

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 13 Mar 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 K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK WD5COV WK3N	JA1HGY JA2KVD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W9RPM WB9Z	EY8MM IK8HJC JG3QZN K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W4DKS W5OZI W8UVZ WB6RSE
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK DJ6RX DJ9KG G3KMA JH4IFF N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO K4XP N4XM N8DJX SM5AQD SP2FAX UA6A W1YY W4PK	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HA5WA HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W5BPT W5ZN	330 AA1ON DJ2YA DL1AMQ EI7BA F6BK1 HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYU KD5M N4JF N8JV N9IW NR1R OK1MP* RA3CQ VE3FF YO5BRZ YU1FW
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN			
345 HA0DU JA2VPO OH1XX					
344 K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 AA1V EA8AK JA4DND K4UTE N0AT SP5CJQ				
343 DF3CB K3FN K4MQG N4MM VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK F6AOJ G4OBK I4AVG		

329	PY2YP	DL5DSM	N4DW	319	WX4G
GM3POI	RZ3AM	G4CCZ	N4NX	AA4V	
IT9DAA	SM2GCQ	I0WDX	ON4CD	DJ4AX	316
IV3JVJ	SM5CZQ	IK5PWQ	PA3EWP	DK1FW	DL5WW
JA2JW	SP6M	JA2BDR	R7DX	EA8AKN	GM0GAV
JA7KY	SP9DWT	JA2DPC	SM5KNV	IK4DRR	IK2QPR
JE2URF	SV1RK	JH0INP	UA4CC	J11DHY	JA8EAT
JH1GZE		JR3GWZ	VE1DX	JR7VHZ	K3WA
K0EU	326	JR3OEH	W5CIA	K5MC	K4EM
K1HTV	EA5BY	K5KC	W5TCX	K6AM	K4HB
K9CT	JA7MSQ	N1NK	W18A	N4DB	K8YTO
N5AW	JA9APS	N8BM		ON4AOI	K9MM
NI0G	JF1WPB	NK1K	321	UA3AP	KG8P
NO8D	K5EK	OE8HIK	AD1C	W3KX	KQ8M
OZ1CTK	K8PT	R3OK	G3TXF	W5WT	N5DG
R4GM	LU2NI	VE2TZT	HB9BIN		RV3LO
SP6CIK	N7RT	W3LL	IK2YCW	318	SP1JRF
SP7GAQ	OZ1AXG	W9OL	JA0GJJ	A45XR	UA3DPM
SP8NR	SP5DIR	WB4TDH	JA1XEC	AA4HP	W1GL
W0DJC	W8DCH		JA3AZD	AA8CH	W7MO
W5XX	YO9HP	323	JH1IFS	DL6KR	W9ILY
WA1JMP		AD5A	JH3CUL	G4PWA	WA2VYA
	325	EA3GP	JH3VNC	HB0CC	YB5QZ
328	EU7A	JF1KKV	JH4ADV	JA2JNA	YO7LCB
AA5AU	HB9DHK	JH2FXK	K2VV	JH4JNG	
DL7MAE	I5NPH	JJ3PRT	K6FG	K2TE	315
IZ5EKV	IZ0AEG	K9IR	KV7K	K4IQJ	9H1SP
JA1SJV	JA2FJP	K9YY	LA7HJA	K5BG	AB3CV
JA6BZI	JA5WIZ	KF0QR	N4PQX	K5DU	AB6QM
J14POR	JE1SYN	N5TY	N5XZ	KX4R	DJ5FI
K4QL	JF1PUW	N8RR	OE6MDF	LA2PA	G3VKW
PY5EG	JF3KON	NY0V	OE8RT	PY5EW	HK3W
RU3FM	JF7XKY	OH2BLD	SM6DHU	R3VA	JA1ANR
SL0ZG	JH8RZJ	SM4DHF	SV1FJA	RA7A	JA8RJE
W2IRT	JS2LHI	UA3AB	UT7UJ	RW3RN	JA9CWJ
W4UM	K0DEQ	W3NO	W4FC	VE3LYC	JR2BJE
W5FKX	K9EU	W7AO	W8GC	WP4U	K1BD
	N3NT	W8OI		YO3APJ	K8NVR
327	OE2LCM		320		N5OK
AB4IQ	ON4IQ	322	DF2RG	317	NE1B
CT1APE	R5AJ	CT1BH	DM5EE	DK2NG	OE3EVA
CT1IUA	SM4EMO	EA2IA	FK8CP	HB9HFN	ON4IZ
DK5WL	SM6CCO	F5PAC	I2EOW	JA2IVK	PY2NQ
DL2OE	SM6CMU	G0DQS	JA3PIS	JO7WXN	SM3VAC
EA1YO	SP1S	IK4GME	K1LD	K2RW	
EA5BM	SV8CS	IK8YTA	N4II	K6YUI	314
I4EWH	W1ECT	JA4FKX	SP7VC	KE9L	CT1DKS
JE2LUN	W1RM	JJ2LPV	UY5ZZ	N2BJ	CT4NH
JH1TWT	W6RLL	JR2LJO	VE3EXY	N4QS	DL6CNG
J12KXK	W9OP	K2UO	W6XA	OE1WEU	EA6VQ
J18DGO		K7NN	YV1DIG	SP1MGM	G3NDC
KW9A	324	KA9CFD		UX1UA	HA1RB
N6JV	DK9KX	KU0A		W6VX	IZ8FFA

JA2AH	SV1CNS	UA4LY	IK4PLW	HL4CJG	DL1TRK
JA2ZL	W7CT	W2JU	K0KVR	IK2RPE	EA1AF
JR4OZR	W8HW		K5WAF	IK4ADE	EI2GLB
JR9LKE	W9RN	308	K5XI	JG3LGD	IZ5RVG
K2LS	WB8BPU	DL2CHN	N4TL	K7WP	JA1SVP
K5AQ		IU7QBB	OE5RLM	K7ZA	JA9AA
KB0EO	311	IZ2AMW	R9FM	K9MK	JK1EXO
KC9ARR	F3SG	JA1IZZ	UN7JX	K9US	K3XA
LA7AFA	I3BUI	JA7IC	W5ADD	KB1JZU	K8GG
MD0CCE	IK0PEA	JA9TWN		RL3FA	K8TL
OE1AZS	JA2XYO	JG4AKL	305	RW4NN	K8VJV
OE1ZL	JA4MRL	JH1SJJ	DJ4XA	SM6CUK	MM0EAX
SM4DDE	JA5XAE	JL1RUC	JA1VSL	SP3IBS	PA3CSR
SV1DPI	JR6FC	K0GY	JA7BWT	SP7HOV	UR5EDX
SV1JG	KM4H	K2UU	JA9GPG	SP7ITB	W3OA
UA6MF	OZ4O	K8OM	JH7RXU	W1SKU	W6TC
UT9FJ	PY2XU	KN5O	JR2UBS	WT8C	W9AJ
UX0FF	SV2DGH	KS1J	K0JUH		
YU3AA	UR0MC	LA7JO	KD3CQ	302	299
	WB9CIF	OE3SGU	KG4W	DJ5JH	AC0A
	WD0DAN	R7NW	N9AU*	EA1N	CT1FMX
313		VA5DX	NQ1K	F5CQ	DM2DXA
5B4MF	310	W2QO	PA5TT	HB9DDO	EW2A
AA5AT	JA0CRI	W6ENZ	RA9CMO	HL2IFR	G3SVD
AB9V	JF2UPM	W9MU	SM3NXS	I1EIS	HB9RG
AC4G	JF8QNF	WA8WV	UT2UB	IW1ARB	IK5RUN
CT1GFK	K4SO	YS1RR	W1YM	JA2VQF	IZ4MJP
EA7TV	K6RO		W5XC	KI0KB	JE1DXC
JA1GRM	K8AC	307	YB1UUN	R5DT	JK1GOK
JA5IU	K8FL	A65BR		SP2BMX	K6SIK
JA6VQA	LA9AJA	DK2JX	304	W0VX	LA3WAA
JA7JWF	NS6C	F2JD	DJ9ON	W4QN	N9FN
JH1NYM	RA0FF	G0BLB	DK5AD	WD4LBR	UA9FAR
JR1BLX	RL9F	HB9SLO	HB9CEX		UN6T
JS3CTQ	SP6HEQ	I5HOR	JA2NDQ	301	VE3BW
K6KLY	W0YG	JA2XW	JE2LPC	AE5E	
LB8DC	W4BP	JA3GN	K8GI	F4BKV	298
N8KOL	WB0TEV	JA6WJL	KC7V	HK4SAN	5B4AHJ
NN4R	WD9DZV	JJ3HGJ	N7US	IZ1LBG	DL7BA
SP3CGK	ZS1LS	JN3SAC	N8TR	JA0DIN	G5LP
WA7NB		K2SHZ	N9RS	JA1IOA	HB9BOI
ZS6EZ	309	K3RA	UY5AA	JA1LSP	HP2AT
	AA5AM	K9RX	W5AJ	JA2WYN	JA1WSK
312	JA1EOD	NI6T	W7DO	JE1LFX	JA4ITW
JA1SYY	K0KX	SP9JZU	WE9R	K4SE	JA5BEN
JA1XCZ	K1AR	W7OM	ZL3JT	PY7DJ	JG8FWH
JA7QVI	K8QM	WA5VGI		RN3QN	JL2JVX
JH1AGU	K9ZO		303	SV2AEL	JR7WFC
JH1QAX	NN4SS	306	E72U	US5WE	K2PK
JR1BAS	NU8Z	DL1KUR	EA3GHZ	WB5JID	K8EUR
K1HT	R9TO	DL5EBE	G3LZQ		ND0N
N1IBM	RX3AGD	G0OIL	HB9TKS	300	PY2VA
N5ORT	SM2OAN	HB9DDZ	HL3IUA	9K2OD	ZL1BYZ
RU3QR					

297 DL4CF E73Y HB9CQK JA3RQ JE7JDL JE8CLT K4MS K6ND K8WK K9SM KG7H KT1J W6YI	294 AI9L EA6NB HA9PP JA5SUD JE1GWO JJ1DWT JR1DUP K7ZV KZ4V N0KV OE5BWN RU6L SV3DCX W3JX	291 G0EHO IK0HFO IT9CVO JA3ENN JH1BAM K0BBC K3PA KP2A LA5HE N2TN N7IR N7RO VE3CFK W7BEM W9FR ZL4TT ZS2DL	JA9FAI JA9IFF JG1WSC JH4GJR K3FRK K4XD KK0M N2NL R0FA RA1QD VE3EK W9YSX	IK0AGU IK0XBX IZ8XQC JA2FGL JF2WGN K0TPP K1GG K1LPS K1RO K5PS K5RT LU8EKC N8SNM VE1JBC W3GQ W6PJ W8AXI	W8BBQ 283 DF2GH JA1RTX JE3ENP JG3FEA JL1XMN K3WW K9NW KJ6P OE8SPW W1LW W6BJH
296 AA8OY CT1DOF EV1R GM0AXY JA7LGE K6FW K8VC KB8VAO LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W3RJW W9JA WA3AFS YO2RR	293 AA4R CU2AP DL1HRN DL1SMA EA3WD IV3YYK JA2CXF JG0CQK JM1FHL K4JAF N2LM N4RWG PY2IQ S55DX WA4FFW	290 AA4A CT1FCX EC3A I4KDJ JA1KQX JA1QXC JE2DZC JE2EHP JK1TCV LA2QM LA5LJA LU3CQ PP1CZ SK3PY SV3AQR UN7TW VU2NKS W1EQ W2LK W5VY WA9PIE WB9EEE XE2CQ	288 4Z4DX IZ0RVI KD0Q N6UK NA5C ON6AA PY2KP S57AT UA3AGW W1YIF W2LE W2NO ZS2EZ	285 4X6ZK CU2DX DL2SWN DS1JFY EA3GHQ HL2WA IZ8DFO JA2VMU JA9FPI K1DG K6GXO K6PJ LA3MHA LA8HGA N8LJ OE1WHC WK7E	282 K1DT K1USA K5UO LZ2JE PC3T RD3AW SM4CTI UA0BA W4OX W7AL
295 AD6W DL1DUO IW0SAF JA1BPA JA1JAT JN1RQV K5VIP K5ZK RM0F SM5FUG SP8HKT SV1GYG VU2PTT W2GG W5LT W6XK	292 DL5CW EA5AT G4GIR G8DX HB9BAT IZ3ETU IZ8VYU K5DHY K7ZD LU4FPZ N7TY N8II R6AF SP5IWA W4VIC W6SR YO2CMI	289 AJ6T AJ9C DL9TJ EA6ET IW0HQE JA1FQI JA3EOP JA8EJO	287 9M6YBG AA8LL IV3GOW IW1QN IZ8FWN JA1XPQ JA2ATE JE2OVG K0AZ K3UL KD0PO R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR IK8VRH JA0DET JG3SKK JH3SIF JN1BMX N4LR OE2GEN SM0CCM SM6CTQ W2AY W4FQT W5ODD	281 AD5Q BA4RF EA5OX F3AT HB9RYZ I1FQH IZ8FDH JA2IYJ K0GD N2WB N5GH OZ1IKY W0LS W7ZJ W8KEN W8TN XE1KK
			286 AA8R AB5A CT3HF DL2VPO HL3GOB		280 GM3PPE HA5VZ IZ3ENH JA6TMU JA9NLE JF1NZW

JH1BNC	W8RLS	N4IG	BA4MY	WA1YTW	IZ0NRG
JH1HHC	W9MJ	NA5DX	CT1EAV		JA1IAZ
JH4ALY	WT4Q	NK0S	CT3MD	267	JA7HRM
JR6LLN		OH1JP	DK8MCT	AA4FL	JA8ZO
JR7FRW	276	OZ1ACB	EA1KY	HB9IQB	JR4LNG
K4WNW	AA6AA	RW7M	EI6FR	JA2QXP	K1CA
PY2DS	DK3WW	UR5WA	F9XL	JA7BEW	N1GC
SM5CZK	HB9LCW	W4HG	JA8DNV	JA8UIV	PA7TWO
UT7UV	IZ5BAM	W8QZA/QRP	K0BJ	JI3CJP	SV1CQN
VK3HJ	JA2XCR		K7UA	JJ1TKN	VE6AX
W8LGJ	JA7FWR	272	K9JF	K6BV	W5PF
WN6W	JA7LMZ	AF9H	N4JQQ	KI5BLU	
ZS4TX	LA9VFA	F5PBM	N4QQ	R8TX	263
	N5MOA	HK1MW	PU2POP	SM5BMB	DK4TP
279	ON4CAS	I5OYY	VE6LB	WB2BIN	EA3CJ
JA0PE	RX4HZ	IK5PWN	W8HC		EA4DL
JE8TGI	SM5CLE	JH0BQX	WL7E	266	HA7UW
JF2XGF	W1YRC	JH7BKN		EI8IU	IZ4DPV
JO4CFV	W1ZT	K1UU	269	IV3VBM	JA6GPR
KF2DT	W2OIB	K7EG	HL4GAV	JA3BXF	JA7XBG
KQ4AV	W5GO	K8BL	IK7FPV	K2KA	JR8AMF
OH1ZK		KA1ERL	IK8EPC	K4RG	K1KO
UN7LZ	275	KI4GE	JA1OVF	K5VWW	K8FH
VE3DZ	JA2JRG	N2DPF	JA1VLK	K8AJS	KN6KI
W1OPD	JA3XNH	N9RD	JP1NWZ	K8ROX	N1RR
W4UCK	JG1OGM	ND4X	K0KT	N6PSE	N7BT
	N2JJ	OE5FIN	K9MBQ	PZ5RA	NF1G
278	N7KA	PA0ZH	N4UOZ	RA4CA	WA4LOX
9A4T	N8PW	SV1ACK	NW7E	SV1HEP	ZS6NJ
E72A	ON5UE	W2OO	OH4UI	W0FLS	
EA8RR	PA7RA	W3AP	OM4EX	W8MET	262
EI9JF		WA1S	PE1L	WB2GAI	CT1BWU
F2NH	274	ZS1A	SM5FWW	WB3LHD	CU3EJ
JA8LRG	EW1KP		W3ACO		I5REA
K2UR	IW0HOU	271	W4MAY	265	JA8BAR
SM0NJO	JE6TSP	4X1RU	YB1AR	4F2KWT	K8AV
SM4AZQ	JH1IAQ	IK2DZN		G3WPH	LA9FFA
VE3CRG	K3PT	IZ8EJB	268	JA4FM	N3RC
W8MHW	K6UM	JH1OCC	7M4AOE	K2CBI	N6RV
WF2S	KA8SYV	JM1HJG	CT1FPQ	N3VA	N8OC
WO7R	KA8ZPE	K3PU	HB9BUN	N5KM	NK4L
	KS3F	KB1EFS	JA1NWD	N9JV	W0GG
277	N4HB	LB2TB	JH4HMG	NU1B	W5ZG
EU1KY	RA5BM	N6TA	K6IPM	NV9L	W6NWS
F5UJK	SV9AHZ	NN4X	KD4W	W6RS	W7LGG
JA8EOT	UA3ECJ	OZ4VW	LA0FA	WA0RVK	W7QDM
JH3KAI		UA3TT	N2AJ	XE1MEX	W9PZT
K2AJY	273	W1MK	N5JB		WA3GFM
K8UT	AB4SF	W7MEM	SM5ENX	264	WB8ART
N5LZ	DH2PC	WA3C	SM6BGG	4Z1UF	YB2DX
UW2ZM	JA2TBS		W2FV	EA1KP	
W1KSZ	JA6BEE	270	W9HBH	F6DBX	261
W3BW	JH3GCN	7K1PTT	WA0MHJ	HB9DHG	DK3PZ

G3UAS	258	VK3NX	252	249	K9YC
IZ8IEV	CU3EQ	W1KDA	DL7UPN	EA1RT	KB6CIO
JA3FHL	DK7YY	W8JRK	F1ICS	HL2CFY	LA9GX
JA4VLK	EA3EQT	WB7B	G3KWK	IZ8GGF	N3KN
K2FW	HL3AMO		G3NKC	JA1EMQ	NE8P
K7LJ	IK4AUY	255	JA1BNW	JA8FFM	PY5IP
KM1D	JA9AGN	AI6Z	JE1HRC	JH8GEU	W1KMA
LA5SJA	JR1WCT	EA5RD	JF3PNQ	K9NR	W3ICM
NX0I	K0TT	F6ECI	JH1ACA	KM6HB	W5ZO
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SM7CQY	N1EN	HL3DE	JK1UNZ	SM4OLL	
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ZS6WB	US0YA	JA1VRU	W2ZI	VE3YV	AF5CC
	W1SSN	JK1OPL	W7CA	VU2CPL	AJ8MH
260	W9EWZ	K7XB	WV6E	W0RX	G3KMQ
AA9A	ZL2IFB	KR4F		W8IQ	HA5PT
EA8MT		N1RK	251	W9RC	JA3QOS
EA9IE	257	NA5Q	9A4W	XE2D	KF7PG
EC1AIJ	AF4HX	VR2XMT	DL2RTL		N0AH
FG5FR	DJ0UT	W5JAY	JA1DDZ	248	N2NW
JA1KPH	DS5ACV	WS9V	JA1SKE	AK5X	NZ3O
JA2FBC	EA1JO		JA5BGA	G3VPW	S55ZZ
JA3VPA	EA7SG	254	JR3UIC	HB9DOT	YB0NFL
JA3WLN	EB3CW	BA7IO	K4VIG	HL2KV	
JH3FUK	IK2PZC	CT1BWW	K8CW	JE2VLG	244
K1ESE	K1SM	IZ5YHD	KG9Z	JJ1SKG	IK8UHA
K6EME	K4KAY	JF2WXS	KJ7TEA	N4XP	JA1CZI
K8YSE	N1API	JH1VUO	N4SC	OZ1LCG	J16IHG
K9FN	N6HC	K3SEW	N5UL	W2TB	JJ1BMB
LY1G	PY2MC	KI1U	W2JLK	W6RW	K0KG
N6MZ	RU1AB	LA5YJ	W3ABT	W8IW	K1EFI
NT5V	SV1VS	UA3O	W4SK		K1KA
SK7AX	W0JM	W3FI	W5GAI	247	K1YR
SP6JIU	W5DM	W7YAQ	W6DE	CT1FUH	KF7F
SV1FJP	W8MJ	WV4TN		HI8R	KK1W
TG9NX	WQ6Q		250	K1PL	N0RN
W2XI		253	6K5YIA	K3VAT	N6KZ
W6TMD	256	JA6IVR	F6HLC	KH6M	N6PM
WA5LFD	BH4QYX	JA8XQI	HA7TM	N4QWZ	OE3HWC
WV8DX	EC1A	JH3FHQ	IK0UTM	N7DED	SP6A
	FG8OJ	K0DD	JA8CJY	W2/CT1GIF	W0QQ
259	IK4HPU	K1FEV	JL1MWI	W7IB	W4REX
DJ8NT	JA0KJE	K6MKF	JR0EQQ	W9JJB	W5PJR
EW1BA	JF2VAX	K8DV	K9ZM	WS5W	WA2USA
JA8BNP	JH1RGG	KE1F	KQ3F		WA3F
JE2RDO	JM1GHT	N5BO	PA0JSE	246	
K2UFM	JM2RUV	N7XR	PY2FN	AA7G	243
LA6UL	K4JJW	UA0FO	UN3G	FG4NO	CT3KN
NI3P	K6EID	VE3YF	W2GW	HL2EIZ	DS5TOS
PY5CC	K8RRT	WF4U	W7HPW	IV3KFB	G4XRV
W7AH	M0TTB	YB0COU	W7IU	JE1VTZ	JA1PBV
	N1SV			JK1WSH	JA2EPW
	N9ISN			K2SN	JF1LMB

JR5JAQ	WB8CQV	K1RV	W3MR	JR3VMJ	KK9H
K4ZO	XE1RBV	K2NV	W7YW	K1XV	KS4S
K8ME		LB5WB	W9FI	K4ST	N4NW
W1BR	239	N4HID		K5FNQ	NE6I
W4PNY	AG1A	SM0MPV	234	NY2NY	W1WC
	DJ9RR	W6AER	DF7EE	RK4FD	
242	DL9FCY	W8UN	DK2CC	RQ3A	228
JA4ZA	I0JBL	WA0ROI	HB9BYQ	SV8DOU	7J1ADJ
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JH1WJR	IZ2FOS	WB8ZRL	IK0LNN	W9ZCL	F1RAF
JH4ADK	JA4HAW	WC3W	JH1APK		F5LIW
JJ2WOC	JA6CBG	YO3JF	JK1BSM	231	GW4TSG
JK1VXE	JA7KE		JR1VAY	AD5WB	HB9DQV
JR1MLU	JA9NFO	236	JR4LZX	DK6OR	JF1RYU
JR7GBL	JE2UFF	HB9ZS	K4MF	HL2ZN	JF1WLK
K3NQ	JH1DGJ	JA1HOM	KE5FXE	IW7DVM	JH2PWY
K4PB	K2XF	JA1JYE	KE8UM	JA1MZL	JH3GFA
K7FEL	K8YYY	JA3KNN	KX2A	JH0AWC	K4JC
KJ7M	N8SHZ	JH1UBK	ND4V	JJ1QUV	K4KGG
N2NS	NF4A	JN1NOP	NV4B	K5IB	K5FZ
N6HY	OE3KLU	K1ACL	OH2IS	KD6UO	KB1DMX
SV1IW	OH7TV	KM3J	W3WST	LZ2XF	KE4UW
VK3BDX	WA6JA	N4GN	WA4JQS	NA4EA	NH6T/W4
W8GNM	WB4KTF	N6IE	WA5UA	SM7NDX	RA3QUA
WB8K		OE2BZL	WX2U	W2DXE	VR2CH
	238	OZ7FOC		W4UDH	
241	G4FKA	PA0TCA	233		227
AB5C	HB9MFM	W0HBH	AA9GR	230	DL2RUM
IS0AFM	JA0LXP	W2YR	AA9RR	G3LUW	EI2HY
JF6XQJ	JE1PNX	W3FOX	AJ4A	JA5NPV	HB9DVO
JP1IOF	JF0JYR	W4GIW	DH0GSU	JA6AVT	I0MWI
K7KB	K9GA	W6DR	DS3HWS	JJ1VVB	JA0DWY
KV1E	K9OR	W9OO	EA4DEI	K3EA	JK1SQI
N4OA	KA4RRU	WA1PMA	EA5AR	K9JU	K1GE
W5DNT	KF9UG	WY6N	JH1SOD	KB9DAK	K5GH
W5QM	M0CSD	YB2TX	K8BN	W2KA	N1NU
	N4PJ		K8EAB	W8FIB	N6OJ
240	N5ZC	235	N9BX	W8WVM	W5SL
7K1CPT	N9UA	EA7QW	NE3F	W9YE	WA9GON
E21EIC	W4KA	EU1U	SM0XBI	WB2NPY	YL2KF
GU0SUP	WA4QMQ	G8AJM	W2NRA		
HB9EFK	WB0TVY	JE1IBI	W6YOO	229	226
JA1DM	WV9L	JH2VVH	WA8MCD	AA3LX	DM2RM
JA2FSM		K0EEO	WB2KSK	AE0P	I0OSI
JN1NBU	237	K0VSH	WD8PKF	AH0U	JH1IED
KF0LA	CT1BOY	K4QE	WE4S	DL8SDC	K2BA
N0ABA	G0VXE	K5CWR	ZL4AS	IK2GAJ	K2RU
S51NM	HB9CXZ	K8ZM		JA2OLJ	K4YJ
SP5LKJ	HB9JOE	N2FF	232	K0HD	KK4OK
UX5UO	IW3GJF	N4IQ	AC9EM	K3FM	N2KX
W0SZ	JF2OZH	NA5Z	EW4C	K4CMS	N5ET
W8WEJ	JH1DGQ	NW4M	G3XLF	KD1F	N6BM
WA4CEM	JR0QFA	TA1CM	JH6DUL	KI4DLS	N9AOL

NG7M	EA7DUD	K1DJ	JA7ZP	K0QQ	WY1G
VE7TK	I8MTQ	K1NTR	JG5RVQ	K2AZ	210
VK4CAG	IK2RZP	K4EU	K0NV	PY2RO	AA4LR
W9DX	IZ8MBW	K4MIJ	N6QI	SP7ICE	JR2PZX
225	K2HAT	K5MT	OZ0J	W0KCJ	K5CD
DK5RL	K6IPV	K6MM	W0TM	WB6BFG	KD4SN
DS5DNO	KI6CG	K7AWB	216	213	KD8RQE
EU1M	KW4V	KV4T	CX2CC	9A1AD	KU8X
JA0EVI	N2SQW	KZ9DX	DJ3XG	AG3V	PY2WC
JA4CZM	N4ENE	N9PGG	G4VMX	DK3UA	S54A
JF1MTV	NA2AA	ON4ATW	JA2VHO	EA2AFV	W5WP
JH8NQV	W5RF	PA3BWD	JH7WQX	HB9HIT	W6WF
JL3OUW	222	SM0DSF	K7LV	IV3FFI	W7FP
K0OK	AK5Q	UR4IOR	KK4OW	JA1FVS	W9IL
K1JIU	DJ9SO	W2PP	KR4W	JA3NHL	WW2DX
K4JWA	DL5XL	XE2X	KX4TT	JG3RWX	YB0DJ
K5YU	E77S	219	LB6KC	JH1OGT	209
MU0FAL	IZ7AUH	F5JSD	NC4RB	JR1EFG	JH8UQJ
N0ODK	JH0OXS	HB9BNQ	PS8ACL	K1NJ	K0LB
N9SF	JM1VRW	HL5BMX	W0SR	K5ALQ	K0VM
NJ7G	K2AT	IK5QPS	W5THT	KK2M	KB4MRX
SM3LGO	K6ZZ	JA1FJJ	W5VQ	N6PEQ	N9XX
W5GZ	KB5UNX	K2TER	W9MO	N8GP	PU1KGG
W5LO	KS4YT	K5JZ	WB3D	NA2M	SM5BNK
W5TFW	RA4P	KD2T	WS1L	VK3FM	W6DCK
W8CZN	SV8CKM	KG6I	215	W1LE	W8BLA
W8UV	VE7BV	KI7AO	9H1EJ	W3BJ	W8HMK
W9KVR	221	KR6C	AA7XT	W5GA	WB0ULX
WE1P	EA2AAZ	N1KC	DS4GKF	W7HR	208
YO9FNP	HB9HBZ	N6DX	HB9IIO	W8LMG	JH0NOS
224	IZ1JLG	NA9RB	I5XFD	212	K0THN
JA8NFV	JE2EBT	W6GRV	IZ0BVU	3A2MW	K4WES
JO1LVZ	JI1NJC	WA3I	JH5HDA	G4ZOY	K5RJ
K1CBK	K4CGY	WW8W	JR0AMD	JA1BWA	KR2Q
KZ5DX	K5DV	218	JT1BV	JS6TWW	N4FN
N3RW	KU4XO	DL2NOM	K1TZQ	KU4BP	NW6S
N7WO	N4TOL	DL4NBE	KE6V	SM5AOG	NY1V
RW4CY	N9JR	DS4AOW	KF4NEF	VU2DCC	W1FA
SM7BHH	NA9Q	I7PXV	N8NN	W5DAW	W4WN
SP6AXW	RU0SN	KE3D	RN9N	YL2TW	W5FPT
V51B	W0BM	KV4AA	W0FG	211	WA6G
VE3SKX	W4DEE	N4JT	W0TT	AA8SW	ZS1J
W7NN	220	SM7WVZ	W1JGS	JA3LDH	207
WB0O	AA6RR	TZ4AM	W4IS	JE2KSM	9K2BM
WN6K	DL4DW	VU2CDP	W6SL	JJ1KZZ	DG5LAC
223	DL4LAM	WA2NPD	ZL2AL	K3WWT	I1YDT
AB4UF	EA5DFV	WC4H	214	KT2C	JG1JPE
AC9O	EI9FVB	217	DJ3AS	LU6ETB	KE1VT
AF2C	IK1IYU	IK0CHU	F4GVO	N1BY	M0IKW
EA5B	JA1OVD	JA2NNF	JN7DOS	VR2XLN	

N9AKR	KM9E	K0MFI	ND3L	LU4FW	KJ4YLO
OE1JIS	VU2IBI	N2KI	RA3BL	N3XM	N4XYZ
ON4ANN	W4GP	PY2GG	VK6OZ	NN2D	NC2Y
RD9M	W7IV	RT5A	W6SHY	OH6NIO	NW7US
TF3DC	WB8BZK	W1OP	WA2VQV	SQ7FPH	UR3EO
VK2CA	XE1L	W6AEA	XE1FAS	UR5FEO	VA2IG
VK5GR	ZS2Y		YV5LI	VE3YXO	YB1TQL
W1MJB		200		W3SB	
W4GE	203	HB9AGO	197	W6KK	191
W9QO	DF3EC	IZ5FSA	4X4MF		AA4NC
YB0MWM	F5NBX	IZ8EKL	BA4TB	194	HA5CW
	IK2RGT	JA0KJD	EA1DLU	A65BD	JH1FNU
206	IZ0BTV	JA3EY	IT9AAI	EA5ZR	K1RI
CT1HHP	JA7JPZ	JA7MAD	IV3AVQ	HB9VAB	K8QKY
HB9CRV	JH8NBJ	JH1FVE	JA2MNB	JA7DPC	N4DWK
IW9DNI	JO3WHB	K1ZJA	K6TAR	JA7JM	N4HN
IZ4DIW	K0CS	K9SG	K8SIA	K1LT	N7MQ
JF1IRW	K4GO	KC6JAM	N7WS	KP3AH	OZ7DN
K3SX	K4JKB	KL7TC	W4DAO	KR8T	VK2HV
K8NK	K9OW	N1IA	W4HZ	NJ3K	W8UQ
KK5OQ	K9TF	N4TD	WI7P	SP6EY	WF1H
KK9T	KA1DJ	N7ELL	WQ5R	VU2LBW	WI8R
KO6KD	KK8MM	PY3VB	XE1H	W4DC	
KW4CQ	KM7R	VK6LC		W5UHQ	190
N6ZN	N3PS	ZS1DX		W7PAQ	AA4U
N8BJQ	N4TV		196	WA1NXC	AC4VM
W7IUO	N6PAT	199	AG5W	XE1R	DJ9KV
WA3WZR	SM7GIB	AA3TH	CT3CD		EC7B
WB0N	SV1FKZ	AC0X	DF2UA	193	G3WW
	W1DYJ	AD4AA	G7SSE	7L4VYK	G4XEE
205	W3BNN	JH0RVY	HB9ESS	AE4CW	HL4CCM
AC9S	WA3FRP	JJ1WLL	I7LGM	DH3KM	JA2ITK
CU3AN		K4SX	I8YAV	HI3T	JH8KFE
DL6UNF	202	K4VNY	JA1XRA	IZ5MOQ	JJ2UDK
GM0VRP	BV1EK	KC2SST	JA7FAS	JA0AXV	K2CYS
IK0WRB	IK5BOH/2	KI4WCQ	KM4VI	JA1QIW	K7UT
JA4DHN	IT9ODQ	MU0GSY	N2GZ	K3NF	K8ZT/QRP
K4MV	K9WX	N2RR	N2ZA	KB2FCV	KD0AA
K4YYL	N8WD	PB9FN	N3QE	KM1C	N3AIU
K5VR	NU1O	V51YJ	NA9A	KZ1W	N6MXU
KW1DX	W1AW	W6JZ	RC2A	NU4B	NN5E
N9KW	W3NS	W9LN	SP3F	SM5ELV	SM0BYD
OH3OJ	W4RDX	W9RXJ	SP5MXZ	W8NN	W2OR
UN9L	W7TUS		W6HYI	WB6CJT	W9ROG
WA4MME	W7VY	198	WA0WWW		WA8LRW
WC2K	WA9BZW	DJ0MCH	WB5NHL	192	WB4GLI
XE1J	WE2N	DL8DWL		F6FYD	
		IV3BSF	195	G1VDP	189
204	201	JM1ESG	CT1ELF	HB9FBG	I0LYO
JH1OBS	DL4FAP	JR1IZM	JA7QQQ	IZ7GIT	IV3KCB
JJ6DGP	GI4OWA	K0GW	K4KEW	K6XN	JA1SGU
K1RH	IZ0GYP	KA1J	K7PT	KE0A	JG1SWM
KB5HC	JA0CIU	N4PYI	KE4S	KJ4UZU	K6UXO
			KF9AF		

KY5I	UN7BK	VU3CAU	178	175	NC7B
LA6OP	VA7ZT	W6SFK	AA8KY	AG5CN	NX2X
MOHIH	W0QC	W7WZ	AE4M	EA6UE	OV5O
OH2LHE	W2WG		EA8AXT	IU8IYE	SM0EUI
ON6KE	W5SUM	181	G4DDL	IW1PUR	W8QXR
RM3DA	W6RKC	IZ4AIB	IW0BYL	JA0LFV	WA7BNG
RN3CT	WV2I	JK1DDG	JA1ERB	JH6RTO	WY7FD
SM4BZH		KY6R	K1ZE	K3HW	
W4AEJ	184	N1HO	K3VAR	KD4POJ	172
W6DPD	AD6ZJ	N4MIK	KU1T	KF2OG	EI1DG
	EA5RU	N6VS	N6DHZ	KF6HI	JA1BON
188	HP2NG	N8AYY	OZ1HPS	KL0S	JE3PCP
EA7AN	IK0HBN	N8HRZ	W7HUY	KN7D	JK1JAS
JA0GCI	JA7FVA	NN9X	WB6AXD	LZ2ZG	K5TA
JH7NTW	K3JM	NV4A	WC0W	N7NG	LZ1XL
JK1AJX	N2MEE	UA9AEU		N7VPN	N3AO
JM1SZY	NW7M	W6TK	177	NS3L	N5PA
JP1GUW	SM2EJE	W6UC	4X6UU	UA1OM	N7GCO
K1JD	UN7BY		IW8CGX	UA9AGX	SP5ES
K2DC	UT7KF	180	JE4RAL	XE1YD	W1ASB
PY2RN	W0PE	4X6KJ	JF1LZQ		YB4IR
WV4V	W6BK	A61BK	JG3KLF	174	
YO2DFA	WB2HJV	AA4AK	K2JL	AA4UC	171
	WB3BFC	DK1NAL	K2MK	AG4Q	AA5N
187	WB4YDL	JH1IZR	K3OX	AG7N	AD3C
EA5HM	WB5STU	K0IL	K8YE	DF8FT	CT2GZE
IK8GJR	YB1RUS	K2SD	KD1AB	DL5KUA	DL5MM
N6NU		K3DFL	KF4VTT	HB9HVG	F9CI
N6VNI	183	K8SL	NA6MG	JL6USD	IK3GBG
PP7LL	IU0ICA	N2ZZ	SM5CBM	JR3TOE	IZ0CKJ
W5ZE	JA2KSP	NA5S	VK2AAH	K5CR	JA3AVO
	JA3UNA	VR2XYL	W0IKD	K9HQM	JJ1BDX
186	JE4CIL	W4DSM	W0JW	K9UQN	JL1GYZ
AF6PK	K3SF		W1AO	N5QS	JS6QOM
I4UUL	K6LRN	179	W4KVS	W5JMW	K2TV
K5EWS	NA2U	DL5MHQ	WD8KND	W5WI	K4WY
K5QX	W3ML	F4WDL	YB1TJ	WA4BIM	K6ZP
K5RKS	WF8R	JA3EEM		WA4NUF	KB0V
K5TN	YB2TS	JH1XFR	176	WQ5T	KC5LK
KC6X		JR3ADB	DL6NW		KP4DKE
KK0DX	182	K4WZ	F4FLF	173	KW9U
W8RV	G3SBP	KB7AK	G4AYU	7L2QAD	N8WRL
WA5IPS	I5FLN	KE5TD	JR1FHP	AB6CF	NA6O
WB4DNL	I8LWL	KJ6NZ	K5DCW	AI9U	ON6MX
WZ4RC	JA6SQR	KZ2R	KK7YC	DM6MA	W0MU
	J11CQA	N3KV	KT8D	HB9DVZ	WA4DOU
185	K7LAZ	NK7C	LA4JGA	K1ROA	WA5KBH
JK7LXU	KG4JSZ	NO0B	N1JP	K5ZQ	
K0KP	KS0JD	SP5ELW	OZ9XU	K6UNE	170
K3PP	LA5LT	W0ZS	VE1VOX	K8JE	DL2JIM
KE5BR	N8NA	W1HS	W4LEW	LA9VBA	EI5KO
KQ4EE	N8NB	W4CCS	W9WO	N7HN	EI6AL
OZ3SM	NZ5O	W4TUN	WA3GNW	N9DR	JA1GVT

JK1BIB	KB8NTY	N2RJ	N0AMI	JR1CAD	WT2P
JQ1YIW	KD3HN	N3KS	N4KM	K7LY	157
K6EGF	KE3X	RA0BA	N7KDT	KC9K	7N3IJT
K6JJ	KH6XT	RL3BZ	N9ATF	KM4NS	E20YLM
K7CU	N1ZJ	TF3JB	N9LEO	N0IW	EI2JD
LA2GH	N4PL	VK3TC	R3IS	N4MEC	GM4KHE
N4VN	N8JS	W2FS	SM7CZL	N5WA	JA0NZR
N6EM	PT2ADM	WB2WPM	VA2LC	N8IL	JA3MHA
N8VV	PY2SEX	WB9PNU	W1OK	NI5F	JE3OUW
NX4TT	TF3VS	WC4X	W1XV	W1TO	KB7QFE
VE1OP	WA0SXV	164	W8MIL	W9FF	KN7Y
VE2YG	WA5NFC	AC4BT	WA9IVH	WB8QZM	KO4PRE
W0OGH	166	CT3DL	XE2YWH	ZS6RJ	N4MI
W2CG	AD0K	DL7JRD	YO3DDZ	159	N6VH
WA4USA	AL7R	EI6IZ	YO3IPR	AA3AZ	NP3CW
YO4AUL	DL1SVA	IZ0GVZ	162	CT1ESO	PY1NS
169	GM7NZI	JE3FOR	4F1OZ	EA1P	W3HKK
DM3CW	HL4XM	JJ1JMZ	BH4IGO	IK0WMJ	W4DTA
JA1KXT	JG3KMT	K0COM	DJ7JC	JA0ED	WB9B
JE1PHH	JQ1PCX	K1XE	DS3EXX	JA3PRM	156
K8ZZU	JR6GHN	K6CF	EA2AGV	JA4FKO	DK8IZ
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KI2D	KN4FO	KA1API	JR4CZM	KC4HN	GM3WIL
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RD3BD	KW4J	KL7TS	N5FEE	N1MD	HB9MXY
SV1IZY	LA7EIA	N2XQM	W4NBS	N4VG	JA1CCG
W7VAS	SV2CLJ	N7WI	W8FN	NE5S	JA2ODB
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168	W8SAX	NG9J	HL3ERJ	PT2ND	JH2AJY
A92IO	WA1ZIC	PT7DX	JP7FSO	VA3NXM	KA9OKH
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JH1ORA	ZL3RJ	W6SIY	K4AR	WD5BJT	W1MR
JH3EQP	ZS6IR	W9CSX	KM4A	XE1MW	155
JP1LRT	165	163	N7QT	158	5P5Q
K1VI	AG6HE	AA4OC	NA6XX	9J2BS	AB4GE
K2SY	CU3HN	AC0DQ	OK2ZDL	G4SGX	DK3QM
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LX1CW	IK0XIH	EA1AZ	W5RDW	JJ1KXB	JA0EBV
N4ST	JE4KCN	F4CPF	W6DOE	K4HQQ	K2DF
N6MB	JE4WOK	HA5BSW	W9GG	K8GWU	K4EZY
OE1ALW	JF1KML	JA0MRW	160	KB2XJ	K4SAF
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SV1XV	K2AX	JR6LDE	EA1WH	KJ7NO	M0IFT
VR2MY	K3VPZ	K0ABC	EA3HDZ	N4XXM	N1QY
WX0Z	K7CTV	K0CF	IK1ZNM	N6MM	NF7D
167	KG4CUY	K4GN	JA1ITJ	W0JMP	NK7Z
F4DSE	KG5NP	KE1B	JA1UOA	W6FL	NO9E
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	LB7ZG	LA1CO		WB2RAJ	

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154	DU1KT	IT9IPQ	K7STO	WA2MUA	K9BQL
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JA4HXF	JG2LGM	JA7GZM	LZ1MDU	XE2B	KJ4R
JA8ANQ	K0PX	JG1GJH	N0TK	YB1BML	KN7K
JE6PJP	K0RAR	K5HK	N3ND	ZS6UT	LB2TG
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JH1BHW	KD2OV	KI7M	PY2CP	AA5TL	N4UP
JM1JZN	KE9S	N6JOJ	VE6TL	AC7JM	N7ZA
JR3QHJ	NH6L	N9IO	W4AG	AL7TC	TG9AJR
JR7ILA	NM1G	OH3PYY	W9MAK	DL1MEV	W4JVN
KC1ERO	ON4LG	ON6ZV	147	EA4S	W4UFO
KM2O	R9JX	SM0BSO	AB9KZ	EA7LS	W7VS
N7JB	W6RFF	VU2NXM	EI3CTB	EI7GY	WY0V
NE5W	WA6EZV	W3KB	F6KOP	JH1CTV	142
VA3OKG	YV4DYJ	W4NE	G3VQO	K5FXB	JA1PUK
W4CIR	151	ZS1C	IS0/YO3RA	KQ5M	JH6PFY
W8TM	AB2E	149	JA0JPD	KS0M	JI1UHZ
WA9MAG	AD5MD	7N2JZT	JJ0LZQ	N6KK	K2CJ
WN7J	AK9B	DS4DRE	JK1OTP	NS4X	K3GT
153	DF1IR	ER0FEO	K0PC	W3DQS	K8MRT
HB9BEM	DL4KUG	JN4FNZ	K3GGN	W7NP	K9UO
HB9GWJ	J68HZ	JS6SCC	K3GW	WR7Q	KA6BIM
JA3UOQ	JA2BUR	K2HT	K4NTO	144	LA1J
JH2NWP	K1QN	K2KIB	K4TXJ	AD0TR	YO8CRU
JR7MAZ	K4DET	K2RET	K5UZ	DL6DCD	141
K0SRL	K7LAY	K8WHA	KB9LIE	G4FTC	7K3QPL
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K9YZ	N7MB	NE0U	W9GM	K8OS	IZ3XEF
KF9LI	NU4I	NU4Y	146	N5UE	JR3PKO
KK4XL	SM0NUE	NZ0O	AE5B	NJ1Q	K2JK
LA2IR	VA3EJN	PY8WW	HP3TA	RN0C	K5VG
N0VVV	VA3HP	RT0F	JA3KWZ	UY2UZ	K9AAN
N7NW	W3DIY	TF3Y	JE1COB	W0AIH*	K9AQ
OH3DP	W3HER	UA9MC	K6NR	WB9W	KA5SYP
OH3FVP	W4PGM	W7JET	K8ARY	143	KA5VFU
SP5NON	W5WLA	WA1EHK	K8POM	AA4MM	NZ6N
W8VK	W6WA	WF7T	KB9AIT	AF3X	TF5B
WB4SON	WA9JWL	148	KM8AM	EA4D	VE3FAC
	WC2C	4F3BZ	N6FS	HB9AAA	W1NA
152	150	A71AM	N6RK	JA1MOD	W5GOL
4O3A	DK3BK	IW5EIJ	N8TFD	JF2RSF	W6HDG
AC6BW	DK3FB	JA1IHD	N9MR		WK8A

WK9U	KL7NW	W4MA	W4UAT	SM7DXQ	K7ORK
140	KU9S	W4PV	W5AAJ	UW7UA	K8RCT
AA4DD	N0SL	W7SX	W7KKC	VU3WEW	KB4KBS
AD9DX	N3PV	135	WB1DX	W3KHZ	KN4WOJ
EI6JK	N9BVA	AB4FH	XE2AD	W4MC	N8BK
EI7JZ	OD5YA	GM5YTT	133	W5FL	N9AVC
I4JEE	PV8ABC	HZ1GW	7J1ABD	WA1HXH	PY3OG
JG1RYQ	TA1PB	JA1DCK	DL8OH	WA1KXV	SM2YIP
JJ1OKK	W0UHL	JA3MIO	GM1BSG	ZS1EL	VK5CE
K0UBR	W4DWS	JA7MWC	HB0WR	131	W7TG
K5GZR	WA5POK	JJ1HLL	HK4EB	EI5GM	XE1ILI
K6EV	137	JL2ULM	JA5IBP	JA9KRO	128
K7VC	AC5AA	K2WJ	JM1JIV	JH1IYY	A71XX
KB1HY	DL2RD	K3HPA	K7YMG	K0ARM	DL9SAD
KC3AK	G3PSM	K3WGR	KG6WIK	K5SES	EA1AHA
LA8PDA	HL1MKT	K4OP	KI4TZ	KA5IAU	EI3IO
LZ2HM	JA4DNC	N5RN	LA9KY	NG4DX	F4GTB
VE3NJC	JH1SBE	N7TW	N1BKB	NN6K	HL2DBP
W5VU	K2CDJ	NX8Y	OH4KRN	W5EC	JH1AWJ
W9BS	K2RKJ	S53MJ	OH7HM	130	K6OJ
WB1ASL	K4AU	W5IO	V31CQ	AA4QE	K7PTC
WB8EKG	K6IRA	W7QHE	VU2ABS	DL1SWN	K9YKL
WW6G	K9BO	WB3AVD	W1GY	JA2LMY	KC2WUF
YB3MM	KP4N	WB6FWS	W1ITU	JH3PRR	KD5R
139	N7VZ	WB9IWN	W3MF	JL4BSE	KG2U
F5VML	N9NFT	WO5I	W6OUL	K2MHE	N0JR
HB9ARK	NI4Y	134	W9SE	KN4JX	PU4MMZ
HB9DTE	NU1T	AB0RX	WB9ZNZ	N2YF	R3BB
HL4CBX	OE3JAG	AB1J	YB4CHP	N7TM	UR9IDX
K0QB	SM5CSS	DL4ZAB	YO3GJC	NS4F	W0QD
K0YL	SP3EPG	EA6AZ	132	OZ6TL	W5MF
K9QJ	TA1AL	IZ8DEO	AA4FU	RU3DX	W6IS
K9TRV	W2GGY	JA6GXP	AK3E	W1MO	W8BI
KX4I	W2NY	JR0GXA	AK6I	W9CTJ	W8WV
N0CKC	W4UEF	JR1HYA	I8NLC	WA7HR	W9EBO
N2SG	W9MR	K3KY	IK8OZV	WB8RFB	WA4UWD
N7NF	WA0WOF	K7FL	IZ0COI	YB2IQ	WC4V
R9MJ	WG0G	K7YZO	K4BNF	YO8PS	WP4CQ
ZL3TE	WS1F	K9JDP	KB8KIM	129	WQ1H
138	136	K9SUH	KE7BMG	AD6KQ	ZS6AKU
DL5KUT	DM5JBN	KA9JCP	KG8OU	AE7U	127
DL5ZB	EA5KA	KD2SC	KI7HO	DS4EJA	7Z1HL
G0FWX	G0OSK	KF5WCP	KK5ID	JA0AVS	AG4TO
JA0CVC	IS0EBO	KN4OK	M3DFW	JA1PLT	DJ5DT
JA1PVX	NT5EE	LB5GI	N1AH	JA2ACI	DL9GTB
JA1VRY	ON5GF	N2TC	N3TR	JA3WMS	EA3NG
K2YSY	VE3FRR	N6XT	N4EDT	JH1RFM	EA4TX
K6CW	W0ANZ	NC6RJ	N4QOG	JM1CMA	G8BCG
KC9G	W4EJG	SM3WMU	NN3V	JN1SUT	HB9TJG
KF6A	W4GH	W1DAR	ON6YH	K1IG	HK6K
	W4IDX	W2KNG	PY2OP		I2YPY

IK2ULM	125	W8PAT	N1ZZ	AE5LK	118
JA0BES	AC4XO	WB1S	N9ATD	AI2S	6K5AQY
JE2VYM	EI8GS	WW5L	UT9LC	CT7ABD	AC9GK
JG1LRE	G4EHT	ZL3REX	W1ES	CU2CE	AE1T
JH1HRJ	IK8PGE		W1HEO	DS3DNT	DJ9KM
JI1MNT	IZ8EYN	123	W1KKG	DS5QLJ	IZ0RPS
JR1LZK	JF2OHQ	AB9BH	W5HMK	F5AQB	IZ1JIZ
K7LFY	JH8FIH	AE5FM	W6HB	IK8IPL	JA6CMQ
KF3N	JP1GVC	AI5EG	WA5YOM	IT9JPS	JH3LCU
LA2LI	K5NOF	DJ6OZ	WA9DU	JA1DCO	K9KJS
N0AB	K9ARZ	DS4DBF	XE2MX	JH5OTE	KA5JSM
N0DL	KC2STA	G6NHU		JJ1XVA	KA9JAC
N1BZ	KK5J	IK0XKP	121	K9CHP	KB3KJ
N3GTG	N7UJJ	IZ8LMA	AB4BJ	KG4OJT	KC2THY
N5JED	NA7RH	JA1GLE	DL7UGO	KJ6Y	KD9BIE
NA1RL	NN6CH	JA2HOL	HA2EQD	KK7BR	KG5VK
NT9F	SM5AFU	JH1RVQ	IK6BMU	LU3XX	KX6C
ON5EQ	W0XE	K0MD	JA1CPN	N1TQP	LZ1XZ
VE3EDY	W4AO	K2JGL	JA1EYN	N3DV	N3HYB
W0MF	W5CWQ	KI0HA	JA1WTO	N3GS	N8KUS
WA2BOT	W6PG	KO8SCA	J15WDC	N4UFP	VR2CC
WB2KSP	WA1LAD	LA2XNA	K1LTJ	NR2D	W4AFB
	WA4TMJ	LX2SM	K3CWF	PP2FN	WA7ZXD
126	WM4AA	N6DVR	K9MQ	VE3QAA	WA8RCK
CU7AJ	WR2G	N9RE	KB3IFH	VR2ZXP	WB5TOI
DS3EXT		OH3TY	KK4ODQ	VU3RGB	ZS2I
EI4HH	124	PY2ADR	KO4DKI	W1RG	
IK4TVP	AA5H	SV7CUD	KU2A	W5RYA	117
IW7EDZ	AF8C	VE3VHH	N3ER	W6GJB	AD7L
JA5CDL	DJ3EJ	W2WGK	N5ZY	WT5L	CE3FZ
JA5XPD	EC4KW	W4UT	NA2R	YB0AZ	F8EZE
JH4GXE	EI8IQ	W7FI	NA4MM	ZS6NK	IS0BZR
K2GLS	G4RGK	WB8TGY	NY4G		IZ7QFN
K5KDX	IT9YOZ	WU7X	OZ6EI	119	JA9KA
K7PO	IZ1UKF	WX3P	TA1L	DL2VWR	JM3GXU
K8GT	IZ5BYJ	YB9WZJ	UA0FDX	F5BAR	K0FF
K9QA	JM1LPN		W2ARP	HL2MHU	K4AEH
KC3RKW	K3SUI	122	W3/NH7C	JA6JYM	K9LCR
KC5RR	K6VVK	AA0BH	W3JXP	K4RM	KB2S
KC9WPS	K7HC	AA5B	W4CC	K7LOL	KB5CSQ
KK4CB	KB8DID	AB5YI	W4KCM	K8EB	KO4PY
KM4CQG	KC2NJ	DB4RG	W5UQ	LU9DO	KP4ED
KS4WA	KC4AA	G0HSA	W7PC	N1GNB	KZ1X
N5HC	KD3UY	HC1HN	W9MB	N8LCU	N5JEY
N8YQX	KD9ZR	JA9ALR	WA7HQD	ON8PHD	N5VBK
N9XG	KV8P	K0HQW	WB7BBQ	SV1BYI	N8AGU
VE3TMG	N0YO	K1AJ	WQ8T	SV2KF	VE7NY
VK2DAG	N4LSJ	K1EDG	WT3Q	W1ZK	W3LWH
VR2VGM	NT4K	K3DQB	WU9D	W2FDM	W3MRL
W8VI	W0DD	K4VAC		W6ZPL	W4ARK
W9COS	W4BH	K9KJ	120	W8EOG	W4PG
XE3E	W6ELI	KB4ET	AA2T	ZL2AO	WB9WHQ
	W6ND	KN9N	AC4TO		YO6HOY

116	NW6V	JF1AZQ	W5GCX	K3MSB	W3ATV
6K2ILX	OE5MPL	JH1GNU	WB2UFF	K4KAL	W3GP
AA0FT	W4OV	K1JKR	WD8LTM	K4RP	W4JDS
EA5GXI	W5WS	K2KNB	WF4W	K6DJ	W5SG
EI4BZ	WB4MM	K4JDJ	WJ1B	K6SLO	W7CB
G8GHD	WJ5K	K4JLD	WN1M	K9TVG	
IZ2CSX	WS4H	K4TR	ZL3PAH	KF8PD	108
JA2KPW		K5TU		KV3W	7M4CLF
J11DMH	114	K5WRE	111	N1TQ	AC8MR
JT1CO	F6FHZ	K7MO	AK4N	N3YZ	AC9DX
K4LCP	G3CWW	K9DUR	EI9CN	N4NYY	DB9CR
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K9GWH	IZ0FYW	LU3JVO	HB9ECS	TF8GX	DL2NAI
KB8ZUN	JA1CPU	NA9L	JA4DLF	W1ZZ	DM5TI
KC1RET	JA8EIA	S52R	JA5EEU	W5JE	DU1IVT
KD5RBU	JG4OOU	SV2DSJ	JE1TNL	W6TCP	E70X
N0UCR	JL3RNZ	VA3AYA	K1RE	W7YED	EA5XV
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N2ZL	K2IRM	W0LGQ	K5NV	W8TE	G6MXL
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OE6CLD	KD2NF	W6BBS	KI2Y	YO5QAW	JA2KGQ
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SM1NJC	N3DD	112	KV7N		K3XO
VR2IL	NA1DX	3C3CA	N0ATQ	109	K4GHS
VY2RU	NG8T	7Z1CQ	NT5O	AA4RX	K8LBT
W1HQ	NK5K	EI2FG	PT7CB	AC8AZ	KC8YG
W3IZ	W0QKL	G0DTX	TA1UT	AC8TO	KE3ZT
W9LU	W2ZK	G3YFE	TA2RC	AF3K	KE7AUB
WA4VJK	W8LR	GM0SCA	TA7AZC	DL9QJ	KI4SFT
WW5RC	WD0AJG	IK4EWN	W7WT	F8DHE	KJ2AM
	WN0L	IS0BQE	WB8PKK	G0MMI	KJ4SKO
115	WT9U	JA4RED	WL7OU	JA5GOJ	KO4XI
AA9WO	XE1EE	JE2DOD	WU4B	JA9IWR	KW1X
AF7WM	YB2BNN	JF3AHI	XE1ZTW	JH4GNE	LU2AH
E74A	ZS4JAN	JH0LME		J11ZS	N2IFA
HB9MZI		K0XM	110	K0FD	N5FPW
HL4RBR	113	K4HEB	AC0B	K6JAD	N5TW
IW2FLB	AB1NS	K4ZMV	AG5Z	KB7DT	N7TP
JA0NPQ	AK0A	K7RAN	AJ6V	M0AQM	N9AZZ
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JH8LEY	EA5DPL	K9KDS	DK4MX	N4LS	VE7VV
JJ2VLY	F5EOT	KH6P	EA1BLA	N4WD	W4DVG
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KB4CRT	G0UII	N0OK	G4VWI	NN8L	W7SMW
KB7V	G4NAQ	N2SO	HB9BEP	NW6R	WB5ZAM
KG4URP	G4YCS	N8AID	HG6IA	NX1P	WC4B
MM1PTT	HB9GZE	NQ4A	IZ1EPM	NZ3M	
N0TR	IU8GNY	S51DV	JF3KOA	PF7M	107
N7PIB	JA2CPD	W3WN	JH1FRW	PV8DX	AB7RW
NE1RD	JA4CSJ	W4LLP	JR2PAU	SP7ASZ	BG8PA
NG0G	JA5SEY		JR4DHK	T88UW	DJ5FZ

DK2GP	JA3AOP	JK1AKA	K2CQW	KQ6K	W5TMC
E73D	JA3FRI	K0MB	K4WW	M0UPL	W7FS
EA2BFM	JF7NNI	K1EO	K5JUC	N1MIE	W7HJ
EI5GSB	JG1XBM	K1ETA	K7UW	NB3R	W7IMU
G4NBS	JJ1IRS	K2GW	K8WVA	NI5G	W9GWP
IC8XIL	JO4JDU	K5WE	KE4YOG	RX3BP	WB4PWZ
JE1CTA	K6VWE	K6GCN	N1FOJ	VE7XT	WB7QBS
K1FUG	KA9TOX	K6ME	N3PW	W2SUB	WD6T
K2FJ	KB1OIQ	K7CMZ	N4PAJ	W4CU	WD9IOK
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K6DLB	KR4U	KR0P	NA8W	WA6URY	YB9AY
K7UWR	KT5V	LA9JKA	OM6CI	WA8KNE	YO6BHN
KA4LBD	M0PCB	LZ1JZ	OZ9U	WC9C	ZS2ACP
KB0EL	N4DJT	N2YU	PA0QRB	YB1ALL	
KF2G	N6UOZ	N9APK	PY2YW	ZL1IM	101
KF6XA	N7MW	N9IXD	RV4LC		AA9D
KJ4FZ	N9ZJ	NC1M	VE3ZN	102	AB2NI
KS8W	NG4C	NK7L	VK3MB	4X1VF	AB4EJ
LU5OM	NI7F	OH6IH	W0VU	5H8HZ	AB8YZ
N0MHL	NS7K	PV8RR	W9GXR	5W1SA	C31MF
N1UZ	PT2DF	TF1A	WB7QXU	AC0XY	DD8BA
NI8Z	PY2OC	VU2DED	WX0B	AD7XG	DD9WG
OV2B	UA0ABB	W1PY	YB1BUL	DB2WD	DL3XAC
PP5VA	VE3BHZ	WB8LEM	YO6HSU	DL4FDM	EA4UV
RM6LW	VE3NKS	WD4OHD	ZS6HON	G4FVZ	EA8TZ
SV3EXP	VE3XK	WK3A		IC8SQS	G3VDB
TA1CQ	VU2MB	WZ9B	103	IZ7QSS	G4GEE
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V31MD	W4/KL7GLL	YV4EH	DS5JMG	K1MDA	IK2HLM
W1USN	W6KF		EA2RY	K2DH	JA1KZP
W5HY	W7GB	104	EI4GNB	K2DW	JA5ALE
W8JA	WA3IIA	7N4OBV	EI9GLB	K4HR	JA5JUG
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WB2MKX	WS7I	AA6XV	HB0RER	K6JAV	K0GEO
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WM4W	ZL3RIK	EA4EJP	JF1KIG	KO3F	K3LA
WU1U		EI3HA	JI1FXS	N2CJN	K5HX
ZP6CW	105	F6ARS	JP1KHY	N2FY	K7GA
	AA2F	FM5FJ	K0OOK	N4IR	K8PGJ
106	AI1W	G0DRM	K2RNY	N8KOJ	K9GL
AB6WQ	AP2IA	GW0ANA	K3PIN	NA4D	KB5YN
AC7DX	DL9GTK	HA5DI	K3TXW	NN5O	KC3OPI
AC8IL	E29TGW	HB9BMY	K4NI	R9GM	KC4ZA
DS2GOO	F5VIF	JA1CC	K4PWS	S51MA	KD2RUY
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EW4DX	HL4GHT	JA1RBY	K6XJ	US8ZAL	KJ5RC
F6JSZ	JA1JYS	JH1MYJ	K7BWC	VK2GR	KK6VGE
G0OJG	JA1SZN	JI4HKA	K7HV	VK7AP	KU4A
G0RPM	JE6UWU	JQ2MPJ	K9WMS	W1GF	LA3ANA
G3LPS	JJ2BLV	K0BRO	KA7CVJ	W1MRH	M0PTZ
HI7SB	JK1AIA	K1TWF	KP4DDY	W4GHW	M5LRO

N3CAL	EI4DQ	KR4Q	WB6RAB
N4PF	EI4GJB	KZ4EX	WB6RJH
NC8I	EW4A	MONGN	WD1M
NJ2X	F5JWH	N0JX	WD4GZW
NZ1I	G0GFC	N0KM	WI0E
OZ5JQ	G4PUQ	N0VTZ	WK7W
PA3AIN	G8GFF	N1KI	WM4D
R2ARR	G8GNI	N3NVA	WM9Q
RZ6MJ	GW0KRL	N4GOA	WU1T
SV2BXA	IK7NXU	N5CR	YB6LAY
SV4FFL	IZ4IRO	N5LJL	YE1AR
TG9AKH	JE7KCI	N5LKE	ZS6CR
UA4PK	JG0HEW	N7WFK	
VA2GA	JG3LDD	N7WR	
VK4BUI	JG5VFK	N8HM	
VU2OT	JK8VMB	N8URE	
W0ZX	JN1RFY	N9MKC	
W2FDJ	JR4VEV	ND0B	
W2GHD	K1HC	NE3K	
W2PD	K1JX	NM4SH	
W3RMS	K1PTF	NX6D	
W3SW	K2UF	OM2AGN	
W4PM	K2UT	OR4K	
W6OU	K3NO	OZ1GCT	
W7UV	K3QB	OZ9GA	
WB5KSD	K3RRR	PV8AJ	
WD4IXD	K4GM	PY5VC	
WM5H	K4KYN	R2AB	
WU6K	K4QS	UR8IDX	
WX7B	K5LLA	VA2EU	
YB8HZ	K5MMH	VE1JF	
YO2OXD	K5PSN	VE3KKB	
	K5VSD	VR2PX	
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2E0XAR	K7VL	W0PPA	
9M8DEN	K9EA	W0RMS	
A41ZZ	KA2F	W2MW	
A71EM	KA4H	W3KN	
AA7UN	KB6IGK	W4CG	
AC0DH	KC5N	W4DFU	
AD4J	KD0KZE	W4YR	
AE4VJ	KD1DT	W5PD	
AJ6X	KE1IU	W5YKU	
AK1P	KE8NOA	W6OZI	
AK4AO	KF5MDZ	W9KM	
DB6VH	KF5TL	W9ZT	
DC1TK	KG4IYS	WA2ALY	
DK1MCS	KI0G	WA2VJL	
DK7GH	KI3O	WA3UTC	
DL3ANK	KI4PG	WA3YZD	
DL5JH	KK6MF	WB0RXQ	
DS4GQR	KL2R	WB2ZEX	
EA5PS	KL7XO	WB4HMA	