

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 01 May 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 SP5EWY	KF2O N6AR	W7UT	W0MHK W1YY WD5COV WK3N	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
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 K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK	
346 N1DG SM3EVR W9ZR	340 EA8AK JA4DND K4UTE SP5CJQ	336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN		
345 HA0DU JA2VPO OH1XX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM WB9Z	331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W5OZI W8UVZ WB6RSE
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
343 DF3CB K3FN K4MQG VA3DX W3UR				
342 JR2KDN K4DY K5UR				

330	PY5EG	JF7XKY	W8OI	DM5EE
AA1ON	RU3FM	JH8RZJ		FK8CP
DJ2YA	SL0ZG	JS2LHI	322	I2EOW
DL1AMQ	W1ECT	K9EU	CT1BH	JA3PIS
EA7TV	W2IRT	OE2LCM	EA2IA	K1LD
EI7BA	W4UM	ON4IQ	F5PAC	K4EM
F6BKI	W5FKX	R5AJ	IK4GME	N4II
HB9AMO		SM4EMO	IK8YTA	SP7VC
I4MKN	327	SM6CCO	JA4FKX	UY5ZZ
IK4BHO	AB4IQ	SM6CMU	JJ2LPV	VE3EXY
IK6DLK	CT1APE	SP1S	K2UO	W3KX
JA1ADN	CT1IUA	SV8CS	K6FG	W6XA
JA3EMU	DK5WL	W1RM	K7NN	WP4U
K3WC	DL2OE	W6RLL	KA9CFD	YV1DIG
K4CN	EA1YO	W9OP	KU0A	
K4ZYU	EA5BM		N4DW	319
K9CT	I4EWH	324	N4NX	DJ4AX
KD5M	JE2LUN	DK9KX	OH1LEU	DK1FW
N4JF	JH1TWT	DL5DSM	ON4CD	EA8AKN
N8JV	JJ2KXK	G0DQS	PA3EWP	IK4DRR
N9IW	JJ8DGO	G4CCZ	R7DX	JJ1DHY
NR1R	K0DEQ	I0WDX	SM5KNV	JR7VHZ
OK1MP*	KW9A	IK5PWQ	UA4CC	K5MC
RA3CQ	N6JV	JA2BDR	VE1DX	K6AM
VE3FF	PY2YP	JA2DPC	W5CIA	N4DB
YO5BRZ	RZ3AM	JH0INP	W5TCX	ON4AOI
YU1FW	SM2GCQ	JR3GWZ	WI8A	UA3AP
	SM5CZQ	JR3OEH		W5WT
329	SP6M	K5KC	321	318
GM3POI	SP9DWT	N1NK	AA4V	A45XR
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IV3JVJ	W3NO	NK1K	G3TXF	AA8CH
JA2JW		OE8HIK	HB9BIN	DL6KR
JA7KY	326	R3OK	IK2YCW	G4PWA
JA7MSQ	EA5BY	VE2TZT	JA0GJJ	HB0CC
JH1GZE	JA9APS	W3LL	JA1XEC	JA2JNA
K0EU	JF1WPB	W9OL	JA3AZD	JH4JNG
K1HTV	K5EK	WB4TDH	JH1IFS	K2TE
N5AW	K8PT		JH3CUL	K4IQJ
NI0G	LU2NI	323	JH3VNC	K5BG
NO8D	N3NT	AD5A	JH4ADV	K5DU
OZ1CTK	N7RT	EA3GP	K2VV	KX4R
R4GM	OZ1AXG	GM0GAV	KV7K	LA2PA
SP6CIK	SP5DIR	JF1KKV	LA7HJA	PY5EW
SP7GAQ	W8DCH	JH2FXK	N4PQX	R3VA
SP8NR	YO9HP	JJ3PRT	N5XZ	RA7A
W5XX		JR2LJO	OE6MDF	RW3RN
WA1JMP	325	K9IR	OE8RT	VE3LYC
	EU7A	K9YY	SM6DHU	YO3APJ
328	HB9DHK	KF0QR	SV1FJA	
AA5AU	I5NPH	N5TY	UT7UJ	317
DL7MAE	IZ0AEG	N8RR	W4FC	AB9V
IZ5EKV	JA2FJP	NY0V	W8GC	DK2NG
JA1SJV	JA5WIZ	OH2BLD		HB9HFN
JA6BZI	JE1SYN	SM6DHF	320	JA2IVK
JJ4POR	JF1PUW	UA3AB	CT4NH	JO7WXN
K4QL	JF3KON	W7AO	DF2RG	

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K6YUI	DL6CNG	K1HT	SM2OAN	JE2LPC
K9MM	EA6VQ	LA7JO	UA4LY	K5WAF
KE9L	G3NDC	N1IBM	W2JU	KD3CQ
N2BJ	HA1RB	N5ORT		N4TL
N4QS	IZ8FFA	RU3QR	308	OE5RLM
NE1B	JA2AH	SV1CNS	DL2CHN	R8TX
OE1WEU	JA2ZL	W7CT	HK4SAN	R9FM
SP1MGM	JA5XAE	W8HW	IU7QBB	UN7JX
UX1UA	JR4OZR	WB8BPU	JA1IZZ	US5WE
W6VX	JR9LKE		JA2WYN	W5ADD
WX4G	K2LS	311	JA7IC	
	K5AQ	CT1FMX	JA9TWN	305
316	KB0EO	IK0PEA	JG4AKL	DJ4XA
DJ5FI	KC9ARR	IZ2AMW	JH1SJN	JA1IOA
DL5WW	LA7AFA	JA2XYO	JL1RUC	JA2VQF
G0OIL	MD0CCE	JA4MRL	K0GY	JA7BWT
IK2QPR	OE1AZS	JR6FC	K0KVR	JA9GPG
JA8EAT	OE1ZL	KM4H	K2UU	JE6TSP
K3WA	SM4DDE	OZ4O	K8OM	JH7RXU
K4HB	SV1DPI	PY2XU	KI0KB	JR2UBS
K8YTO	SV1JG	SV2DGH	KN5O	K0JUH
KG8P	UA6MF	UR0MC	KS1J	KG4W
KQ8M	UT9FJ	WB9CIF	N8TR	N9AU*
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RV3LO	YU3AA		R7NW	PA5TT
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UA3DPM	313	JA0CRI	VA5DX	SM3NXS
W1GL	5B4MF	JF8QNF	VU2NKS	UT2UB
W7MO	CT1GFK	K0KX	W2QO	W1YM
W9ILY	I3BUI	K5XI	W6ENZ	W5AJ
WA2VYA	JA1GRM	K6RO	W9MU	W5XC
YB5QZ	JA5IU	K8AC	WA8WV	YB1UUN
YO7LCB	JA6VQA	K8FL	YS1RR	
	JA7JWF	LA9AJA		304
315	JF2UPM	NS6C	307	DJ9ON
9H1SP	JG3LGD	RA0FF	A65BR	DK5AD
AA5AT	JH1NYM	RL9F	DK2JX	HB9CEX
AB3CV	JR1BLX	SP6HEQ	F2JD	JA2NDQ
AB6QM	JS3CTQ	W0YG	G0BLB	K8GI
G3VKW	K4SO	W4BP	I5HOR	KC7V
HK3W	K6KLY	WB0TEV	JA2XW	N7US
JA1ANR	LB8DC	WD9DZV	JA3GN	N9RS
JA8RJE	N8KOL	ZS1LS	JA6WJL	UY5AA
JA9CWJ	NN4R		JJ3HGJ	WE9R
JN3SAC	SP3CGK	309	K2SHZ	ZL3JT
JR2BJE	W9RN	AA5AM	K3RA	
K1BD	WA7NB	HB9SLO	K9RX	303
K8NVR	ZS6EZ	JA1EOD	NI6T	E72U
N5OK		JA1VSL	W7DO	EA3GHZ
OE3EVA	312	K1AR	W7OM	G3LZQ
ON4IZ	F3SG	K8QM	WA5VGI	HB9TKS
PY2NQ	JA1SYY	K9ZO		HL3IUA
SM3VAC	JA1XCZ	NN4SS	306	HL4CJG
	JA7QVI	NU8Z	DL1KUR	IK2RPE
314	JH1AGU	R9TO	DL5EBE	IK4ADE
AC4G	JH1QAX	RU3DX	HB9DDZ	JK1EXO

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K7ZA	K8GG	AA8OY	N0KV	VE3CFK
K9MK	K8TL	CT1DOF	OE5BWN	W7BEM
K9US	K8VFX	EV1R	RU6L	W8TN
KB1JZU	MM0EAX	GM0AXY	SV3DCX	W9FR
LA3WAA	PA3CSR	JA1JAT	W3JX	ZL4TT
RL3FA	UR5EDX	JA7LGE		ZS2DL
RW4NN	W3OA	K6FW	293	
SM6CUK	W5VY	K8VC	DL1HRN	290
SP2BMX	W6TC	LA8PT	DL1SMA	AA4A
SP3IBS	W9AJ	N0RB	EA3WD	EC3A
SP7HOV		RA3QK	IV3YYK	I4KDJ
SP7ITB	299	SM6BZV	JA2CXF	JA1KQX
W1SKU	DM2DXA	SV9COL	JK1TCV	JA1QXC
WT8C	EW2A	UA6YW	K4JAF	JE2DZC
	G3SVD	W3RJW	KD0Q	JE2EHP
302	HB9RG	W9JA	N2LM	KD0PO
DJ5JH	IK5RUN	WA3AFS	N4RWG	LA2QM
EA1N	IZ4MJP	YO2RR	PY2IQ	LA5LJA
F5CQ	JE1DXC		S55DX	LU3CQ
HB9DDO	K6SIK	295	W7ZJ	PP1CZ
HL2IFR	KB8VAO	AA4R	WA4FFW	SK3PY
I1EIS	N9FN	AD6W	YO2CMI	SV3AQR
IW1ARB	UA9FAR	DL1DUO		UN7LZ
R5DT	UN6T	IW0SAF	292	UN7TW
RK4FD	VE3BW	JA1BPA	DL5CW	W1EQ
W0VX		JG0CQK	E72A	W2LK
W4QN	298	JH4ALY	EA5AT	WB9EEE
WD4LBR	5B4AHJ	JM1FHL	G4GIR	XE2CQ
	DL7BA	JN1RQV	G8DX	
301	G5LP	K0TPP	HB9BAT	289
AE5E	HB9BOI	K1GG	IZ3ETU	4Z4DX
CU2AP	IW0HQE	K5VIP	IZ8VYU	AJ6T
F4BKV	JA1WSK	K5ZK	K3FRK	AJ9C
HP2AT	JA4ITW	N7TY	K5DHY	DL9TJ
IZ1LBG	JA5BEN	NA5C	K7ZD	EA6ET
JA0DIN	JL2JVX	RM0F	LU4FPZ	JA3EOP
JA1LSP	JR7WFC	SM5FUG	N8II	JA8EJO
JE1LFX	K2PK	SP8HKT	R6AF	JA9FPI
JG8FWH	K8EUR	SV1GYG	SP5IWA	JA9IFF
JK1GOK	ND0N	VU2PTT	W4VIC	JG1WSC
K4SE	PY2VA	W2GG	W6SR	JH4GJR
PY7DJ	ZL1BYZ	W5LT		K3UL
RN3QN		W6XK	291	K4XD
SV2AEL	297	W7AL	G0EHO	KK0M
WB5JID	E73Y	WA9PIE	IK0HFO	N2NL
	HB9CQK		IT9CVO	R0FA
300	JA3RQ	294	JA1FQI	RA1QD
9K2OD	JE7JDL	AI9L	JA3ENN	VE3EK
AC0A	JE8CLT	CT1FCX	JA9FAI	W9YSX
DL1TRK	K4MS	EA6NB	JH1BAM	
DL4CF	K6ND	HA9PP	K0BBC	288
EA1AF	K8WK	JA5SUD	K3PA	IZ0RVI
EI2GLB	K9SM	JE1GWO	KP2A	JA2JRG
IZ5RVG	KG7H	JJ1DWT	LA5HE	LZ2JE
JA1SVP	KT1J	JR1DUP	N2TN	N5LZ
JA9AA	W6YI	K7ZV	N7IR	N6UK

ON6AA PY2KP S57AT UA3AGW W1YIF W2LE W2NO ZS2EZ 287 9M6YBG AA8LL IV3GOW IW1QN IZ8FWN JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA R9SA SM5ARL W1VT W4YCH W8AV WA6F 286 AA8R AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS LU8EKC N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI 285 4X6ZK CU2DX DL2SWN	EA3GHQ EA5KA HL2WA IZ8DFO JA2IYJ JA2VMU K1DG K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E 284 DL6JZ EI9FBB GM3YOR IK8VRH JA0DET JA8CJY JG3SKK JH3SIF JN1BMX K9NW N4LR OE2GEN SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ 283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW W6BJH 282 K1DT K1USA K5UO K8ROX OH4UI PC3T RD3AW SM4CTI UA0BA W1OPD	W4OX XE1KK 281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8KEN WN6W 280 CT1EAV GM3PPE HA5VZ IZ3ENH JA3XNH JA6TMU JA9NLE JF1NZW JH1BNC JH1HHC JR6LLN JR7FRW K4WNW PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX 279 JA0PE JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV N6TA OH1ZK VE3DZ W4UCK WB2BIN WO7R 278 9A4T	EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM0NJO SM4AZQ VE3CRG W8MHW WF2S 277 EU1KY F5UJK JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT UW2ZM W1KSZ W2PP W3BW W8RLS W9MJ WA3C WT4Q 276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA9VFA N5MOA ND4X ON4CAS RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO 275 JE1BMJ JG1OGM N2JJ N7KA	N8PW OH1JP ON5UE PA7RA 274 CT1FPQ EW1KP IW0HOU JA8ZO JH1IAQ K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ 273 AB4SF CT1BWU DH2PC IZ4DPV JA1KPH JA2TBS JA6BEE JH3GCN JI3CJP JM2RUV N4IG NA5DX NK0S OZ1ACB RW7M W4HG W8QZA/QRP 272 AF9H DS5ACV F5PBM I5OYY IK5PWN JF1LMB JH0BQX JH1OBS K1UU K7EG K8BL KA1ERL KI4GE N2DPF N4JQQ N9RD OE5FIN
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PA0ZH SV1ACK W2OO W3ACO W3AP WA1S ZS1A	268 7M4AOE HB9BUN HB9IQB JA1NWD JH4HMG K2KA K6IPM KD4W LA0FA N2AJ N5JB SM6BGG W2FV W9HBH WA1YTW XE1MEX	NU1B NV9L W6RS WA0RVK	W9PZT WA3GFM WB8ART WQ6Q YB2DX	NI3P PY5CC W1KDA W7AH
271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU KB1EFS LB2TB NN4X OZ4VW UA3TT W1MK W7MEM WA0MHJ	267 IV3VBM JA2QXP JA7BEW JA8UIV JJ1TKN K6BV K7XB KI5BLU SM5BMB	264 4Z1UF EA1KP F6DBX HB9DHG IZ0NRG JA1IAZ JA7HRM JR4LNG K1CA N1GC PA7TWO SV1CQN VE3YF VE6AX W5PF	261 DK3PZ G3UAS IZ8IEV JA3FHL JA4VLK K0DD K2FW K7LJ KM1D LA5SJA OM8FR SM7CQY SM7IUN ZS6WB	258 CU3EQ DK7YY HL3AMO IK4AUY JA9AGN K0TT KH2L N1EN SA0AQT US0YA W1SSN W9EWZ ZL2IFB
270 7K1PTT AA4FL BA4MY CT3MD DK8MCT EA1KY EI6FR F9XL K0BJ K7UA K9JF K9MBQ N4QQ PU2POP VE6LB W8HC WL7E	266 EI8IU JA3BXF JA6GPR K4RG K5VWW K8AJS N3VA N6PSE N6RV PZ5RA RA4CA SV1HEP W0FLS W7YAAQ W8MET WB2GAI WB3LHD	263 DK4TP EA3CJ EA4DL HA7UW JA7XBG JR8AMF K1KO K8FH KN6KI N1RR N7BT NF1G WA4LOX ZS6NJ	260 AA9A EA8MT EA9IE EC1AIJ FG5FR JA2FBC JA3VPA JA3WLN JH3FUK JJ2WOC K1ESE K4KAY K6EME K8YSE K9FN LY1G N6MZ NT5V SK7AX SV1FJP TG9NX W2XI W6TMD WA5LFD WV8DX	257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW IK2PZC K1SM N1API N6HC PY2MC RU1AB SV1VS W0JM W5DM W8MJ WV4TN
269 IK7FPV IK8EPC JA1OVF JA1VLK JH3FHQ JP1NWZ K0KT N4UOZ NW7E OM4EX SM5FWW YB1AR	265 4F2KWT G3WPH JA4FM JH1ACA JR1WCT K2CBI N5KM N9JV	262 CU3EJ I5REA JA8BAR K2SN K8AV LA6UL LA9FFA LA9GX N3RC N8OC NK4L NX0I SP6JIU W0GG W5ZG W6NWS W7LGG W7QDM	259 CT3KN DJ8NT EA3EQT EW1BA JA8BNP JE2RDO K2UFM	256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID K8RRT M0TTB N1SV NA5Q VK3NX W8JRK

WB7B	JL1BYZ	N3KN	245	K7FEL
255	K5FZ	NH6T/W4	AF5CC	KJ7M
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EA5RD	W2ZI	SM4OLL	EA4DEI	N6HY
F6ECI	W7CA	UN3GX	G3KMQ	VK3BDX
HC1BI	WV6E	VE3YV	HA5PT	W8GNM
HL3DE	251	W0RX	JA3QOS	WB8K
IV3TMM	9A4W	W8IQ	JJ6DGP	241
JA1VRU	DL2RTL	W9RC	K3EA	AB5C
JK1OPL	JA1DDZ	XE2D	KB9DAK	IS0AFM
JR3UIC	JA1SKE	248	KF7PG	JF6XQJ
KR4F	JA5BGA	AK5X	N0AH	JP1IOF
N1RK	K4VIG	G3VPW	N2NW	K3WWT
N5BO	K8CW	HB9DOT	NZ3O	K7KB
VR2XMT	KG9Z	HL2KV	S55ZZ	KV1E
VU2CPL	KJ7TEA	JE2VLG	YB0NFL	N4OA
W5JAY	N4SC	JJ1SKG	244	W5DNT
WS9V	N5UL	KF7F	IK8UHA	W5QM
254	NV4B	N4XP	JA1CZI	WA8MCD
BA7IO	W2JLK	OZ1LCG	JJ6IHG	240
CT1BWW	W3ABT	SV1IW	JJ1QUV	7K1CPT
IZ5YHD	W4SK	W2TB	K0KG	E21EIC
JF2WXS	W5GAI	W8IW	K1EFI	G7SSE
JH1VUO	W6DE	WV9L	K1KA	HB9EFK
K3SEW	250	247	K1YR	IW3GJF
KI1U	6K5YIA	CT1FUH	KK1W	JA1DM
LA5YJ	F6HLC	JA1PBV	N6KZ	JA2FSM
NE8P	HA7TM	JJ1BMB	OE3HWC	JH1APK
UA3O	H18R	K1PL	SP6A	JN1NBU
W3FI	IK0UTM	K3VAT	W0QQ	KF0LA
253	JH6PFY	KH6M	W4REX	N0ABA
AC9O	JL1MWI	N4QWZ	W5PJR	S51NM
JA6IVR	JR0EEQQ	N7DED	W9FI	SM3LGO
JA8XQI	JR5JAQ	NA9RB	WA2USA	SP5LKJ
K1FEV	K9YC	PY5IP	WA3F	UX5UO
K6MKF	K9ZM	W2/CT1GIF	243	W0SZ
K8DV	KQ3F	W7IB	DS5TOS	W8WEJ
KE1F	OH2IS	W9JJB	G4XRV	WA4CEM
N7XR	PA0JSE	WS5W	JA2EPW	WB8CQV
UA0FO	PY2FN	246	K4ZO	XE1RBV
W6RW	UN3G	AA7G	K8ME	239
WF4U	W7HPW	FG4NO	W1BR	AG1A
YB0COU	W7IU	HL2EIZ	W4PNY	DJ9RR
252	249	IV3KFB	242	I0JBL
DL7UPN	EA1RT	JE1VTZ	G4FKA	IZ1JMN
F1ICS	HL2CFY	JK1WSH	JA4ZA	IZ2FOS
G3KWK	IZ8GGF	KB6CIO	JH1ERJ	JA6CBG
G3NKC	JA1EMQ	N6PM	JH1WJR	JA7KE
JA1BNW	JA8FFM	W1KMA	JH4ADK	JA9NFO
JA4HAW	JH8GEU	W3ICM	JK1VXE	JE2UFF
JE1HRC	K0GW	W5ZO	JR1MLU	JH1DGJ
JF3PNQ	K9NR	W8OP	JR7GBL	K2XF
JH4CBM	KM6HB	245	K3NQ	K4QE
	N0RN		K4PB	K8YYY

N8SHZ NF4A OE3KLU OH7TV WA6JA WB4KTF	K1ACL KM3J N4GN N6IE OE2BZL OZ7FOC PA0TCA VU2CDP W0HBH W2YR W3FOX W4GIW W6DR W9OO WA1PMA WY6N YB2TX	233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JH1SOD K8BN K8EAB N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S	JA6AVT JI1VVB KK9H W2KA W8FIB W8WVM W9YE WB2NPY	WA9GON YL2KF
238 G8AJM HB9MFM JA0LXP JE1PNX JF0JYR K9GA K9OR KA4RRU KF9UG M0CSD N4PJ N5ZC N9UA W4KA WA4QMQ WB0TVY ZL4AS	235 EA7QW EI2HY EU1U JE1IBI JH2VVH K0EOO K0VSH K5CWR K8ZM N2FF N4IQ NA5Z NW4M TA1CM W3MR W7YW	232 AC9EM EW4C G3XLF HB9DVO JH0OXS JH6DUL JR3VMJ K4ST K5FNQ NJ7G NY2NY RQ3A SV8DOU W6CYX W9ZCL	229 AA3LX AE0P AH0U DL8SDC IK2GAJ K0HD K3FM K4CMS KD1F KI4DLS KS4S N4NW NE6I W1WC YB1TJ	226 DM2RM EA5B I0OSI JH1IED K2BA KK4OK N2KX N5ET N6BM N9AOL NG7M VE3SKX VE7TK VK4CAG W9DX
237 CT1BOY G0VXE HB9CXZ HB9JOE JF2OZH JH1DGQ JR0QFA K1RV K1XV K2NV K9JU LB5WB N4HID SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL WC3W YO3JF	234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA JK1BSM JR1VAY JR4LZX K4MF KE5FXE KE8UM KX2A ND4V W3WST WA4JQS WA5UA WX2U	231 AD5WB DK6OR HL2ZN IW7DVM JA1MZL JH0AWC K2RU K4YJ K5IB KD6UO LZ2XF NA4EA SM7NDX W2DXE W4UDH	228 7J1ADJ AA0MZ F1RAF F5LIW GW4TSG JF1RYU JF1WLK JH2PWY JH3GFA K4JC K4KGG KB1DMX KE4UW RA3QUA UN9L VR2CH	225 DK5RL DS4AOW DS5DNO EU1M JA0EVI JA4CZM JE2EBT JF1MTV JH8NQV JL3OUW K0OK K1JIU K3SF K4JWA K5YU MU0FAL N0ODK N2SQW N9SF W5GZ W5LO W5TFW W8CZN W8UV W9KVR WE1P YO9FNP
236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JH1UBK JN1NOP		230 G3LUW JA5NPV	227 DL2RUM I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ N9PGG W4DEE W5SL	224 JA1OVD JA8NFV JO1LVZ K1CBK K2HAT K2TER KZ5DX

N3RW	EA5DFV	JA7ZP	JN7DOS	CU3AN
N7WO	EI9FVB	JG5RVQ	K0QQ	K3SX
RW4CY	IK1IYU	K0NV	K2AZ	KD4SN
SM7BHH	K1DJ	KU8X	NY1V	KD8RQE
SP6AXW	K1NTR	N6QI	PY2RO	PY2WC
V51B	K4EU	OZ0J	SP7ICE	S54A
W5RF	K4MIJ	W0TM	W0KCJ	W5WP
W7NN	K5MT	W5THT	WB6BFG	W6WF
WB0O	K6MM	YO3IPR		W7FP
WN6K	K7AWB			W9IL
	K9WX	216	213	WK8A
223	KV4T	CX2CC	9A1AD	WW2DX
AB4UF	KZ9DX	DJ3XG	AG3V	YB0DJ
AF2C	ON4ATW	EA2AFV	DK3UA	
EA7DUD	PA3BWD	G4VMX	HB9HIT	209
I8MTQ	SM0DSF	JA2VHO	IV3FFI	JH6RTO
IK2RZP	UR4IOR	JH7WQX	JA1FVS	JH8UQJ
IZ8MBW	W8LMG	K7LV	JA3NHL	K0LB
K6IPV	XE2X	KK4OW	JG3RWX	K0VM
KI6CG		KR4W	JR1EFG	KB2FCV
KW4V	219	KX4TT	K1NJ	KB4MRX
N4ENE	F5JSD	LB6KC	K5ALQ	N4TD
NA2AA	HB9BNQ	NC4RB	KK2M	N9XX
	HL5BMX	PS8ACL	N6PEQ	PU1KGG
222	IK5QPS	W0SR	N8GP	SM5BNK
AK5Q	JA1FJJ	W5VQ	NA2M	W6DCK
DJ9SO	K5JZ	W9MO	VK3FM	W8BLA
DL5XL	KD2T	WB3D	W1LE	W8HMK
E77S	KE6V	WS1L	W3BJ	WB0ULX
IZ7AUH	KG6I		W7HR	
JM1VRW	KI7AO	215	212	208
K2AT	KR6C	9H1EJ	3A2MW	HP2NG
K6ZZ	N1KC	AA7XT	G4ZOY	JH0NOS
KB5UNX	N6DX	DS4GKF	I1YDT	K0THN
KS4YT	W6GRV	HB9IIO	JA1BWA	K4WES
RA4P	WA3I	I5XFD	JA3LDH	K5RJ
SV8CKM	WW8W	IZ0BVU	JR2PZX	N4FN
VE7BV		JR0AMD	JS6TWW	NU1O
	218	JT1BV	KU4BP	NW6S
221	DL2NOM	K1TZQ	SM5AOG	SM7GIB
EA2AAZ	DL4NBE	KF4NEF	VU2DCC	W1FA
HB9HBZ	I7PXV	KO6KD	W5DAW	W4WN
IZ1JLG	JH1OGT	N8NN	YL2TW	W5FPT
J11NJC	K5CD	RN9N		WA6G
K4CGY	KE3D	W0FG	211	ZS1J
K5DV	KR2Q	W0TT	AA8SW	
KU4XO	KV4AA	W1JGS	JE2KSM	207
N4TOL	N4JT	W4IS	JJ1KZZ	9K2BM
N9JR	SM7WVZ	W6SL	JO4JDU	DG5LAC
NA9Q	TZ4AM	WC2K	K4MV	JG1JPE
RU0SN	W5GA	ZL2AL	KT2C	K6ZP
W0BM	WA2NPD	ZS2Y	N1BY	KE1VT
	WC4H		VR2XLN	M0IKW
220	217	214	WY1G	N9AKR
AA6RR	IK0CHU	DJ3AS	210	OE1JIS
DL4DW	JA2NNF	F4GVO	AA4LR	ON4ANN
DL4LAM		HB9VAB		RD9M

TF3DC
VK2CA
VK5GR
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206

AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JF1IRW
K8NK
KK5OQ
KK9T
KW4CQ
LU4FW
N6ZN
N8BJQ
ND3L
W7IUO
WA3WZR
WB0N

205

AC9S
DL6UNF
GM0VRP
IK0WRB
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL
K5VR
K9SG
KW1DX
N2KI
N9KW
OH3OJ
WA4MME
XE1J

204

JJ1JMZ
K1RH
KB5HC
KM9E
NW7US
VU2IBI
W4GP

W7IV
WA9BZW
WB8BZK
XE1L

203

DF3EC
F5NBX
IK2RGT
IZ0BTW
JA0CIU
JA7JPZ
JH8NBJ
K0CS
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KK8MM
KL7TC
KM7R
N2ZA
N3PS
N4TV
N6PAT
SV1FKZ
W1DYJ
W3BNN
WA3FRP

202

BV1EK
G3SBP
IK5BOH/2
IT9ODQ
N8WD
W1AW
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

DL4FAP
GI4OWA
IZ0GYP
K0MFI
N4PYI
PY2GG
RT5A
W1OP
W6AEA

200

HB9AGO

IZ5FSA
IZ8EKL
JA3EY
JA7DPC
JA7MAD
JH1FVE
K1ZJA
KC6JAM
KM4VI
LA6OP
N1IA
N7ELL
PY3VB
VK6LC
ZS1DX

199

AA3TH
AC0X
AD4AA
JH0RVY
JI1WLL
K4SX
K4VNY
KC2SST
KI4WCQ
MU0GSY
N2RR
PB9FN
V51YJ
W6JZ
W6UC
W9LN
W9RXJ

198

AG7N
DJ0MCH
DL8DWL
IV3BSF
JA6ENL
JM1ESG
JR1IZM
K2CYS
K7PT
KA1J
N3ND
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB

EA1DLU
IT9AAI
IV3AVQ
JA2MNB
K6TAR
K8SIA
M0HIH
N7WS
W4DAO
W4HZ
WI7P
WQ5R
XE1H

196

CT3CD
DF2UA
HB9ESS
I7LGM
I8YAV
JA1XRA
JA7FAS
N2GZ
N3QE
NA9A
RC2A
SP3F
SP5MXZ
W6HYI
WA0WWW
WB5NHL

195

CT1ELF
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K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
SQ7FPH
UR5FEO
VE3YXO
W3SB

194

A65BD
EA5ZR
JM1SZY
K1LT
KP3AH
KR8T
NJ3K
SP6EY
VU2LBW

W4DC
W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
G1VDP
HI3T
IZ5MOQ
JA0AXV
JA1QIW
JA3PRM
K3NF
KM1C
KZ1W
LZ2ZG
N4HN
NN5E
NU4B
PY8WW
SM5ELV
W8NN
WA9DU
WB6CJT

192

F6FYD
HB9FBG
IZ7GIT
K1JD
K6XN
KE0A
KJ4UZU
KJ4YLO
N4XYZ
NC2Y
UR3EO
VA2IG
YB1TQL

191

AA4NC
HA5CW
IT9IPQ
JH1FNU
JK1AJX
JP1LRT
K1RI
K8QKY
N4DWK
N7MQ
NK7C
OZ7DN

VK2HV W8UQ WF1H WI8R	WV4V YO2DFA	WB5STU YB1RUS	KV8SL N7VPN NA5S VR2XYL W4DSM	W0JW W1AO W4KVS WD8KND
190 AA4U AC4VM DJ9KV EC7B G3WW G4XEE HL4CCM JA2ITK JH8KFE JI2UDK K7UT K8ZT/QRP KD0AA N3AIU N6MXU SM0BYD W2OR W9ROG WA8LRW WB4GLI	187 EA5HM F4WDL IK8GJR N6VNI PP7LL W5ZE 186 AF6PK I4UUL K5EWS K5QX K6EGF KC6X KK0DX N5QS W8RV WA5IPS WB4DNL WZ4RC 185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W5SUM W6RKC WV2I 184 AD6ZJ EA5RU IK0HBN JA7FVA K3JM N2MEE N8HRZ NW7M SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL	183 IU0ICA JA2KSP JA3UNA JE4CIL K3HW K6LRN NA2U W2CG W3ML WF8R YB2TS 182 4X6KJ I5FLN I8LWL JA6SQR JI1CQA K7LAZ K9AQ KG4JSZ KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ XE1YD 181 EI3CTB IZ4AIB JK1DDG KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK 180 A61BK AA4AK AE4M DK1NAL JH1IZR K0IL K2SD	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV NO0B SP5ELW W0ZS W1HS W4CCS W4TUN W8QXR 178 AA8KY EA8AXT F4DSE G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N6DHz OZ1HPS W7HUY WB6AXD WC0W 177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KF4VTT SM5CBM VK2AAH W0IKD	176 DL6NW F4FLF G4AYU JK1JAS JR1FHP K5DCW KK7YC KT8D KW9U LA4JGA LA7EIA N1JP N5FEE OZ9XU VE1VOX W0MS W4LEW W9WO WA3GNW 175 AG5CN EA6UE IU8IYE IW1PUR JA0LFV JE3PCP K0KV KD4POJ KF2OG KF6HI KL0S KN7D N7NG NS3L UA1OM UA9AGX 174 AA4UC AG4Q DF8FT DL5KUA HB9HVG JL6USD JR3TOE K5CR K9HQM K9UQN N7NW W5JMW

W5WI WA4BIM WA4NUF WQ5T	N8WRL NA6O NG9J ON6MX W0MU WA4DOU WA5KBH	N6MB OE1ALW R4FAN SV1XV VR2MY WA9IVH WX0Z	JR1KBJ K3VPZ KG4CUY KG5NP LA2XPA LB7ZG N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W6FL WB2WPM WB9PNU WC4X	KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9ATF N9LEO R3IS SM7CZL VA2LC VU2MSA W1OK W1XV W4PGM W8MIL XE2YWH YO3DDZ
173 7L2QAD AB6CF AI9U DM6MA HB9DVZ K1ROA K5ZQ K6UNE K8JE LA9VBA N7HN N9DR NC7B NX2X OV5O SM0EUI TF3JB W7VAS WA7BNG WY7FD	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1YIW K6JJ K7CU LA2GH N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	167 JA8BOV JQ1PCX KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ PT2ADM PY2SEX TF3VS WA0SXV WA5NFC	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ JE3FOR K1XE K6CF K6GFJ KA1API KD8MQY KL7TS N2XQM N7WI NA2P PT7DX S50B SP7QHR W6SIY W9CSX	162 4F1OZ BH4IGO DJ7JC DS3EXX EA2AGV HS8KAY JR4CZM N4BAF NP3CW W4NBS W8FN
172 AD0K EI1DG JA1BON K5TA LZ1XL N3AO N5PA N7GCO SP5ES W1ASB WB8QZM YB4IR	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N5MT RD3BD SV1IZY WA6QGH WB8EKG	166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K7CTV KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	163 AA4OC AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS JR6LDE K0ABC K0CF K0PX K4GN KE1B	161 HL3ERJ JP7FSO K1BZ K2OP K4AR KM4A N7QT NA6XX OK2ZDL SM3PHM W5BK W5RDW W6DOE W9GG
171 AA5N AD3C CT2GZE DL5MM F9CI IZ0CKJ JA3AVO JJ1BDX JL1GYZ JS6QOM K2TV K4WY KB0V KC5LK KP4DKE	168 A92IO EW1P JA0PZJ JH1ORA JH3EQP K0PC K0RAR K1VI K2SY KF0RQ LU8ADX LX1CW N4ST	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4KCN JE4WOK JF1KML		160 E70T EA1WH JA1ITJ JA1UOA JG2LGM JK1EBA JK1NPH JR1CAD

K7LY	157	YB1AYO	G4AFJ	KX5U
KC9K	7N3IJT		IK5BSC	N6JOJ
KM4NS	AB2E	154	K2EK	N8IK
N0IW	E20YLM	AC8TO	K4RDU	N9IO
N4MEC	EI2JD	AJ8B	KD2OV	NM4SH
N5WA	GM4KHE	DS5WQT	KE9S	ON6ZV
N8IL	JA0NZR	JA0GZZ	NM1G	SM0BSO
NI5F	JA1UBZ	JA4HXF	OH3PYY	VU2NXM
W1TO	JA3MHA	JA8ANQ	ON4LG	W2NY
W9FF	JE3OUW	JE6PJP	R9JX	W3KB
ZS6RJ	KB7QFE	JF3VEC	W6RFF	W4NE
	KM4HQE	JH1AQN	W7JET	WL7OU
159	KN7Y	JH1BHW	WA6EZV	ZS1C
AA3AZ	N0SL	JM1JZN	YV4DYJ	
CT1ESO	N4MI	JR3QHQ		149
DD0VE	N6VH	JR7ILA	151	7N2JZT
DK8IZ	N9AZZ	K5DXR	AD5MD	DS4DRE
EA1P	N9MB	KC1ERO	AK9B	ER0FEO
IK0WMJ	PY1NS	N7JB	DF1IR	JA0JPD
JA0ED	W3HKK	NE5W	DL4KUG	JN4FNZ
JA4FKO	W4DTA	NH6L	IZ0FUW	JS6SCC
K0IO		VA3OKG	J68HZ	K2KIB
K1EDG	156	W4CIR	JA2BUR	K2RET
K9QJ	EA3HPX	W5TMC	JI3BFC	K8WHA
KC4HN	GM3WIL	W8TM	K1QN	K9EXY
LA8ZAA	HB9HHH	WA9MAG	K4DET	KM2E
N1MD	HB9MX	WN7J	K7LAY	KP4DS
N4VG	JA1CCG		K9AAA	N0STL
NE5S	JA2ODB	153	KE4BKL	NE0U
NF7D	JA9RT	HB9BEM	KE8G	NU4Y
OT1A	JH2AJY	JA3UOQ	KK4CLY	NZ0O
VA3NXM	JL3DGI	JH2NWP	N7MB	RT0F
W1EBM	K2HT	JR7MAZ	NU4I	TF3Y
WD5BJT	KA9OKH	K0SRL	SM0NUE	UA9MC
XE1MW	N4QM	K0YL	VA3EJN	WA1EHK
	N5QZ	K4OY	VA3HP	WF7T
158	N7RD	K8ROK	W3HER	
9J2BS	W1MR	K9MMS	W5WLA	148
G4SGX		K9YZ	W6WA	4F3BZ
IK3DVY	155	KF9LI	WA9JWL	A71AM
JJ1KXB	5P5Q	KK4XL	WC2C	AE0MO
K4HQK	AB4GE	LA2IR		IW5EIJ
K4SAF	DK3QM	N0VVV	150	JF2AIJ
K8GWU	HB9GWJ	OH3DP	DK3BK	JR3PKO
KB2XJ	IV3TDM	OH3FVP	DK3FB	K4TXJ
KF7NN	JA0EBV	SP5NON	DL9SAD	K5LY
KJ7NO	K2DF	W3DIY	HB9EBM	K7STO
N4XMX	K4EZY	W8VK	IK1UGX	KA3GWD
N6MM	K4WM	WB4SON	IT9ABN	KB8ZUN
N8TFD	KM2O		IZ2MHT	KD4EE
W0JMP	M0IFT	152	JA1IHD	LZ1MDU
W8LIG	N1QY	4O3A	JA6SUY	N0TK
WB2RAJ	NK7Z	AC6BW	JA7GZM	NJ6K
WB9B	NO9E	BX5AA	K5HK	PY2CP
WB9ZNZ	OE1HHB	DF2WF	K9RT	VE6TL
WT2P	UT7EC	DU1KT	K9UWY	W4AG
	W5SV	G0THF	KI7M	W9GM

W9MAK	KS0M	KB1HY	K9TRV	WG0G
147	N6KK	LA1J	KX4I	WS1F
AB9KZ	NS4X	W4MA	N0CKC	136
AI6P	W3DQS	YO8CRU	N2SG	DM5JBN
F6KOP	W7NP	141	N5JED	G0OSK
G3VQO	WR7Q	7K3QPL	N7NF	IS0EBO
IS0/YO3RA	144	9H1AE	R9MJ	NT5EE
JJ0LZQ	AD0TR	EA1T	ZL3TE	ON5GF
JK1OTP	DL6DCD	EI3ISB	138	VE3FRR
K3GGN	G4FTC	HB9EXQ	AC5AA	W0ANZ
K3GW	GM0VIT	IZ3XEF	DL5KUT	W4GH
K4NTO	K1TKL	K2JK	DL5ZB	W4IDX
K5UZ	K8OS	K4RM	G0FWX	W4PV
KB9LIE	N5UE	K5VG	JA0CVC	W7SX
SV8RX	RN0C	K8RCT	JA1PVX	135
W3NRJ	UY2UZ	K9AAN	JA1VRY	AB4FH
W8OM	W0AIH*	KA5SYP	K2YSY	GM5YTT
146	WB9W	KA5VFU	K6CW	HZ1GW
AE5B	143	KE7BMG	K9BO	JA1DCK
HP3TA	AA4MM	NZ6N	KC9G	JA3MIO
JA3KWZ	AF3X	SV2JU	KF6A	JA7MWC
JE1COB	EA4D	TF5B	KL7NW	JJ1HLL
K1IG	FM5DN	VE3FAC	KU9S	JL2ULM
K6NR	HB9AAA	W1NA	N3PV	K2WJ
K8ARY	JA1MOD	W3IZ	N9BVA	K3HPA
K8POM	JF2RSF	W5GOL	OD5YA	K3WGR
KB9AIT	K2OO	W6HDG	PV8ABC	K4OP
KM8AM	K6LPO	WK9U	TA1PB	KC3RKW
N6FS	K7QBO	140	W0UHL	N5RN
N6RK	K9BQL	AA4DD	W4DWS	N7TW
N9MR*	KE4FW	AD9DX	W4EJG	NX8Y
NJ1Q	KG6D	EI6JK	WA5POK	S53MJ
SM3DXC	KJ2U	EI7JZ	137	W5IO
SP9IZV	KJ4R	JG1RYQ	DL2RD	W7QHE
TF4M	KN7K	JJ1OKK	G3PSM	WB3AVD
WA2MUA	LB2TG	K0UBR	HL1MKT	WB6FWS
WA3SKQ	N2YBB	K5GZR	JH1SBE	WB9IWN
WW8RT	N4GBK	K6EV	K2CDJ	W05I
XE2B	N4UP	K7VC	K2RKJ	134
YB1BML	N7ZA	KC3AK	K4AU	AB0RX
ZS6UT	TG9AJR	LA8PDA	K6IRA	AB1J
145	W4JVN	LZ2HM	KP4N	DL4ZAB
5T5PA	W4UFO	VE3NJC	N7VZ	EA6AZ
AA5TL	W7VS	W5VU	N9NFT	IZ8DEO
AC7JM	WY0V	W9BS	NI4Y	JA6GXP
AL7TC	142	WB1ASL	NU1T	JR0GXA
DL1MEV	I4JEE	WW6G	OE3JAG	JR1HYA
EA4S	JA1PUK	YB3MM	SM5CSS	K3KY
EA7LS	J11UHZ	139	SP3EPG	K7FL
EI7GY	K2CJ	F5VML	TA1AL	K7RAN
F1OBJ	K3GT	HB9ARK	W2GGY	K7YZO
JH1CTV	K8MRT	HB9DTE	W4UEF	K9JDP
K5FXB	K9UO	HL4CBX	W5AAJ	K9SUH
KQ5M	KA6BIM	K0QB	W9MR	KA9JCP
			WA0WOF	

KD2SC	KK5ID	JA0AVS	EA4TX	W9COS
KF5WCP	M3DFW	JA1PLT	G8BCG	XE3E
KN4OK	N3TR	JA2ACI	HB9TJG	
LB5GI	N4EDT	JA3WMS	HK6K	125
N1AH	N4QOG	JF2OHQ	I2YPY	AC4XO
N2TC	NN3V	JH1RFM	JA0BES	EI8GS
N6XT	ON6YH	JM1CMA	JE2VYM	G4EHT
NC6RJ	PY2OP	JN1SUT	JG1LRE	IK8PGE
PA0QRB	SM7DXQ	K7ORK	JG5DHX	IZ8EYN
SM3WMU	UW7UA	KB3IFH	JH1HRJ	JH8FIH
W1DAR	VU3WEW	KB4KBS	JI1MNT	JP1GVC
W2KNG	W3KHZ	KN4WOJ	JR1LZK	K5NOF
W4UAT	W4MC	N8BK	K7LFY	K9ARZ
W7KKC	W5FL	N9AVC	KF3N	KK5J
WB1DX	WA1HXX	PY3OG	KS8W	N7UJJ
XE2AD	WA1KXV	SM2YIP	LA2LI	NA7RH
	ZS1EL	VK5CE	N0AB	NN6CH
133		W7TG	N0DL	SM5AFU
7J1ABD	131	XE1ILI	N1BZ	TF3MH
DL8OH	EI5GM		N3GTG	W0XE
G4NBS	JH1IYY	128	NA1RL	W4AO
GM1BSG	K0ARM	A71XX	NT9F	W5CWQ
HB0WR	K5SES	EA1AHA	ON5EQ	W6PG
HK4EB	K7GA	EI3IO	VE3EDY	W7FI
JA5IBP	KA5IAU	F4GTB	VU2TMP	WA1LAD
JM1JIV	KO4DKI	HL2DBP	W0MF	WA4TMJ
K6ME	NG4DX	JA6NQT	W3KN	WM4AA
K7YMG	NN6K	JH1AWJ	WA2BOT	WR2G
KC2STA	VE3NKS	K6OJ	WB2KSP	
KG6WIK	W5EC	K7PTC		124
KI4TZ	WA7HR	K9YKL	126	AA5H
LA9KY		KC2WUF	CU7AJ	AF8C
N1BKB	130	KD5R	DS3EXT	DJ3EJ
OH4KRN	AA4QE	KG2U	EI4HH	EC4KW
OH7HM	DL1SWN	N0JR	IK4TVP	EI8IQ
V31CQ	JA2LMY	N5EI	IW7EDZ	G4RGK
VU2ABS	JH3PRR	NR0Q	JA5CDL	IT9YOZ
W1GY	JL4BSE	R3BB	JA5XPD	IZ1UKF
W1ITU	K2MHE	UR9IDX	JH4GXE	IZ5BYJ
W3MF	KD2NF	W0QD	JK8VMB	J11DMH
W6OUL	KI0HA	W5MF	K2GLS	JM1LPN
W9SE	KN4JX	W6IS	K5KDX	K3SUI
YO3GJC	N2YF	W8BI	K7PO	K6VVK
	N7TM	W8WV	K8GT	K7HC
132	NS4F	W9EBO	K9QA	KB8DID
AA4FU	OZ6TL	WA4UWD	KC5RR	KC2NJ
AK3E	PU4MMZ	WC4V	KC9WPS	KC4AA
AK6I	W1MO	WP4CQ	KK4CB	KD9ZR
I8NLC	W9CTJ	WQ1H	KM4CQG	KK4TKJ
IK8OZV	WB8RFB	ZS6AKU	KS4WA	KV8P
IZ0COI	YB2IQ		N5HC	M0MCV
JA9KRO	YO8PS	127	N8YQX	N0YO
K4BNF		7Z1HL	N9XG	N4LSJ
KB8KIM	129	AG4TO	VE3TMG	N5VBK
KD3UY	AD6KQ	DJ5DT	VK2DAG	NT4K
KG8OU	AE7U	DL9GTB	VR2VGM	W0DD
KI7HO	DS4EJA	EA3NG	W8VI	W2FDM

W4BH
W6ELI
W6ND
W8PAT
W9TO
WB1S
WW5L
ZL3REX

123

AB9BH
AE5FM
AI5EG
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA
JA1GLE
JA2HOL
JH1RVQ
JL3RNZ
K0MD
K2JGL
KC2THY
KD0KZE
KO8SCA
LA2XNA
LX2SM
N5JEY
N6DVR
N9RE
OH3TY
PY2ADR
SV7CUD
VE3VHH
W2WGK
W4UT
WB8TGY
WU7X
WX3P
YB9WZJ
ZS6NK

122

AA0BH
AA5B
AB5YI
DB4RG
G0HSA
HC1HN
JA9ALR
K0HQW
K1AJ
K3DQB
K4VAC
K9KJ

KB4ET
KN9N
N1ZZ
N4GRC
N9ATD
UT9LC
W1ES
W1HEO
W1KKG
W5HNN
W6HB
WA5YOM
XE2MX

121

AB4BJ
AK0A
DL7UGO
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JE2DOD
JI5WDC
K1LTJ
K3CWF
K9MQ
KK4ODQ
KU2A
N3ER
N5ZY
NA2R
NA4MM
NY4G
OZ6EI
TA1L
UA0FDX
W2ARP
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120

AA2T
AC4TO
AE5LK
AI2S

CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA1DCO
JH5OTE
JJ1XVA
K9CHP
KG4OJT
KJ6Y
KK7BR
LU3XX
N1TQP
N3DV
N3GS
N4UFP
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB
W1RG
W5RYA
W6GJB
WT5L
YB0AZ

119

DL2VWR
F5BAR
HL2MHU
JA6JYM
K7LOL
K8EB
LU9DO
N1GNB
N8LCU
ON8PHD
SV1BYI
SV2KF
VK7AP
W1ZK
W6ZPL
W8EOG
ZL2AO

118

6K5AQY
AC9GK
AE1T
AJ6X
DJ9KM
IZ0FYW
IZ0RPS

IZ1JIZ
JA6CMQ
JH3LCU
K9KJS
KA5JSM
KA9JAC
KB3KJ
KD9BIE
KG5VK
KX6C
LZ1XZ
N3HYB
N8KUS
VR2CC
W4AFB
WA7ZXD
WA8RCK
WB5TOI
ZS2I

117

AD7L
CE3FZ
F8EZE
IS0BZR
IZ7QFN
JA9KA
JM3GXU
K0FF
K4AEH
K9LCR
KB2S
KB5CSQ
KO4PY
KP4ED
KZ1X
N8AGU
VE7NY
W3LWH
W3MRL
W4ARK
W4PG
WB9WHQ
YO6HOY

116

6K2ILX
AA0FT
EA5GXI
EI4BZ
G8GHD
IZ2CSX
JA2KPW
JT1CO
K4LCP
K8JRK
K8MN

K9GWH
KC1RET
KD5RBU
N0ATQ
N0UCR
N1GFV
N2ZL
N4KEB
OE6CLD
RW6MBC
SM1NJC
VR2IL
VY2RU
W1HQ
W7WES
W9LU
WA4VJK
WW5RC

115

AA9WO
AF7WM
E74A
HB9MZI
HL4RBR
IW2FLB
JA0NPQ
JH8LEY
JJ2VLY
K5TU
K8CR
KB4CRT
KB7V
KG4URP
KV7N
MM1PTT
N0TR
N7PIB
NE1RD
NG0G
NW6V
OE5MPL
W4OV
W5WS
WB4MM
WJ5K
WS4H

114

F6FHZ
G3CWW
HC1HC
I0BJV
JA1CCH
JA1CPU
JA8EIA
JG4OOU

JM3XZC	VK7ZE	KI2Y	AD7XG	KE7AUB
K2IRM	W1FC	KM5VI	AF3K	KI4SFT
K3PL	W3JM	N4NYY	DL9QJ	KJ2AM
KB1W	W6BBS	NT5O	F5DBT	KJ4SKO
KI8AE	W7CD	PT7CB	F8DHE	KO4XI
N3DD	WB9YJE	TA1UT	G0MMI	KW1X
NA1DX		TA2RC	JA5GOJ	LU2AH
NG8T	112	TA7AZC	JA9IWR	N2IFA
NK5K	3C3CA	W7WT	JH4GNE	N5FPW
W0LGQ	7Z1CQ	WB8PKK	J11IZS	N5TW
W0QKL	G0DTX	WU4B	K0FD	N7TP
W2ZK	G3YFE	XE1ZTW	K4AEN	VE7VV
W8LR	GM0SCA		K6JAD	W4DVG
WD0AJG	IK4EWN	110	KA4AHU	W6CN
WN0L	IS0BQE	AC0B	KB7DT	W7SMW
WT9U	JA4RED	AG5Z	M0AQM	WB5ZAM
XE1EE	JA8WGX	AJ6V	N4LS	WC4B
YB2BNN	JF3AHI	CT7ANG	N4WD	107
ZS4JAN	JH0LME	DK4MX	N6RVI	AB7RW
	K0XM	EA1BLA	NN8L	BG8PA
113	K4HEB	EI9HX	NW6R	DJ5FZ
AB1NS	K4ZMV	G4VWI	NX1P	DK2GP
DL2DCX	K4ZRJ	G6MXL	NZ3M	DS4OMS
EA5DPL	K8CJY	HB9BEP	PF7M	E73D
EI2FG	K9KDS	HG6IA	PV8DX	EA2BFM
F5EOT	KH6P	IZ1EPM	SP7ASZ	EI5GSB
F8GB	KY6AA	JF3KOA	T88UW	IC8XIL
G0UII	N0OK	JH1FRW	W3ATV	JA3MAT
G4NAQ	N2SO	JR2PAU	W3GP	JE1CTA
G4YCS	N8AID	JR4DHK	W4JDS	K0FJ
HB9GZE	NQ4A	K3MSB	W5SG	K2FJ
IU8GNY	S51DV	K4KAL	W7CB	K2ZD
JA2CPD	W1USN	K4RP	W7VP	K3GO
JA4CSJ	W3WN	K6DJ		K4LQ
JA5SEY	W4LLP	K6SLO	108	K6DLB
JF1AZQ	W5GCX	K9TVG	7M4CLF	K7UWR
JH1GNU	WB2UFF	KF8PD	AC8MR	KA4LBD
K1JKR	WD8LTM	KV3W	AC9DX	KB0EL
K2KNB	WF4W	N1TQ	DB9CR	KF2G
K4JDJ	WJ1B	N3YZ	DL1TPY	KF6XA
K4JLD	WN1M	NZ7Q	DL2AMD	KJ4FZ
K4TR	ZL3PAH	OE6BME	DL2NAI	LU5OM
K5WRE		TF8GX	DM5TI	N0MHL
K7BWC	111	W1ZZ	DU1IVT	N1UZ
K7MO	AK4N	W5JE	E70X	NI8Z
K9DUR	EI9CN	W6TCP	EA5XV	OV2B
KA5OWI	F8DZY	W7YED	G5CL	PP5VA
KB1OIQ	G4ZWY	W8PE	IK1RKN	RM6LW
KB2TGU	HB9ECS	W8TE	JA2DCN	SV3EXP
KC0V	JA4DLF	W9GFB	JA2KGQ	TA1CQ
LU3JVO	JA5EEU	YB1SKR	JH1OVY	UX5XK
M0NGN	JE1TNL	YO5QAW	K1FUG	V31MD
N6DW	K1RE	ZS5LEE	K3XO	W5HY
NA9L	K2KYH		K4GHS	W8JA
S52R	K5NV*	109	K8LBT	W9JJ
SV2DSJ	K8ZEE	AA4RX	KC8YG	WB2BXO
VA3AYA	K9JIG	AC8AZ	KE3ZT	

WB2MKX	105	G0DRM	K4NI	W1GF
WC2L	AA2F	GW0ANA	K4PWS	W1MRH
WM4W	AI1W	HA5DI	K4SAW	W4GHW
WS7I	AP2IA	HB9BMY	K6XJ	W7FS
WU1U	DL9GTK	JA1CC	K7HV	W7HJ
ZP6CW	E29TGW	JA1DHY	K9WMS	W7IMU
106	EI6GF	JA1RBY	KA7CVJ	W9GWP
AB6WQ	F5VIF	JH1MYJ	KP4DDY	WB4PWZ
AC7DX	G3LOJ	J14HKA	KQ6K	WB7QBS
AC8IL	HL4GHT	JQ2MPJ	M0UPL	WD6T
DS2GOO	JA1JYS	K0BRO	N1MIE	WD9IOK
DS5MNO	JA1SZN	K1TWF	NB3R	WN9A
EA3AGY	JE6UWU	K2CQW	NI5G	XE1SAX
EW4DX	JJ2BLV	K4WW	RX3BP	YB0EIN
F6JSZ	JK1AIA	K5JUC	VE7XT	YB9AY
G0OJG	JK1AKA	K7UW	W2SUB	YO6BHN
G0RPM	K0MB	K8WVA	W4CU	ZS2ACP
G3LPS	K1EO	KE4YOG	W5IP	101
G4FVZ	K1ETA	N1FOJ	W7KHZ	AA9D
HI7SB	K2GW	N3PW	W7UV	AB2NI
IZ4IRO	K5WE	N4PAJ	W8EH	AB4EJ
JA3AOP	K6GCN	N4ZR	WA6URY	AB8YZ
JA3FRI	K7CMZ	N8TEM	WA8KNE	C31MF
JF7NNI	K8FB	N8WXQ	WC9C	DD8BA
JG1XBM	KJ8N	NA8W	YB1ALL	DD9WG
JJ1IRS	KK4MA	OM6CI	ZL1IM	DL3XAC
K6VWE	KR0P	OZ9U	102	EA4UV
KA9TOX	KZ4EX	PY2YW	4X1VF	EA8TZ
KI0KN	LA9JKA	RV4LC	5H8HZ	G3VDB
KI4NSP	LZ1JZ	VE3ZN	5W1SA	G4GEE
KM8V	N2YU	VK3MB	AC0XY	HB9PUE
KR4U	N9APK	W0VU	DB2WD	IK2HLM
KT5V	N9IXD	W9GXR	DL4FDM	JA1KZP
M0PCB	NC1M	WB4HMA	IC8SQS	JA1QEY
N4DJT	NK7L	WB7QXU	IZ7QSS	JA5ALE
N6UOZ	OH6IH	WF8Z	JH1IHG	JA5JUG
N7MW	PV8RR	WX0B	K1MDA	JK3NSD
N9ZJ	TF1A	YB1BUL	K2DH	K0GEO
NG4C	VU2DED	YO6HSU	K2DW	K3AXB
NI7F	W1PY	ZS6HON	K4HR	K3LA
NS7K	WB8LEM	103	K6BLG	K5HX
PT2DF	WD4OHD	AF8P	K6JAV	K8PGJ
PY2OC	WF5I	DS5JMG	KA8HDE	K9GL
UA0ABB	WK3A	EA2RY	KB1AWM	KB5YN
VE3BHZ	WZ9B	EI4GNB	KO3F	KC3OPI
VE3XK	YU1LD	EI9GLB	N2CJN	KC4ZA
VU2MB	YV4EH	FM4LV	N2FY	KD2RUY
W0TLX	104	HB0RER	N4IR	KE9UA
W4/KL7GLL	7N4OBV	JF1KIG	N8KOJ	KJ5RC
W6KF	AA2WC	J11FXS	NA4D	KU4A
W7GB	AA6XV	JP1KHY	NN5O	LA3ANA
WA3IIA	CT3DZ	K0OOK	R9GM	M0PTZ
WA8Y	EA4EJP	K1FBI	S51MA	M5LRO
WV4E	EI3HA	K2RNY	SM0XG	N3CAL
ZL3RIK	F6ARS	K3PIN	US8ZAL	N4PF
	FM5FJ	K3TXW	VK2GR	NC8I

NJ2X	IK7NXU	N8URE
NZ1I	JA7PKV	N9MKC
OZ5JQ	JE7KCI	ND0B
PA3AIN	JG0HEW	NE3K
R2ARR	JG3LDD	NX6D
RZ6MJ	JG5VFK	OM2AGN
SV2BXA	JN1RFY	OR4K
SV4FFL	JR4VEV	OZ1GCT
TG9AKH	K1HC	OZ9GA
UA4PK	K1JX	PV8AJ
VA2GA	K1PTF	PY5VC
VK4BUI	K2UF	R2AB
VU2OT	K2UT	UR8IDX
W0ZX	K3NO	VA2EU
W2FDJ	K3QB	VE1JF
W2GHD	K3RRR	VE3KKB
W2PD	K4GM	VR2PX
W3RMS	K4KYN	VU2OY
W3SW	K4QS	W0PPA
W4PM	K5LLA	W0RMS
W6OU	K5MMH	W2MW
WB5KSD	K5PSN	W4CG
WD4IXD	K5VSD	W4DFU
WM5H	K5YE	W4YR
WU6K	K7VL	W5PD
WX7B	K9EA	W5YKU
YB8HZ	KA2F	W6OZI
YO2OXD	KA4H	W9KM
	KB6IGK	W9ZT
100	KC5N	WA2ALY
2E0XAR	KD1DT	WA2VJL
9M8DEN	KE1IU	WA3UTC
A41ZZ	KE8NOA	WA3YZD
A71EM	KE9V	WB0RXQ
AA7UN	KF5MDZ	WB2ZEX
AC0DH	KF5TL	WB6RAB
AD4J	KG4IYS	WB6RJH
AE4VJ	KI0G	WD1M
AK1P	KI3O	WD4GZW
AK4AO	KI4PG	WI0E
DB6VH	KK6MF	WK7W
DC1TK	KL2R	WM4D
DK1MCS	KL7XO	WM9Q
DK7GH	KR4Q	WU1T
DL3ANK	M1EMC	YB6LAY
DL5JH	N0JX	YE1AR
DS4GQR	N0KM	ZS6CR
EA5PS	N0VTZ	
EI4DQ	N1KI	
EI4GJB	N3NVA	
EW4A	N4GOA	
F5JWH	N5CR	
G0GFC	N5LJL	
G4PUQ	N5LKE	
G8GFF	N7WFK	
G8GNI	N7WR	
GW0KRL	N8HM	