

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

K4ZYU	326	W9OL	JH3VNC	N4DB	N4QS
KD5M	AB4IQ	WB4TDH	JH4ADV	N4PQX	RV3LO
LA5IIA	I4EWH		JJ3PRT	PA3EWP	SP1JRF
N5AW	JA1SJV	323	JR3OEH	R5AJ	UA3DPM
NJ6P	JA7MSQ	DK9KX	K2UO	SV1FJA	W7MO
NO8D	JH1TWT	EA3GP	K2VV	UA3AP	W9ILY
NR1R	LU2NI	JA9APS	N3NT	W5WT	YO3APJ
OZ1CTK	N4JJ*	JF1KKV	NK1K		YO7LCB
SP7GAQ	N7RT	JH2FXK	OE6MDF	318	
W0DJC	RA3CQ	JR3GWZ	OE8RT	A45XR	315
	RU3FM	K8PT	OH2BLD	AA4HP	9H1SP
328	RZ3AM	KF0QR	ON4IQ	AD5A	AB6QM
AA1ON	SP6M	N5TY	OZ1AXG	DJ4AX	G3VKW
AA5AU	SV1RK	SM4DHF	SM6DHU	DL6KR	HB0CC
DL7MAE	W8DCH	SM6CMU	UT7UJ	EA1YO	IK4DRR
G4OBK	WJ4T*	SP1S	W3GH*	G4PWA	JA8RJE
GM3POI	YO9HP	VE2TZT	W8GC	J12KXK	JR2BJE
IZ5EKV		W3NO	W8OI	K2TE	JR7VHZ
JA6BZI	325			K4IQJ	K8NVR
JH1GZE	CT1APE	322	320	K5DU	KE9L
J14POR	CT1IUA	CT1BH	DF2RG	K9IR	N5OK
K1HTV	EU7A	EA5BY	F5PAC	K9YY	OE3EVA
K4CN	JA2FJP	G0DQS	G3TXF	LA2PA	ON4AOI
K4MWB	JA5WIZ	HB9DHK	I2EOW	PY5EW	ON4IZ
K4QL	JS2LHI	IK4GME	IK5PWQ	R3VA	PY2NQ
K9CT	K0DEQ	JF3KON	JA3PIS	RA7A	SM3VAC
NI0G	K5EK	JH0INP	JA4FKX	W3KX	UX1UA
PY5EG	K9EU	JJ2LPV	JE2LUN	W4FC	
R4GM	OE2LCM	KU0A	JH1IFS		314
SL0ZG	SM4EMO	KW9A	JR2LJO	317	CT4NH
SP6CIK	SM5CZQ	N1NK	K1LD	AA4V	DM5EE
W5FKX	SP5DIR	N4DW	K6FG	EA2IA	G3NDC
W5ZN	W6RLL	N4NX	N4II	IK2YCW	JA2AH
WA1JMP	W9OP	N8RR	N5XZ	IK8YTA	JF1PUW
YO5BRZ		ON4CD	NY0V	K2RW	JR4OZR
	324	R7DX	SM5KNV	K6YUI	JR9LKE
327	DL5DSM	SV8CS	SP7VC	KA9CFD	K1BD
DK5WL	EA5BM	UA3AB	UY5ZZ	N2BJ	K2LS
DL2OE	I0WDX	UA4CC	VE3EXY	SP1MGM	K4UEE*
HB9AMO	I5NPH	VE1DX	VE3LYC	W6VX	K5AQ
IK4BHO	IZ0AEG	W1ECT	W6XA	WX4G	KB0EO
J18DGO	JA2DPC	W3LL	W7AO		KC9ARR
N6JV	JF1WPB	W5CIA	YV1DIG	316	KG8P
PY2YP	JF7XKY	W5TCX		DL5WW	OE1AZS
SM2GCG	JH8RZJ	W18A	319	GM0GAV	OE1ZL
SM5DJZ*	K0CA		FK8CP	HB9HFN	SM4DDE
SP8NR	K5KC	321	JA1XEC	JA2JNA	SV1DPI
VE3FF	N8BM	AD1C	JE1SYN	JA8EAT	SV1JG
W2IRT	OE8HIK	G4CCZ	JH3CUL	K3WA	UA6MF
W4UM	R3OK	HB9BIN	J11DHY	K4HB	UT9FJ
W5XX	SM6CCO	JA0GJJ	K6AM	K8YTO	UX0FF
	SP9DWT	JA2BDR	K7NN	KQ8M	
	W1RM	JA3AZD	KV7K	LA7HJA	

313	RL9F	G0BLB	W1YM	W4QN	SM6CUK
5B4MF	SP6HEQ	I5HOR	WA5VGI	W5ADD	UA9FAR
AA5AT	W0YG	IZ8FFA		W7DO	VE3BW
AB3CV	W4BP	JA2XW	304	WD4LBR	
AB9V	W8HW	JA3GN	DK5AD		298
DK2NG		JH1QAX	EA6VQ	301	5B4AHJ
JA5IU	309	JJ3HGJ	F2JD	AA5AM	G5LP
JR1BLX	DJ5FI	K0KX	HB9DDZ	AE5E	HP2AT
JS3CTQ	EA8AKN	K2SHZ	JA1XCZ	F4BKV	JA4ITW
K5BG	HK3W	K3RA	JA2ZL	HK4SAN	JL2JVX
K6TA*	JA1EOD	K9MM	JF2UPM	I2MQP*	JR7WFC
LB8DC	K8QM	KC6AWX*	JN3SAC	IZ1LBG	K8EUR
N8KOL	KX4R	NE1B	K8AC	JA0DIN	N5DG
SP3CGK	NN4SS	NI6T	KC7V	JA1IZZ	N8TR
W1GL	NU8Z	NS6C	N7US	JA1LSP	ND0N
ZS6EZ	R9TO	OZ4O	N9RS	JA2WYN	NQ1K
	RU3QR	SM5JE*	NN4R	K4SE	OE3SGU
312	RW3RN	W2JU	R7FK*	K6RO	SV2DGH
CT1DKS	RX3AGD	W6ENZ	UY5AA	KI0KB	WB0TEV
DK1FW	UA4LY	W7OM	W5XC	N9AU	ZL1BYZ
EA7TV	VE7IG*		W7CT	RN3QN	ZL3JT
IK2QPR	WB8BPU	306		US5WE	
JA1SYY		DL1KUR	303	WB5JID	297
JA2IVK	308	DL6CNG	DL5EBE	WE9R	AC0A
K1HT	DL2CHN	G0OIL	EA3GHZ		DL4CF
N5ORT	IK0PEA	HA1RB	G3LZQ	300	DL7BA
WA2VYA	JA1GRM	IK4PLW	HL3IUA	AA8CH	E73Y
WP4U	JA7IC	JA0CRI	IK2RPE	HB9DDO	HL4CJG
YU3AA	JA9TWN	JA6WJL	K5WAF	HB9SLO	IK5RUN
	JF8QNF	JH1AGU	K7WP	IK4ADE	JE7JDL
311	JL1RUC	JH1NYM	K7ZA	IZ5RVG	K2PK
F3SG	JR1BAS	K2UU	K9RX	JA9AA	K8GI
JA2XYO	K0GY	K5XI	RL3FA	K0KVR	K8WK
JA4MRL	K1AR	R9FM	RW4NN	K3XA	KG7H
JA7JWF	K4SO	W9RN	SM2OAN	K8GG	KT1J
JH4JNG	K8OM	WB9CIF	SP7HOV	K8TL	PY2VA
JO7WXN	KN5O	WD0DAN	SP7ITB	K8VJV	
PY2XU	KS1J	305	W1SKU	KB1JZU	296
UR0MC	LA7JO	A65BR	WT8C	PA3CSR	AA8OY
YB5QZ	OE1WEU	DJ4XA	ZS1LS	W5AJ	EV1R
	R7NW	JA1VSL		W6TC	K6FW
310	SV1CNS	JA5XAE	302		K8VC
I3BUI	VA5DX	JA9CWJ	DJ5JH	299	LA8PT
JA1ANR	W2QO	JR2UBS	DJ9ON	CT1FMX	N0RB
JA6VQA	W9MU	K0JUH	EA1N	DM2DXA	PY7DJ
JA7QVI	WA7NB	K6KLY	F5CQ	EW2A	RA3QK
JR6FC	WA8WV	K9ZO	IU7QBB	G3SVD	SM6BZV
K4EM	WD9DZV	KG4W	IW1ARB	HB9RG	SV9COL
K8FL	YS1RR	PA5TT	IZ2AMW	JA7BWT	UA6YW
LA7AFA		RA9CMO	JG3LGD	JH1SJV	W9JA
LA9AJA	307	SM3NXS	JG4AKL	KM4H	
MD0CCE	AC4G	UT2UB	SP2BMX	LA3WAA	295
N1IBM	DK2JX		W0VX	N4TL	AD6W

DL1DUO	EA5AT	289	286	W8BBQ	K1GG
HB9TKS	G4GIR	AJ6T	4Z4DX		K4WNW
HL2IFR	G8DX	DL9TJ	AB5A	283	LZ2JE
IW0SAF	IZ3ETU	IW0HQE	CT3HF	EA6ET	PY2DS
K5ZK	K7ZD	JA8EJO	DL2VPO	HB9CQK	SM5CZK
K6SIK	N8II	JA9FAI	IK0XBX	JA1RTX	W8LGJ
KD3CQ	R6AF	JE2LPC	IZ8XQC	JG3FEA	WA9PIE
SP8HKT	SP5IWA	JG1WSC	JA1QXC	JL1XMN	ZS4TX
SV1GYG	SV2AEL	JH1BAM	JA5BEN	K3WW	
W2GG	W6SR	K4XD	JA7LGE	K5DHY	279
W5LT	WA3AFS	K6ND	JG0CQK	K9NW	AJ9C
W6XK		KK0M	K1LPS	LA8HGA	HL3GOB
YO2RR	291	N2NL	K1RO	LU4FPZ	JA1FQI
	G0EHO	N7TY	LU8EKC	N7IR	JA9IFF
294	GM0AXY	R0FA	RA0FF	N7RO	JE8TGI
EA6NB	K3PA	UN6T	UR5EDX	OE8SPW	JF2XGF
HB9BOI	K5VIP	W9YSX	W3GQ	RA1QD	UN7LZ
HB9CEX	K7ZV	YB1UUN	W5VY	S57AT	VE3EK
JA1BPA	KB8VAO	YO2CMI	W6PJ	W1LW	VK3HJ
JA1IOA	KP2A		W8AXI	W6BJH	W3JX
JA2VQF	LA5HE	288			
JE1DXC	MM0EAX	I1EIS	285	282	278
JE1GWO	N2TN	JA1SVP	DL1TRK	GM3YOR	9A4T
JE8CLT	VE3CFK	JR1DUP	DL2SWN	IZ0RVI	DL5CW
JK1EXO	W3RJW	K4MS	EA3GHQ	K5UO	EA8RR
K5MC	W6YI	K9US	IZ8DFO	NT0V*	F2NH
KZ4V	ZS2DL	KD0Q	JA2VMU	RD3AW	I4KDJ
N0KV		N4RWG	JK1GOK	SM4CTI	IV3GOW
R5DT	290	N6UK	K6GXO	UA0BA	IW1QN
RU6L	9K2OD	SP9JZU	K6PJ	W7AL	JA8LRG
SV3DCX	AA4A	UA3AGW	OE1WHC		K1USA
	EC3A	W1EQ	W8AV	281	K2UR
293	IZ4MJP	W1YIF	WK7E	AD5Q	K3UL
AA4R	JA1JAT	W2LE		EA5OX	K5RT
CU2AP	JA1KQX	W2NO	284	EI2GLB	KD0PO
DL1SMA	JE1LFX	ZS2EZ	EI9FBB	F3AT	VE3CRG
EA3WD	JE2EHP		JA1WSK	IZ8FDH	VE3DZ
IV3YYK	LA2QM	287	JA2FGL	N2WB	W8MHW
JA2CXF	LA5LJA	9M6YBG	JA3DY*	N5GH	ZL4TT
JA3RQ	LU3CQ	AA8LL	JG3SKK	N8SNM	
JA9GPG	N9FN	HB9BAT	JH3SIF	W0LS	277
JH7RXU	PP1CZ	JA2ATE	JN1BMX	W7ZJ	EU1KY
JM1FHL	SK3PY	JA3EOP	K0BBC	W8TN	F5UJK
K4JAF	SV3AQR	JE2OVG	K0TPP	XE1KK	IT9CVO
K9MK	UN7TW	K0AZ	K9SM		JA0PE
N2LM	VU2NKS	R9SA	OE5BWN	280	JA3ENN
PY2IQ	W2LK	RM0F	PY2KP	GM3PPE	JA8EOT
S55DX	W3OA	SM5ARL	SM0CCM	HA5VZ	K2AJY
W9AJ	W4VIC	UN7JX	SM6CTQ	IK0HFO	K8UT
WA4FFW	WB9EEE	W1VT	SP3IBS	JA2IYJ	N5LZ
	XE2CQ	W4YCH	W2AY	JA6TMU	UT7UV
292		W7BEM	W4FQT	JH4ALY	UW2ZM
AI9L		WA6F	W5ODD	JR6LLN	VU2PTT

W3BW	JA1XPQ	270	267	263	260
WF2S	JA2TBS	CT1EAV	4X6ZK	DK4TP	7M4AOE
WT4Q	JA6BEE	CT3MD	AA4FL	EA3CJ	AB4SF
	JH3GCN	DK8MCT	JF2WGN	EA4DL	EA8MT
276	K5PS	DS1JFY	JG8FWH	HA7UW	EA9IE
DK3WW	N4IG	EA1KY	JJ3CJP	JA7XBG	EC1AIJ
HB9LCW	OZ1ACB	F9XL	KB1EFS	JR8AMF	EI8IU
IZ5BAM	RW7M	JN1RQV	R8TX	K1KO	FG5FR
JA7FWR	UR5WA	K0BJ	SM5BMB	K8FH	JA1KPH
JA7LMZ	W4HG	K7UA	SM5FUG	KN6KI	JA2FBC
N5MOA	W8RLS	K9JF	W1KSZ	N1RR	JH3FUK
ON4CAS		N4QQ		W2OIB	K8YSE
RX4HZ	272	PU2POP	266	W3ACO	LY1G
SM0NJO	AF9H	VE6LB	7K1PTT	WA4LOX	N6MZ
SM5CLE	CT1GFK	W8HC	IZ8VYU	WB2GAI	N7BT
VE1JBC	E72A	WL7E	JH1HHC	ZS6NJ	NN4X
W1ZT	EI9JF		JJ1TKN		NX0I
W5GO	F5PBM	269	K8AJS	262	SK7AX
W9FR	HA9PP	IK8EPC	K8ROX	CU3EJ	TG9NX
	HK1MW	IZ3ENH	KQ4AV	I5REA	WA0MHJ
275	IK5PWN	JA1OVF	PZ5RA	IV3VBM	WA5LFD
EA1AF	JA9FPI	JA1VLK	RA4CA	JA8BAR	
HL2WA	K3FRK	JE3ENP	W0FLS	JF1NZW	259
JA2JRG	K7EG	JP1NWZ	WB3LHD	JG1OGM	4F2KWT
K0GD	K8BL	K0KT		K2KA	AA9A
N2JJ	KI4GE	N4UOZ	265	K8AV	DJ8NT
N7KA	LA3MHA	NW7E	G3WPH	KF2DT	EW1BA
N8PW	OE5FIN	OM4EX	JA4FM	LA9FFA	I5OYY
PA7RA	PA0ZH	PE1L	JO4CFV	ON5UE	JA8BNP
W4OX	SV1ACK	SM5FWW	K2CBI	W5ZG	K2UFM
W9MJ	W1YRC	W1MK	LB2TB	W6NWS	K5VWW
WO7R	W2OO	W4MAY	N5KM	W6RS	K6IPM
	W3AP	YB1AR	N9JV	W7LGG	N4JQQ
274	WN6W		W7MEM	W7QDM	NI3P
DL6JZ	ZS1A	268	WB2BIN	W9PZT	PY5CC
EW1KP		JA1NWD		WA3GFM	SM4AZQ
IK0AGU	271	JK1TCV	264	WB8ART	W2FV
IW0HOU	4X1RU	K1DG	4Z1UF		W7AH
JH1IAQ	AA8R	K1MAA*	DF2GH	261	W8KEN
K1DT	I1FQH	K9MBQ	EA1KP	HB9RYZ	WA1S
K3PT	IK2DZN	KD4W	F6DBX	IZ8IEV	
K6UM	IZ8EJB	N2AJ	JA8DNV	JA2XCR	258
KA8ZPE	JA0DET	N5JB	JA8ZO	JH3KAI	DK7YY
KJ6P	JE6TSP	N6TA	JR4LNG	K2FW	HB9IQB
NA5C	JM1HJG	NA5DX	KA1ERL	K7LJ	JA9AGN
OE2GEN	K3PU	OH1ZK	LA0FA	ND4X	JH1BNC
RA5BM	KS3F	ON6AA	N1GC	NK4L	KH2L
SV9AHZ	N8LJ	SM5ENX	PA7TWO	OM8FR	OH4UI
UA3ECJ	NK0S	SM6BGG	SV1CQN	SM7CQY	SA0AQT
W0EWM*	UA3TT	W8QZA/QRP	VE6AX	W0GG	US0YA
	WA3C	WA1YTW	W5PF	W4UCK	W1SSN
273				ZS6WB	W4LSC*
CT1FCX					ZL2IFB

257	DL1HRN	DL2RTL	N4XP	K1EFI	JF2VAX
AF4HX	E72U	F1ICS	OZ1LCG	K1PL	JP1IOF
BA4RF	JA3VPA	JA5BGA	VE3YF	K1YR	K4RG
CT1FPQ	JA3WLN	K1SM	W5JAY	K4JJW	K7KB
DJ0UT	JH1VUO	K4VIG	247	K6EID	KV1E
EA7SG	K3SEW	K8CW	EA3EQT	K8RRT	W3ABT
EB3CW	KI5BLU	N4SC	HL3DE	N1EN	W5DNT
IK2PZC	N4LR	N5UL	JA1DDZ	OE3HWC	W5QM
IK4AUY	UA3O	W1KDA	K3VAT	SP6A	W9EWZ
IK8VRH	W7YAQ	W2JLK	KM1D	W4REX	WV6E
JJ1DWT	WA0RVK	W4SK	N7DED	W5PJR	240
N3VA	253	W5GAI	VE3YV	WA3F	7K1CPT
N6HC	CT1BWU	W8JRK	W2GW	243	GU0SUP
N6PSE	CU2DX	250	W8IQ	CT1FUH	JA1DM
OH1JP	DS5ACV	CT1DOF	WS5W	CT3KN	JA2FSM
PY2MC	G3UAS	EI6FR	246	DS5TOS	JE1HRC
RU1AB	HB9DHG	HA7TM	IV3KFB	G4XRV	JR1WCT
SV1VS	JA6GPR	IK0UTM	JA1VRU	JA2EPW	KF0LA
W8MET	JA6IVR	JA8CJY	JA2QXP	JA7BEW	N0ABA
W8MJ	JE2RDO	JL1MWI	JA7HRM	JF1LMB	UX5UO
256	K6MKF	JR0EQQ	K1FEV	K4ZO	W0SZ
BH4QYX	K8DV	KQ3F	K4KAY	K8ME	W8IW
EC1A	KE1F	N1SV	K6BV	LA9VFA	239
FG8OJ	N7XR	OZ4VW	K9YC	N1API	6K5YIA
IK4HPU	NF1G	PA0JSE	N2DPF	N4QWZ	DJ9RR
JA0KJE	UA0FO	PY2FN	N3KN	NV9L	DL9FCY
JH1RGG	WF4U	UN3G	W1KMA	SV1FJP	IZ1JMN
JH4GJR	YB0COU	W7HPW	W3FI	W1BR	IZ2FOS
JM1GHT	252	W7IU	W3ICM	W8OP	JA7KE
JM2RUV	DL7UPN	249	W5ZO	242	K2XF
K0TT	G3KWK	IZ4DPV	245	DH2PC	K6EME
M0TTB	G3NKC	IZ8GGF	AK5X	HL3AMO	N8SHZ
N9ISN	JA1BNW	JA8FFM	JH7BKN	JA4ZA	SP6JIU
W9HBH	JA8UIV	K7XB	JR3UIC	JH1WJR	W0JM
255	JF3PNQ	K9NR	N0AH	JH4ADK	WB7B
AI6Z	JH1ACA	N8OC	N5BO	JR1MLU	238
IV3TMM	JH4CBM	NA5Q	NZ3O	K1CA	EA1JO
JA9NLE	JL1BYZ	NU1B	S55ZZ	K4PB	HB9MFM
JE2DZC	K1ESE	OZ5NJ	W6DE	K7FEL	JE2VLG
JH4HMG	KI1U	SM4OLL	W9JJB	N2NS	JF0JYR
JK1OPL	LA5YJ	UN3GX	YB0NFL	N3RC	JH3FHQ
K1UU	N6RV	W0RX	244	N6HY	K9OR
K9FN	NT5V	W1OPD	EA5RD	N6KZ	KA4RRU
KR4F	SM7IUN	W9RC	HB9BUN	SV1IW	KF7F
N1RK	W2ZI	XE2D	HL2KV	241	M0CSD
VR2XMT	W7CA	248	JA1CZI	AB5C	N4PJ
XE1MEX	WS9V	HB9DOT	JA4VLK	AF5CC	N9UA
254	251	HL4GAV	JJ1SKG	HC1BI	W4KA
BA7IO	9A4W	JA6UL	LA6UL	IS0AFM	WA4QMQ
CT1BWW	AA6AA			IZ8FWN	WA6JA

WB0TVY	K4QE	232	IK2GAJ	226	223
WQ6Q	K5CWR	EA1RT	JA2OLJ	DM2RM	AC9EM
237	K8ZM	JA3BXF	JE1VTZ	HA5PT	AC9O
CT1BOY	N2FF	JA5NPV	JK1VXE	I0OSI	AF2C
G0VXE	NW4M	JA6CBG	K0HD	IK7FPV	EA7DUD
IW3GJF	TA1CM	JH1APK	K3FM	K2BA	I8MTQ
IZ5YHD	W7YW	JH6DUL	K4CMS	KB1DMX	IK2RZP
JA0LXP	WB8CQV	K0DD	KD1F	KH6M	IZ8MBW
JH1DGQ	234	K4ST	KI4DLS	KK4OK	JA1IAZ
K1RV	DF7EE	K5FNQ	N4NW	KX2A	JH1DGJ
K2NV	DK2CC	KF7PG	W1WC	N2KX	JR1VAY
K8YYY	HB9BYQ	NY2NY	WA1PMA	N5ET	K6IPV
N4HID	HB9JOE	OZ1IKY	228	N6BM	KG9Z
SM0MPV	HS1NGR	RK4FD	F5LIW	VK4CAG	KI6CG
VU2CPL	IK0LNN	RQ3A	GW4TSG	225	KW4V
W2XI	JA1EMQ	W2/CT1GIF	JF1RYU	DK5RL	N1NU
W8UN	JA8XQI	W2YR	JH1ERJ	DS5DNO	N4ENE
WA0ROI	JK1BSM	W3FOX	JH2PWY	EU1M	VE7TK
WB8B	K4MF	W6CYX	JR7GBL	JA3QOS	W4PNY
WB8ZRL	KE5FXE	W9ZCL	K1XV	JH1UBK	W7IB
XE1RBV	KE8UM	WV4TN	K4JC	JH8NQV	222
YO3JF	N4HB	231	K5FZ	K0OK	AA0MZ
236	N4OA	AD5WB	KS4S	K1JIU	DJ9SO
AA7G	ND4V	G3KMQ	N6PM	K5YU	DL5XL
FG4NO	NV4B	HL2ZN	RA3QUA	KA8SYV	E77S
HB9ZS	S51NM	IW7DVM	W2DXE	MU0FAL	F6ECI
HL2CFY	W3WST	JA1MZL	W9FI	N9SF	IZ7AUH
JA1HOM	WA4CEM	JF2WXS	WB8K	SM3LGO	JA9NFO
JA1JYE	WA4JQS	JH0AWC	227	W3MR	JM1VRW
JA3KNN	WA5UA	K2SN	DL2RUM	W5GZ	K2AT
JK1UNZ	233	KD6UO	G3VPW	W5TFW	K6ZZ
JN1NOP	AA9GR	NA4EA	HL2EIZ	W8UV	KJ7TEA
K1ACL	AJ4A	SM7NDX	I0MWI	YO9FNP	N2SQW
KM3J	CU3EQ	W0QQ	IK8UHA	224	OZ7FOC
KM6HB	EA4DEI	W4UDH	JA0DWY	DK3PZ	RA4P
N4GN	I0JBL	230	K1GE	EA7QW	W6AER
N6IE	JA4HAW	DK6OR	K1KA	JA3FHL	221
OE2BZL	K8BN	F6HLC	K5GH	JA8NFV	E21EIC
PA0TCA	K8EAB	G3LUW	N4IQ	JK1WSH	EA2AAZ
SV1HEP	KJ7M	J11VVB	N6OJ	JO1LVZ	HI8RD
W0HBH	N2NW	KB9DAK	NF4A	K1CBK	J11NJC
W2TB	N9BX	N0RN	W5SL	N3RW	JR7FRW
W4GIW	NE3F	W5DM	W6DR	N7WO	K5DV
W9OO	PY5IP	W8WVM	W8GNM	NH6T/W4	KK9H
WY6N	SM0XBI	W9YE	WA2USA	OE3KLU	KU4XO
YB2TX	W2NRA	WB2NPY	WA8MCD	RW4CY	RU0SN
235	W6RW	229	WA9GON	SM7BHH	W4DEE
EU1U	W6YOO	AA3LX	WC3W	SP6AXW	WB0O
JE1IBI	WB2KSK	AE0P	YL2KF	VE3SKX	220
K0VSH	WD8PKF	AJ8MH		WN6K	AA6RR
	ZL4AS				

DL4DW	DH0GSU	VK3NX	KU4BP	K2PF*	NA9Q
EA5DFV	EA5B	W0FG	PY2RO	K4CGY	W9DX
EI9FVB	JA2NNF	W0TT	SM5AOG	K4WES	WA3WZR
JA6AVT	JA7ZP	W1JGS	SP5LKJ	K5RJ	WA6G
K1DJ	JG5RVQ	W2PP	W5DAW	KS4YT	
K4EU	K2HAT	W4IS	W5GA	LB5WB	205
K4MIJ	KB5UNX	W6SL	WK4Y*	LB6KC	CU3AN
K5MT	N6QI	W7JY*		NW6S	DL4LAM
K6MM	OZ0J	WE1P	211	OH7TV	DL6UNF
K7AWB	SV8DOU	WE4S	JA3LDH	W5FPT	HB9BNQ
KZ9DX	W0TM	WV9L	JJ1KZZ	W6WF	JA4DHN
NA5Z		WW8W	KD2T	WX2U	K3WWT
ON4ATW	216	ZL2AL	KT2C		K4YYL
PA3BWD	CX2CC		N1BY	207	KE6V
SM0DSF	DJ3XG	214	VR2XLN	9K2BM	N9KW
UR4IOR	G4VMX	DJ3AS	WA3I	G8AJM	OH2IS
XE2X	HB9CXZ	EA5AR		JE2EBT	OH3OJ
219	HB9DQV	F4GVO	210	JF1WLK	UN9L
AG1A	IZ0NRG	I5XFD	JA1OVD	JF2OZH	W7HR
F5JSD	IZ1JLG	JN7DOS	JF6XQJ	JH2VVH	W8BLA
HL5BMX	JA1FJJ	K0QQ	JR2PZX	K9FZ*	W8FIB
K5JZ	JA2VHO	K2AZ	KD4SN	KE1VT	WA4MME
K9ZM	K3NQ	KB6CIO	KD8RQE	KK2M	XE1J
KG6I	K7LV	VK3BDX	KE4UW	KV4T	
KI7AO	KK4OW	W0KCJ	PY2WC	M0IKW	204
N1KC	KR4W	WB6BFG	S54A	N9AKR	EA2AFV
N6DX	NC4RB		VE7BV	OE1JIS	HB9DVO
NA9RB	PS8ACL	213	W5THT	ON4ANN	JH1OBS
W6GRV	W0SR	9A1AD	W5WP	RD9M	JJ6DGP
WB4KTF	W9MO	AG3V	W7FP	SP7ICE	JR0QFA
	WB3D	DK3UA		TF3DC	JS6TWW
	WS1L	DS3HWS	209	VK2CA	KB5HC
218		IK1IYU	7J1ADJ	W4GE	KM9E
DL2NOM	215	IV3FFI	AH0U	W7NN	KV4AA
DL4NBE	9H1EJ	JA0EVI	K0VM	W9QO	KW4CQ
DS4AOW	AA7XT	JA1FVS	K5ALQ	YB0MWM	W4GP
I7PXV	G4FKA	JA3NHL	KB4MRX	ZS1J	W7IV
JF1MTV	HB9EFK	JR1EFG	N0ODK		W8LMG
JJ1QUV	IZ0BVU	K2RU	N6PEQ	206	XE1L
K1NTR	JA4CZM	K4JWA	NE6I	3A2MW	
K3EA	JE1PNX	K9GA	PU1KGG	HB9CRV	203
K9JU	JE2UFF	LA5SJA	SM5BNK	IZ4DIW	F5NBX
KE3D	JH0OXS	N8GP	W3BJ	JF1IRW	IK2RGT
N4JT	JH5HDA	NA2M	W6DCK	JH0BQX	IZ0BTV
TZ4AM	JT1BV	VK3FM	W8HMK	JN1NBU	JA7JPZ
VU2CDP	K2XB*	W2KA	WB0ULX	K0MN*	JH8NBJ
W8CZN	KF4NEF	W8WEJ		K8NK	K0CS
W9KVR	KR6C		208	KF9UG	K4JKB
WA2NPD	KX4TT	212	DL8SDC	KK5OQ	K9OW
WC4H	N8NN	G4ZOY	JA1PBV	KK9T	KA1DJ
	N9AOL	JA1BWA	JH0NOS	N4TOL	KM7R
217	RN9N	JH3GFA	JR3VMJ	N8BJQ	N3PS
AB4UF	V51B	JJ1BMB	K0THN	NA2AA	N4TV

N6PAT	AC0X	N2GZ	JA0AXV	K8ZT/QRP	WA5IPS
SV1FKZ	AD4AA	N3QE	JA1QIW	KD0AA	WB4DNL
W5RF	JH0RVY	NA9A	KB2FCV	N3AIU	WZ4RC
WA3FRP	K3SX	RC2A	KM1C	SM7GIB	
	K4SX	SP3F	SM5ELV	W9ROG	185
202	K4VNY	SP5MXZ	W8NN	WB4GLI	G1VDP
AA9RR	MU0GSY	W1MJB		ZS1DX	K0KP
DF3EC	N2RR	W6HYI	192		K3PP
IK5BOH/2	PB9FN	WA0WWW	F6FYD	189	KE5BR
JR4LZX	V51YJ		IZ7GIT	HI3T	N4HN
K1NJ	W6JZ	195	JA0CIU	I0LYO	UN7BK
K9TF	W9RXJ	CT1ELF	K5IB	IV3KCB	VA7ZT
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N8WD	198	JA2NDQ	K9SG	JG1SWM	W6RKC
NU1O	DJ0MCH	JA7QQQ	KE0A	K6JAT*	WB5NHL
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W1DYJ	JR1IZM	K4KEW	KJ4YLO	KU8X	
W3NS	K0GW	KE4S	N4XYZ	KY5I	184
W4RDX	KA1J	N3XM	N9JR	RM3DA	AD6ZJ
W7TUS	KC6JAM	OH6NIO	UR3EO	RN3CT	DS4GKF
W7VY	N4FN	SQ7FPH	VA2IG	SM4BZH	EA5RU
WE2N	N6ZN	UR5FEO	WY1G	W6DPD	HP2NG
	RA3BL	W3SB	YB1TQL	XE1FAS	IK0HBN
201	W6SHY	W6KK			IK0WRB
AA8SW	WA2VQV	W9LN	191	188	IT9ODQ
GI4OWA	YL2TW		AA4NC	EA7AN	JH1FVE
JH1IED	YV5LI	194	DG5LAC	JA0GCI	K3JM
K0MFI		A65BD	DL4FAP	JK1AJX	K3NF
K4YJ	197	HB9ESS	HA5CW	JP1GUW	K5RKS
KK1W	4X4MF	HB9VAB	K1RI	JR0AMD	KZ1W
LA9GX	BA4TB	IT9AAI	K8QKY	K1JD	M0HIH
PY2GG	EA1DLU	JH1OCC	KO6KD	K2DC	NW7M
RT5A	IV3AVQ	JH8UQJ	N4DWK	PY2RN	SM2EJE
W6AEA	IW9DNI	K1LT	N7MQ	WV4V	UN7BY
W9IL	JJ2WOC	KP3AH	OZ7DN		UT7KF
	K8SIA	KR8T	VR2CH	187	W6BK
200	KI4WCQ	NJ3K	W5LO	IK8GJR	W7IUO
HB9AGO	NG7M	NJ7G	WF1H	JH7NTW	WB2HJV
HB9IIO	W1FA	SP6EY	WI8R	W5ZE	WB3BFC
IZ8EKL	W4DAO	W4DC		W8UQ	WB5STU
JA0KJD	W4HZ	W5UHQ	190		YB1RUS
JA3EY	WQ5R	W5VQ	AA4U	186	
JE2KSM	XE1H	W7PAQ	AC4VM	AA4LR	183
K2TER		WA1NXC	BV1EK	G4XEE	JA2KSP
N1IA	196	WW2DX	DJ9KV	JA2MNB	JE4CIL
N4TD	AD8P*	ZS2Y	EC7B	K5QX	K3SF
N7ELL	AG5W		G3WW	KC6X	K6LRN
N9PGG	CT3CD	193	HL4CCM	KK0DX	LU4FW
PY3VB	G7SSE	7L4VYK	IZ0GYP	N6MXU	NA2U
VK6LC	I7LGM	AE4CW	JA2ITK	N6VNI	W3ML
	I8YAV	DH3KM	JH8KFE	NU4B	YB2TS
199	JA1XRA	I1YDT	JJ2UDK	W4WN	
AA3TH	JH1OGT	IZ5MOQ	K7UT	W8RV	

182	179	YB1TJ	W5WI	W0MU	JH1ORA
I5FLN	AF6PK		WA4BIM	WA4DOU	JP1LRT
I8LWL	DL5MHQ	176	WB0N	WA5KBH	K1VI
JA7FAS	K1RH	DL6NW	WQ5T	WI7P	K2SY
JG1JPE	K4WZ	IK0CHU			K4KGG
JJ1CQA	KE5TD	JA1ERB	173	170	KF0RQ
K7LAZ	KJ6NZ	JR1FHP	AB6CF	4X6KJ	KM4VI
KG4JSZ	KZ2R	K5DCW	AI9U	DL2JIM	LU8ADX
KK8MM	N3KV	KK7YC	HB9FBG	EI5KO	LX1CW
KL7TC	N3ME*	KT8D	HB9HVG	EI6AL	N4ST
LA5LT	NY1V	N1JP	K5ZQ	JA1BON	N6MB
N8NA	SP5ELW	N2MEE	K6UNE	JA1GVT	OE1ALW
N8NB	W0ZS	OZ9XU	K7PT	JQ1YIW	PP7LL
ND3L	W4CCS	VE1VOX	K8JE	K1ZJA	R4FAN
ON6KE	W4TUN	W0PE	LA9VBA	K6JJ	VE3YXO
VK5GR		W4AEJ	N7HN	K7CU	WX0Z
VU3CAU	178	W4LEW	N9DR	LA2GH	
W6SFK	EA8AXT	W7WZ	NX2X	N4VN	167
WV2I	G4DDL	W9WO	OV5O	N5PA	JA3AVO
WV8DX	I4UUL	WA3GNW	SM0EUI	N6EM	JA8BOV
	IW0BYL		WY7FD	N8VV	KB8NTY
181	JA3UNA	175		NK7C	KE3X
IZ4AIB	JJ1WLL	AG5CN	172	NX4TT	KH6XT
JH1FNU	K0NV	JA0LFV	EI1DG	OZ3SM	KN7D
KY6R	K1ZE	JH6RTO	G3SBP	VE1OP	N1ZJ
N6NU	K4GO	JO3WHB	JA7DPC	VE2YG	N7VPN
N6VS	KR2Q	KD4POJ	JA7FVA	W0OGH	PY2SEX
N8HRZ	KU1T	KF6HI	K5TA	WA4USA	WA0SXV
NV4A	N2ZA	LZ2ZG	KC2SST		WA5NFC
SV8CKM	VU2LBW	N6DHZ	LZ1XL	169	WB8BZK
UA9AEU	W7HUY	N7NG	N3AO	DM3CW	
VU2IBI	WB6AXD	NS3L	OH2LHE	JE1PHH	166
W2OR		NW7US	SP5ES	K3VAR	AL7R
W6TK	177	UA1OM	WC0W	K4WY	DL1SVA
	4X6UU	UA9AGX	YB4IR	K5CD	HL4XM
180	IU0ICA	XE1R		K9OT	JE3PCP
A61BK	JA3EEM	YB0DJ	171	KF9AF	JJ1BDX
AA4AK	JE4RAL		AD3C	KI2D	JR6GHN
JH1IZR	JF1LZQ	174	CT2GZE	N5MT	KN4FO
K0IL	JG3KLF	AG7N	DL5MM	RD3BD	KR4BD
K2SD	K0EEO	DF8FT	F9CI	SM7WVZ	LA7EIA
K5TN	K3OX	DL5KUA	IK3GBG	SV1IZY	SV2CLJ
K8SL	K8YE	JK7LXU	JM1SZY	W0AIH*	W4PGC
N4MIK	KF4VTT	JR3TOE	JS6QOM	W7IAN*	W8SAX
NA5S	KP3V*	K5CR	K2MK	W7VAS	WA1ZIC
NZ5O	NA6MG	K9HQM	K2TV	WA4NUF	WB3JFS
VK2HV	NC2Y	K9UQN	K6ZP		YO3AIS
VR2XYL	SM5CBM	KZ5DX	KB0V	168	ZS6IR
W1LE	VK2AAH	LA6OP	KC5LK	A92IO	
W4DSM	W0IKD	N4PYI	KP4DKE	AA5N	165
W5SUM	W1AO	N5QS	KW9U	AG4Q	AG6HE
	W1OP	NN5E	N8WRL	EA5HM	CU3HN
	W4KVS	VU2DCC	NA6O	EW1P	EI5JL

IK0XIH	LA1CO	JR1CAD	KJ7NO	K4EZY	WB4SON
JE4WOK	N0AMI	K5VR	N4XMX	KQ4EE	152
JF1KML	N7KDT	K7LY	W2CG	M0IFT	5P5Q
JK1DDG	R3IS	KC9K	W8LIG	N7WS	AC6BW
K2AX	SM7CZL	KF2OG	WB2RAJ	NO9E	BX5AA
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KG4CUY	W1OK	KM4NS		TF3JB	DU1KT
LA2XPA	W1XV	N0IW	157	UT7EC	G4AFJ
N2RJ	W8MIL	N4MEC	7N3IJT	W5SV	IK5BSC
N3KS	YO3DDZ	N5WA	AA3AZ	YB1AYO	JG2LGM
RA0BA	YO3IPR	N8IL	E20YLM		K2EK
SP7QHR	YO4AUL	NI5F	EA3HDZ	154	K4RDU
VK3TC		SV1XV	EI2JD	AJ8B	KD2OV
WB2WPM	162	W1ASB	JA3MHA	DK1NAL	KE9S
WB9PNU	BH4IGO	W1TO	JA4FKO	DS5WQT	ON4LG
	DF2UA	W9FF	JM1ESG	JA0GZZ	R9JX
164	DJ7JC	W9NIO*	KN7Y	JA4HXF	W6RFF
AC4BT	DS3EXX	ZS6RJ	KW1DX	JA8ANQ	W8FN
CT3DL	EA2AGV		N4MI	JH1AQN	WA6EZV
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IZ0GVZ	JR4CZM	F4DSE	PY1NS	JL1GYZ	
JJ1JMZ	KA1API	IK0WMJ	W4NBS	JR3QHJ	151
K6CF	N4BAF	JA0ED	WD8KND	N7JB	4O3A
K6GFJ	WA7BNG	JA3PRM		NE5W	AA4UC
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LB7ZG	161	JK1JAS	DK8IZ	W4CIR	DF1IR
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NA2P	JP7FSO	KB7AK	F1RAF	W8TM	JA2BUR
PT7DX	K1BZ	KW4J	G4AYU	WA9MAG	JH2NWP
S50B	K2CYS	LA4JGA	GM0VRP	WN7J	K4DET
W6SIY	K2OP	LA8ZAA	GM3WIL		K7LAY
WA5CMI*	K4AR	N1MD	JA2ODB	153	K9AAA
XE1YD	KM4A	NE5S	JA9RT	HB9BEM	KE4BKL
	N7QT	OT1A	JH2AJY	JA3UOQ	KE8G
163	N9LEO	VA3NXM	K1ROA	JR7MAZ	KK4CLY
AA4OC	NA6XX	W1EBM	KA9OKH	K0COM	LZ2XF
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AE4M	SM3PHM	XE1MW	N4QM	K3HW	N7MB
AI4QQ	W5BK	ZS6C*	N7GCO	K4OY	NU4I
DS4NPL	W5RDW		N7RD	K8ROK	SM0NUE
EA1AZ	W6DOE	158	W1MR	K9MMS	VA3EJN
F4CPF	W9GG	9J2BS	W5JMW	K9YZ	VA3HP
HA5BSW	YB2DX	G4SGX	WA6QGH	KK4XL	W3HER
IU8IYE		HK3PJ	WB4YDL	N0VVV	W5WLA
JR6LDE	160	IK3DVY	ZL3RJ	N2ZZ	W6WA
K0ABC	AC0DQ	JH3EQP		N7NW	WA9JWL
K0CF	E70T	JJ1KXB	155	N7WI	WC2C
K4GN	EA1WH	K3DFL	AB4GE	NC7B	WF8R
K4MV	HL1VAU	K4HQB	DK3QM	OH3FVP	
KD1AB	JA1ITJ	K8GWU	IV3TDM	SP5NON	150
KE1B	JA1UOA	KB2XJ	JR3ADB	W4DTA	DK3BK
KW4MM	JA7JM	KF7NN	K2DF	W8VK	

DK3FB	K5LY	WA2MUA	K9BQL	W6HDG	JA0CVC
HB9EBM	K8ZZU	WA3SKQ	KE4FW	WK8A	JA1PVX
HB9MXY	KA3GWD	WA5NOM	KG6D	WK9U	JA1VRY
IT9ABN	KL7TS	WW8RT	KJ4R		JJ1OKK
IT9IPQ	LZ1MDU	XE2B	KM4HQE	140	K2JL
IZ2MHT	N0TK	YB1BML	KN7K	AD9DX	K2RET
JA6SUY	N3ND	YO2DFA	LB2TG	EI6JK	K2YSY
JA7GZM	N9ATF	ZS6UT	N1QY	EI7GY	K3GW
JG1GJH	NJ6K		N2YBB	EI7JZ	K9UWY
JG3RWX	TF3Y	145	N4UP	EW4C	KC9G
K1QN	VE6TL	5T5PA	N7ZA	HB9GWJ	KF6A
K5HK	W4AG	AA5TL	OH3PYY	JG1RYQ	KU9S
K9RT	W9MAK	AL7TC	TF4M	K0UBR	N3PV
KI7M	XE2YWH	EA4S	TG9AJR	K6EV	N9XX
N6JOJ		IW1PUR	W4UFO	K7VC	OD5YA
N9IO	147	JH1CTV	W7VS	KC3AK	PV8ABC
NG9J	AB9KZ	K5FXB		LA8PDA	W0UHL
ON6ZV	EI3CTB	K8WHA	142	LZ2HM	WA5POK
VR2MY	F6KOP	KQ5M	AK9B	NH6L	WA8LRW
W3KB	G3VQO	KS0M	DL8DWL	NZ9Z*	
W4NE	IS0/YO3RA	N6KK	JA0MRW	W3DIY	137
W8QXR	JJ0LZQ	N8TFD	JA1PUK	W5VU	AD0K
ZS1C	JK1OTP	PT2ADM	JH6PFY	W9BS	DL2RD
	JL6USD	W2RS*	JI1UHZ	WB1ASL	EA7LS
149	K0PC	W7NP	K0SRL	WB8EKG	G3PSM
7N2JZT	K3GGN	WB9B	K3GT	WW6G	HL1MKT
DS4DRE	K4NTO	WR7Q	K6TAR	YB3MM	JA4DNC
ER0FEO	K5UZ		K8MRT		JF2RSF
JA7MAD	KB7QFE	144	KA6BIM	139	JF3VEC
JS6SCC	KB9LIE	AD0TR	LA1J	AA4DD	JH1SBE
K2KIB	N8JS	DL6DCD	NF7D	F5VML	JQ1PCX
K8SMC*	SV8RX	G4FTC	NN9X	HB9ARK	K0KV
K9EXY	W0QC	GM0VIT	RL3BZ	HB9DTE	K2CDJ
KM2E	W3NRJ	JL3DGI	YO8CRU	HL4CBX	K2RKJ
KP4DS	W9GM	K1TKL		JE3OUW	K4AU
N0LGU*		K4SAF	141	K0QB	K6EGF
N0STL	146	K8OS	7K3QPL	K4TXJ	K6IRA
NE0U	AE5B	LA2IR	9H1AE	K9QJ	KP4N
NO0B	G3LAS*	N5UE	AC9S	K9TRV	N2KI
OZ1HPS	HB9HHH	NZ0O	EI3ISB	KX4I	N4KM
PY8WW	HP3TA	RN0C	HB9EXQ	N0CKC	N7VZ
RT0F	JA3KWZ	UY2UZ	IZ0FUW	N2SG	N9NFT
UA9MC	JH1BHW	WB9W	IZ3XEF	N5FEE	NU1T
WA1EHK	K6NR		JR3PKO	N7NF	PY2CP
	K8ARY	143	K1XE	R9MJ	SM5CSS
148	K8POM	AA4MM	K2HT	WB8QZM	SP3EPG
4F3BZ	KB9AIT	AF3X	K2JK	ZL3TE	TA1AL
A71AM	KD3HN	EA4D	K9AAN		W2GGY
J68HZ	KM2O	HB9AAA	K9AQ	138	W2NY
JA4GXS	KM8AM	JA1MOD	KA5VFU	DL5KUT	W4UEF
JF2AIJ	N6RK	JE3FOR	KC1ERO	DL5ZB	W5GOL
JI3BFC	SM3DXC	JR7ILA	N1BCL*	G0FWX	W9CSX
K5EWS	VU2NXM	K7QBO	W1NA	HB9DVZ	W9MR

WA0WOF	K3KY	N4QOG	W6UC	WC4V	N8YQX
WG0G	K7FL	N5RN	W9CTJ	WP4CQ	NX8Y
WS1F	K7YZO	NN3V	WB8RFB	WQ1H	OH3DP
	K9SUH	OZ3SK*	YB2IQ	ZS6AKU	OH4KRN
136	KA9JCP	SM7DXQ	YO8PS		PY2OP
CT1ESO	KD2SC	TF5B		127	VE3TMG
EA5KA	KN4OK	UW7UA	129	7Z1HL	VR2VGM
IS0EBO	LB5GI	VU3WEW	AD6KQ	AG4TO	W2KNG
K7STO	N6XT	W3KHZ	AE7U	DJ5DT	W8VI
K8CQ*	NJ1Q	W4MC	JA0AVS	DL9GTB	W9COS
K9UO	SM3WMU	W5FL	JA1PLT	G8BCG	WA2BOT
NT5EE	VA3OKG	WA1HXX	JA2ACI	HK6K	XE3E
ON5GF	W4UAT	ZS1EL	JA3WMS	I2YPY	
TF3VS	W5AAJ		JH1RFM	IK2ULM	125
VE3FRR	WB1DX	131	JN1SUT	JA0BES	AC4XO
W0ANZ		7L2QAD	K5SES	JE2VYM	DM5JBN
W4GH	133	DM6MA	K7ORK	JG1LRE	EI8GS
W4PGM	7J1ABD	EI5GM	KB4KBS	JH1HRJ	G0OSK
W4PV	DL8OH	GM4KHE	KF9LI	J11MNT	G4EHT
W7SX	GM1BSG	IK1UGX	KJ2U	K0ARM	IK8PGE
W8OM	HB0WR	JE4KCN	KO4PRE	K3WGR	JH8FIH
	HK4EB	JK1NPH	N8BK	K7LFY	JP1GVC
135	JE1COB	K2WJ	N9AVC	K9BO	K5NOF
AB4FH	JM1JIV	KA5IAU	NN2D	KB8KIM	K8YAH*
AC7JM	K9JDP	KB1HY	PY3OG	KF3N	KC2STA
AK5Q	KG6WIK	NM1G	SM2YIP	LA2LI	KK5J
EI2HY	KI4TZ	NN6K	VK5CE	N0AB	N5ZC
G0THF	LA9KY	OE3JAG	W4MA	N3GTG	NA7RH
HZ1GW	N1BKB	PT2ND	W7TG	N4GBK	NN6CH
JA1DCK	OH7HM	W4EJG	XE1ILI	NA1RL	SM5AFU
JA3MIO	VU2ABS	W5EC		ON5EQ	VK2DAG
JA7MWC	W1GY	W6OUL	128	VE3EDY	W0XE
JH1SOD	W1ITU		A71XX	VU2MSA	W4AO
JJ1HLL	W3MF	130	DL9SAD	W0MF	W5CWQ
JL2ULM	W9SE	AA4QE	EA1AHA	WB2KSP	W6PG
K4OP	WB9ZNZ	CT1HHP	EI3IO		W9EBO
K5VG	YB4CHP	DL1SWN	HL2DBP	126	WA4TMJ
S53MJ		I4JEE	JH1AWJ	CU7AJ	WM4AA
TA1PB	132	IK1ZNM	JN4FNZ	EI4HH	WR2G
W7QHE	AK3E	JA2LMY	K6OJ	G3XLF	
WB3AVD	AK6I	JH3PRR	K7PTC	GM7NZI	124
WB6FWS	I8NLC	JL4BSE	K9YKL	IK4TVP	AA5H
WB9IWN	IW5EIJ	K0BX*	N0JR	JA5CDL	DJ3EJ
WO5I	IZ0COI	K2MHE	PU4MMZ	JA5XPD	EC4KW
	K4BNF	KF5WCP	R3BB	K5KDX	EI8IQ
134	K4WM	KN4JX	UR9IDX	K6CW	G4RGK
AB0RX	KG8OU	N2YF	V31CQ	K7PO	IT9YOZ
AB1J	KI7HO	N7TM	W0QD	K7YMG	IZ1UKF
DL4ZAB	KK5ID	NS4F	W5MF	K8GT	IZ5BYJ
EA6AZ	KX5U	NU4Y	W6IS	K9QA	JG3KMT
IZ8DEO	M3DFW	OZ6TL	W8BI	KC5RR	JH1XFR
JA6GXP	N3TR	RC3FL	W8WV	KK4CB	JM1LPN
JR0GXA	N4EDT	W1MO	WA4UWD	N5HC	K0RAR

K3SUI	AA5B	NA2R	W5RYA	CE3FZ	W3MRL
K6VVK	AB5YI	NY4G	W6GJB	DL2VWR	W7KKC
K7HC	DB4RG	OZ6EI	WT5L	F8EZE	W7QC*
K9ARZ	F4GTB	TA1L	YB0AZ	IS0BZR	WA4VJK
KB8DID	G0HSA	UA0FDX	ZS6NK	IZ7QFN	
KC4AA	HC1HN	W0DD		JA6SQR	115
KD9ZR	JA9ALR	W2ARP	119	JM3GXU	AA9WO
KS4WA	JR1HYA	W3/NH7C	AA4FU	JR1KBJ	AI5EG
N0YO	K0HQW	W3JXP	F5BAR	K0FF	E74A
N1HO	K0MD	W4CC	HL2MHU	K4AEH	HL4RBR
N9BVA	K4VAC	W4KCM	JA6JYM	K9LCR	IW2FLB
NT4K	KA5SYP	W5UQ	K4RM	KB2S	JA0NPQ
W6ELI	KB4ET	W7PC	K7LOL	KB5CSQ	JA1UBZ
W6ND	KN9N	W9MB	K8EB	KO4PY	JH8LEY
WW5L	N1ZZ	WA7HQD	LU9DO	KP4ED	JJ2VLY
ZL3REX	N6VH	WB7BBQ	N8LCU	KZ1X	JM1JZN
	N7UJJ	WQ8T	SV1BYI	N8AGU	K8CR
123	N9ATD	WT3Q	SV2KF	VE7NY	K8RCT
AE5FM	SV7CUD	WU9D	W1ZK	W3DQS	KB4CRT
DJ6OZ	UT9LC		W5IO	W3LWH	KB7V
DS4DBF	VE3FAC	120	W6ZPL	W4ARK	KG4URP
G6NHU	W0JMP	AA2T	W8EOG	W4DWS	MM1PTT
IK0XKP	W1ES	AC4TO	W8PAT	W4PG	N0TR
IZ8LMA	W1HEO	AE5LK	ZL2AO	WB9WHQ	N7PIB
JA0PZJ	W1KKG	AI2S		YO6HOY	NA4MM
JA1GLE	W5HNC	CT7ABD	118		NE1RD
JA2HOL	W6HB	CU2CE	6K5AQY	116	NI4Y
JH1RVQ	WA5YOM	DS3DNT	AE1T	AA0FT	NW6V
K2JGL	WA9DU	DS5QLJ	DJ9KM	AB4BJ	OE5MPL
K6LPO	XE2MX	F5AQB	IZ0RPS	EA5GXI	W3HKK
KD4EE		IK8IPL	IZ1JIZ	EI4BZ	W4BH
KI0HA	121	IT9JPS	JA6CMQ	G8GHD	W4OV
KM4CQG	AD5MD	JA0JPD	JM1CMA	IZ2CSX	W5WS
KO8SCA	DD0VE	JA1DCO	K0PX	JT1CO	W7FI
LX2SM	EA3NG	JH5OTE	K9KJS	K2GLS	WS4H
N6DVR	HA2EQD	JJ1XVA	KA5JSM	K4LCP	
N8AYY	IK6BMU	K9CHP	KB3KJ	K8JRK	114
N9RE	JA1CPN	KC9WPS	KD3UY	K8MN	G3CWW
NT9F	JA1EYN	KD5R	KD9BIE	K9GWH	HC1HC
OH3TY	JA1WTO	KJ6Y	KG5VK	KB8ZUN	I0BJV
ON6YH	JI5WDC	LU3XX	KX6C	KC1RET	IZ8EYN
PY2ADR	K0YL	N1TQP	LZ1XZ	KD5RBU	JA1CPU
SP9IZV	K1EDG	N3DV	N2ADE*	N0UCR	JA8EIA
VE3VHH	K1LTJ	N3GS	N3HYB	N1GFV	JE6PJP
W2WGK	K3CWF	N4PGL*	N4ZY*	N2ZL	JG4OOU
W4UT	K3HPA	N4UFP	N8KUS	N4KEB	JL3RNZ
WA7HR	KB3IFH	N8IK	VR2CC	OE6CLD	K3PL
WB8TGY	KG5NP	NR2D	WA8RCK	RW6MBC	KB1W
WX3P	KK4ODQ	PP2FN	WB5TOI	SM1NJC	KD2NF
YB9WZJ	KU2A	VE3QAA	ZS2I	VK6OZ	KI8AE
	N3ER	VR2ZXP		VR2IL	N1AH
122	N5ZY	VU3RGB	117	VY2RU	N3DD
AA0BH	N7TW	W1RG	AD7L	W3IZ	NA1DX

NG8T	G3YFE	W7WT	K9JE*	KO4XI	W8JA
NK5K	GM0SCA	WB2UFF	KB7DT	KW1X	WB2MKX
W0QKL	IK4EWN	WB8PKK	M0AQM	LU2AH	WM4W
W2ZK	IS0BQE	WU4B	M0MCV	N2IFA	WU1U
W8LR	JA4RED		N4LS	N3YZ	ZP6CW
WD0AJG	JF2OHQ	110	N6RVI	N5FPW	
WN0L	JF3AHI	AC0B	NN8L	N5TW	106
XE1EE	JH0LME	AF8C	NW6R	NZ6N	AB1NS
YB2BNN	K0XM	AG5Z	NX1P	TF3MH	AB6WQ
ZS4JAN	K4HEB	CT7ANG	NZ3M	VE7VV	AC5AA
	K4ZMV	DK4MX	NZ7Q	W4DVG	AC7DX
113	K7RAN	EA1BLA	PF7M	W6CN	AC8IL
AC9GK	K9KDS	EI9HX	PV8DX	WB1S	DS2GOO
AK0A	KH6P	G4VWI	SP7ASZ	WB5ZAM	EA3AGY
EA5DPL	KK7BR	HG6IA	T88UW	WC4B	EW4DX
F5EOT	KS0JD	IZ1EPM	TA1UT	WF7T	F6FHZ
F8GB	KY6AA	JF3KOA	W3ATV		G0OJG
G0UJ	N1GNB	JH1FRW	W3GP	107	G0RPM
G4NAQ	N8AID	JR2PAU	W4JDS	AB7RW	G3LPS
G4YCS	NK7Z	JR4DHK	W5SG	BG8PA	HI7SB
HB9GZE	NQ4A	K3MSB	W7CB	DJ5FZ	JA3AOP
IU8GNY	S51DV	K4KAL	W8MSP*	DK2GP	JA3FRI
JA2CPD	W1FC	K4RP	W8PE	E73D	JA5IBP
JA4CSJ	W1HQ	K5GZR	WT9U	EA2BFM	JF7NNI
JA5SEY	W3WN	K6DJ	WW5RC	EI5GSB	JG1XBM
JH1GNU	W4AFB	K6SLO		G4NBS	JJ1IRS
K1JKR	W4LLP	K9TVG	108	IC8XIL	JO4JDU
K2KNB	WD8LTM	KV3W	7M4CLF	JE1CTA	K5TU
K4JDJ	WJ1B	N4NYY	AC8MR	K1FUG	K6VWE
K4JLD	WN1M	NG0G	AC9DX	K2FJ	KA9TOX
K4TR	ZL3PAH	TF8GX	DB9CR	K2ZD	KI4NSP
K5WRE		W1ZZ	DL1TPY	K3GO	KM8V
K9DUR	111	W5JE	DL2AMD	K4LQ	KR4U
KB2TGU	EI2FG	W6TCP	DL2NAI	K6DLB	KT5V
KC0V	EI9CN	W7YED	DM5TI	KA4LBD	M0PCB
KG2U	F8DZY	W8TE	DU1IVT	KB0EL	N4DJT
KG4OJT	G4ZWY	YB1SKR	E70X	KC2THY	N6UOZ
LU3JVO	IZ0CKJ	YO5QAW	EA5XV	KF2G	N7MW
NA9L	JA4DLF	ZS5LEE	G5CL	KJ4FZ	NG4C
NS4X	JA5EEU		G6MXL	KS8W	NI7F
S52R	JE1TNL	109	IK1RKN	LU5OM	NS7K
SV2DSJ	JH3LCU	AA4RX	JA2DCN	N0MHL	PT2DF
VA3AYA	K2KYH	AC8TO	JE2DOD	N7TP	PY2OC
VK7ZE	K8ZEE	AF3K	JH1OVY	N9AZZ	UA0ABB
W3JM	K9JIG	DL9QJ	K3DQB	NC6RJ	VE3BHZ
W6BBS	KM5VI	F8DHE	K3XO	NI8Z	VE3XK
W7CD	N0ATQ	G0MMI	K4GHS	PP5VA	VU2MB
	N1BZ	JA5GOJ	K8LBT	RM6LW	W0BM
112	NT5O	JH4GNE	KC8YG	SV3EXP	W0LGQ
3C3CA	PT7CB	JI1ZS	KE3ZT	TA1CQ	W0TLX
7Z1CQ	TA2RC	K0FD	KE7AUB	UX5XK	W1USN
DS3EXT	W2FDM	K2OO	KI4SFT	V31MD	W4/KL7GLL
G0DTX	W5GCX	K6JAD	KN4WOJ	W5HY	W7GB

WA3IIA	YV4EH	103	N2CJN	K3AXB	100
WA8Y		AF8P	N2FY	K3LA	2E0XAR
WS7I	104	DS5JMG	N4IR	K5HX	9M8DEN
105	7N4OBV	EA2RY	N8KOJ	K7BWC	A41ZZ
AA2F	AA2WC	EI9GLB	NA4D	K7GA	A71EM
AI1W	AA6XV	FM4LV	NN5O	K8PGJ	AA7UN
AJ6V	CT3DZ	JF1KIG	R9GM	K9GL	AB8YZ
AP2IA	EA4EJP	JI1FXS	S51MA	K9MQ	AC0DH
DL2DCX	EI3HA	K0BRO	SM0XG	KB5YN	AD4J
DL9GTK	F6ARS	K0OOK	US8ZAL	KC3OPI	AE4VJ
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F5VIF	G0DRM	K3PIN	VK7AP	KJ5RC	AK4AO
G3LOJ	GW0ANA	K3TXW	W1GF	KK6VGE	DB6VH
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HL4GHT	HB9BMY	K4PWS	W5TMC	LA2XNA	DK1MCS
JA1JYS	JA0NZR	K4SAW	W7HJ	LA3ANA	DK7GH
JA1SZN	JA1CC	K5DXR	W7IMU	M0PTZ	DL3ANK
JE6UWU	JA1DHY	K6XJ	W9GWP	M5LRO	DL5JH
JH1IIY	JA1RBY	K9WMS	W9LU	N3CAL	DS4GQR
JI1DMH	JH1MYJ	KA7CVJ	WB4PWZ	N4PF	EA5PS
JJ2BLV	JI4HKA	KL7NW	WB7QBS	N9MR	EI4DQ
JK1AKA	JQ2MPJ	KQ6K	WB8LEM	NC8I	EI4GJB
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K1EO	K2CQW	NB3R	WD9IOK	NZ1I	F5JWH
K1ETA	K4WW	NI5G	WF4W	OZ5JQ	G0GFC
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K5NV	K7UW	VE7XT	WN9A	R2ARR	G8GNI
K5WE	K8CJY	W4CU	XE1SAX	RZ6MJ	GW0KRL
K6GCN	K8WVA	W5IP	YB0EIN	SM0BSO	IK7NXU
K6ME	KE4YOG	W7JET	YB9AY	SV2BXA	IZ4IRO
K7CMZ	KJ2AM	W8EH	YO6BHN	SV4FFL	JA1IHD
K7CTV	N1FOJ	WA6URY	ZS2ACP	TF1A	JA2KGQ
K8FB	N2TC	WA8KNE		TG9AKH	JE7KCI
KK4MA	N3PW	YB1ALL	101	UA4PK	JG3LDD
KR0P	N4LSJ	ZL1IM	AA9D	VA2GA	JG5VFK
LA9JKA	N4PAJ		AB2NI	VK4BUI	JR4VEV
LZ1JZ	N4ZR	102	AB4EJ	VU2OT	K1HC
N0SL	N8TEM	4X1VF	C31MF	W0ZX	K1JX
N1TQ	N8WXQ	5W1SA	DD9WG	W2GHD	K1PTF
N5JED	NA8W	AC0XY	DL3XAC	W2PD	K2UF
N9APK	OM6CI	DB2WD	EA4UV	W3RMS	K2UT
N9IXD	OZ9U	EA6UE	EA8TZ	W3SW	K3NO
NC1M	PA0QRB	EI4GNB	F4FLF	W4PM	K3RRR
NK7L	PY2YW	HB9MZI	G3VDB	W6OU	K4GM
OH6IH	RV4LC	IZ7QSS	G4GEE	WB5KSD	K4QS
PV8RR	VK3MB	JH1IHG	HB9PUE	WD4IXD	K5LLA
VU2DED	W0VU	K1AJ	IK2HLM	WM5H	K5MMH
W1PY	W9GXR	K1MDA	JA1KZP	WU6K	K5PSN
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WK3A	WX0B	K2DH	JA5ALE	YB8HZ	K7VL
WZ9B	YB1BUL	K2DW	JA5JUG	YO2OXD	K9EA
YU1LD	YO6HSU	K4HR	JK3NSD		KA2F
	ZS6HON	KB1AWM	K1RE		KA4H

KA9JAC	VU2OY
KB6IGK	W0PPA
KC2NJ	W0RMS
KD0KZE	W1HS
KD1DT	W3BNN
KE1IU	W4CG
KE7BMG	W4YR
KE8NOA	W5PD
KF5MDZ	W5YKU
KF5TL	W6KF
KF8PD	W6OZI
KG4IYS	W9KM
KI0G	W9ZT
KI3O	WA2ALY
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	WU1T
N4GOA	XE2AD
N5CR	YB6LAY
N5LJL	YE1AR
N5LKE	ZS6CR
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
OR4K	
OV2B	
OZ9GA	
PV8AJ	
PY5VC	
R2AB	
UR8IDX	
VA2EU	
VE1JF	
VE3KKB	
VR2PX	