

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 07 Dec 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	K5UR KF2O N6AR NN4T	SM3NRY W1DIG W7UT	N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA IK1GPG JH4IFF N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA2FBY JL1UXH JQ3DUE K1OA K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN K0IEA N2LT N6JV NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE W2LO			
	339 CT1EEB JA1UQP JA5EXW K5RK N4CH N8DX		333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA2KVD JA6BZI K6YRA N4AH	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1GZE JH1RFR JI4POR
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY	335 AG9S I4AVG JA0EOK JA1BK JA4LKB JA5AQC JA5MHD N0XA		
342 JR2KDN K4DY				

K4MWB	328	WP4U	323	JH4ADV
KD5M	AA5AU		AD1C	K2VV
LA5IIA	DK5WL	325	EA3GP	K4EM
LZ2DF	DL7MAE	EU7A	GM3GAV	KX4R
PY5HOT	IZ5EKV	HB9DHK	JF1KKV	N5XZ
SP3E	JA1SJV	I5NPH	K6FG	OE6MDF
VE3FF	JH2FXK	IZ0AEG	KF0QR	OE8RT
W5OZI	J12KXK	JA2FJP	LA7HJA	SM6DHU
W8UVZ	K4QL	JF1PUW	N5TY*	SV1FJA
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YU1FW	RU3FM	JH8RZJ	NY0V	W4FC
	SL0ZG	JL1RUC	OH2BLD	W8GC
330	SP9DWT	JR3GWZ	SM6DHF	
AA1ON	W1ECT	JS2LHI	SP7VC	320
DJ2YA	W2IRT	K9EU	UA3AB	AA8CH
DL1AMQ	W5FKX	K9IR	UT9FJ	DM5EE
EA7TV		K9YY	W7AO	G0BLB
EI7BA	327	R5AJ		I2EOW
HB9AMO	AB4IQ	SM4EMO	322	JA1ANR
I4MKN	CT1APE	SM6CCO	CT1BH	JA3PIS
IK4BHO	CT1IUA	SM6CMU	CT4NH	JO7WXN
IK6DLK	DL2OE	SP1S	EA2IA	K1LD
JA1ADN	EA1YO	W1RM	F5PAC	KQ8M
JA3EMU	EA5BM	W3LL	IK4GME	NE1B
K3WC	I4EWH	W6RLL	IK8YTA	UY5ZZ
K4CN	JA5WIZ	W9OP	JA4FKX	VE3EXY
K4ZYU	JE2LUN		JJ2LPV	W3KX
K9CT	JF1WPB	324	K2UO	W5WT
N4JF	JH0INP	DK9KX	K7NN	W6XA
N8JV	J18DGO	DL5DSM	KU0A	YV1DIG
N9IW	K0DEQ	FK8CP	N4DW	
NR1R	KW9A	G0DQS	N4NX	319
OK1MP*	N2BJ	G4CCZ	N4PQX	DJ4AX
RA3CQ	OE2LCM	I0WDX	OE1WEU	DK1FW
SP7GAQ	PY2YP	IK5PWQ	OH1LEU	EA8AKN
W3NO	RZ3AM	JA2BDR	ON4CD	HB0CC
W4UM	SM2GCQ	JA2DPC	PA3EWP	IK4DRR
	SM5CZQ	JJ3PRT	R7DX	JA9TWN
329	SP6M	JR2LJO	SM5KNV	J11DHY
GM3POI	SV1RK	JR3OEH	UA4CC	JR7VHZ
IT9DAA	YO9HP	K5KC	VE1DX	K6AM
IV3JVJ		K5MC	VE3LYC	N4DB
JA2JW	326	KA9CFD	W5CIA	N4QS
JA7KY	EA5BY	KV7K	W5TCX	ON4AOI
JA7MSQ	JA9APS	N1NK	WI8A	UA3AP
JH1TWT	JE1SYN	N4II		YO3APJ
K0EU	JF3KON	N8BM*	321	
K1HTV	K5EK	OE8HIK	AA4V*	318
N5AW	K8PT	R3OK	G3TXF	A45XR
NI0G	LU2NI	R3VA	HB9BIN	AA4HP
NO8D	N7RT	RV3LO	IK2YCW	DL6KR
OZ1CTK	NK1K	VE2TZT	JA0GJJ	G4PWA
R4GM	ON4IQ	W8OI	JA1XEC	JA2IVK
SP6CIK	OZ1AXG	W9OL	JA3AZD	JA2JNA
SP8NR	SP5DIR	WB4TDH	JH1IFS	JA4EPE
W5XX	SV8CS		JH3CUL	JH4JNG
WA1JMP	W8DCH		JH3VNC	K2TE

K4IQJ	315	JF2UPM	K6RO	W1YM
K5BG	9H1SP	JG3LGD	K8AC	W2QO
K5DU	AA5AT	JH1NYM	KC7V	W5ADD
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PY5EW	G3VKW	JR1BLX	NS6C	W9MU
RA7A	HA1RB	JS3CTQ	RA0FF	WA8WV
RW3RN	IZ1LBG	K0KX	RL9F	WE9R
SP1MGM	JA6VQA	K4SO	SM2OAN	
SP3CGK	JA8RJE	K5XI	SP6HEQ	307
YB5QZ	JA9CWJ	K6KLY	W0YG	A65BR
	JN3SAC	K8FL	W4BP	DK2JX
317	JR2BJE	K9US	ZS1LS	F2JD
AB3CV	K8NVR	KG4W		I5HOR
AB9V	N5OK	LA7JO	309	IK0XBX
DJ5FI	NN4R	LB8DC	JA1EOD	JA2XW
DK2NG	OE3EVA	N2NL	JG4AKL	JA3GN
DL5WW	ON4IZ	N4TL	K1AR	JA6WJL
HB9HFN	PY2NQ	N8KOL	K2UU	JJ3HGJ
K2RW	SV2DGH	ZS6EZ	K8QM	K2SHZ
K6YUI	W9RN		K9ZO	K9RX
K9MM	WB0TEV	312	NN4SS	LU8EKC
KE9L		AA5AM	NU8Z	NI6T
UX1UA	314	F3SG	R9TO	OE5RLM
W6VX	CT1DKS	JA0CRI	RU3DX	W7DO
WA7NB	EA1N	JA1SYY	RX3AGD	W7OM
WD0DAN	EA6VQ	JA1VSL	UA4LY	W9JA
WX4G	G3NDC	JH1QAX	W2JU	WA5VGI
	IZ8FFA	JN1BMX	YB1UUN	ZS2DL
316	JA2AH	JR6FC		
AC4G	JA2ZL	K1HT	308	306
DF2UU	JH1AGU	K3RA	DL2CHN	9K2OD
DL6CNG	JR4OZR	N1IBM	F4BKV	DL1KUR
G0OIL	JR9LKE	N5ORT	HB9TKS	DL5EBE
HK3W	K2LS	RU3QR	HK4SAN	HB9DDZ
IK2QPR	K5AQ	SV1CNS	IK4ADE	I1EIS
IW1ARB	KB0EO	UT2UB	IU7QBB	IK4PLW
JA1XCZ	LA7AFA	W7CT	JA1IZZ	JA2VQF
JA5XAE	MD0CCE	W8HW	JA2WYN	JE2LPC
JA8EAT	OE1AZS	WD9DZV	JA7IC	JR2UBS
K1BD	OE1ZL		JA9GPG	K5WAF
K3WA	SM4DDE	311	JE2EHP	KD3CQ
K4HB	SV1DPI	CT1FMX	JH1SJN	R8TX
K8YTO	SV1JG	IK0PEA	JK1GOK	R9FM
KG8P	UA6MF	JA2XYO	K0GY	SP5IWA
N5DG	UX0FF	JA4MRL	K0KVR	UN7JX
SM3VAC	WB8BPU	KM4H	K8OM	US5WE
SP1JRF		OE3SGU	K9MK	W5AJ
UA3DPM	313	OZ4O	KI0KB	W5XC
W1GL	5B4MF	PY2XU	KN5O	ZL3JT
W7MO	CT1GFK	UR0MC	KS1J	
W9ILY	I3BUI	WB9CIF	N8TR	305
WA2VYA	IZ2AMW		NQ1K	AJ6T
YO7LCB	IZ8FWN	310	R7NW	CU2AP
YS1RR	JA1GRM	HB9SLO	SP9JZU	DJ4XA
YU3AA	JA5IU	JF8QNF	UR5EDX	G5LP
	JA7JWF	JG3FEA	VA5DX	JA1IOA
	JA7QVI	JH7RXU	VU2NKS	JA1WSK

JA2NDQ JA7BWT JE6TSP K0JUH K3XA K9NW N9AU* PA5TT RA9CMO SM3NXS	HL2IFR JE8CLT K4MS ON6AA R5DT RK4FD W4QN W5VY WD4LBR	JG0CQK JJ1DWT K9SM KB8VAO N9FN NA5C UA9FAR VE3BW WA3AFS XE2CQ	RA3QK SM6BZV SV9COL UA6YW YO2RR	IW1QN JA2CXF JA3EOP JH0BQX K4JAF KD0PO N2LM N7IR PY2IQ S55DX WA4FFW
304 DJ9ON DK5AD HB9CEX JA9FAI JE1DXC JN1RQV K7WP K8GI N7US N9RS UY5AA	301 AC0A AE5E HB9BOI HP2AT JA0DIN JA1LSP JA1SVP JE1LFX JG8FWH K4SE LA5LJA MM0EAX RN3QN UN6T WB5JID	298 5B4AHJ DL7BA JA4ITW JA5BEN JA7MYQ JL2JVX JR7WFC K2PK K8EUR N4RWG ND0N PY2VA ZL1BYZ	295 DL1DUO EC3A IW0SAF JA1BPA JA1FQI JE2DZC JM1FHL K0BBC K1GG K4XD K5VIP K5ZK N7TY RM0F SM5FUG SP8HKT SV1GYG W5LT W6XK W7AL	292 DL5CW E72A EA5AT G8DX HB9BAT HL3GOB IZ0RVI IZ3ETU IZ8VYU JA3ENN K5DHY K7ZD N8II R6AF W4VIC W6SR
303 E72U EA3GHZ G3LZQ HB9DDO HL3IUA HL4CJG IK2RPE JK1EXO K6SIK K7ZA KB1JZU LA3WAA OE5BWN OH8LXT PY7DJ RL3FA RW4NN SM6CUK SP2BMX SP3IBS SP7HOV SP7ITB SV2AEL W0VX W1SKU WT8C	300 CT1FCX DL4CF EA1AF EI2GLB HB9CQK IW0HQE IZ5RVG JA2ATE JA9AA K8GG K8TL K8VFF PA3CSR VU2PTT W3OA W3RJW W6TC W9AJ WA9PIE	297 E73Y JA3RQ JE7JDL K3FRK K6ND K8WK KG7H KT1J W2GG W6YI W7ZJ	294 AI9L AJ9C EA6NB HA5VZ HA9PP IK0HFO IT9CVO JA1XPQ JA5SUD JE1GWO JH1BAM JR1DUP K7ZV KD0Q KZ4V N0KV RA1QD RU6L SV3DCX W3JX W9FR YO2CMI	291 4Z4DX EA6ET G0EHO HB9RYZ JJ1TKN K4ZO KP2A LA5HE N2TN N7RO PY2KP VE3CFK W7BEM W8TN ZL4TT
302 DJ5JH DL1TRK F5CQ G3SVD	299 4X6ZK DM2DXA EW2A HB9RG IK5RUN IZ4MJP JA1JAT JA7LGE	296 AA4R AA8OY AD6W CT1DOF EV1R GM0AXY IV3YYK JH4ALY JK1TCV K0KT K0TPP K3PA K6FW K8VC LA8PT LU4FPZ N0RB	293 DL1HRN DL1SMA EA3WD G4GIR	290 AA4A DS1JFY I4KDJ JA1KQX JA1QXC JF1NZW JH3GCN K1DG LA2QM

LU3CQ	W1VT	JA8CJY	280	IZ4DPV
PP1CZ	W4YCH	JG3SKK	CT1EAV	JA8EOT
RD3AW	WA6F	JH3KAI	JA3XNH	K2AJY
S57AT		JH3SIF	JA5FDJ	K8UT
SK3PY	286	OE2GEN	JA6TMU	N9RD
SV3AQR	AB5A	OH4UI	JH1HHC	ON4CAS
UN7LZ	CT3HF	SM0CCM	JN7DOS	SV1FJP
UN7TW	DL2VPO	SM6CTQ	JR6LLN	UW2ZM
W1EQ	IK0AGU	W2AY	JR7FRW	W1KSZ
W2LK	IZ8XQC	W4FQT	K0TT	W1YRC
WB9EEE	JA2FGL	W5ODD	K4WNW	W2PP
	JE3ENP	W8BBQ	N2JJ	W3BW
289	JH1BNC		PY2DS	W8RLS
DL9TJ	K1LPS	283	SM0NJO	
JA8EJO	K1RO	DF2GH	SM5CZK	276
JA9FPI	K5PS	JA1RTX	UT7UV	DK3WW
JA9IFF	N8SNM	JL1XMN	VK3HJ	HB9LCW
JG1WSC	UR5WA	K3WW	W8LGJ	IZ5BAM
JH4GJR	VE1JBC	LA0FA	ZS4TX	JA7FWR
K3UL	W3GQ	N6TA		JA7LMZ
KK0M	W6PJ	OE8SPW	279	LA9VFA
LA3MHA	W8AXI	OH1JP	AA6AA	N5MOA
R0FA	W9MJ	OH1ZK	HK1MW	ND4X
VE3EK	WN6W	ON5UE	HL4GAV	NK0S
W9YSX		W1LW	JA2XCR	OZ1LCG
WT4Q	285	W6BJH	JA8DNV	RX4HZ
	CU2DX		JE8TGI	SM5CLE
288	DL2SWN	282	JF2XGF	UN3G
CT3MD	EA3GHQ	K1DT	JH7BKN	W1ZT
JA2JRG	EA5KA	K5UO	JK1UNZ	W2OIB
LZ2JE	HL2WA	K8ROX	KF2DT	W5GO
N4LR	IK8VRH	PC3T	KQ4AV	
N5LZ	IZ8DFO	SM4CTI	VE3DZ	275
N6UK	JA0PE	UA0BA	W4UCK	AB4SF
UA3AGW	JA2IYJ	W4OX	WB2BIN	JE1BMJ
W1YIF	JA2VMU	WA3C	WO7R	JG1OGM
W2LE	JR8AMF	XE1KK	WS5W	JJ3CJP
W2NO	K1USA			K1CA
W3FOX	K6GXO	281	278	N6PSE
W8AV	K6PJ	AD5Q	9A4T	N7KA
ZS1A	KJ6P	BA4RF	EA8RR	OE3HWC
ZS2EZ	LA8HGA	CT1FPQ	EI9JF	PA7RA
	N8LJ	EA5OX	F2NH	WA0MHJ
287	OE1WHC	F3AT	JA8LRG	WA0RVK
9M6YBG	PE1L	I1FQH	K2UR	XE1MEX
AA8LL	W1OPD	IZ8FDH	N4HB	
AA8R	W9HBH	JA2FCZ	N9ISN	274
IV3GOW	WK7E	JH4HMG	SM4AZQ	7M4AOE
JA9NLE		JO4CFV	VE3CRG	EI6FR
JE2OVG	284	K0GD	W4MAY	EW1KP
JF2WGN	7K1PTT	N2WB	W8MHW	IW0HOU
K0AZ	DL6JZ	N5GH	WF2S	JA8ZO
K5RT	EI9FBB	OZ1IKY		JH1IAQ
N3VA	GM3PPE	SM5ENX	277	JM1GHT
N8PW	GM3YOR	W0LS	EU1KY	K3PT
R9SA	IZ3ENH	W8HC	F5PBM	K6UM
SM5ARL	JA0DET	W8KEN	F5UJK	K8DV

KA8SYV	271	SM6BGG	EA1KP	YB2DX
KA8ZPE	4X1RU	W0JM	F6DBX	261
KS3F	IK2DZN	W2FV	HB9DHG	7K1CPT
NA5DX	IZ8EJB	W9OO	IK4AU	DK3PZ
RA5BM	JH1OCC	WA1YTW	IZ0NRG	EA3EQT
SV9AHZ	JM1HJG	267	JA7HRM	IS0AFM
UA3ECJ	K2SN	DL4DW	JF2WXS	IZ8IEV
W3ACO	K3PU	HB9MFM	JR3UIC	JA3FHL
W7MEM	LA9GX	IV3VBM	JR4LNG	JH2PWY
273	N4UOZ	JA2QXP	K8RRT	K2FW
CT1BWU	NN4X	JA6QHQ	N1EN	K7LJ
DH2PC	UA3TT	JA7BEW	N1GC	KM1D
JA1KPH	W1MK	JA8UIV	PA7TWO	LA5SJA
JA2TBS	270	K5VWW	SV1CQN	N9UA
JA6BEE	AA4FL	K7XB	VE6AX	OM8FR
JA6GPR	BA4MY	K9FN	W5PF	SM7CQY
JM2RUV	DK8MCT	N7BT	W6TMD	WA5LFD
K4RG	EA1KY	SM5BMB	WV4TN	ZS6WB
KA1ERL	F6HLC	W6DR	263	260
KI5BLU	F9XL	W6RS	DK4TP	AA9A
LB2TB	IW7DVM	266	EA3CJ	EA8MT
N4IG	K0BJ	EI8IU	EA4DL	EA9IE
N4JQQ	K7UA	IK0UTM	HA7UW	EC1AIJ
N4QQ	K9JF	JA3BXF	JA7XBG	FG5FR
OZ1ACB	N6RV	K8AJS	K1KO	JA0KJE
OZ4VW	PU2POP	NU1B	K4KAY	JA2FBC
RW7M	SM7IUN	PZ5RA	K8FH	JA3VPA
VK3BDX	VE6LB	RA4CA	KN6KI	JH3FUK
W4HG	269	SV1HEP	N1RR	JH4ADK
W8QZA/QRP	HB9IQB	VE3YF	NA5Q	JJ2WOC
272	IK7FPV	W0FLS	NF1G	K1ESE
AF9H	IK8EPC	W7YAQ	W0GG	K8YSE
DS5ACV	JA1OVF	W8MET	W2XI	LY1G
I5OYY	JA1VLK	WB2GAI	WA4LOX	N1SV
IK5PWN	JA4VLK	WB3LHD	ZS6NJ	N6MZ
JF1LMB	JH3FHQ	265	262	NT5V
JH1OBS	JP1NWZ	4F2KWT	CU3EJ	SK7AX
K1UU	K2KA	G3UAS	I5REA	SP6A
K6IPM	K6EME	G3WPH	JA8BAR	TG9NX
K7EG	KR0P	JA1VRU	JK1VXE	WS9V
K8BL	NW7E	JA3WLN	K8AV	WV8DX
K9MBQ	OM4EX	JA4FM	LA6UL	259
KB1EFS	SM5FWW	JE2RDO	LA9FFA	CT3KN
KI4GE	W5DM	JH1ACA	N3RC	DJ8NT
N2DPF	YB1AR	JR1WCT	N8OC	DL9GTB
NV9L	268	K0DD	NK4L	EW1BA
OE5FIN	DL9FCY	K2CBI	NX0I	HL3DE
PA0ZH	HB9BUN	N5KM	W5ZG	JA8BNP
SV1ACK	JA1IAZ	N9JV	W6NWS	K2UFM
W2OO	JA1NWD	SP6JIU	W7LGG	NI3P
W3AP	K6BV	VE3SKX	W7QDM	PY5CC
WA1S	KD4W	264	W9PZT	SV1FKZ
WL7E	N2AJ	4Z1UF	WA3GFM	VK4CAG
	N5JB		WB8ART	W1KDA
			WQ6Q	

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258	HC1BI	K1EFI	249	W9JJB
CU3EQ	IV3TMM	K5FZ	AA9RR	246
DK7YY	JK1OPL	KB9DAK	AF5CC	GW4TSG
HI8R	K1FEV	N6PM	HL2CFY	I0JBL
HL3AMO	KR4F	OH7TV	IZ8GGF	IV3KFB
JA9AGN	N1RK	W2GW	JA8FFM	JK1WSH
KH2L	N5BO	W2TB	JH1APK	JR7GBL
SA0AQT	VR2XMT	W2ZI	JH8GEU	KB6CIO
US0YA	VU2CPL	W7CA	JJ1QUV	W1KMA
W1SSN	W2/CT1GIF	W9FI	K9NR	W3ICM
W5JAY	254	WA4CEM	KF7F	W5ZO
W9EWZ	BA7IO	WA4JQS	N0RN	245
ZL2IFB	CT1BWW	WV6E	N3KN	AC9EM
257	HB9EFK	251	OZ5NJ	AJ8MH
AF4HX	IZ5YHD	9A4W	SM4OLL	G3KMQ
DJ0UT	JH1VUO	DL2RTL	UN3GX	HB9JOE
EA1JO	JH2VVH	JA1DDZ	VE3YV	JA3QOS
EA7SG	K0GW	JA1EMQ	W0RX	JJ6DGP
EB3CW	K3SEW	JA1SKE	W6JZ	JL3OUW
HA5PT	KI1U	JA5BGA	W8IQ	K5IB
IK2PZC	LA5YJ	JE1VTZ	W9RC	KF7PG
JA6OXT	NE8P	JH1DGJ	WB8K	N0AH
JE1PNX	UA3O	K4VIG	XE2D	N2NW
K1SM	W7HPW	K8CW	XE2X	NZ3O
N1API	WB4KTF	KG9Z	248	OE3KLU
N6HC	253	KJ7TEA	AK5X	S55ZZ
PY2MC	AC9O	N4SC	DS5DNO	YB0NFL
RU1AB	FG4NO	N5UL	EA4DEI	244
SV1VS	HL2EIZ	NV4B	EI2HY	G4FKA
W3FI	JA6IVR	SM5FQQ	G3VPW	IK8UHA
W8MJ	JA8XQI	W2JLK	HB9DOT	JA1CZI
256	JE1HRC	W3ABT	HL2KV	Ji6IHG
BH4QYX	K6MKF	W4SK	JA1PBV	JN1NBU
DH0GSU	KE1F	W5GAI	JE2VLG	K0KG
EC1A	KM6HB	W8OP	JJ1SKG	K1YR
FG8OJ	N7XR	250	K3EA	KK1W
GU0SUP	NH6T/W4	6K5YIA	KF9UG	W0QQ
IK4HPU	UA0FO	EA1RT	N4QWZ	W4REX
JF2VAX	W6RW	HA7TM	N4XP	W5PJR
JH1RGG	W8GNM	HB9EBM	SV1IW	WA2USA
JJ1BMB	WF4U	JH3GFA	W8IW	WA3F
K4JJW	YB0COU	JH6PFY	247	WA8MCD
K6EID	252	JL1MWI	AA7G	WC3W
M0TTB	DL7UPN	JR0EQQ	CT1FUH	243
VK3NX	F1ICS	JR5JAQ	K1PL	DS5TOS
W6DE	G3KWK	K1KA	K3VAT	G4XRV
W8JRK	G3NKC	K9YC	KH6M	JA2EPW
WB7B	JA1BNW	K9ZM	N7DED	JE0ART
WV9L	JA4HAW	KQ3F	NA9RB	JS6TWW
255	JF3PNQ	N6KZ	OZ7FOC	K8ME
AI6Z	JF6XQJ	OH2IS	PY5IP	W1BR
EA5RD	JH4CBM	PA0JSE	S51NM	W4PNY
	JL1BYZ	PY2FN	W7IB	
		W7IU		

WX2U	UX5UO	236	K6ZZ	230
242	W0SZ	HB9DQV	KE5FXE	AH0U
EI9FVB	W8WEJ	HB9ZS	KX2A	G3LUW
HB9DVO	W9LN	IK2DUW	ND4V	JA5NPV
JA4ZA	239	JA1HOM	W3WST	JH7WQX
JH1ERJ	AG1A	JA1JYE	W9MO	J11VVB
JH1WJR	DJ9RR	JA3KNN	WA5UA	K2SY
JR1MLU	IZ1JMN	JN1NOP		K5CD
K3NQ	IZ2FOS	K1ACL	233	KC9K
K3WWT	JA6CBG	K2RU	AA9GR	N4TOL
K4PB	JA7KE	KM3J	AJ4A	NY1V
K7FEL	JA9NFO	KS4S	DS3HWS	W2KA
KJ7M	JE2UFF	N4GN	EA5AR	W8WVM
LU6ETB	K2XF	N6IE	JA3NHL	W9YE
N2NS	K8YYY	OE2BZL	JH1SOD	WB2NPY
N6HY	N8SHZ	PA0TCA	K8BN	
NF4A	WA6JA	W0HBH	K8EAB	229
PA3BWD		W2YR	KK9H	AA3LX
RC2A	238	W4GIW	N9BX	AE0P
SV8CKM	IK2GAJ	WA1PMA	NE3F	DL8SDC
	JA0LXP	WY6N	SM0XBI	JA2VHO
	JF0JYR	YB2TX	W2NRA	JA7QQQ
241	K9GA		W6YOO	K0HD
AB5C	K9OR	235	WB2KSK	K3FM
E21EIC	KA4RRU	EA5B	WD8PKF	K4CMS
G8AJM	M0CSD	EA7QW	WE4S	KD1F
JA6AVT	N4PJ	EU1U		KI4DLS
JH1UBK	N5ZC	JA0KJD	232	N4NW
JP1IOF	SV8DOU	JE1IBI	EW4C	N9JR
K1XV	VU2CDP	K0EOO	G3XLF	NE6I
K4KGG	VU2DCC	K0VSH	HL2ZN	UR5FEO
K7KB	W3MR	K4YJ	JH0OXS	W1WC
KV1E	W4KA	K5CWR	JH6DUL	YB1TJ
N4OA	W5LO	K8ZM	JR3VMJ	
N9SF	WA4QMQ	N2FF	K4ST	228
W5DNT	WB0TVY	N4IQ	K5FNQ	7J1ADJ
W5QM	ZL4AS	NA5Z	KB1DMX	AA0MZ
W8FIB		NJ7G	N3PS	F1RAF
WB8CQV	237	NW4M	N9PGG	F5LIW
XE1RBV	CT1BOY	TA1CM	NY2NY	G3SBP
	G0VXE	W2DXE	RQ3A	JA1OVD
240	HB9CXZ	W7YW	W6CYX	JE2KSM
G7SSE	JH1DGQ		W9ZCL	JF1RYU
IW3GJF	JR0QFA	234		JF1WLK
JA1DM*	K1RV	DF7EE	231	KE0A
JA2FSM	K2NV	DK2CC	AD5WB	KE4UW
JF2OZH	LB5WB	HB9BYQ	DK6OR	KE6V
K4QE	SM0MPV	HS1NGR	IK1IYU	KV4AA
K9JU	UN9L	IK0LNN	JA1MZL	RA3QUA
KE8UM	W6AER	JA2OLJ	JH0AWC	VR2CH
KF0LA	W8UN	JE2EBT	KD6UO	
KZ5DX	WA0ROI	JH5HDA	LZ2XF	227
N0ABA	WB8B	JK1BSM	N8HRZ	DF8FT
N4HID	WB8ZRL	JR4LZX	NA4EA	DL2RUM
PY2GG	YO3JF	K0VM	SM7NDX	HB9HIT
SM3LGO		K4JC	W4UDH	I0MWI
SP5LKJ		K4MF		JA0DWY

JK1SQI	WE1P	EA2AFV	218	W4IS
K0IL	YO9FNP	EA2AGV	DL2NOM	W6SL
K1GE		IZ1JLG	DL4NBE	WA6HBR
K2TER	224	J11NJC	G4VMX	ZL2AL
K5GH	JA8NFV	K1NJ	I7PXV	
N1NU	JH1OGT	K4CGY	K5ALQ	214
N6OJ	JO1LVZ	K4MV	KE3D	3A2MW
NA9Q	K1CBK	K5DV	N4JT	DJ3AS
SM7WVZ	N3RW	K5ZQ	TZ4AM	F4GVO
W4DEE	N7WO	KU4XO	W3BJ	HB9VAB
W5RF	RW4CY	RU0SN	WA2NPD	JA7DPC
W5SL	SM7BHH	W0BM		K0QQ
WA9GON	SP6AXW	WA0WWW	217	K2AZ
WC2K	V51B	WB0N	IK0CHU	LU4FW
	W7NN		JA2NNF	N9KW
226	W8LMG	220	JA7ZP	PY2RO
DM2RM	WB7BBQ	AA6RR	JG5RVQ	SP7ICE
I0OSI	WN6K	DL4LAM	JH8UQJ	W0KCJ
JH1IED	ZS2Y	EA5DFV	K1RH	W4WN
JQ1YIW		IT9ODQ	KK2M	WB6BFG
K2BA	223	JP1GUW	KU4BP	
K2HAT	AB4UF	K1DJ	N6QI	213
K2SD	AF2C	K1NTR	OZ0J	9A1AD
KK0DX	EA7DUD	K1TZQ	W0TM	AG3V
KK4OK	HB9HBZ	K4EU	YO3IPR	DK3UA
N2KX	I8MTQ	K4MIJ		IV3FFI
N2SQW	IK0WRB	K5MT	216	JA0LFV
N5ET	IK2RZP	K6MM	AC4VM	JA1FVS
N6BM	IZ8MBW	K7AWB	CX2CC	JE4RAL
N9AOL	JR0AMD	K9WX	DJ3XG	JG1JPE
NG7M	K0NV	KV4T	I1YDT	JG3RWX
VE7TK	K6IPV	KZ9DX	I5XFD	JR1EFG
W7HR	K9TF	ON4ATW	IT9AAI	KD4SN
W9DX	KI6CG	SM0DSF	K7LV	N6PEQ
WB0O	KW4V	UR4IOR	KK4OW	N8GP
	N4ENE		KR4W	NA2M*
225	WC4H	219	LB6KC	SM7GIB
DK5RL		AA8SW	NC4RB	VK3FM
DS4AOW	222	F5JSD	PS8ACL	W1LE
EU1M	AK5Q	HB9BNQ	W0SR	
JA0EVI	DJ9SO	HL5BMX	W5VQ	212
JA4CZM	DL5XL	IK5QPS	WB3D	G4ZOY
JF1MTV	E77S	JA1FJJ	WS1L	JA1BWA
JH8NQV	IZ7AUH	K5JZ		JA3LDH
K0OK	JM1VRW	KG6I	215	JJ2KDZ
K1JIU	K2AT	KI7AO	9H1EJ	JR2PZX
K3SF	KB5UNX	KR2Q	AA7XT	K3SX
K4JWA	KD2T	KR6C	DS4GKF	N4FN
K5YU	KS4YT	KX4TT	HB9IIO	SM5AOG
MU0FAL	KU8X	N1KC	IZ0BVU	VK5GR
N0ODK	RA4P	N6DX	JT1BV	W5DAW
NA2AA	VE7BV	W5GA	KF4NEF	WW2DX
W0FG	W5THT	W6GRV	KO6KD	WY1G
W5GZ	W5UQ	WA3I	N8NN	YL2TW
W5TFW		WW8W	RN9N	
W8UV	221		W0TT	211
W9KVR	EA2AAZ		W1JGS	JJ1JMZ

JJ1KZZ JO4JDU JR1JGA KT2C M0HIH N1BY VR2XLN W6UC W6WF WA9BZW	N7WS NW6S W1FA W5FPT WA6G ZS1J	JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI NN5E OH3OJ WA4MME XE1J*	W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH F4WDL IV3BSF JM1ESG K7PT KA1J KZ1W N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS YV5LI
210 AA4LR CU3AN JA7FAS JH6RTO KD8RQE N8BK ND3L NU1O PY2WC S54A W5WP W7FP W9IL WK8A YB0DJ	207 9K2BM DG5LAC JA7MAD JE3EDJ K6ZP KE1VT LA6OP M0IKW N9AKR NN9X NW7US OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	204 JA0CIU JF1KML JL1GYZ JM1SZY KB5HC KM9E N7ELL VU2IBI W4GP W7IV WB8BZK XE1L	201 GI4OWA IZ0GYP JA2MNB K0MFI K2CYS N4PYI OH2LHE PP7LL RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU EA5HM IV3AVQ K3DFL K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ WF8R WQ5R XE1H
209 JE1PHH K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JA6ENL JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ N7NF N8BJQ NJ1H W7IUO WA3WZR WI7P	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTV JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K8YE K9OW KA1DJ KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA K3NF KC6JAM KM4VI N1IA N4HN PY3VB VK6LC ZS1DX	196 AA4UC CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE NA9A SP3F SP5MXZ W3ML W5AAJ W6HYI WB5NHL
208 7N3IJT DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST KK8MM N2ZA N4SV N6ZN	205 AC9S DL6UNF GM0VRP IK3GBG	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD	199 AA3TH AC0X AD4AA DL5EBS HI3T JH0RVY JI1WLL JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR NC2Y ON6KE PB9FN V51YJ W9RXJ WB4YDL	195 CT1ELF K4KEW

KE4S	WQ5T	K3HW	IU0ICA	VU3CAU
KF9AF	XE1EE	K6UXO	JK7LXU	W2NY
N3XM	YB1TQL	KY5I	K0KP	W6SFK
NA6MG		N2MEE	K3PP	W7WZ
NN2D	191	N6NU	K9AQ	181
OH6NIO	AA4NC	RM3DA	KE5BR	EI3CTB
SQ7FPH	G4XEE	RN3CT	KQ4EE	IZ4AIB
VE3YXO	HA5CW	SM4BZH	OZ3SM	JA1SZN
W3SB	IT9IPQ	W4AEJ	UN7BK	KY6R
	JH1FNU	W5SUM	VA7ZT	N1HO
194	JK1AJX	W6DPD	W0QC	N6VS
A65BD	JP1LRT	YB4CHP	W2WG	N8AYY
EA1WH	K1RI		W6RKC	NM1G
EA5ZR	K8QKY	188	WV2I	NV4A
JK1DDG	KF2OG	AE4M		UA9AEU
K1LT	N4DWK	EA7AN	184	W6TK
KP3AH	N7MQ	JA0GCI	AD6ZJ	
KR8T	NK7C	JH7NTW	EA5RU	180
NJ3K	NO0B	JS6SCC	IK0HBN	A61BK
SP6EIY	OV5O	K2AX	K3JM	AA4AK
VU2LBW	OZ7DN	K2DC	N5FEE	DK1NAL
W4DC	VK2HV	N2ZZ	NW7M	JH1IZR
W5UHQ	W5IP	N7VPN	SM2EJE	K8SL
W7PAQ	W8UQ	OZ9XU	UT7KF	NA5S
WA1NXC	WF1H	PY2RN	W0MS	TF3JB
XE1R	WI8R	W0PE	W6BK	TF3VS
		WV4V	WB2HJV	VR2XYL
193	190	YO2DFA	WB3BFC	W4DSM
7L4VYK	AA4U		WB5STU	WA6EZV
AE4CW	DJ9KV	187	WX0Z	WC0W
DH3KM	EC7B	4X6KJ	YB1RUS	
I4UUL	F4DSE	AF6PK		183
IZ5MOQ	G3WW	IK8GJR	JA2KSP	DL5MHQ
JA0AXV	HL4CCM	K0KV	JA3UNA	IK1ZNM
JA1QIW	JA2ITK	KM4NS	JE4CIL	JA1BON
JA3PRM	JA3AVO	N6VNI	K6LRN	JA3EEM
K1JD	JH8KFE	UN7BY	LA7EIA	JH1XFR
KM1C	JI2UDK	W2CG	N4MIK	JK1JAS
LZ2ZG	K5RKS	W5BK	NA2U	JR3ADB
N3AIU	K5TN	W5ZE	YB2TS	K0PX
NU4B	K7UT	XE1YD		K4OY
PY8WW	K8ZT/QRP		182	K4WZ
SM5ELV	KD0AA	186	I5FLN	K9GWH
SP5IXS	N6MXU	JA7FVA	I8LWL	KB7AK
W8NN	OT1A	K1BZ	IU8IYE	KE5TD
WA9DU	SM0BYD	K5EWS	JA6SQR	KJ6NZ
WB6CJT	VA3OKG	K5QX	JI1CQA	KZ2R
	W2OR	K6EGF	K5DCW	N3KV
192	W9ROG	KC6X	K7LAZ	SP5ELW
F6FYD	WA8LRW	N5QS	KG4JSZ	W0UC
IZ7GIT	WB4GLI	W8RV	KL0S	W0ZS
K6XN		WA5IPS	KS0JD	W1HS
KJ4UZU	189	WB9W	LA5LT	W4CCS
KJ4YLO	I0LYO	WZ4RC	N8NA	W4TUN
N4XYZ	IV3KCB		N8NB	W5JMW
UR3EO	JA1SGU	185	NZ5O	W8QXR
VA2IG	JG1SWM	AD0K		

178 AA8KY EA8AXT G4DDL GM4KHE IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T N4ST N6DHZ OZ1HPS W7HUY WB6AXD	175 AG5CN EA6UE IW1PUR IZ0CKJ JE3PCP K1ROA K4WY KD4POJ KF6HI KN7D N7NG NS3L UA1OM UA9AGX YB1RKT	WY7FD 172 EI1DG G6MXL K5TA KM4HQE LZ1XL N3AO N5PA N6VH N7GCO SP5ES W1ASB YB4IR 171 AA5N AD3C CT2GZE DL5MM F9CI JJ1BDX JQ1PCX JS6QOM K2TV K4NTO KB0V KC5LK KP4DKE KW4J N8WRL ON6MX VU2MSA W0MU WA4DOU WA5KBH	NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL 169 DM3CW JA1KXT K8ZZU K9OT KI2D N4BAF N4MI N5MT N6MB RD3BD SV1IZY WA6QGH WB8EKG 168 A92IO AB4GE EW1P JA0PZJ JA1PVX JA4FKO JH1ORA JH3EQP K0PC K0RAR KF0RQ LU8ADX LX1CW OE1ALW R4FAN SV1XV VR2MY WA9IVH 167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ PT2ADM PY2SEX WA0SXV	WA5NFC 166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JN4FNZ JR6GHN K0FLY KN4FO KR4BD SP7QHR SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR 165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JR1KBJ JR6LDE K3VPZ KG4CUY KG5NP LA2XPA N1QY N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W4CIR WB2WPM WB9PNU WC4X 164 AC4BT CT3DL DL7JRD EI6IZ
177 4X6UU IW8CGX IZ2EWR JF1LZQ JG3KLF K2JL K2MK K3OX KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND	174 AG4Q DL5KUA HB9HVG JE4KCN JL6USD JR3TOE K1XE K5CR K7STO K9HQM K9UQN N7NW W5WI W6FL WA4BIM WA4NUF WB8QZM	170 AC0DQ DL2JIM EA3HDZ EI5KO EI6AL JA1GVT JG1GJH JG1RYQ JK1BIB K6JJ K7CU LA2GH LB7ZG N3WD N4VN N6EM N8VV NJ6W		
176 DL6NW F4FLF G4AYU JH8FIH JR1FHP K7CTV KK7YC KT8D KW9U LA4JGA N1JP NG9J OH3PYY VE1VOX W4LEW W9WO WA3GNW WD4IXD	173 AB6CF AI9U DM6MA HB9DVZ K6UNE K8JE KI6MQX LA9VBA N7HN N9ATF N9DR N9IO NA6O NC7B NX2X SM0EUI W2PD W4DTA W7VAS WA7BNG			

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KB7QFE	W8FN	N1MD	GM3WIL	WN7J
KD8MQY	161	N4GBK	HB9HHH	153
N2XQM	HB9GWJ	N4VG	IZ0FUW	HB9BEM
N7WI	HB9MXV	NE5S	JA1CCG	JA3UOQ
NA2P	HL3ERJ	NF7D	JA2ODB	JR7MAZ
PT7DX	JP7FSO	OH3DP	JA9RT	K0YL
S50B	K2HT	VA3NXM	JH2AJY	K3GO
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W9CSX	K4AR	WD5BJT	JM1LPN	K9MMS
163	KM4A	XE1MW	KA9OKH	K9UWY
4O3A	N7QT	158	N5QZ	K9YZ
AA4OC	N7VZ	9J2BS	N7RD	KF9LI
AD5MD	NA6XX	G4SGX	NK7Z	KK4XL
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EA1AZ	W5RDW	IW0ECV	155	N0VVV
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HA5BSW	W9GG	K4HQB	DK3QM	SP5NON
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K0CF	JF3VEC	KJ7NO	JA6SUJ	152
K4GN	JG2LGM	N0SL	K2DF	AC6BW
K4SAF	JK1EBA	N4XMX	K4EZY	AK9B
KE1B	JK1NPH	N6MM*	K4WM	BX5AA
KO4PRE	JM1JZN	N7JB	M0IFT	DF2WF
KW4MM	JR1CAD	N8TFD	N8IK	DU1KT
LA1CO	K7LY	W0JMP	NH6L	G4AFJ
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N4KM	N4MEC	WB2RAJ	NU1T	K2EK
N7KDT	N5WA	WB9ZNZ	OE1HHB	K4RDU
N9LEO	N8IL	WT2P	UT7EC	KB1HY
R3IS	NI5F	157	W5SV	KD2OV
SM7CZL	W1TO	AB2E	YB1AYO	KE9S
VA2LC	W9FF	E20YLM	154	N9GKE
W1OK	YO8CRU	EI2JD	AC8TO	ON4LG
W1XV	ZS6RJ	JA0NZR	AJ8B	R9JX
W4PGM	159	JA1UBZ	DS5WQT	W6RFF
W8MIL	AA3AZ	JA3MHA	HB9ARK	W7JET
WB9B	CT1ESO	JE3OUW	JA0GZZ	YV4DYJ
XE2YWH	DD0VE	JG1XBM	JA1IHD	151
YO3DDZ	DK8IZ	JH2NWP	JA4HXF	DF1IR
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4F1OZ	IK0WMJ	N4QM	JE6PJP	J68HZ
AB1J	JA0ED	N9AZZ	JH1AQN	JA2BUR
BH4IGO	JG1WNO	N9MB	JR3QHJ	JE1COB
DJ7JC	JH1BHW	NJ6K	K5DXR	J13BFC
DS3EXX	K0IO	NZ3M	KC1ERO	K1IG
HS8KAY	K1EDG	PY1NS	KJ2U	K1QN
JR4CZM		W3HKK	KL7NW	

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K4DET	N0STL	K8ARY	DB4RG	W6HDG
K7LAY	NE0U	K8POM	EI7JZ	WK9U
K9AAA	NU4Y	KB9AIT	FM5DN	140
KE4BKL	NZ0O	KM8AM	HB9AAA	AD9DX
KE8G	RT0F	N6FS	JA1MOD	EI6JK
KK4CLY	TF3Y	N6RK	JF2RSF	K0UBR
N7MB	UA9MC	N9MR*	K2OO	K3HPA
NU4I	W1DAR	NJ1Q	K6LPO	K4AU
SM0NUE	W4DWS	SM3DXC	K9BQL	K5GZR
VA3EJN	W4MA	TF4M	KE4FW	K6EV
VA3HP	WA1EHK	VE3NKS	KG6D	K6GCN
W3HER	WF7T	WA2MUA	KJ4R	K7VC
W5WLA	148	WA3SKQ	KN7K	K7YMG
W6WA	4F3BZ	WW8RT	LB2TG	LA8PDA
WA9JWL	A71AM	WY9V	N2YBB	LZ2HM
WC2C	AE0MO	XE2B	N4UP	N2TC
150	Ai6P	YB1BML	N7ZA	N7TW
DK3BK	F5NNN	ZS6UT	TG9AJR	NR0Q
DK3FB	IW5EIJ	145	W4JVN	NS0D
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EI5GM	JR3PKO	AA5TL	W7VS	W5VU
IT9ABN	K5LY	AC7JM	WY0V	W9BS
IW7EDZ	KA3GWD	AL7TC	142	WB1ASL
IZ2MHT	KB8ZUN	DL1MEV	AA4DD	WW6G
JA7GZM	LZ1MDU	EA4S	JA1PUK	YB3MM
JR7XOD	VE6TL	EA7LS	Ji1UHZ	139
K5HK	W4AFB	F1OBJ	K2CJ	F5VML
K8WHA	W4AG	JH1CTV	K3GT	F6FHZ
K9RT	W8VI	JJ1OKK	K9UO	HB9DTE
KI7M	W9GM	K5FXB	KA6BIM	HL4CBX
KX5U	W9MAK	KQ5M	KO4DKI	K0QB
N0TK	147	KS0M	KV7N	K2IRM
N6JOJ	AB9KZ	N6KK	LA1J	K2WJ
NM4SH	EI7GY	NS4X	W8WV	K9TRV
NZ6N	G3VQO	W3DQS	141	KX4I
ON6ZV	I4JEE	W7NP	7K3QPL	N0CKC
SM0BSO	IS0/YO3RA	WR7Q	9H1AE	N2SG
VU2NXM	JJ0LZQ	144	EA1T	N5RN
W3KB	JK1OTP	AD0TR	EI3ISB	N7UJJ
W4IDX	K3GGN	DL6DCD	HB9EXQ	PY2OP
W4NE	K5UZ	GM0VIT	IZ3XEF	R9MJ
WL7OU	K8MRT	K1TKL	K2JK	TA1PB*
ZS1C	KB9LIE	K7QBO	K4RM	ZL3TE
149	SV8RX	K8OS	K5VG	138
7N2JZT	VE3FAC	N5UE	K8RCT	AC5AA
DS4DRE	W3NRJ	RN0C	K9AAN	DL5KUT
ER0FEO	WB8TGY	TF5B	KA5SYP	DL5ZB
JA0JPD	146	UY2UZ	KA5VFU	G0FWX
K2KIB	AE5B	W0AIH*	KE7BMG	JA0CVC
K2RET	DM5JBN	WX2CX	N5JED	JA1VRY
K4TXJ	EA4D	WX3P	SV2JU	K2YSY
K9EXY	HP3TA	143	W1ITU	K6CW
KD4EE	JA3KWZ	AA4MM	W1NA	K9BO
KM2E			W3IZ	

KC9G	W7SX	W4UAT	W4MC	VK5CE
KF6A	WX2K	XE2AD	W5FL	W4BH
KU9S			WA1HXX	W7TG
N0LD	135	133	WA1KXV	WU7X
N3PV	AA5H	7J1ABD	ZS1EL	XE1ILI
N9BVA	AB4FH	DG1SGW		
OD5YA	DL6WM	DL8OH	131	128
OE6BME	GM5YTT	G4NBS	EA3NG	A71XX
PV8ABC	HZ1GW	GM1BSG	JH1IYY	EA1AHA
V31CQ	JA1DCK	HB0WR	JK8VMB	EI3IO
VE3MSC	JA3MIO	HK4EB	JM1CMA	F4GTB
W0UHL	JA7MWC	JA5IBP	K0ARM	HL2DBP
W4EJG	JJ1HLL	JM1JIV	K7GA	JA6NQT
WA1LAD	JL2ULM	K6ME	KA5IAU	JH1AWJ
WA5POK	K3WGR	KC2STA	KB3IFH	JH4GXE
	K4OP	KG6WIK	KD2NF	K6OJ
137	KC3RKW	KI4TZ	N0AKC	K7PTC
DL2RD	KC9WPS	KR4DA	NG4DX	K9YKL
G3PSM	NX8Y	LA9KY	NN6K	KC2WUF
HL1MKT	S53MJ	N1BKB	W2FDM	KD5R
JH1SBE	W3UNX	N5EI	W5EC	KG2U
K2CDJ	W5IO	OH4KRN		KK7BR
K2RKJ	W7QHE	OH7HM	130	LU6XQB
K6IRA	WA7HR	VU2ABS	AA4QE	N0JR
KP4N	WB1DX	W1GY	DL1SWN	R3BB
N9NFT	WB3AVD	W3MF	JA2LMY	TF3MH
NI4Y	WB6FWS	W6OUL	JH3PRR	UR9IDX
OE3JAG	WB9IWN	W9SE	JL4BSE	W0QD
PY3OG	WO5I	WA6MRK	K2MHE	W5MF
SM5CSS	134	WB1S	KI0HA	W6IS
SP3EPG	AB0RX	YO3GJC	KN4JX	W8BI
TA1AL	DL4ZAB		N2YF	W9EBO
W2GGY	EA6AZ	132	N7TM	W9TO
W4UEF	IZ8DEO	AA4FU	NS4F	WA4UWD
W9MR	JA5SEY	AK3E	OZ6TL	WC4V
WA0WOF	JA6GXP	AK6I	PU4MMZ	WP4CQ
WA5YOM	JR0GXA	I8NLC	W1MO	WQ1H
WG0G	JR1HYA	IK8OZV	W9CTJ	YB0AZ
WS1F	K3KY	IZ0COI	WB8RFB	ZS6AKU
YB2IQ	K7FL	JA9KRO	YO8PS	
	K7RAN	JF2OHQ		127
136	K7YZO	K4BNF	129	7Z1HL
AC9GK	K9JDP	K5SES	AD6KQ	AG4TO
G0OSK	K9SUH	KD3UY	AE7U	DJ5DT
IS0EBO	KA9JCP	KG8OU	DS4EJA	EA4TX
IZ0FYW	KD2SC	KI7HO	DS4OMS	HB9TJG
KB8KIM	KF5WCP	KK5ID	JA0AVS	HK6K
N5JEY	KN4OK	M3DFW	JA1PLT	I2YPY
NT5EE	LB5GI	N3TR	JA2ACI	JA0BES
NT9F	N1AH	N4EDT	JA3WMS	JE2VYM
ON5GF	N6XT	N4QOG	JH1RFM	JG1LRE
ON5RKN	NC6RJ	NN3V	JN1SUT	JG5DHX
VE3FRR	PA0QRB	ON6YH	K7ORK	JH1HRJ
W0ANZ	SM3WMU	SM7DXQ	KB4KBS	JI1MNT
W4GH	SP2LLP	UW7UA	KN4WOJ	JJ2VLY
W4PV	W2KNG	VU3WEW	N9AVC	JR1LZK
W7KKC		W3KHZ	SM2YIP	K2GW

K7LFY	K0MD	IK0XKP	IK6BMU	N2SO
KF3N	K5NOF	IZ8LMA	JA1CPN	N3DV
KS8W	K9ARZ	JA1GLE	JA1EYN	N3GS
LA2LI	KD0KZE	JA2HOL	JA1WTO	N4UFP
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N0DL	NA7RH	JL3RNZ	JI5WDC	NR2D
N1BZ	NN6CH	K2JGL	K1LTJ	VE3QAA
N3GTG	SM5AFU	KC2THY	K3CWF	VR2ZXP
NA1RL	W0XE	KG4OJT	K9MQ	VU3RGB
ON5EQ	W3ATV	LA2XNA	KK4ODQ	W1RG
VE3EDY	W4AO	LX2SM	KU2A	W5RYA
VU2TMP	W5CWQ	N1GFV	N3ER	W6GJB
W0MF	W6PG	N6DVR	N5ZY	WT5L
W3KN	WA4TMJ	N9RE	NA2R	
WA2BOT	WM4AA	OH3TY	NA4MM	119
WB2KSP	WR2G	PY2ADR	NY4G	DL2VWR
WB9TFH		SV7CUD	OZ6EI	F5BAR
WC2L	124	VE3VHH	PP2FN	HL2MHU
	7L3SQL	W2ARP	TA1L	JA6JYM
126	DJ3EJ	W2WGK	TA7AZC	K7LOL
AB9BH	EC4KW	W4UT	UA0FDX	LU9DO
CU7AJ	EI8IQ	YB9WZJ	UR5FLN	N5SIX
DS3EXT	G4RGK		W3/NH7C	N8LCU
EI4HH	IT9YOZ	122	W3JXP	ON8PHD
IK4TVP	IZ1UKF	AA0BH	W4CC	SV1BYI
IU8GNY	IZ5BYJ	AA5B	W4KCM	SV2KF
JA5CDL	JA3AOP	AB5YI	W7PC	VK7AP
JA5XPD	JI1DMH	G0HSA	W9MB	W1ZK
K2GLS	K3SUI	HC1HN	WA7HQD	W3MRL
K5KDX	K6VVK	IU4BJC	WQ8T	W6ZPL
K5WRE	K7HC	JA9ALR	WT3Q	W8EOG
K7PO	KB8DID	K0HQW	WU9D	ZL2AO
K8GT	KC2NJ	K1AJ		
K9QA	KC4AA	K3DQB	120	118
KC5RR	KD9ZR	K4VAC	AA2T	6K5AQY
KK4CB	KE8NOA	K7BWC	AC4TO	AE1T
KM4CQG	KK4TKJ	K9KJ	AE5LK	AJ6X
KS4WA	KV8P	KB4ET	AI2S	DJ9KM
N1GNB	N0YO	KN9N	CT7ABD	IZ0RPS
N5HC	N4LSJ	N1ZZ	CU2CE	IZ1JIZ
N8YQX	N5VBK	N4GRC	DS3DNT	JA1CCH
N9XG	NT4K	N6DW	DS5QLJ	JA2KPW
VE3TMG	W0DD	N9ATD	F5AQB	JA6CMQ
VK2DAG	W6ELI	UT9LC	IK8IPL	K5KEW
VR2VGM	W6ND	W1ES	IT9JPS	K9KJS
W7FI	W8PAT	W1HEO	JA1DCO	KA9JAC
W9COS	WW5L	W1KKG	JH5OTE	KB3KJ
XE3E	ZL3REX	W5HNC	JJ1XVA	KD9BIE
	ZS6NK	W6HB	K3QB	KG5VK
125		WF5I	K5TU	KM6WXB
AC4XO	123	XE2MX	K9CHP	KX6C
AF8C	AB4BJ		KJ6Y	KY6AA
EI8GS	AE5FM	121	KM5VI	LZ1XZ
G4EHT	AI5EG	5H8HZ	LU3XX	N3HYB
IK8PGE	DJ6OZ	AK0A	N0TR	N8KUS
IZ8EYN	DS4DBF	DL7UGO	N0UCR	NA9L
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WA7ZXD	OE6CLD	NK5K	IS0BQE	AC0B
WA8RCK	RW6MBC	W0QKL	JA4RED	AG5Z
WB5TOI	SM1NJC	W2ZK	JF3AHI	CT7ANG
ZS2I	VR2IL	W8LR	JH0LME	DK4MX
117	VY2RU	WD0AJG	K0XM	EA1BLA
AD7L	W0LGQ	WN0L	K4HEB	EI9HX
CE3FZ	W1HQ	WT9U	K4ZMV	G4VWI
DL9QJ	W7WES	YB2BNN	K4ZRJ	HB9BEP
F8EZE	W9JJ	ZS4JAN	K8CJY	HG6IA
HB9MZI	W9LU	113	K9KDS	IZ1EPM
IS0BZR	WA4VJK	AB1NS	KH6P	JF3KOA
IZ7QFN	WW5RC	DL2DCX	N0OK	JH1FRW
JA8WGX	115	EA5DPL	N8AID	JR2PAU
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JM3GXU	AF7WM	F5EOT	NZ7Q	K3WSU
K0FF	E74A	F8GB	S51DV	K4KAL
K4AEH	HL4RBR	G0UII	W1USN	K4RP
K9LCR	IW2FLB	G4NAQ	W3WN	K6DJ
KA4AHU	JA0NPQ	G4YCS	W4LLP	K6SLO
KB2S	JA2KGQ	HB9GZE	W5GCX	K9TVG
KB5CSQ	JA3KKE	JA2CPD	WD8LTM	KF8PD
KO4PY	JH8LEY	JA4CSJ	WF4W	KN6HIP
KP4ED	K8CR	JF1AZQ	WJ1B	KV3W
KZ1X	KB4CRT	JG0HEW	WN1M	N1TQ
M0NGN	KB7V	JH1GNU	ZL3PAH	N3YZ
N1SZ	KG4URP	K1JKR	111	TF8GX
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VE7NY	N7PIB	K4JDJ	AJ6V	W5JE
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W4ARK	NG0G	K4TR	EI4GNB	W7YED
W4PG	NW6V	K7MO	EI9CN	W8TE
WB9WHQ	OE5MPL	K9DUR	F8DZY	W9GFB
YO6HOY	SP5BMU	KA5OWI	G4ZWY	YB1SKR
116	W4OV	KB1OIQ	HB9ECS	YO5QAW
6K2ILX	W5WS	KB2TGU	JA4DLF	ZS5LEE
AA0FT	WB4MM	KC0V	JA5EEU	109
EA5GXI	WJ5K	LU3JVO	JE1TNL	AA4RX
EI4BZ	WS4H	S52R	K2KYH	AC8AZ
G8GHD	114	SV2DSJ	K5NV*	AF3K
IZ2CSX	AC0W	VA3AYA	K8ZEE	F5DBT
JA5GOJ	G3CWW	VK7ZE	K9JIG	F8DHE
JT1CO	HC1HC	W1FC	KI2Y	G0MMI
JT1DN	I0BJV	W3JM	N4NYY	JA1IAW
K1EO	JA1CPU	W6BBS	NT5O	JA1QEY
K4GHS	JA8EIA	W7CD	PT7CB	JA9IWR
K4LCP	JG4OOU	WB2UFF	PV8AJ	JH4GNE
K8JRK	JM3XZC	WB9YJE	TA1UT	J11ZS
K8MN	JR4DHK	112	TA2RC	K0FD
KC1RET	K1RE	3C3CA	VA6SZ	K4AEN
KD5RBU	K3PL	7Z1CQ	W7WT	K6JAD
KQ5S	KB1W	DL5FAC	W8PE	KB3Z
N0ATQ	KI8AE	G0DTX	WB2AA	KB7DT
N2ZL	N3DD	G3YFE	WB8PKK	M0AQM
N3CAL	NA1DX	GM0SCA	WU4B	N4LS
			XE1ZTW	N4WD

N6RVI	W7SMW	DS2GOO	GM1TBW	K2CQW
NN8L	WB5ZAM	DS5MNO	HL4GHT	K4WW
NS7K	WC4B	EA3AGY	JA1JYS	K5JUC
NW6R		EW4DX	JE6UWU	K7UW
NX1P	107	F5VIF	JJ2BLV	K8WVA
PF7M	AB7RW	F6JSZ	JK1AIA	KE4YOG
PV8DX	BG8PA	G0OJG	JK1AKA	KE9V
SP7ASZ	DJ5FZ	G0RPM	K0MB	N1FOJ
T88UW	DK2GP	G3LPS	K1ETA	N3PW
TF1A	E73D	HI7SB	K5WE	N4PAJ
VU3WUA	EA2BFM	IZ4IRO	K7CMZ	N4ZR
W3GP	EI5GSB	JA3FRI	K8FB	N8TEM
W4JDS	G4FVZ	JA7HYE	KJ8N	N8WXQ
W5SG	IC8XIL	JF7NNI	KK4MA	NA8W
W7CB	IW1PVT	JJ1IRS	KZ4EX	OM6CI
W7VP	IZ1XBB	K6VWE	LA9JKA	OZ9U
WA6URY	JA3MAT	KA1CTL	LZ1JZ	PY2YW
	JE1CTA	KA9TOX	N2YU	R6TY
108	K0FJ	KD2RUY	N9APK	RV4LC
7M4CLF	K2FJ	KI4NSP	N9IXD	VE3ZN
AC8MR	K2ZD	KM8V	NC1M	VK3MB
AC9DX	K4LQ	KT5V	NK7L	W0VU
DB9CR	K6DLB	M0PCB	OH6IH	W5PD
DL1TPY	K7UWR	N4DJT	PV8RR	W9GXR
DL2AMD	KA4LBD	N6BDX	VU2DED	WB4HMA
DL2NAI	KB0EL	N6UOZ	W1MRH	WB7QXU
DM5TI	KF2G	N7MW	W1PY	WF8Z
DU1IVT	KF6XA	N8OYY	WB8LEM	WX0B
E70X	KI0KN	N9ZJ	WD4OHD	YB1BUL
EA5XV	KJ4FZ	NG4C	WK3A	YO6HSU
G5CL	KR4U	NI7F	WZ9B	ZS6HON
IK1RKN	LU5OM	PT2DF	YU1LD	
JA2DCN	N0MHL	PY2OC	YV4EH	103
JH1OVY	N1UZ	UA0ABB	ZS1IS	AF8P
JR4NUN	NC7M	VE3BHZ		DS5JMG
K1FUG	NI8Z	VE3XK	104	EA2RY
K3XO	OV2B	VU2MB	7N4OBV	EI9GLB
K8LBT	PP5VA	W0TLX	AA2WC	FM4LV
KC8YG	RM6LW	W4/KL7GLL	AA6XV	GI3SG
KE3ZT	SV3EXP	W6KF	AB5GU	HB0RER
KE7AUB	TA1CQ	W7GB	CT3DZ	JF1KIG
KI4SFT	UX5XK	WA3IIA	DD8BA	JI1FXS
KJ2AM	V31MD	WA8Y	EA4EJP	JP1KHY
KJ4SKO	VA2GA	WV4E	EI3HA	K0LU
KO4XI	W5HY	ZL3RIK	F6ARS	K0OOK
KW1X	W8JA		G0DRM	K1FBI
LU2AH	WB2BXO	105	GW0ANA	K2RNY
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N5TW	WU1U	DL9GTK	JA1DHY	K4PWS
N7TP	ZP6CW	E29TGW	JA1RBY	K4SAW
NJ2X		EA4E	JH1MYJ	K6XJ
TA1HZ	106	EI6GF	JH1MYJ	K7HV
VE7VV	AB6WQ	EI8JB	JQ2MPJ	K9WMS
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W6CN	AC8IL	G3LOJ	K1TWF	KP4DDY

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N1MIE	WB7QBS	TG9AKH	JR4VEV	NE3K
N8URE	WD6T	UA4PK	K0FTC	NX6D
N8XS	WD9IOK	VK4BUI	K0JDD	OM2AGN
NB3R	WN9A	VU2OT	K1HC	OR4K
NI5G	XE1SAX	W0ZX	K1JX	OZ1GCT
RX3BP	YB0EIN	W2FDJ	K1PTF	OZ9GA
VE7XT	YB9AY	W2GHD	K1XO	PY5VC
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W0RSJ	ZS2ACP	W3RMS	K2UT	UR8IDX
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WC9C	C31MF	WX7B	K4TMG	W0RMS
YB1ALL	DD9WG	XE1AO	K5LLA	W1MJC
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	EA4OR	YO2OXD	K5PSN	W4CG
102	EA4UV		K5VSD	W4DFU
4X1VF	EA8TZ	100	K5YE	W4YR
5W1SA	G3VDB	2E0XAR	K7VL	W5YKU
AC0XY	G4GEE	9M8DEN	K9EA	W6OZI
DB2WD	G4PUQ	A41ZZ	KA2F	W9KM
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IC8SQS	HB9PUE	AA7UN	KB4DSL	WA1W
IZ7QSS	IK2HLM	AC0DH	KB6IGK	WA2ALY
JH1IHG	IU2LFP	AD4J	KC5N	WA2VJL
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K2DH	JA5ALE	AE4VJ	KE1IU	WA3YZD
K2DW	JA5JUG	AF9W	KF5MDZ	WA6VZN
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K4KZM	K0GEO	AK4AO	KF9EX	WB2ZEX
K6BLG	K3AXB	DB6VH	KG4IYS	WB6RAB
K6JAV	K3LA	DC1TK	KI0G	WB6RJH
KA8HDE	K5HX	DK1MCS	KI3O	WD1M
KB1AWM	K8PGJ	DK7GH	KI4PG	WD4GZW
KG5POL	K9GL	DL3ANK	KK6MF	WI0E
KO3F	KB5YN	DL5JH	KL2R	WK7W
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N2FY	KC4ZA	EA5PS	KR4Q	WM9Q
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NA4D	KU4A	EI4GJB	N0JX	YE1AR
NN5O	LA3ANA	EW4A	N0KM	ZS6CR
R9GM	M0PTZ	F5JWH	N0VTZ	
S51MA	M5LRO	G0GFC	N1KI	
SM0XG	N4PF	G8GFF	N3NVA	
US8ZAL	N8ERL	GW0KRL	N4GOA	
VK2GR	NC8I	HB9HFM	N5CR	
W1GF	NZ1I	IK7NXU	N5LJL	
W4GHW	OZ5JQ	JA7PKV	N5LKE	
W7FS	PA3AIN	JE7KCI	N7WFK	
W7HJ	R2ARR	JG3LDD	N7WR	
W7IMU	RZ6MJ	JG5VFK	N8HM	