

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 11 Jan 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	JR2KDN K4DY KF2O N6AR	PY4OY SM3NRY W1DIG W7UT	SP8AJK W0MHK WK3N	SM5CEU SM6CVX WB9Z	W5OZI W8UVZ WB6RSE
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC NN4T OH2BU OZ3PZ	337 DL4MCF I4LCK JA3FYC K1ST W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX G3XTT JA0EOK JA5AQC JQ3DUE K4XO K4XP N4XM N8DJX OE6IMD SM5AQD SP2FAX SP3EPK UA6A W1YY W4PK WD5COV	332 AA7A DF3GY DF4PL DJ8NK EA5RM GM3YTS HB9BGV I4AVG IK4DRY JA0UUA JA2FBY JA4DLP JL1UXH K0IEA K1OA N2LT UA4HBW UT7QF W5BPT W9RPM	330 DJ2YA DL1AMQ EI7BA F6BKI HA5WA IK4BHO IK6DLK JA1ADN JA3EMU JG3QZN K3WC KD5M N4JF N8JV N9IW NR1R OE3GCU OK1MP SP3E VE3FF YO5BRZ YU1FW
346 N1DG SM3EVR W9ZR	340 AA1V DJ9KG EA8AK JA4DND JH4IFF K4UTE N0AT PA3FQA SP5CJQ VE3EJ	336 AA6YQ G4BWP JA1WPX JA2JPA K2FF K4HGX K5RK N3XX PE5T VE3XN W0BV W2LO	333 F6AOJ F6EXV JA1HGY JA2KVD JA5MHD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP R7LV	331 DJ9HX EY8MM F6DAY IK8HJC K4MWB LA5IIA LZ2DF N5ZM NJ6P PY5HOT UT5UGR W4DKS	329 GM3POI HB9BZA I4MKN IK5HHA IT9DAA IV3JVJ JA2JW JA7KY JE2URF JH1GZE
345 HA0DU OH1XX	343 K3FN K4MQG N4MM VA3DX W3UR	335 AG9S G0JHC JA1BK JA4LKB JA5AUC JH4UYB K8SIX N0XA N5UR OK3GU			
344 JA2VPO K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	339 CT1EEB IK1GPG JA1UQP N4CH N8DX SM3GSK				
342 DF3CB	338 JA5EXW K9NU				

K0EU	SV1RK	323	JA3AZD	W5WT	SP1JRF
K1HTV	W5XX	AD5A	JE2LUN		UA3DPM
K4CN		EA3GP	JH1IFS	318	W7MO
K4ZYU	326	JE1SYN	JH3VNC	A45XR	W9ILY
N5AW	I4EWH	JF1KKV	JH4ADV	AA4HP	YO7LCB
NI0G	JA7MSQ	JH2FXK	JI2KXK	DJ4AX	
NO8D	JA9APS	JJ3PRT	JR3OEH	DL6KR	315
OZ1CTK	JF1WPB	JR3GWZ	K2VV	G4PWA	9H1SP
R4GM	K8PT	KF0QR	K6FG	HB0CC	AB3CV
SP6CIK	LU2NI	N5TY	KV7K	JH4JNG	AB6QM
SP7GAQ	N7RT	NY0V	N3NT	K2TE	DJ5FI
SP8NR	RA3CQ	OH2BLD	N4PQX	K4IQJ	G3VKW
W0DJC	SP5DIR	SM4DHF	OE6MDF	K5BG	JA8RJE
WA1JMP	W8DCH	VE2TZT	OE8RT	K5DU	JR2BJE
	YO9HP	W3LL	SM6DHU	K9IR	K8NVR
328		W3NO	UT7UJ	K9YY	KE9L
AA1ON	325		W4FC	KX4R	N5DG
AA5AU	EU7A	322	W8GC	LA2PA	N5OK
DL7MAE	IZ0AEG	CT1BH	W8OI	PY5EW	OE3EVA
G4OBK	JA2FJP	EA2IA		R3VA	ON4IZ
IZ5EKV	JA5WIZ	EA5BY	320	RA7A	PY2NQ
JA1SJV	JS2LHI	G0DQS	DF2RG	VE3LYC	SM3VAC
JA6BZI	K0DEQ	HB9DHK	F5PAC	WP4U	UX1UA
JI4POR	K5EK	IK4GME	G3TXF	YO3APJ	
K4QL	K9EU	JA4FKX	I2EOW		314
K9CT	OE2LCM	JF3KON	IK5PWQ	317	CT4NH
PY5EG	ON4IQ	JH0INP	JA3PIS	IK8YTA	DL6CNG
RU3FM	R5AJ	JJ2LPV	K1LD	JA2IVK	DM5EE
SL0ZG	SM4EMO	JR2LJO	K7NN	JO7WXN	G3NDC
W2IRT	SP1S	K2UO	N4II	K2RW	IZ8FFA
W4UM	SV8CS	KU0A	N5XZ	K6YUI	JA2AH
W5FKX	W1ECT	N1NK	SM5KNV	KA9CFD	JA2ZL
W5ZN	W1RM	N4DW	SP7VC	N2BJ	JF1PUW
	W6RLL	N4NX	UY5ZZ	N4QS	JR4OZR
327	W9OP	N8RR	VE3EXY	RW3RN	JR9LKE
AB4IQ		ON4CD	W6XA	SP1MGM	K1BD
CT1APE	324	OZ1AXG	W7AO	W6VX	K2LS
CT1IUA	DK9KX	R7DX	YV1DIG	WX4G	K5AQ
DK5WL	DL5DSM	UA3AB			KB0EO
DL2OE	I0WDX	UA4CC	319	316	KC9ARR
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EA5BM	JA2DPC	W5CIA	FK8CP	DL5WW	OE1AZS
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JI8DGO	K5KC		JI1DHY	IK2QPR	SV1DPI
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PY2YP	OE8HIK	G4CCZ	N4DB	K3WA	UT9FJ
RZ3AM	R3OK	HB9BIN	ON4AOI	K4HB	UX0FF
SM2GCQ	SM6CCO	IK2YCW	PA3EWP	K8YTO	YU3AA
SM5CZQ	SM6CMU	JA0GJJ	SV1FJA	KQ8M	
SP6M	W9OL	JA1XEC	UA3AP	LA7HJA	313
SP9DWT	WB4TDH	JA2BDR	W3KX	RV3LO	5B4MF

AA5AT	JA6VQA	W2QO	SM3NXS	SP2BMX	K6SIK
AB9V	JF2UPM	W9MU	UT2UB	SP9JZU	KM4H
AC4G	K4EM	WA8WV	W1YM	W0VX	LA3WAA
CT1GFK	K4SO	YS1RR	W5XC	W4QN	UA9FAR
HK3W	K8FL		WA5VGI	WD4LBR	UN6T
JA1GRM	LA7AFA	307			VE3BW
JA5IU	LA9AJA	DK2JX	304	301	
JR1BLX	MD0CCE	EA6VQ	DK5AD	AA5AM	298
JS3CTQ	RL9F	F2JD	DL5EBE	AE5E	5B4AHJ
K6KLY	SP6HEQ	G0BLB	JA1IZZ	F4BKV	AC0A
LB8DC	W0YG	HB9SLO	JN3SAC	HK4SAN	DL7BA
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SP3CGK	W7CT	JA2XW	K8GI	JA0DIN	HP2AT
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ZS6EZ		JJ3HGJ	N9RS	JA2WYN	JR7WFC
	309	K2SHZ	UY5AA	K4SE	K2PK
312	EA8AKN	K3RA	W5AJ	K6RO	K8EUR
CT1DKS	JA1EOD	K9MM	ZL3JT	N9AU	N8TR
DK1FW	K0KX	K9RX		NQ1K	ND0N
EA7TV	K1AR	NI6T	303	RN3QN	PY2VA
JA1ANR	K8QM	NS6C	EA3GHZ	SV2AEL	ZL1BYZ
JA1SYY	K9ZO	OZ4O	G3LZQ	US5WE	
JA1XCZ	NE1B	W6ENZ	HL3IUA	WB5JID	297
JA7QVI	NN4SS	W7OM	IK2RPE	WE9R	DL4CF
JA9CWJ	NU8Z		IK4ADE		E73Y
JH1QAX	R9TO	306	K5WAF	300	HB9BOI
K1HT	RA0FF	DL1KUR	K7WP	AA8CH	HB9CQK
N1IBM	RX3AGD	G0OIL	K7ZA	DL1TRK	HL4CJG
N5ORT	SM2OAN	HA1RB	K9US	EA1AF	IK5RUN
RU3QR	UA4LY	HB9DDZ	RL3FA	HB9DDO	JE7JDL
SV1CNS	W2JU	IK4PLW	RW4NN	IZ5RVG	JE8CLT
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	308	K0KVR	SP7ITB	K3XA	K8WK
311	DL2CHN	K5XI	W1SKU	K8GG	KG7H
F3SG	IK0PEA	N4TL	W7DO	K8TL	KT1J
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JA2XYO	JA7IC	R9FM	ZS1LS	KB1JZU	
JA4MRL	JA9TWN	W5ADD		MM0EAX	296
JA7JWF	JF8QNF	WB9CIF	302	PA3CSR	AA8OY
JR1BAS	JH1NYM		DJ5JH	UR5EDX	EV1R
JR6FC	JH1SJM	305	DJ9ON	W6TC	JA1SVP
PY2XU	JL1RUC	A65BR	EA1N		K6FW
SV2DGH	K0GY	DJ4XA	F5CQ	299	K8VC
UR0MC	K2UU	JA1VSL	I1EIS	CT1FMX	LA8PT
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295	292	VU2NKS	K0AZ	EI9FBB	W7ZJ
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DL1DUO	DL5CW	W3OA	N7IR	JG3SKK	W8TN
IW0SAF	EA5AT	W4VIC	R9SA	JH3SIF	XE1KK
JA1BPA	G4GIR	W5VY	SM5ARL	JN1BMX	280
JN1RQV	G8DX	WB9EEE	UN7JX	LA3MHA	GM3PPE
K5VIP	HB9TKS	XE2CQ	W1VT	SM0CCM	HA5VZ
K5ZK	IZ3ETU	289	W4YCH	SM6CTQ	IZ3ENH
KB8VAO	JA1JAT	AJ6T	W7BEM	SP3IBS	JA2IYJ
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RM0F	K7ZD	IW0HQE	WA6F	W4FQT	JF1NZW
SP8HKT	LU4FPZ	JA3EOP	286	W5ODD	JH1BNC
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VU2PTT	N8II	JA9FAI	CT3HF	283	JR6LLN
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HA9PP	GM0AXY	R0FA	JA2FGL	K3WW	W8LGJ
HB9CEX	JH1BAM	RA1QD	JA5BEN	K5DHY	WA9PIE
JE1GWO	K3PA	VE3EK	JF2WGN	K9NW	WN6W
JG8FWH	KP2A	W9YSX	K1GG	KJ6P	ZS4TX
K5MC	LA5HE	YB1UUN	K1LPS	LA8HGA	279
K7ZV	N2TN	YO2CMI	K1RO	OE8SPW	JA0PE
KZ4V	N4RWG	288	K5PS	W1LW	JA9IFF
N0KV	N7RO	4Z4DX	LU8EKC	W6BJH	JE8TGI
OE5BWN	VE3CFK	IK0HFO	N8SNM	282	JF2XGF
RU6L	W9FR	JE2DZC	W3GQ	GM3YOR	KF2DT
SV3DCX	ZS2DL	JR1DUP	W6PJ	JA1FQI	UN7LZ
293	290	KD0Q	W8AXI	K5UO	VE3DZ
AA4R	9K2OD	N6UK	285	LZ2JE	VK3HJ
CU2AP	AA4A	NA5C	4X6ZK	ON6AA	W3JX
DL1HRN	EC3A	PY2KP	AJ9C	RD3AW	278
DL1SMA	I4KDJ	S57AT	CU2DX	SM4CTI	9A4T
EA3WD	I4KDJ	UA3AGW	DL2SWN	UA0BA	E72A
IV3YYK	IZ4MJP	W1EQ	EA3GHQ	W4OX	EA8RR
JA2CXF	JA1KQX	W1YIF	IW1QN	W7AL	EI9JF
JA3RQ	JE1LFX	W2LE	IZ0RVI	281	F2NH
JA7LGE	JE2EHP	W2NO	IZ8DFO	AD5Q	JA8LRG
JA9GPG	JK1TCV	ZS2EZ	JA2VMU	CT1FCX	K2UR
JM1FHL	K0BBC	287	JK1GOK	EA5OX	K5RT
K4JAF	LA2QM	9M6YBG	K0TPP	EI2GLB	KD0PO
K9SM	LA5LJA	AA8LL	K6GXO	F3AT	SM0NJO
N2LM	LU3CQ	HB9BAT	K6PJ	IZ8FDH	VE3CRG
PY2IQ	N9FN	IV3GOW	N8LJ	K0GD	W8MHW
S55DX	PP1CZ	JA1WSK	OE1WHC	N2WB	ZL4TT
W9AJ	SK3PY	JA2ATE	WK7E	N5GH	
	SV3AQR				

277	KS3F	N6TA	SM6BGG	DF2GH	W6NWS
EU1KY	OE2GEN	UA3TT	W2FV	EA1KP	W7LGG
F5UJK	RA5BM	WA3C	WA1YTW	F6DBX	W7QDM
HB9RYZ	SV9AHZ			HB9BUN	W9PZT
JA3ENN	UA3ECJ	270	267	IZ0NRG	WA3GFM
JA8EOT		AA6AA	AA4FL	JA8ZO	WB8ART
JH3KAI	273	CT1EAV	JA2QXP	JR4LNG	YB2DX
K2AJY	JA2TBS	CT3MD	JA7BEW	K1CA	
K8UT	JA6BEE	DK8MCT	JJ3CJP	K5VWWW	261
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W9MJ	OH1JP	F9XL	ND4X	PA7TWO	K7LJ
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	UR5WA	K0BJ	SM5BMB	W5PF	NX0I
276	W1OPD	K7UA	SM5FUG	W8MET	OM8FR
DK3WW	W4HG	K9JF	W1KSZ		SM4AZQ
HB9LCW	W8QZA/QRP	N4JQQ	WA0MHJ	263	SM7CQY
IZ5BAM		N4QQ	WB2BIN	AB4SF	W4UCK
JA7FWR	272	PU2POP		DK4TP	ZS6WB
JA7LMZ	AF9H	VE6LB	266	EA3CJ	
JA9NLE	F5PBM	W8HC	7K1PTT	EA4DL	260
N5MOA	HK1MW	WL7E	EI8IU	HA7UW	AA9A
ON4CAS	I5OYY		IZ8VYU	HL4GAV	EA8MT
RX4HZ	IK5PWN	269	JH1HHC	IZ4DPV	EA9IE
SM5CLE	JH0BQX	IK8EPC	K2KA	JA7XBG	EC1AIJ
VE1JBC	JH7BKN	JA1OVF	K8AJS	JR8AMF	FG5FR
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W2OIB	K8BL	K0KT	N6PSE	K8FH	JA2FBC
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	N9RD	NW7E	RA4CA	N7BT	JH3FUK
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JA2JRG	SV1ACK	SM5FWW	WB2GAI	ZS6NJ	K9FN
K1DT	W2OO	W1MK	WB3LHD		LY1G
N2JJ	W3AP	W3ACO		262	N6MZ
N7KA	ZS1A	W4MAY	265	CT1BWU	N6RV
N8PW		YB1AR	G3WPH	CU3EJ	NN4X
PA7RA	271		JA4FM	I5REA	SK7AX
WO7R	4X1RU	268	JH4HMG	IV3VBM	SV1FJP
	AA8R	7M4AOE	JO4CFV	JA8BAR	TG9NX
274	I1FQH	CT1FPQ	K2CBI	JG1OGM	WA5LFD
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EW1KP	IZ8EJB	JA2XCR	N9JV	LA9FFA	259
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IW0HOU	JE6TSP	N2AJ	W7MEM	N8OC	DJ8NT
JH1IAQ	JM1HJG	N5JB	XE1MEX	NK4L	EW1BA
K3PT	K3PU	NA5DX		ON5UE	JA4VLK
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	AI6Z	JA1BNW	NU1B	N0AH	K4PB
258	EA5RD	JA8UIV	OZ5NJ	NZ3O	K7FEL
CU3EQ	F6ECI	JF3PNQ	SM4OLL	S55ZZ	N2NS
DK7YY	IV3TMM	JH1ACA	UN3GX	W5DM	N4HB
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SA0AQT	KR4F	LA5YJ	W9RC	244	VK3BDX
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US0YA	NA5Q	W7CA		IK8UHA	241
W1SSN	VR2XMT	WV6E		JA1CZI	AB5C
W9EWZ	WQ6Q		248	Ji6IHG	AF5CC
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	254	DL2RTL	HB9DOT	K1YR	IZ8FWN
257	BA7IO	JA5BGA	JA1EMQ	K6EID	JF6XQJ
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BA4RF	E72U	K1FEV	N4XP	KF7F	K7KB
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EA7SG	JA3VPA	K8CW		OE3HWC	W3ABT
EB3CW	JF2WXS	KG9Z	247	SP6A	W5DNT
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IK4AUY	K3SEW	N5UL	HL3DE	W5PJR	
IK8VRH	KI1U	W2JLK	JA1DDZ	WA3F	240
JJ1DWT	KI5BLU	W4SK	K1PL		7K1CPT
K6EME	N4LR	W5GAI	K3VAT	243	DH2PC
N6HC	UA3O	W6DE	KM1D	CT1FUH	GU0SUP
PY2MC	W7YAQ	W8JRK	N7DED	CT3KN	HB9EFK
RU1AB		250	VE3YV	DS5TOS	JA1DM
SM7IUN	253	CT1DOF	W8IQ	G4XRV	JA2FSM
SV1VS	HB9DHG	HA7TM	WS5W	JA1PBV	JR1WCT
W8MJ	JA6IVR	IK0UTM		JA2EPW	KF0LA
	JA8XQI	JA8CJY	246	JE1HRC	N0ABA
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BH4QYX	K6MKF	JR0EQQ	FG4NO	JR5JAQ	UX5UO
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FG8OJ	KE1F	K4KAY	JA7HRM	K8ME	W8IW
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JH4GJR	VE3YF	PY2FN	N3KN		
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JM2RUV	W3FI	W7HPW	W1KMA	G3KMQ	6K5YIA
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			W6RW		

IZ2FOS	JA1HOM	N4OA	IW7DVM	KB1DMX	JF1MTV
JA4HAW	JA1JYE	ND4V	JA1MZL	KE4UW	JH8NQV
JA6CBG	JA3KNN	NV4B	JH0AWC	N6PM	JL3OUW
JA7KE	JH1DGJ	OH2IS	JH1UBK	NH6T/W4	K0OK
K2XF	JN1NOP	W3WST	JJ1QUV	RA3QUA	K1JIU
K8YYY	K1ACL	WA4JQS	KD6UO	W2DXE	K5YU
N8SHZ	KM3J	WA5UA	LZ2XF	W8GNM	KA8SYV
OE3KLU	N4GN		NA4EA	WB8K	MU0FAL
OH7TV	N6IE	233	SM7NDX	WC3W	N9SF
WA6JA	OE2BZL	AA9GR	W0QQ		SM3LGO
WB7B	OZ7FOC	AA9RR	W4UDH	227	W3MR
	PA0TCA	AJ4A	WA2USA	DL2RUM	W5GZ
238	SV1HEP	DH0GSU		HL2EIZ	W5TFW
EA1JO	W0HBH	EA4DEI	230	I0MWI	W8CZN
HB9MFM	W2YR	EA5AR	F6HLC	JA0DWY	W8UV
JA0LXP	W4GIW	JH1SOD	G3LUW	JK1SQI	YO9FNP
JE1PNX	W6DR	K8BN	JA5NPV	JK1WSH	
JE2VLG	W9OO	K8EAB	JA6AVT	K1GE	224
JF0JYR	WA1PMA	KJ7M	J11VVB	K5GH	DK3PZ
JH3FHQ	WY6N	N2NW	K1KA	KF9UG	EA7QW
K9OR	YB2TX	N9BX	KB9DAK	N1NU	JA8NFV
KA4RRU		NE3F	W8WVM	N6OJ	JO1LVZ
M0CSD	235	PY5IP	W9YE	NF4A	K1CBK
N4PJ	EU1U	SM0XBI	WB2NPY	W5SL	N3RW
N5ZC	JE1IBI	W2NRA		W8FIB	N7WO
N9UA	JH2VVH	W6YOO	229	WA9GON	RW4CY
W4KA	K0VSH	WA8MCD	AA3LX	YL2KF	SM7BHH
WA4QMQ	K4QE	WB2KSK	AE0P		SP6AXW
WB0TVY	K5CWR	WD8PKF	G4FKA	226	V51B
WV9L	K8ZM	WE4S	IK2GAJ	DM2RM	VE3SKX
	N2FF	ZL4AS	JA2OLJ	HA5PT	WB0O
237	N4IQ		JE1VTZ	I0OSI	WN6K
CT1BOY	NW4M	232	K0HD	IK7FPV	
G0VXE	TA1CM	AC9EM	K3FM	JH1IED	223
HB9CXZ	W4PNY	EA1RT	K4CMS	K2BA	AB4UF
HB9JOE	W7YW	JH6DUL	KD1F	K9JU	AC9O
IW3GJF	W9FI	K1XV	KI4DLS	KH6M	AF2C
JF2OZH		K4ST	KS4S	KK4OK	E21EIC
JH1DGQ	234	K5FNQ	N4NW	KX2A	EA5B
K1RV	DF7EE	KF7PG	W1WC	N2KX	EA7DUD
K2NV	DK2CC	NY2NY		N5ET	I8MTQ
N4HID	HB9BYQ	OZ1IKY	228	N6BM	IK2RZP
SM0MPV	HS1NGR	RK4FD	7J1ADJ	N9AOL	IZ8MBW
W8UN	IK0LNN	RQ3A	F1RAF	VE7TK	K6IPV
WA0ROI	JA3BXF	W2/CT1GIF	F5LIW	VK4CAG	KI6CG
WB8B	JH1APK	W3FOX	GW4TSG	W9DX	KW4V
WB8ZRL	JJ1BMB	W6CYX	JF1RYU		N2SQW
YO3JF	JK1BSM	W9ZCL	JH1ERJ	225	N4ENE
	JR1VAY		JH2PWY	DK5RL	NA2AA
236	JR4LZX	231	JH3GFA	DS5DNO	W7IB
HB9ZS	K4MF	AD5WB	K4JC	EU1M	
HL2CFY	KE5FXE	DK6OR	K4KGG	JA1IAZ	222
I0JBL	KE8UM	HL2ZN	K5FZ	JA3FHL	AA0MZ

AH0U	W2PP	JA2VHO	AG3V	PY2WC	VU2DCC
AK5Q	XE2X	JH7WQX	DK3UA	S54A	W1MJB
DJ9SO		K2TER	DS3HWS	W5WP	W4GE
DL5XL	219	K3NQ	HB9HIT	W6WF	W7NN
E77S	F5JSD	K7LV	IV3FFI	W7FP	W9QO
IZ7AUH	HB9BNQ	KK4OW	JA0EVI	WW2DX	YB0MWM
JA9NFO	HL5BMX	KR4W	JA1FVS	YB0DJ	
JH0OXS	JA1FJJ	N9JR	JA3NHL		206
JM1VRW	K3EA	NC4RB	JR1EFG	209	3A2MW
K2AT	K5JZ	NJ7G	K2RU	JH8UQJ	HB9CRV
K2HAT	KD2T	PS8ACL	K4JWA	K0VM	I1YDT
K6ZZ	KG6I	W0SR	K5ALQ	KB4MRX	IW9DNI
KB5UNX	KI7AO	W9MO	K9GA	N0ODK	IZ4DIW
KJ7TEA	KR6C	WB3D	N4TOL	N9XX	JF1IRW
KK9H	N1KC	WS1L	N8GP	NE6I	JN1NBU
KS4YT	N6DX		NA2M	PU1KGG	K3SX
RA4P	NA9RB	215	VK3FM	SM5BNK	K8NK
VE7BV	W6GRV	9H1EJ	W2KA	W6DCK	KK5OQ
W6AER	WA3I	AA7XT	W3BJ	W8BLA	KK9T
		I5XFD	W5GA	W8HMK	KO6KD
221	218	IZ0BVU	W7HR	WB0ULX	KW4CQ
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EA2AAZ	DL4NBE	JE2UFF		208	NA9Q
G8AJM	DS4AOW	JH5HDA	212	DL8SDC	WA3WZR
J11NJC	I7PXV	JT1BV	G4ZOY	JH0NOS	WB0N
JR7FRW	K1NTR	KE6V	JA1BWA	JR3VMJ	
K5DV	KE3D	KF4NEF	JE2EBT	K0THN	205
KU4XO	KV4AA	KX4TT	JS6TWW	K4CGY	AC9S
RU0SN	N4JT	N8NN	KU4BP	K4WES	CU3AN
W0BM	TZ4AM	N9PGG	PY2RO	K5RJ	DL4LAM
W4DEE	VU2CDP	RN9N	SM5AOG	KU8X	DL6UNF
WB4KTF	W9KVR	W0FG	SP5LKJ	LB5WB	GM0VRP
	WA2NPD	W0TT	W5DAW	NW6S	IK0WRB
	WC4H	W1JGS		W1FA	JA4DHN
220	WX2U	W4IS	211	W4WN	K3WWT
AA6RR		W6SL	JA3LDH	W5FPT	K4YYL
DL4DW	217	WE1P	JE2KSM	WA6G	N9KW
EA5DFV	IK0CHU	WW8W	JJ1KZZ	ZS1J	OH3OJ
EI9FVB	JA2NNF	ZL2AL	K1NJ		UN9L
IK1IYU	JA7ZP		K4YJ	207	WA4MME
K1DJ	JG5RVQ	214	KT2C	9K2BM	XE1J
K4EU	K0NV	DJ3AS	LB6KC	JF1WLK	
K4MIJ	N6QI	F4GVO	LU6ETB	K5CD	204
K5MT	OZ0J	JN7DOS	N1BY	KE1VT	EA2AFV
K6MM	SV8DOU	K0QQ	N6PEQ	KK2M	HB9DVO
K7AWB	W0TM	K2AZ	VR2XLN	M0IKW	JH1OBS
KV4T		KB6CIO	W5THT	N4FN	JJ6DGP
KZ9DX	216	SP7ICE		N9AKR	JR0QFA
NA5Z	CX2CC	W0KCJ	210	OE1JIS	KB5HC
NG7M	DJ3XG	WB6BFG	JA1OVD	ON4ANN	KM9E
ON4ATW	G4VMX		JR2PZX	RD9M	W4GP
PA3BWD	HB9DQV	213	KD4SN	TF3DC	W7IV
SM0DSF	IZ1JLG	9A1AD	KD8RQE	VK2CA	XE1L
UR4IOR					

ZS2Y	200	K6TAR	N2ZA	VR2CH	JH7NTW
	HB9AGO	K8SIA	NJ3K	W1LE	JK1AJX
203	HB9IIO	K9SG	SP6EY	W5LO	JP1GUW
DF3EC	IZ8EKL	KI4WCQ	VU2LBW	W8UQ	JR0AMD
F5NBX	JA0KJD	W4DAO	W4DC	WF1H	K1JD
IK2RGT	JA3EY	W4HZ	W5UHQ	WI8R	K2DC
IZ0BTV	KC6JAM	WQ5R	W5VQ		PY2RN
JA7JPZ	N1IA	XE1H	W7PAQ	190	WV4V
JH8NBJ	N4TD		WA1NXC	AA4U	
K0CS	N7ELL	196	WI7P	AC4VM	187
K4JKB	PY3VB	AG5W		BV1EK	EA5HM
K9OW	SM7GIB	CT3CD	193	DJ9KV	IK8GJR
K9TF	VK6LC	G7SSE	7L4VYK	EC7B	K3NF
KA1DJ	ZS1DX	I7LGM	AE4CW	G3WW	N6NU
KM7R		I8YAV	DH3KM	G4XEE	SV8CKM
N3PS	199	JA1XRA	IZ5MOQ	HL4CCM	W5ZE
N4TV	AA3TH	JA2NDQ	JA0AXV	JA2ITK	
N6PAT	AC0X	JA7FAS	JA1QIW	JH8KFE	186
SV1FKZ	AD4AA	JH1OGT	JG1JPE	JI2UDK	AA4LR
W1DYJ	JH0RVY	N2GZ	K1ZJA	K7UT	AF6PK
W3BNN	K4SX	N3QE	KB2FCV	K8ZT/QRP	DF2UA
W5RF	K4VNY	NA9A	KM1C	KD0AA	I4UUL
WA3FRP	MU0GSY	RC2A	KZ1W	KL7TC	JM1SZY
	N2RR	SP3F	NU4B	N3AIU	K5QX
202	PB9FN	SP5MXZ	SM5ELV	N6MXU	K5RKS
IK5BOH/2	V51YJ	W6HYI	W8NN	NW7US	K7PT
K9WX	W6JZ	WA0WWW		W2OR	KC6X
N6ZN	W9LN	WB5NHL	192	W9ROG	KK0DX
N8WD	W9RXJ		F6FYD	WA8LRW	LA6OP
NU1O		195	IZ7GIT	WB4GLI	N6VNI
W1AW	198	CT1ELF	JA7MAD		W8RV
W3NS	DJ0MCH	IZ5FSA	JH1FVE	189	WA5IPS
W4RDX	IV3BSF	JA7QQQ	K5IB	G1VDP	WB4DNL
W7TUS	JR1IZM	K4KEW	K6XN	HI3T	WZ4RC
W7VY	K0GW	KE4S	KE0A	I0LYO	
WE2N	KA1J	N3XM	KJ4UZU	IV3KCB	185
	ND3L	OH6NIO	KJ4YLO	JA1SGU	K0KP
201	RA3BL	SQ7FPH	N4XYZ	JG1SWM	K2CYS
AA8SW	VK6OZ	UR5FEO	UR3EO	K6UXO	K3PP
DL4FAP	W6SHY	VE3YXO	VA2IG	KY5I	KE5BR
GI4OWA	WA2VQV	W3SB	WA9BZW	M0HIH	KQ4EE
IZ0GYP	WY1G	W6KK	YB1TQL	OH2LHE	N4HN
K0MFI	YL2TW			ON6KE	UN7BK
KK1W	YV5LI	194	191	RM3DA	VA7ZT
NY1V		A65BD	AA4NC	RN3CT	W2WG
PY2GG	197	HB9ESS	DG5LAC	SM4BZH	W5SUM
RT5A	4X4MF	HB9VAB	HA5CW	W4AEJ	W6RKC
W1OP	BA4TB	IT9ODQ	K1RI	W6DPD	
W6AEA	EA1DLU	JA7JM	K8QKY	XE1FAS	
W9IL	IT9AAI	JH1OCC	N4DWK		184
WC2K	IV3AVQ	K1LT	N7MQ	188	AD6ZJ
	JA0CIU	KP3AH	OZ7DN	EA7AN	DS4GKF
	JA2MNB	KR8T	VK2HV	JA0GCI	EA5RU
					HP2NG

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K3JM	N8HRZ	NN2D	LZ2ZG	YB4IR	K9OT
K5TN	NN9X	W0PE	N7NG		KF9AF
N2MEE	NV4A	W7HUY	N7VPN	171	KI2D
NN5E	UA9AEU	WB6AXD	NS3L	AA5N	N5MT
NW7M	VU2IBI	WC0W	UA1OM	AD3C	PP7LL
SM2EJE	W6TK		UA9AGX	CT2GZE	RD3BD
UN7BY	W6UC	177	XE1R	DL5MM	SM7WVZ
UT7KF		4X6UU		F9CI	SV1IZY
W6BK	180	IU0ICA	174	IK3GBG	W7VAS
W7IUO	4X6KJ	JE4RAL	AG7N	JS6QOM	WA6QGH
WB2HJV	A61BK	JF1LZQ	DF8FT	K2TV	
WB3BFC	AA4AK	JG3KLF	DL5KUA	K4WY	168
WB4YDL	JH1IZR	K0EOO	JK7LXU	K6ZP	A92IO
WB5STU	K0IL	K2JL	JR3TOE	KB0V	AG4Q
WV2I	K2SD	K2MK	K5CR	KC5LK	EW1P
YB1RUS	K8SL	K3OX	K9HQM	KP4DKE	JH1ORA
	KM4VI	K8YE	K9UQN	KW9U	JP1LRT
183	N2ZZ	KD1AB	KZ5DX	N8WRL	K1VI
JA2KSP	NA5S	KF4VTT	N4PYI	NA6O	K2SY
JE4CIL	NZ5O	NA6MG	N5QS	ON6MX	KF0RQ
K3SF	VR2XYL	SM5CBM	W5WI	W0MU	LU8ADX
K6LRN	W4DSM	VK2AAH	WA4BIM	WA4DOU	LX1CW
KC2SST		W0IKD	WA4NUF	WA5KBH	N4ST
LU4FW	179	W1AO	WQ5T		N6MB
NA2U	DL5MHQ	W4KVS		170	OE1ALW
W3ML	JA3EEM	YB1TJ		DL2JIM	R4FAN
YB2TS	K1RH		173	EI5KO	W5JMW
	K4WZ	176	7L2QAD	EI6AL	WX0Z
182	KE5TD	DL6NW	AB6CF	JA1GVT	XE1YD
I5FLN	KJ6NZ	F4WDL	AI9U	JK1BIB	
I8LWL	KZ2R	G4AYU	HB9FBG	JQ1YIW	167
JA6SQR	N3KV	JR1FHP	HB9HVG	K6EGF	AE4M
J11CQA	NC2Y	K5DCW	K3DFL	K6JJ	F4DSE
K7LAZ	NK7C	KK7YC	K5ZQ	K7CU	JA8BOV
KG4JSZ	NO0B	KT8D	K6UNE	LA2GH	KB8NTY
KK8MM	SP5ELW	N1JP	K8JE	N4VN	KE3X
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N8NB	W4TUN	W4LEW	N9DR	N8VV	N1ZJ
VK5GR		W7WZ	NX2X	NX4TT	N8JS
VU3CAU	178	W9WO	OV5O	OZ3SM	PT2ADM
W6SFK	EA8AXT	WA3GNW	SM0EUI	VE1OP	PY2SEX
WV8DX	G4DDL	WF8R	WY7FD	VE2YG	TF3VS
	IW0BYL			W0OGH	WA0SXX
181	JA1ERB	175	172	WA4USA	WA5NFC
IZ4AIB	JA3UNA	AG5CN	EI1DG	YO4AUL	WB8BZK
JA7DPC	J11WLL	IW1PUR	G3SBP		
JA7FVA	K1ZE	JA0LFV	JA1BON	169	166
JH1FNU	K3VAR	JH6RTO	JE3PCP	DM3CW	AL7R
JK1DDG	K4GO	JO3WHB	K5TA	JA1KXT	DL1SVA
KY6R	KR2Q	KD4POJ	LZ1XL	JA3AVO	GM7NZI
N4MIK	KU1T	KF2OG	N3AO	JE1PHH	HL4XM
			SP5ES		

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KR4BD	TF3JB	N5FEE	JA4FKO		VA3OKG
KW4J	W6SIY	OZ1HPS	JK1JAS	156	W0JMP
LA7EIA	W9CSX	W4NBS	K0IO	DK8IZ	W4CIR
SV2CLJ	WC4X	WA7BNG	KB7AK	EA3HPX	W8TM
W4PGC			LA4JGA	GM3WIL	WA9MAG
W8SAX	163	161	LA8ZAA	HB9MXY	WN7J
WA1ZIC	AA4OC	HL3ERJ	N1MD	JA1CCG	
WB3JFS	AA8KY	JP7FSO	NE5S	JA2ODB	153
YO3AIS	AI4QQ	K1BZ	OT1A	JA9RT	HB9BEM
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ZS6IR	EA1AZ	K4AR	W1EBM	JH2AJY	JH2NWP
	F4CPF	KM4A	W8QXR	KA9OKH	JR7MAZ
165	HA5BSW	N7QT	WD5BJT	KC4HN	K0LB
AG6HE	IU8IYE	NA6XX	XE1MW	N4QM	K4OY
CU3HN	JA0MRW	OK2ZDL		N7GCO	K4SAF
EI5JL	JE4KCN	SM3PHM	158	N7RD	K8ROK
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K2AX	K4MV		IK3DVY	AB4GE	N7NW
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RL3BZ	N9LEO	JR1CAD	N4XMX	M0IFT	152
VK3TC	R3IS	K1ROA	W2CG	N7WS	403A
W2FS	SM7CZL	K5VR	W6FL	NK7Z	AC6BW
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WB9PNU	W1OK	K7LY	WB2RAJ	OE1HHB	DF2WF
	W1XV	KC9K	WT2P	UT7EC	DL8DWL
164	W8MIL	KL0S		W5SV	DU1KT
AC4BT	XE2YWH	KM4NS	157	YB1AYO	G4AFJ
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IZ0GVZ	162	N8IL	EI2JD	DK1NAL	K2EK
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K0COM	AC0DQ	SV1XV	JE3FOR	JA0GZZ	K8ZZU
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KA1API	DS3EXX	ZS6RJ	N4MI	JF3VEC	ON4LG
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KL7TS	EA6UE	159	NP3CW	JH1BHW	W6RFF
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AB2E	IZ0FUW	K0PC	W7NP	W7VS	LZ2HM
DF1IR	JS6SCC	K3GGN	WR7Q	142	VE3NJC
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JA2BUR	K2RET	K4NTO	AD0TR	IK1ZNM	W9BS
K0KV	K9EXY	K5UZ	DL6DCD	JA1PUK	WB1ASL
K4DET	KM2E	K8WHA	G4FTC	JH6PFY	WB8EKG
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KB7QFE	NE0U	SV8RX	JL3DGI	K8MRT	139
KE4BKL	NU4Y	W0QC	K1TKL	K9UO	AA4DD
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KK4CLY	PY8WW	W8OM	K8OS	LA1J	HB9ARK
N7MB	RT0F	W9GM	K9UWY	NF7D	HB9DTE
NU4I	UA9MC	146	KM4HQE	YO8CRU	HL4CBX
SM0NUE	VU2NXM	AE5B	LA2IR	141	K0QB
VA3EJN	WA1EHK	HB9HHH	N5UE	7K3QPL	K9QJ
VA3HP	WF7T	HP3TA	NH6L	9H1AE	K9TRV
W3HER	148	JA3KWZ	RN0C	EI3ISB	KX4I
W5WLA	4F3BZ	JE1COB	UY2UZ	G0THF	N0CKC
W6WA	A71AM	K6NR	W0AIH*	HB9EXQ	N2SG
WA9JWL	AK9B	K8ARY	W3DIY	IZ3XEF	N7NF
WC2C	IW5EIJ	K8POM	WB9W	JR3PKO	R9MJ
150	J68HZ	KB9AIT	143	K2JK	ZL3TE
AD5MD	JA4GXS	KD3HN	AA4MM	K9AAN	138
DK3BK	JF2AIJ	KM8AM	AF3X	K9AQ	DL5KUT
DK3FB	J13BFC	N6RK	EA4D	KA5SYP	DL5ZB
HB9EBM	K5EWS	N8TFD	EI2HY	KA5VFU	G0FWX
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IZ2MHT	KA3GWD	WA2MUA	JF2RSF	TF5B	JA1PVX
JA6SUY	KD4EE	WA3SKQ	K0SRL	W1NA	JA1VRY
JA7GZM	KM2O	WA5NOM	K2OO	W5GOL	K2YSY
JG1GJH	LZ1MDU	WW8RT	K6LPO	W6HDG	K6CW
K1QN	N0TK	XE2B	K7QBO	WK8A	KC9G
K5HK	N3ND	YB1BML	K9BQL	WK9U	KF6A
K9RT	NJ6K	YO2DFA	KE4FW	140	KU9S
KI7M	PY2CP	ZS6UT	KG6D	AD9DX	N0SL
N6JOJ	TF3Y	145	KJ2U	EI6JK	N3PV
N9IO	VE6TL	5T5PA	KJ4R	EI7GY	OD5YA
NG9J	W4AG	AA5TL	KN7K	EI7JZ	PV8ABC
ON6ZV	W9MAK	AC7JM	LB2TG	EW4C	W0UHL
SM0BSO	147	AL7TC	N1QY	I4JEE	WA5POK
VR2MY	AB9KZ	DL1MEV	N2YBB	JG1RYQ	137
W3KB	EI3CTB	EA4S	N4GBK	JJ1OKK	AC5AA
W4NE	F6KOP	JH1CTV	N4UP	K0UBR	DL2RD
ZS1C	G3VQO	K4TXJ	N7ZA	K6EV	EA7LS
149	HB9GWJ	K5FXB	OH3PYY	K7VC	G3PSM
7N2JZT	IS0/YO3RA	KQ5M	TF4M	KB1HY	HL1MKT
	JJ0LZQ	KS0M	TG9AJR		

JA4DNC	K5VG	OH7HM	W6OUL	EI3IO	126
JH1SBE	KL7NW	PT2ND		F4GTB	CU7AJ
K2CDJ	N5RN	V31CQ	130	HL2DBP	DS3EXT
K2RKJ	S53MJ	VU2ABS	AA4QE	JH1AWJ	EI4HH
K4AU	W7QHE	W1GY	CT1HHP	JN4FNZ	G3XLF
K6IRA	WB3AVD	W1ITU	DL1SWN	K6OJ	IK4TVP
KP4N	WB6FWS	W3MF	DM5JBN	K7PTC	JA5CDL
N2KI	WB9IWN	W9SE	JA2LMY	K9YKL	JA5XPD
N4KM	WO5I	WB9ZNZ	JH3PRR	N0JR	K2GLS
N7VZ		YB4CHP	JL4BSE	PU4MMZ	K5KDX
N9NFT	134	YO3GJC	K2MHE	R3BB	K7PO
NU1T	AB0RX		KN4JX	UR9IDX	K8GT
OE3JAG	AB1J	132	N2YF	W0QD	K9QA
SM5CSS	DL4ZAB	AA4FU	N7TM	W5MF	KC5RR
SP3EPG	EA6AZ	AK3E	NS4F	W6IS	KC9WPS
TA1AL	IZ8DEO	AK6I	OZ6TL	W8BI	KK4CB
W2GGY	JA6GXP	I8NLC	RC3FL	W8WV	KS4WA
W2NY	JR0GXA	IZ0COI	W1MO	W9EBO	N5HC
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WA0WOF	K7FL	KE7BMG	WB8RFB	WP4CQ	NX8Y
WG0G	K7YZO	KG8OU	YB2IQ	WQ1H	OH4KRN
WS1F	K9JDP	KI7HO	YO8PS	ZS6AKU	VE3TMG
	K9SUH	KK5ID			VR2VGM
136	KA9JCP	KX5U	129	127	W8VI
CT1ESO	KD2SC	M3DFW	AD6KQ	7Z1HL	W9COS
EA5KA	KF5WCP	N3TR	AE7U	AG4TO	WA2BOT
G0OSK	KF9LI	N4EDT	JA0AVS	DJ5DT	XE3E
IS0EBO	KN4OK	N4QOG	JA1PLT	DL9GTB	
NT5EE	LB5GI	NN3V	JA2ACI	EA3NG	125
ON5GF	N6XT	ON6YH	JA3WMS	G8BCG	AC4XO
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VE3FRR	SM3WMU	SM7DXQ	JM1CMA	I2YPY	G4EHT
W0ANZ	W1DAR	UW7UA	JN1SUT	IK2ULM	IK8PGE
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W4GH	W4UAT	W3KHZ	K0YL	JE2VYM	JA1IHD
W4PGM	W5AAJ	W4MC	K7ORK	JG1LRE	JF2OHQ
W4PV	WB1DX	W5FL	K8RCT	JH1HRJ	JH8FIH
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	133	WA1KXV	KB4KBS	JR1LZK	K5NOF
135	7J1ABD	ZS1EL	N7TW	K7LFY	K9ARZ
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K3WGR	N1BKB	W4MA	DL9SAD	WB2KSP	W5CWQ
K4OP	OH3DP	W5EC	EA1AHA		W6PG

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WR2G	OH3TY	KB3IFH	VU3RGB	WA8RCK	SM1NJC
124	PY2ADR	KK4ODQ	W1RG	WB5TOI	VR2IL
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DJ3EJ	VE3VHH	N3ER	W5RYA	117	W3IZ
EC4KW	W2WGK	N5ZY	W6GJB	AD7L	WA4VJK
EI8IQ	W4UT	NA2R	WT5L	CE3FZ	115
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IZ1UKF	WX3P	TA1L	119	IZ7QFN	E74A
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KC4AA	K0HQW	WA7HQD	N8LCU	KP4ED	KB7V
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WW5L	SV7CUD	CT7ABD	6K5AQY	116	OE5MPL
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123	W1ES	DS3DNT	AE1T	AA0FT	W5WS
AB9BH	W1HEO	DS5QLJ	AI5EG	EA5GXI	W7FI
AE5FM	W1KKG	F5AQB	DJ9KM	EI4BZ	WB4MM
DJ6OZ	W4BH	IK8IPL	IZ0RPS	G8GHD	WS4H
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IZ8LMA	WA9DU	JH5OTE	K9KJS	K4LCP	HC1HC
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KA2F	W1HS
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KD1DT	W4YR
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KI3O	WA2VJL
KI4PG	WA3UTC
KK6MF	WA3YZD
KL2R	WB0RXQ
KL7XO	WB2ZEX
KR4Q	WB6RAB
KZ4EX	WB6RJH
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