

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 23 Jun 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	K4XP K8SIX 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 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 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 F6BKI HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYY K9CT KD5M N4JF N8JV N9IW NR1R OK1MP*
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX		336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T VE3XN W0MHK			
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE				
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX 338 G4BWP	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB	333 DJ8NK F6AOJ G4OBK		

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

WA7NB	W9RN	ZS1LS	DK2JX	304	CU2AP
	ZS6EZ		F2JD	DJ9ON	HP2AT
314	312	309	G0BLB	DK5AD	IZ1LBG
AC4G	F3SG	AA5AM	HB9TKS	HB9CEX	JA0DIN
CT1DKS	JA1SYY	JA1EOD	I5HOR	JA2NDQ	JA1LSP
DL6CNG	JA1XCZ	JA1VSL	JA2XW	JE1DXC	JE1LFX
EA1N	JA7QVI	K1AR	JA3GN	K8GI	JG8FWH
EA6VQ	JH1AGU	K8QM	JA6WJL	KC7V	JK1GOK
G3NDC	JH1QAX	K9ZO	JJ3HGJ	N7US	K4SE
HA1RB	JR1BAS	NN4SS	K2SHZ	N9RS	MM0EAX
IZ8FFA	JR6FC	NU8Z	K3RA	UY5AA	PY7DJ
JA2AH	K1HT	R9TO	K9RX	ZL3JT	RN3QN
JA2ZL	N1IBM	RU3DX	NI6T		SV2AEL
JA5XAE	N5ORT	RX3AGD	W7DO	303	WB5JID
JR4OZR	RU3QR	SM2OAN	W7OM	E72U	
JR9LKE	SV1CNS	UA4LY	WA5VGI	EA3GHZ	300
K2LS	W7CT	W2JU		G3LZQ	9K2OD
K5AQ	W8HW	308	306	HL3IUA	AC0A
KB0EO	WB8BPU	DL2CHN	DL1KUR	HL4CJG	DL1TRK
KC9ARR		F4BKV	DL5EBE	IK2RPE	DL4CF
LA7AFA	311	HK4SAN	HB9DDZ	IK4ADE	EA1AF
MD0CCE	CT1FMX	IU7QBB	IK4PLW	JK1EXO	EI2GLB
OE1AZS	IK0PEA	JA1IZZ	JE2LPC	K7WP	IZ5RVG
OE1ZL	IZ2AMW	JA2WYN	JR2UBS	K7ZA	JA1SVP
SM4DDE	JA2XYO	JA7IC	K5WAF	K9MK	JA9AA
SV1DPI	JA4MRL	JA9TWN	KD3CQ	K9US	K3XA
SV1JG	KM4H	JG4AKL	N4TL	KB1JZU	K8GG
UA6MF	OE3SGU	JH1SJN	OE5RLM	LA3WAA	K8TL
UT9FJ	OZ4O	JL1RUC	R8TX	RL3FA	K8VFX
UX0FF	PY2XU	K0GY	R9FM	RW4NN	PA3CSR
YU3AA	UR0MC	K0KVR	UN7JX	SM6CUK	UR5EDX
	WB9CIF	K2UU	US5WE	SP2BMX	W3OA
313	WD0DAN	K8OM	WE9R	SP3IBS	W3RJW
5B4MF	WD9DZV	KI0KB		SP7HOV	W5VY
CT1GFK		KN5O	305	SP7ITB	W6TC
I3BUI	310	KS1J	DJ4XA	W1SKU	W9AJ
JA1GRM	HB9SLO	N8TR	JA1IOA	WT8C	
JA5IU	JA0CRI	NQ1K	JA2VQF		299
JA6VQA	JF8QNF	R7NW	JA7BWT	302	4X6ZK
JA7JWF	K0KX	SP9JZU	JA9GPG	DJ5JH	DM2DXA
JF2UPM	K5XI	VA5DX	JE6TSP	F5CQ	EW2A
JG3LGD	K6RO	VU2NKS	JH7RXU	HB9DDO	G3SVD
JH1NYM	K8AC	W1YM	K0JUH	HL2IFR	HB9RG
JR1BLX	K8FL	W2QO	KG4W	I1EIS	IK5RUN
JS3CTQ	LA9AJA	W5ADD	N9AU*	IW1ARB	IZ4MJP
K4SO	NS6C	W6ENZ	PA5TT	R5DT	K6SIK
K6KLY	RA0FF	W9MU	RA9CMO	RK4FD	KB8VAO
LA7JO	RL9F	WA8WV	SM3NXS	W0VX	N9FN
LB8DC	SP6HEQ	YS1RR	UT2UB	W4QN	UA9FAR
N2NL	W0YG		W5AJ	WD4LBR	UN6T
N8KOL	W4BP	307	W5XC		VE3BW
NN4R	WB0TEV	A65BR	YB1UUN	301	WA9PIE
SP3CGK				AE5E	

298 5B4AHJ DL7BA G5LP HB9BOI IW0HQE JA1WSK JA4ITW JA5BEN JL2JVX JR7WFC K2PK K8EUR ND0N PY2VA ZL1BYZ	295 DL1DUO EC3A IW0SAF JA1BPA JG0CQK JH4ALY JM1FHL JN1RQV K0TPP K1GG K4XD K5VIP K5ZK N7TY NA5C RM0F SM5FUG SP8HKT SV1GYG VU2PTT W5LT W6XK W7AL	JA2CXF JH0BQX JK1TCV K3FRK K4JAF KD0Q N2LM N4RWG PY2IQ S55DX W7ZJ WA4FFW	290 AA4A AJ9C I4KDJ JA1KQX JA1QXC JE2DZC JE2EHP KD0PO LA2QM LA5LJA LU3CQ PP1CZ SK3PY SV3AQR UN7LZ UN7TW W1EQ W2LK WB9EEE	ZS2EZ 287 9M6YBG AA8LL AA8R IV3GOW IW1QN JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	IZ8DFO JA0PE JA2IYJ JA2VMU K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E
297 E73Y HB9CQK JA3RQ JE7JDL JE8CLT K4MS K6ND K8WK K9SM KG7H KT1J W6YI	294 AI9L CT1FCX EA6NB HA5VZ HA9PP JA1FQI JA5SUD JE1GWO JJ1DWT JR1DUP K0BBC K7ZV KZ4V N0KV OE5BWN RU6L SV3DCX W3JX YO2CMI	292 DL5CW E72A EA5AT G4GIR G8DX HB9BAT IZ3ETU IZ8VYU JA3EOP K5DHY K7ZD LU4FPZ N8II R6AF SP5IWA W4VIC W6SR XE2CQ	289 4Z4DX AJ6T DL9TJ EA6ET JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX	286 AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS LU8EKC N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI	K9NW N4LR OE2GEN SM0CCM SM6CTQ W1OPD W2AY W4FQT W5ODD W8BBQ W9MJ
296 AA4R AA8OY AD6W CT1DOF EV1R GM0AXY JA1JAT JA7LGE K3PA K6FW K8VC LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W2GG W9JA WA3AFS YO2RR	293 DL1HRN DL1SMA EA3WD IK0HFO IV3YYK IZ8FWN	291 G0EHO IT9CVO JA3ENN JA9FAI JH1BAM K4ZO KP2A LA5HE N2TN N7IR N7RO VE3CFK W7BEM W8TN W9FR ZL4TT ZS2DL	288 IZ0RVI JA2JRG K1DG LZ2JE N5LZ N6UK ON6AA PY2KP UA3AGW W1YIF W2LE W2NO W3FOX	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH	283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW W6BJH
					282 K1DT K1USA K5UO K8ROX N6TA OH4UI PC3T RD3AW

SM4CTI	WO7R	W1YRC	DS5ACV	K9MBQ	266
UA0BA		W1ZT	F5PBM	N4QQ	EI8IU
W4OX	278	W2OIB	I5OYY	OE3HWC	IK0UTM
XE1KK	9A4T	W4MAY	IK5PWN	PU2POP	IW7DVM
	EA8RR	W5GO	JF1LMB	VE6LB	JA3BXF
281	EI9JF		JH1OBS		K8AJS
AD5Q	F2NH	275	K1UU	269	PZ5RA
BA4RF	JA8LRG	CT1FPQ	K6IPM	IK7FPV	RA4CA
EA5OX	K2UR	JE1BMJ	K7EG	IK8EPC	SV1HEP
F3AT	N4HB	JG1OGM	K8BL	JA1OVF	W0FLS
I1FQH	N9ISN	N2JJ	KA1ERL	JA1VLK	W7YAQ
IZ8FDH	SM0NJO	N7KA	KI4GE	JH3FHQ	W8MET
K0GD	SM4AZQ	ON5UE	N2DPF	JP1NWZ	WB2GAI
N2WB	VE3CRG	PA7RA	N4JQQ	K0KT	WB3LHD
N5GH	W8MHW		N6PSE	N4UOZ	
OZ1IKY	W9HBH	274	N9RD	N6RV	265
SM5ENX	WF2S	EW1KP	NV9L	NW7E	4F2KWT
W0LS	WT4Q	IW0HOU	OE5FIN	OM4EX	G3WPH
W8KEN		JA8ZO	PA0ZH	SM5FWW	JA4FM
WN6W	277	JH1IAQ	SV1ACK	WA0RVK	JH1ACA
	EU1KY	K3PT	W2OO	YB1AR	JR1WCT
280	F5UJK	K6UM	W3ACO		K2CBI
CT1EAV	JA8DNV	KA8SYV	W3AP	268	N5KM
GM3PPE	JA8EOT	KA8ZPE	WA1S	7M4AOE	N9JV
IZ3ENH	JH3KAI	KS3F	WL7E	HB9BUN	NU1B
JA3XNH	JK1UNZ	RA5BM	ZS1A	HB9IQB	W6RS
JA6TMU	K2AJY	SV9AHZ		JA1NWD	
JA9NLE	K8UT	UA3ECJ	271	JA6GPR	264
JF1NZW	UW2ZM	W7MEM	4X1RU	JH4HMG	4Z1UF
JH1BNC	W1KSZ		HL4GAV	K2KA	EA1KP
JH1HHC	W2PP	273	IK2DZN	K6BV	F6DBX
JR6LLN	W3BW	AB4SF	IZ8EJB	KD4W	HB9DHG
JR7FRW	W8RLS	CT1BWU	JH1OCC	N2AJ	IZ0NRG
K4WNW	WA3C	DH2PC	JM1HJG	N5JB	JA1IAZ
PY2DS		EI6FR	K3PU	SM6BGG	JA7HRM
SM5CZK	276	IZ4DPV	KB1EFS	W2FV	JR4LNG
UT7UV	AA6AA	JA1KPH	LB2TB	W9OO	K0DD
VK3HJ	DK3WW	JA2TBS	NN4X	WA1YTW	K1CA
W8HC	HB9LCW	JA6BEE	UA3TT	XE1MEX	N1EN
W8LGJ	HK1MW	JH3GCN	W1MK		N1GC
ZS4TX	IZ5BAM	JJ3CJP	WA0MHJ	267	PA7TWO
	JA2XCR	JM2RUV		IV3VBM	SV1CQN
279	JA7FWR	N4IG	270	JA2QXP	VE3YF
JE8TGI	JA7LMZ	NA5DX	7K1PTT	JA7BEW	VE6AX
JF2XGF	LA0FA	OZ1ACB	AA4FL	JA8UIV	W5PF
JH7BKN	LA9VFA	OZ1LCG	BA4MY	JJ1TKN	W6TMD
JO4CFV	N5MOA	OZ4VW	CT3MD	K4RG	
KF2DT	ND4X	RW7M	DK8MCT	K5VWW	263
KQ4AV	NK0S	W4HG	EA1KY	K7XB	DK4TP
OH1ZK	OH1JP	W8QZA/QRP	F9XL	KI5BLU	EA3CJ
VE3DZ	ON4CAS		K0BJ	N3VA	EA4DL
W4UCK	RX4HZ	272	K7UA	SM5BMB	HA7UW
WB2BIN	SM5CLE	AF9H	K9JF		JA7XBG

JR8AMF	260	ZL2IFB	N1RK	WV6E	KM6HB
K1KO	AA9A		N5BO	WV9L	N0RN
K4KAY	EA8MT	257	VR2XMT		N3KN
K8FH	EA9IE	AF4HX	VU2CPL	251	NH6T/W4
K9FN	EC1AIJ	DJ0UT		9A4W	OZ5NJ
KN6KI	F6HLC	DL9FCY	254	DL2RTL	SM4OLL
N1RR	FG5FR	EA1JO	BA7IO	JA1DDZ	UN3GX
N7BT	JA2FBC	EA7SG	CT1BWW	JA1SKE	VE3YV
NF1G	JA3VPA	EB3CW	IZ5YHD	JA5BGA	W0RX
SM7IUN	JA3WLN	IK2PZC	JF2WXS	K4VIG	W8IQ
W0GG	JH3FUK	K1SM	JH1VUO	K8CW	W9RC
WA4LOX	JH4ADK	N1API	JH2VVH	KG9Z	XE2D
ZS6NJ	JJ2WOC	N6HC	K0GW	KJ7TEA	
	K1ESE	PY2MC	K3SEW	N4SC	248
262	K6EME	RU1AB	KI1U	N5UL	AK5X
CU3EJ	K8YSE	SV1VS	LA5YJ	NV4B	EA4DEI
I5REA	LY1G	W0JM	NE8P	W2JLK	G3VPW
JA8BAR	N6MZ	W3FI	UA3O	W3ABT	HB9DOT
K2SN	NT5V	W5DM		W4SK	HL2KV
K8AV	SK7AX	W8MJ	253	W5GAI	JA1PBV
LA6UL	SV1FJP	WV4TN	AC9O	W6DE	JE2VLG
LA9FFA	TG9NX		FG4NO		JJ1SKG
LA9GX	W2XI	256	JA6IVR	250	KF9UG
N3RC	WA5LFD	BH4QYX	JA8XQI	6K5YIA	N4XP
N8OC	WV8DX	EC1A	K1FEV	EA1RT	N6KZ
NK4L		FG8OJ	K6MKF	HA7TM	SV1IW
NX0I	259	GU0SUP	K8DV	HB9EFK	W2TB
SP6JIU	CT3KN	IK4HPU	KE1F	HI8R	W8IW
W5ZG	DJ8NT	JA0KJE	N7XR	JH6PFY	W8OP
W6NWS	EA3EQT	JF2VAX	UA0FO	JL1MWI	
W7LGG	EW1BA	JH1RGG	W2/CT1GIF	JR0EQQ	247
W7QDM	JA8BNP	JM1GHT	W6RW	JR5JAQ	CT1FUH
W9PZT	JE2RDO	K4JJW	WF4U	K9YC	JJ1BMB
WA3GFM	K2UFM	K6EID	YB0COU	K9ZM	K1PL
WB8ART	NI3P	K8RRT		KQ3F	K3VAT
WQ6Q	PY5CC	M0TTB	252	OH2IS	KH6M
YB2DX	W1KDA	N1SV	DL7UPN	PA0JSE	N4QWZ
	W7AH	NA5Q	F1ICS	PY2FN	N7DED
	WS9V	VK3NX	G3KWK	UN3G	NA9RB
261		W8JRK	G3NKC	W7HPW	PY5IP
DK3PZ	258	WB7B	JA1BNW	W7IU	S51NM
G3UAS	CU3EQ		JA4HAW	YL2KF	W7IB
IZ8IEV	DK7YY	255	JE1HRC		W9JJB
JA3FHL	HL3AMO	AI6Z	JF3PNQ	249	WS5W
JA4VLK	IK4AUY	EA5RD	JH4CBM	AF5CC	
K2FW	JA9AGN	F6ECI	JL1BYZ	HL2CFY	246
K7LJ	K0TT	HC1BI	K1EFI	IZ8GGF	AA7G
KM1D	KH2L	HL3DE	K5FZ	JA1EMQ	GW4TSG
LA5SJA	SA0AQT	IV3TMM	KB9DAK	JA8FFM	HL2EIZ
OM8FR	US0YA	JA1VRU	W2GW	JH1APK	IV3KFB
SM7CQY	W1SSN	JK1OPL	W2ZI	JH8GEU	JE1VTZ
ZS6WB	W5JAY	JR3UIC	W7CA	K9NR	JK1WSH
	W9EWZ	KR4F	WA4JQS	KF7F	JR7GBL

KB6CIO	JR1MLU	I0JBL	WB8B	JH5HDA	231
N6PM	K3NQ	IZ1JMN	WB8ZRL	JK1BSM	AD5WB
W1KMA	K4PB	IZ2FOS	YO3JF	JR1VAY	DK6OR
W3ICM	K7FEL	JA6CBG		JR4LZX	HL2ZN
W5ZO	KJ7M	JA7KE	236	K4MF	IK1IYU
	N2NS	JA9NFO	HB9DQV	KE5FXE	JA1MZL
245	N6HY	JE2UFF	HB9ZS	KE8UM	JH0AWC
AJ8MH	PA3BWD	JH1DGJ	JA1HOM	KX2A	K2RU
G3KMQ	RC2A	K1XV	JA1JYE	ND4V	K4YJ
HA5PT	VK3BDX	K2XF	JA3KNN	W3WST	K5IB
JA3QOS	W8CZN	K4QE	JH1UBK	WA5UA	KD6UO
JJ6DGP	W8GNM	K8YYY	JN1NOP		LZ2XF
K3EA	WB8K	N8SHZ	K1ACL	233	N8HRZ
KF7PG	WC3W	NF4A	KM3J	AA9GR	NA4EA
N0AH		OE3KLU	KS4S	AA9RR	SM7NDX
N2NW	241	OH7TV	N4GN	AJ4A	VU2DCC
NZ3O	AB5C	WA6JA	N6IE	DH0GSU	W4UDH
S55ZZ	IS0AFM	WB4KTF	OE2BZL	DS3HWS	
YB0NFL	JF6XQJ		OZ7FOC	EA5AR	230
	JP1IOF	238	PA0TCA	JA0KJD	G3LUW
244	K3WWT	G8AJM	VU2CDP	JA3NHL	JA5NPV
IK8UHA	K7KB	HB9MFM	W0HBH	JH1SOD	JA6AVT
JA1CZI	KV1E	JA0LXP	W2YR	K8BN	J11VVB
J16IHG	N4OA	JE1PNX	W4GIW	K8EAB	K2SY
JJ1QUV	N9SF	JF0JYR	W6DR	N9BX	N9PGG
K0KG	W5DNT	K9GA	WA1PMA	NE3F	SV8CKM
K1KA	W5QM	K9OR	WY6N	SM0XBI	W2KA
K1YR	WA8MCD	KA4RRU	YB2TX	W2NRA	W8FIB
KK1W		M0CSD		W6YOO	W8WVM
SP6A	240	N4PJ	235	WB2KSK	W9YE
W0QQ	7K1CPT	N5ZC	EA7QW	WD8PKF	WB2NPY
W4REX	E21EIC	N9UA	EI2HY	WE4S	
W5PJR	G7SSE	W4KA	EU1U		229
W9FI	IW3GJF	WA4QMQ	JE1IBI	232	AA3LX
WA2USA	JA1DM	WB0TVY	K0EOO	AC9EM	AE0P
WA3F	JA2FSM	ZL4AS	K0VSH	EW4C	AH0U
	JN1NBU		K5CWR	G3XLF	DL8SDC
243	K9JU	237	K8ZM	HB9DVO	IK2GAJ
DS5TOS	KF0LA	CT1BOY	N2FF	JH0OXS	JA2VHO
G4XRV	N0ABA	G0VXE	N4IQ	JH6DUL	K0HD
JA2EPW	PY2GG	HB9CXZ	NA5Z	JR3VMJ	K3FM
JS6TWW	SM3LGO	HB9JOE	NW4M	K4ST	K4CMS
K8ME	SP5LKJ	JF2OZH	TA1CM	K5FNQ	KD1F
W1BR	UX5UO	JH1DGQ	W3MR	KK9H	KI4DLS
W4PNY	W0SZ	JR0QFA	W7YW	NJ7G	N3PS
WX2U	W8WEJ	K1RV		NY2NY	N4NW
	WA4CEM	K2NV	234	RQ3A	NE6I
242	WB8CQV	LB5WB	DF7EE	SV8DOU	W1WC
G4FKA	XE1RBV	N4HID	DK2CC	W2DXE	YB1TJ
JA4ZA		SM0MPV	HB9BYQ	W6CYX	
JH1ERJ	239	W6AER	HS1NGR	W9ZCL	228
JH1WJR	AG1A	W8UN	IK0LNN		7J1ADJ
JK1VXE	DJ9RR	WA0ROI	JA2OLJ		AA0MZ

F1RAF	EU1M	222	XE2X	G4VMX	213
F5LIW	JA0EVI	AK5Q		JH7WQX	9A1AD
JF1RYU	JA4CZM	DJ9SO	219	K7LV	AG3V
JF1WLK	JE2EBT	DL5XL	F5JSD	KK4OW	DK3UA
JH2PWY	JF1MTV	E77S	HB9BNQ	KR4W	HB9HIT
JH3GFA	JH8NQV	IZ7AUH	HL5BMX	KX4TT	IT9ODQ
K4JC	JL3OUW	JM1VRW	IK5QPS	LB6KC	IV3FFI
K4KGG	K0OK	K2AT	JA1FJJ	NC4RB	JA1FVS
KB1DMX	K1JIU	K6ZZ	K5CD	PS8ACL	JG3RWX
KE0A	K2HAT	KB5UNX	K5JZ	W0SR	JR1EFG
KE4UW	K3SF	KS4YT	KD2T	W5VQ	K5ALQ
RA3QUA	K4JWA	KU8X	KE6V	W9MO	KK2M
UN9L	K5YU	RA4P	KG6I	WB3D	N6PEQ
VR2CH	MU0FAL	VE7BV	KI7AO	WS1L	N8GP
	N0ODK		KR6C		NA2M*
227	NA2AA	221	N1KC	215	VK3FM
DF8FT	W5GZ	EA2AAZ	N6DX	9H1EJ	W1LE
DL2RUM	W5LO	HB9HBZ	W6GRV	AA7XT	W3BJ
I0MWI	W5TFW	IZ1JLG	WA3I	DS4GKF	W7HR
JA0DWY	W8UV	J11NJC	WW8W	HB9IO	
JK1SQI	W9KVR	K4CGY		I1YDT	212
K1GE	WE1P	K4MV	218	I5XFD	G4ZOY
K5GH	YO9FNP	K5DV	DL2NOM	IZ0BVU	JA1BWA
LU6ETB		KU4XO	DL4NBE	JP1GUW	JA3LDH
N1NU	224	KV4AA	I7PXV	JR0AMD	JR2PZX
N6OJ	JA1OVD	N4TOL	JH1OGT	JT1BV	KU4BP
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W5SL	K1CBK	W0BM	KR2Q	KO6KD	SM7GIB
WA9GON	K2TER	WA0WWW	N4JT	N8NN	VK5GR
	KZ5DX		SM7WVZ	RN9N	W5DAW
226	N3RW	220	TZ4AM	W0FG	WW2DX
DM2RM	N7WO	AA6RR	W5GA	W0TT	YL2TW
EA5B	RW4CY	DL4DW	WA2NPD	W1JGS	
I0OSI	SM7BHH	DL4LAM	WC2K	W4IS	211
JH1IED	SP6AXW	EA5DFV	WC4H	W6SL	AA8SW
K2BA	V51B	EI9FVB		ZL2AL	JE2KSM
KK4OK	W5RF	K1DJ	217	ZS2Y	JJ1JMZ
N2KX	W7NN	K1NTR	IK0CHU		JJ1KZZ
N2SQW	WB0O	K4EU	JA2NNF	214	JO4JDU
N5ET	WN6K	K4MIJ	JA7ZP	3A2MW	K3SX
N6BM		K5MT	JG5RVQ	DJ3AS	KT2C
N9AOL	223	K6MM	K0NV	F4GVO	N1BY
NG7M	AB4UF	K7AWB	K1RH	HB9VAB	VR2XLN
VE3SKX	AF2C	K9WX	N6QI	JN7DOS	WY1G
VE7TK	EA7DUD	KV4T	OZ0J	K0QQ	
VK4CAG	I8MTQ	KZ9DX	W0TM	K2AZ	210
W9DX	IK2RZP	NY1V	YO3IPR	N9KW	AA4LR
	IZ8MBW	ON4ATW		PY2RO	CU3AN
225	K6IPV	SM0DSF	216	SP7ICE	JH6RTO
DK5RL	KI6CG	UR4IOR	CX2CC	W0KCJ	KD4SN
DS4AOW	KW4V	W5THT	DJ3XG	WB6BFG	KD8RQE
DS5DNO	N4ENE	W8LMG	EA2AFV		LU4FW

PY2WC	RD9M	W4GP	W1OP	XE1FAS	194
S54A	TF3DC	W7IV	W6AEA	YV5LI	A65BD
W5WP	VK2CA	WB8BZK			EA5ZR
W6WF	W1MJB	XE1L	200	197	K1LT
W7FP	W4GE		HB9AGO	4X4MF	KP3AH
W9IL	W6KK	203	IZ5FSA	BA4TB	KR8T
WA9BZW	W9QO	7L2QAD	IZ8EKL	EA1DLU	NJ3K
WK8A	YB0MWM	DF3EC	JA3EY	IT9AAI	SP6EIY
YB0DJ		F5NBX	JA7DPC	IV3AVQ	VU2LBW
	206	IK2RGT	JH1FVE	JA2MNB	W4DC
209	AG5W	IZ0BTU	K1ZJA	K6TAR	W5UHQ
JH8UQJ	CT1HHP	JA0CIU	KC6JAM	K8SIA	W7PAQ
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KB2FCV	IZ4DIW	K0CS	N1IA	W4HZ	
KB4MRX	JA4DNC	K4GO	PY3VB	WQ5R	193
KO8SCA	JF1IRW	K4JKB	VK6LC	XE1H	7L4VYK
N4TD	K8NK	K9OW	ZS1DX		AE4CW
N9XX	KK5OQ	K9TF		196	DH3KM
PU1KGG	KK9T	KA1DJ		CT3CD	HI3T
SM5BNK	KW4CQ	KK8MM	199	DF2UA	I4UUL
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W8BLA	N8BJQ	KM7R	AC0X	HB9ESS	JA0AXV
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WB0ULX	NW7US	N4TV	JH0RVY	I8YAV	JA3PRM
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208	WA3WZR	N7ELL	JM1SZY	JA7FAS	KM1C
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JH0NOS		W1DYJ	K4VNY	N3QE	LZ2ZG
K0THN	205	W3BNN	KC2SST	NA9A	N4HN
K4WES	AC9S	WA3FRP	KI4WCQ	SP3F	NU4B
K5RJ	DL6UNF		MU0GSY	SP5MXZ	PY8WW
N7WS	GM0VRP	202	N2RR	W5AAJ	SM5ELV
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NW6S	IK3GBG	G3SBP	V51YJ	WB5NHL	WA9DU
W1FA	JA4DHN	IK5BOH/2	W6JZ		WB6CJT
W4WN	JA7JM	JR1IZM	W6UC		
W5FPT	JA7MNF	N8WD	W9LN	195	
WA6G	JO3WHB	W1AW	W9RXJ	CT1ELF	192
ZS1J	K4YYL	W3NS		JA7QQQ	F6FYD
	K5VR	W4RDX	198	K4KEW	HB9FBG
207	K9SG	W7TUS	AG7N	KE4S	IZ7GIT
9K2BM	KW1DX	W7VY	DJ0MCH	KF9AF	K1JD
DG5LAC	N2KI	WE2N	DL8DWL	N3XM	K6XN
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JG1JPE	WA4MME	201	JA6ENL	NN2D	KJ4YLO
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KE1VT	XE1J*	GI4OWA	K7PT	PP7LL	NC2Y
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M0IKW	204	K0MFI	N3ND	UR5FEO	VA2IG
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OE1JIS	KM9E	N4PYI	VK6OZ	W3ML	
ON4ANN	VU2IBI	RT5A	W6SHY	W3SB	191
			WA2VQV		AA4NC

HA5CW	KY5I	OZ3SM	N8NB	178	VE1VOX
IT9IPQ	N2MEE	UN7BK	NZ5O	AA8KY	W0MS
JH1FNU	N6NU	VA7ZT	VU3CAU	EA8AXT	W4LEW
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JP1LRT	ON6KE	W2WG	W7WZ	IW0BYL	WA3GNW
K1RI	RM3DA	W6RKC		JA1ERB	
K8QKY	RN3CT	WV2I	181	K1ZE	175
N4DWK	SM4BZH		EI3CTB	K3VAR	AG5CN
N7MQ	VA3OKG	184	IZ4AIB	KU1T	EA6UE
NK7C	W4AEJ	AA4UC	KY6R	N4ST	IU8IYE
OV5O	W5SUM	AD6ZJ	N1HO	N5FEE	IW1PUR
OZ7DN	W6DPD	EA5RU	N6VS	N6DHZ	JE3PCP
VK2HV	YB4CHP	IK0HBN	N8AYY	OZ1HPS	K0KV
W5IP		JA7FVA	NN9X	W7HUY	K1ROA
W8UQ	188	K3JM	NV4A	WB6AXD	KD4POJ
WB4DNL	EA7AN	NW7M	UA9AEU	WC0W	KF2OG
WF1H	JA0GCI	SM2EJE	W6TK		KF6HI
W18R	JH7NTW	UN7BY		177	KN7D
	K2AX	UT7KF	180	4X6UU	N7NG
190	K2DC	W0PE	A61BK	IW8CGX	NS3L
AA4U	N2ZZ	W6BK	AA4AK	IZ2EWR	UA1OM
AC4VM	OZ9XU	WB2HJV	AE4M	JA0LFV	UA9AGX
DJ9KV	PY2RN	WB3BFC	DK1NAL	JE4RAL	
EC7B	WV4V	WB4YDL	JH1IZR	JF1LZQ	174
F4DSE	YO2DFA	WB5STU	K0IL	JG3KLF	AG4Q
G3WW		YB1RUS	K2SD	K2JL	DL5KUA
G4XEE	187		K8SL	K2MK	HB9HVG
HL4CCM	EA5HM	183	N7VPN	K3OX	JL6USD
JA2ITK	F4WDL	IU0ICA	NA5S	K8YE	JR3TOE
JH8KFE	IK8GJR	JA2KSP	VR2XYL	KF4VTT	K1XE
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K7UT	N6VNI	JE4CIL	WA6EZV	SP9IZV	K9HQM
K8ZT/QRP	W5ZE	K6LRN		VK2AAH	K9UQN
KD0AA	XE1YD	NA2U	179	W0IKD	N7NW
N3AIU		W2CG	DL5MHQ	W0JW	NG9J
N6MXU	186	WF8R	IK1ZNM	W1AO	W5JMW
SM0BYD	AF6PK	YB2TS	JA3EEM	W4KVS	W5WI
W2OR	K5EWS		JH1XFR	WD8KND	WA4BIM
W9ROG	K5QX	182	JR3ADB		WA4NUF
WA8LRW	K6EGF	4X6KJ	K4WZ	176	WQ5T
WB4GLI	KC6X	I5FLN	KB7AK	DL6NW	
	KK0DX	I8LWL	KE5TD	F4FLF	173
189	N5QS	JA6SQR	KJ6NZ	G4AYU	AB6CF
I0LYO	W8RV	JI1CQA	KZ2R	JK1JAS	AD0K
IV3KCB	WA5IPS	JK1DDG	N3KV	JR1FHP	AI9U
JA1SGU	WZ4RC	K7LAZ	NO0B	K5DCW	DM6MA
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K3HW	JK7LXU	KL0S	W1HS	KW9U	K6UNE
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K5TN	K3PP	LA5LT	W4TUN	LA7EIA	K8JE
K6UXO	KE5BR	N4MIK	W8QXR	N1JP	LA9VBA
KD1AB	KQ4EE	N8NA		NM1G	N7HN

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NX2X	JQ1YIW	KB8NTY	KG5NP	N0AMI	JR1CAD
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TF3JB	K7CU	KE3X	LB7ZG	N7KDT	KC9K
W7VAS	LA2GH	KH6XT	N2RJ	N9LEO	N0IW
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WY7FD	N6EM	N4PL	PT2ND	SM7CZL	N5WA
	N8VV	N8JS	RA0BA	VA2LC	N8IL
172	NX4TT	N8OQ	RL3BZ	VU2MSA	NI5F
EI1DG	VE1OP	N9ATF	VK3TC	W1OK	W1TO
JA1BON	VE2YG	PT2ADM	W2FS	W1XV	W9FF
K5TA	W0OGH	PY2SEX	WB2WPM	W4PGM	YO8CRU
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LZ1XL	YO4AUL	WA0SXV	WC4X	XE2YWH	
N3AO		WA5NFC		YO3DDZ	159
N5PA	169		164		AA3AZ
N7GCO	AC0DQ	166	AC4BT	162	CT1ESO
SP5ES	DM3CW	AL7R	CT3DL	4F1OZ	DD0VE
W1ASB	JA1KXT	DL1SVA	DL7JRD	BH4IGO	DK8IZ
WB8QZM	JE1PHH	GM7NZI	EA3HDZ	DJ7JC	EA1P
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	K9OT	JG3KMT	IZ0GVZ	EA2AGV	JA0ED
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AD3C	RD3BD	K7CTV	KA1API	N4BAF	K0IO
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DL5MM	WA6QGH	KN4FO	KD8MQY	W4NBS	K9QJ
F9CI	WB8EKG	KR4BD	KL7TS	W8FN	KC4HN
IZ0CKJ		KW4J	N2XQM		LA8ZAA
JA3AVO	168	SV2CLJ	N7WI	161	N1MD
JJ1BDX	A92IO	VA7DX	NA2P	HL3ERJ	N4VG
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KC5LK	K0RAR	YO3AIS	163	NA6XX	XE1MW
KP4DKE	K1VI	ZL3RJ	AA4OC	OK2ZDL	
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NA6O	LU8ADX		DS4NPL	W5BK	9J2BS
ON6MX	LX1CW	165	EA1AZ	W5RDW	G4SGX
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	SV1XV	HK3PJ	JA0MRW	160	K4SAF
170	VR2MY	HL1VAU	JA4GXS	E70T	K8GWU
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WB2RAJ	K4EZY	SP5NON	W6WA	WF7T	N9MR*
WB9B	K4WM	W3DIY	WA9JWL		NJ1Q
WB9ZNZ	KM2O	W8OM	WC2C	148	SM3DXC
WT2P	M0IFT	W8VK		4F3BZ	TF4M
	N1QY	WB4SON	150	A71AM	WA2MUA
157	NH6L		DK3BK	AE0MO	WA3SKQ
7N3IJT	NK7Z	152	DK3FB	F5NNN	WW8RT
AB2E	NO9E	4O3A	DL9SAD	IW5EIJ	XE2B
E20YLM	NU1T	AC6BW	HB9EBM	JF2AIJ	YB1BML
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JE3OUW	154	IK5BSC	K5HK	LZ1MDU	AC7JM
JG1XBM	AC8TO	IZ0FUW	K9RT	N0TK	AL7TC
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N9MB	JM1JZN	R9JX	SM0BSO		KQ5M
PY1NS	JR3QHJ	W2NY	VU2NXM	147	KS0M
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	KC1ERO	YV4DYJ	WL7OU	F6KOP	W3DQS
156	N7JB		ZS1C	G3VQO	W7NP
EA3HPX	NE5W	151		IS0/YO3RA	WR7Q
GM3WIL	W4CIR	AD5MD	149	JJ0LZQ	
HB9HHH	W5TMC	AK9B	7N2JZT	JK1OTP	144
HB9MXY	W8TM	DF1IR	DS4DRE	K3GGN	AD0TR
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JA2ODB	WN7J	IK1UGX	JA0JPD	K8MRT	G4FTC
JA9RT		J68HZ	JN4FNZ	KB9LIE	GM0VIT
JH2AJY	153	JA2BUR	JS6SCC	SV8RX	K1TKL
JL3DGI	HB9BEM	J13BFC	K2KIB	W3NRJ	K7QBO
JM1LPN	JA3UOQ	K1QN	K2RET	W4IDX	K8OS
K2HT	JH2NWP	K3GW	K4TXJ		KB1HY
KA9OKH	JR7MAZ	K4DET	K8WHA	146	N5UE
N5QZ	K0YL	K7LAY	K9EXY	AE5B	RN0C
N7RD	K3GO	K9AAA	KM2E	HP3TA	TF5B
W1MR	K4OY	KE4BKL	KP4DS	JA3KWZ	UY2UZ
	K8ROK	KE8G	N0STL	JE1COB	W0AIH*
155	K9MMS	KK4CLY	NE0U	K1IG	WB9W
5P5Q	K9YZ	N7MB	NU4Y	K6NR	WX3P
AB4GE	KF9LI	NU4I	NZ0O	K8ARY	

143	KE7BMG	JA1PVX	ON5RKN	LB5GI	KG8OU
AA4MM	NZ6N	JA1VRY	VE3FRR	N1AH	KI7HO
AF3X	SV2JU	K2YSY	W0ANZ	N2TC	KK5ID
EA4D	VE3FAC	K6CW	W4GH	N6XT	M3DFW
FM5DN	W1NA	K9BO	W4PV	NC6RJ	N3TR
HB9AAA	W3IZ	KC9G	W7KKC	PA0QRB	N4EDT
JA1MOD	W5GOL	KF6A	W7SX	SM3WMU	N4QOG
JF2RSF	W6HDG	KL7NW		W1DAR	NN3V
K2OO	WK9U	KU9S	135	W2KNG	ON6YH
K6LPO		N3PV	AB4FH	W4UAT	PY2OP
K9BQL	140	N9BVA	GM5YTT	WB1DX	SM7DXQ
KE4FW	AD9DX	OD5YA	HZ1GW	XE2AD	UW7UA
KG6D	EI6JK	PV8ABC	JA1DCK		VU3WEW
KJ2U	EI7JZ	TA1PB	JA3MIO	133	W3KHZ
KJ4R	JG1RYQ	V31CQ	JA7MWC	7J1ABD	W4MC
KN7K	JJ1OKK	VE3MSC	JJ1HLL	DL8OH	W5FL
LB2TG	K0UBR	W0UHL	JL2ULM	G4NBS	WA1HXX
N2YBB	K5GZR	W4DWS	K2WJ	GM1BSG	WA1KXV
N4GBK	K6EV	W4EJG	K3HPA	HB0WR	ZS1EL
N4UP	K7VC	WA5POK	K3WGR	HK4EB	
N7ZA	K7YMG		K4OP	JA5IBP	131
TG9AJR	KC3AK	137	KC3RKW	JM1JIV	EI5GM
W4JVN	LA8PDA	DL2RD	N7TW	K6ME	JH1IYY
W4UFO	LZ2HM	G3PSM	NX8Y	KC2STA	JK8VMB
W7VS	N5JED	HL1MKT	S53MJ	KG6WIK	K0ARM
WY0V	VE3NJC	JH1SBE	W5IO	KI4TZ	K7GA
	W5VU	K2CDJ	W7QHE	KR4DA	KA5IAU
142	W9BS	K2RKJ	WA7HR	LA9KY	KO4DKI
AA4DD	WB1ASL	K4AU	WB3AVD	N1BKB	N0AKC
I4JEE	WW6G	K6IRA	WB6FWS	NT9F	NG4DX
JA1PUK	YB3MM	KP4N	WB9IWN	OH4KRN	NN6K
J11UHZ		N5RN	WO5I	OH7HM	VE3NKS
K2CJ	139	N7VZ		VU2ABS	W5EC
K3GT	F5VML	N9NFT	134	W1GY	
K9UO	HB9ARK	NI4Y	AB0RX	W1ITU	130
KA6BIM	HB9DTE	OE3JAG	AB1J	W3MF	AA4QE
LA1J	HL4CBX	SM5CSS	DL4ZAB	W6OUL	DL1SWN
W8WV	K0QB	SP3EPG	EA6AZ	W9SE	JA2LMY
	K9TRV	TA1AL	IZ8DEO	WB1S	JF2OHQ
141	KX4I	W2GGY	JA5SEY	YO3GJC	JH3PRR
7K3QPL	N0CKC	W4UEF	JA6GXP		JL4BSE
9H1AE	N2SG	W9MR	JR0GXA	132	K2MHE
EA1T	N7NF	WA0WOF	JR1HYA	AA4FU	KB3IFH
EI3ISB	N7UJJ	WA5YOM	K3KY	AK3E	KD2NF
HB9EXQ	R9MJ	WG0G	K7FL	AK6I	KI0HA
IZ3XEF	ZL3TE	WS1F	K7RAN	I8NLC	KN4JX
K2JK			K7YZO	IK8OZV	N2YF
K4RM	138	136	K9JDP	IZ0COI	N7TM
K5VG	AC5AA	DM5JBN	K9SUH	JA9KRO	N8BK
K8RCT	DL5KUT	G0OSK	KA9JCP	K4BNF	NS4F
K9AAN	DL5ZB	IS0EBO	KD2SC	K5SES	OZ6TL
KA5SYP	G0FWX	NT5EE	KF5WCP	KB8KIM	PU4MMZ
KA5VFU	JA0CVC	ON5GF	KN4OK	KD3UY	W1MO

W9CTJ	WP4CQ	K5KDX	IZ1UKF	WB8TGY	NY4G
WB8RFB	WQ1H	K7PO	IZ5BYJ	WU7X	OZ6EI
YB2IQ	ZS6AKU	K8GT	J11DMH	YB9WZJ	TA1L
YO8PS		K9QA	K0MD	ZS6NK	UA0FDX
129	127	KC5RR	K3SUI	122	W2ARP
AD6KQ	7Z1HL	KC9WPS	K6VVK	AA0BH	W3/NH7C
AE7U	AG4TO	KK4CB	K7HC	AA5B	W3JXP
DS4EJA	DJ5DT	KM4CQG	KB8DID	AB5YI	W4CC
JA0AVS	DL9GTB	KS4WA	KC2NJ	DB4RG	W4KCM
JA1PLT	EA3NG	N5HC	KC4AA	G0HSA	W5UQ
JA2ACI	EA4TX	N8YQX	KD9ZR	HC1HN	W7PC
JA3WMS	G8BCG	N9XG	KK4TKJ	JA9ALR	W9MB
JH1RFM	HB9TJG	VE3TMG	KV8P	K0HQW	WA7HQD
JM1CMA	HK6K	VK2DAG	N0YO	K1AJ	WB7BBQ
JN1SUT	I2YPY	VR2VGM	N4LSJ	K3DQB	WQ8T
K7ORK	JA0BES	W8VI	N5VBK	K4VAC	WT3Q
KB4KBS	JE2VYM	W9COS	NT4K	K9KJ	WU9D
KN4WOJ	JG1LRE	XE3E	W0DD	KB4ET	120
N9AVC	JG5DHX	125	W2FDM	KN9N	AA2T
PY3OG	JH1HRJ	AC4XO	W6ELI	N1ZZ	AC4TO
SM2YIP	J11MNT	EI8GS	W6ND	N4GRC	AE5LK
VK5CE	JR1LZK	G4EHT	W8PAT	N9ATD	AI2S
W7TG	K2GW	IK8PGE	WW5L	UT9LC	CT7ABD
XE1ILI	K7LFY	IZ8EYN	ZL3REX	W1ES	CU2CE
	KF3N	JH8FIH	123	W1HEO	DS3DNT
	KS8W	JP1GVC	AB9BH	W1KKG	DS5QLJ
128	LA2LI	K5NOF	AE5FM	W5HNK	F5AQB
A71XX	N0AB	K9ARZ	AI5EG	W6HB	IK8IPL
EA1AHA	N0DL	KK5J	DJ6OZ	WF5I	IT9JPS
EI3IO	N1BZ	KK7BR	DS4DBF	XE2MX	JA1DCO
F4GTB	N3GTG	NA7RH	G6NHU		JH5OTE
HL2DBP	NA1RL	NN6CH	IK0XKP	121	JJ1XVA
JA6NQT	ON5EQ	SM5AFU	IZ8LMA	AB4BJ	K9CHP
JH1AWJ	VE3EDY	TF3MH	JA1GLE	AK0A	KJ6Y
K6OJ	VU2TMP	W0XE	JA2HOL	DL7UGO	LU3XX
K7PTC	W0MF	W4AO	JH1RVQ	HA2EQD	N0TR
K9YKL	W3KN	W5CWQ	JL3RNZ	IK6BMU	N1TQP
KC2WUF	W4BH	W6PG	K2JGL	IZ0FYW	N3DV
KD5R	WA2BOT	W7FI	KC2THY	JA1CPN	N3GS
KG2U	WB2KSP	WA1LAD	KD0KZE	JA1EYN	N4UFP
N0JR	WB9TFH	WA4TMJ	KG4OJT	JA1WTO	NJ8G
N5EI		WM4AA	LA2XNA	JE2DOD	NR2D
NR0Q	126	WR2G	LX2SM	J15WDC	PP2FN
R3BB	CU7AJ		N5JEY	K1LTJ	VE3QAA
UR9IDX	DS3EXT	124	N6DVR	K3CWF	VR2ZXP
W0QD	EI4HH	AA5H	N9RE	K9MQ	VU3RGB
W5MF	IK4TVP	AF8C	OH3TY	KK4ODQ	W1RG
W6IS	IU8GNY	DJ3EJ	PY2ADR	KU2A	W5RYA
W8BI	IW7EDZ	EC4KW	SV7CUD	N3ER	W6GJB
W9EBO	JA5CDL	EI8IQ	VE3VHH	N5ZY	WT5L
W9TO	JA5XPD	G4RGK	W2WGK	NA2R	YB0AZ
WA4UWD	JH4GXE	IT9YOZ	W4UT	NA4MM	
WC4V	K2GLS				

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
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W1ZK	YO6HOY	NW6V	JH1GNU	S51DV	JH1FRW
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W6ZPL	6K2ILX	SP5BMU	K2KNB	W3WN	JR4DHK
W8EOG	AA0FT	W0LGQ	K4JDJ	W4LLP	K3MSB
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
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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	WB2MKX	WA3IIA	AA6XV	FM4LV
K6JAD	KO4XI	WC2L	WA8Y	CT3DZ	HB0RER
KA4AHU	KW1X	WM4W	WV4E	EA4EJP	JA7HYE
KB7DT	LU2AH	WS7I	ZL3RIK	EI3HA	JF1KIG
M0AQM	N2IFA	WU1U		EI4GNB	J11FXS
N4LS	N5FPW	ZP6CW	105	F6ARS	JP1KHY
N4WD	N5TW		AA2F	FM5FJ	K0OOK
N6RVI	N7TP	106	AI1W	G0DRM	K1FBI
NN8L	TF1A	AB6WQ	AP2IA	GW0ANA	K2RNY
NW6R	VE7VV	AC7DX	DL9GTK	HA5DI	K3PIN
NX1P	W4DVG	AC8IL	E29TGW	HB9BMY	K3TXW
NZ3M	W6CN	DS2GOO	EI6GF	JA1CC	K4NI
PF7M	W7SMW	DS5MNO	G3LOJ	JA1DHY	K4PWS
PV8AJ	WB5ZAM	EA3AGY	HL4GHT	JA1RBY	K4SAW
PV8DX	WC4B	EW4DX	JA1JYS	JH1MYJ	K6XJ
SP7ASZ		F5VIF	JA1SZN	JI4HKA	K7HV
T88UW	107	F6JSZ	JE6UWU	JQ2MPJ	K9WMS
W3ATV	AB7RW	G0OJG	JJ2BLV	K0BRO	KA7CVJ
W3GP	BG8PA	G0RPM	JK1AIA	K1TWF	KP4DDY
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W5SG	DK2GP	G4FVZ	K0MB	K4WW	M0UPL
W7CB	DS4OMS	HI7SB	K1EO	K5JUC	N1MIE
W7VP	E73D	IZ4IRO	K1ETA	K7UW	NB3R
W9JJ	EA2BFM	JA3AOP	K5WE	K8WVA	NI5G
WA6URY	EI5GSB	JA3FRI	K6GCN	KE4YOG	RX3BP
	IC8XIL	JF7NNI	K7CMZ	N1FOJ	VE7XT
108	JA3MAT	JJ1IRS	K8FB	N3PW	W2SUB
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AC9DX	K2FJ	KI0KN	KR0P	N8TEM	W7UV
DB9CR	K2ZD	KI4NSP	KZ4EX	N8WXQ	W8EH
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DL2AMD	K6DLB	KR4U	LZ1JZ	OM6CI	WC9C
DL2NAI	K7UWR	KT5V	N2YU	OZ9U	YB1ALL
DM5TI	KA4LBD	M0PCB	N9APK	PY2YW	ZL1IM
DU1IVT	KB0EL	N4DJT	N9IXD	RV4LC	
E70X	KF2G	N6UOZ	NC1M	VE3ZN	102
EA5XV	KF6XA	N7MW	NC7M	VK3MB	4X1VF
G5CL	KJ4FZ	N8OYY	NK7L	W0VU	5H8HZ
IK1RKN	LU5OM	N9ZJ	OH6IH	W9GXR	5W1SA
JA2DCN	N0MHL	NG4C	PV8RR	WB4HMA	AC0XY
JA2KGQ	N1UZ	NI7F	VU2DED	WB7QXU	DB2WD
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JR4NUN	OV2B	PT2DF	WB8LEM	WX0B	IC8SQS
K1FUG	PP5VA	PY2OC	WD4OHD	YB1BUL	IZ7QSS
K3XO	RM6LW	UA0ABB	WK3A	YO6HSU	JH1IHG
K4GHS	SV3EXP	VE3BHZ	WZ9B	ZS6HON	K1MDA
K8LBT	TA1CQ	VE3XK	YU1LD		K2DH
KC8YG	UX5XK	VU2MB	YV4EH	103	K2DW
KE3ZT	V31MD	W0TLX		AF8P	K4HR
KE7AUB	W5HY	W4/KL7GLL	104	DS5JMG	K6BLG
KI4SFT	W8JA	W6KF	7N4OBV	EA2RY	K6JAV
KJ2AM	WB2BXO	W7GB	AA2WC	EI9GLB	KA8HDE

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KE9V	K0GEO	AA7UN	KB6IGK	W5YKU
KO3F	K3AXB	AC0DH	KC5N	W6OZI
N2CJN	K3LA	AD4J	KD1DT	W9KM
N2FY	K5HX	AE4VJ	KE1IU	W9ZT
N4IR	K8PGJ	AK1P	KE8NOA	WA2ALY
N8KOJ	K9GL	AK4AO	KF5MDZ	WA2VJL
NA4D	KB5YN	DB6VH	KF5TL	WA3UTC
NN5O	KC3OPI	DC1TK	KF9EX	WA3YZD
R9GM	KC4ZA	DK1MCS	KG4IYS	WB0RXQ
S51MA	KD2RUY	DK7GH	KI0G	WB2ZEX
SM0XG	KE9UA	DL3ANK	KI3O	WB6RAB
US8ZAL	KJ5RC	DL5JH	KI4PG	WB6RJH
VK2GR	KU4A	DS4GQR	KK6MF	WD1M
W0PPA	LA3ANA	EA5PS	KL2R	WD4GZW
W1GF	M0PTZ	EI2HZB	KL7XO	WI0E
W1MRH	M5LRO	EI4DQ	KR4Q	WK7W
W4GHW	N3CAL	EI4GJB	LA4EI	WM4D
W7FS	N4PF	EW4A	M1EMC	WM9Q
W7HJ	NC8I	F5JWH	N0JX	WU1T
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W9GWP	NZ1I	G8GFF	N0VTZ	YE1AR
WB4PWZ	OZ5JQ	G8GNI	N1KI	ZS6CR
WB7QBS	PA3AIN	GW0KRL	N3NVA	
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WD9IOK	RZ6MJ	JA7PKV	N5CR	
WN9A	SV2BXA	JE7KCI	N5LJL	
XE1SAX	SV4FFL	JG0HEW	N5LKE	
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YB9AY	UA4PK	JG5VFK	N7WR	
YO6BHN	VA2GA	JN1RFY	N8HM	
ZS2ACP	VK4BUI	JR4VEV	N8URE	
	VU2OT	K1HC	N9MKC	
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AA9D	W2FDJ	K1PTF	NE3K	
AB2NI	W2GHD	K2UF	NX6D	
AB4EJ	W2PD	K2UT	OM2AGN	
AB8YZ	W3RMS	K3NO	OR4K	
C31MF	W3SW	K3QB	OZ1GCT	
DD8BA	W4PM	K3RRR	OZ9GA	
DD9WG	W6OU	K3WSU	PY5VC	
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G4GEE	WX7B	K5MMH	VE3KKB	
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HB9PUE	YO2OXD	K5VSD	VU2OY	
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JA5ALE	9M8DEN	KA1CTL	W4DFU	
JA5JUG	A41ZZ	KA2F	W4YR	