

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 09 Sep 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 Digital 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	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA2KVD JA6BZI K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX UT5UGR W0DJC W9RPM	W5BPT W5ZN 331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5EG PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ
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 JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT I4AVG JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS	AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5EG PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ
346 N1DG SM3EVR W9ZR		336 G0JHC JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV			330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JI4POR K3WC K4CN
345 HA0DU JA2VPO OH1XX					
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 K5RK N4CH N8DX				

K4ZYU	DL2OE	R5AJ	322	W8GC	RA7A
K9CT	EA1YO	SM4EMO	CT1BH		RW3RN
N4JF	EA5BM	SM6CCO	EA2IA	320	SP1MGM
N8JV	I4EWH	SM6CMU	F5PAC	AA8CH	VE3LYC
N9IW	JE2LUN	SP1S	IK4GME	CT4NH	
NR1R	JH0INP	SV8CS	IK8YTA	DM5EE	317
OK1MP*	JH1TWT	W1RM	JA4FKX	G0BLB	AB9V
RA3CQ	JJ8DGO	W3LL	JJ2LPV	I2EOW	DJ5FI
SP7GAQ	K0DEQ	W6RLL	K2UO	JA3PIS	DK2NG
W3NO	KW9A	W9OP	K6FG	JO7WXN	DL5WW
W4UM	N2BJ		K7NN	K1LD	HB9HFN
YU1FW	N6JV	324	KA9CFD	K4EM	JA2IVK
	PY2YP	DK9KX	KU0A	UY5ZZ	K2RW
329	RZ3AM	DL5DSM	N4DW	VE3EXY	K6YUI
GM3POI	SM2GCQ	FK8CP	N4NX	W3KX	K9MM
IT9DAA	SM5CZQ	G0DQS	OE1WEU	W5WT	KE9L
IV3JVJ	SP6M	G4CCZ	OH1LEU	W6XA	UX1UA
JA2JW	SV1RK	I0WDX	ON4CD	YV1DIG	W6VX
JA7KY	YO9HP	IK5PWQ	PA3EWP		WD0DAN
JA7MSQ		JA2BDR	R7DX	319	WX4G
JH1GZE	326	JA2DPC	SM5KNV	DJ4AX	
K0EU	EA5BY	JJ3PRT	UA4CC	DK1FW	316
K1HTV	JA9APS	JR2LJO	VE1DX	EA8AKN	DF2UU
N5AW	JE1SYN	JR3OEH	W5CIA	HB0CC	G0OIL
NI0G	JF1WPB	K5KC	W5TCX	IK4DRR	IK2QPR
NO8D	JF3KON	K9YY	WI8A	JA9TWN	IW1ARB
OZ1CTK	K5EK	N1NK		JJ1DHY	JA5XAE
R4GM	K8PT	N4II	321	JR7VHZ	JA8EAT
SP6CIK	LU2NI	N8BM*	AA4V*	K5MC	K1BD
SP8NR	N3NT	OE8HIK	AD1C	K6AM	K3WA
W5XX	N7RT	R3OK	G3TXF	N4DB	K4HB
WA1JMP	NK1K	RV3LO	HB9BIN	N4QS	K8YTO
	OZ1AXG	VE2TZT	IK2YCW	NE1B	KG8P
328	SP5DIR	W8OI	JA0GJJ	ON4AOI	KQ8M
AA5AU	W8DCH	W9OL	JA1XEC	UA3AP	N5DG
DL7MAE	WP4U	WB4TDH	JA3AZD	YO3APJ	SP1JRF
IZ5EKV			JH1IFS		UA3DPM
JA1SJV	325	323	JH3CUL	318	W1GL
JH2FXK	EU7A	EA3GP	JH3VNC	A45XR	W7MO
JJ2KXK	HB9DHK	GM0GAV	JH4ADV	AA4HP	W9ILY
K4QL	I5NPH	JF1KKV	K2VV	DL6KR	WA2VYA
RU3FM	IZ0AEG	JL1RUC	KV7K	G4PWA	YB5QZ
SL0ZG	JA2FJP	KF0QR	KX4R	JA1ANR	YO7LCB
SP9DWT	JA5WIZ	N5TY*	LA7HJA	JA2JNA	YS1RR
W1ECT	JF1PUW	N8RR	N4PQX	JA4EPE	YU3AA
W2IRT	JF7XKY	NY0V	N5XZ	JH4JNG	
W5FKX	JH8RZJ	OH2BLD	OE6MDF	K2TE	315
	JR3GWZ	SM6DHF	OE8RT	K4IQJ	9H1SP
327	JS2LHI	UA3AB	SM6DHU	K5BG	AA5AT
AB4IQ	K9EU	UT9FJ	SP7VC	K5DU	AB3CV
CT1APE	K9IR	W7AO	SV1FJA	LA2PA	AB6QM
CT1IUA	OE2LCM		UT7UJ	PY5EW	G3VKW
DK5WL	ON4IQ		W4FC	R3VA	HK3W

IZ1LBG	JA7QVI	JF8QNF	NQ1K	305	WT8C
JA8RJE	JF2UPM	JG3FEA	R7NW	AJ6T	
JA9CWJ	JG3LGD	K0KX	SP9JZU	DJ4XA	302
JN3SAC	JH1NYM	K5XI	UR5EDX	JA1IOA	DJ5JH
JR2BJE	JR1BAS	K6RO	VA5DX	JA1WSK	F5CQ
K8NVR	JR1BLX	K8AC	VU2NKS	JA7BWT	G3SVD
N5OK	JS3CTQ	K8FL	W1YM	JE6TSP	HL2IFR
NN4R	K4SO	KC7V	W2QO	JH7RXU	JE8CLT
OE3EVA	K6KLY	LA9AJA	W5ADD	K0JUH	K4MS
ON4IZ	K9US	NS6C	W6ENZ	K3XA	OH8LXT
PY2NQ	LA7JO	RA0FF	W9MU	K9NW	PY7DJ
SM3VAC	LB8DC	RL9F	WA8WV	KG4W	R5DT
SV2DGH	N2NL	SM2OAN		N9AU*	RK4FD
WA7NB	N4TL	SP6HEQ	307	PA5TT	W0VX
	N8KOL	W0YG	A65BR	RA9CMO	W4QN
314	SP3CGK	W4BP	DK2JX	SM3NXS	W5VY
AC4G	W9RN	ZS1LS	F2JD	YB1UUN	WD4LBR
CT1DKS	ZS6EZ		HB9TKS		
DL6CNG		309	I5HOR	304	301
EA1N	312	JA1EOD	JA2XW	DJ9ON	AE5E
EA6VQ	AA5AM	JA1VSL	JA3GN	DK5AD	CU2AP
G3NDC	F3SG	K1AR	JA6WJL	HB9CEX	HB9BOI
HA1RB	JA1SYY	K2UU	JJ3HGJ	JA2NDQ	HP2AT
IZ8FFA	JA1XCZ	K8QM	K2SHZ	JA9FAI	JA0DIN
JA2AH	JH1AGU	K9ZO	K9RX	JE1DXC	JA1LSP
JA2ZL	JH1QAX	NN4SS	LU8EKC	K8GI	JA1SVP
JR4OZR	JR6FC	NU8Z	NI6T	N7US	JE1LFX
JR9LKE	K1HT	R9TO	W7DO	N9RS	JG8FWH
K2LS	K3RA	RU3DX	W7OM	UY5AA	JK1GOK
K5AQ	N1IBM	RX3AGD	W9JA		K4SE
KB0EO	N5ORT	UA4LY	WA5VGI	303	LA5LJA
LA7AFA	RU3QR	W2JU		E72U	MM0EAX
MD0CCE	SV1CNS		306	EA3GHZ	RN3QN
OE1AZS	UT2UB	308	9K2OD	G3LZQ	WB5JID
OE1ZL	W7CT	DL2CHN	DL1KUR	HB9DDO	
SM4DDE	W8HW	F4BKV	DL5EBE	HL3IUA	300
SV1DPI		HK4SAN	HB9DDZ	HL4CJG	AC0A
SV1JG	311	IU7QBB	I1EIS	IK2RPE	DL1TRK
UA6MF	CT1FMX	JA1IZZ	IK4PLW	IK4ADE	DL4CF
UX0FF	IK0PEA	JA2WYN	JA2VQF	JK1EXO	EA1AF
WB0TEV	JA2XYO	JA7IC	JE2LPC	K7WP	EI2GLB
WB8BPU	JA4MRL	JA9GPG	JR2UBS	K7ZA	IZ5RVG
	KM4H	JE2EHP	K5WAF	KB1JZU	JA2ATE
313	OE3SGU	JG4AKL	KD3CQ	LA3WAA	JA9AA
5B4MF	OZ4O	JH1SJN	OE5RLM	RL3FA	K8GG
CT1GFK	PY2XU	K0GY	R8TX	RW4NN	K8TL
I3BUI	UR0MC	K0KVR	R9FM	SM6CUK	K8VJV
IZ2AMW	WB9CIF	K8OM	UN7JX	SP2BMX	PA3CSR
IZ8FWN	WD9DZV	K9MK	US5WE	SP3IBS	VU2PTT
JA1GRM		KI0KB	W5AJ	SP7HOV	W3OA
JA5IU	310	KN5O	W5XC	SP7ITB	W3RJW
JA6VQA	HB9SLO	KS1J	WE9R	SV2AEL	W6TC
JA7JWF	JA0CRI	N8TR	ZL3JT	W1SKU	W9AJ

WA9PIE	CT1DOF	JR1DUP	G0EHO	288	UR5WA
299	EV1R	K3FRK	IT9CVO	CT3MD	VE1JBC
4X6ZK	GM0AXY	K7ZV	JH1BAM	HB9RYZ	W3GQ
DM2DXA	IV3YYK	KD0Q	JJ1TKN	JA2JRG	W6PJ
EW2A	JA1JAT	KZ4V	K0KT	K1DG	W8AXI
HB9CQK	K3PA	N0KV	K4ZO	LZ2JE	W9MJ
HB9RG	K6FW	OE5BWN	KP2A	N4LR	
IK5RUN	K8VC	RU6L	LA5HE	N5LZ	285
IZ4MJP	LA8PT	SV3DCX	N2TN	N6UK	CU2DX
JA7LGE	N0RB	W3JX	N7RO	ON6AA	DL2SWN
K6SIK	RA3QK	YO2CMI	PY2KP	UA3AGW	EA3GHQ
K9SM	SM6BZV		VE3CFK	W1YIF	EA5KA
KB8VAO	SV9COL	293	W7BEM	W2LE	HL2WA
N9FN	UA6YW	DL1HRN	W8TN	W2NO	IK8VRH
UA9FAR	W2GG	DL1SMA	W9FR	W3FOX	IZ8DFO
UN6T	YO2RR	EA3WD	ZL4TT	ZS1A	JA0PE
VE3BW	295	G4GIR	ZS2DL	ZS2EZ	JA2IYJ
WA3AFS	DL1DUO	IK0HFO			JA2VMU
XE2CQ	EC3A	IW1QN	290	287	JN1BMX
	IW0SAF	JA2CXF	AA4A	9M6YBG	JR8AMF
298	JA1BPA	JA3EOP	DS1JFY	AA8LL	K1USA
5B4AHJ	JA1FQI	JH0BQX	I4KDJ	AA8R	K6GXO
CT1FCX	JE2DZC	JK1TCV	JA1KQX	IV3GOW	K6PJ
DL7BA	JH4ALY	K4JAF	JA1QXC	JA9NLE	LA8HGA
G5LP	JM1FHL	N2LM	JF1NZW	JE2OVG	N8LJ
IW0HQE	JN1RQV	N7IR	JH3GCN	K0AZ	OE1WHC
JA4ITW	K0BBC	PY2IQ	KD0PO	K5RT	PE1L
JA5BEN	K0TPP	S55DX	LA2QM	LA3MHA	WK7E
JL2JVX	K1GG	W7ZJ	LU3CQ	N3VA	
JR7WFC	K4XD	WA4FFW	PP1CZ	N8PW	284
K2PK	K5VIP		SK3PY	R9SA	DL6JZ
K8EUR	K5ZK	292	SV3AQR	SM5ARL	EI9FBB
N4RWG	N7TY	DL5CW	UN7LZ	W1VT	GM3YOR
ND0N	NA5C	E72A	UN7TW	W4YCH	IZ3ENH
PY2VA	RM0F	EA5AT	W1EQ	W8AV	JA0DET
ZL1BYZ	SM5FUG	G8DX	W2LK	WA6F	JA8CJY
	SP8HKT	HB9BAT	WB9EEE		JG3SKK
297	SV1GYG	IZ0RVI		286	JH3SIF
E73Y	W5LT	IZ3ETU	289	AB5A	OE2GEN
JA3RQ	W6XK	IZ8VYU	DL9TJ	CT3HF	OH4UI
JE7JDL	W7AL	JA3ENN	JA8EJO	DL2VPO	SM0CCM
JG0CQK		K5DHY	JA9FPI	HL3GOB	SM6CTQ
K6ND	294	K7ZD	JA9IFF	IK0AGU	W1OPD
K8WK	AI9L	LU4FPZ	JG1WSC	IK0XBX	W2AY
KG7H	AJ9C	N8II	JH4GJR	IZ8XQC	W4FQT
KT1J	EA6NB	R6AF	K3UL	JA2FGL	W5ODD
W6YI	HA5VZ	SP5IWA	KK0M	JE3ENP	W8BBQ
	HA9PP	W4VIC	R0FA	JF2WGN	
296	JA1XPQ	W6SR	RA1QD	JH1BNC	283
AA4R	JA5SUD		S57AT	K1LPS	DF2GH
AA8OY	JE1GWO	291	VE3EK	K1RO	JA1RTX
AD6W	JJ1DWT	4Z4DX	W9YSX	K5PS	JL1XMN
		EA6ET		N8SNM	K3WW

KJ6P	279	276	273	JM1HJG	W9OO
N6TA	JE8TGI	AA6AA	7M4AOE	K3PU	WA1YTW
OE8SPW	JF2XGF	DK3WW	CT1BWU	LA9GX	
W1LW	JH7BKN	HB9LCW	DH2PC	N4UOZ	267
W6BJH	JO4CFV	HK1MW	JA1KPH	NN4X	DL4DW
WT4Q	KF2DT	IZ5BAM	JA2TBS	UA3TT	IV3VBM
	KQ4AV	JA2XCR	JA6BEE	W1MK	JA2QXP
282	OH1JP	JA7FWR	JM2RUV	XE1MEX	JA7BEW
K1DT	OH1ZK	JA7LMZ	K4RG		JA8UIV
K5UO	SM0NJO	LA0FA	KA1ERL	270	K5VWW
K8ROX	VE3DZ	LA9VFA	KI5BLU	7K1PTT	K7XB
PC3T	W4UCK	N5MOA	LB2TB	AA4FL	SM5BMB
RD3AW	WB2BIN	ND4X	N4IG	BA4MY	W6RS
SM4CTI	WO7R	NK0S	N4JQQ	DK8MCT	
UA0BA		OZ1LCG	OZ1ACB	EA1KY	266
W4OX	278	RX4HZ	OZ4VW	F9XL	EI8IU
W9HBH	9A4T	SM5CLE	RW7M	K0BJ	IK0UTM
WN6W	CT1FPQ	UN3G	W4HG	K7UA	IW7DVM
XE1KK	EA8RR	W1YRC	W8QZA/QRP	K9JF	JA3BXF
	EI9JF	W1ZT	WA0MHJ	N4QQ	K8AJS
281	F2NH	W2OIB		OE3HWC	NU1B
AD5Q	JA8LRG	W5GO	272	PU2POP	PZ5RA
BA4RF	K2UR		AF9H	VE6LB	RA4CA
EA5OX	N4HB	275	DS5ACV		SV1HEP
F3AT	N9ISN	AB4SF	I5OYY	269	VE3YF
I1FQH	SM4AZQ	JE1BMJ	IK5PWN	HB9IQB	W0FLS
IZ8FDH	VE3CRG	JG1OGM	JF1LMB	IK7FPV	W7YAQ
K0GD	W4MAY	JJ3CJP	JH1OBS	IK8EPC	W8MET
N2WB	W8MHW	N2JJ	K1UU	JA1OVF	WB2GAI
N5GH	WF2S	N7KA	K6IPM	JA1VLK	WB3LHD
OZ1IKY		ON5UE	K7EG	JA4VLK	
SM5ENX	277	PA7RA	K8BL	JA6GPR	265
W0LS	EU1KY	WA0RVK	K9MBQ	JH3FHQ	4F2KWT
W8HC	F5PBM		KB1EFS	JP1NWZ	G3WPH
W8KEN	F5UJK	274	KI4GE	K6EME	JA1VRU
	IZ4DPV	EI6FR	N2DPF	N6RV	JA4FM
280	JA8DNV	EW1KP	N6PSE	NW7E	JH1ACA
CT1EAV	JA8EOT	IW0HOU	NV9L	OM4EX	JR1WCT
GM3PPE	JH3KAI	JA8ZO	OE5FIN	SM5FWW	K2CBI
JA3XNH	JK1UNZ	JH1IAQ	PA0ZH	YB1AR	K2SN
JA6TMU	K2AJY	JM1GHT	SV1ACK		N5KM
JH1HHC	K8UT	K3PT	W2OO	268	N9JV
JN7DOS	N9RD	K6UM	W3ACO	HB9BUN	SP6JIU
JR6LLN	ON4CAS	KA8SYV	W3AP	JA1IAZ	VE3SKX
JR7FRW	SV1FJP	KA8ZPE	WA1S	JA1NWD	W5DM
K0TT	UW2ZM	KS3F	WL7E	JH4HMG	
K4WNW	W1KSZ	NA5DX		K2KA	264
PY2DS	W2PP	RA5BM	271	K6BV	4Z1UF
SM5CZK	W3BW	SV9AHZ	4X1RU	KD4W	EA1KP
UT7UV	W8RLS	UA3ECJ	HL4GAV	N2AJ	F6DBX
VK3HJ	WA3C	W7MEM	IK2DZN	N5JB	HB9DHG
W8LGJ			IZ8EJB	SM6BGG	IK4AUY
ZS4TX			JH1OCC	W2FV	IZ0NRG

JA7HRM	WQ6Q	NI3P	WV9L	G3KWK	JR0EQQ
JR4LNG	YB2DX	PY5CC		G3NKC	JR5JAG
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K1CA	261	W7AH	AI6Z	JA4HAW	K9YC
K8RRT	7K1CPT		EA5RD	JE1HRC	K9ZM
N1EN	DK3PZ	258	F6ECI	JF3PNQ	KQ3F
N1GC	G3UAS	CU3EQ	HC1BI	JF6XQJ	OH2IS
PA7TWO	IZ8IEV	DK7YY	HI8R	JH4CBM	PA0JSE
SV1CQN	JA3FHL	HL3AMO	HL3DE	JL1BYZ	PY2FN
VE6AX	K2FW	JA9AGN	IV3TMM	JR1VAY	W7HPW
W5PF	K7LJ	JR3UIC	JK1OPL	K1EFI	W7IU
W6TMD	KM1D	KH2L	KR4F	K5FZ	YL2KF
WV4TN	LA5SJA	SA0AQT	N1RK	KB9DAK	
	N9UA	US0YA	N5BO	N6PM	249
263	OM8FR	W1SSN	VR2XMT	OH7TV	AF5CC
DK4TP	SM7CQY	W5JAY	VU2CPL	W2GW	HL2CFY
EA3CJ	W0JM	W9EWZ	W2/CT1GIF	W2ZI	IZ8GGF
EA4DL	WA5LFD	ZL2IFB		W7CA	JA8FFM
HA7UW	ZS6WB		254	WA4CEM	JH1APK
JA7XBG		257	BA7IO	WA4JQS	JH8GEU
K1KO	260	AF4HX	CT1BWW	WV6E	JJ1QUV
K4KAY	AA9A	DJ0UT	IZ5YHD		K9NR
K8FH	EA8MT	DL9FCY	JF2WXS	251	KF7F
K9FN	EA9IE	EA1JO	JH1VUO	9A4W	N0RN
KN6KI	EC1AIJ	EA7SG	JH2VVH	DL2RTL	N3KN
N1RR	F6HLC	EB3CW	JJ1BMB	HA5PT	NH6T/W4
N7BT	FG5FR	IK2PZC	K0GW	JA1DDZ	OZ5NJ
NA5Q	JA2FBC	JA6OXT	K3SEW	JA1EMQ	SM4OLL
NF1G	JA3VPA	K1SM	KI1U	JA1SKE	UN3GX
SM7IUN	JA3WLN	N1API	LA5YJ	JA5BGA	VE3YV
W0GG	JH3FUK	N6HC	NE8P	JE1VTZ	W0RX
W2XI	JH4ADK	PY2MC	UA3O	K4VIG	W8IQ
WA4LOX	JJ2WOC	RU1AB		K8CW	W9RC
ZS6NJ	K1ESE	SV1VS	253	KG9Z	WB8K
	K8YSE	W3FI	AC9O	KJ7TEA	XE2D
262	LY1G	W8MJ	FG4NO	KM6HB	
CU3EJ	N1SV		JA6IVR	N4SC	248
I5REA	N6MZ	256	JA8XQI	N5UL	AK5X
JA8BAR	NT5V	BH4QYX	JH2PWY	NV4B	DS5DNO
K8AV	SK7AX	EC1A	K1FEV	W2JLK	EA4DEI
LA6UL	SP6A	FG8OJ	K6MKF	W2TB	G3VPW
LA9FFA	TG9NX	GU0SUP	K8DV	W3ABT	HB9DOT
N3RC	WS9V	IK4HPU	KE1F	W4SK	HL2KV
N8OC	WV8DX	JA0KJE	N7XR	W5GAI	JA1PBV
NK4L		JF2VAX	UA0FO	W8OP	JE2VLG
NX0I	259	JH1RGG	W6RW		JJ1SKG
W5ZG	CT3KN	K4JJW	W8GNM	250	KF9UG
W6NWS	DJ8NT	K6EID	WF4U	6K5YIA	N4QWZ
W7LGG	EA3EQT	M0TTB	YB0COU	EA1RT	N4XP
W7QDM	EW1BA	VK3NX		HA7TM	N6KZ
W9PZT	JA8BNP	W6DE	252	HB9EFK	SV1IW
WA3GFM	JE2RDO	W8JRK	DL7UPN	JH6PFY	W8IW
WB8ART	K2UFM	WB7B	F1ICS	JL1MWI	

247 AA7G CT1FUH K1PL K3VAT KH6M N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W	W9FI WA2USA WA3F WA8MCD	240 E21EIC G7SSE IW3GJF JA1DM* JA2FSM K9JU KF0LA N0ABA N4HID PY2GG SM3LGO SP5LKJ UX5UO W0SZ W8WEJ XE1RBV	237 CT1BOY G0VXE HB9CXZ JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL YO3JF	NJ7G NW4M TA1CM W2DXE W7YW	EW4C G3XLF HB9DVO HL2ZN JH0OXS JH3GFA JH6DUL JR3VMJ K4ST K5FNQ KB1DMX N9PGG NY2NY RQ3A SV8DOU W6CYX W9ZCL
246 GW4TSG HL2EIZ IV3KFB JK1WSH JR7GBL K3EA KB6CIO W1KMA W3ICM W5ZO	243 DS5TOS EI2HY G4XRV HB9EBM JA2EPW JS6TWW K8ME W1BR W4PNY WX2U	239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO JE2UFF JH1DGJ K2XF K4QE K8YYY N8SHZ WA6JA WB4KTF	236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX	234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA JK1BSM JR4LZX K0VM K4JC K4MF K6ZZ KE5FXE KE8UM KX2A ND4V SV8CKM W3WST W9MO WA5UA	231 AD5WB DK6OR IK1IYU JA1MZL JH0AWC K2RU KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH
245 AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP K5IB KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL	242 EI9FVB JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K3WWT K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN WC3W	238 HB9MFM JA0LXP JE1PNX JF0JYR K9GA K9OR KA4RRU M0CSD N4PJ N5ZC VU2CDP W3MR W4KA WA4QMQ WB0TVY ZL4AS	235 EA7QW EU1U JE1IBI K0EOO K0VSH K4YJ K5CWR K8ZM N2FF N4IQ NA5Z	233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB KK9H N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S	230 G3LUW JA5NPV JA6AVT JE2EBT JH7WQX JI1VVB K2SY N4TOL W2KA W8FIB W8WVM W9YE WB2NPY
244 G4FKA IK8UHA JA1CZI JI6IHG JN1NBU K0KG K1YR KK1W W0QQ W4REX W5PJR	241 AB5C G8AJM IS0AFM JH1UBK JP1IOF K1XV K7KB KV1E N4OA N9SF W5DNT W5QM WB8CQV				229 AA3LX AE0P AH0U DL8SDC

IK2GAJ	K2SD	SP6AXW	220	SM7WVZ	W1JGS
JA2VHO	KK0DX	V51B	AA6RR	TZ4AM	W4IS
JA7QQQ	KK4OK	W7NN	DL4LAM	WA2NPD	W6SL
K0HD	N2KX	WN6K	EA5DFV		WA6HBR
K3FM	N2SQW	223	JH1OGT	217	ZL2AL
K4CMS	N5ET	AB4UF	K1DJ	IK0CHU	ZS2Y
KD1F	N6BM	AF2C	K1NJ	JA2NNF	
KI4DLS	N9AOL	EA7DUD	K1NTR	JA7ZP	214
N3PS	NG7M	HB9HBZ	K1TZQ	JG5RVQ	3A2MW
N4NW	VE7TK	I8MTQ	K4EU	K1RH	DJ3AS
NE6I	VK4CAG	IK2RZP	K4MIJ	KK2M	F4GVO
UR5FEO	W7HR	IZ8MBW	K5MT	KU4BP	HB9VAB
W1WC	W9DX	K0NV	K6MM	N6QI	JA7DPC
YB1TJ	WB0O	K6IPV	K7AWB	OZ0J	K0QQ
		KI6CG	K9WX	W0TM	K2AZ
228	225	KW4V	KV4T	YO3IPR	N9KW
7J1ADJ	DK5RL	N4ENE	KZ9DX		PY2RO
AA0MZ	DS4AOW	NY1V	ON4ATW	216	SP7ICE
EA5B	EU1M	W8LMG	SM0DSF	AC4VM	W0KCJ
F1RAF	G3SBP	WC4H	UR4IOR	CX2CC	W4WN
F5LIW	JA0EVI		W5THT	DJ3XG	WB6BFG
JA1OVD	JA4CZM	222	XE2X	EA2AFV	
JF1RYU	JF1MTV	AK5Q		I1YDT	213
JF1WLK	JH8NQV	DJ9SO	219	IT9AAI	9A1AD
K4KGG	JL3OUW	DL5XL	F5JSD	K7LV	AG3V
KE0A	K0IL	E77S	HB9BNQ	KK4OW	DK3UA
KE4UW	K0OK	IZ7AUH	HL5BMX	KR4W	HB9HIT
RA3QUA	K1JIU	JM1VRW	IK5QPS	KX4TT	IT9ODQ
UN9L	K2HAT	K2AT	JA1FJJ	LB6KC	IV3FFI
VR2CH	K3SF	KB5UNX	K5CD	NC4RB	JA0LFV
	K4JWA	KS4YT	K5JZ	PS8ACL	JA1FVS
227	K5YU	KU8X	KD2T	W0SR	JG1JPE
DF8FT	MU0FAL	RA4P	KE6V	W5VQ	JG3RWX
DL2RUM	N0ODK	VE7BV	KG6I	WB3D	JR1EFG
I0MWI	NA2AA		KI7AO	WS1L	K5ALQ
JA0DWY	W5GZ	221	KR2Q		N6PEQ
JK1SQI	W5LO	EA2AAZ	KR6C	215	N8GP
K1GE	W5TFW	IZ1JLG	N1KC	9H1EJ	NA2M*
K5GH	W8UV	J11NJC	N6DX	AA7XT	VK3FM
LU6ETB	W9KVR	K4CGY	SV1FKZ	AA8SW	W1LE
N1NU	WE1P	K4MV	W5GA	DS4GKF	W3BJ
N6OJ	YO9FNP	K5DV	W6GRV	HB9IIO	
NA9Q		K5ZQ	WA3I	I5XFD	212
W4DEE	224	KU4XO	WC2K	IZ0BVU	G4ZOY
W5RF	JA8NFV	KV4AA	WW8W	JP1GUW	JA1BWA
W5SL	JO1LVZ	N9JR		JR0AMD	JA3LDH
WA9GON	K1CBK	RU0SN	218	JT1BV	JJ2KDZ
	K2TER	W0BM	DL2NOM	KF4NEF	JR2PZX
226	KZ5DX	WA0WWW	DL4NBE	KO6KD	N4FN
DM2RM	N3RW	WB0N	G4VMX	N8NN	SM5AOG
I0OSI	N7WO		I7PXV	RN9N	SM7GIB
JH1IED	RW4CY		KE3D	W0FG	VK5GR
K2BA	SM7BHH		N4JT	W0TT	W5DAW

WW2DX WY1G YL2TW	DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J*	N8BJQ W7IUO WA3WZR	KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL
211 JE2KSM JJ1JMZ JJ1KZZ JO4JDU JR1JGA K3SX KT2C N1BY VR2XLN W6UC W6WF		205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME WI7P XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD NN9X W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND NN5E RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3ML W3SB
210 AA4LR CU3AN JA7FAS JH6RTO KD4SN KD8RQE LU4FW N8BK PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	207 9K2BM DG5LAC JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR NW7US OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	204 JL1GYZ KB5HC KK8MM KM9E N7ELL VU2IBI W4GP W7IV WB8BZK XE1L	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA		194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EII VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX ND3L PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ LA6OP	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTB JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K9OW K9TF KA1DJ	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX	197 4X4MF BA4TB EA1DLU IV3AVQ JA2MNB K6TAR K8SIA KD1AB W4DAO W4HZ WQ5R XE1H	193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM KM1C LZ2ZG
208 7N3IJT			199 AA3TH AC0X AD4AA HI3T JH0RVY JI1WLL	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV	

NU4B	HL4CCM	187	YB1RUS	NA5S	K0KV
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SM5ELV	JA3AVO	AF6PK	183	W0MS	K2MK
SP5IXS	JH8KFE	EA5HM	IU0ICA	W4DSM	K3OX
W8NN	JI2UDK	F4WDL	JA2KSP	WA6EZV	K8YE
WA9DU	K7UT	IK8GJR	JA3UNA		KF4VTT
WB6CJT	K8ZT/QRP	KM4NS	JE4CIL	179	SM5CBM
	KD0AA	N6VNI	K6LRN	DL5MHQ	SP9IZV
192	N3AIU	W2CG	LA7EIA	IK1ZNM	VK2AAH
F6FYD	N6MXU	W5ZE	NA2U	JA3EEM	W0IKD
IZ7GIT	OT1A	XE1YD	WF8R	JH1XFR	W0JW
K1JD	SM0BYD		YB2TS	JK1JAS	W1AO
K6XN	VA3OKG	186		JR3ADB	W4KVS
KJ4UZU	W2OR	K1BZ	182	K4WZ	WD8KND
KJ4YLO	W9ROG	K5EWS	AE4M	KB7AK	
N4XYZ	WA8LRW	K5QX	I5FLN	KE5TD	176
NC2Y	WB4GLI	K6EGF	I8LWL	KJ6NZ	AD0K
UR3EO		KC6X	JA6SQR	KZ2R	DL6NW
VA2IG	189	N5QS	JI1CQA	N3KV	F4FLF
WQ5T	AA4UC	W8RV	JK1DDG	SP5ELW	G4AYU
YB1TQL	I0LYO	WA5IPS	K5DCW	W0UC	JH8FIH
	IV3KCB	WZ4RC	K7LAZ	W0ZS	JR1FHP
191	JA1SGU		KG4JSZ	W1HS	KK7YC
AA4NC	JG1SWM	185	KL0S	W4CCS	KT8D
G4XEE	K3HW	JK7LXU	KS0JD	W4TUN	KW9U
HA5CW	K5RKS	K0KP	LA5LT	W8QXR	LA4JGA
IT9IPQ	K5TN	K3PP	N4MIK	WC0W	N1JP
JH1FNU	K6UXO	K9AQ	N8NA		VE1VOX
JK1AJX	KY5I	KE5BR	N8NB	178	W4LEW
JP1LRT	N2MEE	KQ4EE	NZ5O	AA8KY	W9WO
K1RI	N6NU	OZ3SM	VU3CAU	EA8AXT	WA3GNW
K3DFL	ON6KE	UN7BK	W6SFK	G4DDL	WD4IXD
K8QKY	RM3DA	VA7ZT	W7WZ	IW0BYL	
KF2OG	RN3CT	W0QC		JA1ERB	175
N4DWK	SM4BZH	W2WG	181	K1ZE	AG5CN
N7MQ	W4AEJ	W6RKC	EI3CTB	K3VAR	EA6UE
NK7C	W5SUM	WV2I	IZ4AIB	KL7TS	IU8IYE
NO0B	W6DPD		KY6R	KU1T	IW1PUR
OV5O	YB4CHP	184	N1HO	N4ST	IZ0CKJ
OZ7DN		AD6ZJ	N6VS	N5FEE	JE3PCP
VK2HV	188	EA5RU	N8AYY	N6DHZ	K1ROA
W5IP	EA7AN	IK0HBN	NM1G	OZ1HPS	KD4POJ
W8UQ	JA0GCI	JA7FVA	NV4A	TF3JB	KF6HI
WB4DNL	JH7NTW	K3JM	UA9AEU	W7HUY	KN7D
WF1H	K2AX	NW7M	W6TK	WB6AXD	N7NG
W18R	K2DC	SM2EJE			NS3L
	N2ZZ	UN7BY	180	177	UA1OM
190	OZ9XU	UT7KF	A61BK	4X6UU	UA9AGX
AA4U	PY2RN	W6BK	AA4AK	IW8CGX	
DJ9KV	W0PE	WB2HJV	DK1NAL	IZ2EWR	174
EC7B	WV4V	WB3BFC	JH1IZR	JE4RAL	AG4Q
F4DSE	YO2DFA	WB5STU	K8SL	JF1LZQ	DL5KUA
G3WW		WX0Z	N7VPN	JG3KLF	HB9HVG

JL6USD	AD3C	N5MT	JR6GHN	KB7QFE	EA2AGV
JR3TOE	CT2GZE	N6MB	K0FLY	KD8MQY	HS8KAY
K1XE	DL5MM	RD3BD	K7CTV	N2XQM	JR4CZM
K5CR	F9CI	SV1IZY	KN4FO	N7WI	N4BAF
K7STO	JJ1BDX	W6FL	KR4BD	NA2P	NP3CW
K9HQM	JS6QOM	WA6QGH	KW4J	OH3PYY	W4NBS
K9UQN	K2TV	WB8EKG	SV2CLJ	PT7DX	W8FN
N7NW	K4NTO		VA7DX	S50B	
NG9J	K4WY	168	W4PGC	SP7QHR	161
TF3VS	KB0V	A92IO	W8SAX	W6SIY	HL3ERJ
W5JMW	KC5LK	AB4GE	WA1ZIC	W9CSX	JP7FSO
W5WI	KP4DKE	EW1P	WA5NOM		K2OP
WA4BIM	N8WRL	JA0PZJ	WB3JFS	163	K4AR
WA4NUF	NA6O	JE4KCN	YO3AIS	4O3A	KM4A
WB8QZM	ON6MX	JH1ORA	ZL3RJ	AA4OC	N7QT
	W0MU	JH3EQP	ZS6IR	AD5MD	N7VZ
173	WA4DOU	K0PC		AI4QQ	NA6XX
AB6CF	WA5KBH	K0PX	165	DS4NPL	OK2ZDL
AI9U		K0RAR	AG6HE	EA1AZ	SM3PHM
DM6MA	170	KF0RQ	CU3HN	F4CPF	W5BK
HB9DVZ	DL2JIM	LU8ADX	EI5JL	HA5BSW	W5RDW
K6UNE	EI5KO	LX1CW	HK3PJ	IK2ULM	W6DOE
K8JE	EI6AL	OE1ALW	HL1VAU	JA0MRW	W9GG
KI6MQX	JA1GVT	R4FAN	IK0XIH	JA4GXS	
LA9VBA	JG1GJH	SV1XV	JE4WOK	K0ABC	160
N7HN	JG1RYQ	VR2MY	JF1KML	K0CF	E70T
N9DR	JK1BIB	WA9IVH	JR1KBJ	K4GN	EA1WH
N9IO	JQ1PCX		JR6LDE	KE1B	JA1ITJ
NC7B	JQ1YIW	167	K3VPZ	KO4PRE	JA1UOA
NX2X	K6JJ	JA8BOV	KG4CUY	KW4MM	JF3VEC
SM0EUI	K7CU	JE3FOR	KG5NP	LA1CO	JG2LGM
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W4DTA	LB7ZG	KB8NTY	N2RJ	N4KM	JK1NPH
W7VAS	N3WD	KD3HN	N3KS	N7KDT	JR1CAD
WA7BNG	N4VN	KE3X	PT2ND	N9LEO	K7LY
WY7FD	N6EM	KH6XT	RA0BA	R3IS	KC9K
	N8VV	N1ZJ	RL3BZ	SM7CZL	N0IW
172	NX4TT	N4PL	VK3TC	VA2LC	N4MEC
EI1DG	VE1OP	N8JS	W2FS	VU2MSA	N5WA
JA1BON	VE2YG	N8OQ	WB2WPM	W1OK	N8IL
K5TA	W0OGH	N9ATF	WB9PNU	W1XV	NI5F
KM4HQE	WA4USA	PT2ADM	WC4X	W4PGM	W1TO
LZ1XL	YO4AUL	PY2SEX		W8MIL	W9FF
N3AO		WA0SXV	164	WB9B	YO8CRU
N5PA	169	WA5NFC	AC4BT	XE2YWH	ZS6RJ
N7GCO	AC0DQ		CT3DL	YO3DDZ	
SP5ES	DM3CW	166	DL7JRD		159
W1ASB	JA1KXT	AL7R	EA3HDZ	162	AA3AZ
W2NY	JE1PHH	DL1SVA	EI6IZ	4F1OZ	CT1ESO
YB4IR	K8ZZU	GM7NZI	IZ0GVZ	AB1J	DD0VE
	K9OT	HL4XM	K6CF	BH4IGO	DK8IZ
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JH1BHW	KN7Y	AJ8B	KD2OV	SM0BSO	W4AG
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K8EB	N9AZZ	JA1IHD	ON4LG	W4NE	
K9QJ	N9MB	JA4HXF	R9JX	WL7OU	147
KC4HN	PY1NS	JA8ANQ	W6RFF	ZS1C	AB9KZ
LA8ZAA	W3HKK	JE6PJP	W7JET		EI7GY
N1MD		JH1AQN	YV4DYJ	149	G3VQO
N4GBK	156	JM1JZN		7N2JZT	I4JEE
N4VG	EA3HPX	JR3QHQ	151	DS4DRE	IS0/YO3RA
NE5S	G4FTC	K5DXR	DF1IR	ER0FEO	JJ0LZQ
NF7D	GM3WIL	KC1ERO	DL4KUG	JA0JPD	JK1OTP
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W1EBM	HB9MXY	W4CIR	JA2BUR	JS6SCC	K5UZ
WD5BJT	JA1CCG	W5TMC	JI3BFC	K1IG	K8MRT
XE1MW	JA2ODB	W8TM	K1QN	K2KIB	KB1HY
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158	JH2AJY	WN7J	K4DET	K4TXJ	SV8RX
9J2BS	JL3DGI		K7LAY	K9EXY	VE3FAC
G4SGX	JM1LPN	153	K9AAA	KD4EE	W3NRJ
IK1UGX	K2HT	HB9BEM	KE4BKL	KM2E	
IK3DVY	KA9OKH	JA3UOQ	KE8G	KP4DS	146
IW0ECV	N5QZ	JH2NWP	KK4CLY	N0STL	AE5B
JJ1KXB	N7RD	JR7MAZ	N7MB	NE0U	EA4D
K4HQK	W1MR	K0YL	NU4I	NU4Y	HP3TA
K8GWU		K3GO	SM0NUE	NZ0O	JA3KWZ
KB2XJ	155	K4OY	VA3EJN	RT0F	JE1COB
KC3AK	5P5Q	K8ROK	VA3HP	TF3Y	K6NR
KF7NN	DK3QM	K9MMS	W3HER	UA9MC	K8ARY
KJ7NO	F6KOP	K9YZ	W5WLA	W1DAR	K8POM
N0SL	G0THF	KF9LI	W6WA	W4MA	KB9AIT
N4XMX	HB9GWJ	KK4XL	WA9JWL	WA1EHK	KM8AM
N6MM	IV3TDM	LA2IR	WC2C	WF7T	N6FS
N8TFD	JA0EBV	M0MCV			N6RK
OH3DP	JA6SUY	N0VVV	150	148	N9MR*
W0JMP	K2DF	OH3FVP	DK3BK	4F3BZ	NJ1Q
W8LIG	K4EZY	SP5NON	DK3FB	A71AM	SM3DXC
WB2RAJ	K4WM	W3DIY	DL9SAD	AE0MO	TF4M
WB9ZNZ	KM2O	W8OM	IT9ABN	AI6P	WA2MUA
WT2P	M0IFT	W8VK	IW7EDZ	F5NNN	WA3SKQ
	N1QY	WB4SON	IZ2MHT	IW5EIJ	WW8RT
157	NH6L		JA7GZM	JF2AIJ	XE2B
AB2E	NK7Z	152	JR7XOD	JR3PKO	YB1BML
E20YLM	NO9E	AC6BW	K5HK	K5LY	ZS6UT
EI2JD	NU1T	AK9B	K8WHA	KA3GWD	
GM4KHE	OE1HHB	BX5AA	K9RT	KB8ZUN	145
JA0NZR	UT7EC	DF2WF	K9UWY	LZ1MDU	5T5PA
JA1UBZ	W5SV	DU1KT	KI7M	N0TK	AA5TL
JA3MHA	YB1AYO	G4AFJ	KX5U	NJ6K	AC7JM
JE3OUW		IK5BSC	N6JOJ	PY2CP	AL7TC

DL1MEV	WY0V	N7TW	137	K3WGR	JM1JIV
EA4S		NS0D	DL2RD	K4OP	K6ME
EA7LS	142	VE3NJC	G3PSM	KC3RKW	KC2STA
F1OBJ	AA4DD	W5VU	HL1MKT	KC9WPS	KG6WIK
JH1CTV	JA1PUK	W9BS	JH1SBE	NX8Y	KI4TZ
K5FXB	J11UHZ	WB1ASL	K2CDJ	S53MJ	KR4DA
KQ5M	K2CJ	WW6G	K2RKJ	W5IO	LA9KY
KS0M	K3GT	YB3MM	K6IRA	W7QHE	N1BKB
N6KK	K9UO		KP4N	WA7HR	NT9F
NS4X	KA6BIM	139	N9NFT	WB3AVD	OH4KRN
W3DQS	KV7N	F5VML	NI4Y	WB6FWS	OH7HM
W7NP	LA1J	HB9ARK	OE3JAG	WB9IWN	VU2ABS
WR7Q	W8WV	HB9DTE	PY3OG	WO5I	W1GY
		HL4CBX	SM5CSS		W3MF
144	141	K0QB	SP3EPG	134	W6OUL
AD0TR	7K3QPL	K2WJ	TA1AL	AB0RX	W9SE
DL6DCD	9H1AE	K9TRV	W2GGY	DL4ZAB	WA6MRK
GM0VIT	EA1T	KX4I	W4UEF	EA6AZ	WB1S
K1TKL	EI3ISB	N0CKC	W9MR	IZ8DEO	YO3GJC
K7QBO	HB9EXQ	N2SG	WA0WOF	JA5SEY	
K8OS	IZ3XEF	N7NF	WA5YOM	JA6GXP	132
N5UE	K2JK	N7UJJ	WG0G	JR0GXA	AA4FU
RN0C	K4RM	R9MJ	WS1F	JR1HYA	AK3E
TF5B	K5VG	TA1PB	YB2IQ	K3KY	AK6I
UY2UZ	K8RCT	ZL3TE		K7FL	I8NLC
W0AIH*	K9AAN		136	K7RAN	IK8OZV
WB9W	KA5SYP	138	AC9GK	K7YZO	IZ0COI
WX3P	KA5VFU	AC5AA	DM5JBN	K9JDP	JA9KRO
	KE7BMG	DL5KUT	G0OSK	K9SUH	K4BNF
143	NZ6N	DL5ZB	IS0EBO	KA9JCP	K5SES
AA4MM	SV2JU	G0FWX	NT5EE	KD2SC	KB8KIM
AF3X	W1ITU	JA0CVC	ON5GF	KF5WCP	KD3UY
EI7JZ	W1NA	JA1VRY	ON5RKN	KN4OK	KG8OU
FM5DN	W3IZ	K2YSY	VE3FRR	LB5GI	KI7HO
HB9AAA	W5GOL	K6CW	W0ANZ	N1AH	KK5ID
JA1MOD	W6HDG	K9BO	W4GH	N2TC	M3DFW
JF2RSF	WK9U	KC9G	W4PV	N6XT	N3TR
K2OO		KF6A	W7KKC	NC6RJ	N4EDT
K6LPO	140	KL7NW	W7SX	PA0QRB	N4QOG
K9BQL	AD9DX	KU9S	WX2K	SM3WMU	NN3V
KE4FW	EI6JK	N3PV		W2KNG	ON6YH
KG6D	JJ1OKK	N5RN	135	W4UAT	PY2OP
KJ2U	K0UBR	N9BVA	AA5H	WB1DX	SM7DXQ
KJ4R	K4AU	OD5YA	AB4FH	XE2AD	UW7UA
KN7K	K5GZR	PV8ABC	F6FHZ		VU3WEW
LB2TG	K6EV	V31CQ	GM5YTT	133	W3KHZ
N2YBB	K6GCN	VE3MSC	HZ1GW	7J1ABD	W4MC
N4UP	K7VC	W0UHL	JA1DCK	DL8OH	W5FL
N7ZA	K7YMG	W4DWS	JA3MIO	G4NBS	WA1HXX
TG9AJR	KO4DKI	W4EJG	JA7MWC	GM1BSG	WA1KXV
W4JVN	LA8PDA	WA1LAD	JJ1HLL	HB0WR	ZS1EL
W4UFO	LZ2HM	WA5POK	JL2ULM	HK4EB	
W7VS	N5JED		K3HPA	JA5IBP	

131	VK5CE	JR1LZK	AF8C	WW5L	N9ATD
EI5GM	W7TG	K2GW	EI8GS	ZL3REX	UT9LC
JH1IIY	WU7X	K7LFY	G4EHT		W1ES
JK8VMB	XE1ILI	KF3N	IK8PGE	123	W1HEO
K0ARM		KS8W	IZ8EYN	AB9BH	W1KKG
K7GA	128	LA2LI	JP1GVC	AE5FM	W5HNC
KA5IAU	A71XX	N0AB	K0MD	AI5EG	W6HB
KB3IFH	EA1AHA	N0DL	K5NOF	DJ6OZ	WF5I
KD2NF	EA3NG	N1BZ	K9ARZ	DS4DBF	XE2MX
N0AKC	EI3IO	N3GTG	KK5J	G6NHU	
NG4DX	F4GTB	NA1RL	KK7BR	IK0XKP	121
NN6K	HL2DBP	ON5EQ	NA7RH	IZ8LMA	AB4BJ
VE3NKS	JA6NQT	VE3EDY	NN6CH	JA1GLE	AK0A
W5EC	JH1AWJ	VU2TMP	SM5AFU	JA2HOL	DL7UGO
	K6OJ	W0MF	TF3MH	JH1RVQ	DS4OMS
130	K7PTC	W3KN	W0XE	JL3RNZ	HA2EQD
AA4QE	K9YKL	W4BH	W3ATV	K2JGL	IK6BMU
DL1SWN	KC2WUF	WA2BOT	W4AO	KC2THY	JA1CPN
JA2LMY	KD5R	WB2KSP	W5CWQ	KD0KZE	JA1EYN
JF2OHQ	KG2U	WB9TFH	W6PG	KG4OJT	JA1WTO
JH3PRR	N0JR		WA4TMJ	LA2XNA	JE2DOD
JL4BSE	N5EI	126	WM4AA	LX2SM	JI5WDC
K2MHE	NR0Q	CU7AJ	WR2G	N1GFV	K1LTJ
KI0HA	R3BB	DS3EXT		N6DVR	K3CWF
KN4JX	UR9IDX	EI4HH	124	N9RE	K9MQ
N2YF	W0QD	IK4TVP	7L3SQL	OH3TY	KK4ODQ
N5JEY	W5MF	IU8GNY	DJ3EJ	PY2ADR	KU2A
N7TM	W6IS	JA5CDL	EC4KW	SV7CUD	N3ER
NS4F	W8BI	JA5XPD	EI8IQ	VE3VHH	N5ZY
OZ6TL	W9EBO	JH4GXE	G4RGK	W2ARP	NA2R
PU4MMZ	W9TO	K2GLS	IT9YOZ	W2WGK	NA4MM
W1MO	WA4UWD	K5KDX	IZ0FYW	W4UT	NY4G
W2FDM	WC4V	K5WRE	IZ1UKF	WB8TGY	OZ6EI
W9CTJ	WP4CQ	K7PO	IZ5BYJ	YB9WZJ	PP2FN
WB8RFB	WQ1H	K8GT	J11DMH	ZS6NK	TA1L
YO8PS	ZS6AKU	K9QA	K3SUI		UA0FDX
		KC5RR	K6VVK	122	UR5FLN
129	127	KK4CB	K7HC	AA0BH	W3/NH7C
AD6KQ	7Z1HL	KM4CQG	KB8DID	AA5B	W3JXP
AE7U	AG4TO	KS4WA	KC2NJ	AB5YI	W4CC
DS4EJA	DJ5DT	N1GNB	KC4AA	DB4RG	W4KCM
JA0AVS	DL9GTB	N5HC	KD9ZR	G0HSA	W5UQ
JA1PLT	EA4TX	N8YQX	KE8NOA	HC1HN	W7PC
JA2ACI	G8BCG	N9XG	KK4TKJ	JA9ALR	W9MB
JA3WMS	HB9TJG	VE3TMG	KV8P	K0HQW	WA7HQD
JH1RFM	HK6K	VK2DAG	N0YO	K1AJ	WB7BBQ
JM1CMA	I2YPY	VR2VGM	N4LSJ	K3DQB	WQ8T
JN1SUT	JA0BES	W7FI	N5VBK	K4VAC	WT3Q
K7ORK	JE2VYM	W9COS	NT4K	K9KJ	WU9D
KB4KBS	JG1LRE	XE3E	W0DD	KB4ET	
KN4WOJ	JG5DHX		W6ELI	KN9N	120
N9AVC	JH1HRJ	125	W6ND	N1ZZ	AA2T
SM2YIP	J11MNT	AC4XO	W8PAT	N4GRC	AC4TO

AE5LK	AE1T	EA5GX	W3UNX	K2KNB	W5GCX
AI2S	AJ6X	EI4BZ	W4OV	K4JDJ	WB2UFF
CT7ABD	DJ9KM	G8GHD	W5WS	K4JLD	WD8LTM
CU2CE	IZ0RPS	IZ2CSX	WB4MM	K4TR	WF4W
DS3DNT	IZ1JIZ	JA2KPW	WJ5K	K7BWC	WJ1B
DS5QLJ	JA6CMQ	JT1CO	WS4H	K7MO	WN1M
F5AQB	K9GWH	JT1DN		K9DUR	ZL3PAH
IK8IPL	K9KJS	K1EO	114	KA5OWI	
IT9JPS	KA9JAC	K4GHS	G3CWW	KB1OIQ	111
JA1DCO	KB3KJ	K4LCP	HC1HC	KB2TGU	AD7XG
JH5OTE	KD9BIE	K8JRK	I0BJV	KC0V	AJ6V
JJ1XVA	KG5VK	K8MN	JA1CCH	LU3JVO	AK4N
K3QB	KX6C	KC1RET	JA1CPU	M0NGN	EI9CN
K9CHP	KY6AA	KD5RBU	JA8EIA	NA9L	F8DZY
KJ6Y	LZ1XZ	KQ5S	JA8WGX	S52R	G4ZWY
LU3XX	N3HYB	N0ATQ	JG4OOU	SV2DSJ	HB9ECS
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N2SO	W4VG	N4KEB	K2IRM	W1FC	JE1TNL
N3DV	WA7ZXD	N6DW	K3PL	W3JM	K2KYH
N3GS	WA8RCK	OE6CLD	KB1W	W6BBS	K5NV*
N4UFP	WB5TOI	RW6MBC	KI8AE	W7CD	K8ZEE
NJ8G	ZS2I	SM1NJC	N3DD	WB9YJE	K9JIG
NR2D		VR2IL	NA1DX		KI2Y
VE3QAA	117	VY2RU	NG8T	112	KM5VI
VR2ZXP	AD7L	W1HQ	NK5K	3C3CA	N4NYY
VU3RGB	CE3FZ	W7WES	W0QKL	7Z1CQ	NT5O
W1RG	F8EZE	W9LU	W2ZK	DL5FAC	PT7CB
W5RYA	HB9MZI	WA4VJK	W8LR	G0DTX	TA1UT
W6GJB	IS0BZR	WW5RC	WD0AJG	G3YFE	TA2RC
WT5L	IZ7QFN		WN0L	GM0SCA	TA7AZC
YB0AZ	JA9KA	115	WT9U	IK4EWN	W7WT
	JM3GXU	AA9WO	XE1EE	IS0BQE	W8PE
119	K0FF	AF7WM	YB2BNN	IU4BJC	WB8PKK
DL2VWR	K4AEH	E74A	ZS4JAN	JA4RED	WU4B
F5BAR	K9LCR	HL4RBR		JF3AHI	XE1ZTW
HL2MHU	KA4AHU	IW2FLB	113	JH0LME	
JA6JYM	KB2S	JA0NPQ	AB1NS	K0XM	110
K7LOL	KB5CSQ	JH8LEY	DL2DCX	K4HEB	AC0B
LU9DO	KO4PY	JJ2VLY	EA5DPL	K4ZMV	AG5Z
N8LCU	KP4ED	K5TU	EI2FG	K4ZRJ	CT7ANG
ON8PHD	KZ1X	K8CR	F5EOT	K8CJY	DK4MX
SV1BYI	N8AGU	KB4CRT	F8GB	K9KDS	EA1BLA
SV2KF	VE7NY	KB7V	G0UII	KH6P	EI9HX
VK7AP	W3LWH	KG4URP	G4NAQ	N0OK	G4VWI
W1ZK	W4ARK	MM1PTT	G4YCS	N8AID	G6MXL
W3MRL	W4PG	N7PIB	HB9GZE	NQ4A	HB9BEP
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W8EOG	YO6HOY	NG0G	JA4CSJ	S51DV	IZ1EPM
ZL2AO		NW6V	JF1AZQ	SP2LLP	JF3KOA
	116	OE5MPL	JG0HEW	W1USN	JH1FRW
118	6K2ILX	SP5BMU	JH1GNU	W3WN	JR2PAU
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K4RP	W4JDS	E73D	G0OJG	JJ2BLV	K1TWF
K6DJ	W5SG	EA2BFM	G0RPM	JK1AIA	K2CQW
K6SLO	W7CB	EI5GSB	G3LPS	JK1AKA	K4WW
K9TVG	W7VP	IC8XIL	G4FVZ	K0MB	K5JUC
KF8PD	WA6URY	IW1PVT	HI7SB	K1ETA	K7UW
KN6HIP		JA3MAT	IZ4IRO	K5WE	K8WVA
KV3W	108	JE1CTA	JA3AOP	K7CMZ	KE4YOG
N1TQ	7M4CLF	K0FJ	JA3FRI	K8FB	KE9V
N3YZ	AC8MR	K2FJ	JF7NNI	KJ8N	N1FOJ
OE6BME	AC9DX	K2ZD	JJ1IRS	KK4MA	N3PW
PV8AJ	DB9CR	K4LQ	K6VWE	KR0P	N4PAJ
TF8GX	DL1TPY	K6DLB	KA9TOX	KZ4EX	N4ZR
W1ZZ	DL2AMD	K7UWR	KD2RUY	LA9JKA	N8TEM
W5JE	DL2NAI	KA4LBD	KI4NSP	LZ1JZ	N8WXQ
W6TCP	DM5TI	KB0EL	KM8V	N2YU	NA8W
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W8TE	E70X	KF6XA	M0PCB	N9IXD	OZ9U
W9GFB	EA5XV	KI0KN	N4DJT	NC1M	PY2YW
W9JJ	G5CL	KJ4FZ	N6UOZ	NK7L	R6TY
YB1SKR	IK1RKN	KR4U	N7MW	OH6IH	RV4LC
YO5QAW	JA2DCN	LU5OM	N8OYY	PV8RR	VE3ZN
ZS5LEE	JA2KGQ	N0MHL	N9ZJ	VU2DED	VK3MB
	JH1OVY	N1UZ	NG4C	W1MRH	W0VU
109	JR4NUN	NC7M	NI7F	W1PY	W5PD
AA4RX	K1FUG	NI8Z	NS7K	WB8LEM	W9GXR
AC8AZ	K3XO	OV2B	PT2DF	WD4OHD	WB4HMA
AF3K	K8LBT	PP5VA	PY2OC	WK3A	WB7QXU
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F5DBT	KE3ZT	SV3EXP	VE3BHZ	YU1LD	WX0B
F8DHE	KE7AUB	TA1CQ	VE3XK	YV4EH	YB1BUL
G0MMI	KI4SFT	UX5XK	VU2MB		YO6HSU
JA5GOJ	KJ2AM	V31MD	W0TLX	104	ZS6HON
JA9IWR	KJ4SKO	VA2GA	W4/KL7GLL	7N4OBV	
JH4GNE	KO4XI	W5HY	W6KF	AA2WC	103
J11ZS	KW1X	W8JA	W7GB	AA6XV	AF8P
K0FD	LU2AH	WB2BXO	WA3IIA	CT3DZ	DS5JMG
K4AEN	N2IFA	WB2MKX	WA8Y	DD8BA	EA2RY
K6JAD	N5FPW	WC2L	WV4E	EA4EJP	EI9GLB
KB3Z	N5TW	WM4W	ZL3RIK	EI3HA	FM4LV
KB7DT	N7TP	WS7I		EI4GNB	HB0RER
M0AQM	TF1A	WU1U	105	F6ARS	JA7HYE
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N4WD	W4DVG		AI1W	G0DRM	J11FXS
N6RVI	W6CN	106	AP2IA	GW0ANA	JP1KHY
NN8L	W7SMW	AB6WQ	DL9GTK	HA5DI	K0OOK
NW6R	WB5ZAM	AC7DX	E29TGW	HB9BMY	K1FBI
NX1P	WC4B	AC8IL	EI6GF	JA1CC	K2RNY
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PF7M	107	DS5MNO	GM1TBW	JA1RBY	K3TXW
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SP7ASZ	BG8PA	EW4DX	JA1JYS	JI4HKA	K4PWS

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K7HV	W1GF	N4PF	F5JWH	M1EMC	WK7W
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KA7CVJ	W7FS	NJ2X	G8GFF	N0KM	WM9Q
KP4DDY	W7HJ	NZ1I	G8GNI	N0VTZ	WU1T
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M0UPL	W9GWP	PA3AIN	HB9HFM	N3NVA	YE1AR
N1MIE	WB4PWZ	R2ARR	IK7NXU	N4GOA	ZS6CR
NB3R	WB7QBS	RZ6MJ	JA7PKV	N5CR	
NI5G	WD6T	SV2BXA	JE7KCI	N5LJL	
RX3BP	WD9IOK	SV4FFL	JG3LDD	N5LKE	
VE7XT	WN9A	TG9AKH	JG5VFK	N7WFK	
W0PPA	XE1SAX	UA4PK	JN1RFY	N7WR	
W2SUB	YB0EIN	VK4BUI	JR4VEV	N8HM	
W4CU	YB9AY	VU2OT	K0JDD	N8URE	
W7KHZ	YO6BHN	W0ZX	K1HC	N8XS	
W7UV	ZS2ACP	W2FDJ	K1JX	N9MKC	
W8EH		W2GHD	K1PTF	ND0B	
WA8KNE	101	W3RMS	K2UF	NE3K	
WC9C	AA9D	W3SW	K2UT	NX6D	
YB1ALL	AB2NI	W4PM	K3NO	OM2AGN	
ZL1IM	AB4EJ	W6OU	K3RRR	OR4K	
	AB8YZ	WB5KSD	K3WSU	OZ1GCT	
102	C31MF	WM5H	K4GM	OZ9GA	
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AC0XY	EA8TZ	YB8HZ	K5KEW	VA2EU	
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IC8SQS	G4PUQ	100	K5PSN	VR2PX	
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JH1IHG	IK2HLM	9M8DEN	K5YE	W0RMS	
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K2DH	JA1QEY	A71EM	K9EA	W2MW	
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K4HR	JA5JUG	AC0DH	KA4H	W4DFU	
K6BLG	JK3NSD	AD4J	KB4DSL	W4YR	
K6JAV	K0GEO	AE4VJ	KB6IGK	W5YKU	
KA1CTL	K3AXB	AF9W	KC5N	W6OZI	
KA8HDE	K3LA	AK1P	KD1DT	W9KM	
KB1AWM	K5HX	AK4AO	KE1IU	W9ZT	
KO3F	K8PGJ	DB6VH	KF5MDZ	WA2ALY	
N2CJN	K9GL	DC1TK	KF5TL	WA2VJL	
N2FY	KB5YN	DK1MCS	KF9EX	WA3UTC	
N4IR	KC3OPI	DK7GH	KG4IYS	WA3YZD	
N8KOJ	KC4ZA	DL3ANK	KI0G	WA6VZN	
NA4D	KE9UA	DL5JH	KI3O	WB0RXQ	
NN5O	KJ5RC	DS4GQR	KI4PG	WB2ZEX	
R9GM	KU4A	EA5PS	KK6MF	WB6RAB	
S51MA	LA3ANA	EI2HZB	KL2R	WB6RJH	
SM0XG	M0PTZ	EI4DQ	KL7XO	WD1M	