

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 16 Oct 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 JA6BZI K6YRA N4AH PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM	W4DKS W5BPT W5ZN 331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW 330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JH1GZE JI4POR
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 JA2JPA 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 JA2KVD JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF	
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE	336 G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX				

K3WC	DK5WL	OE2LCM	UT9FJ	320	RW3RN
K4CN	DL2OE	R5AJ	W7AO	AA8CH	SP1MGM
K4ZYU	EA1YO	SM4EMO		CT4NH	SP3CGK
K9CT	EA5BM	SM6CCO	322	DM5EE	VE3LYC
N4JF	I4EWH	SM6CMU	CT1BH	G0BLB	
N8JV	JE2LUN	SP1S	EA2IA	I2EOW	317
N9IW	JH0INP	SV8CS	F5PAC	JA3PIS	AB9V
NR1R	JJ8DGO	W1RM	IK4GME	JO7WXN	DJ5FI
OK1MP*	K0DEQ	W3LL	IK8YTA	K1LD	DK2NG
RA3CQ	KW9A	W6RLL	JA4FKX	K4EM	DL5WW
SP7GAQ	N2BJ	W9OP	JJ2LPV	KQ8M	HB9HFN
W3NO	N6JV		K2UO	NE1B	JA2IVK
W4UM	PY2YP	324	K7NN	UY5ZZ	K2RW
	RZ3AM	DK9KX	KU0A	VE3EXY	K6YUI
329	SM2GCQ	DL5DSM	KV7K	W3KX	K9MM
GM3POI	SM5CZQ	FK8CP	N4DW	W5WT	KE9L
IT9DAA	SP6M	G0DQS	N4NX	W6XA	UX1UA
IV3JVJ	SV1RK	G4CCZ	N4PQX	YV1DIG	W6VX
JA2JW	YO9HP	I0WDX	OE1WEU		WD0DAN
JA7KY		IK5PWQ	OH1LEU	319	WX4G
JA7MSQ	326	JA2BDR	ON4CD	DJ4AX	
JH1TWT	EA5BY	JA2DPC	PA3EWP	DK1FW	316
K0EU	JA9APS	JJ3PRT	R7DX	EA8AKN	AB3CV
K1HTV	JE1SYN	JR2LJO	SM5KNV	HB0CC	DF2UU
N5AW	JF1WPB	JR3OEH	UA4CC	IK4DRR	G0OIL
NI0G	JF3KON	K5KC	VE1DX	JA9TWN	IK2QPR
NO8D	K5EK	K9YY	W5CIA	JJ1DHY	IW1ARB
OZ1CTK	K8PT	KA9CFD	W5TCX	JR7VHZ	JA5XAE
R4GM	LU2NI	N1NK	W8A	K5MC	JA8EAT
SP6CIK	N3NT	N4II		K6AM	K1BD
SP8NR	N7RT	N8BM*	321	N4DB	K3WA
W5XX	NK1K	OE8HIK	AA4V*	N4QS	K4HB
WA1JMP	ON4IQ	R3OK	G3TXF	ON4AOI	K8YTO
	OZ1AXG	RV3LO	HB9BIN	UA3AP	KG8P
328	SP5DIR	VE2TZZ	IK2YCW	YO3APJ	N5DG
AA5AU	W8DCH	W8OI	JA0GJJ		SP1JRF
DL7MAE	WP4U	W9OL	JA1XEC	318	UA3DPM
IZ5EKV		WB4TDH	JA3AZD	A45XR	W1GL
JA1SJV	325		JH1IFS	AA4HP	W7MO
JH2FXK	EU7A	323	JH3CUL	DL6KR	W9ILY
JJ2KXK	HB9DHK	AD1C	JH3VNC	G4PWA	WA2VYA
K4QL	I5NPH	EA3GP	JH4ADV	JA1ANR	WA7NB
RU3FM	IZ0AEG	GM0GAV	K2VV	JA2JNA	YB5QZ
SL0ZG	JA2FJP	JF1KKV	KX4R	JA4EPE	YO7LCB
SP9DWT	JA5WIZ	K6FG	N5XZ	JH4JNG	YS1RR
W1ECT	JF1PUW	KF0QR	OE6MDF	K2TE	YU3AA
W2IRT	JF7XKY	LA7HJA	OE8RT	K4IQJ	
W5FKX	JH8RZJ	N5TY*	SM6DHU	K5BG	315
	JL1RUC	N8RR	SP7VC	K5DU	9H1SP
327	JR3GWZ	NY0V	SV1FJA	LA2PA	AA5AT
AB4IQ	JS2LHI	OH2BLD	UT7UJ	PY5EW	AB6QM
CT1APE	K9EU	SM6DHF	W4FC	R3VA	G3VKW
CT1IUA	K9IR	UA3AB	W8GC	RA7A	HA1RB

HK3W	JA7QVI	310	N8TR	W5XC	SP7HOV
IZ1LBG	JF2UPM	HB9SLO	NQ1K	ZL3JT	SP7ITB
JA8RJE	JG3LGD	JA0CRI	R7NW		SV2AEL
JA9CWJ	JH1NYM	JF8QNF	SP9JZU	305	W1SKU
JN3SAC	JR1BAS	JG3FEA	UR5EDX	AJ6T	WT8C
JR2BJE	JR1BLX	K0KX	VA5DX	DJ4XA	
K8NVR	JS3CTQ	K6RO	VU2NKS	G5LP	302
N5OK	K4SO	K8AC	W1YM	JA1IOA	DJ5JH
NN4R	K6KLY	K8FL	W2QO	JA1WSK	F5CQ
OE3EVA	K9US	KC7V	W5ADD	JA2NDQ	G3SVD
ON4IZ	LA7JO	LA9AJA	W6ENZ	JA7BWT	HL2IFR
PY2NQ	LB8DC	NS6C	W9MU	JE6TSP	JE8CLT
SM3VAC	N2NL	RA0FF	WA8WV	JH7RXU	K4MS
SV2DGH	N4TL	RL9F	WE9R	K0JUH	OH8LXT
WB0TEV	N8KOL	SM2OAN		K3XA	PY7DJ
	ZS6EZ	SP6HEQ	307	K9NW	R5DT
314		W0YG	A65BR	N9AU*	RK4FD
AC4G	312	W4BP	DK2JX	PA5TT	W0VX
CT1DKS	AA5AM	ZS1LS	F2JD	RA9CMO	W4QN
DL6CNG	F3SG		HB9TKS	SM3NXS	W5VY
EA1N	JA1SYY	309	I5HOR	YB1UUN	WD4LBR
EA6VQ	JA1VSL	JA1EOD	JA2XW		
G3NDC	JA1XCZ	JG4AKL	JA3GN	304	301
IZ8FFA	JH1AGU	K1AR	JA6WJL	DJ9ON	AE5E
JA2AH	JH1QAX	K2UU	JJ3HGJ	DK5AD	CU2AP
JA2ZL	JN1BMX	K8QM	K2SHZ	HB9CEX	HB9BOI
JR4OZR	JR6FC	K9ZO	K9RX	JA9FAI	HP2AT
JR9LKE	K1HT	NN4SS	LU8EKC	JE1DXC	JA0DIN
K2LS	K3RA	NU8Z	NI6T	K7WP	JA1LSP
K5AQ	K5XI	R9TO	W7DO	K8GI	JA1SVP
KB0EO	KG4W	RU3DX	W7OM	N7US	JE1LFX
LA7AFA	N1IBM	RX3AGD	W9JA	N9RS	JG8FWH
MD0CCE	N5ORT	UA4LY	WA5VGI	UY5AA	JK1GOK
OE1AZS	RU3QR	W2JU			K4SE
OE1ZL	SV1CNS		306	303	LA5LJA
SM4DDE	UT2UB	308	9K2OD	E72U	MM0EAX
SV1DPI	W7CT	DL2CHN	DL1KUR	EA3GHZ	RN3QN
SV1JG	W8HW	F4BKV	DL5EBE	G3LZQ	UN6T
UA6MF	WD9DZV	HK4SAN	HB9DDZ	HB9DDO	WB5JID
UX0FF		IU7QBB	I1EIS	HL3IUA	
W9RN	311	JA1IZZ	IK4PLW	HL4CJG	300
WB8BPU	CT1FMX	JA2WYN	JA2VQF	IK2RPE	AC0A
	IK0PEA	JA7IC	JE2LPC	IK4ADE	DL1TRK
313	JA2XYO	JA9GPG	JR2UBS	JK1EXO	DL4CF
5B4MF	JA4MRL	JE2EHP	K5WAF	K7ZA	EA1AF
CT1GFK	KM4H	JH1SJJ	KD3CQ	KB1JZU	EI2GLB
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IZ2AMW	OZ4O	K0KVR	R8TX	OE5BWN	IZ5RVG
IZ8FWN	PY2XU	K8OM	R9FM	RL3FA	JA2ATE
JA1GRM	UR0MC	K9MK	SP5IWA	RW4NN	JA9AA
JA5IU	WB9CIF	KI0KB	UN7JX	SM6CUK	K8GG
JA6VQA		KN5O	US5WE	SP2BMX	K8TL
JA7JWF		KS1J	W5AJ	SP3IBS	K8VFX

PA3CSR	296	HA5VZ	291	VE3EK	N8SNM
VU2PTT	AA4R	HA9PP	4Z4DX	W9YSX	UR5WA
W3OA	AA8OY	IT9CVO	EA6ET		VE1JBC
W3RJW	AD6W	JA1XPQ	G0EHO	288	W3GQ
W6TC	CT1DOF	JA5SUD	JJ1TKN	CT3MD	W6PJ
W9AJ	EV1R	JE1GWO	K4ZO	JA2JRG	W8AXI
WA9PIE	GM0AXY	JH1BAM	KP2A	LZ2JE	W9MJ
	IV3YYK	JJ1DWT	LA5HE	N4LR	WN6W
299	JA1JAT	JR1DUP	N2TN	N5LZ	
4X6ZK	JK1TCV	K3FRK	N7RO	N6UK	285
DM2DXA	K0KT	K7ZV	PY2KP	ON6AA	CU2DX
EW2A	K3PA	KD0Q	VE3CFK	UA3AGW	DL2SWN
HB9CQK	K6FW	KZ4V	W7BEM	W1YIF	EA3GHQ
HB9RG	K8VC	N0KV	W8TN	W2LE	EA5KA
IK5RUN	LA8PT	RU6L	W9FR	W2NO	HL2WA
IZ4MJP	LU4FPZ	SV3DCX	ZL4TT	W3FOX	IK8VRH
JA7LGE	N0RB	W3JX	ZS2DL	ZS1A	IZ8DFO
K6SIK	RA3QK	YO2CMI		ZS2EZ	JA0PE
K9SM	SM6BZV		290		JA2IYJ
KB8VAO	SV9COL	293	AA4A	287	JA2VMU
N9FN	UA6YW	DL1HRN	DS1JFY	9M6YBG	JR8AMF
UA9FAR	YO2RR	DL1SMA	I4KDJ	AA8LL	K1USA
VE3BW		EA3WD	JA1KQX	AA8R	K6GXO
WA3AFS	295	G4GIR	JA1QXC	IV3GOW	K6PJ
XE2CQ	DL1DUO	IK0HFO	JF1NZW	JA9NLE	KJ6P
	EC3A	IW1QN	JH3GCN	JE2OVG	LA8HGA
298	IW0SAF	JA2CXF	K1DG	K0AZ	N8LJ
5B4AHJ	JA1BPA	JA3EOP	KD0PO	K5RT	OE1WHC
CT1FCX	JA1FQI	JH0BQX	LA2QM	LA3MHA	PE1L
DL7BA	JE2DZC	K4JAF	LU3CQ	N3VA	W1OPD
JA4ITW	JH4ALY	N2LM	PP1CZ	N8PW	WK7E
JA5BEN	JM1FHL	N7IR	RD3AW	R9SA	
JA7MYQ	JN1RQV	PY2IQ	SK3PY	SM5ARL	284
JL2JVX	K0BBC	S55DX	SV3AQR	W1VT	DL6JZ
JR7WFC	K0TPP	W7ZJ	UN7LZ	W4YCH	EI9FBB
K2PK	K1GG	WA4FFW	UN7TW	W8AV	GM3PPE
K8EUR	K4XD		W1EQ	WA6F	GM3YOR
N4RWG	K5VIP	292	W2LK		IZ3ENH
ND0N	K5ZK	DL5CW	WB9EEE	286	JA0DET
PY2VA	N7TY	E72A		AB5A	JA8CJY
ZL1BYZ	NA5C	EA5AT	289	CT3HF	JG3SKK
	RM0F	G8DX	DL9TJ	DL2VPO	JH3SIF
297	SM5FUG	HB9BAT	HB9RYZ	HL3GOB	OE2GEN
E73Y	SP8HKT	IZ0RVI	JA8EJO	IK0AGU	OH4UI
JA3RQ	SV1GYG	IZ3ETU	JA9FPI	IK0XBX	SM0CCM
JE7JDL	W5LT	IZ8VYU	JA9IFF	IZ8XQC	SM6CTQ
JG0CQK	W6XK	JA3ENN	JG1WSC	JA2FGL	W2AY
K6ND	W7AL	K5DHY	JH4GJR	JE3ENP	W4FQT
K8WK		K7ZD	K3UL	JF2WGN	W5ODD
KG7H	294	N8II	KK0M	JH1BNC	W8BBQ
KT1J	AI9L	R6AF	R0FA	K1LPS	
W2GG	AJ9C	W4VIC	RA1QD	K1RO	283
W6YI	EA6NB	W6SR	S57AT	K5PS	DF2GH

JA1RTX	ZS4TX	W2PP	W7MEM	JM1HJG	W9OO
JL1XMN		W3BW		K3PU	WA1YTW
K3WW	279	W8RLS	273	LA9GX	
N6TA	AA6AA		CT1BWU	N4UOZ	267
OE8SPW	HK1MW	276	DH2PC	NN4X	DL4DW
W1LW	JA2XCR	DK3WW	JA1KPH	UA3TT	HB9MFM
W6BJH	JA8DNV	HB9LCW	JA2TBS	W1MK	IV3VBM
WT4Q	JE8TGI	IZ5BAM	JA6BEE	XE1MEX	JA2QXP
	JF2XGF	JA7FWR	JM2RUV		JA7BEW
282	JH7BKN	JA7LMZ	K4RG	270	JA8UIV
K1DT	JK1UNZ	LA0FA	KA1ERL	7K1PTT	K5VWW
K5UO	JO4CFV	LA9VFA	KI5BLU	AA4FL	K7XB
K8ROX	KF2DT	N5MOA	LB2TB	BA4MY	SM5BMB
PC3T	KQ4AV	ND4X	N4IG	DK8MCT	W6RS
SM4CTI	OH1ZK	NK0S	N4JQQ	EA1KY	
UA0BA	SM0NJO	OZ1LCG	N4QQ	F9XL	266
W4OX	VE3DZ	RX4HZ	OZ1ACB	K0BJ	EI8IU
W9HBH	W4UCK	SM5CLE	OZ4VW	K7UA	IK0UTM
WA3C	WB2BIN	UN3G	RW7M	K9JF	IW7DVM
XE1KK	WO7R	W1ZT	W4HG	N6RV	JA3BXF
	WS5W	W2OIB	W8QZA/QRP	OE3HWC	K8AJS
		W5GO	WA0MHJ	PU2POP	NU1B
281	278		272	VE6LB	PZ5RA
AD5Q	9A4T	275	AF9H		RA4CA
BA4RF	CT1FPQ	AB4SF	DS5ACV	269	SV1HEP
EA5OX	EA8RR	JE1BMJ	I5OYY	HB9IQB	VE3YF
F3AT	EI9JF	JG1OGM	IK5PWN	IK7FPV	W0FLS
I1FQH	F2NH	JJ3CJP	IK5PWN	IK8EPC	W7YAQ
IZ8FDH	JA8LRG	N2JJ	JF1LMB	JA1OVF	W8MET
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N2WB	N4HB	N7KA	K1UU	JA4VLK	WB3LHD
N5GH	N9ISN	ON5UE	K6IPM	JA6GPR	
OZ1IKY	SM4AZQ	PA7RA	K7EG	JH3FHQ	265
SM5ENX	VE3CRG	WA0RVK	K8BL	JP1NWZ	4F2KWT
W0LS	W4MAY		K9MBQ	K6EME	G3WPH
W8HC	W8MHW	274	KB1EFS	KR0P	JA1VRU
W8KEN	WF2S	7M4AOE	KI4GE	NW7E	JA4FM
		EI6FR	N2DPF	OM4EX	JE2RDO
280	277	EW1KP	NV9L	SM5FWW	JH1ACA
CT1EAV	EU1KY	IW0HOU	OE5FIN	YB1AR	JR1WCT
JA3XNH	F5PBM	JA8ZO	PA0ZH		K0DD
JA6TMU	F5UJK	JH1IAQ	SV1ACK	268	K2CBI
JH1HHC	IZ4DPV	JM1GHT	W2OO	HB9BUN	K2SN
JN7DOS	JA8EOT	K3PT	W3AP	JA1IAZ	N5KM
JR6LLN	JH3KAI	K6UM	WA1S	JA1NWD	N9JV
JR7FRW	K2AJY	KA8SYV	WL7E	JH4HMG	SP6JIU
K0TT	K8UT	KA8ZPE		K2KA	VE3SKX
K4WNW	N9RD	KS3F	271	K6BV	W5DM
OH1JP	ON4CAS	NA5DX	4X1RU	KD4W	
PY2DS	SV1FJP	RA5BM	HL4GAV	N2AJ	264
SM5CZK	UW2ZM	SV9AHZ	IK2DZN	N5JB	4Z1UF
UT7UV	W1KSZ	UA3ECJ	IZ8EJB	SM6BG	EA1KP
VK3HJ	W1YRC	W3ACO	JH1OCC	W2FV	F6DBX
W8LGJ					

HB9DHG	W9PZT	DJ8NT	JH1RGG	UA0FO	250
IK4AUY	WA3GFM	EW1BA	K4JJW	W6RW	6K5YIA
IZ0NRG	WB8ART	JA8BNP	K6EID	W8GNM	EA1RT
JA7HRM	WQ6Q	K2UFM	M0TTB	WF4U	HA7TM
JF2WXS	YB2DX	NI3P	VK3NX	YB0COU	HB9EBM
JR4LNG		PY5CC	W6DE		HB9EFK
K1CA	261	SV1FKZ	W8JRK	252	JH3GFA
K8RRT	7K1CPT	VK4CAG	WB7B	DL7UPN	JH6PFY
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N1GC	EA3EQT	W7AH		G3KWK	JR0EQQ
PA7TWO	G3UAS		255	G3NKC	JR5JAQ
SV1CQN	IS0AFM	258	AI6Z	JA1BNW	K1KA
VE6AX	IZ8IEV	CU3EQ	EA5RD	JA4HAW	K9YC
W5PF	JA3FHL	DK7YY	F6ECI	JF3PNQ	K9ZM
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WV4TN	K2FW	JA9AGN	HI8R	JH4CBM	OH2IS
	K7LJ	JR3UIC	HL3DE	JL1BYZ	PA0JSE
263	KM1D	KH2L	IV3TMM	JR1VAY	PY2FN
DK4TP	LA5SJA	SA0AQT	JK1OPL	K1EFI	W7HPW
EA3CJ	N9UA	US0YA	K1FEV	K5FZ	W7IU
EA4DL	OM8FR	W1SSN	KR4F	KB9DAK	YL2KF
HA7UW	SM7CQY	W5JAY	N1RK	N6PM	
JA7XBG	W0JM	W9EWZ	N5BO	OH7TV	249
K1KO	WA5LFD	ZL2IFB	VR2XMT	W2GW	AF5CC
K4KAY	ZS6WB		VU2CPL	W2ZI	HL2CFY
K8FH		257	W2/CT1GIF	W7CA	IZ8GGF
K9FN	260	AF4HX		WA4CEM	JA8FFM
KN6KI	AA9A	DJ0UT	254	WA4JQS	JH1APK
N1RR	EA8MT	DL9FCY	BA7IO	WV6E	JH8GEU
N7BT	EA9IE	EA1JO	CT1BWW		JJ1QUV
NA5Q	EC1AIJ	EA7SG	IZ5YHD	251	K9NR
NF1G	F6HLC	EB3CW	JH1VUO	9A4W	KF7F
SM7IUN	FG5FR	HA5PT	JH2VVH	DL2RTL	N0RN
W0GG	JA2FBC	IK2PZC	JJ1BMB	JA1DDZ	N3KN
W2XI	JA3VPA	JA6OXT	K0GW	JA1EMQ	NH6T/W4
WA4LOX	JA3WLN	JE1PNX	K3SEW	JA1SKE	OZ5NJ
ZS6NJ	JH3FUK	K1SM	KI1U	JA5BGA	SM4OLL
	JH4ADK	N1API	LA5YJ	JE1VTZ	UN3GX
262	JJ2WOC	N6HC	NE8P	JH1DGJ	VE3YV
CU3EJ	K1ESE	PY2MC	UA3O	K4VIG	W0RX
I5REA	K8YSE	RU1AB	WB4KTF	K8CW	W8IQ
JA8BAR	LY1G	SV1VS		KG9Z	W9RC
K8AV	N1SV	W3FI	253	KJ7TEA	WB8K
LA6UL	N6MZ	W8MJ	AC9O	N4SC	XE2D
LA9FFA	NT5V		FG4NO	N5UL	XE2X
N3RC	SK7AX	256	JA6IVR	NV4B	
N8OC	SP6A	BH4QYX	JA8XQI	SM5FQQ	248
NK4L	TG9NX	EC1A	JE1HRC	W2JLK	AK5X
NX0I	WS9V	FG8OJ	K6MKF	W2TB	DS5DNO
W5ZG	WV8DX	GU0SUP	K8DV	W3ABT	EA4DEI
W6NWS		IK4HPU	KE1F	W4SK	G3VPW
W7LGG	259	JA0KJE	KM6HB	W5GAI	HB9DOT
W7QDM	CT3KN	JF2VAX	N7XR	W8OP	HL2KV

JA1PBV	244	G8AJM	M0CSD	235	K8BN
JE2VLG	G4FKA	JA6AVT	N4PJ	EA5B	K8EAB
JJ1SKG	IK8UHA	JH1UBK	N5ZC	EA7QW	KK9H
KF9UG	JA1CZI	JP1IOF	VU2CDP	EU1U	N9BX
N4QWZ	J16IHG	K1XV	VU2DCC	JE1IBI	NE3F
N4XP	JN1NBU	K7KB	W3MR	K0EOO	SM0XBI
N6KZ	K0KG	KV1E	W4KA	K0VSH	W2NRA
SV1IW	K1YR	N4OA	WA4QMQ	K4YJ	W6YOO
W8IW	KK1W	N9SF	WB0TVY	K5CWR	WB2KSK
	W0QQ	W5DNT	ZL4AS	K8ZM	WD8PKF
247	W4REX	W5QM		N2FF	WE4S
AA7G	W5PJR	WB8CQV	237	N4IQ	
CT1FUH	W9FI		CT1BOY	NA5Z	232
K1PL	WA2USA	240	G0VXE	NJ7G	EW4C
K3VAT	WA3F	G7SSE	HB9CXZ	NW4M	G3XLF
KH6M	WA8MCD	IW3GJF	JH1DGQ	TA1CM	HB9DVO
N7DED	WC3W	JA1DM*	JR0QFA	W2DXE	HL2ZN
NA9RB		JA2FSM	K1RV	W7YW	JH0OXS
OZ7FOC	243	JF2OZH	K2NV		JH6DUL
PY5IP	DS5TOS	K4QE	LB5WB	234	JR3VMJ
S51NM	EI2HY	K9JU	SM0MPV	DF7EE	K4ST
W7IB	G4XRV	KF0LA	UN9L	DK2CC	K5FNQ
W9JJB	JA2EPW	KZ5DX	W6AER	HB9BYQ	KB1DMX
	JS6TWW	N0ABA	W8UN	HS1NGR	N3PS
246	K8ME	N4HID	WA0ROI	IK0LNN	N9PGG
GW4TSG	W1BR	PY2GG	WB8B	JA2OLJ	NY2NY
HL2EIZ	W4PNY	SM3LGO	WB8ZRL	JE2EBT	RQ3A
I0JBL	WX2U	SP5LKJ	YO3JF	JH5HDA	SV8DOU
IV3KFB		UX5UO		JK1BSM	W6CYX
JK1WSH	242	W0SZ	236	JR4LZX	W9ZCL
JR7GBL	EI9FVB	W8WEJ	HB9DQV	K0VM	
K3EA	JA4ZA	XE1RBV	HB9ZS	K4JC	231
KB6CIO	JH1ERJ		IK2DUW	K4MF	AD5WB
W1KMA	JH1WJR	239	JA1HOM	K6ZZ	DK6OR
W3ICM	JK1VXE	AG1A	JA1JYE	KE5FXE	IK1IYU
W5ZO	JR1MLU	DJ9RR	JA3KNN	KE8UM	JA1MZL
	K3NQ	IZ1JMN	JN1NOP	KX2A	JH0AWC
245	K3WWT	IZ2FOS	K1ACL	ND4V	K2RU
AC9EM	K4PB	JA6CBG	KM3J	SV8CKM	KD6UO
AJ8MH	K7FEL	JA7KE	KS4S	W3WST	LZ2XF
G3KMQ	KJ7M	JA9NFO	N4GN	W9MO	N8HRZ
HB9JOE	LU6ETB	JE2UFF	N6IE	WA5UA	NA4EA
JA3QOS	N2NS	K2XF	OE2BZL		SM7NDX
JJ6DGP	N6HY	K8YYY	PA0TCA	233	W4UDH
K5IB	NF4A	N8SHZ	W0HBH	AA9GR	
KF7PG	PA3BWD	WA6JA	W2YR	AA9RR	230
N0AH	RC2A		W4GIW	AJ4A	G3LUW
N2NW	VK3BDX	238	W6DR	DH0GSU	JA5NPV
NZ3O	W8CZN	JA0LXP	WA1PMA	DS3HWS	JH7WQX
OE3KLU		JF0JYR	WY6N	EA5AR	J11VVB
S55ZZ	241	K9GA	YB2TX	JA0KJD	K2SY
YB0NFL	AB5C	K9OR		JA3NHL	KC9K
	E21EIC	KA4RRU		JH1SOD	N4TOL

W2KA W8FIB W8WVM W9YE WB2NPY	W5RF W5SL WA9GON	JH1OGT JO1LVZ K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN WN6K ZS2Y	KU4XO KV4AA N9JR RU0SN W0BM WA0WWW WB0N WC2K	218 DL2NOM DL4NBE EA2AFV G4VMX I7PXV K5ALQ KE3D N4JT SM7WVZ TZ4AM WA2NPD	KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL WA6HBR ZL2AL
229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO JA7QQQ K0HD K3FM K4CMS KD1F KI4DLS N4NW NE6I UR5FEO W1WC YB1TJ	226 DM2RM I0OSI JH1IED K2BA K2HAT K2SD KK0DX KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK W7HR W9DX WB0O	223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ IK2RZP IZ8MBW K0NV K6IPV KI6CG KW4V N4ENE NY1V W8LMG WC4H	220 AA6RR DL4LAM EA5DFV JP1GUW K1DJ K1NJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR W5THT	217 IK0CHU JA2NNF JA7ZP JG5RVQ K1RH KK2M KU4BP N6QI OZ0J W0TM YO3IPR	214 3A2MW DJ3AS F4GVO HB9VAB JA7DPC K0QQ K2AZ N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG
228 7J1ADJ AA0MZ F1RAF F5LIW JA1OVD JF1RYU JF1WLK K4KGG KE0A KE4UW RA3QUA VR2CH	225 DK5RL DS4AOW EU1M G3SBP JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0IL K0OK K1JIU K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT KB5UNX KS4YT KU8X RA4P VE7BV W5UQ	219 AA8SW F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5JZ KD2T KE6V KG6I KI7AO KR2Q KR6C N1KC N6DX W5GA W6GRV WA3I WW8W	216 AC4VM CX2CC DJ3XG I1YDT IT9AAI K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L	213 9A1AD AG3V DK3UA HB9HIT IT9ODQ IV3FFI JA0LFV JA1FVS JG1JPE JG3RWX JR1EFG KD4SN N6PEQ N8GP NA2M* SM7GIB VK3FM W1LE W3BJ
227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K2TER K5CD K5GH N1NU N6OJ NA9Q W4DEE	224 JA8NFV	221 EA2AAZ IZ1JLG JI1NJC K4CGY K4MV K5DV K5ZQ		215 9H1EJ AA7XT DS4GKF HB9IIO I5XFD IZ0BVU JR0AMD JT1BV	212 G4ZOY JA1BWA JA3LDH JJ2KDZ

JR2PZX	WB0ULX	K8NK	K1VI	199	W4HZ
K3SX		KK5OQ	K4GO	AA3TH	WQ5R
N4FN	208	KK9T	K4JKB	AC0X	XE1H
SM5AOG	7N3IJT	KW4CQ	K8YE	AD4AA	196
VK5GR	DL4FAP	LA6OP	K9OW	HI3T	CT3CD
W5DAW	HP2NG	N7NF	K9TF	JH0RVY	DF2UA
WW2DX	JH0NOS	N8BJQ	KA1DJ	JI1WLL	G1VDP
WY1G	K0THN	W7IUO	KL7TC	JM1SZY	HB9ESS
YL2TW	K4WES	WA3WZR	KM7R	JR7ILA	I7LGM
	K5RJ	WI7P	N4TV	K4SX	I8YAV
211	K9SG		N6PAT	K4VNY	JA1XRA
JE2KSM	KC2SST	205	W1DYJ	KI4WCQ	N2GZ
JJ1JMZ	N6ZN	AC9S	W3BNN	MU0GSY	N3QE
JJ1KZZ	N7WS	DL6UNF	WA3FRP	N2RR	N4HN
JO4JDU	NU1O	GM0VRP		NC2Y	NA9A
JR1JGA	NW6S	IK0WRB	202	PB9FN	SP3F
KT2C	W1FA	IK3GBG	BV1EK	V51YJ	SP5MXZ
N1BY	W5FPT	JA4DHN	DL8DWL	W6JZ	W3ML
VR2XLN	WA6G	JA7JM	IK5BOH/2	W9LN	W5AAJ
W6UC	ZS1J	JA7MNF	JR1IZM	W9RXJ	W6HYI
W6WF		JO3WHB	N8WD	WB4YDL	WB5NHL
	207	K4YYL	NN9X		
210	9K2BM	K5VR	W3NS	198	195
AA4LR	DG5LAC	KT4AC	W4RDX	AG7N	CT1ELF
CU3AN	JA7MAD	KW1DX	W7TUS	DJ0MCH	K3DFL
JA7FAS	JE3EDJ	N2KI	W7VY	IV3BSF	K3NF
JH6RTO	K6ZP	N2ZA	WE2N	JA6ENL	K4KEW
KD8RQE	KE1VT	OH3OJ		JM1ESG	KE4S
LU4FW	M0HIH	WA4MME	201	K7PT	KF9AF
N8BK	M0IKW	XE1J*	GI4OWA	KA1J	N3XM
ND3L	N9AKR		IZ0GYP	KZ1W	NA6MG
PY2WC	NW7US	204	K0MFI	N3ND	NN2D
S54A	OE1JIS	JL1GYZ	K2CYS	NN5E	OH6NIO
W5WP	ON4ANN	KB5HC	N4PYI	RA3BL	PP7LL
W7FP	RD9M	KK8MM	OH2LHE	VK6OZ	SQ7FPH
W9IL	TF3DC	KM9E	RT5A	W6SHY	VE3YXO
WA9BZW	VK2CA	N7ELL	W1OP	WA2VQV	W3SB
WK8A	W1AW	VU2IBI	W6AEA	XE1FAS	
YB0DJ	W1MJB	W4GP		YV5LI	
	W4GE	W7IV	200		194
209	W6KK	WB8BZK	HB9AGO	197	A65BD
JH8UQJ	W9QO	XE1L	HB9FBG	4X4MF	EA5ZR
K0LB	YB0MWM		IZ5FSA	BA4TB	K1LT
KB2FCV		203	IZ8EKL	EA1DLU	KP3AH
KB4MRX	206	7L2QAD	JA3EY	EA5HM	KR8T
KO8SCA	AG5W	DF3EC	K1ZJA	F4WDL	NJ3K
N4TD	CT1HHP	F5NBX	KC6JAM	IV3AVQ	SP6EII
N9XX	HB9CRV	IK2RGT	KM4VI	JA2MNB	VU2LBW
PU1KGG	IW9DNI	IZ0BTU	N1IA	K6TAR	W4DC
SM5BNK	IZ4DIW	JA0CIU	PY3VB	K8SIA	W5UHQ
W6DCK	JA4DNC	JA7JPZ	VK6LC	KD1AB	W7PAQ
W8BLA	JF1IRW	JH8NBJ	ZS1DX	W2CQ	WA1NXC
W8HMK	JH1FVE	K0CS		W4DAO	XE1R

193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM K1JD KM1C LZ2ZG NU4B PY8WW SM5ELV SP5IXS W8NN WA9DU WB6CJT	WB4DNL WF1H WI8R 190 AA4U DJ9KV EC7B F4DSE G3WW HL4CCM JA2ITK JA3AVO JH8KFE J12UDK K5RKS K7UT K8ZT/QRP KD0AA N3AIU N6MXU OT1A SM0BYD VA3OKG W2OR W9ROG WA8LRW WB4GLI 189 AA4UC I0LYO IV3KCB JA1SGU JG1SWM K3HW K5TN K6UXO KY5I N2MEE N6NU ON6KE RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP 188 EA7AN JA0GCI	JH7NTW JS6SCC K2AX K2DC N2ZZ OZ9XU PY2RN W0PE WV4V YO2DFA 187 4X6KJ AF6PK IK8GJR KM4NS N6VNI W2CG W5ZE XE1YD 186 K1BZ K5EWS K5QX K6EGF KC6X N5QS W8RV WA5IPS WZ4RC 185 JK7LXU K0KP K3PP K9AQ KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WV2I 184 AD6ZJ EA5RU IK0HBN JA7FVA K3JM	N5FEE NW7M SM2EJE UN7BY UT7KF W6BK WB2HJV WB3BFC WB5STU WX0Z YB1RUS 183 IU0ICA JA2KSP JA3UNA JE4CIL K6LRN LA7EIA NA2U WF8R YB2TS 182 AE4M I5FLN I8LWL JA6SQR J11CQA JK1DDG K5DCW K7LAZ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ 181 EI3CTB IZ4AIB JA1SZN KY6R N1HO N6VS N8AYY NM1G	NV4A UA9AEU W6TK 180 A61BK AA4AK AD0K DK1NAL JH1IZR K8SL N7VPN NA5S VR2XYL W0MS W4DSM WA6EZV 179 DL5MHQ IK1ZNM JA1BON JA3EEM JH1XFR JK1JAS JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV SP5ELW TF3JB W0UC W0ZS W1HS W4CCS W4TUN W8QXR WC0W 178 AA8KY EA2AGV EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T	N4ST N6DHZ OZ1HPS W7HUY WB6AXD 177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K0KV K2JL K2MK K3OX KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND 176 DL6NW F4FLF G4AYU JH8FIH JR1FHP KK7YC KT8D KW9U LA4JGA N1JP VE1VOX W4LEW W9WO WA3GNW WD4IXD 175 AG5CN EA6UE IU8IYE IW1PUR IZ0CKJ JE3PCP K1ROA K4WY
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KD4POJ	LZ1XL	VE1OP	N8JS	RL3BZ	W1OK
KF6HI	N3AO	VE2YG	N8OQ	VK3TC	W1XV
KN7D	N5PA	W0OGH	N9ATF	W2FS	W4PGM
N7NG	N7GCO	WA4USA	PT2ADM	WB2WPM	W8MIL
NS3L	SP5ES	YO4AUL	PY2SEX	WB9PNU	WB9B
UA1OM	W1ASB		WA0SXV	WC4X	XE2YWH
UA9AGX	W2NY	169	WA5NFC		YO3DDZ
	W6FL	AC0DQ		164	
174	YB4IR	DM3CW	166	AC4BT	162
AG4Q		JA1KXT	AL7R	CT3DL	4F1OZ
DL5KUA	171	JE1PHH	DL1SVA	DL7JRD	AB1J
HB9HVG	AA5N	K0PX	GM7NZI	EI6IZ	BH4IGO
JL6USD	AD3C	K8ZZU	HL4XM	IZ0GVZ	DJ7JC
JR3TOE	CT2GZE	K9OT	JA1PVX	K6CF	DS3EXX
K1XE	DL5MM	KI2D	JG3KMT	K6GFJ	HS8KAY
K5CR	F9CI	N4MI	JN4FNZ	KA1API	JR4CZM
K7STO	JJ1BDX	N5MT	JR6GHN	KB7QFE	K0SRL
K9HQM	JS6QOM	N6MB	K0FLY	KD8MQY	KC4HN
K9UQN	K2TV	RD3BD	K7CTV	N2XQM	N4BAF
N7NW	K4NTO	SV1IZY	KN4FO	N7WI	NP3CW
NG9J	KB0V	WA6QGH	KR4BD	NA2P	W4NBS
TF3VS	KC5LK	WB8EKG	SP7QHR	PT7DX	W8FN
W5JMW	KP4DKE		SV2CLJ	S50B	
W5WI	KW4J	168	VA7DX	W6SIY	161
WA4BIM	N8WRL	A92IO	W4PGC	W9CSX	HB9GWJ
WA4NUF	NA6O	AB4GE	W8SAX		HB9MXY
WB8QZM	ON6MX	EW1P	WA1ZIC	163	HL3ERJ
	VU2MSA	JA0PZJ	WA5NOM	4O3A	JP7FSO
173	W0MU	JE4KCN	WB3JFS	AA4OC	K2OP
AB6CF	WA4DOU	JH1ORA	YO3AIS	AD5MD	K4AR
AI9U	WA5KBH	JH3EQP	ZL3RJ	AI4QQ	KM4A
DM6MA		K0PC	ZS6IR	DS4NPL	N7QT
HB9DVZ	170	K0RAR		EA1AZ	N7VZ
K6UNE	DL2JIM	KF0RQ	165	F4CPF	NA6XX
K8JE	EA3HDZ	LU8ADX	AG6HE	HA5BSW	OK2ZDL
KI6MQX	EI5KO	LX1CW	CU3HN	IK2ULM	SM3PHM
LA9VBA	EI6AL	OE1ALW	EI5JL	JA0MRW	W5BK
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SM0EUI	JQ1YIW		JR1KBJ	KE1B	E70T
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WY7FD	N3WD	KB8NTY	LA2XPA	N4KM	JG2LGM
	N4VN	KD3HN	N1QY	N7KDT	JK1EBA
172	N6EM	KE3X	N2RJ	N9LEO	JK1NPH
EI1DG	N8VV	KH6XT	N3KS	R3IS	JM1JZN
K5TA	NJ6W	N1ZJ	PT2ND	SM7CZL	JR1CAD
KM4HQE	NX4TT	N4PL	RA0BA	VA2LC	K7LY

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N5WA	W0JMP	K2DF	W3DIY	DK3FB	AI6P
N8IL	W8LIG	K4EZY	W8OM	DL9SAD	F5NNN
NI5F	WB2RAJ	K4WM	W8VK	EI5GM	IW5EIJ
W1TO	WB9ZNZ	KM2O	WB4SON	IT9ABN	JF2AIJ
W9FF	WT2P	M0IFT		IW7EDZ	JR3PKO
YO8CRU		NH6L	152	IZ2MHT	K5LY
ZS6RJ	157	NK7Z	AC6BW	JA7GZM	KA3GWD
	AB2E	NO9E	AK9B	JR7XOD	KB8ZUN
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DD0VE	JA0NZR	W5SV	G4AFJ	KI7M	W4AFB
DK8IZ	JA1UBZ	YB1AYO	IK5BSC	KX5U	W4AG
EA1P	JA3MHA		K2EK	N0TK	W8VI
IK0WMJ	JE3OUW	154	K4RDU	N6JOJ	W9GM
JA0ED	JG1XBM	AC8TO	KD2OV	NM4SH	W9MAK
JA4FKO	KN7Y	AJ8B	KE9S	ON6ZV	
JG1WNO	N4QM	DS5WQT	N8IK	SM0BSO	147
JH1BHW	N6VH	JA0GZZ	N9GKE	VU2NXM	AB9KZ
K0IO	N7JB	JA1IHD	ON4LG	W3KB	EI7GY
K1EDG	N9AZZ	JA4HXF	R9JX	W4IDX	G3VQO
K4SAF	N9MB	JA8ANQ	W6RFF	W4NE	I4JEE
K8EB	NJ6K	JE6PJP	W7JET	WL7OU	IS0/YO3RA
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LA8ZAA	PY1NS	JR3QHJ			JK1OTP
N1MD	W3HKK	K5DXR	151	149	K3GGN
N4GBK		KC1ERO	DF1IR	7N2JZT	K5UZ
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WD5BJT	JA2ODB		K1QN	K9EXY	
XE1MW	JA9RT	153	K3GW	KD4EE	146
	JH2AJY	HB9BEM	K4DET	KM2E	AE5B
158	JL3DGI	JA3UOQ	K7LAY	KP4DS	EA4D
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IK1UGX	KA9OKH	K0YL	KE8G	NU4Y	K6NR
IK3DVE	N5QZ	K3GO	KK4CLY	NZ0O	K8ARY
IW0ECV	N7RD	K8ROK	N7MB	RT0F	K8POM
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K4HQB		K9UWY	SM0NUE	UA9MC	KM8AM
K8GWU	155	K9YZ	VA3EJN	W1DAR	N6FS
KB2XJ	5P5Q	KF9LI	VA3HP	W4MA	N6RK
KC3AK	DK3QM	KK4XL	W3HER	WA1EHK	N9MR*
KF7NN	F6KOP	KL7NW	W5WLA	WF7T	NJ1Q
KJ7NO	G0THF	LA2IR	W6WA		SM3DXC
N0SL	IV3TDM	M0MCV	WA9JWL	148	TF4M
N4XMX	IZ0FUW	N0VVV	WC2C	4F3BZ	WA2MUA

WA3SKQ	KE4FW	140	KU9S	W4PV	NC6RJ
WW8RT	KG6D	AD9DX	N0LD	W7KKC	PA0QRB
XE2B	KJ2U	EI6JK	N3PV	W7SX	SM3WMU
YB1BML	KJ4R	K0UBR	N5RN	WX2K	W2KNG
ZS6UT	KN7K	K3HPA	N9BVA	135	W4UAT
145	LB2TG	K4AU	OD5YA	AA5H	XE2AD
5T5PA	N2YBB	K5GZR	OE6BME	AB4FH	133
AA5TL	N4UP	K6EV	PV8ABC	F6FHZ	7J1ABD
AC7JM	N7ZA	K6GCN	V31CQ	GM5YTT	DL8OH
AL7TC	TG9AJR	K7VC	VE3MSC	HZ1GW	G4NBS
DL1MEV	W4JVN	K7YMG	W0UHL	JA1DCK	GM1BSG
EA4S	W4UFO	LA8PDA	W4DWS	JA3MIO	HB0WR
EA7LS	W7VS	LZ2HM	W4EJG	JA7MWC	HK4EB
F1OBJ	WY0V	N2TC	WA1LAD	JJ1HLL	JA5IBP
JH1CTV	142	N7TW	WA5POK	JL2ULM	JM1JIV
JJ1OKK	AA4DD	NR0Q	137	K3WGR	K6ME
K5FXB	JA1PUK	NS0D	DL2RD	K4OP	KC2STA
K9GWH	J11UHZ	VE3NJC	G3PSM	KC3RKW	KG6WIK
KQ5M	K2CJ	W5VU	HL1MKT	KC9WPS	KI4TZ
KS0M	K3GT	W9BS	JH1SBE	NX8Y	KR4DA
N6KK	K9UO	WB1ASL	K2CDJ	S53MJ	LA9KY
NS4X	KA6BIM	WW6G	K2RKJ	W5IO	N1BKB
W3DQS	KV7N	YB3MM	K6IRA	W7QHE	NT9F
W7NP	LA1J	139	KP4N	WA7HR	OH4KRN
WR7Q	W8WV	F5VML	N9NFT	WB1DX	OH7HM
144	141	HB9ARK	NI4Y	WB3AVD	VU2ABS
AD0TR	7K3QPL	HB9DTE	OE3JAG	WB6FWS	W1GY
DL6DCD	9H1AE	HL4CBX	PY3OG	WB9IWN	W3MF
GM0VIT	EA1T	K0QB	SM5CSS	WO5I	W6OUL
K1TKL	EI3ISB	K2WJ	SP3EPG	134	W9SE
K7QBO	HB9EXQ	K9TRV	TA1AL	AB0RX	WA6MRK
K8OS	IZ3XEF	KX4I	W2GGY	DL4ZAB	WB1S
N5UE	K2JK	N0CKC	W4UEF	EA6AZ	YO3GJC
RN0C	K4RM	N2SG	W9MR	IZ8DEO	132
TF5B	K5VG	N7UJJ	WA0WOF	JA5SEY	AA4FU
UY2UZ	K8RCT	PY2OP	WA5YOM	JA6GXP	AK3E
W0AIH*	K9AAN	R9MJ	WG0G	JR0GXA	AK6I
WB9W	KA5SYP	TA1PB	WS1F	JR1HYA	I8NLC
WX3P	KA5VFU	ZL3TE	YB2IQ	K3KY	IK8OZV
143	KE7BMG	138	136	K7FL	IZ0COI
AA4MM	KO4DKI	AC5AA	AC9GK	K7RAN	JA9KRO
AF3X	N5JED	DL5KUT	DM5JBN	K7YZO	K4BNF
EI7JZ	NZ6N	DL5ZB	G0OSK	K9JDP	K5SES
FM5DN	SV2JU	G0FWX	IS0EBO	K9SUH	KD3UY
HB9AAA	W1ITU	JA0CVC	KB8KIM	KA9JCP	KG8OU
JA1MOD	W1NA	JA1VRY	NT5EE	KD2SC	KI7HO
JF2RSF	W3IZ	K2YSY	ON5GF	KF5WCP	KK5ID
K2OO	W5GOL	K6CW	ON5RKN	KN4OK	M3DFW
K6LPO	W6HDG	K9BO	VE3FRR	LB5GI	N3TR
K9BQL	WK9U	KC9G	W0ANZ	N1AH	N4EDT
		KF6A	W4GH	N6XT	N4QOG

NN3V	JA0AVS	DL9GTB	N8YQX	KD9ZR	DB4RG
ON6YH	JA1PLT	EA4TX	N9XG	KE8NOA	G0HSA
SM7DXQ	JA2ACI	G8BCG	VE3TMG	KK4TKJ	HC1HN
UW7UA	JA3WMS	HB9TJG	VK2DAG	KV8P	IU4BJC
VU3WEW	JH1RFM	HK6K	VR2VGM	N0YO	JA9ALR
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W4MC	K7ORK	JA0BES	W9COS	N5VBK	K1AJ
W5FL	KB4KBS	JE2VYM	XE3E	NT4K	K3DQB
WA1HXH	KN4WOJ	JG1LRE		W0DD	K4VAC
WA1KXV	N9AVC	JG5DHX	125	W6ELI	K9KJ
ZS1EL	SM2YIP	JH1HRJ	AC4XO	W6ND	KB4ET
	VK5CE	J11MNT	AF8C	W8PAT	KN9N
131	W4BH	JR1LZK	EI8GS	WW5L	N1ZZ
JF2OHQ	W7TG	K2GW	G4EHT	ZL3REX	N4GRC
JH1IYY	WU7X	K7LFY	IK8PGE		N9ATD
JK8VMB	XE1ILI	KF3N	IZ8EYN	123	UT9LC
JM1CMA		KS8W	JP1GVC	AB4BJ	W1ES
K0ARM	128	LA2LI	K0MD	AB9BH	W1HEO
K7GA	A71XX	N0AB	K5NOF	AE5FM	W1KKG
KA5IAU	EA1AHA	N0DL	K9ARZ	AI5EG	W5HNK
KB3IFH	EA3NG	N1BZ	KK5J	DJ6OZ	W6HB
KD2NF	EI3IO	N3GTG	KK7BR	DS4DBF	WF5I
N0AKC	F4GTB	NA1RL	NA7RH	G6NHU	XE2MX
NG4DX	HL2DBP	ON5EQ	NN6CH	IK0XKP	
NN6K	JA6NQT	VE3EDY	SM5AFU	IZ8LMA	121
VE3NKS	JH1AWJ	VU2TMP	TF3MH	JA1GLE	5H8HZ
W5EC	JH4GXE	W0MF	W0XE	JA2HOL	AK0A
	K6OJ	W3KN	W3ATV	JH1RVQ	DL7UGO
130	K7PTC	WA2BOT	W4AO	JL3RNZ	DS4OMS
AA4QE	K9YKL	WB2KSP	W5CWQ	K2JGL	HA2EQD
DL1SWN	KC2WUF	WB9TFH	W6PG	KC2THY	IK6BMU
JA2LMY	KD5R	WC2L	WA4TMJ	KD0KZE	JA1CPN
JH3PRR	KG2U		WM4AA	KG4OJT	JA1EYN
JL4BSE	N0JR	126	WR2G	LA2XNA	JA1WTO
K2MHE	N5EI	CU7AJ		LX2SM	JE2DOD
KI0HA	R3BB	DS3EXT	124	N1GFV	J15WDC
KN4JX	UR9IDX	EI4HH	7L3SQL	N6DVR	K1LTJ
N2YF	W0QD	IK4TVP	DJ3EJ	N9RE	K3CWF
N5JEY	W5MF	IU8GNY	EC4KW	OH3TY	K9MQ
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NS4F	W8BI	JA5XPD	G4RGK	SV7CUD	KU2A
OZ6TL	W9EBO	K2GLS	IT9YOZ	VE3VHH	N3ER
PU4MMZ	W9TO	K5KDX	IZ0FYW	W2ARP	N5ZY
W1MO	WA4UWD	K5WRE	IZ1UKF	W2WGK	NA2R
W2FDM	WC4V	K7PO	IZ5BYJ	W4UT	NA4MM
W9CTJ	WP4CQ	K8GT	JA3AOP	WB8TGY	NY4G
WB8RFB	WQ1H	K9QA	J11DMH	YB9WZJ	OZ6EI
YO8PS	ZS6AKU	KC5RR	K3SUI	ZS6NK	PP2FN
		KK4CB	K6VVK		TA1L
129	127	KM4CQG	K7HC	122	UA0FDX
AD6KQ	7Z1HL	KS4WA	KB8DID	AA0BH	UR5FLN
AE7U	AG4TO	N1GNB	KC2NJ	AA5B	W3/NH7C
DS4EJA	DJ5DT	N5HC	KC4AA	AB5YI	W3JXP

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W4KCM	N6DW	KB2S	JA0NPQ	EI2FG	K8CJY
W7PC	N8LCU	KB5CSQ	JH8LEY	F5EOT	K9KDS
W9MB	ON8PHD	KO4PY	JJ2VLY	F8GB	KH6P
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WB7BBQ	SV2KF	KZ1X	KB4CRT	G4NAQ	N8AID
WQ8T	VK7AP	N8AGU	KB7V	G4YCS	NQ4A
WT3Q	W1ZK	VE7NY	KG4URP	HB9GZE	NZ7Q
WU9D	W3MRL	W3LWH	MM1PTT	JA2CPD	S51DV
	W6ZPL	W4ARK	N7PIB	JA4CSJ	SP2LLP
120	W8EOG	W4PG	NE1RD	JF1AZQ	W1USN
AA2T	ZL2AO	WB9WHQ	NG0G	JG0HEW	W3WN
AC4TO		YO6HOY	NW6V	JH1GNU	W4LLP
AE5LK	118		OE5MPL	K1JKR	W5GCX
AI2S	6K5AQY	116	SP5BMU	K2KNB	WD8LTM
CT7ABD	AE1T	6K2ILX	W3UNX	K4JDJ	WF4W
CU2CE	AJ6X	AA0FT	W4OV	K4JLD	WJ1B
DS3DNT	DJ9KM	EA5GXI	W5WS	K4TR	WN1M
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F5AQB	IZ1JIZ	G8GHD	WJ5K	K7MO	
IK8IPL	JA6CMQ	IZ2CSX	WS4H	K9DUR	111
IT9JPS	K9KJS	JA2KPW		KA5OWI	AD7XG
JA1DCO	KA9JAC	JT1CO	114	KB1OIQ	AJ6V
JH5OTE	KB3KJ	JT1DN	G3CWW	KB2TGU	AK4N
JJ1XVA	KD9BIE	K1EO	HC1HC	KC0V	EI9CN
K3QB	KG5VK	K4GHS	I0BJV	LU3JVO	F8DZY
K5TU	KM6WXB	K4LCP	JA1CCH	M0NGN	G4ZWY
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KJ6Y	KY6AA	K8MN	JA8EIA	SV2DSJ	JA4DLF
LU3XX	LZ1XZ	KC1RET	JG4OOU	VA3AYA	JA5EEU
N0TR	N3HYB	KD5RBU	JM3XZC	VK7ZE	JE1TNL
N1TQP	N8KUS	KQ5S	JR4DHK	W1FC	K2KYH
N2SO	NA9L	N0ATQ	K1RE	W3JM	K5NV*
N3DV	VR2CC	N0UCR	K2IRM	W6BBS	K8ZEE
N3GS	W4VG	N2ZL	K3PL	W7CD	K9JIG
N4UFP	WA7ZXD	N4KEB	KB1W	WB2UFF	KI2Y
NJ8G	WA8RCK	OE6CLD	KI8AE	WB9YJE	KM5VI
NR2D	WB5TOI	RW6MBC	N3DD		N4NYY
VE3QAA	ZS2I	SM1NJC	NA1DX	112	NT5O
VR2ZXP		VR2IL	NG8T	3C3CA	PT7CB
VU3RGB	117	VY2RU	NK5K	7Z1CQ	TA1UT
W1RG	AD7L	W0LGQ	W0QKL	DL5FAC	TA2RC
W5RYA	CE3FZ	W1HQ	W2ZK	G0DTX	TA7AZC
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YB0AZ	IS0BZR	WA4VJK	WN0L	IK4EWN	W8PE
	IZ7QFN	WW5RC	WT9U	IS0BQE	WB8PKK
119	JA8WGX		YB2BNN	JA4RED	WU4B
DL2VWR	JA9KA	115	ZS4JAN	JF3AHI	XE1ZTW
F5BAR	JM3GXU	AA9WO		JH0LME	
HL2MHU	K0FF	AF7WM	113	K0XM	110
JA6JYM	K4AEH	E74A	AB1NS	K4HEB	AC0B
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CT7ANG	KB7DT	N7TP	WU1U	105	F6ARS
DK4MX	M0AQM	TF1A	ZP6CW	AA2F	G0DRM
EA1BLA	N4LS	VE7VV		AI1W	GW0ANA
EI9HX	N4WD	W4DVG	106	AP2IA	HA5DI
G4VWI	N6RVI	W6CN	AB6WQ	DL9GTK	HB9BMY
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HB9BEP	NW6R	WB5ZAM	AC8IL	EI6GF	JA1DHY
HG6IA	NX1P	WC4B	DS2GOO	FM5FJ	JA1RBY
IZ1EPM	PF7M		DS5MNO	G3LOJ	JH1MYJ
JF3KOA	PV8DX	107	EA3AGY	GM1TBW	JI4HKA
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K6SLO	W7CB	EI5GSB	G4FVZ	K0MB	K7UW
K9TVG	W7VP	IC8XIL	HI7SB	K1ETA	K8WVA
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KN6HIP		JA3MAT	JA3FRI	K7CMZ	KE9V
KV3W	108	JE1CTA	JF7NNI	K8FB	N1FOJ
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PV8AJ	AC9DX	K2ZD	KA1CTL	KZ4EX	N4ZR
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YO5QAW	IK1RKN	KR4U	N8OYY	VU2DED	VK3MB
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	JA2KGQ	N0MHL	NG4C	W1PY	W5PD
109	JH1OVY	N1UZ	NI7F	WB8LEM	W9GXR
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AF3K	K3XO	OV2B	PY2OC	WZ9B	WF8Z
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G0MMI	KE7AUB	TA1CQ	VU2MB	104	ZS6HON
JA1QEY	KI4SFT	UX5XK	W0TLX	7N4OBV	
JA5GOJ	KJ2AM	V31MD	W4/KL7GLL	AA2WC	103
JA9IWR	KJ4SKO	VA2GA	W6KF	AA6XV	AF8P
JH4GNE	KO4XI	W5HY	W7GB	AB5GU	DS5JMG
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K4AEN	N2IFA	WB2MKX	WV4E	EA4EJP	FM4LV
K6JAD	N5FPW	WM4W	ZL3RIK	EI3HA	HB0RER
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J11FXS	N2FY	K8PGJ	AE4VJ	KA2F	W4DFU
JP1KHY	N4IR	K9GL	AF9W	KA4H	W4YR
K0OOK	N8KOJ	KB5YN	AK1P	KB4DSL	W5YKU
K1FBI	NA4D	KC3OPI	AK4AO	KB6IGK	W6OZI
K2RNY	NN5O	KC4ZA	DB6VH	KC5N	W9KM
K3PIN	R9GM	KE9UA	DC1TK	KD1DT	W9ZT
K3TXW	S51MA	KG5POL	DK1MCS	KE1IU	WA2ALY
K4NI	SM0XG	KJ5RC	DK7GH	KF5MDZ	WA2VJL
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K4SAW	VK2GR	LA3ANA	DL5JH	KF9EX	WA3YZD
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KP4DDY	W7IMU	N8ERL	EI4GJB	KK6MF	WB6RAB
KQ6K	W9GWP	NC8I	EW4A	KL2R	WB6RJH
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N1MIE	WB7QBS	NZ1I	G0GFC	KR4Q	WD4GZW
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W2SUB	YO6BHN	TG9AKH	JG3LDD	N3NVA	YE1AR
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W7UV	101	VU2OT	JN1RFY	N5LJL	
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WC9C	AB4EJ	W2GHD	K0JDD	N7WR	
YB1ALL	AB8YZ	W2GM	K1HC	N8HM	
ZL1IM	C31MF	W3RMS	K1JX	N8XS	
	DD9WG	W3SW	K1PTF	N9MKC	
102	DL3XAC	W4PM	K1XO	ND0B	
4X1VF	EA4OR	W6OU	K2UF	NE3K	
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AC0XY	EA8TZ	WM5H	K3NO	OM2AGN	
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K2DH	IU2LFP	100	K4RSA	VA2EU	
K2DW	JA1KZP	2E0XAR	K5KEW	VE1JF	
K4HR	JA5ALE	9M8DEN	K5LLA	VE3KKB	
K6BLG	JA5JUG	A41ZZ	K5MMH	VR2PX	
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KB1AWM	K3AXB	AC0DH	K5YE	W1MJC	
KO3F	K3LA	AD4J	K7VL	W2MW	