

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 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	VE2TZT	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	HK3W

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JA8RJE	JF2UPM	HB9SLO	NQ1K	ZL3JT	SP7ITB
JA9CWJ	JG3LGD	JA0CRI	R7NW		SV2AEL
JN3SAC	JH1NYM	JF8QNF	SP9JZU	305	W1SKU
JR2BJE	JR1BAS	JG3FEA	UR5EDX	AJ6T	WT8C
K8NVR	JR1BLX	K0KX	VA5DX	DJ4XA	
N5OK	JS3CTQ	K6RO	VU2NKS	G5LP	302
NN4R	K4SO	K8AC	W1YM	JA1IOA	DJ5JH
OE3EVA	K6KLY	K8FL	W2QO	JA1WSK	F5CQ
ON4IZ	K9US	KC7V	W5ADD	JA2NDQ	G3SVD
PY2NQ	LA7JO	LA9AJA	W6ENZ	JA7BWT	HL2IFR
SM3VAC	LB8DC	NS6C	W9MU	JE6TSP	JE8CLT
SV2DGH	N2NL	RA0FF	WA8WV	JH7RXU	K4MS
WB0TEV	N4TL	RL9F	WE9R	K0JUH	OH8LXT
	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
HA1RB	JH1AGU	K1AR	JA6WJL	DJ9ON	AE5E
IZ8FFA	JH1QAX	K2UU	JJ3HGJ	DK5AD	CU2AP
JA2AH	JN1BMX	K8QM	K2SHZ	HB9CEX	HB9BOI
JA2ZL	JR6FC	K9ZO	K9RX	JA9FAI	HP2AT
JR4OZR	K1HT	NN4SS	LU8EKC	JE1DXC	JA0DIN
JR9LKE	K3RA	NU8Z	NI6T	K7WP	JA1LSP
K2LS	K5XI	R9TO	W7DO	K8GI	JA1SVP
K5AQ	KG4W	RU3DX	W7OM	N7US	JE1LFX
KB0EO	N1IBM	RX3AGD	W9JA	N9RS	JG8FWH
LA7AFA	N5ORT	UA4LY	WA5VGI	UY5AA	JK1GOK
MD0CCE	RU3QR	W2JU			K4SE
OE1AZS	SV1CNS		306	303	LA5LJA
OE1ZL	UT2UB	308	9K2OD	E72U	MM0EAX
SM4DDE	W7CT	DL2CHN	DL1KUR	EA3GHZ	RN3QN
SV1DPI	W8HW	F4BKV	DL5EBE	G3LZQ	UN6T
SV1JG	WD9DZV	HK4SAN	HB9DDZ	HB9DDO	WB5JID
UA6MF		IU7QBB	I1EIS	HL3IUA	
UX0FF	311	JA1IZZ	IK4PLW	HL4CJG	300
W9RN	CT1FMX	JA2WYN	JA2VQF	IK2RPE	AC0A
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	JA2XYO	JA9GPG	JR2UBS	JK1EXO	DL4CF
313	JA4MRL	JE2EHP	K5WAF	K7ZA	EA1AF
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CT1GFK	OE3SGU	K0GY	OE5RLM	LA3WAA	IZ5RVG
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IZ2AMW	PY2XU	K8OM	R9FM	RL3FA	JA9AA
IZ8FWN	UR0MC	K9MK	SP5IWA	RW4NN	K8GG
JA1GRM	WB9CIF	KI0KB	UN7JX	SM6CUK	K8TL
JA5IU		KN5O	US5WE	SP2BMX	K8VFX
JA6VQA		KS1J	W5AJ	SP3IBS	PA3CSR
JA7JWF					

VU2PTT	296	HA5VZ	291	VE3EK	N8SNM
W3OA	AA4R	HA9PP	4Z4DX	W9YSX	UR5WA
W3RJW	AA8OY	IT9CVO	EA6ET		VE1JBC
W6TC	AD6W	JA1XPQ	G0EHO	288	W3GQ
W9AJ	CT1DOF	JA5SUD	JJ1TKN	CT3MD	W6PJ
WA9PIE	EV1R	JE1GWO	K4ZO	JA2JRG	W8AXI
	GM0AXY	JH1BAM	KP2A	LZ2JE	W9MJ
299	IV3YYK	JJ1DWT	LA5HE	N4LR	WN6W
4X6ZK	JA1JAT	JR1DUP	N2TN	N5LZ	
DM2DXA	JK1TCV	K3FRK	N7RO	N6UK	285
EW2A	K0KT	K7ZV	PY2KP	ON6AA	CU2DX
HB9CQK	K3PA	KD0Q	VE3CFK	UA3AGW	DL2SWN
HB9RG	K6FW	KZ4V	W7BEM	W1YIF	EA3GHQ
IK5RUN	K8VC	N0KV	W8TN	W2LE	EA5KA
IZ4MJP	LA8PT	RU6L	W9FR	W2NO	HL2WA
JA7LGE	LU4FPZ	SV3DCX	ZL4TT	W3FOX	IK8VRH
K6SIK	N0RB	W3JX	ZS2DL	ZS1A	IZ8DFO
K9SM	RA3QK	YO2CMI		ZS2EZ	JA0PE
KB8VAO	SM6BZV		290		JA2IYJ
N9FN	SV9COL	293	AA4A	287	JA2VMU
UA9FAR	UA6YW	DL1HRN	DS1JFY	9M6YBG	JR8AMF
VE3BW	YO2RR	DL1SMA	I4KDJ	AA8LL	K1USA
WA3AFS		EA3WD	JA1KQX	AA8R	K6GXO
XE2CQ	295	G4GIR	JA1QXC	IV3GOW	K6PJ
	DL1DUO	IK0HFO	JF1NZW	JA9NLE	KJ6P
298	EC3A	IW1QN	JH3GCN	JE2OVG	LA8HGA
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CT1FCX	JA1BPA	JA3EOP	KD0PO	K5RT	OE1WHC
DL7BA	JA1FQI	JH0BQX	LA2QM	LA3MHA	PE1L
IW0HQE	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	GM3YOR
K8EUR	K4XD		W1EQ	WA6F	IZ3ENH
N4RWG	K5VIP	292	W2LK		JA0DET
ND0N	K5ZK	DL5CW	WB9EEE	286	JA8CJY
PY2VA	N7TY	E72A		AB5A	JG3SKK
ZL1BYZ	NA5C	EA5AT	289	CT3HF	JH3SIF
	RM0F	G8DX	DL9TJ	DL2VPO	OE2GEN
297	SM5FUG	HB9BAT	HB9RYZ	HL3GOB	OH4UI
E73Y	SP8HKT	IZ0RVI	JA8EJO	IK0AGU	SM0CCM
JA3RQ	SV1GYG	IZ3ETU	JA9FPI	IK0XBX	SM6CTQ
JE7JDL	W5LT	IZ8VYU	JA9IFF	IZ8XQC	W2AY
JG0CQK	W6XK	JA3ENN	JG1WSC	JA2FGL	W4FQT
K6ND	W7AL	K5DHY	JH4GJR	JE3ENP	W5ODD
K8WK		K7ZD	K3UL	JF2WGN	W8BBQ
KG7H	294	N8II	KK0M	JH1BNC	
KT1J	AI9L	R6AF	R0FA	K1LPS	283
W2GG	AJ9C	W4VIC	RA1QD	K1RO	DF2GH
W6YI	EA6NB	W6SR	S57AT	K5PS	JA1RTX

JL1XMN	ZS4TX	W2PP	W7MEM	K3PU	W9OO
K3WW		W3BW		LA9GX	WA1YTW
N6TA	279	W8RLS	273	N4UOZ	
OE8SPW	AA6AA		CT1BWU	NN4X	267
W1LW	HK1MW	276	DH2PC	UA3TT	DL4DW
W6BJH	JA2XCR	DK3WW	JA1KPH	W1MK	HB9MFM
WT4Q	JA8DNV	HB9LCW	JA2TBS	XE1MEX	IV3VBM
	JE8TGI	IZ5BAM	JA6BEE		JA2QXP
282	JF2XGF	JA7FWR	JM2RUV	270	JA7BEW
K1DT	JH7BKN	JA7LMZ	K4RG	7K1PTT	JA8UIV
K5UO	JK1UNZ	LA0FA	KA1ERL	AA4FL	K5VWW
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PC3T	KF2DT	N5MOA	LB2TB	DK8MCT	SM5BMB
SM4CTI	KQ4AV	ND4X	N4IG	EA1KY	W6RS
UA0BA	OH1ZK	NK0S	N4JQQ	F9XL	
W4OX	SM0NJO	OZ1LCG	OZ1ACB	K0BJ	266
W9HBH	VE3DZ	RX4HZ	OZ4VW	K7UA	EI8IU
WA3C	W4UCK	SM5CLE	RW7M	K9JF	IK0UTM
XE1KK	WB2BIN	UN3G	W4HG	N4QQ	IW7DVM
	WO7R	W1ZT	W8QZA/QRP	N6RV	JA3BXF
281	WS5W	W2OIB	WA0MHJ	OE3HWC	K8AJS
AD5Q		W5GO		PU2POP	NU1B
BA4RF	278		272	VE6LB	PZ5RA
EA5OX	9A4T	275	AF9H		RA4CA
F3AT	CT1FPQ	AB4SF	DS5ACV	269	SV1HEP
I1FQH	EA8RR	JE1BMJ	I5OYY	HB9IQB	VE3YF
IZ8FDH	EI9JF	JG1OGM	IK5PWN	IK7FPV	W0FLS
K0GD	F2NH	JJ3CJP	JF1LMB	IK8EPC	W7YAQ
N2WB	JA8LRG	N2JJ	JH1OBS	JA1OVF	W8MET
N5GH	K2UR	N6PSE	K1UU	JA1VLK	WB2GAI
OZ1IKY	N4HB	N7KA	K6IPM	JA4VLK	WB3LHD
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W0LS	SM4AZQ	PA7RA	K8BL	JH3FHQ	265
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W8KEN	W4MAY		KB1EFS	K6EME	G3WPH
	W8MHW	274	KI4GE	KR0P	JA1VRU
280	WF2S	7M4AOE	N2DPF	NW7E	JA4FM
CT1EAV		EI6FR	NV9L	OM4EX	JE2RDO
GM3PPE	277	EW1KP	OE5FIN	SM5FWW	JH1ACA
JA3XNH	EU1KY	IW0HOU	PA0ZH	YB1AR	JR1WCT
JA6TMU	F5PBM	JA8ZO	SV1ACK		K0DD
JH1HHC	F5UJK	JH1IAQ	W2OO	268	K2CBI
JN7DOS	IZ4DPV	JM1GHT	W3AP	HB9BUN	K2SN
JR6LLN	JA8EOT	K3PT	WA1S	JA1IAZ	N5KM
JR7FRW	JH3KAI	K6UM	WL7E	JA1NWD	N9JV
K0TT	K2AJY	KA8SYV		JH4HMG	SP6JIU
K4WNW	K8UT	KA8ZPE	271	K2KA	VE3SKX
OH1JP	N9RD	KS3F	4X1RU	K6BV	W5DM
PY2DS	ON4CAS	NA5DX	HL4GAV	KD4W	
SM5CZK	SV1FJP	RA5BM	IK2DZN	N2AJ	264
UT7UV	UW2ZM	SV9AHZ	IZ8EJB	N5JB	4Z1UF
VK3HJ	W1KSZ	UA3ECJ	JH1OCC	SM6BGG	EA1KP
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HB9DHG	W9PZT	DJ8NT	JH1RGG	W6RW	250
IK4AUY	WA3GFM	EW1BA	K4JJW	W8GNM	6K5YIA
IZ0NRG	WB8ART	JA8BNP	K6EID	WF4U	EA1RT
JA7HRM	WQ6Q	K2UFM	M0TTB	YB0COU	HA7TM
JF2WXS	YB2DX	NI3P	VK3NX		HB9EFK
JR4LNG		PY5CC	W6DE	252	JH3GFA
K1CA	261	SV1FKZ	W8JRK	DL7UPN	JH6PFY
K8RRT	7K1CPT	VK4CAG	WB7B	F1ICS	JL1MWI
N1EN	DK3PZ	W1KDA	WV9L	G3KWK	JR0EQQ
N1GC	EA3EQT	W7AH		G3NKC	JR5JAQ
PA7TWO	G3UAS		255	JA1BNW	K1KA
SV1CQN	IS0AFM	258	AI6Z	JA4HAW	K9YC
VE6AX	IZ8IEV	CU3EQ	EA5RD	JF3PNQ	K9ZM
W5PF	JA3FHL	DK7YY	F6ECI	JF6XQJ	KQ3F
W6TMD	JH2PWY	HL3AMO	HC1BI	JH4CBM	OH2IS
WV4TN	K2FW	JA9AGN	HI8R	JL1BYZ	PA0JSE
	K7LJ	JR3UIC	HL3DE	JR1VAY	PY2FN
263	KM1D	KH2L	IV3TMM	K1EFI	W7HPW
DK4TP	LA5SJA	SA0AQT	JK1OPL	K5FZ	W7IU
EA3CJ	N9UA	US0YA	K1FEV	KB9DAK	YL2KF
EA4DL	OM8FR	W1SSN	KR4F	N6PM	
HA7UW	SM7CQY	W5JAY	N1RK	OH7TV	249
JA7XBG	W0JM	W9EWZ	N5BO	W2GW	AF5CC
K1KO	WA5LFD	ZL2IFB	VR2XMT	W2ZI	HL2CFY
K4KAY	ZS6WB		VU2CPL	W7CA	IZ8GGF
K8FH		257	W2/CT1GIF	WA4CEM	JA8FFM
K9FN	260	AF4HX		WA4JQS	JH1APK
KN6KI	AA9A	DJ0UT	254	WV6E	JH8GEU
N1RR	EA8MT	DL9FCY	BA7IO		JJ1QUV
N7BT	EA9IE	EA1JO	CT1BWW	251	K9NR
NA5Q	EC1AIJ	EA7SG	IZ5YHD	9A4W	KF7F
NF1G	F6HLC	EB3CW	JH1VUO	DL2RTL	N0RN
SM7IUN	FG5FR	HA5PT	JH2VUH	JA1DDZ	N3KN
W0GG	JA2FBC	IK2PZC	JJ1BMB	JA1EMQ	NH6T/W4
W2XI	JA3VPA	JA6OXT	K0GW	JA1SKE	OZ5NJ
WA4LOX	JA3WLN	JE1PNX	K3SEW	JA5BGA	SM4OLL
ZS6NJ	JH3FUK	K1SM	KI1U	JE1VTZ	UN3GX
	JH4ADK	N1API	LA5YJ	JH1DGJ	VE3YV
262	JJ2WOC	N6HC	NE8P	K4VIG	W0RX
CU3EJ	K1ESE	PY2MC	UA3O	K8CW	W8IQ
I5REA	K8YSE	RU1AB		KG9Z	W9RC
JA8BAR	LY1G	SV1VS	253	KJ7TEA	WB8K
K8AV	N1SV	W3FI	AC9O	N4SC	XE2D
LA6UL	N6MZ	W8MJ	FG4NO	N5UL	
LA9FFA	NT5V		JA6IVR	NV4B	248
N3RC	SK7AX	256	JA8XQI	W2JLK	AK5X
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NX0I	WS9V	FG8OJ	K8DV	W4SK	G3VPW
W5ZG	WV8DX	GU0SUP	KE1F	W5GAI	HB9DOT
W6NWS		IK4HPU	KM6HB	W8OP	HL2KV
W7LGG	259	JA0KJE	N7XR		JA1PBV
W7QDM	CT3KN	JF2VAX	UA0FO		JE2VLG

JJ1SKG	244	G8AJM	M0CSD	235	K8EAB
KF9UG	G4FKA	JA6AVT	N4PJ	EA7QW	KK9H
N4QWZ	IK8UHA	JH1UBK	N5ZC	EU1U	N9BX
N4XP	JA1CZI	JP1IOF	VU2CDP	JE1IBI	NE3F
N6KZ	J16IHG	K1XV	VU2DCC	K0EOO	SM0XBI
SV1IW	JN1NBU	K7KB	W3MR	K0VSH	W2NRA
W8IW	K0KG	KV1E	W4KA	K4YJ	W6YOO
XE2X	K1YR	N4OA	WA4QMQ	K5CWR	WB2KSK
	KK1W	N9SF	WB0TVY	K8ZM	WD8PKF
247	W0QQ	W5DNT	ZL4AS	N2FF	WE4S
AA7G	W4REX	W5QM		N4IQ	
CT1FUH	W5PJR	WB8CQV	237	NA5Z	232
K1PL	W9FI		CT1BOY	NJ7G	EW4C
K3VAT	WA2USA	240	G0VXE	NW4M	G3XLF
KH6M	WA3F	G7SSE	HB9CXZ	TA1CM	HB9DVO
N7DED	WA8MCD	IW3GJF	JH1DGQ	W2DXE	HL2ZN
NA9RB	WC3W	JA1DM*	JR0QFA	W7YW	JH0OXS
OZ7FOC		JA2FSM	K1RV		JH6DUL
PY5IP	243	JF2OZH	K2NV	234	JR3VMJ
S51NM	DS5TOS	K4QE	LB5WB	DF7EE	K4ST
W7IB	EI2HY	K9JU	SM0MPV	DK2CC	K5FNQ
W9JJB	G4XRV	KF0LA	UN9L	HB9BYQ	KB1DMX
	HB9EBM	N0ABA	W6AER	HS1NGR	N9PGG
246	JA2EPW	N4HID	W8UN	IK0LNN	NY2NY
GW4TSG	JS6TWW	PY2GG	WA0ROI	JA2OLJ	RQ3A
HL2EIZ	K8ME	SM3LGO	WB8B	JE2EBT	SV8DOU
I0JBL	W1BR	SP5LKJ	WB8ZRL	JH5HDA	W6CYX
IV3KFB	W4PNY	UX5UO	YO3JF	JK1BSM	W9ZCL
JK1WSH	WX2U	W0SZ		JR4LZX	
JR7GBL		W8WEJ	236	K0VM	231
K3EA	242	XE1RBV	HB9DQV	K4JC	AD5WB
KB6CIO	EI9FVB		HB9ZS	K4MF	DK6OR
W1KMA	JA4ZA	239	IK2DUW	K6ZZ	IK1IYU
W3ICM	JH1ERJ	AG1A	JA1HOM	KE5FXE	JA1MZL
W5ZO	JH1WJR	DJ9RR	JA1JYE	KE8UM	JH0AWC
	JK1VXE	IZ1JMN	JA3KNN	KX2A	K2RU
245	JR1MLU	IZ2FOS	JN1NOP	ND4V	KD6UO
AC9EM	K3NQ	JA6CBG	K1ACL	SV8CKM	LZ2XF
AJ8MH	K3WWT	JA7KE	KM3J	W3WST	N8HRZ
G3KMQ	K4PB	JA9NFO	KS4S	W9MO	NA4EA
HB9JOE	K7FEL	JE2UFF	N4GN	WA5UA	SM7NDX
JA3QOS	KJ7M	K2XF	N6IE		W4UDH
JJ6DGP	N2NS	K8YYY	OE2BZL	233	
K5IB	N6HY	N8SHZ	PA0TCA	AA9GR	230
KF7PG	NF4A	WA6JA	W0HBH	AA9RR	G3LUW
N0AH	PA3BWD	WB4KTF	W2YR	AJ4A	JA5NPV
N2NW	RC2A		W4GIW	DH0GSU	JH7WQX
NZ3O	VK3BDX	238	W6DR	DS3HWS	J11VVB
OE3KLU	W8CZN	JA0LXP	WA1PMA	EA5AR	K2SY
S55ZZ		JF0JYR	WY6N	JA0KJD	KC9K
YB0NFL	241	K9GA	YB2TX	JA3NHL	N3PS
	AB5C	K9OR		JH1SOD	N4TOL
	E21EIC	KA4RRU		K8BN	W2KA

W8FIB	W4DEE	224	K4MV	218	JT1BV
W8WVM	W5RF	JA8NFV	K5DV	DL2NOM	KF4NEF
W9YE	W5SL	JH1OGT	K5ZQ	DL4NBE	KO6KD
WB2NPY	WA9GON	JO1LVZ	KU4XO	EA2AFV	N8NN
229	226	K1CBK	KV4AA	G4VMX	RN9N
AA3LX	DM2RM	KZ5DX	N9JR	I7PXV	W0FG
AE0P	I0OSI	N3RW	RU0SN	K5ALQ	W0TT
AH0U	JH1IED	N7WO	W0BM	KE3D	W1JGS
DL8SDC	K2BA	RW4CY	WA0WWW	N4JT	W4IS
IK2GAJ	K2HAT	SM7BHH	WB0N	SM7WVZ	W6SL
JA2VHO	K2SD	SP6AXW	WC2K	TZ4AM	WA6HBR
JA7QQQ	KK0DX	V51B	220	WA2NPD	ZL2AL
K0HD	KK4OK	W7NN	AA6RR	217	214
K3FM	N2KX	WN6K	DL4LAM	IK0CHU	3A2MW
K4CMS	N2SQW	ZS2Y	EA5DFV	JA2NNF	DJ3AS
KD1F	N5ET	223	JP1GUW	JA7ZP	F4GVO
KI4DLS	N6BM	AB4UF	K1DJ	JG5RVQ	HB9VAB
N4NW	N9AOL	AF2C	K1NJ	K1RH	JA7DPC
NE6I	NG7M	EA7DUD	K1NTR	KK2M	K0QQ
UR5FEO	VE7TK	HB9HBZ	K1TZQ	KU4BP	K2AZ
W1WC	W7HR	I8MTQ	K4EU	N6QI	N9KW
YB1TJ	W9DX	IK2RZP	K4MIJ	OZ0J	PY2RO
228	WB0O	IZ8MBW	K5MT	W0TM	SP7ICE
7J1ADJ	225	K0NV	K6MM	YO3IPR	W0KCJ
AA0MZ	DK5RL	K6IPV	K7AWB	216	W4WN
EA5B	DS4AOW	KI6CG	K9WX	AC4VM	WB6BFG
F1RAF	EU1M	KW4V	KV4T	CX2CC	213
F5LIW	G3SBP	N4ENE	KZ9DX	DJ3XG	9A1AD
JA1OVD	JA0EVI	NY1V	ON4ATW	I1YDT	AG3V
JF1RYU	JA4CZM	W8LMG	SM0DSF	IT9AAI	DK3UA
JF1WLK	JF1MTV	WC4H	UR4IOR	K7LV	HB9HIT
K4KGG	JH8NQV	222	W5THT	KK4OW	IT9ODQ
KE0A	JL3OUW	AK5Q	219	KR4W	IV3FFI
KE4UW	K0IL	DJ9SO	F5JSD	KX4TT	JA0LFV
RA3QUA	K0OK	DL5XL	HB9BNQ	LB6KC	JA1FVS
VR2CH	K1JIU	E77S	HL5BMX	NC4RB	JG1JPE
227	K3SF	IZ7AUH	IK5QPS	PS8ACL	JG3RWX
DF8FT	K4JWA	JM1VRW	JA1FJJ	W0SR	JR1EFG
DL2RUM	K5YU	K2AT	K5JZ	W5VQ	N6PEQ
I0MWI	MU0FAL	KB5UNX	KD2T	WB3D	N8GP
JA0DWY	N0ODK	KS4YT	KE6V	WS1L	NA2M*
JK1SQI	NA2AA	KU8X	KG6I	215	SM7GIB
K1GE	W5GZ	RA4P	KI7AO	9H1EJ	VK3FM
K2TER	W5LO	VE7BV	KR2Q	AA7XT	W1LE
K5CD	W5TFW	W5UQ	KR6C	AA8SW	W3BJ
K5GH	W8UV	221	N1KC	DS4GKF	212
LU6ETB	W9KVR	EA2AAZ	N6DX	HB9IIO	G4ZOY
N1NU	WE1P	IZ1JLG	W5GA	I5XFD	JA1BWA
N6OJ	YO9FNP	J11NJC	W6GRV	IZ0BVU	JA3LDH
NA9Q		K4CGY	WA3I	JR0AMD	JJ2KDZ
			WW8W		

JR2PZX K3SX N4FN SM5AOG VK5GR W5DAW WW2DX WY1G YL2TW	W8HMK WB0ULX	JH1FVE K8NK KK5OQ KK9T KW4CQ LA6OP N7NF N8BJQ W7IUO WA3WZR W17P	K0CS K1VI K4GO K4JKB K8YE K9OW K9TF KA1DJ KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	199 AA3TH AC0X AD4AA HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	WQ5R XE1H
211 JE2KSM JJ1JMZ JJ1KZZ JO4JDU JR1JGA KD4SN KT2C N1BY VR2XLN W6UC W6WF	208 7N3IJT DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME 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	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W3ML W5AAJ W6HYI WB5NHL
210 AA4LR CU3AN JA7FAS JH6RTO KD8RQE LU4FW N8BK ND3L PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	207 9K2BM DG5LAC JA7MAD JE3EDJ 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	197 4X4MF BA4TB EA1DLU EA5HM F4WDL IV3AVQ JA2MNB K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ	195 CT1ELF K3DFL K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3SB
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BT JA0CIU JA7JPZ JH8NBJ	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX		194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R

193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM K1JD KM1C LZ2ZG NU4B PY8WW SM5ELV SP5IXS W8NN WA9DU WB6CJT	W8UQ WB4DNL WF1H W18R 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 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 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 AD0K 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	KC4HN
K9HQM	JS6QOM	N6MB	K0FLY	KD8MQY	N4BAF
K9UQN	K2TV	RD3BD	K7CTV	N2XQM	NP3CW
N7NW	K4NTO	SV1IZY	KN4FO	N7WI	W4NBS
NG9J	KB0V	WA6QGH	KR4BD	NA2P	W8FN
TF3VS	KC5LK	WB8EKG	SP7QHR	PT7DX	
W5JMW	KP4DKE		SV2CLJ	S50B	161
W5WI	KW4J	168	VA7DX	W6SIY	HB9GWJ
WA4BIM	N8WRL	A92IO	W4PGC	W9CSX	HB9MXY
WA4NUF	NA6O	AB4GE	W8SAX		HL3ERJ
WB8QZM	ON6MX	EW1P	WA1ZIC	163	JP7FSO
	VU2MSA	JA0PZJ	WA5NOM	4O3A	K2OP
173	W0MU	JE4KCN	WB3JFS	AA4OC	K4AR
AB6CF	WA4DOU	JH1ORA	YO3AIS	AD5MD	KM4A
AI9U	WA5KBH	JH3EQP	ZL3RJ	AI4QQ	N7QT
DM6MA		K0PC	ZS6IR	DS4NPL	N7VZ
HB9DVZ	170	K0RAR		EA1AZ	NA6XX
K6UNE	DL2JIM	KF0RQ	165	F4CPF	OK2ZDL
K8JE	EA3HDZ	LU8ADX	AG6HE	HA5BSW	SM3PHM
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LA9VBA	EI6AL	OE1ALW	EI5JL	JA0MRW	W5RDW
N7HN	JA1GVT	OH3PYY	HK3PJ	JA4GXS	W6DOE
N9DR	JG1GJH	R4FAN	HL1VAU	K0ABC	W9GG
N9IO	JG1RYQ	SV1XV	IK0XIH	K0CF	
NC7B	JK1BIB	VR2MY	JE4WOK	K4GN	160
NX2X	JQ1PCX	WA9IVH	JF1KML	K4OY	E70T
SM0EUI	JQ1YIW		JR1KBJ	KE1B	EA1WH
W2PD	K6JJ	167	JR6LDE	KO4PRE	JA1ITJ
W4DTA	K7CU	JA8BOV	K3VPZ	KW4MM	JA1UOA
W7VAS	LA2GH	JE3FOR	KG4CUY	LA1CO	JF3VEC
WA7BNG	LB7ZG	KA5JSM	KG5NP	N0AMI	JG2LGM
WY7FD	N3WD	KB8NTY	LA2XPA	N4KM	JK1EBA
	N4VN	KD3HN	N1QY	N7KDT	JK1NPH
172	N6EM	KE3X	N2RJ	N9LEO	JM1JZN
EI1DG	N8VV	KH6XT	N3KS	R3IS	JR1CAD
K5TA	NJ6W	N1ZJ	PT2ND	SM7CZL	K7LY
KM4HQE	NX4TT	N4PL	RA0BA	VA2LC	N0IW

N4MEC	N6MM	JA0EBV	OH3FVP	150	148
N5WA	N8TFD	JA6SUY	SP5NON	DK3BK	4F3BZ
N8IL	W0JMP	K2DF	W3DIY	DK3FB	A71AM
NI5F	W8LIG	K4EZY	W8OM	DL9SAD	AE0MO
W1TO	WB2RAJ	K4WM	W8VK	EI5GM	AI6P
W9FF	WB9ZNZ	KM2O	WB4SON	IT9ABN	F5NNN
YO8CRU	WT2P	M0IFT		IW7EDZ	IW5EIJ
ZS6RJ		NH6L	152	IZ2MHT	JF2AIJ
159	157	NK7Z	AC6BW	JA7GZM	JR3PKO
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CT1ESO	E20YLM	NU1T	BX5AA	K5HK	KA3GWD
DD0VE	EI2JD	OE1HHB	DF2WF	K8WHA	KB8ZUN
DK8IZ	GM4KHE	UT7EC	DU1KT	K9RT	LZ1MDU
EA1P	JA0NZR	W5SV	G4AFJ	KI7M	PY2CP
IK0WMJ	JA1UBZ	YB1AYO	IK5BSC	KX5U	VE6TL
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K4SAF	N7JB	JA1IHD	ON4LG	W3KB	147
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K9QJ	N9MB	JA8ANQ	W6RFF	W4NE	EI7GY
LA8ZAA	NJ6K	JE6PJP	W7JET	WL7OU	G3VQO
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N4GBK	PY1NS	JR3QHJ			IS0/YO3RA
N4VG	W3HKK	K5DXR	151	149	JJ0LZQ
NE5S		KC1ERO	DF1IR	7N2JZT	JK1OTP
NF7D	156	NE5W	DL4KUG	DS4DRE	K3GGN
OH3DP	EA3HPX	W4CIR	J68HZ	ER0FEO	K5UZ
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W1EBM	GM3WIL	W8TM	JE1COB	JS6SCC	KB1HY
WD5BJT	HB9HHH	WA9MAG	J13BFC	K2KIB	KB9LIE
XE1MW	JA1CCG	WN7J	K1IG	K2RET	SV8RX
	JA2ODB		K1QN	K4TXJ	VE3FAC
158	JA9RT	153	K3GW	K9EXY	W3NRJ
9J2BS	JH2AJY	HB9BEM	K4DET	KD4EE	
G4SGX	JL3DGI	JA3UOQ	K7LAY	KM2E	146
IK1UGX	JM1LPN	JH2NWP	K9AAA	KP4DS	AE5B
IK3DVY	K2HT	JR7MAZ	KE4BKL	N0STL	EA4D
IW0ECV	KA9OKH	K0YL	KE8G	NE0U	HP3TA
JJ1KXB	N5QZ	K3GO	KK4CLY	NU4Y	JA3KWZ
K0SRL	N7RD	K8ROK	N7MB	NZ0O	K6NR
K4HQB	W1MR	K9MMS	NU4I	RT0F	K8ARY
K8GWU		K9UWY	SM0NUE	TF3Y	K8POM
KB2XJ	155	K9YZ	VA3EJN	UA9MC	KB9AIT
KC3AK	5P5Q	KF9LI	VA3HP	W1DAR	KM8AM
KF7NN	DK3QM	KK4XL	W3HER	W4MA	N6FS
KJ7NO	F6KOP	KL7NW	W5WLA	WA1EHK	N6RK
N0SL	G0THF	LA2IR	W6WA	WF7T	N9MR*
N4XMX	IV3TDM	M0MCV	WA9JWL		NJ1Q
	IZ0FUW	N0VVV	WC2C		SM3DXC

TF4M	K6LPO	140	KF6A	W4GH	N6XT
WA2MUA	K9BQL	AD9DX	KU9S	W4PV	NC6RJ
WA3SKQ	KE4FW	EI6JK	N0LD	W7KKC	PA0QRB
WW8RT	KG6D	K0UBR	N3PV	W7SX	SM3WMU
XE2B	KJ2U	K3HPA	N5RN	WX2K	W2KNG
YB1BML	KJ4R	K4AU	N9BVA		W4UAT
ZS6UT	KN7K	K5GZR	OD5YA	135	XE2AD
	LB2TG	K6EV	OE6BME	AA5H	
145	N2YBB	K6GCN	PV8ABC	AB4FH	133
5T5PA	N4UP	K7VC	V31CQ	F6FHZ	7J1ABD
AA5TL	N7ZA	K7YMG	VE3MSC	GM5YTT	DL8OH
AC7JM	TG9AJR	LA8PDA	W0UHL	HZ1GW	G4NBS
AL7TC	W4JVN	LZ2HM	W4DWS	JA1DCK	GM1BSG
DL1MEV	W4UFO	N2TC	W4EJG	JA3MIO	HB0WR
EA4S	W7VS	N5JED	WA1LAD	JA7MWC	HK4EB
EA7LS	WY0V	N7TW	WA5POK	JJ1HLL	JA5IBP
F1OBJ		NR0Q		JL2ULM	JM1JIV
JH1CTV	142	NS0D	137	K3WGR	K6ME
JJ1OKK	AA4DD	VE3NJC	DL2RD	K4OP	KC2STA
K5FXB	JA1PUK	W5VU	G3PSM	KC3RKW	KG6WIK
K9GWH	J11UHZ	W9BS	HL1MKT	KC9WPS	KI4TZ
KQ5M	K2CJ	WB1ASL	JH1SBE	NX8Y	KR4DA
KS0M	K3GT	WW6G	K2CDJ	S53MJ	LA9KY
N6KK	K9UO	YB3MM	K2RKJ	W5IO	N1BKB
NS4X	KA6BIM		K6IRA	W7QHE	NT9F
W3DQS	KV7N	139	KP4N	WA7HR	OH4KRN
W7NP	LA1J	F5VML	N9NFT	WB1DX	OH7HM
WR7Q	W8WV	HB9ARK	NI4Y	WB3AVD	VU2ABS
		HB9DTE	OE3JAG	WB6FWS	W1GY
144	141	HL4CBX	PY3OG	WB9IWN	W3MF
AD0TR	7K3QPL	K0QB	SM5CSS	WO5I	W6OUL
DL6DCD	9H1AE	K2WJ	SP3EPG		W9SE
GM0VIT	EA1T	K9TRV	TA1AL	134	WA6MRK
K1TKL	EI3ISB	KX4I	W2GGY	AB0RX	WB1S
K7QBO	HB9EXQ	N0CKC	W4UEF	DL4ZAB	YO3GJC
K8OS	IZ3XEF	N2SG	W9MR	EA6AZ	
N5UE	K2JK	N7UJJ	WA0WOF	IZ8DEO	132
RN0C	K4RM	PY2OP	WA5YOM	JA5SEY	AA4FU
TF5B	K5VG	R9MJ	WG0G	JA6GXP	AK3E
UY2UZ	K8RCT	TA1PB	WS1F	JR0GXA	AK6I
W0AIH*	K9AAN	ZL3TE	YB2IQ	JR1HYA	I8NLC
WB9W	KA5SYP			K3KY	IK8OZV
WX3P	KA5VFU	138	136	K7FL	IZ0COI
	KE7BMG	AC5AA	AC9GK	K7RAN	JA9KRO
143	KO4DKI	DL5KUT	DM5JBN	K7YZO	K4BNF
AA4MM	NZ6N	DL5ZB	G0OSK	K9JDP	K5SES
AF3X	SV2JU	G0FWX	IS0EBO	K9SUH	KD3UY
EI7JZ	W1ITU	JA0CVC	KB8KIM	KA9JCP	KG8OU
FM5DN	W1NA	JA1VRY	NT5EE	KD2SC	KI7HO
HB9AAA	W3IZ	K2YSY	ON5GF	KF5WCP	KK5ID
JA1MOD	W5GOL	K6CW	ON5RKN	KN4OK	M3DFW
JF2RSF	W6HDG	K9BO	VE3FRR	LB5GI	N3TR
K2OO	WK9U	KC9G	W0ANZ	N1AH	N4EDT

N4QOG	DS4EJA	DJ5DT	N5HC	KC4AA	AB5YI
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
W3KHZ	JN1SUT	I2YPY	W7FI	N4LSJ	K0HQW
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
JH1IIY	W7TG	K2GW	G4EHT	ZL3REX	N4GRC
JK8VMB	WU7X	K7LFY	IK8PGE		N9ATD
JM1CMA	XE1ILI	KF3N	IZ8EYN	123	UT9LC
K0ARM		KS8W	JP1GVC	AB4BJ	W1ES
K7GA	128	LA2LI	K0MD	AB9BH	W1HEO
KA5IAU	A71XX	N0AB	K5NOF	AE5FM	W1KKG
KB3IFH	EA1AHA	N0DL	K9ARZ	AI5EG	W5HNK
KD2NF	EA3NG	N1BZ	KK5J	DJ6OZ	W6HB
N0AKC	EI3IO	N3GTG	KK7BR	DS4DBF	WF5I
NG4DX	F4GTB	NA1RL	NA7RH	G6NHU	XE2MX
NN6K	HL2DBP	ON5EQ	NN6CH	IK0XKP	
VE3NKS	JA6NQT	VE3EDY	SM5AFU	IZ8LMA	121
W5EC	JH1AWJ	VU2TMP	TF3MH	JA1GLE	5H8HZ
	JH4GXE	W0MF	W0XE	JA2HOL	AK0A
130	K6OJ	W3KN	W3ATV	JH1RVQ	DL7UGO
AA4QE	K7PTC	WA2BOT	W4AO	JL3RNZ	DS4OMS
DL1SWN	K9YKL	WB2KSP	W5CWQ	K2JGL	HA2EQD
JA2LMY	KC2WUF	WB9TFH	W6PG	KC2THY	IK6BMU
JF2OHQ	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
N7TM	W6IS	JA5CDL	EI8IQ	PY2ADR	KK4ODQ
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

W3JXP	K7LOL	KB5CSQ	JA0NPQ	EA5DPL	K4ZMV
W4CC	LU9DO	KO4PY	JH8LEY	EI2FG	K4ZRJ
W4KCM	N8LCU	KP4ED	JJ2VLY	F5EOT	K8CJY
W7PC	ON8PHD	KZ1X	K8CR	F8GB	K9KDS
W9MB	SV1BYI	N8AGU	KB4CRT	G0UUI	KH6P
WA7HQD	SV2KF	VE7NY	KB7V	G4NAQ	N0OK
WB7BBQ	VK7AP	W3LWH	KG4URP	G4YCS	N8AID
WQ8T	W1ZK	W4ARK	MM1PTT	HB9GZE	NQ4A
WT3Q	W3MRL	W4PG	N7PIB	JA2CPD	NZ7Q
WU9D	W6ZPL	WB9WHQ	NE1RD	JA4CSJ	S51DV
	W8EOG	YO6HOY	NG0G	JF1AZQ	SP2LLP
	ZL2AO		NW6V	JG0HEW	W1USN
120		116	OE5MPL	JH1GNU	W3WN
AA2T		6K2ILX	SP5BMU	K1JKR	W4LLP
AC4TO	118	AA0FT	W3UNX	K2KNB	W5GCX
AE5LK	6K5AQY	EA5GXI	W4OV	K4JDJ	WD8LTM
AI2S	AE1T	EI4BZ	W5WS	K4JLD	WF4W
CT7ABD	AJ6X	G8GHD	WB4MM	K4TR	WJ1B
CU2CE	DJ9KM	IZ2CSX	WJ5K	K7BWC	WN1M
DS3DNT	IZ0RPS	JA2KPW	WS4H	K7MO	ZL3PAH
DS5QLJ	IZ1JIZ	JT1CO		K9DUR	
F5AQB	JA6CMQ	JT1DN	114	KA5OWI	111
IK8IPL	K9KJS	K1EO	G3CWW	KB1OIQ	AD7XG
IT9JPS	KA9JAC	K4GHS	HC1HC	KB2TGU	AJ6V
JA1DCO	KB3KJ	K4LCP	I0BJV	KC0V	AK4N
JH5OTE	KD9BIE	K8JRK	JA1CCH	LU3JVO	EI9CN
JJ1XVA	KG5VK	K8MN	JA1CPU	M0NGN	F8DZY
K3QB	KM6WXB	KC1RET	JA8EIA	NA9L	G4ZWY
K5TU	KX6C	KD5RBU	JA8WGX	S52R	HB9ECS
K9CHP	KY6AA	KQ5S	JG4OOU	SV2DSJ	JA4DLF
KJ6Y	LZ1XZ	N0ATQ	JM3XZC	VA3AYA	JA5EEU
LU3XX	N3HYB	N0UCR	JR4DHK	VK7ZE	JE1TNL
N0TR	N8KUS	N2ZL	K1RE	W1FC	K2KYH
N1TQP	VR2CC	N4KEB	K2IRM	W3JM	K5NV*
N2SO	W4VG	N6DW	K3PL	W6BBS	K8ZEE
N3DV	WA7ZXD	OE6CLD	KB1W	W7CD	K9JIG
N3GS	WA8RCK	RW6MBC	KI8AE	WB2UFF	KI2Y
N4UFP	WB5TOI	SM1NJC	N3DD	WB9YJE	KM5VI
NJ8G	ZS2I	VR2IL	NA1DX		N4NYY
NR2D		VY2RU	NG8T	112	NT5O
VE3QAA	117	W0LGQ	NK5K	3C3CA	PT7CB
VR2ZXP	AD7L	W1HQ	W0QKL	7Z1CQ	TA1UT
VU3RGB	CE3FZ	W7WES	W2ZK	DL5FAC	TA2RC
W1RG	F8EZE	W9LU	W8LR	G0DTX	TA7AZC
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W6GJB	IS0BZR	WW5RC	WN0L	GM0SCA	W8PE
WT5L	IZ7QFN		WT9U	IK4EWN	WB8PKK
YB0AZ	JA9KA	115	YB2BNN	IS0BQE	WU4B
	JM3GXU	AA9WO	ZS4JAN	JA4RED	XE1ZTW
119	K0FF	AF7WM		JF3AHI	
DL2VWR	K4AEH	E74A	113	JH0LME	110
F5BAR	K9LCR	HL4RBR	AB1NS	K0XM	AC0B
HL2MHU	KA4AHU	IW2FLB	DL2DCX	K4HEB	AG5Z
JA6JYM	KB2S				

CT7ANG	KB7DT	N7TP	WU1U	105	FM5FJ
DK4MX	M0AQM	TF1A	ZP6CW	AA2F	G0DRM
EA1BLA	N4LS	VE7VV		AI1W	GW0ANA
EI9HX	N4WD	W4DVG	106	AP2IA	HA5DI
G4VWI	N6RVI	W6CN	AB6WQ	DL9GTK	HB9BMY
G6MXL	NN8L	W7SMW	AC7DX	E29TGW	JA1CC
HB9BEP	NW6R	WB5ZAM	AC8IL	EI6GF	JA1DHY
HG6IA	NX1P	WC4B	DS2GOO	G3LOJ	JA1RBY
IZ1EPM	PF7M		DS5MNO	GM1TBW	JH1MYJ
JF3KOA	PV8DX	107	EA3AGY	HL4GHT	JI4HKA
JH1FRW	SP7ASZ	AB7RW	EW4DX	JA1JYS	JQ2MPJ
JR2PAU	T88UW	BG8PA	F5VIF	JE6UWU	K0BRO
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K6DJ	W5SG	EA2BFM	G3LPS	K0MB	K5JUC
K6SLO	W7CB	EI5GSB	G4FVZ	K1ETA	K7UW
K9TVG	W7VP	IC8XIL	HI7SB	K5WE	K8WVA
KF8PD	WA6URY	IW1PVT	IZ4IRO	K7CMZ	KE4YOG
KN6HIP		JA3MAT	JA3FRI	K8FB	KE9V
KV3W	108	JE1CTA	JF7NNI	KJ8N	N1FOJ
N1TQ	7M4CLF	K0FJ	JJ1IRS	KK4MA	N3PW
N3YZ	AC8MR	K2FJ	K6VWE	KZ4EX	N4PAJ
PV8AJ	AC9DX	K2ZD	KA1CTL	LA9JKA	N4ZR
TF8GX	DB9CR	K4LQ	KA9TOX	LZ1JZ	N8TEM
W1ZZ	DL1TPY	K6DLB	KD2RUY	N2YU	N8WXQ
W5JE	DL2AMD	K7UWR	KI4NSP	N9APK	NA8W
W6TCP	DL2NAI	KA4LBD	KM8V	N9IXD	OM6CI
W7YED	DM5TI	KB0EL	KT5V	NC1M	OZ9U
W8TE	DU1IVT	KF2G	M0PCB	NK7L	PY2YW
W9GFB	E70X	KF6XA	N4DJT	OH6IH	R6TY
W9JJ	EA5XV	KI0KN	N6UOZ	PV8RR	RV4LC
YB1SKR	G5CL	KJ4FZ	N7MW	VU2DED	VE3ZN
YO5QAW	IK1RKN	KR4U	N8OYY	W1MRH	VK3MB
ZS5LEE	JA2DCN	LU5OM	N9ZJ	W1PY	W0VU
	JA2KGQ	N0MHL	NG4C	WB8LEM	W5PD
109	JH1OVY	N1UZ	NI7F	WD4OHD	W9GXR
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AC8AZ	K1FUG	NI8Z	PT2DF	WZ9B	WB7QXU
AF3K	K3XO	OV2B	PY2OC	YU1LD	WF8Z
DL9QJ	K8LBT	PP5VA	UA0ABB	YV4EH	WX0B
F5DBT	KC8YG	RM6LW	VE3BHZ		YB1BUL
F8DHE	KE3ZT	SV3EXP	VE3XK	104	YO6HSU
G0MMI	KE7AUB	TA1CQ	VU2MB	7N4OBV	ZS6HON
JA1QEY	KI4SFT	UX5XK	W0TLX	AA2WC	
JA5GOJ	KJ2AM	V31MD	W4/KL7GLL	AA6XV	103
JA9IWR	KJ4SKO	VA2GA	W6KF	AB5GU	AF8P
JH4GNE	KO4XI	W5HY	W7GB	CT3DZ	DS5JMG
JI1IZS	KW1X	W8JA	WA3IIA	DD8BA	EA2RY
K0FD	LU2AH	WB2BXO	WA8Y	EA4EJP	EI9GLB
K4AEN	N2IFA	WB2MKX	WV4E	EI3HA	FM4LV
K6JAD	N5FPW	WM4W	ZL3RIK	EI4GNB	HB0RER
KB3Z	N5TW	WS7I		F6ARS	JA7HYE

JF1KIG	N2FY	K8PGJ	AE4VJ	KA4H	W4DFU
J11FXS	N4IR	K9GL	AF9W	KB4DSL	W4YR
JP1KHY	N8KOJ	KB5YN	AK1P	KB6IGK	W5YKU
K0OOK	NA4D	KC3OPI	AK4AO	KC5N	W6OZI
K1FBI	NN5O	KC4ZA	DB6VH	KD1DT	W9KM
K2RNY	R9GM	KE9UA	DC1TK	KE1IU	W9ZT
K3PIN	S51MA	KG5POL	DK1MCS	KF5MDZ	WA2ALY
K3TXW	SM0XG	KJ5RC	DK7GH	KF5TL	WA2VJL
K4NI	US8ZAL	KU4A	DL3ANK	KF9EX	WA3UTC
K4PWS	VK2GR	LA3ANA	DL5JH	KG4IYS	WA3YZD
K4SAW	W1GF	M0PTZ	DS4GQR	KI0G	WA6VZN
K6XJ	W4GHW	M5LRO	EA5PS	KI3O	WB0RXQ
K7HV	W7FS	N3CAL	EI2HZB	KI4PG	WB2AA
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KP4DDY	W9GWP	NC8I	EW4A	KL7XO	WB6RJH
KQ6K	WB4PWZ	NJ2X	F5JWH	KR4Q	WD1M
M0UPL	WB7QBS	NZ1I	G0GFC	LA4EI	WD4GZW
N1MIE	WD6T	OZ5JQ	G8GFF	M1EMC	WI0E
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NI5G	WN9A	R2ARR	HB9HFM	N0KM	WM4D
RX3BP	XE1SAX	RZ6MJ	IK7NXU	N0VTZ	WM9Q
VE7XT	YB0EIN	SV2BXA	JA7PKV	N1KI	WU1T
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W2SUB	YO6BHN	TG9AKH	JG3LDD	N4GOA	YE1AR
W4CU	ZS2ACP	UA4PK	JG5VFK	N5CR	ZS1IS
W7KHZ		VK4BUI	J11LLD	N5LJL	ZS6CR
W7UV	101	VU2OT	JN1RFY	N5LKE	
W8EH	AA9D	W0ZX	JR4VEV	N7WFK	
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WC9C	AB4EJ	W2GHD	K1HC	N8HM	
YB1ALL	AB8YZ	W2GM	K1JX	N8URE	
ZL1IM	C31MF	W3RMS	K1PTF	N8XS	
	DD9WG	W3SW	K1XO	N9MKC	
102	DL3XAC	W4PM	K2UF	ND0B	
4X1VF	EA4OR	W6OU	K2UT	NE3K	
5W1SA	EA4UV	WB5KSD	K3NO	NX6D	
AC0XY	EA8TZ	WM5H	K3RRR	OM2AGN	
DB2WD	G3VDB	WU6K	K3WSU	OR4K	
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K1MDA	IK2HLM		K4RSA	UR8IDX	
K2DH	IU2LFP	100	K5KEW	VA2EU	
K2DW	JA1KZP	2E0XAR	K5LLA	VE1JF	
K4HR	JA5ALE	9M8DEN	K5MMH	VE3KKB	
K6BLG	JA5JUG	A41ZZ	K5PSN	VR2PX	
K6JAV	JK3NSD	A71EM	K5VSD	VU2OY	
KA8HDE	K0GEO	AA7UN	K5YE	W0RMS	
KB1AWM	K3AXB	AC0DH	K7VL	W1MJC	
KO3F	K3LA	AD4J	K9EA	W2MW	
N2CJN	K5HX	AE0SQ	KA2F	W4CG	