

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

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

HB9TKS	G4GIR	DL9TJ	286	283	LZ2JE
HL2IFR	G8DX	IW0HQE	4Z4DX	EA6ET	PY2DS
IW0SAF	IZ3ETU	JA8EJO	AB5A	HB9CQK	SM5CZK
K5ZK	K7ZD	JA9FAI	CT3HF	JA1RTX	W8LGJ
K6SIK	N8II	JE2LPC	DL2VPO	JG3FEA	WA9PIE
KD3CQ	R6AF	JG1WSC	IK0XBX	JL1XMN	ZS4TX
SP8HKT	SP5IWA	JH1BAM	IZ8XQC	K3WW	279
SV1GYG	SV2AEL	K4XD	JA1QXC	K5DHY	AJ9C
W2GG	W6SR	K6ND	JA5BEN	K9NW	HL3GOB
W5LT	WA3AFS	KK0M	JG0CQK	LA8HGA	JA1FQI
W6XK	291	N2NL	K1LPS	LU4FPZ	JA7LGE
YO2RR	G0EHO	N7TY	K1RO	N7IR	JA9IFF
294	GM0AXY	R0FA	LU8EKC	N7RO	JE8TGI
EA6NB	K3PA	UN6T	RA0FF	OE8SPW	JF2XGF
HB9BOI	K5VIP	W9YSX	UR5EDX	RA1QD	UN7LZ
HB9CEX	K7ZV	YB1UUN	W3GQ	S57AT	VE3EK
JA1BPA	KB8VAO	YO2CMI	W5VY	W1LW	VK3HJ
JA1IOA	KP2A	288	W6PJ	W6BJH	W3JX
JA2VQF	LA5HE	I1EIS	W8AXI	282	278
JE1DXC	MM0EAX	JA1SVP	285	GM3YOR	9A4T
JE1GWO	N2TN	JR1DUP	DL1TRK	IZ0RVI	DL5CW
JE8CLT	VE3CFK	K4MS	DL2SWN	K5UO	EA8RR
JK1EXO	W3RJW	K9US	EA3GHQ	NT0V*	F2NH
K5MC	W6YI	KD0Q	IZ8DFO	RD3AW	I4KDJ
KZ4V	ZS2DL	N4RWG	JA2VMU	SM4CTI	IV3GOW
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R5DT	9K2OD	SP9JZU	K6GXO	W7AL	JA8LRG
RU6L	AA4A	UA3AGW	K6PJ	281	K1USA
SV3DCX	EC3A	W1EQ	OE1WHC	AD5Q	K2UR
293	IZ4MJP	W1YIF	W8AV	EA5OX	K3UL
AA4R	JA1JAT	W2LE	WK7E	EI2GLB	K5RT
CU2AP	JA1KQX	W2NO	284	F3AT	KD0PO
DL1SMA	JE1LFX	ZS2EZ	EI9FBB	IZ8FDH	VE3CRG
EA3WD	JE2EHP	287	JA1WSK	N2WB	VE3DZ
IV3YYK	LA2QM	9M6YBG	JA2FGL	N5GH	W8MHW
JA2CXF	LA5LJA	AA8LL	JA3DY*	N8SNM	ZL4TT
JA3RQ	LU3CQ	HB9BAT	JG3SKK	W0LS	277
JA9GPG	N9FN	JA2ATE	JH3SIF	W7ZJ	EU1KY
JH7RXU	PP1CZ	JA3EOP	JN1BMX	W8TN	F5UJK
JM1FHL	SK3PY	JE2OVG	K0BBC	XE1KK	IT9CVO
K4JAF	SV3AQR	K0AZ	K0TPP	280	JA0PE
K9MK	UN7TW	R9SA	K9SM	GM3PPE	JA3ENN
N2LM	VU2NKS	RM0F	OE5BWN	HA5VZ	JA8EOT
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S55DX	W3OA	UN7JX	SM0CCM	JA2IYJ	K8UT
W9AJ	W4VIC	W1VT	SM6CTQ	JA6TMU	N5LZ
WA4FFW	WB9EEE	W4YCH	SP3IBS	JH4ALY	UT7UV
292	XE2CQ	W7BEM	W2AY	JR6LLN	UW2ZM
AI9L	289	WA6F	W4FQT	K1GG	VU2PTT
EA5AT	AJ6T		W5ODD	K4WNW	W3BW
			W8BBQ		

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
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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

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EB3CW	N4LR	N5UL	EA3EQT	N1EN	W5DNT
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IK4AUY	W7YAQ	W2JLK	K3VAT	SP6A	W9EWZ
IK8VRH	WA0RVK	W4SK	KM1D	W4REX	WV6E
JJ1DWT		W5GAI	N6RV	W5PJR	
N3VA	253	W8JRK	N7DED	WA3F	240
N6HC	CT1BWU		VE3YV		7K1CPT
OH1JP	CU2DX	250	W2GW	243	GU0SUP
PY2MC	DS5ACV	CT1DOF	W8IQ	CT1FUH	JA1DM
RU1AB	G3UAS	EI6FR	WS5W	CT3KN	JA2FSM
SV1VS	HB9DHG	EI9JF		DS5TOS	JE1HRC
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	JE2RDO	JA8CJY	JA1VRU	JA7BEW	N0ABA
256	K6MKF	JL1MWI	JA2QXP	JF1LMB	UX5UO
BH4QYX	K8DV	JR0EQQ	JA7HRM	K4ZO	W0SZ
EC1A	KE1F	KQ3F	K1FEV	K8ME	W8IW
FG8OJ	N6PSE	N1SV	K4KAY	LA9VFA	
IK4HPU	N7XR	OZ4VW	K6BV	N1API	239
JA0KJE	NF1G	PA0JSE	K9YC	N4QWZ	6K5YIA
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JH4GJR	WF4U	UN3G	N3KN	SV1FJP	IZ1JMN
JM1GHT	YB0COU	W7HPW	W1KMA	W1BR	IZ2FOS
JM2RUV		W7IU	W3FI	W8OP	JA7KE
K0TT	252		W3ICM		K2XF
M0TTB	DL7UPN	249	W5ZO	242	K6EME
N9ISN	G3KWK	IZ4DPV		DH2PC	N8SHZ
W9HBH	G3NKC	IZ8GGF	245	HL3AMO	SP6JIU
	JA1BNW	JA8FFM	AK5X	JA4ZA	WB7B
255	JA8UIV	K7XB	JH7BKN	JH1WJR	
AI6Z	JF3PNQ	K9NR	JR3UIC	JH4ADK	238
IV3TMM	JH1ACA	N8OC	N0AH	JR1MLU	EA1JO
JA9NLE	JH4CBM	NA5Q	N5BO	K1CA	HB9MFM
JE2DZC	JL1BYZ	NU1B	NZ3O	K4PB	JE2VLG
JH4HMG	K1ESE	OZ5NJ	S55ZZ	K7FEL	JF0JYR
JK1OPL	KI1U	SM4OLL	W6DE	N2NS	JH3FHQ
K1UU	LA5YJ	UN3GX	W9JJB	N3RC	K9OR
K9FN	NT5V	W0RX	YB0NFL	N6HY	KA4RRU
KR4F	SM7IUN	W1OPD		SV1IW	KF7F
N1RK	W2ZI	W9RC	244		M0CSD
VR2XMT	W7CA	XE2D	EA5RD	241	N4PJ
XE1MEX	WS9V		HB9BUN	AB5C	N9UA
		248	HL2KV	AF5CC	W4KA
254	251	HB9DOT	JA1CZI	HC1BI	WA4QMQ
BA7IO	9A4W	HL4GAV	JA4VLK	IS0AFM	WA6JA
CT1BWW	AA6AA	JJ1SKG	Ji6IHG	IZ8FWN	WB0TVY
DL1HRN	DL2RTL	LA6UL	K0KG	JF2VAX	WQ6Q
E72U	F1ICS	N4XP	K1EFI	JP1IOF	
JA3VPA	JA5BGA	OZ1LCG	K1PL	K4RG	237
JA3WLN	K1SM	VE3YF	K1YR	K7KB	CT1BOY
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K3SEW	K8CW		K6EID	N6KZ	IW3GJF

IZ5YHD	W7YW	JH1APK	JK1VXE	K2BA	I8MTQ
JA0LXP	WB8CQV	JH6DUL	K0HD	KB1DMX	IK2RZP
JH1DGQ		K0DD	K3FM	KH6M	IZ8MBW
K1RV	234	K4ST	K4CMS	KK4OK	JA1IAZ
K2NV	DF7EE	K5FNQ	KD1F	KX2A	JH1DGJ
K8YYY	DK2CC	KF7PG	KI4DLS	N2KX	JR1VAY
N4HID	HB9BYQ	NY2NY	N4NW	N5ET	K6IPV
SM0MPV	HB9JOE	OZ1IKY	W1WC	N6BM	KG9Z
VU2CPL	HS1NGR	RK4FD	WA1PMA	VK4CAG	KI6CG
W2XI	IK0LNN	RQ3A			KW4V
W8UN	JA1EMQ	W2/CT1GIF	228	225	N1NU
WA0ROI	JA8XQI	W2YR	F5LIW	DK5RL	N4ENE
WB8B	JK1BSM	W3FOX	GW4TSG	DS5DNO	VE7TK
WB8ZRL	K4MF	W6CYX	JF1RYU	EU1M	W4PNY
XE1RBV	KE5FXE	W9ZCL	JH1ERJ	JA3QOS	W7IB
YO3JF	KE8UM	WV4TN	JH2PWY	JH1UBK	
	N4HB		JR7GBL	JH8NQV	222
236	N4OA	231	K5FZ	K0OK	AA0MZ
AA7G	ND4V	AD5WB	KS4S	K1JIU	DJ9SO
FG4NO	NV4B	G3KMQ	N6PM	K5YU	DL5XL
HB9ZS	S51NM	HL2ZN	RA3QUA	KA8SYV	E77S
HL2CFY	W3WST	I0JBL	W2DXE	MU0FAL	F6ECI
JA1HOM	WA4CEM	IW7DVM	W9FI	N9SF	IZ7AUH
JA1JYE	WA4JQS	JA1MZL	WB8K	SM3LGO	JA9NFO
JA3KNN	WA5UA	JF2WXS		W3MR	JM1VRW
JK1UNZ		JH0AWC	227	W5GZ	K2AT
JN1NOP	233	K2SN	DL2RUM	W5TFW	K6ZZ
K1ACL	AA9GR	KD6UO	G3VPW	W8UV	KJ7TEA
KM3J	AJ4A	NA4EA	HL2EIZ	YO9FNP	N2SQW
KM6HB	CU3EQ	SM7NDX	I0MWI		OZ7FOC
N4GN	EA4DEI	W0JM	IK8UHA	224	RA4P
N6IE	JA4HAW	W0QQ	JA0DWY	DK3PZ	W6AER
OE2BZL	K8BN	W4UDH	K1GE	EA7QW	
PA0TCA	K8EAB		K1KA	JA3FHL	221
SV1HEP	KJ7M	230	K5GH	JA8NFV	E21EIC
W0HBH	N2NW	DK6OR	N4IQ	JK1WSH	EA2AAZ
W2TB	N9BX	F6HLC	N6OJ	JO1LVZ	HI8RD
W4GIW	NE3F	G3LUW	NF4A	K1CBK	J11NJC
W9OO	PY5IP	J11VVB	W5SL	N3RW	JR7FRW
WY6N	SM0XBI	KB9DAK	W6DR	N7WO	K4JC
YB2TX	W2NRA	N0RN	W8GNM	OE3KLU	K5DV
	W6RW	W5DM	WA2USA	PE1L	KK9H
235	W6YOO	W8WVM	WA8MCD	RW4CY	KU4XO
EU1U	WB2KSK	W9YE	WA9GON	SM7BHH	RU0SN
JA1DDZ	WD8PKF	WB2NPY	WC3W	SP6AXW	W4DEE
JE1IBI	ZL4AS		YL2KF	VE3SKX	WB0O
K0VSH		229		WN6K	
K4QE	232	AA3LX	226		220
K5CWR	DL9FCY	AE0P	DM2RM	223	AA6RR
K8ZM	EA1RT	AJ8MH	HA5PT	AC9EM	DL4DW
N2FF	JA3BXF	IK2GAJ	I0OSI	AC9O	EA5DFV
NW4M	JA5NPV	JA2OLJ	IK7FPV	AF2C	EI9FVB
TA1CM	JA6CBG	JE1VTZ	K1XV	EA7DUD	JA6AVT

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K4EU	K2HAT	W2PP	WK4Y*	LB6KC	CU3AN
K4MIJ	KB5UNX	W4IS		NW6S	DL4LAM
K5MT	N6QI	W6SL	211	OH7TV	DL6UNF
K6MM	OZ0J	W7JY*	JA3LDH	W5FPT	HB9BNQ
K7AWB	SV8DOU	WE1P	JJ1KZZ	W6WF	JA4DHN
KZ9DX	W0TM	WE4S	KD2T	WX2U	K3WWT
NA5Z		WV9L	KT2C		K4YYL
ON4ATW	216	ZL2AL	N1BY	207	KE6V
PA3BWD	CX2CC		VR2XLN	9K2BM	N9KW
SM0DSF	DJ3XG	214	WA3I	G8AJM	OH2IS
UR4IOR	G4VMX	EA5AR		JF1WLK	OH3OJ
XE2X	HB9CXZ	F4GVO	210	JF2OZH	UN9L
	HB9DQV	I5XFD	JF6XQJ	JH2VVH	W7HR
219	IZ0NRG	JN7DOS	JR2PZX	JJ1BMB	W8BLA
AG1A	IZ1JLG	K0QQ	KD4SN	K9FZ*	W8FIB
F5JSD	JA1FJJ	K2AZ	KD8RQE	KE1VT	WA4MME
HL5BMX	JA2VHO	KB6CIO	KE4UW	KK2M	WW8W
K5JZ	K3NQ	VK3BDX	PY2WC	KV4T	XE1J
K9ZM	K7LV	W0K CJ	S54A	M0IKW	
KG6I	KK4OW	WB6BFG	VE7BV	N9AKR	204
KI7AO	KR4W		W5THT	OE1JIS	EA2AFV
N1KC	NC4RB	213	W5WP	ON4ANN	HB9DVO
N6DX	PS8ACL	9A1AD	W7FP	RD9M	JE2EBT
NA9RB	W0SR	AG3V		SP7ICE	JH1OBS
W6GRV	W9MO	DK3UA	209	TF3DC	JJ6DGP
WB4KTF	WB3D	DS3HWS	7J1ADJ	VK2CA	JR0QFA
	WS1L	IK1IYU	AH0U	W4GE	JS6TWW
218	215	IV3FFI	K0VM	W7NN	KB5HC
DL2NOM	9H1EJ	JA0EVI	K5ALQ	W9QO	KM9E
DL4NBE	AA7XT	JA1FVS	KB4MRX	YB0MWM	KV4AA
DS4AOW	G4FKA	JA3NHL	N0ODK	ZS1J	KW4CQ
I7PXV	HB9EFK	JR1EFG	N6PEQ		W4GP
JF1MTV	IZ0BVU	K2RU	NE6I	206	W7IV
JJ1QUV	JA4CZM	K4JWA	PU1KGG	3A2MW	W8LMG
K1NTR	JE1PNX	K9GA	SM5BNK	HB9CRV	XE1L
K3EA	JE2UFF	LA5SJA	W3BJ	IZ4DIW	
K9JU	JH0OXS	N8GP	W6DCK	JF1IRW	203
KE3D	JH5HDA	NA2M	W8HMK	JH0BQX	F5NBX
N4JT	JT1BV	VK3FM	WB0ULX	JN1NBU	IK2RGT
TZ4AM	K2XB*	W2KA		K0MN*	IZ0BTV
VU2CDP	KF4NEF	W8WEJ	208	K8NK	JA7JPZ
W8CZN	KR6C	212	DL8SDC	KF9UG	JH8NBJ
W9KVR	KX4TT	DJ3AS	JA1OVD	KK5OQ	K0CS
WA2NPD	N8NN	G4ZOY	JA1PBV	KK9T	K4JKB
WC4H	N9AOL	JA1BWA	JH0NOS	N4TOL	K9OW
	NH6T/W4	JH3GFA	JR3VMJ	N8BJQ	KA1DJ
217	RN9N	KU4BP	K0THN	NA2AA	KM7R
AB4UF	V51B	PY2RO	K2PF*	NA9Q	N3PS
DH0GSU	VK3NX	SM5AOG	K4CGY	W9DX	N4TV
EA5B	W0FG	SP5LKJ	K4WES	WA3WZR	N6PAT
JA2NNF	W0TT	W5DAW	K5RJ	WA6G	SV1FKZ
JA7ZP			KS4YT		W5RF

WA3FRP	K3SX	RC2A	KM1C	SM7GIB	185
202	K4SX	SP3F	SM5ELV	W9ROG	G1VDP
AA9RR	K4VNY	SP5MXZ	W8NN	WB4GLI	K0KP
DF3EC	MU0GSY	W1MJB		ZS1DX	K3PP
IK5BOH/2	N2RR	W6HYI	192		KE5BR
JR4LZX	PB9FN	WA0WWW	F6FYD	189	N4HN
K1NJ	V51YJ		IZ7GIT	HI3T	UN7BK
K9TF	W6JZ	195	JA0CIU	I0LYO	VA7ZT
K9WX	W9RXJ	CT1ELF	K5IB	IV3KCB	W2WG
N8WD	198	IZ5FSA	K6XN	JA1SGU	W6RKC
NU1O	DJ0MCH	JA2NDQ	K9SG	JG1SWM	WB5NHL
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W1DYJ	JR1IZM	JL3OUW	KJ4UZU	K6UXO	
W3NS	K0GW	K4KEW	KJ4YLO	KU8X	184
W4RDX	KA1J	KE4S	N4XYZ	KY5I	AD6ZJ
W7TUS	KC6JAM	N3XM	N9JR	RM3DA	DS4GKF
W7VY	N4FN	OH6NIO	UR3EO	RN3CT	EA5RU
WE2N	N6ZN	SQ7FPH	VA2IG	SM4BZH	HP2NG
	RA3BL	UR5FEO	WY1G	W6DPD	IK0HBN
	W6SHY	W3SB	YB1TQL	XE1FAS	IK0WRB
201	WA2VQV	W6KK			IT9ODQ
AA8SW	YL2TW	W9LN	191	188	JH1FVE
GI4OWA	YV5LI		AA4NC	EA7AN	K3JM
JH1IED		194	DG5LAC	JA0GCI	K3NF
K0MFI	197	A65BD	DL4FAP	JK1AJX	K5RKS
K4YJ	4X4MF	HB9ESS	HA5CW	JP1GUW	KZ1W
KK1W	BA4TB	HB9VAB	K1RI	JR0AMD	MOHIH
LA9GX	EA1DLU	IT9AAI	K8QKY	K1JD	NW7M
PY2GG	IV3AVQ	JH1OCC	KO6KD	K2DC	SM2EJE
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W9IL	K8SIA	KP3AH	OZ7DN		W6BK
	KI4WCQ	KR8T	VR2CH	187	W7IUO
200	NG7M	NJ3K	W5LO	IK8GJR	WB2HJV
HB9AGO	W1FA	NJ7G	WF1H	JH7NTW	WB3BFC
HB9IIO	W4DAO	SP6Eiy	W18R	W5ZE	WB5STU
IZ8EKL	W4HZ	W4DC		W8UQ	YB1RUS
JA0KJD	WQ5R	W5UHQ	190		
JA3EY	XE1H	W5VQ	AA4U	186	183
JE2KSM		W7PAQ	AC4VM	AA4LR	JA2KSP
K2TER	196	WA1NXC	BV1EK	G4XEE	JE4CIL
N1IA	AD8P*	WW2DX	DJ9KV	JA2MNB	K3SF
N4TD	AG5W	ZS2Y	EC7B	K5QX	K6LRN
N7ELL	CT3CD		G3WW	KC6X	LU4FW
N9PGG	G7SSE	193	HL4CCM	KK0DX	NA2U
PY3VB	I7LGM	7L4VYK	IZ0GYP	N6MXU	W3ML
VK6LC	I8YAV	AE4CW	JA2ITK	N6VNI	YB2TS
	JA1XRA	DH3KM	JH8KFE	NU4B	
199	JH1OGT	I1YDT	Ji2UDK	W4WN	182
AA3TH	N2GZ	IZ5MOQ	K7UT	W8RV	I5FLN
AC0X	N3QE	JA0AXV	K8ZT/QRP	WA5IPS	I8LWL
AD4AA	NA9A	JA1QIW	KD0AA	WB4DNL	JA7FAS
JH0RVY		KB2FCV	N3AIU	WZ4RC	JG1JPE

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KK8MM	N4MIK	N1JP	K7PT	JA1BON	N6MB
KL7TC	NY1V	N2MEE	K8JE	JA1GVT	OE1ALW
LA5LT	SP5ELW	OZ9XU	LA9VBA	JQ1YIW	PP7LL
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
IZ4AIB	K0NV	JH6RTO	JA7DPC	VE1OP	N1ZJ
JH1FNU	K1ZE	JO3WHB	JA7FVA	VE2YG	N7VPN
KY6R	K4GO	KD4POJ	K5TA	W0OGH	PY2SEX
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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
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AA4AK	JG3KLF	DF8FT	DL5MM	RD3BD	KR4BD
JH1IZR	K0EOO	DL5KUA	F9CI	SM7WVZ	LA7EIA
K0IL	K3OX	JK7LXU	IK3GBG	SV1IZY	SV2CLJ
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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	N8IL	EA3HDZ	154	K4RDU
RA0BA		NI5F	EI2JD	AJ8B	KD2OV
SP7QHR	162	SV1XV	JA3MHA	DS5WQT	KE9S
VK3TC	BH4IGO	W1ASB	JA4FKO	JA0GZZ	KW4J
WB2WPM	DF2UA	W1TO	JM1ESG	JA4HXF	ON4LG
WB9PNU	DJ7JC	W9FF	KN7Y	JA8ANQ	R9JX
	DS3EXX	W9NIO*	KW1DX	JH1AQN	W6RFF
164	EA2AGV	ZS6RJ	N4MI	JH7WQX	W8FN
AC4BT	HS8KAY		N6MM	JK1BIB	WA6EZV
CT3DL	JR4CZM	159	NP3CW	JL1GYZ	WA9IVH
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EI6IZ	N4BAF	F4DSE	W4NBS	N7JB	
IZ0GVZ	WA7BNG	IK0WMJ	WD8KND	NE5W	151
JJ1JMZ		JA0ED		SM0BYD	AA4UC
K6CF	161	JA3PRM	156	W4CIR	AB2E
K6GFJ	AE4M	JK1EBA	DK8IZ	W6FL	DF1IR
KD8MQY	HL3ERJ	JK1JAS	EA3HPX	W8TM	DL4KUG
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PT7DX	K2OP	LA8ZAA	GM3WIL	153	K7LAY
S50B	K4AR	N1MD	JA2ODB	HB9BEM	K9AAA
W6SIY	KD1AB	NE5S	JA9RT	JA3UOQ	KE4BKL
WA5CMI*	KM4A	OT1A	JH2AJY	JR7MAZ	KE8G
XE1YD	N7QT	VA3NXM	K1ROA	K0COM	KK4CLY
	N9LEO	W1EBM	KA9OKH	K0LB	LZ2XF
163	NA6XX	WD5BJT	KC4HN	K3HW	N4AA*
AA4OC	OK2ZDL	XE1MW	N4QM	K4OY	N7MB
AA8KY	SM3PHM	ZS6C*	N7GCO	K8ROK	NU4I
AI4QQ	W5BK		N7RD	K9MMS	SM0NUE
DS4NPL	W5RDW	158	W1MR	K9YZ	VA3EJN
EA1AZ	W6DOE	9J2BS	W5JMW	KK4XL	VA3HP
F4CPF	W9GG	G4SGX	WA6QGH	N0VVV	W3HER
HA5BSW	YB2DX	HK3PJ	WB4YDL	N2ZZ	W5WLA
IU8IYE		IK3DVY	ZL3RJ	N7NW	W6WA
JR6LDE	160	JH3EQP		N7WI	WA9JWL
K0ABC	AC0DQ	JJ1KXB	155	NC7B	WC2C
K0CF	E70T	K3DFL	DK3QM	OH3FVP	WF8R
K4GN	EA1WH	K4HQK	IV3TDM	SP5NON	
K4MV	F4WDL	K8GWU	JR3ADB	W4DTA	150
KE1B	HL1VAU	KB2XJ	K2DF	W8VK	4O3A
KW4MM	JA1ITJ	KF7NN	K4EZY	WB4SON	DK3BK
LA1CO	JA1UOA	KJ7NO	KL0S		DK3FB
N0AMI	JA7JM	N4XMX	KQ4EE	152	HB9EBM
N7KDT	JR1CAD	W2CG	M0IFT	5P5Q	HB9MXY
R3IS	K5VR	W8LIG	N7WS	AC6BW	IT9ABN
SM7CZL	K7LY	WB2RAJ	NO9E	BX5AA	IT9IPQ
VA2LC	KC9K	WT2P	OE1HHB	DF2WF	IZ2MHT
W1OK	KF2OG		TF3JB	DU1KT	JA6SUY
W1XV	KM4NS	157	UT7EC	G4AFJ	JA7GZM
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K1QN	VE6TL	5T5PA	TG9AJR	K0UBR	N9XX
K5HK	W4AG	AA5TL	W4UFO	K6EV	OD5YA
K9RT	W9MAK	AL7TC	W7VS	K7VC	PV8ABC
KI7M	XE2YWH	EA4S	WB9W	LA8PDA	W0UHL
N6JOJ		IW1PUR		LZ2HM	WA5POK
N9IO	147	JH1CTV	142	NH6L	WA8LRW
ON6ZV	AB9KZ	K5FXB	AK9B	NZ9Z*	
VR2MY	EI3CTB	K8WHA	DL8DWL	W3DIY	137
W3KB	F6KOP	KQ5M	JA0MRW	W5VU	DL2RD
W4NE	G3VQO	KS0M	JA1PUK	W9BS	EA7LS
W8QXR	IS0/YO3RA	N6KK	JH6PFY	WB1ASL	G3PSM
ZS1C	JJ0LZQ	N8TFD	JI1UHZ	WB8EKG	HL1MKT
	JK1OTP	PT2ADM	K0SRL	WW6G	JA4DNC
149	JL6USD	W2RS*	K3GT	YB3MM	JF2RSF
7N2JZT	K0PC	W7NP	K6TAR		JF3VEC
DS4DRE	K3GGN	WB9B	KA6BIM	139	JH1SBE
ER0FEO	K4NTO	WR7Q	LA1J	AA4DD	JQ1PCX
JA7MAD	K5UZ		NF7D	F5VML	K0KV
JS6SCC	KB7QFE	144	NN9X	HB9ARK	K2CDJ
K2KIB	KB9LIE	AD0TR	RL3BZ	HB9DTE	K2RKJ
K8SMC*	N8JS	DL6DCD	YO8CRU	HL4CBX	K4AU
K9EXY	SV8RX	G4FTC		JE3OUW	K6EGF
KM2E	W0QC	GM0VIT	141	K0QB	K6IRA
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N0LGU*	W9GM	K1TKL	9H1AE	K9QJ	KP4N
N0STL		K4SAF	AB4GE	K9TRV	N2KI
NE0U	146	K8OS	AC9S	KX4I	N4KM
NO0B	AE5B	N5UE	EI3ISB	N0CKC	N7VZ
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RT0F	HP3TA	UY2UZ	IZ3XEF	N7NF	PY2CP
UA9MC	JA3KWZ		JR3PKO	R9MJ	SM5CSS
WA1EHK	JH1BHW	143	K1XE	WB8QZM	SP3EPG
	K6NR	AA4MM	K2HT	ZL3TE	TA1AL
148	K8ARY	AF3X	K2JK		W2GGY
4F3BZ	K8POM	EA4D	K9AAN	138	W2NY
A71AM	KB9AIT	HB9AAA	K9AQ	DL5KUT	W4UEF
J68HZ	KD3HN	JA1MOD	KA5VFU	DL5ZB	W5GOL
JA4GXS	KM2O	JE3FOR	KC1ERO	G0FWX	W9CSX
JF2AIJ	N6RK	JR7ILA	N1BCL*	HB9DVZ	W9MR
JI3BFC	SM3DXC	K7QBO	W1NA	JA0CVC	WA0WOF
K5EWS	VU2NXM	K9BQL	W6HDG	JA1PVX	WG0G
K5LY	WA2MUA	KE4FW	WK8A	JA1VRY	WS1F
K8ZZU	WA3SKQ	KG6D	WK9U	JJ1OKK	
KA3GWD	WA5NOM	KJ4R		K2JL	136
KL7TS	WW8RT	KM4HQE	140	K2RET	CT1ESO
LZ1MDU	XE2B	KN7K	AD9DX	K2YSY	EA5KA
N0TK	YB1BML	LB2TG	EI6JK	K3GW	IS0EBO
N3ND	YO2DFA	N2YBB	EI7GY	K9UWY	K7STO
N9ATF	ZS6UT	N4UP	EI7JZ	KC9G	K8CQ*
NG9J		N7ZA	EW4C	KF6A	K9UO
NJ6K		OH3PYY	HB9GWJ	KU9S	NT5EE

ON5GF	W4UAT	W5FL	JA1PLT	DL9GTB	W9COS
TF3VS	W5AAJ	WA1HXH	JA2ACI	G8BCG	WA2BOT
VE3FRR	WB1DX	ZS1EL	JA3WMS	HK6K	XE3E
W0ANZ			JH1RFM	I2YPY	
W4GH	133	131	JN1SUT	IK2ULM	125
W4PGM	7J1ABD	7L2QAD	K5SES	JA0BES	AC4XO
W4PV	DL8OH	DM6MA	K7ORK	JE2VYM	DM5JBN
W7SX	GM1BSG	EI5GM	KB4KBS	JG1LRE	EI8GS
W8OM	HB0WR	GM4KHE	KF9LI	JH1HRJ	GOOSK
	HK4EB	IK1UGX	KJ2U	J11MNT	G4EHT
135	JE1COB	JE4KCN	KO4PRE	K0ARM	IK8PGE
AB4FH	JM1JIV	JK1NPH	N8BK	K3WGR	JH8FIH
AC7JM	K9JDP	K2WJ	N9AVC	K7LFY	JP1GVC
AK5Q	KG6WIK	KA5IAU	NN2D	K9BO	K5NOF
EI2HY	KI4TZ	KB1HY	PY3OG	KB8KIM	K8YAH*
G0THF	LA2IR	NM1G	SM2YIP	KF3N	KC2STA
HZ1GW	LA9KY	NN6K	VK5CE	LA2LI	KK5J
JA1DCK	N1BKB	OE3JAG	W4MA	N0AB	N5ZC
JA3MIO	N1QY	PT2ND	W7TG	N3GTG	NA7RH
JA7MWC	OH7HM	W4EJG	XE1ILI	N4GBK	NN6CH
JH1SOD	VU2ABS	W5EC		NA1RL	SM5AFU
JJ1HLL	W1GY	W6OUL	128	ON5EQ	VK2DAG
JL2ULM	W1ITU		A71XX	VE3EDY	W0XE
K4OP	W3MF	130	DL9SAD	VU2MSA	W4AO
K5VG	W9SE	AA4QE	EA1AHA	W0MF	W5CWQ
S53MJ	WB9ZNZ	CT1HHP	EI3IO	WB2KSP	W6PG
TA1PB	YB4CHP	DL1SWN	EI5JL		W9EBO
W7QHE		I4JEE	HL2DBP	126	WA4TMJ
WB3AVD	132	IK1ZNM	JH1AWJ	CU7AJ	WM4AA
WB6FWS	AK3E	JA2LMY	JN4FNZ	EI4HH	WR2G
WB9IWN	AK6I	JH3PRR	K6OJ	G3XLF	
WO5I	I8NLC	JL4BSE	K7PTC	GM7NZI	124
	IW5EIJ	K0BX*	K9YKL	IK4TVP	AA5H
134	IZ0COI	K2MHE	N0JR	JA5CDL	DJ3EJ
AB0RX	K4BNF	KF5WCP	PU4MMZ	JA5XPD	EC4KW
AB1J	K4WM	KN4JX	R3BB	K5KDX	EI8IQ
DL4ZAB	KG8OU	N2YF	UR9IDX	K6CW	G4RGK
EA6AZ	KI7HO	N7TM	V31CQ	K7PO	IT9YOZ
IZ8DEO	KK5ID	NS4F	W0QD	K7YMG	IZ1UKF
JA6GXP	KX5U	NU4Y	W5MF	K8GT	IZ5BYJ
JR0GXA	M3DFW	OZ6TL	W6IS	K9QA	JG3KMT
K3KY	N3TR	RC3FL	W8BI	KC5RR	JH1XFR
K7FL	N4EDT	W1MO	W8WV	KK4CB	JM1LPN
K7YZO	N4QOG	W6UC	WA4UWD	N5HC	K0RAR
K9SUH	N5RN	W9CTJ	WC4V	N8YQX	K3SUI
KA9JCP	NN3V	WB8RFB	WP4CQ	NX8Y	K6VVK
KD2SC	OZ3SK*	YB2IQ	WQ1H	OH3DP	K7HC
KN4OK	SM7DXQ	YO8PS	ZS6AKU	OH4KRN	K9ARZ
LB5GI	TF5B			PY2OP	KB8DID
N6XT	UW7UA	129	127	VE3TMG	KC4AA
NJ1Q	VU3WEW	AD6KQ	7Z1HL	VR2VGM	KD9ZR
SM3WMU	W3KHZ	AE7U	AG4TO	W2KNG	KS4WA
VA3OKG	W4MC	JA0AVS	DJ5DT	W8VI	N0YO

N1HO	KA5SYP	W5UQ	K4RM	KB2S	IW2FLB
N9BVA	KB4ET	W7PC	K7LOL	KB5CSQ	JA0NPQ
NT4K	KN9N	W9MB	K8EB	KO4PY	JA1UBZ
W6ELI	N1ZZ	WA7HQD	LU9DO	KP4ED	JH8LEY
W6ND	N6VH	WB7BBQ	N8LCU	KZ1X	JJ2VLY
WW5L	N7UJJ	WQ8T	SV1BYI	N8AGU	JM1JZN
ZL3REX	N9ATD	WT3Q	SV2KF	VE7NY	K8CR
	SV7CUD	WU9D	W1ZK	W3DQS	K8RCT
123	UT9LC		W5IO	W3LWH	KB4CRT
AE5FM	VE3FAC	120	W6ZPL	W4ARK	KB7V
DJ6OZ	W0JMP	AA2T	W8EOG	W4DWS	KG4URP
DS4DBF	W1ES	AC4TO	W8PAT	W4PG	MM1PTT
G6NHU	W1HEO	AE5LK	ZL2AO	WA7HR	N0TR
IK0XKP	W1KKG	AI2S		WB9WHQ	N7PIB
IZ8LMA	W5HNC	CT7ABD	118	YO6HOY	NA4MM
JA0PZJ	W6HB	CU2CE	6K5AQY		NE1RD
JA1GLE	WA5YOM	DS3DNT	AE1T	116	NI4Y
JA2HOL	WA9DU	DS5QLJ	DJ9KM	AA0FT	NW6V
JH1RVQ	XE2MX	F5AQB	IZ0RPS	AB4BJ	OE5MPL
K2JGL		IK8IPL	IZ1JIZ	EA5GXI	W3HKK
K6LPO	121	IT9JPS	JA6CMQ	EI4BZ	W4BH
KD4EE	AD5MD	JA0JPD	JM1CMA	G8GHD	W4OV
KI0HA	DD0VE	JA1DCO	K0PX	IZ2CSX	W5WS
KM4CQG	EA3NG	JH5OTE	K9KJS	JT1CO	W7FI
KO8SCA	HA2EQD	JJ1XVA	KA5JSM	K2GLS	WS4H
LX2SM	IK6BMU	K9CHP	KB3KJ	K4LCP	
N6DVR	JA1CPN	KC9WPS	KD3UY	K8JRK	114
N8AYY	JA1EYN	KD5R	KD9BIE	K8MN	G3CWW
N9RE	JA1WTO	KJ6Y	KG5VK	K9GWH	HC1HC
NT9F	JI5WDC	LU3XX	KX6C	KB8ZUN	I0BJV
OH3TY	K0YL	N1TQP	LZ1XZ	KC1RET	IZ8EYN
ON6YH	K1EDG	N3DV	N2ADE*	KD5RBU	JA1CPU
PY2ADR	K1LTJ	N3GS	N3HYB	N0UCR	JA8EIA
SP9IZV	K3CWF	N4PGL*	N4ZY*	N1GFV	JE6PJP
VE3VHH	K3HPA	N4UFP	N8KUS	N2ZL	JG4OOU
W2WGK	KB3IFH	N8IK	VR2CC	N4KEB	JL3RNZ
W4UT	KG5NP	NR2D	WA8RCK	OE6CLD	K3PL
WB8TGY	KK4ODQ	PP2FN	WB5TOI	RW6MBC	KB1W
YB9WZJ	KU2A	VE3QAA	ZS2I	SM1NJC	KD2NF
	N3ER	VR2ZXP		VK6OZ	KI8AE
122	N5ZY	VU3RGB	117	VR2IL	N1AH
AA0BH	N7TW	W1RG	AD7L	VY2RU	N3DD
AA5B	NA2R	W5RYA	CE3FZ	W3IZ	NA1DX
AB5YI	NY4G	W6GJB	DL2VWR	W3MRL	NG8T
DB4RG	OZ6EI	WT5L	F8EZE	W7KKC	NK5K
F4GTB	TA1L	YB0AZ	IS0BZR	W7QC*	W0QKL
G0HSA	UA0FDX	ZS6NK	IZ7QFN	WA4VJK	W2ZK
HC1HN	W0DD		JA6SQR	WX3P	WD0AJG
JA9ALR	W2ARP	119	JM3GXU		WN0L
JR1HYA	W3/NH7C	AA4FU	JR1KBJ	115	XE1EE
K0HQW	W3JXP	F5BAR	K0FF	AA9WO	YB2BNN
K0MD	W4CC	HL2MHU	K4AEH	E74A	ZS4JAN
K4VAC	W4KCM	JA6JYM	K9LCR	HL4RBR	

113	KK7BR	G4VWI	PV8DX	WC4B	EW4DX
AC9GK	KS0JD	HG6IA	SP7ASZ	WF7T	F6FHZ
AI5EG	KY6AA	IZ1EPM	T88UW		G0OJG
AK0A	N1GNB	JF3KOA	TA1UT	107	G0RPM
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F5EOT	NK7Z	JR2PAU	W3GP	BG8PA	HI7SB
F8GB	NQ4A	JR4DHK	W4JDS	DJ5FZ	JA3AOP
G0UUI	S51DV	K3MSB	W5SG	DK2GP	JA5IBP
G4NAQ	W1FC	K4KAL	W7CB	E73D	JF7NNI
G4YCS	W1HQ	K4RP	W8MSP*	EA2BFM	JG1XBM
HB9GZE	W3WN	K5GZR	W8PE	EI5GSB	JJ1IRS
IU8GNY	W4AFB	K6DJ	WT9U	G4NBS	JO4JDU
JA2CPD	W4LLP	K6SLO	WW5RC	IC8XIL	K5TU
JA4CSJ	WD8LTM	K9TVG		JE1CTA	K6VWE
JH1GNU	WJ1B	KC3AK	108	K1FUG	KA9TOX
K1JKR	WN1M	KV3W	7M4CLF	K2FJ	KI4NSP
K2KNB	ZL3PAH	N4NYY	AC8MR	K2ZD	KM8V
K4JDJ		NG0G	DB9CR	K3GO	KR4U
K4JLD	111	TF8GX	DL1TPY	K4LQ	KT5V
K4TR	EI9CN	W1ZZ	DL2AMD	K6DLB	M0PCB
KB2TGU	F8DZY	W5JE	DL2NAI	KA4LBD	N4DJT
KC0V	G4ZWY	W6TCP	DM5TI	KB0EL	N6UOZ
KG2U	IZ0CKJ	W7YED	DU1IVT	KC2THY	N7MW
KG4OJT	JA4DLF	W8TE	E70X	KF2G	NG4C
LU3JVO	JA5EEU	YB1SKR	EA5XV	KJ4FZ	NI7F
NA9L	JE1TNL	YO5QAW	G5CL	KS8W	NS7K
NS4X	JH3LCU	ZS5LEE	G6MXL	LU5OM	PT2DF
S52R	K2KYH		IK1RKN	N0MHL	PY2OC
SV2DSJ	K8ZEE	109	JA2DCN	N7TP	UA0ABB
VA3AYA	K9JIG	AA4RX	JE2DOD	N9AZZ	VE3BHZ
VK7ZE	KM5VI	AC8TO	JH1OVY	NC6RJ	VE3XK
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W6BBS	N0ATQ	DL9QJ	K3XO	PP5VA	W0BM
W7CD	N1BZ	F8DHE	K4GHS	RM6LW	W0LGQ
	NT5O	G0MMI	K8LBT	SV3EXP	W0TLX
112	PT7CB	JA5GOJ	KC8YG	TA1CQ	W1USN
3C3CA	TA2RC	JH4GNE	KE3ZT	UX5XK	W4/KL7GLL
7Z1CQ	W2FDM	JI1IZS	KI4SFT	V31MD	W7GB
DS3EXT	W5GCX	K0FD	KN4WOJ	W5HY	WA3IIA
G0DTX	W7WT	K2OO	KO4XI	W8JA	WA8Y
G3YFE	W8LR	K6JAD	KW1X	WB2MKX	WS7I
IK4EWN	WB2UFF	K9JE*	LU2AH	WM4W	
IS0BQE	WB8PKK	KB7DT	N2IFA	WU1U	105
JA4RED	WU4B	M0AQM	N3YZ	ZP6CW	AA2F
JF2OHQ		M0MCV	N5FPW		AI1W
JF3AHI	110	N4LS	N5TW	106	AJ6V
JH0LME	AC0B	N6RVI	NZ6N	AB1NS	AP2IA
K0XM	AF8C	NN8L	TF3MH	AB6WQ	DL2DCX
K4HEB	AG5Z	NW6R	VE7VV	AC5AA	DL9GTK
K4ZMV	CT7ANG	NX1P	W4DVG	AC7DX	E29TGW
K7RAN	DK4MX	NZ3M	W6CN	AC8IL	F5VIF
K9KDS	EA1BLA	NZ7Q	WB1S	DS2GOO	G3LOJ
KH6P	EI9HX	PF7M	WB5ZAM	EA3AGY	HL4GHT

JA1JYS	JA1CC	K5DXR	W7IMU	LA3ANA	DK1MCS
JA1SZN	JA1DHY	K6XJ	W9GWP	M0PTZ	DK7GH
JE6UWU	JA1RBY	K9WMS	W9LU	M5LRO	DL3ANK
JH1IYY	J14HKA	KA7CVJ	WB4PWZ	N3CAL	DL5JH
J11DMH	JQ2MPJ	KL7NW	WB7QBS	N4PF	DS4GQR
JJ2BLV	K1TWF	KQ6K	WB8LEM	N5JED	EA5PS
JK1AKA	K2CQW	M0UPL	WD6T	N9MR	EI2FG
K0MB	K4WW	NB3R	WD9IOK	NC8I	EI4DQ
K1EO	K5JUC	NI5G	WF4W	NJ2X	EI4GJB
K1ETA	K7UW	RX3BP	WL7OU	NZ1I	EW4A
K2GW	K8CJY	VE7XT	WN9A	OZ5JQ	F5JWH
K5NV	K8WVA	W4CU	XE1SAX	PA3AIN	G0GFC
K5WE	KE4YOG	W5IP	YB0EIN	R2ARR	G8GFF
K6GCN	KJ2AM	W7JET	YB9AY	RZ6MJ	G8GNI
K6ME	N1FOJ	W8EH	YO6BHN	SM0BSO	GW0KRL
K7CMZ	N2TC	WA6URY	ZS2ACP	SV2BXA	IK7NXU
K7CTV	N3PW	WA8KNE		SV4FFL	IZ4IRO
K8FB	N4LSJ	YB1ALL	101	TF1A	JA1IHD
K9DUR	N4PAJ	ZL1IM	AA9D	TG9AKH	JA2KGQ
KK4MA	N4ZR		AB4EJ	UA4PK	JE7KCI
KR0P	N8TEM	102	C31MF	VA2GA	JG3LDD
LA9JKA	N8WXQ	4X1VF	DD9WG	VK4BUI	JG5VFK
LZ1JZ	NA8W	5W1SA	DL3XAC	VU2OT	JR4VEV
N0SL	OM6CI	AC0XY	EA4UV	W0ZX	K1HC
N1TQ	OZ9U	DB2WD	EA8TZ	W2GHD	K1JX
N9APK	PA0QRB	EA6UE	F4FLF	W2PD	K1PTF
N9IXD	PY2YW	HB9MZI	G3VDB	W3RMS	K2UF
NC1M	RV4LC	IZ7QSS	G4GEE	W3SW	K2UT
NK7L	VK3MB	JH1IHG	GM0SCA	W4PM	K3NO
OH6IH	W0VU	JH1MYJ	HB9PUE	W6OU	K3RRR
PV8RR	W9GXR	K1AJ	IK2HLM	WB5KSD	K4GM
VU2DED	WB7QXU	K1MDA	JA1KZP	WD4IXD	K4QS
W1PY	WX0B	K2CJ	JA2KPW	WM5H	K5LLA
WD4OHD	YB1BUL	K2DH	JA5ALE	WU6K	K5MMH
WK3A	YO6HSU	K2DW	JA5JUG	WX7B	K5PSN
WZ9B	ZS6HON	K4HR	JK3NSD	YB8HZ	K5VSD
YU1LD		KB1AWM	K1RE	YO2OXD	K7VL
YV4EH	103	N2CJN	K3AXB		K9EA
	AF8P	N2FY	K3LA	100	KA2F
104	DS5JMG	N4IR	K5HX	2E0XAR	KA4H
7N4OBV	EA2RY	N8KOJ	K5WRE	9M8DEN	KA9JAC
AA2WC	EI9GLB	NA4D	K7BWC	A41ZZ	KB6IGK
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CT3DZ	JF1KIG	R9GM	K8PGJ	AA7UN	KD0KZE
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EI3HA	K0BRO	SM0XG	K9MQ	AC0DH	KE1IU
F6ARS	K0OOK	US8ZAL	KB5YN	AC9DX	KE7BMG
FM5FJ	K2RNY	VK2GR	KC3OPI	AD4J	KE8NOA
G0DRM	K3PIN	VK7AP	KE9UA	AE4VJ	KF5MDZ
GW0ANA	K3TXW	W1GF	KJ5RC	AK1P	KF5TL
HA5DI	K4NI	W4GHW	KK6VGE	AK4AO	KF8PD
HB9BMY	K4PWS	W5TMC	KU4A	DB6VH	KG4IYS
JA0NZR	K4SAW	W7HJ	LA2XNA	DC1TK	KI0G

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	XE2AD
N4GOA	YB6LAY
N5CR	YE1AR
N5LJL	ZS6CR
N5LKE	
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
OR4K	
OV2B	
OZ9GA	
PV8AJ	
PY5VC	
R2AB	
UR8IDX	
VA2EU	
VE1JF	
VE3KKB	
VR2PX	
VU2OY	
W0PPA	
W0RMS	
W1HS	
W3BNN	
W4CG	
W4YR	
W5PD	
W5YKU	
W6KF	
W6OZI	
W9KM	
W9ZT	