

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 06 Jul 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	I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	JH4UYB K4XP N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W1YY WD5COV WK3N	HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM	331 DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI W8UVZ
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN WB6RSE	330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYY K9CT KD5M N4JF N8JV N9IW NR1R OK1MP*
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE	336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T W0MHK			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX 338 G4BWP	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK F6AOJ G4OBK		

RA3CQ	JE2LUN	W9OP	K2UO	K4EM	K2RW
SP7GAQ	JH1TWT		K6FG	N4II	K6YUI
VE3FF	J18DGO	324	K7NN	SP7VC	K9MM
W3NO	K0DEQ	DK9KX	KA9CFD	UY5ZZ	KE9L
YO5BRZ	KW9A	DL5DSM	KU0A	VE3EXY	N2BJ
YU1FW	N6JV	FK8CP	N4DW	W3KX	N4QS
	PY2YP	G0DQS	N4NX	W6XA	NE1B
329	RZ3AM	G4CCZ	OH1LEU	YV1DIG	OE1WEU
GM3POI	SM2GCQ	I0WDX	ON4CD		UX1UA
IT9DAA	SM5CZQ	IK5PWQ	PA3EWP	319	W6VX
IV3JVJ	SP6M	JA2BDR	R7DX	DJ4AX	WX4G
JA2JW	SP9DWT	JA2DPC	SM5KNV	DK1FW	
JA7KY	SV1RK	JH0INP	UA4CC	EA8AKN	316
JA7MSQ	YO9HP	JR3GWZ	VE1DX	IK4DRR	DF2UU
JH1GZE		JR3OEH	W5CIA	J11DHY	DL5WW
K0EU	326	K5KC	W5TCX	JR7VHZ	G0OIL
K1HTV	EA5BY	K9YY	W18A	K5MC	IK2QPR
N5AW	JA9APS	N1NK		K6AM	JA8EAT
NI0G	JF1WPB	N8BM*	321	N4DB	K3WA
NO8D	K5EK	NK1K	AA4V	ON4AOI	K4HB
OZ1CTK	K8PT	OE8HIK	AD1C	UA3AP	K8YTO
R4GM	LU2NI	R3OK	G3TXF	W5WT	KG8P
SP6CIK	N3NT	VE2TZZ	HB9BIN		KQ8M
SP8NR	N7RT	W3LL	IK2YCW	318	N5DG
W4UM	OZ1AXG	W8OI	JA0GJJ	A45XR	RV3LO
W5XX	SP5DIR	W9OL	JA1XEC	AA4HP	SP1JRF
WA1JMP	W8DCH	WB4TDH	JA3AZD	DL6KR	UA3DPM
		WP4U	JH1IFS	G4PWA	W1GL
328	325	323	JH3CUL	HB0CC	W7MO
AA5AU	EU7A	EA3GP	JH3VNC	JA2JNA	W9ILY
AD5A	HB9DHK	GM0GAV	JH4ADV	JA4EPE	WA2VYA
DL7MAE	I5NPH	JF1KKV	K2VV	JH4JNG	YB5QZ
IZ5EKV	IZ0AEG	JH2FXK	KV7K	K2TE	YO7LCB
JA1SJV	JA2FJP	JJ3PRT	KX4R	K4IQJ	
JA6BZI	JA5WIZ	JR2LJO	LA7HJA	K5BG	315
J12KXK	JE1SYN	KF0QR	N4PQX	K5DU	9H1SP
J14POR	JF1PUW	N5TY*	N5XZ	LA2PA	AA5AT
K4QL	JF3KON	N8RR	OE6MDF	PY5EW	AB3CV
RU3FM	JF7XKY	NY0V	OE8RT	R3VA	AB6QM
SL0ZG	JH8RZJ	OH2BLD	SM6DHU	RA7A	G3VKW
W1ECT	JS2LHI	SM6DHF	SV1FJA	RW3RN	HK3W
W2IRT	K9EU	UA3AB	UT7UJ	SP1MGM	JA8RJE
W5FKX	K9IR	W7AO	W4FC	VE3LYC	JA9CWJ
	OE2LCM		W8GC	YO3APJ	JN3SAC
327	ON4IQ	322			JR2BJE
AB4IQ	R5AJ	CT1BH	320	317	K1BD
CT1APE	SM4EMO	EA2IA	AA8CH	AB9V	K8NVR
CT1IUA	SM6CCO	F5PAC	CT4NH	DJ5FI	N5OK
DK5WL	SM6CMU	IK4GME	DF2RG	DK2NG	OE3EVA
DL2OE	SP1S	IK8YTA	DM5EE	HB9HFN	ON4IZ
EA1YO	SV8CS	JA4FKX	I2EOW	JA1ANR	PY2NQ
EA5BM	W1RM	JJ2LPV	JA3PIS	JA2IVK	SM3VAC
I4EWH	W6RLL		K1LD	JO7WXN	SV2DGH

WA7NB	SP3CGK	ZS1LS	DK2JX	304	CU2AP
314	W9RN	309	F2JD	DJ9ON	HB9BOI
AC4G	ZS6EZ	AA5AM	G0BLB	DK5AD	HP2AT
CT1DKS	312	JA1EOD	HB9TKS	HB9CEX	IZ1LBG
DL6CNG	F3SG	JA1VSL	I5HOR	JA2NDQ	JA0DIN
EA1N	IZ2AMW	K1AR	JA2XW	JE1DXC	JA1LSP
EA6VQ	JA1SYY	K8QM	JA3GN	K8GI	JA1SVP
G3NDC	JA1XCZ	K9ZO	JA6WJL	KC7V	JE1LFX
HA1RB	JA7QVI	NN4SS	JJ3HGJ	N7US	JG8FWH
IZ8FFA	JH1AGU	NU8Z	K2SHZ	N9RS	JK1GOK
JA2AH	JH1QAX	R9TO	K3RA	UY5AA	K4SE
JA2ZL	JR1BAS	RU3DX	K9RX	ZL3JT	MM0EAX
JA5XAE	JR6FC	RX3AGD	NI6T	303	PY7DJ
JR4OZR	K1HT	SM2OAN	W7DO	E72U	RN3QN
JR9LKE	N1IBM	UA4LY	W7OM	EA3GHZ	SV2AEL
K2LS	N5ORT	W2JU	WA5VGI	G3LZQ	WB5JID
K5AQ	RU3QR	308	306	HL3IUA	300
KB0EO	SV1CNS	DL2CHN	DL1KUR	HL4CJG	9K2OD
KC9ARR	W7CT	F4BKV	DL5EBE	IK2RPE	AC0A
LA7AFA	W8HW	HK4SAN	HB9DDZ	IK4ADE	DL1TRK
MD0CCE	311	IU7QBB	IK4PLW	JK1EXO	DL4CF
OE1AZS	CT1FMX	JA1IZZ	JE2LPC	K7WP	EA1AF
OE1ZL	IK0PEA	JA2WYN	JR2UBS	K7ZA	EI2GLB
SM4DDE	JA2XYO	JA7IC	K5WAF	K9MK	IZ5RVG
SV1DPI	JA4MRL	JA9TWN	KD3CQ	K9US	JA9AA
SV1JG	KM4H	JG4AKL	N4TL	KB1JZU	K3XA
UA6MF	OE3SGU	JH1SJN	OE5RLM	LA3WAA	K8GG
UT9FJ	OZ4O	JL1RUC	R8TX	RL3FA	K8TL
UX0FF	PY2XU	K0GY	R9FM	RW4NN	K8VfV
WB8BPU	UR0MC	K0KVR	UN7JX	SM6CUK	PA3CSR
YU3AA	WB9CIF	K2UU	US5WE	SP2BMX	UR5EDX
313	WD0DAN	K8OM	WE9R	SP3IBS	W3OA
5B4MF	WD9DZV	KI0KB	305	SP7HOV	W3RJW
CT1GFK	310	KN5O	DJ4XA	SP7ITB	W5VY
I3BUI	HB9SLO	KS1J	JA1IOA	W1SKU	W6TC
JA1GRM	JA0CRI	N8TR	JA2VQF	WT8C	W9AJ
JA5IU	JF8QNF	NQ1K	JA7BWT	302	299
JA6VQA	K0KX	R7NW	JA9GPG	DJ5JH	4X6ZK
JA7JWF	K5XI	SP9JZU	JE6TSP	F5CQ	DM2DXA
JF2UPM	K6RO	VA5DX	JH7RXU	HB9DDO	EW2A
JG3LGD	K8AC	VU2NKS	K0JUH	HL2IFR	G3SVD
JH1NYM	K8FL	W1YM	KG4W	I1EIS	HB9RG
JR1BLX	LA9AJA	W2QO	N9AU*	IW1ARB	IK5RUN
JS3CTQ	NS6C	W5ADD	PA5TT	R5DT	IZ4MJP
K4SO	RA0FF	W6ENZ	RA9CMO	RK4FD	K6SIK
K6KLY	RL9F	W9MU	SM3NXS	W0VX	KB8VAO
LA7JO	SP6HEQ	WA8WV	UT2UB	W4QN	N9FN
LB8DC	W0YG	YS1RR	W5AJ	WD4LBR	UA9FAR
N2NL	W4BP	307	W5XC	301	UN6T
N8KOL	WB0TEV	A65BR	YB1UUN	AE5E	VE3BW
NN4R					WA3AFS

WA9PIE	295	IZ8FWN	ZL4TT	W2NO	JA0PE
298	DL1DUO	JA2CXF	ZS2DL	W3FOX	JA2IYJ
5B4AHJ	EC3A	JH0BQX	290	ZS2EZ	JA2VMU
DL7BA	IW0SAF	JK1TCV	AA4A	287	K6GXO
G5LP	JA1BPA	K3FRK	AJ9C	9M6YBG	K6PJ
IW0HQE	JG0CQK	K4JAF	DS1JFY	AA8LL	LA8HGA
JA1WSK	JH4ALY	KD0Q	I4KDJ	AA8R	N8LJ
JA4ITW	JM1FHL	N2LM	JA1KQX	IV3GOW	OE1WHC
JA5BEN	JN1RQV	N4RWG	JA1QXC	JA1XPQ	PE1L
JL2JVX	K0BBC	PY2IQ	JE2DZC	JA2ATE	WK7E
JR7WFC	K0TPP	S55DX	JE2EHP	JE2OVG	284
K2PK	K1GG	W7ZJ	KD0PO	K0AZ	DL6JZ
K8EUR	K4XD	WA4FFW	LA2QM	K5RT	EI9FBB
ND0N	K5VIP	292	LA5LJA	LA3MHA	GM3YOR
PY2VA	K5ZK	DL5CW	LU3CQ	N8PW	JA0DET
ZL1BYZ	N7TY	E72A	PP1CZ	R9SA	JA8CJY
297	NA5C	EA5AT	SK3PY	SM5ARL	JG3SKK
E73Y	RM0F	G4GIR	SV3AQR	W1VT	JH3SIF
HB9CQK	SM5FUG	G8DX	UN7LZ	W4YCH	JN1BMX
JA3RQ	SP8HKT	HB9BAT	UN7TW	W8AV	K9NW
JE7JDL	SV1GYG	IZ0RVI	W1EQ	WA6F	N4LR
JE8CLT	VU2PTT	IZ3ETU	W2LK	286	OE2GEN
K4MS	W5LT	IZ8VYU	WB9EEE	AB5A	SM0CCM
K6ND	W6XK	JA3ENN	289	CT3HF	SM6CTQ
K8WK	W7AL	JA3EOP	AJ6T	DL2VPO	W1OPD
K9SM	294	K5DHY	DL9TJ	HL3GOB	W2AY
KG7H	AI9L	K7ZD	JA8EJO	IK0AGU	W4FQT
KT1J	CT1FCX	LU4FPZ	JA9FPI	IK0XBX	W5ODD
W6YI	EA6NB	N8II	JA9IFF	IZ8XQC	W8BBQ
296	HA5VZ	R6AF	JG1WSC	JA2FGL	W9MJ
AA4R	HA9PP	SP5IWA	JH4GJR	JE3ENP	283
AA8OY	JA1FQI	W4VIC	K3UL	JF2WGN	DF2GH
AD6W	JA5SUD	W6SR	KK0M	K1LPS	JA1RTX
CT1DOF	JE1GWO	XE2CQ	R0FA	K1RO	JG3FEA
EV1R	JJ1DWT	291	RA1QD	K5PS	JL1XMN
GM0AXY	JR1DUP	4Z4DX	S57AT	LU8EKC	K3WW
JA1JAT	K7ZV	EA6ET	VE3EK	N8SNM	KJ6P
JA7LGE	KZ4V	G0EHO	W9YSX	UR5WA	OE8SPW
K3PA	N0KV	IT9CVO	288	VE1JBC	W1LW
K6FW	OE5BWN	JA9FAI	HB9RYZ	W3GQ	W6BJH
K8VC	RU6L	JH1BAM	JA2JRG	W6PJ	282
LA8PT	SV3DCX	K4ZO	K1DG	W8AXI	K1DT
N0RB	W3JX	KP2A	LZ2JE	285	K1USA
RA3QK	YO2CMI	LA5HE	N5LZ	CU2DX	K5UO
SM6BZV	293	N2TN	N6UK	DL2SWN	K8ROX
SV9COL	DL1HRN	N7IR	ON6AA	EA3GHQ	N6TA
UA6YW	DL1SMA	N7RO	PY2KP	EA5KA	OH4UI
W2GG	EA3WD	VE3CFK	UA3AGW	HL2WA	PC3T
W9JA	IK0HFO	W7BEM	W1YIF	IK8VRH	RD3AW
YO2RR	IV3YYK	W8TN	W2LE	IZ8DFO	SM4CTI
	IW1QN	W9FR			

UA0BA	WO7R	RX4HZ	272	K0BJ	266
W4OX		SM5CLE	AF9H	K7UA	EI8IU
XE1KK	278	W1YRC	DS5ACV	K9JF	IK0UTM
	9A4T	W1ZT	I5OYY	N4QQ	IW7DVM
281	EA8RR	W2OIB	IK5PWN	OE3HWC	JA3BXF
AD5Q	EI9JF	W4MAY	JF1LMB	PU2POP	K8AJS
BA4RF	F2NH	W5GO	JH1OBS	VE6LB	PZ5RA
EA5OX	JA8LRG		K1UU		RA4CA
F3AT	K2UR	275	K6IPM	269	SV1HEP
I1FQH	N4HB	CT1FPQ	K7EG	HB9IQB	W0FLS
IZ8FDH	N9ISN	JE1BMJ	K8BL	IK7FPV	W7YAQ
K0GD	SM0NJO	JG1OGM	K9MBQ	IK8EPC	W8MET
N2WB	SM4AZQ	N2JJ	KA1ERL	JA1OVF	WB2GAI
N5GH	VE3CRG	N7KA	KI4GE	JA1VLK	WB3LHD
OZ1IKY	W8MHW	ON5UE	N2DPF	JH3FHQ	
SM5ENX	W9HBH	PA7RA	N4JQQ	JP1NWZ	265
W0LS	WF2S		N6PSE	K0KT	4F2KWT
W8HC	WT4Q	274	N9RD	N4UOZ	G3WPH
W8KEN		EW1KP	NV9L	N6RV	JA4FM
WN6W	277	IW0HOU	OE5FIN	NW7E	JH1ACA
	EU1KY	JA8ZO	PA0ZH	OM4EX	JR1WCT
280	F5PBM	JH1IAQ	SV1ACK	SM5FWW	K2CBI
CT1EAV	F5UJK	K3PT	W2OO	WA0RVK	K2SN
GM3PPE	JA8DNV	K6UM	W3ACO	YB1AR	N5KM
IZ3ENH	JA8EOT	KA8SYV	W3AP		N9JV
JA3XNH	JH3KAI	KA8ZPE	WA1S	268	NU1B
JA6TMU	JK1UNZ	KS3F	WL7E	7M4AOE	W6RS
JA9NLE	K2AJY	RA5BM	ZS1A	HB9BUN	
JF1NZW	K8UT	SV9AHZ		JA1NWD	264
JH1BNC	ON4CAS	UA3ECJ	271	JA6GPR	4Z1UF
JH1HHC	UW2ZM	W7MEM	4X1RU	JH4HMG	EA1KP
JN7DOS	W1KSZ		HL4GAV	K2KA	F6DBX
JR6LLN	W2PP	273	IK2DZN	K6BV	HB9DHG
JR7FRW	W3BW	AB4SF	IZ8EJB	KD4W	IZ0NRG
K4WNW	W8RLS	CT1BWU	JH1OCC	N2AJ	JA1IAZ
PY2DS	WA3C	DH2PC	JM1HJG	N5JB	JA7HRM
SM5CZK		EI6FR	K3PU	SM6BGG	JR4LNG
UT7UV	276	IZ4DPV	KB1EFS	W2FV	K0DD
VK3HJ	AA6AA	JA1KPH	LB2TB	W9OO	K1CA
W8LGJ	DK3WW	JA2TBS	NN4X	WA1YTW	N1EN
ZS4TX	HB9LCW	JA6BEE	UA3TT		N1GC
	HK1MW	JH3GCN	W1MK	267	PA7TWO
279	IZ5BAM	JJ3CJP	WA0MHJ	IV3VBM	SV1CQN
JE8TGI	JA2XCR	JM2RUV	XE1MEX	JA2QXP	VE3YF
JF2XGF	JA7FWR	K4RG		JA7BEW	VE6AX
JH7BKN	JA7LMZ	N4IG	270	JA8UIV	W5PF
JO4CFV	LA0FA	NA5DX	7K1PTT	JJ1TKN	W6TMD
KF2DT	LA9VFA	OZ1ACB	AA4FL	K5VWW	WV4TN
KQ4AV	N5MOA	OZ4VW	BA4MY	K7XB	
OH1ZK	ND4X	RW7M	CT3MD	KI5BLU	263
VE3DZ	NK0S	W4HG	DK8MCT	N3VA	DK4TP
W4UCK	OH1JP	W8QZA/QRP	EA1KY	SM5BMB	EA3CJ
WB2BIN	OZ1LCG		F9XL		EA4DL

HA7UW	260	ZL2IFB	N5BO	WA4JQS	KF7F
JA7XBG	AA9A		VR2XMT	WV6E	KM6HB
JR8AMF	EA8MT	257	VU2CPL		N0RN
K1KO	EA9IE	AF4HX	WV9L	251	N3KN
K4KAY	EC1AIJ	DJ0UT		9A4W	NH6T/W4
K8FH	F6HLC	DL9FCY	254	DL2RTL	OZ5NJ
K9FN	FG5FR	EA1JO	BA7IO	JA1DDZ	SM4OLL
KN6KI	JA2FBC	EA7SG	CT1BWW	JA1SKE	UN3GX
N1RR	JA3VPA	EB3CW	IZ5YHD	JA5BGA	VE3YV
N7BT	JA3WLN	IK2PZC	JF2WXS	K4VIG	W0RX
NA5Q	JH3FUK	JA6OXT	JH1VUO	K8CW	W8IQ
NF1G	JH4ADK	K1SM	JH2VVH	KG9Z	W9RC
SM7IUN	JJ2WOC	N1API	K0GW	KJ7TEA	XE2D
W0GG	K1ESE	N6HC	K3SEW	N4SC	
WA4LOX	K6EME	PY2MC	KI1U	N5UL	248
ZS6NJ	K8YSE	RU1AB	LA5YJ	NV4B	AK5X
	LY1G	SV1VS	NE8P	W2JLK	EA4DEI
262	N6MZ	W0JM	UA3O	W3ABT	G3VPW
CU3EJ	NT5V	W3FI		W4SK	HB9DOT
I5REA	SK7AX	W5DM	253	W5GAI	HL2KV
JA8BAR	SV1FJP	W8MJ	AC9O	W6DE	JA1PBV
K8AV	TG9NX		FG4NO	W8OP	JE2VLG
LA6UL	W2XI	256	JA6IVR		JJ1SKG
LA9FFA	WA5LFD	BH4QYX	JA8XQI	250	KF9UG
LA9GX	WV8DX	EC1A	K1FEV	6K5YIA	N4XP
N3RC		FG8OJ	K6MKF	EA1RT	N6KZ
N8OC	259	GU0SUP	K8DV	HA7TM	SV1IW
NK4L	CT3KN	IK4HPU	KE1F	HB9EFK	W2TB
NX0I	DJ8NT	JA0KJE	N7XR	HI8R	W8IW
SP6JIU	EA3EQT	JF2VAX	UA0FO	JH6PFY	
W5ZG	EW1BA	JH1RGG	W2/CT1GIF	JL1MWI	247
W6NWS	JA8BNP	JM1GHT	W6RW	JR0EQQ	CT1FUH
W7LGG	JE2RDO	K4JJW	WF4U	JR5JAQ	JJ1BMB
W7QDM	K2UFM	K6EID	YB0COU	K9YC	K1PL
W9PZT	NI3P	K8RRT		K9ZM	K3VAT
WA3GFM	PY5CC	M0TTB	252	KQ3F	KH6M
WB8ART	W1KDA	N1SV	DL7UPN	OH2IS	N4QWZ
WQ6Q	W7AH	VK3NX	F1ICS	PA0JSE	N7DED
YB2DX	WS9V	W8JRK	G3KWK	PY2FN	NA9RB
		WB7B	G3NKC	UN3G	PY5IP
261	258	255	JA1BNW	W7HPW	S51NM
DK3PZ	CU3EQ	AI6Z	JA4HAW	W7IU	W7IB
G3UAS	DK7YY	EA5RD	JE1HRC	YL2KF	W9JJB
IZ8IEV	HL3AMO	F6ECI	JF3PNQ		WS5W
JA3FHL	IK4AUY	HC1BI	JH4CBM	249	
JA4VLK	JA9AGN	HL3DE	JL1BYZ	AF5CC	246
K2FW	K0TT	IV3TMM	K1EFI	HL2CFY	AA7G
K7LJ	KH2L	JA1VRU	K5FZ	IZ8GGF	GW4TSG
KM1D	SA0AQT	JK1OPL	KB9DAK	JA1EMQ	HL2EIZ
LA5SJA	US0YA	JR3UIC	W2GW	JA8FFM	IV3KFB
OM8FR	W1SSN	KR4F	W2ZI	JH1APK	JE1VTZ
SM7CQY	W5JAY	N1RK	W7CA	JH8GEU	JK1WSH
ZS6WB	W9EWZ		WA4CEM	K9NR	JR7GBL

KB6CIO	JH1WJR	239	WB8B	JH5HDA	231
N6PM	JK1VXE	AG1A	WB8ZRL	JK1BSM	AD5WB
W1KMA	JR1MLU	DJ9RR	YO3JF	JR1VAY	DK6OR
W3ICM	K3NQ	I0JBL		JR4LZX	HL2ZN
W5ZO	K4PB	IZ1JMN	236	K4JC	IK1IYU
	K7FEL	IZ2FOS	HB9DQV	K4MF	JA1MZL
245	KJ7M	JA6CBG	HB9ZS	KE5FXE	JH0AWC
AJ8MH	N2NS	JA7KE	JA1HOM	KE8UM	K2RU
G3KMQ	N6HY	JA9NFO	JA1JYE	KX2A	K4YJ
HA5PT	NF4A	JE2UFF	JA3KNN	ND4V	K5IB
HB9JOE	PA3BWD	JH1DGJ	JH1UBK	W3WST	KD6UO
JA3QOS	RC2A	K1XV	JN1NOP	WA5UA	LZ2XF
JJ6DGP	VK3BDX	K2XF	K1ACL		N8HRZ
K3EA	W8CZN	K4QE	KM3J	233	NA4EA
KF7PG	W8GNM	K8YYY	KS4S	AA9GR	SM7NDX
N0AH	WB8K	N8SHZ	N4GN	AA9RR	VU2DCC
N2NW	WC3W	OH7TV	N6IE	AJ4A	W4UDH
NZ3O		WA6JA	OE2BZL	DH0GSU	
OE3KLU	241	WB4KTF	OZ7FOC	DS3HWS	230
S55ZZ	AB5C		PA0TCA	EA5AR	G3LUW
YB0NFL	IS0AFM	238	VU2CDP	JA0KJD	JA5NPV
	JF6XQJ	G8AJM	W0HBH	JA3NHL	JA6AVT
244	JP1IOF	HB9MFM	W2YR	JH1SOD	JH7WQX
IK8UHA	K3WWT	JA0LXP	W4GIW	K8BN	J11VVB
JA1CZI	K7KB	JE1PNX	W6DR	K8EAB	K2SY
J16IHG	KV1E	JF0JYR	WA1PMA	N9BX	N9PGG
JJ1QUV	N4OA	K9GA	WY6N	NE3F	SV8CKM
K0KG	N9SF	K9OR	YB2TX	SM0XBI	W2KA
K1KA	W5DNT	KA4RRU		W2NRA	W8FIB
K1YR	W5QM	M0CSD	235	W6YOO	W8WVM
KK1W	WA8MCD	N4PJ	EA7QW	WB2KSK	W9YE
SP6A		N5ZC	EI2HY	WD8PKF	WB2NPY
W0QQ	240	N9UA	EU1U	WE4S	
W4REX	7K1CPT	W4KA	JE1IBI		229
W5PJR	E21EIC	WA4QMQ	K0EOO	232	AA3LX
W9FI	G7SSE	WB0TVY	K0VSH	AC9EM	AE0P
WA2USA	IW3GJF	ZL4AS	K5CWR	EW4C	AH0U
WA3F	JA1DM		K8ZM	G3XLF	DL8SDC
	JA2FSM	237	N2FF	HB9DVO	IK2GAJ
243	JN1NBU	CT1BOY	N4IQ	JH0OXS	JA2VHO
DS5TOS	K9JU	G0VXE	NA5Z	JH6DUL	K0HD
G4XRV	KF0LA	HB9CXZ	NW4M	JR3VMJ	K3FM
JA2EPW	N0ABA	JF2OZH	TA1CM	K4ST	K4CMS
JS6TWW	PY2GG	JH1DGQ	W3MR	K5FNQ	KD1F
K8ME	SM3LGO	JR0QFA	W7YW	KK9H	KI4DLS
W1BR	SP5LKJ	K1RV		NJ7G	N3PS
W4PNY	UX5UO	K2NV	234	NY2NY	N4NW
WX2U	W0SZ	LB5WB	DF7EE	RQ3A	NE6I
	W8WEJ	N4HID	DK2CC	SV8DOU	W1WC
242	WB8CQV	SM0MPV	HB9BYQ	W2DXE	YB1TJ
G4FKA	XE1RBV	W6AER	HS1NGR	W6CYX	
JA4ZA		W8UN	IK0LNN	W9ZCL	228
JH1ERJ		WA0ROI	JA2OLJ		7J1ADJ

AA0MZ	EU1M	222	W8LMG	EA2AFV	213
F1RAF	JA0EVI	AK5Q	XE2X	G4VMX	9A1AD
F5LIW	JA4CZM	DJ9SO		K7LV	AG3V
JF1RYU	JE2EBT	DL5XL	219	KK4OW	DK3UA
JF1WLK	JF1MTV	E77S	F5JSD	KR4W	HB9HIT
JH2PWY	JH8NQV	IZ7AUH	HB9BNQ	KX4TT	IT9ODQ
JH3GFA	JL3OUW	JM1VRW	HL5BMX	LB6KC	IV3FFI
K4KGG	K0OK	K2AT	IK5QPS	NC4RB	JA1FVS
KB1DMX	K1JIU	K6ZZ	JA1FJJ	PS8ACL	JG1JPE
KE0A	K2HAT	KB5UNX	K5CD	W0SR	JG3RWX
KE4UW	K3SF	KS4YT	K5JZ	W5VQ	JR1EFG
RA3QUA	K4JWA	KU8X	KD2T	W9MO	K5ALQ
UN9L	K5YU	RA4P	KE6V	WB3D	KK2M
VR2CH	MU0FAL	VE7BV	KG6I	WS1L	N6PEQ
	N0ODK		KI7AO		N8GP
227	NA2AA	221	KR6C	215	NA2M*
DF8FT	W5GZ	EA2AAZ	N1KC	9H1EJ	VK3FM
DL2RUM	W5LO	HB9HBZ	N6DX	AA7XT	W1LE
I0MWI	W5TFW	IZ1JLG	W6GRV	AA8SW	W3BJ
JA0DWY	W8UV	J11NJC	WA3I	DS4GKF	W7HR
JK1SQI	W9KVR	K4CGY	WW8W	HB9IIO	
K1GE	WE1P	K4MV		I1YDT	212
K5GH	YO9FNP	K5DV	218	I5XFD	G4ZOY
LU6ETB		K5ZQ	DL2NOM	IZ0BVU	JA1BWA
N1NU	224	KU4XO	DL4NBE	JP1GUW	JA3LDH
N6OJ	JA1OVD	KV4AA	I7PXV	JR0AMD	JR2PZX
NA9Q	JA8NFV	N4TOL	JH1OGT	JT1BV	KU4BP
W4DEE	JO1LVZ	N9JR	K1NJ	K1TZQ	N4FN
W5SL	K1CBK	NY1V	KE3D	KF4NEF	SM5AOG
WA9GON	K2TER	RU0SN	KR2Q	KO6KD	SM7GIB
	KZ5DX	W0BM	N4JT	N8NN	VK5GR
226	N3RW	WA0WWW	SM7WVZ	RN9N	W5DAW
DM2RM	N7WO		TZ4AM	W0FG	WW2DX
EA5B	RW4CY	220	W5GA	W0TT	YL2TW
I0OSI	SM7BHH	AA6RR	WA2NPD	W1JGS	
JH1IED	SP6AXW	DL4DW	WC2K	W4IS	211
K2BA	V51B	DL4LAM	WC4H	W6SL	JE2KSM
KK4OK	W5RF	EA5DFV		ZL2AL	JJ1JMZ
N2KX	W7NN	EI9FVB	217	ZS2Y	JJ1KZZ
N2SQW	WB0O	K1DJ	IK0CHU		JO4JDU
N5ET	WN6K	K1NTR	JA2NNF	214	K3SX
N6BM		K4EU	JA7ZP	3A2MW	KT2C
N9AOL	223	K4MIJ	JG5RVQ	DJ3AS	N1BY
NG7M	AB4UF	K5MT	K0NV	F4GVO	VR2XLN
VE3SKX	AF2C	K6MM	K1RH	HB9VAB	WY1G
VE7TK	EA7DUD	K7AWB	N6QI	K0QQ	
VK4CAG	I8MTQ	K9WX	OZ0J	K2AZ	210
W9DX	IK2RZP	KV4T	W0TM	N9KW	AA4LR
	IZ8MBW	KZ9DX	YO3IPR	PY2RO	CU3AN
225	K6IPV	ON4ATW		SP7ICE	JA7FAS
DK5RL	KI6CG	SM0DSF	216	W0KCJ	JH6RTO
DS4AOW	KW4V	UR4IOR	CX2CC	WB6BFG	KD4SN
DS5DNO	N4ENE	W5THT	DJ3XG		KD8RQE

LU4FW PY2WC S54A W5WP W6WF W7FP W9IL WA9BZW WK8A YB0DJ	RD9M TF3DC VK2CA W1MJB W4GE W6KK W9QO YB0MWM	W4GP W7IV WB8BZK XE1L	RT5A W1OP W6AEA	WA2VQV XE1FAS YV5LI	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
209 JH8UQJ K0LB K0VM KB2FCV KB4MRX K08SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW K8NK KK5OQ KK9T KW4CQ N6ZN N8BJQ ND3L NW7US W7IUO WA3WZR WB0N	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BT JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N2ZA N4TV N6PAT N7ELL SV1FKZ W1DYJ W3BNN WA3FRP	200 HB9AGO IZ5FSA IZ8EKL JA3EY JA7DPC JH1FVE K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB VK6LC ZS1DX	197 4X4MF BA4TB EA1DLU IT9AAI IV3AVQ JA2MNB K6TAR K8SIA NN5E W4DAO W4HZ WQ5R XE1H	193 7L4VYK AE4CW DH3KM HI3T I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM K3NF KM1C KZ1W LZ2ZG N4HN NU4B PY8WW SM5ELV W8NN WA9DU WB6CJT
208 HP2NG JH0NOS K0THN K4WES K5RJ N7WS NU1O NW6S W1FA W4WN W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR K9SG KW1DX N2KI OH3OJ WA4MME WI7P XE1J*	202 BV1EK G3SBP IK5BOH/2 JR1IZM N8WD W1AW W3NS W4RDX W7TUS W7VY WE2N	199 AA3TH AC0X AD4AA JH0RVY JI1WLL JM1SZY K4SX K4VNY KC2SST KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W6UC W9LN W9RXJ	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL	192 F6FYD HB9FBG IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG WQ5T YB1TQL
207 9K2BM DG5LAC JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN	204 KB5HC KM9E VU2IBI	201 DL4FAP GI4OWA IZ0GYP K0MFI K2CYS N4PYI	198 AG7N DJ0MCH DL8DWL IV3BSF JA6ENL JM1ESG K7PT KA1J N3ND RA3BL VK6OZ W6SHY	195 CT1ELF JA7QQQ K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FP UR5FEO VE3YXO W3ML W3SB	

191	K6UXO	KE5BR	LA5LT	W4TUN	N1JP
AA4NC	KD1AB	KQ4EE	N4MIK	W8QXR	NM1G
HA5CW	KY5I	OZ3SM	N8NA		VE1VOX
IT9IPQ	N2MEE	UN7BK	N8NB	178	W0MS
JH1FNU	N6NU	VA7ZT	NZ5O	AA8KY	W4LEW
JK1AJX	OH2LHE	W0QC	VU3CAU	EA8AXT	W9WO
JP1LRT	ON6KE	W2WG	W6SFK	G4DDL	WA3GNW
K1RI	RM3DA	W6RKC	W7WZ	IW0BYL	
K8QKY	RN3CT	WV2I		JA1ERB	175
N4DWK	SM4BZH		181	K1ZE	AG5CN
N7MQ	VA3OKG	184	AE4M	K3VAR	EA6UE
NK7C	W4AEJ	AA4UC	EI3CTB	KU1T	IU8IYE
OV5O	W5SUM	AD6ZJ	IZ4AIB	N4ST	IW1PUR
OZ7DN	W6DPD	EA5RU	KY6R	N5FEE	JE3PCP
VK2HV	YB4CHP	IK0HBN	N1HO	N6DHZ	K0KV
W5IP		JA7FVA	N6VS	OZ1HPS	K1ROA
W8UQ	188	K3JM	N8AYY	W7HUY	KD4POJ
WB4DNL	EA7AN	NW7M	NN9X	WB6AXD	KF2OG
WF1H	JA0GCI	SM2EJE	NV4A	WC0W	KF6HI
WI8R	JH7NTW	UN7BY	UA9AEU		KN7D
	K2AX	UT7KF	W6TK	177	N7NG
190	K2DC	W0PE		4X6UU	NS3L
AA4U	N2ZZ	W6BK	180	IW8CGX	UA1OM
AC4VM	OZ9XU	WB2HJV	A61BK	IZ2EWR	UA9AGX
DJ9KV	PY2RN	WB3BFC	AA4AK	JA0LFV	
EC7B	WV4V	WB4YDL	DK1NAL	JE4RAL	174
F4DSE	YO2DFA	WB5STU	JH1IZR	JF1LZQ	AG4Q
G3WW		YB1RUS	K0IL	JG3KLF	DL5KUA
G4XEE	187		K2SD	K2JL	HB9HVG
HL4CCM	EA5HM	183	K8SL	K2MK	JL6USD
JA2ITK	F4WDL	IU0ICA	N7VPN	K3OX	JR3TOE
JH8KFE	IK8GJR	JA2KSP	NA5S	K8YE	K1XE
JI2UDK	KM4NS	JA3UNA	VR2XYL	KF4VTT	K5CR
K7UT	N6VNI	JE4CIL	W4DSM	SM5CBM	K9HQM
K8ZT/QRP	W5ZE	K6LRN	WA6EZV	SP9IZV	K9UQN
KD0AA	XE1YD	NA2U		VK2AAH	N7NW
N3AIU		W2CG	179	W0IKD	NG9J
N6MXU	186	WF8R	DL5MHQ	W0JW	W5JMW
SM0BYD	AF6PK	YB2TS	IK1ZNM	W1AO	W5WI
W2OR	K5EWS		JA3EEM	W4KVS	WA4BIM
W9ROG	K5QX	182	JH1XFR	WD8KND	WA4NUF
WA8LRW	K6EGF	4X6KJ	JR3ADB		
WB4GLI	KC6X	I5FLN	K4WZ	176	173
	KK0DX	I8LWL	KB7AK	DL6NW	AB6CF
189	N5QS	JA6SQR	KE5TD	F4FLF	AD0K
I0LYO	W8RV	J11CQA	KJ6NZ	G4AYU	AI9U
IV3KCB	WA5IPS	JK1DDG	KZ2R	JK1JAS	DM6MA
JA1SGU	WZ4RC	K5DCW	N3KV	JR1FHP	HB9DVZ
JG1SWM		K7LAZ	NO0B	KK7YC	K6UNE
K3DFL	185	K9AQ	SP5ELW	KT8D	K7STO
K3HW	JK7LXU	KG4JSZ	W0ZS	KW9U	K8JE
K5RKS	K0KP	KL0S	W1HS	LA4JGA	LA9VBA
K5TN	K3PP	KS0JD	W4CCS	LA7EIA	N7HN

N9DR	JK1BIB	JE3FOR	JR6LDE	KE1B	JF3VEC
NC7B	JQ1PCX	KA5JSM	K3VPZ	KO4PRE	JG2LGM
NX2X	JQ1YIW	KB8NTY	KG4CUY	KW4MM	JK1EBA
SM0EUI	K6JJ	KD3HN	KG5NP	LA1CO	JK1NPH
TF3JB	K7CU	KE3X	LA2XPA	N0AMI	JR1CAD
W7VAS	LA2GH	KH6XT	LB7ZG	N4KM	K7LY
WA7BNG	N4VN	N1ZJ	N2RJ	N7KDT	KC9K
WY7FD	N6EM	N4PL	N3KS	N9LEO	N0IW
	N8VV	N8JS	PT2ND	R3IS	N4MEC
172	NX4TT	N8OQ	RA0BA	SM7CZL	N5WA
EI1DG	VE1OP	N9ATF	RL3BZ	VA2LC	N8IL
JA1BON	VE2YG	PT2ADM	VK3TC	VU2MSA	NI5F
K5TA	W0OGH	PY2SEX	W2FS	W1OK	W1TO
KI6MQX	WA4USA	TF3VS	WB2WPM	W1XV	W9FF
LZ1XL	YO4AUL	WA0SXV	WB9PNU	W4PGM	YO8CRU
N3AO		WA5NFC	WC4X	W8MIL	ZS6RJ
N5PA	169		164	XE2YWH	159
N7GCO	AC0DQ	166	AC4BT	YO3DDZ	AA3AZ
SP5ES	DM3CW	AL7R	CT3DL		CT1ESO
W1ASB	JA1KXT	DL1SVA	DL7JRD	162	DD0VE
WB8QZM	JE1PHH	GM7NZI	EA3HDZ	4F1OZ	BH4IGO
YB4IR	K8ZZU	HL4XM	EI6IZ	DJ7JC	DS3EXX
	K9OT	JG3KMT	IZ0GVZ	EA2AGV	HS8KAY
171	KI2D	JR6GHN	K6CF	JR4CZM	N4BAF
AA5N	N4MI	K0FLY	K6GFJ	NP3CW	W4NBS
AD3C	N5MT	K0PX	KA1API	W8FN	
CT2GZE	RD3BD	K7CTV	KB7QFE		
DL5MM	SV1IZY	KM4HQE	KD8MQY		
F9CI	WA6QGH	KN4FO	KL7TS		
IZ0CKJ	WB8EKG	KR4BD	N2XQM		
JA3AVO		KW4J	N7WI		
JJ1BDX	168	SV2CLJ	NA2P	161	
JL1GYZ	A92IO	VA7DX	PT7DX	HL3ERJ	
JS6QOM	EW1P	W4PGC	S50B	JP7FSO	
K2TV	JA0PZJ	W6FL	SP7QHR	K1BZ	
K4NTO	JE4KCN	W8SAX	W6SIY	K2OP	
K4WY	JH1ORA	WA1ZIC	W9CSX	K4AR	
KB0V	JH3EQP	WA5NOM		KM4A	
KC5LK	K0PC	WB3JFS	163	N7QT	
KP4DKE	K0RAR	YO3AIS	4O3A	NA6XX	
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NA6O	LU8ADX	ZS6IR	AI4QQ	SM3PHM	
ON6MX	LX1CW		DS4NPL	W5BK	158
W0MU	N6MB	165	EA1AZ	W5RDW	9J2BS
WA4DOU	OE1ALW	AG6HE	F4CPF	W6DOE	G4SGX
WA5KBH	R4FAN	CU3HN	HA5BSW	W9GG	IK3DVY
	SV1XV	EI5JL	IK2ULM		JJ1KXB
170	VR2MY	HK3PJ	JA0MRW	160	K4HQB
DL2JIM	WA9IVH	HL1VAU	JA4GXS	E70T	K4SAF
EI5KO	WX0Z	IK0XIH	K0ABC	EA1WH	K8GWU
EI6AL		JE4WOK	K0CF	JA1ITJ	KB2XJ
JA1GVT	167	JF1KML	K4GN	JA1UOA	KC3AK
JG1GJH	JA8BOV	JR1KBJ			KF7NN

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N8TFD	DK3QM	KF9LI	VA3EJN	NZ0O	KB9AIT
OH3DP	F6KOP	KK4XL	VA3HP	RT0F	KM8AM
OH3PYY	G0THF	LA2IR	W3HER	TF3Y	N6FS
W0JMP	HB9GWJ	M0MCV	W5WLA	UA9MC	N6RK
W8LIG	IV3TDM	N0VVV	W6WA	W4MA	N9MR*
WB2RAJ	JA0EBV	OH3FVP	WA9JWL	WA1EHK	NJ1Q
WB9B	K2DF	SP5NON	WC2C	WF7T	SM3DXC
WB9ZNZ	K4EZY	W3DIY			TF4M
WT2P	K4WM	W8OM	150	148	WA2MUA
	KM2O	W8VK	DK3BK	4F3BZ	WA3SKQ
157	M0IFT	WB4SON	DK3FB	A71AM	WW8RT
7N3IJT	N1QY		DL9SAD	AE0MO	XE2B
AB2E	NH6L	152	HB9EBM	F5NNN	YB1BML
E20YLM	NK7Z	AC6BW	IT9ABN	IW5EIJ	ZS6UT
EI2JD	NO9E	AK9B	IZ2MHT	JF2AIJ	
GM4KHE	NU1T	BX5AA	JA1IHD	JR3PKO	145
JA0NZR	OE1HHB	DF2WF	JA6SUY	K5LY	5T5PA
JA1UBZ	UT7EC	DU1KT	JA7GZM	KA3GWD	AA5TL
JA3MHA	W5SV	G4AFJ	K5HK	KB8ZUN	AC7JM
JE3OUW	YB1AYO	IK5BSC	K9RT	LZ1MDU	AL7TC
JG1XBM		IZ0FUW	K9UWY	N0TK	DL1MEV
K0SRL	154	K2EK	KI7M	NJ6K	EA4S
KN7Y	AC8TO	K4RDU	KX5U	PY2CP	EA7LS
N0SL	AJ8B	KD2OV	N6JOJ	VE6TL	EI7GY
N4QM	DS5WQT	KE9S	N9IO	W4AFB	F1OBJ
N6VH	JA0GZZ	N8IK	NM4SH	W4AG	JH1CTV
N7JB	JA4HXF	N9GKE	ON6ZV	W9GM	K5FXB
N9AZZ	JA8ANQ	ON4LG	SM0BSO	W9MAK	KQ5M
N9MB	JE6PJP	R9JX	VU2NXM		KS0M
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W3HKK	JM1JZN	W6RFF	W4IDX	AB9KZ	NS4X
W4DTA	JR3QHQ	W7JET	W4NE	AI6P	W3DQS
	JR7ILA	YV4DYJ	WL7OU	G3VQO	W7NP
156	K5DXR		ZS1C	IS0/YO3RA	WR7Q
EA3HPX	KC1ERO	151		JJ0LZQ	
G4FTC	NE5W	AD5MD	149	JK1OTP	144
GM3WIL	W4CIR	DF1IR	7N2JZT	K3GGN	AD0TR
HB9HHH	W5TMC	DL4KUG	DS4DRE	K5UZ	DL6DCD
HB9MXY	W8TM	IK1UGX	ER0FEO	K8MRT	GM0VIT
JA1CCG	WA9MAG	J68HZ	JA0JPD	KB9LIE	K1TKL
JA2ODB	WN7J	JA2BUR	JN4FNZ	SV8RX	K7QBO
JA9RT		JI3BFC	JS6SCC	W3NRJ	K8OS
JH2AJY	153	K1QN	K2KIB		N5UE
JL3DGI	HB9BEM	K3GW	K2RET	146	RN0C
JM1LPN	JA3UOQ	K4DET	K4TXJ	AE5B	TF5B
K2HT	JH2NWP	K7LAY	K8WHA	HP3TA	UY2UZ
KA9OKH	JR7MAZ	K9AAA	K9EXY	JA3KWZ	W0AIH*
N5QZ	K0YL	KE4BKL	KD4EE	JE1COB	WB9W
N7RD	K3GO	KE8G	KM2E	K1IG	WX3P
W1MR	K4OY	KK4CLY	KP4DS	K6NR	

143	KE7BMG	JA1VRV	VE3FRR	N1AH	KI7HO
AA4MM	NZ6N	K2YSY	W0ANZ	N2TC	KK5ID
AF3X	SV2JU	K6CW	W4GH	N6XT	M3DFW
EA4D	VE3FAC	K9BO	W4PV	NC6RJ	N3TR
FM5DN	W1NA	KC9G	W7KKC	PA0QRB	N4EDT
HB9AAA	W3IZ	KF6A	W7SX	SM3WMU	N4QOG
JA1MOD	W5GOL	KL7NW		W1DAR	NN3V
JF2RSF	W6HDG	KU9S	135	W2KNG	ON6YH
K2OO	WK9U	N3PV	AB4FH	W4UAT	PY2OP
K6LPO		N9BVA	GM5YTT	WB1DX	SM7DXQ
K9BQL	140	OD5YA	HZ1GW	XE2AD	UW7UA
KE4FW	AD9DX	PV8ABC	JA1DCK		VU3WEW
KG6D	EI6JK	TA1PB	JA3MIO	133	W3KHZ
KJ2U	EI7JZ	V31CQ	JA7MWC	7J1ABD	W4MC
KJ4R	JG1RYQ	VE3MSC	JJ1HLL	DL8OH	W5FL
KN7K	JJ1OKK	W0UHL	JL2ULM	G4NBS	WA1HXX
LB2TG	K0UBR	W4DWS	K2WJ	GM1BSG	WA1KXV
N2YBB	K5GZR	W4EJG	K3HPA	HB0WR	ZS1EL
N4GBK	K6EV	WA5POK	K3WGR	HK4EB	
N4UP	K7VC		K4OP	JA5IBP	131
N7ZA	K7YMG	137	KC3RKW	JM1JIV	EI5GM
TG9AJR	LA8PDA	DL2RD	N7TW	K6ME	JH1IYY
W4JVN	LZ2HM	G3PSM	NX8Y	KC2STA	JK8VMB
W4UFO	N5JED	HL1MKT	S53MJ	KG6WIK	K0ARM
W7VS	VE3NJC	JH1SBE	W5IO	KI4TZ	K7GA
WY0V	W5VU	K2CDJ	W7QHE	KR4DA	KA5IAU
	W9BS	K2RKJ	WA7HR	LA9KY	KO4DKI
142	WB1ASL	K4AU	WB3AVD	N1BKB	N0AKC
AA4DD	WW6G	K6IRA	WB6FWS	NT9F	NG4DX
I4JEE	YB3MM	KP4N	WB9IWN	OH4KRN	NN6K
JA1PUK		N5RN	WO5I	OH7HM	VE3NKS
J11UHZ	139	N7VZ		VU2ABS	W5EC
K2CJ	F5VML	N9NFT	134	W1GY	
K3GT	HB9ARK	NI4Y	AB0RX	W1ITU	130
K9UO	HB9DTE	OE3JAG	AB1J	W3MF	AA4QE
KA6BIM	HL4CBX	SM5CSS	DL4ZAB	W6OUL	DL1SWN
LA1J	K0QB	SP3EPG	EA6AZ	W9SE	JA2LMY
W8WV	K9TRV	TA1AL	IZ8DEO	WB1S	JF2OHQ
	KX4I	W2GGY	JA5SEY	YO3GJC	JH3PRR
141	N0CKC	W4UEF	JA6GXP		JL4BSE
7K3QPL	N2SG	W9MR	JR0GXA	132	K2MHE
9H1AE	N7NF	WA0WOF	JR1HYA	AA4FU	KB3IFH
EA1T	N7UJJ	WA5YOM	K3KY	AK3E	KD2NF
EI3ISB	R9MJ	WG0G	K7FL	AK6I	KI0HA
HB9EXQ	ZL3TE	WS1F	K7RAN	I8NLC	KN4JX
IZ3XEF			K7YZO	IK8OZV	N2YF
K2JK	138	136	K9JDP	IZ0COI	N5JEY
K4RM	AC5AA	DM5JBN	K9SUH	JA9KRO	N7TM
K5VG	DL5KUT	G0OSK	KA9JCP	K4BNF	N8BK
K8RCT	DL5ZB	IS0EBO	KD2SC	K5SES	NS4F
K9AAN	G0FWX	NT5EE	KF5WCP	KB8KIM	OZ6TL
KA5SYP	JA0CVC	ON5GF	KN4OK	KD3UY	PU4MMZ
KA5VFU	JA1PVX	ON5RKN	LB5GI	KG8OU	W1MO

W9CTJ	WP4CQ	K5KDX	IZ1UKF	WU7X	OZ6EI
WB8RFB	WQ1H	K7PO	IZ5BYJ	YB9WZJ	TA1L
YB2IQ	ZS6AKU	K8GT	J11DMH	ZS6NK	UA0FDX
YO8PS		K9QA	K0MD		W2ARP
129	127	KC5RR	K3SUI	122	W3/NH7C
AD6KQ	7Z1HL	KC9WPS	K6VVK	AA0BH	W3JXP
AE7U	AG4TO	KK4CB	K7HC	AA5B	W4CC
DS4EJA	DJ5DT	KM4CQG	KB8DID	AB5YI	W4KCM
JA0AVS	DL9GTB	KS4WA	KC2NJ	DB4RG	W5UQ
JA1PLT	EA3NG	N5HC	KC4AA	G0HSA	W7PC
JA2ACI	EA4TX	N8YQX	KD9ZR	HC1HN	W9MB
JA3WMS	G8BCG	N9XG	KK4TKJ	JA9ALR	WA7HQD
JH1RFM	HB9TJG	VE3TMG	KV8P	K0HQW	WB7BBQ
JM1CMA	HK6K	VK2DAG	N0YO	K1AJ	WQ8T
JN1SUT	I2YPY	VR2VGM	N4LSJ	K3DQB	WT3Q
K7ORK	JA0BES	W8VI	N5VBK	K4VAC	WU9D
KB4KBS	JE2VYM	W9COS	NT4K	K9KJ	
KN4WOJ	JG1LRE	XE3E	W0DD	KB4ET	120
N9AVC	JG5DHX		W2FDM	KN9N	AA2T
PY3OG	JH1HRJ	125	W6ELI	N1ZZ	AC4TO
SM2YIP	J11MNT	AC4XO	W6ND	N4GRC	AE5LK
VK5CE	JR1LZK	EI8GS	W8PAT	N9ATD	AI2S
W7TG	K2GW	G4EHT	WW5L	UT9LC	CT7ABD
XE1ILI	K7LFY	IK8PGE	ZL3REX	W1ES	CU2CE
	KF3N	IZ8EYN		W1HEO	DS3DNT
	KS8W	JH8FIH	123	W1KKG	DS5QLJ
128	LA2LI	JP1GVC	AB9BH	W5HNC	F5AQB
A71XX	N0AB	K5NOF	AE5FM	W6HB	IK8IPL
EA1AHA	N0DL	K9ARZ	AI5EG	WF5I	IT9JPS
EI3IO	N1BZ	KK5J	DJ6OZ	XE2MX	JA1DCO
F4GTB	N3GTG	KK7BR	DS4DBF		JH5OTE
HL2DBP	NA1RL	NA7RH	G6NHU	121	JJ1XVA
JA6NQT	ON5EQ	NN6CH	IK0XKP	AB4BJ	K3QB
JH1AWJ	VE3EDY	SM5AFU	IZ8LMA	AK0A	K9CHP
K6OJ	VU2TMP	TF3MH	JA1GLE	DL7UGO	KJ6Y
K7PTC	W0MF	W0XE	JA2HOL	HA2EQD	LU3XX
K9YKL	W3KN	W4AO	JH1RVQ	IK6BMU	N0TR
KC2WUF	W4BH	W5CWQ	JL3RNZ	IZ0FYW	N1TQP
KD5R	WA2BOT	W6PG	K2JGL	JA1CPN	N3DV
KG2U	WB2KSP	W7FI	KC2THY	JA1EYN	N3GS
N0JR	WB9TFH	WA1LAD	KD0KZE	JA1WTO	N4UFP
N5EI		WA4TMJ	KG4OJT	JE2DOD	NJ8G
NR0Q	126	WM4AA	LA2XNA	J15WDC	NR2D
R3BB	CU7AJ	WR2G	LX2SM	K1LTJ	PP2FN
UR9IDX	DS3EXT		N6DVR	K3CWF	VE3QAA
W0QD	EI4HH	124	N9RE	K9MQ	VR2ZXP
W5MF	IK4TVP	AA5H	OH3TY	KK4ODQ	VU3RGB
W6IS	IU8GNY	AF8C	PY2ADR	KU2A	W1RG
W8BI	IW7EDZ	DJ3EJ	SV7CUD	N3ER	W5RYA
W9EBO	JA5CDL	EC4KW	VE3VHH	N5ZY	W6GJB
W9TO	JA5XPD	EI8IQ	W2WGK	NA2R	WT5L
WA4UWD	JH4GXE	G4RGK	W4UT	NA4MM	YB0AZ
WC4V	K2GLS	IT9YOZ	WB8TGY	NY4G	

119	K0FF	IW2FLB	113	JH0LME	XE1ZTW
DL2VWR	K4AEH	JA0NPQ	AB1NS	K0XM	110
F5BAR	K9LCR	JH8LEY	DL2DCX	K4HEB	AC0B
HL2MHU	KB2S	JJ2VLY	EA5DPL	K4ZMV	AG5Z
JA6JYM	KB5CSQ	K5TU	EI2FG	K4ZRJ	CT7ANG
K7LOL	KO4PY	K8CR	F5EOT	K8CJY	DK4MX
K8EB	KP4ED	KB4CRT	F8GB	K9KDS	EA1BLA
LU9DO	KZ1X	KB7V	G0UII	KH6P	EI9HX
N1GNB	N8AGU	KG4URP	G4NAQ	KY6AA	G4VWI
N8LCU	VE7NY	KV7N	G4YCS	N0OK	G6MXL
ON8PHD	W3LWH	MM1PTT	HB9GZE	N2SO	HB9BEP
SV1BYI	W4ARK	N7PIB	JA2CPD	N8AID	HG6IA
SV2KF	W4PG	NE1RD	JA4CSJ	NQ4A	IZ1EPM
VK7AP	WB9WHQ	NG0G	JF1AZQ	NZ7Q	JF3KOA
W1ZK	YO6HOY	NW6V	JH1GNU	S51DV	JH1FRW
W3MRL	116	OE5MPL	K1JKR	W1USN	JR2PAU
W6ZPL	6K2ILX	SP5BMU	K2KNB	W3WN	JR4DHK
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ZL2AO	EA5GXI	W3UNX	K4JLD	W5GCX	K4KAL
118	EI4BZ	W4OV	K4TR	WB2UFF	K4RP
6K5AQY	G8GHD	W5WS	K5WRE	WD8LTM	K6DJ
AC9GK	IZ2CSX	WB4MM	K7BWC	WF4W	K6SLO
AE1T	JA2KPW	WJ5K	K7MO	WJ1B	K9TVG
AJ6X	JT1CO	WS4H	K9DUR	WN1M	KF8PD
DJ9KM	K4LCP	114	KA5OWI	ZL3PAH	KV3W
IZ0RPS	K8JRK	F6FHZ	KB1OIQ	111	N1TQ
IZ1JIZ	K8MN	G3CWW	KB2TGU	AD7XG	N3YZ
JA6CMQ	K9GWH	HC1HC	KC0V	AJ6V	OE6BME
JH3LCU	KC1RET	I0BJV	LU3JVO	AK4N	TF8GX
K9KJS	KD5RBU	JA1CCH	M0NGN	EI9CN	W1ZZ
KA9JAC	N0ATQ	JA1CPU	N6DW	F8DZY	W5JE
KB3KJ	N0UCR	JA8EIA	NA9L	G4ZWY	W6TCP
KD9BIE	N1GFV	JG4OOU	S52R	HB9ECS	W7YED
KG5VK	N2ZL	JM3XZC	SV2DSJ	JA4DLF	W8TE
KX6C	N4KEB	K1RE	VA3AYA	JA5EEU	W9GFB
LZ1XZ	OE6CLD	K2IRM	VK7ZE	JE1TNL	YB1SKR
N3HYB	RW6MBC	K3PL	W1FC	K2KYH	YO5QAW
N8KUS	SM1NJC	KB1W	W3JM	K5NV*	ZS5LEE
VR2CC	VR2IL	KI8AE	W6BBS	K8ZEE	109
WA7ZXD	VY2RU	N3DD	W7CD	K9JIG	AA4RX
WA8RCK	W1HQ	NA1DX	WB9YJE	KI2Y	AC8AZ
WB5TOI	W7WES	NG8T	112	KM5VI	AF3K
ZS2I	W9LU	NK5K	3C3CA	N4NYY	DL9QJ
117	WA4VJK	W0QKL	7Z1CQ	NT5O	F5DBT
AD7L	WW5RC	W2ZK	G0DTX	PT7CB	F8DHE
CE3FZ	115	W8LR	G3YFE	TA1UT	G0MMI
F8EZE	AA9WO	WD0AJG	GM0SCA	TA2RC	JA5GOJ
IS0BZR	AF7WM	WN0L	IK4EWN	TA7AZC	JA9IWR
IZ7QFN	E74A	WT9U	IS0BQE	W7WT	JH4GNE
JA9KA	HB9MZI	XE1EE	JA4RED	W8PE	J11ZS
JM3GXU	HL4RBR	YB2BNN	JA8WGX	WB8PKK	K0FD
		ZS4JAN	JF3AHI	WU4B	

K4AEN	KJ4SKO	WB2BXO	W7GB	AA2WC	EI9GLB
K6JAD	KO4XI	WB2MKX	WA3IIA	AA6XV	FM4LV
KA4AHU	KW1X	WC2L	WA8Y	CT3DZ	HB0RER
KB7DT	LU2AH	WM4W	WV4E	EA4EJP	JA7HYE
M0AQM	N2IFA	WS7I	ZL3RIK	EI3HA	JF1KIG
N4LS	N5FPW	WU1U		EI4GNB	J11FXS
N4WD	N5TW	ZP6CW	105	F6ARS	JP1KHY
N6RVI	N7TP		AA2F	FM5FJ	K0OOK
NN8L	TF1A	106	AI1W	G0DRM	K1FBI
NW6R	VE7VV	AB6WQ	AP2IA	GW0ANA	K2RNY
NX1P	W4DVG	AC7DX	DL9GTK	HA5DI	K3PIN
NZ3M	W6CN	AC8IL	E29TGW	HB9BMY	K3TXW
PF7M	W7SMW	DS2GOO	EI6GF	JA1CC	K4NI
PV8AJ	WB5ZAM	DS5MNO	G3LOJ	JA1DHY	K4PWS
PV8DX	WC4B	EA3AGY	HL4GHT	JA1RBY	K4SAW
SP7ASZ		EW4DX	JA1JYS	JH1MYJ	K6XJ
T88UW	107	F5VIF	JA1SZN	J14HKA	K7HV
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W5SG	DK2GP	G3LPS	JK1AKA	K2CQW	KQ6K
W7CB	DS4OMS	G4FVZ	K0MB	K4WW	M0UPL
W7VP	E73D	HI7SB	K1EO	K5JUC	N1MIE
W9JJ	EA2BFM	IZ4IRO	K1ETA	K7UW	NB3R
WA6URY	EI5GSB	JA3AOP	K5WE	K8WVA	NI5G
	IC8XIL	JA3FRI	K6GCN	KE4YOG	RX3BP
108	JA3MAT	JF7NNI	K7CMZ	N1FOJ	VE7XT
7M4CLF	JE1CTA	JJ1IRS	K8FB	N3PW	W0PPA
AC8MR	K0FJ	K6VWE	KJ8N	N4PAJ	W2SUB
AC9DX	K2FJ	KA9TOX	KK4MA	N4ZR	W4CU
DB9CR	K2ZD	KI0KN	KR0P	N8TEM	W7KHZ
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DL2AMD	K6DLB	KM8V	LA9JKA	NA8W	W8EH
DL2NAI	K7UWR	KR4U	LZ1JZ	OM6CI	WA8KNE
DM5TI	KA4LBD	KT5V	N2YU	OZ9U	WC9C
DU1IVT	KB0EL	M0PCB	N9APK	PY2YW	YB1ALL
E70X	KF2G	N4DJT	N9IXD	RV4LC	ZL1IM
EA5XV	KF6XA	N6UOZ	NC1M	VE3ZN	
G5CL	KJ4FZ	N7MW	NC7M	VK3MB	102
IK1RKN	LU5OM	N8OYY	NK7L	W0VU	4X1VF
JA2DCN	N0MHL	N9ZJ	OH6IH	W9GXR	5H8HZ
JA2KGQ	N1UZ	NG4C	PV8RR	WB4HMA	5W1SA
JH1OVY	NI8Z	NI7F	VU2DED	WB7QXU	AC0XY
JR4NUN	OV2B	NS7K	W1PY	WF8Z	DB2WD
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K3XO	RM6LW	PY2OC	WD4OHD	YB1BUL	IC8SQS
K4GHS	SV3EXP	UA0ABB	WK3A	YO6HSU	IZ7QSS
K8LBT	TA1CQ	VE3BHZ	WZ9B	ZS6HON	JH1IHG
KC8YG	UX5XK	VE3XK	YU1LD		K1MDA
KE3ZT	V31MD	VU2MB	YV4EH	103	K2DH
KE7AUB	VA2GA	W0TLX		AF8P	K2DW
KI4SFT	W5HY	W4/KL7GLL	104	DS5JMG	K4HR
KJ2AM	W8JA	W6KF	7N4OBV	EA2RY	K6BLG

K6JAV	JA5JUG	A71EM	KB6IGK	W5PD
KA8HDE	JK3NSD	AA7UN	KC5N	W5YKU
KB1AWM	K0GEO	AC0DH	KD1DT	W6OZI
KE9V	K3AXB	AD4J	KE1IU	W9KM
KO3F	K3LA	AE4VJ	KE8NOA	W9ZT
N2CJN	K5HX	AK1P	KF5MDZ	WA2ALY
N2FY	K8PGJ	AK4AO	KF5TL	WA2VJL
N4IR	K9GL	DB6VH	KF9EX	WA3UTC
N8KOJ	KB5YN	DC1TK	KG4IYS	WA3YZD
NA4D	KC3OPI	DK1MCS	KI0G	WB0RXQ
NN5O	KC4ZA	DK7GH	KI3O	WB2ZEX
R9GM	KD2RUY	DL3ANK	KI4PG	WB6RAB
S51MA	KE9UA	DL5JH	KK6MF	WB6RJH
SM0XG	KJ5RC	DS4GQR	KL2R	WD1M
US8ZAL	KU4A	EA5PS	KL7XO	WD4GZW
VK2GR	LA3ANA	EI2HZB	KR4Q	WI0E
W1GF	M0PTZ	EI4DQ	LA4EI	WK7W
W1MRH	M5LRO	EI4GJB	M1EMC	WM4D
W4GHW	N3CAL	EW4A	N0JX	WM9Q
W7FS	N4PF	F5JWH	N0KM	WU1T
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W7IMU	NJ2X	G8GFF	N1KI	YE1AR
W9GWP	NZ1I	G8GNI	N3NVA	ZS6CR
WB4PWZ	OZ5JQ	GW0KRL	N4GOA	
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WD6T	R2ARR	JA7PKV	N5LJL	
WD9IOK	RZ6MJ	JE7KCI	N5LKE	
WN9A	SV2BXA	JG0HEW	N7WFK	
XE1SAX	SV4FFL	JG3LDD	N7WR	
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YB9AY	UA4PK	JN1RFY	N8URE	
YO6BHN	VK4BUI	JR4VEV	N9MKC	
ZS2ACP	VU2OT	K1HC	ND0B	
	W0ZX	K1JX	NE3K	
101	W2FDJ	K1PTF	NX6D	
AA9D	W2GHD	K2UF	OM2AGN	
AB2NI	W2PD	K2UT	OR4K	
AB4EJ	W3RMS	K3NO	OZ1GCT	
AB8YZ	W3SW	K3RRR	OZ9GA	
C31MF	W4PM	K3WSU	PY5VC	
DD8BA	W6OU	K4GM	R2AB	
DD9WG	WB5KSD	K4KYN	SP2LLP	
DL3XAC	WD4IXD	K4QS	UR8IDX	
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G3VDB	WX7B	K5PSN	VE3KKB	
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G4PUQ	YO2OXD	K5YE	VU2OY	
HB9PUE		K7VL	W0RMS	
IK2HLM	100	K9EA	W2MW	
JA1KZP	2E0XAR	KA1CTL	W4CG	
JA1QEY	9M8DEN	KA2F	W4DFU	
JA5ALE	A41ZZ	KA4H	W4YR	