	AA8OY
310	R7NW	DJ4XA	WT8C	PA3CSR	EV1R
I3BUI	SV1CNS	JA1VSL	ZS1LS	W5AJ	K6FW
JA1ANR	VA5DX	JA5XAE	302	W6TC	K8VC
JA6VQA	W2QO	JA9CWJ	DJ5JH	299	LA8PT
JA7QVI	W9MU	JR2UBS	DJ9ON	CT1FMX	N0RB
JR6FC	WA7NB	K0JUH	EA1N	DM2DXA	PY7DJ
K4EM	WA8WV	K6KLY	F5CQ	EW2A	RA3QK
K8FL	WD9DZV	K9ZO	IU7QBB	G3SVD	SM6BZV
LA7AFA	YS1RR	KG4W	IW1ARB	HB9RG	SV9COL
LA9AJA	307	PA5TT	IZ2AMW	JA7BWT	UA6YW
MD0CCE	AC4G	RA9CMO	JG3LGD	JH1SJJ	W9JA
N1IBM	DK2JX	SM3NXS	JG4AKL	KM4H	295
RL9F	G0BLB	UT2UB	SP2BMX	LA3WAA	AD6W
SP6HEQ	I5HOR	W1YM	W0VX	N4TL	DL1DUO
W0YG	IZ8FFA	WA5VGI	W4QN	SM6CUK	HB9TKS
	JA2XW		W5ADD	UA9FAR	

HL2IFR	G8DX	IW0HQE	AB5A	283	LZ2JE
IW0SAF	IZ3ETU	JA8EJO	CT3HF	EA6ET	PY2DS
K5ZK	K7ZD	JA9FAI	DL2VPO	HB9CQK	SM5CZK
K6SIK	N8II	JE2LPC	IK0XBX	JA1RTX	W8LGJ
KD3CQ	R6AF	JG1WSC	IZ8XQC	JG3FEA	WA9PIE
SP8HKT	SP5IWA	JH1BAM	JA1QXC	JL1XMN	ZS4TX
SV1GYG	SV2AEL	K4XD	JA5BEN	K3WW	
W2GG	W6SR	K6ND	JG0CQK	K5DHY	279
W5LT	WA3AFS	KK0M	K1LPS	K9NW	AJ9C
W6XK		N2NL	K1RO	LA8HGA	HL3GOB
YO2RR	291	N7TY	LU8EKC	LU4FPZ	JA1FQI
	G0EHO	R0FA	RA0FF	N7IR	JA7LGE
294	GM0AXY	UN6T	UR5EDX	N7RO	JA9IFF
EA6NB	K3PA	W9YSX	W3GQ	OE8SPW	JE8TGI
HB9BOI	K5VIP	YB1UUN	W5VY	RA1QD	JF2XGF
HB9CEX	K7ZV	YO2CMI	W6PJ	S57AT	UN7LZ
JA1BPA	KB8VAO		W8AXI	W1LW	VE3EK
JA1IOA	KP2A	288		W6BJH	VK3HJ
JA2VQF	LA5HE	I1EIS	285		W3JX
JE1DXC	MM0EAX	JA1SVP	DL1TRK	282	
JE1GWO	N2TN	JR1DUP	DL2SWN	GM3YOR	278
JE8CLT	VE3CFK	K4MS	EA3GHQ	IZ0RVI	9A4T
JK1EXO	W3RJW	K9US	IZ8DFO	K5UO	DL5CW
K5MC	W6YI	KD0Q	JA2VMU	NT0V*	EA8RR
KZ4V	ZS2DL	N4RWG	JK1GOK	RD3AW	F2NH
N0KV		N6UK	K6GXO	SM4CTI	I4KDJ
R5DT	290	SP9JZU	K6PJ	UA0BA	IV3GOW
RU6L	9K2OD	UA3AGW	OE1WHC	W7AL	IW1QN
SV3DCX	AA4A	W1EQ	W8AV		JA8LRG
	EC3A	W1YIF	WK7E	281	K1USA
293	IZ4MJP	W2LE		AD5Q	K2UR
AA4R	JA1JAT	W2NO	284	EA5OX	K3UL
CU2AP	JA1KQX	ZS2EZ	EI9FBB	EI2GLB	K5RT
DL1SMA	JE1LFX		JA1WSK	F3AT	KD0PO
EA3WD	JE2EHP	287	JA2FGL	IZ8FDH	VE3CRG
IV3YYK	LA2QM	9M6YBG	JA3DY*	N2WB	VE3DZ
JA2CXF	LA5LJA	AA8LL	JG3SKK	N5GH	W8MHW
JA3RQ	LU3CQ	HB9BAT	JH3SIF	N8SNM	ZL4TT
JA9GPG	N9FN	JA2ATE	JN1BMX	W0LS	
JH7RXU	PP1CZ	JA3EOP	K0BBC	W7ZJ	277
JM1FHL	SK3PY	JE2OVG	K0TPP	W8TN	EU1KY
K4JAF	SV3AQR	K0AZ	K9SM	XE1KK	F5UJK
K9MK	UN7TW	R9SA	OE5BWN		IT9CVO
N2LM	VU2NKS	RM0F	PY2KP	280	JA0PE
PY2IQ	W2LK	SM5ARL	SM0CCM	GM3PPE	JA3ENN
S55DX	W3OA	UN7JX	SM6CTQ	HA5VZ	JA8EOT
W9AJ	W4VIC	W1VT	SP3IBS	IK0HFO	K2AJY
WA4FFW	WB9EEE	W4YCH	W2AY	JA2IYJ	K8UT
	XE2CQ	W7BEM	W4FQT	JA6TMU	N5LZ
292		WA6F	W5ODD	JH4ALY	UT7UV
AI9L	289		W8BBQ	JR6LLN	UW2ZM
EA5AT	AJ6T	286		K1GG	VU2PTT
G4GIR	DL9TJ	4Z4DX		K4WNW	W3BW

WF2S	JA6BEE	DS1JFY	KB1EFS	JR8AMF	EI8IU
WT4Q	JH3GCN	EA1KY	R8TX	K1KO	FG5FR
	K5PS	F9XL	SM5BMB	K8FH	JA1KPH
276	N4IG	JN1RQV	SM5FUG	KN6KI	JA2FBC
DK3WW	OZ1ACB	K0BJ	W1KSZ	N1RR	JH3FUK
HB9LCW	RW7M	K7UA		W2OIB	K8YSE
IZ5BAM	UR5WA	K9JF	266	W3ACO	LY1G
JA7FWR	W4HG	N4QQ	7K1PTT	WA4LOX	N6MZ
JA7LMZ	W8RLS	PU2POP	IZ8VYU	WB2GAI	N7BT
N5MOA		VE6LB	JH1HHC		NN4X
ON4CAS	272	W8HC	JJ1TKN	262	NX0I
RX4HZ	AF9H	WL7E	K8AJS	CU3EJ	SK7AX
SM0NJO	CT1FCX		K8ROX	I5REA	TG9NX
SM5CLE	CT1GFK	269	KQ4AV	IV3VBM	WA0MHJ
VE1JBC	E72A	IK8EPC	PZ5RA	JA8BAR	WA5LFD
W1ZT	F5PBM	IZ3ENH	RA4CA	JF1NZW	
W5GO	HA9PP	JA1OVF	W0FLS	JG1OGM	259
W9FR	IK5PWN	JA1VLK	WB3LHD	K8AV	4F2KWT
	JA9FPI	JE3ENP		KF2DT	AA9A
275	K3FRK	JP1NWZ	265	LA9FFA	DJ8NT
EA1AF	K7EG	K0KT	G3WPH	ON5UE	EW1BA
HL2WA	K8BL	N4UOZ	JA4FM	W5ZG	I5OYY
JA2JRG	KI4GE	NW7E	JO4CFV	W6NWS	JA8BNP
K0GD	LA3MHA	OM4EX	K2CBI	W6RS	K2UFM
N2JJ	OE5FIN	SM5FWW	LB2TB	W7LGG	K5VWW
N7KA	PA0ZH	W1MK	N5KM	W7QDM	K6IPM
N8PW	SV1ACK	W4MAY	N9JV	W9PZT	N4JQQ
PA7RA	W1YRC	YB1AR	W7MEM	WA3GFM	NI3P
W4OX	W2OO		WB2BIN	WB8ART	PY5CC
W9MJ	W3AP	268		ZS6NJ	SM4AZQ
WO7R	WN6W	JA1NWD	264		W2FV
	ZS1A	JK1TCV	4Z1UF	261	W7AH
274		K1DG	DF2GH	HB9RYZ	W8KEN
DL6JZ	271	K1MAA*	EA1KP	IZ8IEV	WA1S
EW1KP	4X1RU	K9MBQ	F6DBX	JA2XCR	
IK0AGU	AA8R	KD4W	HK1MW	JH3KAI	258
IW0HOU	I1FQH	N2AJ	JA8DNV	K2FW	DK7YY
JH1IAQ	IK2DZN	N5JB	JA8ZO	K2KA	HB9IQB
K1DT	IZ8EJB	N6TA	JR4LNG	K7LJ	JA9AGN
K3PT	JA0DET	NA5DX	KA1ERL	ND4X	JH1BNC
K6UM	JE6TSP	OH1ZK	LA0FA	NK4L	KH2L
KA8ZPE	JM1HJG	ON6AA	N1GC	OM8FR	OH4UI
KJ6P	K3PU	SM5ENX	PA7TWO	SM7CQY	SA0AQT
NA5C	KS3F	SM6BGG	SV1CQN	W0GG	US0YA
OE2GEN	N8LJ	W8QZA/QRP	VE6AX	W4UCK	W1SSN
RA5BM	NK0S	WA1YTW	W5PF	ZS6WB	W4LSC*
SV9AHZ	UA3TT				ZL2IFB
UA3ECJ	WA3C	267	263	260	
W0EWM*		4X6ZK	DK4TP	7M4AOE	257
	270	AA4FL	EA3CJ	AB4SF	AF4HX
273	CT1EAV	JF2WGN	EA4DL	EA8MT	BA4RF
JA1XPQ	CT3MD	JG8FWH	HA7UW	EA9IE	CT1FPQ
JA2TBS	DK8MCT	JI3CJP	JA7XBG	EC1AIJ	DJ0UT

EA7SG	K3SEW	N4SC	247	K6EID	KV1E
EB3CW	KI5BLU	N5UL	EA3EQT	K8RRT	W3ABT
IK2PZC	N4LR	W1KDA	HL3DE	N1EN	W5DNT
IK4AUY	UA3O	W2JLK	JA1DDZ	OE3HWC	W5QM
IK8VRH	W7YAQ	W4SK	K3VAT	SP6A	W9EWZ
JJ1DWT	WA0RVK	W5GAI	KM1D	W4REX	WV6E
N3VA		W8JRK	N6RV	W5PJR	
N6HC	253		N7DED	WA3F	240
N6PSE	CT1BWU	250	VE3YV		7K1CPT
OH1JP	CU2DX	CT1DOF	W2GW	243	GU0SUP
PY2MC	DS5ACV	EI6FR	W8IQ	CT1FUH	JA1DM
RU1AB	G3UAS	EI9JF	WS5W	CT3KN	JA2FSM
SV1VS	HB9DHG	HA7TM		DS5TOS	JE1HRC
W8MET	JA6GPR	IK0UTM	246	G4XRV	JR1WCT
W8MJ	JA6IVR	JA8CJY	IV3KFB	JA2EPW	KF0LA
	JE2RDO	JL1MWI	JA1VRU	JA7BEW	N0ABA
256	K6MKF	JR0EQQ	JA2QXP	JF1LMB	UX5UO
BH4QYX	K8DV	KQ3F	JA7HRM	K4ZO	W0SZ
EC1A	KE1F	N1SV	K1FEV	K8ME	W8IW
FG8OJ	N7XR	OZ4VW	K4KAY	LA9VFA	
IK4HPU	NF1G	PA0JSE	K6BV	N1API	239
JA0KJE	UA0FO	PY2FN	K9YC	N4QWZ	6K5YIA
JH1RGG	WF4U	UN3G	N2DPF	NV9L	DJ9RR
JH4GJR	YB0COU	W7HPW	N3KN	SV1FJP	IZ1JMN
JM1GHT		W7IU	W1KMA	W1BR	IZ2FOS
JM2RUV	252		W3FI	W8OP	JA7KE
K0TT	DL7UPN	249	W3ICM		K2XF
M0TTB	G3KWK	IZ4DPV	W5ZO	242	K6EME
N9ISN	G3NKC	IZ8GGF		DH2PC	N8SHZ
W9HBH	JA1BNW	JA8FFM	245	HL3AMO	SP6JIU
	JA8UIV	K7XB	AK5X	JA4ZA	W0JM
255	JF3PNQ	K9NR	JH7BKN	JH1WJR	WB7B
AI6Z	JH1ACA	N8OC	JR3UIC	JH4ADK	
IV3TMM	JH4CBM	NA5Q	N0AH	JR1MLU	238
JA9NLE	JL1BYZ	NU1B	N5BO	K1CA	EA1JO
JE2DZC	K1ESE	OZ5NJ	NZ3O	K4PB	HB9MFM
JH4HMG	KI1U	SM4OLL	S55ZZ	K7FEL	JE2VLG
JK1OPL	LA5YJ	UN3GX	W6DE	N2NS	JF0JYR
K1UU	NT5V	W0RX	W9JJB	N3RC	JH3FHQ
K9FN	SM7IUN	W1OPD	YB0NFL	N6HY	K9OR
KR4F	W2ZI	W9RC		N6KZ	KA4RRU
N1RK	W7CA	XE2D	244	SV1IW	KF7F
VR2XMT	WS9V		EA5RD		M0CSD
XE1MEX		248	HB9BUN	241	N4PJ
	251	HB9DOT	HL2KV	AB5C	N9UA
254	9A4W	HL4GAV	JA1CZI	AF5CC	W4KA
BA7IO	AA6AA	JJ1SKG	JA4VLK	HC1BI	WA4QMQ
CT1BWW	DL2RTL	LA6UL	Ji6IHG	IS0AFM	WA6JA
DL1HRN	F1ICS	N4XP	K0KG	IZ8FWN	WB0TVY
E72U	JA5BGA	OZ1LCG	K1EFI	JF2VAX	WQ6Q
JA3VPA	K1SM	VE3YF	K1PL	JP1IOF	
JA3WLN	K4VIG	W5JAY	K1YR	K4RG	237
JH1VUO	K8CW		K4JJW	K7KB	CT1BOY

G0VXE	TA1CM	JA6CBG	JK1VXE	K2BA	EA7DUD
IW3GJF	W7YW	JH1APK	K0HD	KB1DMX	I8MTQ
IZ5YHD	WB8CQV	JH6DUL	K3FM	KH6M	IK2RZP
JA0LXP		K0DD	K4CMS	KK4OK	IZ8MBW
JH1DGQ	234	K4ST	KD1F	KX2A	JA1IAZ
K1RV	DF7EE	K5FNQ	KI4DLS	N2KX	JH1DGJ
K2NV	DK2CC	KF7PG	N4NW	N5ET	JR1VAY
K8YYY	HB9BYQ	NY2NY	W1WC	N6BM	K6IPV
N4HID	HB9JOE	OZ1IKY	WA1PMA	VK4CAG	KG9Z
SM0MPV	HS1NGR	RK4FD			KI6CG
VU2CPL	IK0LNN	RQ3A	228	225	KW4V
W2XI	JA1EMQ	W2/CT1GIF	F5LIW	DK5RL	N1NU
W8UN	JA8XQI	W2YR	GW4TSG	DS5DNO	N4ENE
WA0ROI	JK1BSM	W3FOX	JF1RYU	EU1M	VE7TK
WB8B	K4MF	W6CYX	JH1ERJ	JA3QOS	W4PNY
WB8ZRL	KE5FXE	W9ZCL	JH2PWY	JH1UBK	W7IB
XE1RBV	KE8UM	WV4TN	JR7GBL	JH8NQV	
YO3JF	N4HB		K5FZ	K0OK	222
	N4OA	231	KS4S	K1JIU	AA0MZ
236	ND4V	AD5WB	N6PM	K5YU	DJ9SO
AA7G	NV4B	G3KMQ	RA3QUA	KA8SYV	DL5XL
FG4NO	S51NM	HL2ZN	W2DXE	MU0FAL	E77S
HB9ZS	W3WST	I0JBL	W9FI	N9SF	F6ECI
HL2CFY	WA4CEM	IW7DVM	WB8K	SM3LGO	IZ7AUH
JA1HOM	WA4JQS	JA1MZL		W3MR	JA9NFO
JA1JYE	WA5UA	JF2WXS	227	W5GZ	JM1VRW
JA3KNN		JH0AWC	DL2RUM	W5TFW	K2AT
JK1UNZ	233	K2SN	G3VPW	W8UV	K6ZZ
JN1NOP	AA9GR	KD6UO	HL2EIZ	YO9FNP	KJ7TEA
K1ACL	AJ4A	NA4EA	I0MWI		N2SQW
KM3J	CU3EQ	SM7NDX	IK8UHA	224	OZ7FOC
KM6HB	EA4DEI	W0QQ	JA0DWY	DK3PZ	RA4P
N4GN	JA4HAW	W4UDH	K1GE	EA7QW	W6AER
N6IE	K8BN		K1KA	JA3FHL	
OE2BZL	K8EAB	230	K5GH	JA8NFV	221
PA0TCA	KJ7M	DK6OR	N4IQ	JK1WSH	E21EIC
SV1HEP	N2NW	F6HLC	N6OJ	JO1LVZ	EA2AAZ
W0HBH	N9BX	G3LUW	NF4A	K1CBK	HI8RD
W2TB	NE3F	J11VVB	W5SL	N3RW	J11NJC
W4GIW	PY5IP	KB9DAK	W6DR	N7WO	JR7FRW
W9OO	SM0XBI	N0RN	W8GNM	NH6T/W4	K4JC
WY6N	W2NRA	W5DM	WA2USA	OE3KLU	K5DV
YB2TX	W6RW	W8WVM	WA8MCD	PE1L	KK9H
	W6YOO	W9YE	WA9GON	RW4CY	KU4XO
235	WB2KSK	WB2NPY	WC3W	SM7BHH	RU0SN
EU1U	WD8PKF		YL2KF	SP6AXW	W4DEE
JE1IBI	ZL4AS	229		VE3SKX	WB0O
K0VSH		AA3LX	226	WN6K	
K4QE	232	AE0P	DM2RM		220
K5CWR	DL9FCY	AJ8MH	HA5PT	223	AA6RR
K8ZM	EA1RT	IK2GAJ	I0OSI	AC9EM	DL4DW
N2FF	JA3BXF	JA2OLJ	IK7FPV	AC9O	EA5DFV
NW4M	JA5NPV	JE1VTZ	K1XV	AF2C	EI9FVB

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K1DJ	JG5RVQ	W2PP	W5GA	LB5WB	CU3AN
K4EU	K2HAT	W4IS	WK4Y*	LB6KC	DL4LAM
K4MIJ	KB5UNX	W6SL		NW6S	DL6UNF
K5MT	N6QI	W7JY*	211	OH7TV	HB9BNQ
K6MM	OZ0J	WE1P	JA3LDH	W5FPT	JA4DHN
K7AWB	SV8DOU	WE4S	JJ1KZZ	W6WF	K3WWT
KZ9DX	W0TM	WV9L	KD2T	WX2U	K4YYL
NA5Z		WW8W	KT2C		KE6V
ON4ATW	216	ZL2AL	N1BY	207	N9KW
PA3BWD	CX2CC		VR2XLN	9K2BM	OH2IS
SM0DSF	DJ3XG	214	WA3I	G8AJM	OH3OJ
UR4IOR	G4VMX	DJ3AS		JF1WLK	UN9L
XE2X	HB9CXZ	EA5AR	210	JF2OZH	W7HR
	HB9DQV	F4GVO	JF6XQJ	JH2VVH	W8BLA
219	IZ0NRG	I5XFD	JR2PZX	JJ1BMB	W8FIB
AG1A	IZ1JLG	JN7DOS	KD4SN	K9FZ*	WA4MME
F5JSD	JA1FJJ	K0QQ	KD8RQE	KE1VT	XE1J
HL5BMX	JA2VHO	K2AZ	KE4UW	KK2M	
K5JZ	K3NQ	KB6CIO	PY2WC	KV4T	204
K9ZM	K7LV	VK3BDX	S54A	M0IKW	EA2AFV
KG6I	KK4OW	W0KCJ	VE7BV	N9AKR	HB9DVO
KI7AO	KR4W	WB6BFG	W5THT	OE1JIS	JE2EBT
N1KC	NC4RB		W5WP	ON4ANN	JH1OBS
N6DX	PS8ACL	213	W7FP	RD9M	JJ6DGP
NA9RB	W0SR	9A1AD		SP7ICE	JR0QFA
W6GRV	W9MO	AG3V	209	TF3DC	JS6TWW
WB4KTF	WB3D	DK3UA	7J1ADJ	VK2CA	KB5HC
	WS1L	DS3HWS	AH0U	W4GE	KM9E
218		IK1IYU	K0VM	W7NN	KV4AA
DL2NOM	215	IV3FFI	K5ALQ	W9QO	KW4CQ
DL4NBE	9H1EJ	JA0EVI	KB4MRX	YB0MWM	W4GP
DS4AOW	AA7XT	JA1FVS	N0ODK	ZS1J	W7IV
I7PXV	G4FKA	JA3NHL	N6PEQ		W8LMG
JF1MTV	HB9EFK	JR1EFG	NE6I	206	XE1L
JJ1QUV	IZ0BVU	K2RU	PU1KGG	3A2MW	
K1NTR	JA4CZM	K4JWA	SM5BNK	HB9CRV	203
K3EA	JE1PNX	K9GA	W3BJ	IZ4DIW	F5NBX
K9JU	JE2UFF	LA5SJA	W6DCK	JF1IRW	IK2RGT
KE3D	JH0OXS	N8GP	W8HMK	JH0BQX	IZ0BTV
N4JT	JH5HDA	NA2M	WB0ULX	JN1NBU	JA7JPZ
TZ4AM	JT1BV	VK3FM		K0MN*	JH8NBJ
VU2CDP	K2XB*	W2KA	208	K8NK	K0CS
W8CZN	KF4NEF	W8WEJ	DL8SDC	KF9UG	K4JKB
W9KVR	KR6C		JA1OVD	KK5OQ	K9OW
WA2NPD	KX4TT	212	JA1PBV	KK9T	KA1DJ
WC4H	N8NN	G4ZOY	JH0NOS	N4TOL	KM7R
	N9AOL	JA1BWA	JR3VMJ	N8BJQ	N3PS
217	RN9N	JH3GFA	K0THN	NA2AA	N4TV
AB4UF	V51B	KU4BP	K2PF*	NA9Q	N6PAT
DH0GSU	VK3NX	PY2RO	K4CGY	W9DX	SV1FKZ
EA5B	W0FG	SM5AOG	K4WES	WA3WZR	W5RF
JA2NNF	W0TT	SP5LKJ	K5RJ	WA6G	WA3FRP

202	K4VNY	SP5MXZ	W8NN	WB4GLI	185
AA9RR	MU0GSY	W1MJB		ZS1DX	G1VDP
DF3EC	N2RR	W6HYI	192		K0KP
IK5BOH/2	PB9FN	WA0WWW	F6FYD	189	K3PP
JR4LZX	V51YJ		IZ7GIT	HI3T	KE5BR
K1NJ	W6JZ	195	JA0CIU	I0LYO	N4HN
K9TF	W9RXJ	CT1ELF	K5IB	IV3KCB	UN7BK
K9WX		IZ5FSA	K6XN	JA1SGU	VA7ZT
N8WD	198	JA2NDQ	K9SG	JG1SWM	W2WG
NU1O	DJ0MCH	JA7QQQ	KE0A	K6JAT*	W6RKC
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W3NS	K0GW	KE4S	N4XYZ	KY5I	
W4RDX	KA1J	N3XM	N9JR	RM3DA	184
W7TUS	KC6JAM	OH6NIO	UR3EO	RN3CT	AD6ZJ
W7VY	N4FN	SQ7FPH	VA2IG	SM4BZH	DS4GKF
WE2N	N6ZN	UR5FEO	WY1G	W6DPD	EA5RU
	RA3BL	W3SB	YB1TQL	XE1FAS	HP2NG
201	W6SHY	W6KK			IK0HBN
AA8SW	WA2VQV	W9LN	191	188	IK0WRB
GI4OWA	YL2TW		AA4NC	EA7AN	IT9ODQ
JH1IED	YV5LI	194	DG5LAC	JA0GCI	JH1FVE
K0MFI		A65BD	DL4FAP	JK1AJX	K3JM
K4YJ	197	HB9ESS	HA5CW	JP1GUW	K3NF
KK1W	4X4MF	HB9VAB	K1RI	JR0AMD	K5RKS
LA9GX	BA4TB	IT9AAI	K8QKY	K1JD	KZ1W
PY2GG	EA1DLU	JH1OCC	KO6KD	K2DC	M0HIH
RT5A	IV3AVQ	JH8UQJ	N4DWK	PY2RN	NW7M
W6AEA	IW9DNI	K1LT	N7MQ	WV4V	SM2EJE
W9IL	JJ2WOC	KP3AH	OZ7DN		UN7BY
	K8SIA	KR8T	VR2CH	187	UT7KF
200	KI4WCQ	NJ3K	W5LO	IK8GJR	W6BK
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HB9IIO	W1FA	SP6Eiy	WI8R	W5ZE	WB2HJV
IZ8EKL	W4DAO	W4DC		W8UQ	WB3BFC
JA0KJD	W4HZ	W5UHQ	190		WB5STU
JA3EY	WQ5R	W5VQ	AA4U	186	YB1RUS
JE2KSM	XE1H	W7PAQ	AC4VM	AA4LR	
K2TER		WA1NXC	BV1EK	G4XEE	183
N1IA	196	WW2DX	DJ9KV	JA2MNB	JA2KSP
N4TD	AD8P*	ZS2Y	EC7B	K5QX	JE4CIL
N7ELL	AG5W		G3WW	KC6X	K3SF
N9PGG	CT3CD	193	HL4CCM	KK0DX	K6LRN
PY3VB	G7SSE	7L4VYK	IZ0GYP	N6MXU	LU4FW
VK6LC	I7LGM	AE4CW	JA2ITK	N6VNI	NA2U
	I8YAV	DH3KM	JH8KFE	NU4B	W3ML
199	JA1XRA	I1YDT	Ji2UDK	W4WN	YB2TS
AA3TH	JH1OGT	IZ5MOQ	K7UT	W8RV	
AC0X	N2GZ	JA0AXV	K8ZT/QRP	WA5IPS	182
AD4AA	N3QE	JA1QIW	KD0AA	WB4DNL	I5FLN
JH0RVY	NA9A	KB2FCV	N3AIU	WZ4RC	I8LWL
K3SX	RC2A	KM1C	SM7GIB		JA7FAS
K4SX	SP3F	SM5ELV	W9ROG		JG1JPE

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KG4JSZ	N3ME*	KT8D	K6UNE	EI6AL	N4ST
KK8MM	N4MIK	N1JP	K7PT	JA1BON	N6MB
KL7TC	NY1V	N2MEE	K8JE	JA1GVT	OE1ALW
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N8NA	W0ZS	VE1VOX	N7HN	K1ZJA	R4FAN
N8NB	W4CCS	W0PE	N9DR	K6JJ	VE3YXO
ND3L	W4TUN	W4AEJ	NN5E	K7CU	WX0Z
ON6KE		W4LEW	NX2X	LA2GH	
VK5GR	178	W7WZ	OV5O	N4VN	167
VU3CAU	EA8AXT	W9WO	SM0EUI	N5PA	JA3AVO
W6SFK	G4DDL	WA3GNW	WY7FD	N6EM	JA8BOV
WV2I	I4UUL			N8VV	KB8NTY
WV8DX	IW0BYL	175	172	NK7C	KE3X
	JA3UNA	AG5CN	EI1DG	NX4TT	KH6XT
181	J11WLL	JA0LFV	G3SBP	OZ3SM	KN7D
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JH1FNU	K1ZE	JO3WHB	JA7FVA	VE2YG	N7VPN
KY6R	K4GO	KD4POJ	K5TA	W0OGH	PY2SEX
N6NU	KR2Q	KF6HI	KC2SST	WA4USA	WA0SXV
N6VS	KU1T	LZ2ZG	LZ1XL		WA5NFC
N8HRZ	VU2LBW	N7NG	N2ZA	169	WB8BZK
NV4A	W7HUY	NS3L	N3AO	DM3CW	
SV8CKM	WB6AXD	NW7US	OH2LHE	JE1PHH	166
UA9AEU		UA1OM	SP5ES	K3VAR	AL7R
VU2IBI	177	UA9AGX	WC0W	K4WY	DL1SVA
W2OR	4X6UU	XE1R	YB4IR	K5CD	HL4XM
W6TK	IU0ICA	YB0DJ		K9OT	JE3PCP
	JA3EEM		171	KF9AF	JJ1BDX
180	JE4RAL	174	AD3C	KI2D	JR6GHN
A61BK	JF1LZQ	AG7N	CT2GZE	N5MT	KN4FO
AA4AK	JG3KLF	DF8FT	DL5MM	RD3BD	KR4BD
JH1IZR	K0EEO	DL5KUA	F9CI	SM7WVZ	LA7EIA
K0IL	K3OX	JK7LXU	IK3GBG	SV1IZY	SV2CLJ
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K5TN	KF4VTT	K5CR	JS6QOM	W7IAN*	W8SAX
K8SL	KP3V*	K9HQM	K2MK	W7VAS	WA1ZIC
NA5S	NA6MG	K9UQN	K2TV	WA4NUF	WB3JFS
NZ5O	NC2Y	KZ5DX	K6ZP		YO3AIS
VK2HV	SM5CBM	LA6OP	KB0V	168	ZS6IR
VR2XYL	VK2AAH	N4PYI	KC5LK	A92IO	
W1LE	W0IKD	N5QS	KP4DKE	AA5N	165
W4DSM	W1AO	VU2DCC	KW9U	AG4Q	AG6HE
W5SUM	W1OP	W5WI	N8WRL	EA5HM	CU3HN
	W4KVS	WA4BIM	NA6O	EW1P	IK0XIH
179	YB1TJ	WB0N	W0MU	JH1ORA	JE4WOK
AF6PK		WQ5T	WA4DOU	JP1LRT	JF1KML
DL5MHQ	176		WA5KBH	K1VI	JK1DDG
K1RH	DL6NW	173	WI7P	K2SY	K2AX
K4WZ	IK0CHU	AB6CF		K4KGG	K3VPZ
KE5TD	JA1ERB	AI9U	170	KF0RQ	KG4CUY
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N6DHZ	YO4AUL	N5WA	AA3AZ		K2EK
RA0BA		N8IL	E20YLM	154	K4RDU
SP7QHR	162	NI5F	EA3HDZ	AJ8B	KD2OV
VK3TC	BH4IGO	SV1XV	EI2JD	DS5WQT	KE9S
WB2WPM	DF2UA	W1ASB	JA3MHA	JA0GZZ	KW4J
WB9PNU	DJ7JC	W1TO	JA4FKO	JA4HXF	ON4LG
	DS3EXX	W9FF	JM1ESG	JA8ANQ	R9JX
164	EA2AGV	W9NIO*	KN7Y	JH1AQN	W6RFF
AC4BT	F4WDL	ZS6RJ	KW1DX	JH7WQX	W8FN
CT3DL	HS8KAY		N4MI	JK1BIB	WA6EZV
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JJ1JMZ	WA7BNG	IK0WMJ	W4NBS	NE5W	151
K6CF		JA0ED	WD8KND	SM0BYD	AA4UC
K6GFJ	161	JA3PRM		W4CIR	AB2E
KD8MQY	AE4M	JK1EBA	156	W6FL	DF1IR
LB7ZG	HL3ERJ	JK1JAS	DK8IZ	W8TM	DL4KUG
N2XQM	JP7FSO	K0IO	EA3HPX	WA9MAG	JA2BUR
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S50B	K2OP	LA8ZAA	GM0VRP	153	K7LAY
W6SIY	K4AR	N1MD	GM3WIL	HB9BEM	K9AAA
WA5CMI*	KD1AB	NE5S	JA2ODB	JA3UOQ	KE4BKL
XE1YD	KM4A	OT1A	JA9RT	JR7MAZ	KE8G
	N7QT	VA3NXM	JH2AJY	K0COM	KK4CLY
163	N9LEO	W1EBM	K1ROA	K0LB	LZ2XF
AA4OC	NA6XX	WD5BJT	KA9OKH	K3HW	N4AA*
AA8KY	OK2ZDL	XE1MW	KC4HN	K4OY	N7MB
AI4QQ	SM3PHM	ZS6C*	N4QM	K8ROK	NU4I
DS4NPL	W5BK		N7GCO	K9MMS	SM0NUE
EA1AZ	W5RDW	158	N7RD	K9YZ	VA3EJN
F4CPF	W6DOE	9J2BS	W1MR	KK4XL	VA3HP
HA5BSW	W9GG	G4SGX	W5JMW	N0VVV	W3HER
IU8IYE	YB2DX	HK3PJ	WA6QGH	N2ZZ	W5WLA
JR6LDE		IK3DVY	WB4YDL	N7NW	W6WA
K0ABC	160	JH3EQP	ZL3RJ	N7WI	WA9JWL
K0CF	AC0DQ	JJ1KXB		NC7B	WC2C
K4GN	E70T	K3DFL	155	OH3FVP	WF8R
K4MV	EA1WH	K4HQK	DK3QM	SP5NON	
KE1B	HL1VAU	K8GWU	IV3TDM	W4DTA	150
KW4MM	JA1ITJ	KB2XJ	JR3ADB	W8VK	4O3A
LA1CO	JA1UOA	KF7NN	K2DF	WB4SON	DK3BK
N0AMI	JA7JM	KJ7NO	K4EZY		DK3FB
N7KDT	JR1CAD	N4XMX	KQ4EE	152	HB9EBM
R3IS	K5VR	W2CG	M0IFT	5P5Q	HB9MXY
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VA2LC	KC9K	WB2RAJ	NO9E	BX5AA	IT9IPQ
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W1XV	KL0S		TF3JB	DU1KT	JA6SUY
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K1QN	VE6TL	AA5TL	TF4M	JG1RYQ	N3PV
K5HK	W4AG	AL7TC	TG9AJR	K0UBR	N9XX
K9RT	W9MAK	EA4S	W4UFO	K6EV	OD5YA
KI7M	XE2YWH	IW1PUR	W7VS	K7VC	PV8ABC
N6JOJ		JH1CTV		LA8PDA	W0UHL
N9IO	147	K5FXB	142	LZ2HM	WA5POK
NG9J	AB9KZ	K8WHA	AK9B	NH6L	WA8LRW
ON6ZV	EI3CTB	KQ5M	DL8DWL	NZ9Z*	
VR2MY	F6KOP	KS0M	JA0MRW	W3DIY	137
W3KB	G3VQO	N6KK	JA1PUK	W5VU	DL2RD
W4NE	IS0/YO3RA	N8TFD	JH6PFY	W9BS	EA7LS
W8QXR	JJ0LZQ	PT2ADM	JI1UHZ	WB1ASL	G3PSM
ZS1C	JK1OTP	W2RS*	K0SRL	WB8EKG	HL1MKT
	JL6USD	W7NP	K3GT	WW6G	JA4DNC
149	K0PC	WB9B	K6TAR	YB3MM	JF2RSF
7N2JZT	K3GGN	WR7Q	K8MRT		JF3VEC
DS4DRE	K4NTO		KA6BIM	139	JH1SBE
ER0FEO	K5UZ	144	LA1J	AA4DD	JQ1PCX
JA7MAD	KB7QFE	AD0TR	NF7D	F5VML	K0KV
JS6SCC	KB9LIE	DL6DCD	NN9X	HB9ARK	K2CDJ
K2KIB	N8JS	G4FTC	RL3BZ	HB9DTE	K2RKJ
K8SMC*	SV8RX	GM0VIT	YO8CRU	HL4CBX	K4AU
K9EXY	W0QC	JL3DGI		JE3OUW	K6EGF
KM2E	W3NRJ	K1TKL	141	K0QB	K6IRA
KP4DS	W9GM	K4SAF	7K3QPL	K4TXJ	KP4N
N0LGU*		K8OS	9H1AE	K9QJ	N2KI
N0STL	146	N5UE	AB4GE	K9TRV	N4KM
NE0U	AE5B	NZ0O	AC9S	KX4I	N7VZ
NO0B	G3LAS*	RN0C	EI3ISB	N0CKC	N9NFT
OZ1HPS	HB9HHH	UY2UZ	HB9EXQ	N2SG	NU1T
PY8WW	HP3TA	WB9W	IZ0FUW	N5FEE	PY2CP
RT0F	JA3KWZ		IZ3XEF	N7NF	SM5CSS
UA9MC	JH1BHW	143	JR3PKO	R9MJ	SP3EPG
WA1EHK	K6NR	AA4MM	K1XE	WB8QZM	TA1AL
	K8ARY	AF3X	K2HT	ZL3TE	W2GGY
148	K8POM	EA4D	K2JK		W2NY
4F3BZ	KB9AIT	HB9AAA	K9AAN	138	W4UEF
A71AM	KD3HN	JA1MOD	K9AQ	DL5KUT	W5GOL
J68HZ	KM2O	JE3FOR	KA5VFU	DL5ZB	W9CSX
JA4GXS	N6RK	JR7ILA	KC1ERO	G0FWX	W9MR
JF2AIJ	SM3DXC	K7QBO	N1BCL*	HB9DVZ	WA0WOF
JI3BFC	VU2NXM	K9BQL	W1NA	JA0CVC	WG0G
K5EWS	WA2MUA	KE4FW	W6HDG	JA1PVX	WS1F
K5LY	WA3SKQ	KG6D	WK8A	JA1VRY	
K8ZZU	WA5NOM	KJ4R	WK9U	JJ1OKK	
KA3GWD	WW8RT	KM4HQE		K2JL	136
KL7TS	XE2B	KN7K	140	K2RET	CT1ESO
LZ1MDU	YB1BML	LB2TG	AD9DX	K2YSY	EA5KA
N0TK	YO2DFA	N1QY	EI6JK	K3GW	IS0EBO
N3ND	ZS6UT	N2YBB	EI7GY	K9UWY	K7STO
N9ATF		N4UP	EI7JZ	KC9G	K8CQ*
					K9UO

NT5EE	VA3OKG	W5FL	JA1PLT	DL9GTB	W9COS
ON5GF	W4UAT	WA1HXH	JA2ACI	G8BCG	WA2BOT
TF3VS	W5AAJ	ZS1EL	JA3WMS	HK6K	XE3E
VE3FRR	WB1DX		JH1RFM	I2YPY	
W0ANZ		131	JN1SUT	IK2ULM	125
W4GH	133	7L2QAD	K5SES	JA0BES	AC4XO
W4PGM	7J1ABD	DM6MA	K7ORK	JE2VYM	DM5JBN
W4PV	DL8OH	EI5GM	KB4KBS	JG1LRE	EI8GS
W7SX	GM1BSG	GM4KHE	KF9LI	JH1HRJ	G0OSK
W8OM	HB0WR	IK1UGX	KJ2U	JI1MNT	G4EHT
	HK4EB	JE4KCN	KO4PRE	K0ARM	IK8PGE
135	JE1COB	JK1NPH	N8BK	K3WGR	JH8FIH
AB4FH	JM1JIV	K2WJ	N9AVC	K7LFY	JP1GVC
AC7JM	K9JDP	KA5IAU	NN2D	K9BO	K5NOF
AK5Q	KG6WIK	KB1HY	PY3OG	KB8KIM	K8YAH*
EI2HY	KI4TZ	NM1G	SM2YIP	KF3N	KC2STA
G0THF	LA2IR	NN6K	VK5CE	LA2LI	KK5J
HZ1GW	LA9KY	OE3JAG	W4MA	N0AB	N5ZC
JA1DCK	N1BKB	PT2ND	W7TG	N3GTG	NA7RH
JA3MIO	OH7HM	W4EJG	XE1ILI	N4GBK	NN6CH
JA7MWC	VU2ABS	W5EC		NA1RL	SM5AFU
JH1SOD	W1GY	W6OUL		ON5EQ	VK2DAG
JJ1HLL	W1ITU		128	VE3EDY	W0XE
JL2ULM	W3MF	130	A71XX	VU2MSA	W4AO
K4OP	W9SE	AA4QE	DL9SAD	W0MF	W5CWQ
K5VG	WB9ZNZ	CT1HHP	EA1AHA	WB2KSP	W6PG
S53MJ	YB4CHP	DL1SWN	EI3IO		W9EBO
TA1PB		I4JEE	EI5JL	126	WA4TMJ
W7QHE	132	IK1ZNM	HL2DBP	CU7AJ	WM4AA
WB3AVD	AK3E	JA2LMY	JH1AWJ	EI4HH	WR2G
WB6FWS	AK6I	JH3PRR	JN4FNZ	G3XLF	
WB9IWN	I8NLC	JL4BSE	K6OJ	GM7NZI	124
WO5I	IW5EIJ	K0BX*	K7PTC	IK4TVP	AA5H
	IZ0COI	K2MHE	K9YKL	JA5CDL	DJ3EJ
134	K4BNF	KF5WCP	N0JR	JA5XPD	EC4KW
AB0RX	K4WM	KN4JX	PU4MMZ	K5KDX	EI8IQ
AB1J	KG8OU	N2YF	R3BB	K6CW	G4RGK
DL4ZAB	KI7HO	N7TM	UR9IDX	K7PO	IT9YOZ
EA6AZ	KK5ID	NS4F	V31CQ	K7YMG	IZ1UKF
IZ8DEO	KX5U	NU4Y	W0QD	K8GT	IZ5BYJ
JA6GXP	M3DFW	OZ6TL	W5MF	K9QA	JG3KMT
JR0GXA	N3TR	RC3FL	W6IS	KC5RR	JH1XFR
K3KY	N4EDT	W1MO	W8BI	KK4CB	JM1LPN
K7FL	N4QOG	W6UC	W8WV	N5HC	K0RAR
K7YZO	N5RN	W9CTJ	WA4UWD	N8YQX	K3SUI
K9SUH	NN3V	WB8RFB	WC4V	NX8Y	K6VVK
KA9JCP	OZ3SK*	YB2IQ	WP4CQ	OH3DP	K7HC
KD2SC	SM7DXQ	YO8PS	WQ1H	OH4KRN	K9ARZ
KN4OK	TF5B		ZS6AKU	PY2OP	KB8DID
LB5GI	UW7UA	129		VE3TMG	KC4AA
N6XT	VU3WEW	AD6KQ	127	VR2VGM	KD9ZR
NJ1Q	W3KHZ	AE7U	7Z1HL	W2KNG	KS4WA
SM3WMU	W4MC	JA0AVS	AG4TO	W8VI	N0YO
			DJ5DT		

N1HO	K4VAC	W4KCM	JA6JYM	K9LCR	HL4RBR
N9BVA	KA5SYP	W5UQ	K4RM	KB2S	IW2FLB
NT4K	KB4ET	W7PC	K7LOL	KB5CSQ	JA0NPQ
W6ELI	KN9N	W9MB	K8EB	KO4PY	JA1UBZ
W6ND	N1ZZ	WA7HQD	LU9DO	KP4ED	JH8LEY
WW5L	N6VH	WB7BBQ	N8LCU	KZ1X	JJ2VLY
ZL3REX	N7UJJ	WQ8T	SV1BYI	N8AGU	JM1JZN
	N9ATD	WT3Q	SV2KF	VE7NY	K8CR
123	SV7CUD	WU9D	W1ZK	W3DQS	K8RCT
AE5FM	UT9LC		W5IO	W3LWH	KB4CRT
DJ6OZ	VE3FAC	120	W6ZPL	W4ARK	KB7V
DS4DBF	W0JMP	AA2T	W8EOG	W4DWS	KG4URP
G6NHU	W1ES	AC4TO	W8PAT	W4PG	MM1PTT
IK0XKP	W1HEO	AE5LK	ZL2AO	WB9WHQ	N0TR
IZ8LMA	W1KKG	AI2S		YO6HOY	N7PIB
JA0PZJ	W5HNC	CT7ABD	118		NA4MM
JA1GLE	W6HB	CU2CE	6K5AQY	116	NE1RD
JA2HOL	WA5YOM	DS3DNT	AE1T	AA0FT	NI4Y
JH1RVQ	WA9DU	DS5QLJ	DJ9KM	AB4BJ	NW6V
K2JGL	XE2MX	F5AQB	IZ0RPS	EA5GXI	OE5MPL
K6LPO		IK8IPL	IZ1JIZ	EI4BZ	W3HKK
KD4EE	121	IT9JPS	JA6CMQ	G8GHD	W4BH
KI0HA	AD5MD	JA0JPD	JM1CMA	IZ2CSX	W4OV
KM4CQG	DD0VE	JA1DCO	K0PX	JT1CO	W5WS
KO8SCA	EA3NG	JH5OTE	K9KJS	K2GLS	W7FI
LX2SM	HA2EQD	JJ1XVA	KA5JSM	K4LCP	WS4H
N6DVR	IK6BMU	K9CHP	KB3KJ	K8JRK	
N8AYY	JA1CPN	KC9WPS	KD3UY	K8MN	114
N9RE	JA1EYN	KD5R	KD9BIE	K9GWH	G3CWW
NT9F	JA1WTO	KJ6Y	KG5VK	KB8ZUN	HC1HC
OH3TY	JI5WDC	LU3XX	KX6C	KC1RET	I0BJV
ON6YH	K0YL	N1TQP	LZ1XZ	KD5RBU	IZ8EYN
PY2ADR	K1EDG	N3DV	N2ADE*	N0UCR	JA1CPU
SP9IZV	K1LTJ	N3GS	N3HYB	N1GFV	JA8EIA
VE3VHH	K3CWF	N4PGL*	N4ZY*	N2ZL	JE6PJP
W2WGK	K3HPA	N4UFP	N8KUS	N4KEB	JG4OOU
W4UT	KB3IFH	N8IK	VR2CC	OE6CLD	JL3RNZ
WA7HR	KG5NP	NR2D	WA8RCK	RW6MBC	K3PL
WB8TGY	KK4ODQ	PP2FN	WB5TOI	SM1NJC	KB1W
YB9WZJ	KU2A	VE3QAA	ZS2I	VK6OZ	KD2NF
	N3ER	VR2ZXP		VR2IL	KI8AE
122	N5ZY	VU3RGB	117	VY2RU	N1AH
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AA5B	NA2R	W5RYA	CE3FZ	W3MRL	NA1DX
AB5YI	NY4G	W6GJB	DL2VWR	W7KKC	NG8T
DB4RG	OZ6EI	WT5L	F8EZE	W7QC*	NK5K
F4GTB	TA1L	YB0AZ	IS0BZR	WA4VJK	W0QKL
G0HSA	UA0FDX	ZS6NK	IZ7QFN	WX3P	W2ZK
HC1HN	W0DD		JA6SQR		WD0AJG
JA9ALR	W2ARP	119	JM3GXU	115	WN0L
JR1HYA	W3/NH7C	AA4FU	JR1KBJ	AA9WO	XE1EE
K0HQW	W3JXP	F5BAR	K0FF	AI5EG	YB2BNN
K0MD	W4CC	HL2MHU	K4AEH	E74A	ZS4JAN

113	KK7BR	G4VWI	PV8DX	WB5ZAM	EA3AGY
AC9GK	KS0JD	HG6IA	SP7ASZ	WC4B	EW4DX
AK0A	KY6AA	IZ1EPM	T88UW	WF7T	F6FHZ
EA5DPL	N1GNB	JF3KOA	TA1UT		G0OJG
F5EOT	N8AID	JH1FRW	W3ATV	107	G0RPM
F8GB	NK7Z	JR2PAU	W3GP	AB7RW	G3LPS
G0UJL	NQ4A	JR4DHK	W4JDS	BG8PA	HI7SB
G4NAQ	S51DV	K3MSB	W5SG	DJ5FZ	JA3AOP
G4YCS	W1FC	K4KAL	W7CB	DK2GP	JA5IBP
HB9GZE	W1HQ	K4RP	W8MSP*	E73D	JF7NNI
IU8GNY	W3WN	K5GZR	W8PE	EA2BFM	JG1XBM
JA2CPD	W4AFB	K6DJ	WT9U	EI5GSB	JJ1IRS
JA4CSJ	W4LLP	K6SLO	WW5RC	G4NBS	JO4JDU
JH1GNU	WD8LTM	K9TVG		IC8XIL	K5TU
K1JKR	WJ1B	KC3AK	108	JE1CTA	K6VWE
K2KNB	WN1M	KV3W	7M4CLF	K1FUG	KA9TOX
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K4JLD		NG0G	AC9DX	K2ZD	KM8V
K4TR	111	TF8GX	DB9CR	K3GO	KR4U
KB2TGU	EI9CN	W1ZZ	DL1TPY	K4LQ	KT5V
KC0V	F8DZY	W5JE	DL2AMD	K6DLB	M0PCB
KG2U	G4ZWY	W6TCP	DL2NAI	KA4LBD	N4DJT
KG4OJT	IZ0CKJ	W7YED	DM5TI	KB0EL	N6UOZ
LU3JVO	JA4DLF	W8TE	DU1IVT	KC2THY	N7MW
NA9L	JA5EEU	YB1SKR	E70X	KF2G	NG4C
NS4X	JE1TNL	YO5QAW	EA5XV	KJ4FZ	NI7F
S52R	JH3LCU	ZS5LEE	G5CL	KS8W	NS7K
SV2DSJ	K2KYH		G6MXL	LU5OM	PT2DF
VA3AYA	K8ZEE	109	IK1RKN	N0MHL	PY2OC
VK7ZE	K9JIG	AA4RX	JA2DCN	N7TP	UA0ABB
W3JM	KM5VI	AC8TO	JE2DOD	N9AZZ	VE3BHZ
W6BBS	KM8AM	AF3K	JH1OVY	NC6RJ	VE3XK
W7CD	N0ATQ	DL9QJ	K3DQB	NI8Z	VU2MB
	N1BZ	F8DHE	K3XO	PP5VA	W0BM
112	NT5O	G0MMI	K4GHS	RM6LW	W0LGQ
3C3CA	PT7CB	JA5GOJ	K8LBT	SV3EXP	W0TLX
7Z1CQ	TA2RC	JH4GNE	KC8YG	TA1CQ	W1USN
DS3EXT	W2FDM	JI1IZS	KE3ZT	UX5XK	W4/KL7GLL
G0DTX	W5GCX	K0FD	KI4SFT	V31MD	W7GB
G3YFE	W7WT	K2OO	KN4WOJ	W5HY	WA3IIA
GM0SCA	W8LR	K6JAD	KO4XI	W8JA	WA8Y
IK4EWN	WB2UFF	K9JE*	KW1X	WB2MKX	WS7I
IS0BQE	WB8PKK	KB7DT	LU2AH	WM4W	
JA4RED	WU4B	M0AQM	N2IFA	WU1U	105
JF2OHQ		M0MCV	N3YZ	ZP6CW	AA2F
JF3AHI	110	N4LS	N5FPW		AI1W
JH0LME	AC0B	N6RVI	N5TW	106	AJ6V
K0XM	AF8C	NN8L	NZ6N	AB1NS	AP2IA
K4HEB	AG5Z	NW6R	TF3MH	AB6WQ	DL2DCX
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K7RAN	DK4MX	NZ3M	W4DVG	AC7DX	E29TGW
K9KDS	EA1BLA	NZ7Q	W6CN	AC8IL	F5VIF
KH6P	EI9HX	PF7M	WB1S	DS2GOO	G3LOJ

HL4GHT	JA0NZR	K4SAW	W5TMC	LA2XNA	DK7GH
JA1JYS	JA1CC	K5DXR	W7HJ	LA3ANA	DL3ANK
JA1SZN	JA1DHY	K6XJ	W7IMU	M0PTZ	DL5JH
JE6UWU	JA1RBY	K9WMS	W9GWP	M5LRO	DS4GQR
JH1IYY	J14HKA	KA7CVJ	W9LU	N3CAL	EA5PS
J11DMH	JQ2MPJ	KL7NW	WB4PWZ	N4PF	EI2FG
JJ2BLV	K1TWF	KQ6K	WB7QBS	N9MR	EI4DQ
JK1AKA	K2CQW	M0UPL	WB8LEM	NC8I	EI4GJB
K0MB	K4WW	NB3R	WD6T	NJ2X	EW4A
K1EO	K5JUC	NI5G	WD9IOK	NZ1I	F5JWH
K1ETA	K7UW	RX3BP	WF4W	OZ5JQ	G0GFC
K2GW	K8CJY	VE7XT	WL7OU	PA3AIN	G8GFF
K5NV	K8WVA	W4CU	WN9A	R2ARR	G8GNI
K5WE	KE4YOG	W5IP	XE1SAX	RZ6MJ	GW0KRL
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K6ME	N1FOJ	W8EH	YB9AY	SV2BXA	IZ4IRO
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K7CTV	N3PW	WA8KNE	ZS2ACP	TF1A	JA2KGQ
K8FB	N4LSJ	YB1ALL		TG9AKH	JE7KCI
K9DUR	N4PAJ	ZL1IM	101	UA4PK	JG3LDD
KK4MA	N4ZR		AA9D	VA2GA	JG5VFK
KR0P	N8TEM	102	AB4EJ	VK4BUI	JR4VEV
LA9JKA	N8WXQ	4X1VF	C31MF	VU2OT	K1HC
LZ1JZ	NA8W	5W1SA	DD9WG	W0ZX	K1JX
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N9IXD	PY2YW	HB9MZI	F4FLF	W3SW	K3NO
NC1M	RV4LC	IZ7QSS	G3VDB	W4PM	K3RRR
NK7L	VK3MB	JH1IHG	G4GEE	W6OU	K4GM
OH6IH	W0VU	JH1MYJ	HB9PUE	WB5KSD	K4QS
PV8RR	W9GXR	K1AJ	IK2HLM	WD4IXD	K5LLA
VU2DED	WB7QXU	K1MDA	JA1KZP	WM5H	K5MMH
W1PY	WX0B	K2CJ	JA2KPW	WU6K	K5PSN
WD4OHD	YB1BUL	K2DH	JA5ALE	WX7B	K5VSD
WK3A	YO6HSU	K2DW	JA5JUG	YB8HZ	K7VL
WZ9B	ZS6HON	K4HR	JK3NSD	YO2OXD	K9EA
YU1LD		KB1AWM	K1RE		KA2F
YV4EH	103	N2CJN	K3AXB	100	KA4H
	AF8P	N2FY	K3LA	2E0XAR	KA9JAC
104	DS5JMG	N4IR	K5HX	9M8DEN	KB6IGK
7N4OBV	EA2RY	N5JED	K5WRE	A41ZZ	KC2NJ
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AA6XV	FM4LV	NA4D	K7GA	AA7UN	KD1DT
CT3DZ	JF1KIG	NN5O	K8PGJ	AB2NI	KE1IU
EA4EJP	J11FXS	R9GM	K9GL	AC0DH	KE7BMG
EI3HA	K0BRO	S51MA	K9MQ	AD4J	KE8NOA
F6ARS	K0OOK	SM0XG	KB5YN	AE4VJ	KF5MDZ
FM5FJ	K2RNY	US8ZAL	KC3OPI	AK1P	KF5TL
G0DRM	K3PIN	VK2GR	KE9UA	AK4AO	KF8PD
GW0ANA	K3TXW	VK7AP	KJ5RC	DB6VH	KG4IYS
HA5DI	K4NI	W1GF	KK6VGE	DC1TK	KI0G
HB9BMY	K4PWS	W4GHW	KU4A	DK1MCS	KI3O

KI4PG	WA2VJL
KJ4SKO	WA3UTC
KJ8N	WA3YZD
KK6MF	WB0RXQ
KL7XO	WB2ZEX
KR4Q	WB4MM
KV8P	WB6RAB
KZ4EX	WB6RJH
N0OK	WD1M
N0VTZ	WD4GZW
N1KI	WI0E
N1UZ	WM4D
N2YU	WM9Q
N3NVA	XE2AD
N4GOA	YB6LAY
N5CR	YE1AR
N5LJL	ZS6CR
N5LKE	
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
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UR8IDX	
VA2EU	
VE1JF	
VE3KKB	
VR2PX	
VU2OY	
W0PPA	
W0RMS	
W1HS	
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W4CG	
W4YR	
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W5YKU	
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W6OZI	
W9KM	
W9ZT	
WA2ALY	