

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 05 Jan 2026, 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	K5UR	K9NU	N0XA	NJ6P
K2TQC	KF2O	PY4OY	N5UR	PY2BW
SP5EWY	N6AR	W1DIG	OE3GCU	PY2SP
	NN4T	W7UT	OE6IMD	PY5EG
347			OK3GU	SM5CEU
K4CIA	341	337	R7LV	SM6CVX
K8MFO	4X4DK	AA6YQ	SP3EPK	UT5UGR
N4WW	AA1V	JA2JPA	SP8AJK	W0DJC
W1JR	DJ6RX	JR3IIR	WB6RSE	W9RPM
W4DR	DJ9KG	K1ST	WK3N	
	G3KMA	K4HGX		332
346	IK1GPG	K8SIX	334	AA7A
N1DG	JH4IFF	N5ZM	DF3GY	DF4PL
SM3EVR	N0AT	VE3XN	DJ9ZB	EA5RM
W9ZR	N2TK	W0BV	EA4KD	GM3YTS
	N4CC	W2YC	EA6SX	HB9BGV
345	OH2BU	W3LPL	F6EXV	HB9BZA
HA0DU	OZ3PZ	W9IXX	G3XTT	IK4DRY
JA2VPO	PA3FQA		G4OBK	IK5HHA
OH1XX	SM3GSK	336	JL1UXH	JA0UUA
	VE3EJ	AA1QD	JQ3DUE	JA4DLP
344		G0JHC	K1OA	JG3QZN
K4PI	340	JA1WPX	K3UA	K0IEA
N4MM	EA8AK	JA5AUC	K4XO	KD5M
OZ1BTE	JA4DND	JH4UYB	N4XM	N2LT
OZ1LO	K4UTE	K2FF	N8DJX	N6JV
PY2XB	SM3NRY	K4XP	SM5AQD	UA4HBW
SM0AJU	W2LO	N3XX	SP2FAX	UT7QF
VE1YX		PE5T	UA6A	W4DKS
W3YX	339	W0MHK	W4PK	W5BPT
	CT1EEB	W1YY	WB9Z	W5ZN
343	DL4MCF	WD5COV		
DF3CB	JA1UQP		333	331
K3FN	JA5EXW	335	DJ8NK	AA1ON
K4MQG	K5RK	AG9S	F6AOJ	AD5A
SP5CJQ	N4CH	I4AVG	F6DAY	DF2RG
VA3DX	N8DX	JA0EOK	HA5WA	DJ9HX
W3UR		JA1BK	JA1HGY	EY8MM
	338	JA2FBY	JA2KVD	F6BKI
342	G4BWP	JA4LKB	JA6BZI	IK8HJC
JR2KDN	I4LCK	JA5AQC	K6YRA	JE2URF
K4DY	JA3FYC	JA5MHD	N4AH	JH1GZE

JH1RFR	328	SV8CS	WB4TDH	JH4ADV
JI4POR	AA5AU	W8DCH		K2VV
K4MWB	DK5WL	WP4U	323	K4EM
LA5IIA	DL7MAE		AD1C	KX4R
LZ2DF	IZ5EKV	325	EA3GP	N5XZ
PY5HOT	JA1SJV	EU7A	GM3GAV	NE1B
SP3E	JH2FXK	HB9DHK	JF1KKV	OE6MDF
VE3FF	JI2KXK	I5NPH	K6FG	OE8RT
W5OZI	K4QL	IZ0AEG	KF0QR	SM6DHU
W8UVZ	N3NT	JA2FJP	LA7HJA	SV1FJA
YO5BRZ	RU3FM	JF1PUW	N5TY*	UT7UJ
YU1FW	SL0ZG	JF7XKY	N8RR	W4FC
	SP9DWT	JH8RZJ	NY0V	W8GC
330	SV1RK	JL1RUC	OH2BLD	
DJ2YA	W1ECT	JR3GWZ	SM6DHF	320
DL1AMQ	W2IRT	JS2LHI	SP7VC	AA8CH
EA7TV	W5FKX	K9EU	UA3AB	DM5EE
EI7BA		K9IR	UT9FJ	G0BLB
HB9AMO	327	K9YY	W7AO	I2EOW
I4MKN	AB4IQ	SM4EMO		JA1ANR
IK4BHO	CT1APE	SM6CCO	322	JA3PIS
IK6DLK	CT1IUA	SM6CMU	CT1BH	JO7WXN
JA1ADN	DL2OE	SP1S	CT4NH	K1LD
JA3EMU	EA1YO	W1RM	EA2IA	KQ8M
K3WC	EA5BM	W3LL	F5PAC	UY5ZZ
K4CN	I4EWH	W6RLL	IK4GME	VE3EXY
K4ZYU	JA5WIZ	W9OP	IK8YTA	W3KX
K9CT	JE2LUN		JA4FKX	W5WT
N4JF	JF1WPB	324	JJ2LPV	W6XA
N8JV	JH0INP	DK9KX	K2UO	YV1DIG
N9IW	JI8DGO	DL5DSM	K7NN	
NR1R	K0DEQ	FK8CP	KU0A	319
OK1MP*	KW9A	G0DQS	N4DW	DJ4AX
RA3CQ	N2BJ	G4CCZ	N4NX	DK1FW
SP7GAQ	OE2LCM	I0WDX	OE1WEU	EA8AKN
W3NO	PY2YP	IK5PWQ	OH1LEU	HB0CC
W4UM	RZ3AM	JA2BDR	ON4CD	IK4DRR
	SM2GCQ	JA2DPC	R7DX	JA9TWN
329	SM5CZQ	JJ3PRT	SM5KNV	JI1DHY
GM3POI	SP6M	JR2LJO	UA4CC	JR7VHZ
IT9DAA	YO9HP	JR3OEH	VE1DX	K6AM
IV3JVJ		K5KC	VE3LYC	K9MM
JA2JW	326	K5MC	W5CIA	N4DB
JA7KY	EA5BY	KA9CFD	W5TCX	N4QS
JA7MSQ	JA9APS	KV7K	WI8A	ON4AOI
JH1TWT	JE1SYN	N1NK		RW3RN
K0EU	JF3KON	N4II	321	UA3AP
K1HTV	K5EK	N8BM*	AA4V*	YO3APJ
N5AW	K8PT	OE8HIK	G3TXF	
NI0G	LU2NI	PA3EWP	HB9BIN	318
NO8D	N4PQX	PY5EW	IK2YCW	A45XR
OZ1CTK	N7RT	R3OK	JA0GJJ	AA4HP
R4GM	NK1K	R3VA	JA1XEC	DL6KR
SP6CIK	ON4IQ	RV3LO	JA3AZD	G4PWA
SP8NR	OZ1AXG	VE2TZZ	JH1IFS	JA2IVK
W5XX	R5AJ	W8OI	JH3CUL	JA2JNA
WA1JMP	SP5DIR	W9OL	JH3VNC	JA4EPE

JH1QAX	YS1RR	JA5IU	JG3FEA	NQ1K
JH4JNG	YU3AA	JA7JWF	JH7RXU	R7NW
K2TE		JA7QVI	K8AC	SP9JZU
K4IQJ	315	JF2UPM	KC7V	UR5EDX
K5BG	9H1SP	JG3LGD	LA9AJA	VA5DX
K5DU	AA5AT	JH1NYM	NS6C	VU2NKS
LA2PA	AB6QM	JR1BAS	R5DT	W1YM
LB8DC	DL1DUO	JR1BLX	RA0FF	W2QO
RA7A	G3VKW	JS3CTQ	RL9F	W5ADD
SP1MGM	HA1RB	K0KX	SM2OAN	W6ENZ
SP3CGK	IZ1LBG	K5XI	SP6HEQ	W9MU
UX0FF	JA6VQA	K6KLY	W0YG	WA8WV
YB5QZ	JA8RJE	K8FL	W4BP	
	JA9CWJ	K9US	ZS1LS	307
317	JN3SAC	KG4W		9K2OD
AB3CV	JR2BJE	LA7JO	309	DK2JX
AB9V	K8NVR	N2NL	JA1EOD	F2JD
DJ5FI	N5OK	N4TL	JG4AKL	I5HOR
DK2NG	NN4R	N8KOL	K1AR	IK0XBX
DL5WW	OE3EVA	WD9DZV	K2UU	JA1IOA
HB9HFN	ON4IZ	ZS6EZ	K8QM	JA1WSK
JA2ZL	PY2NQ		K9ZO	JA2XW
K2RW	SV2DGH	312	NN4SS	JA3GN
K6RO	W9RN	AA5AM	NU8Z	JA6WJL
K6YUI	WB0TEV	F3SG	R9TO	JJ3HGJ
KE9L		JA0CRI	RU3DX	K2SHZ
UX1UA	314	JA1SYY	RX3AGD	K9RX
W1GL	CT1DKS	JA1VSL	UA4LY	LU8EKC
W6VX	EA1N	JN1BMX	W2JU	NI6T
WA7NB	EA6VQ	JR6FC	WE9R	OE5RLM
WD0DAN	G3NDC	K1HT	YB1UUN	US5WE
WX4G	IZ8FFA	K3RA		W7DO
	IZ8FWN	N1IBM	308	W7OM
316	JA2AH	N5ORT	A65BR	W9JA
AC4G	JH1AGU	RU3QR	DL2CHN	WA5VGI
DF2UU	JR4OZR	SV1CNS	F4BKV	ZS2DL
DL6CNG	JR9LKE	UT2UB	HB9TKS	
G0OIL	K2LS	W7CT	HK4SAN	306
HK3W	K4SO	W8HW	HL2IFR	DL1KUR
IK2QPR	K5AQ		IK4ADE	DL5EBE
IW1ARB	KB0EO	311	IU7QBB	HB9DDO
JA1XCZ	LA7AFA	CT1FMX	JA1IZZ	HB9DDZ
JA5XAE	MD0CCE	IK0PEA	JA2VQF	I1EIS
JA8EAT	OE1AZS	JA2XYO	JA2WYN	IK4PLW
K1BD	OE1ZL	JA4MRL	JA7IC	JE2LPC
K3WA	SM4DDE	KM4H	JA9GPG	JR2UBS
K4HB	SV1DPI	OE3SGU	JE2EHP	K5WAF
K8YTO	SV1JG	OZ4O	JH1SJN	KD3CQ
KG8P	UA6MF	PY2XU	JK1GOK	R8TX
N5DG	WB8BPU	UR0MC	K0GY	R9FM
SM3VAC		WB9CIF	K0KVR	SP5IWA
SP1JRF	313		K8OM	UN7JX
UA3DPM	5B4MF	310	K9MK	W5AJ
W7MO	CT1GFK	HB9SLO	KI0KB	W5XC
W9ILY	I3BUI	HL4CJG	KN5O	ZL3JT
WA2VYA	IZ2AMW	JA2NDQ	KS1J	
YO7LCB	JA1GRM	JF8QNF	N8TR	

305 AJ6T CU2AP DJ4XA G5LP JA7BWT JE6TSP K0JUH K3XA K9NW N9AU* PA5TT RA9CMO SM3NXS	DL1TRK F5CQ G3SVD JE8CLT K4MS ON6AA RK4FD W4QN WA9PIE WD4LBR	JA7LGE JG0CQK JJ1DWT K9SM KB8VAO N9FN NA5C UA9FAR VE3BW XE2CQ	K8VC LA8PT LU4FPZ N0RB RA3QK SM6BZV SV9COL UA6YW YO2RR	DS1JFY EA3WD G4GIR IW1QN IZ0RVI JA2CXF JA3EOP JH0BQX K4JAF KD0PO N2LM N7IR PY2IQ S55DX WA4FFW
304 DJ9ON DK5AD HB9CEX JA9FAI JE1DXC JN1RQV K7WP K8GI N7US N9RS UY5AA W5VY	301 AC0A AE5E HB9BOI HP2AT JA0DIN JA1LSP JA1SVP JE1LFX JG8FWH K4SE LA5LJA MM0EAX RN3QN UN6T WA3AFS WB5JID	298 5B4AHJ AA4R DL7BA JA4ITW JA5BEN JA7MYQ JL2JVX JR7WFC K2PK K8EUR N4RWG ND0N PY2VA ZL1BYZ	295 AJ9C EC3A JA1BPA JA1FQI JE2DZC JM1FHL K0BBC K1GG K4XD K5ZK N7TY RM0F SM5FUG SP8HKT SV1GYG W5LT W6XK W7AL	292 4Z4DX DL5CW E72A EA5AT G8DX HB9BAT HL2WA HL3GOB IZ3ETU IZ8VYU JA3ENN K5DHY K7ZD KF2DT N8II R6AF W4VIC W6SR WT4Q
303 E72U EA3GHZ G3LZQ HL3IUA 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 K8VFX PA3CSR VU2PTT W3OA W3RJW W6TC W9AJ	297 BA4RF E73Y JA3RQ JE7JDL JJ1TKN K0TPP K3FRK K5VIP K6ND K8WK KG7H KT1J W2GG W6YI W7ZJ	294 AI9L EA6NB HA5VZ HA9PP IK0HFO IT9CVO JA1XPQ JA5SUD JE1GWO JH1BAM JR1DUP K7ZV KD0Q KZ4V N0KV RA1QD RU6L SV3DCX UR5WA W3JX W9FR YO2CMI	291 EA6ET G0EHO HB9RYZ JA1QXC JE3ENP K1DG K4ZO KP2A LA5HE N2TN N7RO N8LJ N8PW PY2KP VE3CFK W7BEM W8TN ZL4TT
302 DJ5JH	299 4X6ZK DM2DXA EW2A HB9RG IK5RUN IZ4MJP JA1JAT	296 AA8OY AD6W CT1DOF EV1R GM0AXY IV3YYK IW0SAF JH4ALY JK1TCV K0KT K3PA K6FW	293 DL1HRN DL1SMA	

290 AA4A AA8R I4KDJ JA1KQX JA3XNH JF1NZW JH3GCN K5RT LA2QM LU3CQ PP1CZ RD3AW S57AT SK3PY SV3AQR UN7LZ UN7TW W1EQ W2LK WB9EEE	IV3GOW JA9NLE JE2OVG JF2WGN K0AZ N3VA R9SA SM5ARL W1VT W4YCH WA6F 286 AB5A CT3HF DL2VPO IK0AGU IZ8XQC JA2FGL JH1BNC K1LPS K1RO K5PS N8SNM VE1JBC W3GQ W6PJ W8AXI W9MJ WN6W 285 CU2DX DL2SWN EA3GHQ EA5KA IK8VRH IZ3ENH IZ8DFO JA0PE JA2IYJ JA2VMU JR8AMF K1USA K6G XO K6PJ KJ6P LA8HGA OE1WHC PE1L W1OPD W9HBH WK7E 284 7K1PTT DL6JZ	EI9FBB GM3PPE GM3YOR JA0DET JA8CJY JG3SKK JH3KAI JH3SIF OE2GEN OH4UI SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ 283 DF2GH JA1RTX JL1XMN K3WW LA0FA N6TA OE8SPW OH1JP OH1ZK ON5UE SA0AQT W1LW W6BJH 282 K1DT K5UO K8ROX PC3T SM4CTI UA0BA W4OX WA3C XE1KK 281 AD5Q CT1FPQ EA5OX F3AT IZ8FDH JA0KJE JA2FCZ JH4HMG JO4CFV K0GD N2WB N5GH OZ1IKY	SM5ENX W0LS W8HC W8KEN 280 CT1EAV JA5FDJ JA6TMU JH1HHC JN7DOS JR6LLN JR7FRW K0TT K4WNW N2JJ PY2DS SM0NJO SM5CZK UT7UV VK3HJ W8LGJ ZS4TX 279 AA6AA HK1MW HL4GAV JA2XCR JA8DNV JE8TGI JF2XGF JH7BKN JK1UNZ KQ4AV VE3DZ W4UCK WB2BIN WO7R WS5W 278 9A4T EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN OZ4VW SM4AZQ VE3CRG W4MAY W8MHW WF2S	277 EU1KY F5PBM F5UJK IZ4DPV JA8EOT JH3FHQ K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM W1KSZ W1YRC W2PP W3BW W8RLS 276 DK3WW HB9LCW IZ5BAM JA7FWR JA7LMZ JA8UIV LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1ZT W2OIB W5GO 275 AB4SF DS5ACV JE1BMJ JG1OGM JI3CJP K1CA N6PSE N7KA NF1G OE3HWC PA7RA W7MEM WA0MHJ WA0RVK XE1MEX 274 7M4AOE
289 DL9TJ I1FQH JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M LA3MHA PU2POP R0FA VE3EK W9YSX				
288 CT3MD JA2JRG LZ2JE N4LR N5LZ N6UK UA3AGW W1YIF W2LE W2NO W3FOX W8AV ZS1A ZS2EZ				
287 9M6YBG AA8LL				

EI6FR	PA0ZH	268	K0DD	NK4L
EI8IU	SV1ACK	DL9FCY	K2CBI	NX0I
EW1KP	W2OO	HB9BUN	N5KM	OH2IS
IW0HOU	W3AP	JA1IAZ	N9JV	W5ZG
JA8ZO	WA1S	JA1NWD	SP6JIU	W6NWS
JH1IAQ	WL7E	JH2VVH	VE3SKX	W7LGG
JM1GHT		K5VWW	W2XI	W7QDM
K3PT	271	K6BV	W6TMD	W9PZT
K6UM	4X1RU	KD4W		WA3GFM
K8DV	IK2DZN	N2AJ	264	WB8ART
KA8SYV	IZ8EJB	N5JB	4Z1UF	YB2DX
KA8ZPE	JH1OCC	SM6BGG	EA1KP	
KS3F	JM1HJG	W0JM	F6DBX	261
NA5DX	K2SN	W2FV	HB9DHG	7K1CPT
RA5BM	K3PU	W9OO	IK4AUY	DK3PZ
SV9AHZ	LA9GX	WA1YTW	IS0AFM	EA3EQT
UA3ECJ	N4UOZ		IZ0NRG	IZ8IEV
W3ACO	N7XR	267	JA7HRM	JA3FHL
	NN4X	DL4DW	JF2WXS	JE2UFF
273	UA3TT	HB9MFM	JR3UIC	JH2PWY
CT1BWU	VE3YF	IV3VBM	JR4LNG	K2FW
DH2PC	W1MK	JA2QXP	K8RRT	K7LJ
JA1KPH		JA6QHQ	N1EN	KM1D
JA2TBS	270	JA7BEW	N1GC	LA5SJA
JA6BEE	AA4FL	K7XB	N8OC	N9UA
JA6GPR	BA4MY	K9FN	PA7TWO	OM8FR
JM2RUV	DK8MCT	N7BT	SV1CQN	SM7CQY
K4RG	EA1KY	SM5BMB	VE6AX	WA5LFD
K6IPM	F6HLC	W6DR	W5PF	ZS6WB
KA1ERL	F9XL	W6RS	WV4TN	
KI5BLU	G4XEE			260
LB2TB	IW7DVM	266	263	AA9A
N4IG	K0BJ	IK0UTM	DK4TP	EA8MT
N4JQQ	K2KA	JA3BXF	EA3CJ	EA9IE
N4QQ	K7UA	K8AJS	EA4DL	EC1AIJ
OZ1ACB	K9JF	N1API	HA7UW	FG5FR
RW7M	N6RV	NU1B	JA7XBG	JA2FBC
VK3BDX	SM7IUN	PZ5RA	K1KO	JA3VPA
W4HG	VE6LB	RA4CA	K4KAY	JH3FUK
W8QZA/QRP		SV1HEP	K8FH	JH4ADK
	269	W0FLS	KN6KI	JJ2WOC
272	HB9IQB	W7Yaq	N1RR	K1ESE
AF9H	IK7FPV	W8MET	NA5Q	K8YSE
I5OYY	IK8EPC	WB2GAI	W0GG	LY1G
IK5PWN	JA1OVF	WB3LHD	WA4LOX	N1SV
JF1LMB	JA1VLK	WQ6Q	ZS6NJ	N6MZ
JH1OBS	JA4VLK			NT5V
K1UU	JP1NWZ	265	262	PY5IP
K7EG	K6EME	4F2KWT	CU3EJ	SK7AX
K8BL	KR0P	G3UAS	I5REA	SP6A
K9MBQ	NW7E	G3WPH	JA8BAR	TG9NX
KB1EFS	OM4EX	JA1VRU	JK1VXE	WS9V
KI4GE	SM5FWW	JA3WLN	K8AV	WV8DX
N2DPF	W5DM	JA4FM	LA6UL	
N5BO	YB1AR	JE2RDO	LA9FFA	259
NV9L		JH1ACA	N0RN	CT3KN
OE5FIN		JR1WCT	N3RC	DJ8NT

DL9GTB	K6EID	252	JL1MWI	247
EW1BA	M0TTB	DL7UPN	JR0EQQ	AA7G
HL3DE	VK3NX	F1ICS	JR5JAQ	CT1FUH
JA8BNP	W6DE	G3KWK	K1KA	K1PL
K2UFM	W8JRK	G3NKC	K9YC	K3VAT
NI3P	WB7B	G3SBP	K9ZM	KH6M
PY5CC	WV9L	HL2KV	KA9UVY	KZ5DX
SV1FKZ		JA1BNW	KQ3F	N7DED
VK4CAG	255	JA4HAW	N6KZ	NA9RB
W1KDA	AI6Z	JF3PNQ	PA0JSE	OZ7FOC
W7AH	EA5RD	JF6XQJ	PY2FN	S51NM
	F6ECI	JH4CBM	W7IU	VU2CDP
258	HC1BI	JL1BYZ	YL2KF	W7IB
CU3EQ	IV3TMM	JR1VAY		W9JJB
DK7YY	JK1OPL	K1EFI	249	
E21EIC	K1FEV	K5FZ	AA9RR	246
HI8R	KR4F	KB9DAK	AC9EM	GW4TSG
HL3AMO	N1RK	OH7TV	AF5CC	IV3KFB
JA9AGN	N6PM	W2GW	HL2CFY	JH1UBK
JJ1BMB	VR2XMT	W2TB	IZ8GGF	JK1WSH
KH2L	VU2CPL	W2ZI	JA8FFM	JR7GBL
US0YA	W2/CT1GIF	W7CA	JH1APK	KB6CIO
W1SSN		W9FI	JH8GEU	W1KMA
W5JAY	254	WA4CEM	JJ1QUV	W3ICM
W9EWZ	BA7IO	WA4JQS	K9NR	W5ZO
ZL2IFB	CT1BWW	WV6E	KF7F	
	HB9EFK		N3KN	245
257	IZ5YHD	251	OZ5NJ	AJ8MH
6K5YIA	JH1VUO	9A4W	SM4OLL	G3KMQ
AF4HX	K0GW	DL2RTL	UN3GX	HB9DVO
DJ0UT	K3SEW	JA1DDZ	VE3YV	HB9JOE
EA1JO	KI1U	JA1EMQ	W0RX	JA3QOS
EA7SG	LA5YJ	JA1SKE	W6JZ	JF1WLK
EB3CW	NE8P	JA5BGA	W8IQ	JJ6DGP
HA5PT	UA3O	JE1VTZ	W9RC	JL3OUW
IK2PZC	W7HPW	JH1DGJ	WB8K	K5IB
JA6OXT	WB4KTF	K4VIG	XE2D	KF7PG
JE1PNX		K8CW	XE2X	N0AH
K1SM	253	KG9Z		N2NW
N6HC	AC9O	KJ7TEA	248	NZ3O
PY2MC	FG4NO	N4SC	AK5X	OE3KLU
RU1AB	HL2EIZ	N5UL	DS5DNO	S55ZZ
SV1VS	JA6IVR	NV4B	EI2HY	YB0NFL
W3FI	JA8XQI	SM5FQQ	G3VPW	
W8MJ	JE1HRC	W2JLK	G4FKA	244
	K6MKF	W3ABT	HB9DOT	HL5BMX
256	KE1F	W4SK	I0JBL	IK8UHA
BH4QYX	KM6HB	W5GAI	JA1PBV	JA1CZI
DH0GSU	NH6T/W4	W8OP	JE2VLG	Ji6IHG
EC1A	UA0FO		JJ1SKG	JN1NBU
F4GVO	W6RW	250	K3EA	K0KG
FG8OJ	W8CZN	EA1RT	KF9UG	K1XV
GU0SUP	W8GNM	EA4DEI	N4QWZ	K1YR
IK4HPU	WF4U	HA7TM	N4XP	KK1W
JF2VAX	YB0COU	HB9EBM	SV1IW	VE7TK
JH1RGG		JH3GFA	VU24DX	W0QQ
K4JJW		JH6PFY	W8IW	W4REX

W5PJR
W9DX
WA2USA
WA3F
WA8MCD
WC3W

243
DS5TOS
G4XRV
JA2EPW
JE0ART
JF2OZH
JS6TWW
K8ME
W1BR
W4PNY
WB8CQV
WX2U

242
EI9FVB
JA4ZA
JH1ERJ
JH1WJR
JR1MLU
K3NQ
K3WWT
K4PB
K7FEL
KJ7M
LU6ETB
N2NS
N4XYZ
N6HY
NF4A
PA3BWD
RC2A
SV8CKM

241
AB5C
G8AJM
JA1MZL
JA6AVT
JP1IOF
K4KGG
K7KB
KV1E
N4OA
N9SF
VU2DCC
W5DNT
W5QM
W6AER
W8FIB
XE1RBV

240
G7SSE
IW3GJF
JA1DM*
JA2FSM
JA3NHL
K4QE
K9JU
KE8UM
KF0LA
N0ABA
N4HID
PY2GG
SM0LGO
SP5LKJ
UX5UO
W0SZ
W8WEJ
W9LN

239
AG1A
DJ9RR
DL8SDC
EA5B
IZ1JMN
IZ2FOS
JA6CBG
JA7KE
JA9NFO
K2XF
K8YYY
N8SHZ
WA6JA

238
IK2GAJ
JA0LXP
JF0JYR
K0VSH
K2TER
K9GA
K9OR
KA4RRU
M0CSD
N4PJ
N5ZC
N9PGG
SV8DOU
W3MR
W4KA
W5LO
WA4QMQ
WB0TVY
ZL4AS

237
CT1BOY
G0VXE
HB9CXZ
JH1DGQ
JR0QFA
K1RV
K2NV
KX2A
LB5WB
SM0MPV
UN9L
W8UN
WA0ROI
WB8B
WB8ZRL
YO3JF

236
HB9DQV
HB9ZS
IK2DUW
JA1HOM
JA1JYE
JA3KNN
JN1NOP
K1ACL
K2RU
KK9H
KM3J
KS4S
N4GN
N6IE
OE2BZL
PA0TCA
W0HBH
W2YR
W4GIW
WA1PMA
WY6N
YB2TX

235
EA7QW
EU1U
JA0KJD
JE1IBI
K0EOO
K4YJ
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NJ7G
NW4M
TA1CM

W2DXE
W7YW

234
DF7EE
DK2CC
HB9BYQ
HS1NGR
IK0LNN
JA2OLJ
JE2EBT
JH5HDA
JK1BSM
JR4LZX
K0VM
K4JC
K4MF
K6ZZ
KE5FXE
ND4V
W3WST
W9MO
WA5UA

233
AA9GR
AJ4A
DS3HWS
EA5AR
JH1SOD
K8BN
K8EAB
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF
WE4S

232
DL8DWL
EW4C
G3XLF
HB9BNQ
HL2ZN
JH0OXS
JH6DUL
JR3VMJ
K4ST
K5FNQ
KB1DMX
N3PS
N9JR
NY1V
NY2NY

RQ3A
W6CYX
W9ZCL

231
AD5WB
DK6OR
IK1IYU
JH0AWC
KD6UO
LZ2XF
N8HRZ
NA4EA
SM7NDX
W4UDH

230
AH0U
G3LUW
JA5NPV
JH7WQX
JI1VVB
K2SY
K5CD
KC9K
N4TOL
W2KA
W8WVM
W9YE
WB2NPY
WC2K

229
AA3LX
AE0P
DS4GKF
HB9HVG
JA2VHO
JA7QQQ
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N4NW
NE6I
UR5FEO
W1WC
YB1TJ

228
7J1ADJ
AA0MZ
F1RAF
F5LIW
JA1OVD
JE2KSM

JF1RYU	JJ1JMZ	222	IK5QPS	NC4RB
KE0A	K0OK	AK5Q	JA1FJJ	PS8ACL
KE4UW	K1JIU	DJ9SO	K5JZ	W0SR
KE6V	K3SF	DL5XL	KG6I	W5VQ
KV4AA	K4JWA	E77S	KI7AO	WB3D
RA3QUA	K5YU	IZ7AUH	KR2Q	WS1L
VR2CH	MU0FAL	JM1VRW	KR6C	
	N0ODK	K2AT	KX4TT	215
227	NA2AA	KB5UNX	N1KC	9H1EJ
DF8FT	W0FG	KS4YT	N6DX	AA7XT
DL2RUM	W5GZ	RA4P	W6GRV	HB9IIO
HB9HIT	W5TFW	VE7BV	WA3I	IZ0BVU
I0MWI	W8UV	W5GA	WW8W	JT1BV
JA0DWY	W9KVR	W5THT		K1ZJA
JK1SQI	WE1P	W5UQ	218	KF4NEF
K0IL	YO9FNP		DL2NOM	KO6KD
K1GE		221	DL4NBE	N8NN
K5GH	224	EA2AAZ	G4VMX	RN9N
KU8X	JA8NFV	EA2AFV	HL5OC	W0TT
N1NU	JH1OGT	EA2AGV	I7PXV	W1JGS
N6OJ	JJ2KDZ	IZ1JLG	K5ALQ	W4IS
NA9Q	JO1LVZ	J11NJC	KE3D	W6SL
SM7WVZ	K1CBK	K1NJ	N4JT	WA6HBR
SP7ICE	N3RW	K4CGY	TZ4AM	ZL2AL
W4DEE	N7WO	K4MV	W3BJ	
W5RF	RW4CY	K5DV	WA2NPD	214
W5SL	SM7BHH	K5ZQ	WB8BZK	3A2MW
WA9GON	SP6AXW	KU4XO		DJ3AS
YE4FNN	V51B	RU0SN	217	HB9VAB
	W7NN	W0BM	IK0CHU	JA7DPC
226	W8LMG	WA0WWW	JA2NNF	K0QQ
DM2RM	WB7BBQ	WB0N	JA7ZP	K2AZ
I0OSI	WN6K		JG5RVQ	K3SX
JH1IED	ZS2Y	220	JH8UQJ	N6PEQ
JQ1YIW		AA6RR	K1RH	N9KW
K2BA	223	AD7L	KK2M	PY2RO
K2HAT	AB4UF	DL4LAM	KU4BP	W0KCJ
K2SD	AF2C	EA5DFV	N6QI	W4WN
KK0DX	EA7DUD	IT9ODQ	ND3L	WB6BFG
KK4OK	HB9HBZ	K1DJ	OZ0J	WY1G
N2KX	I8MTQ	K1NTR	W0TM	
N2SQW	IK0WRB	K1TZQ	YO3IPR	213
N5ET	IK2RZP	K4EU		9A1AD
N6BM	IW9DNI	K4MIJ	216	AG3V
N9AOL	IZ8MBW	K5MT	AC4VM	DK3UA
NG7M	JP1GUW	K6MM	CX2CC	IV3FFI
W7HR	JR0AMD	K7AWB	DJ3XG	JA0LFV
WB0O	K0NV	K9WX	I1YDT	JA1FVS
	K6IPV	KV4T	I5XFD	JE4RAL
225	K9TF	KZ9DX	IT9AAI	JG1JPE
DK5RL	KD2T	ON4ATW	K5VR	JG3RWX
DS4AOW	KI6CG	SM0DSF	K7LV	JR1EFG
EU1M	KW4V	UR4IOR	KK4OW	KD4SN
JA0EVI	LU4FW		KR4W	N8GP
JA4CZM	N4ENE	219	LB6KC	NA2M*
JF1MTV	WC4H	AA8SW	N4SV	SM7GIB
JH8NQV	YL2TW	F5JSD	N7WS	VK3FM

W1LE	WB0ULX	K8NK	K9OW	K4VNY
212	208	KK5OQ	KA1DJ	KI4WCQ
G4ZOY	7N3IJT	KK9T	KM7R	MU0GSY
JA1BWA	DL4FAP	KW4CQ	N4TV	N2RR
JA3LDH	HP2NG	N7NF	N6PAT	NC2Y
JP1LRT	JH0NOS	N8BJQ	W1DYJ	ON6KE
JR2PZX	K0THN	NJ1H	W3BNN	PB9FN
N4FN	K4WES	NN5E	WA3FRP	V51YJ
SM5AOG	K5RJ	W7IUO		W9RXJ
VK5GR	K9SG	WA3WZR	202	WB4YDL
W5DAW	KC2SST	WI7P	BV1EK	
WW2DX	KK8MM		IK5BOH/2	198
	KZ1W	205	JR1IZM	AG7N
211	N6ZN	AC9S	N8WD	DJ0MCH
JJ1KZZ	NW6S	DL6UNF	W3NS	F4WDL
JO4JDU	NW7US	GM0VRP	W4RDX	IT9IPQ
JR1JGA	PY2RN	IK3GBG	W7TUS	IV3BSF
KT2C	W1FA	JA4DHN	W7VY	JM1ESG
M0HIH	W5FPT	JA7JM	WE2N	K7PT
N1BY	WA6G	JA7MNF		KA1J
N2ZA	ZS1J	JO3WHB	201	N3ND
VR2XLN		K4YYL	GI4OWA	RA3BL
W6UC	207	KT4AC	IZ0CKJ	VK6OZ
W6WF	9K2BM	KW1DX	JA2MNB	W3ML
WA9BZW	DG5LAC	N2KI	K0MFI	W6SHY
	JA7MAD	OH3OJ	N4PYI	WA2VQV
210	JE3EDJ	WA4MME	OH2LHE	WB4DNL
AA4LR	K3DFL	WA9DU	PP7LL	XE1FAS
CU3AN	K6ZP	XE1J*	RT5A	YV5LI
JA7FAS	KE1VT	204	W1OP	
JE1PHH	LA6OP	JA0CIU	W6AEA	197
JH6RTO	M0IKW	JF1KML		4X4MF
KD8RQE	N9AKR	JL1GYZ	200	BA4TB
N4TD	NN9X	JM1SZY	HB9AGO	EA1DLU
N8BK	OE1JIS	KB5HC	HB9FBG	EA5HM
NU1O	ON4ANN	KM9E	IZ5FSA	IV3AVQ
PY2WC	RD9M	N7ELL	IZ8EKL	K6TAR
S54A	TF3DC	VU2IBI	JA3EY	K8SIA
W5WP	VK2CA	W4GP	K3NF	KD1AB
W7FP	W1AW	W7IV	KC6JAM	W2CQ
W9IL	W1MJB	XE1L	KM4VI	W4DAO
WK8A	W4GE		N1IA	W4HZ
YB0DJ	W6KK	203	N4HN	WF8R
	W9QO	7L2QAD	PY3VB	WQ5R
209	YB0MWM	DF3EC	VK6LC	XE1H
K0LB		F5NBX	ZS1DX	
KB2FCV	206	IK2RGT		196
KB4MRX	AG5W	IZ0BTV	199	AA4UC
KL7TC	CT1HHP	JA7JPZ	AA3TH	CT3CD
KO8SCA	HB9CRV	JH8NBJ	AC0X	DF2UA
N9XX	IZ0GYP	K0CS	AD4AA	G1VDP
PU1KGG	IZ4DIW	K1VI	DL5EBS	HB9ESS
SM5BNK	JA4DNC	K2CYS	HI3T	I7LGM
W6DCK	JA6ENL	K4GO	JH0RVY	I8YAV
W8BLA	JF1IRW	K4JKB	JI1WLL	JA1XRA
W8HMK	JH1FVE	K8YE	JR7ILA	K1JD
			K4SX	N2GZ

N3QE	WB6CJT	SM0BYD	KC6X	182
NA9A		VA3OKG	N5QS	I5FLN
SP3F	192	W9ROG	VE3NJC	I8LWL
SP5MXZ	F6FYD	WA8LRW	W2NY	IU8IYE
W5AAJ	IZ7GIT	WB4GLI	W8RV	JA6SQR
W6HYI	K6XN		WA5IPS	J11CQA
WB5NHL	KJ4UZU	189	WB9W	K5DCW
	KJ4YLO	I0LYO	WZ4RC	K7LAZ
195	N6DHz	IV3KCB		KG4JSZ
CT1ELF	UR3EO	JA1SGU	185	KS0JD
K4KEW	VA2IG	JG1SWM	AD0K	LA5LT
KE4S	WQ5T	K3HW	IU0ICA	N8NA
KF9AF	XE1EE	K6UXO	IZ2EWR	N8NB
KL0S	YB1TQL	KY5I	JA3UOQ	NZ5O
N3XM		N2MEE	JK7LXU	TF3JB
NA6MG	191	N6NU	K0KP	VU3CAU
NN2D	AA4NC	RM3DA	K3PP	W6SFK
OH6NIO	G4DDL	RN3CT	K9AQ	W7WZ
SQ7FPH	HA5CW	SM4BZH	KE5BR	
VE3YXO	JH1FNU	W4AEJ	KQ4EE	181
W3SB	JK1AJX	W5SUM	OZ3SM	EI3CTB
	K1RI	W6DPD	UN7BK	IZ4AIB
194	K5TN	YB4CHP	VA7ZT	JA1SZN
A65BD	K8QKY		W0QC	KY6R
EA1WH	KF2OG	188	W2WG	N1HO
EA5ZR	N4DWK	EA7AN	W6RKC	N6VS
JK1DDG	N7MQ	JA0GCI	WA6EZV	N8AYY
K1LT	NK7C	JH7NTW	WV2I	NM1G
KP3AH	NO0B	JS6SCC		NV4A
KR8T	OV5O	K2AX	184	UA9AEU
NJ3K	OZ7DN	K2DC	AD6ZJ	W6TK
SP6EIY	VK2HV	N2ZZ	EA5RU	
VU2LBW	W5IP	N7VPN	EI1DG	180
W2OR	W8UQ	OZ9XU	IK0HBN	A61BK
W4DC	WF1H	W0PE	K3JM	AA4AK
W5UHQ	WI8R	WV4V	N5FEE	DK1NAL
W7PAQ		YO2DFA	NW7M	JH1IZR
WA1NXC	190		SM2EJE	K8SL
XE1R	4X6KJ	187	UT7KF	NA5S
	AA4U	AF6PK	W0MS	TF3VS
193	AE4M	IK8GJR	W6BK	VR2XYL
7L4VYK	AG5CN	K0KV	WB2HJV	W4DSM
AE4CW	DJ9KV	KM4NS	WB3BFC	WC0W
DH3KM	EC7B	LA4JGA	WB5STU	
I4UUL	F4DSE	N6VNI	WX0Z	179
IZ5MOQ	G3WW	UN7BY	YB1RUS	DL5MHQ
JA0AXV	HL4CCM	W2CG		IK1ZNM
JA1QIW	JA2ITK	W5BK	183	JA1BON
JA3PRM	JA3AVO	W5ZE	JA2KSP	JA3EEM
KM1C	JH8KFE	XE1YD	JA3UNA	JH1XFR
LZ2ZG	J12UDK		JE4CIL	JK1JAS
N3AIU	K5RKS	186	K6LRN	JR3ADB
NU4B	K7UT	JA7FVA	LA7EIA	K0PX
PY8WW	K8ZT/QRP	K1BZ	N4MIK	K4OY
SM5ELV	KD0AA	K5EWS	NA2U	K4WZ
SP5IXS	N6MXU	K5QX	YB2TS	K9GWH
W8NN	OT1A	K6EGF		KB7AK

KE5TD	KK7YC	N9IO	K7CU	KB8NTY
KJ6NZ	KT8D	NA6O	LA2GH	KE3X
KZ2R	KW9U	NC7B	LB7ZG	KH6XT
N3KV	N1JP	NX2X	N3WD	N1ZJ
SP5ELW	OH3PYY	SM0EUI	N4VN	N4PL
VU2MSA	VE1VOX	W2PD	N6EM	N8JS
W0UC	W4LEW	W4DTA	N8VV	N8OQ
W0ZS	W9WO	W7VAS	NJ6W	PT2ADM
W1HS	WA3GNW	WA7BNG	NX4TT	PY2SEX
W4CCS	WD4IXD	WY7FD	VE1OP	WA0SXV
W4GHW			VE2YG	WA5NFC
W4TUN	175	172	W0OGH	
W5JMW	EA6UE	G6MXL	W4PGM	166
W8QXR	IW1PUR	K5TA	WA4USA	AL7R
	JE3PCP	KD3HN	YO4AUL	DL1SVA
178	K1ROA	KM4HQE		GM7NZI
AA8KY	K4WY	LZ1XL	169	HL4XM
EA8AXT	KD4POJ	N3AO	DM3CW	JA0NZR
GM4KHE	KF6HI	N5PA	JA1KXT	JG3KMT
IW0BYL	KN7D	N6VH	JN4FNZ	JR6GHN
JA1ERB	N7NG	N7GCO	K8ZZU	K0FLY
K1ZE	NS3L	SP5ES	K9OT	KN4FO
K3VAR	UA1OM	W1ASB	KI2D	KR4BD
KL7TS	UA9AGX	YB4IR	N4BAF	SP7QHR
KU1T	YB1RKT		N4MI	SV2CLJ
N4ST		171	N5MT	VA7DX
NG9J	174	AA5N	N6MB	W4PGC
OZ1HPS	AG4Q	AD3C	RD3BD	W8SAX
W7HUY	DL5KUA	CT2GZE	SV1IZY	WA1ZIC
WB6AXD	JE4KCN	DL5MM	WA6QGH	WA5NOM
	JL6USD	F9CI	WB8EKG	WB3JFS
177	JR3TOE	JJ1BDX		YO3AIS
4X6UU	K1XE	JQ1PCX	168	ZL3RJ
IW8CGX	K5CR	JS6QOM	A92IO	ZS6IR
JF1LZQ	K7STO	K2TV	AB4GE	
JG3KLF	K9HQM	K4NTO	EW1P	165
K2JL	K9UQN	KB0V	IK1UGX	AG6HE
K2MK	KN7Y	KC5LK	JA0PZJ	CU3HN
K3OX	N7NW	KP4DKE	JA1PVX	EI5JL
KF4VTT	W5WI	KW4J	JA4FKO	HK3PJ
SM5CBM	W6FL	N8WRL	JH1ORA	HL1VAU
SP9IZV	WA4BIM	ON6MX	JH3EQP	IK0XIH
VK2AAH	WA4NUF	W0MU	K0PC	JE4WOK
W0IKD	WB8QZM	WA4DOU	K0RAR	JR1KBJ
W0JW		WA5KBH	KF0RQ	JR6LDE
W1AO	173		LU8ADX	K3VPZ
W4KVS	AB6CF	170	LX1CW	KF9LI
WD8KND	AI9U	AC0DQ	OE1ALW	KG4CUY
	DM6MA	DL2JIM	R4FAN	KG5NP
176	HB9DVZ	EA3HDZ	SV1XV	LA2XPA
DL6NW	K6UNE	EI5KO	VR2MY	N1QY
F4FLF	K8JE	EI6AL	WA9IVH	N2RJ
G4AYU	KI6MQX	JA1GVT		N3KS
JH8FIH	LA9VBA	JG1GJH	167	PT2ND
JR1FHP	N7HN	JG1RYQ	JA8BOV	RA0BA
K2RET	N9ATF	JK1BIB	JE3FOR	RL3BZ
K7CTV	N9DR	K6JJ	KA5JSM	VK3TC

W2FS W4CIR WB2WPM WB9PNU WC4X	XE2YWH YO3DDZ	159 AA3AZ CT1ESO DD0VE DK8IZ EA1P IK0WMJ JA0ED JG1WNO JH1BHW K0IO K1EDG K8EB KM2O LA8ZAA N1MD N4GBK N4VG NE5S NF7D OH3DP VA3NXM W1EBM WD5BJT XE1MW	JH2NWP K9UO N4QM N9AZZ N9MB NJ6K NZ3M PY1NS W3HKK	HB9ARK JA0GZZ JA1IHD JA4HXF JA8ANQ JE6PJP JH1AQN JR3QHJ KC1ERO KC4DM KJ2U KL7NW NE5W VE3FAC W5TMC W8TM WA9MAG WN7J
164 AC4BT CT3DL DL7JRD EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY N2XQM N7WI NA2P PT7DX S50B W6SIY W9CSX	162 4F1OZ AB1J BH4IGO DJ7JC DS3EXX HS8KAY JR4CZM K0SRL KC4HN NP3CW W4NBS W8FN	158 9J2BS G4SGX IK3DVY IW0ECV JJ1KXB K4HQB K5DXR K8GWU KB2XJ KC3AK KF7NN KJ7NO N0SL N4XMX N6MM* N8TFD W0JMP W8LIG WB2RAJ WB9ZNZ WT2P	156 EA3HPX G4FTC G8BCG GM3WIL HB9HHH IZ0FUW JA1CCG JA2ODB JA9RT JF2RSF JH2AJY JL3DGI JM1LPN KA9OKH N5QZ N7RD NK7Z PY2CP W1MR	153 HB9BEM I4JEE JR0GXA JR7MAZ K0YL K3GO K8ROK K9MMS K9UWY K9YZ KK4XL LA2IR M0MCV N0VVV OH3FVP SP5NON W3DIY W8OM W8VK WB4SON
163 4O3A AA4OC AD5MD AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN K4SAF K9QJ KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC W1OK W1XV W8MIL WB9B	161 HB9GWJ HB9MYJ HL3ERJ JP7FSO K2HT K2OP K4AR KM4A N7JB N7QT N7VZ NA6XX OK2ZDL SM3PHM W5RDW W6DOE W9GG	157 AB2E E20YLM EI2JD JA1UBZ JA3MHA JE3OUW JG1XBM	155 5P5Q DK3QM F6KOP G0THF IV3TDM IZ4IRO JA0EBV JA6SUY K2DF K4EZY K4WM M0IFT N8IK NH6L NO9E NU1T OE1HHB UT7EC W5SV YB1AYO	152 AC6BW AK9B BX5AA DF2WF DU1KT G4AFJ IK5BSC K2EK K4RDU KB1HY KD2OV KE9S N9GKE ON4LG R9JX
160 E70T JA1ITJ JA1UOA JF3VEC JG2LGM JK1EBA JK1NPH JM1JZN JR1CAD K7LY N0IW N4MEC N5WA N8IL NI5F W1TO W9FF YO8CRU ZS6RJ				

W6RFF
W7JET
YV4DYJ

151

DF1IR
DL4KUG
J68HZ
JA2BUR
JE1COB
JI3BFC
K1IG
K1QN
K3GW
K4DET
K7LAY
K9AAA
KE4BKL
KE8G
KK4CLY
N7MB
NU4I
SM0NUE
VA3EJN
VA3HP
W3HER
W5WLA
W6WA
WA9JWL
WC2C

150

DK3BK
DK3FB
DL9SAD
EI5GM
IT9ABN
IW7EDZ
IZ2MHT
JA7GZM
JR7XOD
K5HK
K8WHA
K9RT
KI7M
KX5U
N0TK
N6JOJ
NJ1Q
NM4SH
NZ6N
ON6ZV
SM0BSO
VU2NXM
W3KB
W4IDX
W4NE

WL7OU
ZS1C

149

7N2JZT
DS4DRE
ER0FEO
JA0JPD
K2KIB
K4TXJ
K9EXY
KD4EE
KM2E
KP4DS
N0STL
NE0U
NU4Y
NZ0O
RT0F
TF3Y
UA9MC
W1DAR
W4DWS
W4MA
WA1EHK
WF7T

148

4F3BZ
A71AM
AE0MO
AI6P
F5NNN
IW5EIJ
JF2AIJ
JR3PKO
K5LY
KA3GWD
KB8ZUN
LZ1MDU
N7TM
VE6TL
W4AFB
W4AG
W8VI
W9GM
W9MAK

147

AB9KZ
EI7GY
G3VQO
IS0/YO3RA
JJ0LZQ
JK1OTP
K3GGN
K5UZ

K8MRT
KB9LIE
SV8RX
VR2VGM
W3NRJ
WB8TGY

146

AE5B
DM5JBN
EA4D
HP3TA
JA3KWZ
K6NR
K8ARY
K8POM
KB9AIT
KM8AM
N6FS
N6RK
N9MR*
N9XG
SM3DXC
TF4M
VE3NKS
W3IZ
WA2MUA
WA3SKQ
WW8RT
WY9V
XE2B
YB1BML
ZS6UT

145

5T5PA
AA5TL
AC7JM
AL7TC
DL1MEV
EA4S
EA7LS
F1OBJ
JH1CTV
JJ1OKK
K5FXB
KO4DKI
KQ5M
KS0M
N6KK
NS4X
W3DQS
W7NP
WR7Q

144

AD0TR

DL6DCD
GM0VIT
JR1HYA
K1TKL
K7QBO
K8OS
KS8W
N5PD
N5UE
RN0C
TF5B
UY2UZ
W0AIH*
WX2CX
WX3P

143

AA4MM
AF3X
DB4RG
EI7JZ
FM5DN
HB9AAA
JA1MOD
K2OO
K6LPO
K7YMG
K9BQL
K9MQ
KE4FW
KG6D
KJ4R
KN7K
LB2TG
N2YBB
N4UP
N7ZA
TG9AJR
W4JVN
W4UFO
W7VS
WY0V

142

AA4DD
IU4BJC
JA1PUK
JI1UHZ
K2CJ
K3GT
KA6BIM
KE7BMG
KV7N
LA1J
W8WV

141

7K3QPL
9H1AE
EA1T
EI3ISB
HB9EXQ
IZ3XEF
K2JK
K4RM
K5VG
K8RCT
K9AAN
KA5SYP
KA5VFU
N5JED
N5JEY
SV2JU
W1ITU
W1NA
W5GOL
W6HDG
W7KKC
WK9U

140

AD9DX
EI6JK
K0UBR
K3HPA
K4AU
K5GZR
K6EV
K6GCN
K7VC
LA8PDA
LZ2HM
N2TC
N7TW
NR0Q
NS0D
W5VU
W9BS
WB1ASL
WW6G
YB3MM

139

F5VML
F6FHZ
HB9DTE
HL4CBX
K0QB
K2IRM
K2WJ
K9TRV
KX4I
N0CKC

N2SG	WA5YOM	K7FL	JA9KRO	YO8PS
N5RN	WG0G	K7RAN	JF2OHQ	
N7UJJ	WS1F	K7YZO	K4BNF	129
PY2OP	YB2IQ	K9JDP	K5SES	AD6KQ
R9MJ		K9SUH	KD3UY	AE7U
TA1PB*	136	KA9JCP	KG8OU	DS4EJA
ZL3TE	AC9GK	KD2SC	KI7HO	DS4OMS
	G0OSK	KF5WCP	KK5ID	JA0AVS
138	IS0EBO	KN4OK	M3DFW	JA1PLT
AC5AA	KB8KIM	LB5GI	N3TR	JA2ACI
DL5KUT	NT5EE	N1AH	N4EDT	JA3WMS
DL5ZB	NT9F	N6XT	N4QOG	JH1RFM
DS3EXT	ON5GF	NC6RJ	NN3V	JN1SUT
G0FWX	ON5RKN	PA0QRB	ON6YH	K7ORK
JA0CVC	VE3FRR	SM3WMU	SM7DXQ	KB4KBS
JA1VRY	W0ANZ	SP2LLP	UW7UA	N9AVC
K2YSY	W4GH	W2KNG	W3KHZ	SM2YIP
K6CW	W4PV	W4UAT	W4MC	VK5CE
K9BO	W7SX	XE2AD	W5FL	W4BH
KC9G	WX2K		WA1HXX	W7TG
KF6A		133	WA1KXV	WU7X
KU9S	135	7J1ABD	ZS1EL	XE1ILI
N0LD	AA5H	DG1SGW		
N3PV	AB4FH	DL8OH	131	128
N9BVA	DL6WM	G4NBS	EA3NG	A71XX
OD5YA	GM5YTT	GM1BSG	JH1IYY	EA1AHA
OE6BME	HZ1GW	HB0WR	JK8VMB	EI3IO
PV8ABC	JA1DCK	HK4EB	JM1CMA	F4GTB
V31CQ	JA3MIO	JA5IBP	K0ARM	HL2DBP
VE3MSC	JA7MWC	JM1JIV	K7GA	JA6NQT
W0UHL	JJ1HLL	K6ME	KA5IAU	JH1AWJ
W4EJG	JL2ULM	KC2STA	KD2NF	JH4GXE
WA1LAD	K3WGR	KG6WIK	KN4WOJ	K6OJ
WA5POK	K4OP	KI4TZ	N0AKC	K7PTC
	KC3RKW	KR4DA	NG4DX	K9YKL
137	KC9WPS	LA9KY	NN6K	KC2WUF
DL2RD	NX8Y	N1BKB	W2FDM	KD0KZE
G3PSM	S53MJ	N5EI	W5EC	KD5R
HL1MKT	W3UNX	OH4KRN		KK7BR
IZ0FYW	W5IO	OH7HM	130	LU6XQB
JH1SBE	W7QHE	VU2ABS	AA4QE	N0JR
K2CDJ	WA7HR	W1GY	DL1SWN	R3BB
K2RKJ	WB1DX	W3MF	JA2LMY	TF3MH
K6IRA	WB3AVD	W6OUL	JH3PRR	UR9IDX
KB3IFH	WB6FWS	W9SE	JL4BSE	W0QD
KP4N	WB9IWN	WA6MRK	K2MHE	W5MF
N9NFT	WO5I	WB1S	KD4CM	W6IS
NI4Y	WU1U	YO3GJC	KG2U	W8BI
OE3JAG			KI0HA	W9EBO
PY3OG	134	132	KN4JX	W9TO
SM5CSS	AB0RX	7L3SQL	N2YF	WA2BOT
SP3EPG	DL4ZAB	AA4FU	NS4F	WA4UWD
TA1AL	EA6AZ	AK3E	OZ6TL	WC4V
W2GGY	IZ8DEO	AK6I	PU4MMZ	WP4CQ
W4UEF	JA5SEY	I8NLC	W1MO	WQ1H
W9MR	JA6GXP	IK8OZV	W9CTJ	YB0AZ
WA0WOF	K3KY	IZ0COI	WB8RFB	ZS6AKU

127	W7FI	W6ELI	UT9LC	IT9JPS
7Z1HL	W9COS	W6ND	W1ES	JA1DCO
AG4TO	XE3E	W8PAT	W1HEO	JH5OTE
DJ5DT		WW5L	W1KKG	JJ1XVA
EA4TX	125	ZL3REX	W5HNC	K3QB
HB9TJG	AC4XO	ZS6NK	W6HB	K5TU
HK6K	AF8C		WF5I	K9CHP
I2YPY	EI8GS	123	XE2MX	KJ6Y
JA0BES	G4EHT	AB4BJ		KM5VI
JE2VYM	IK8PGE	AE5FM	121	LU3XX
JG1LRE	IZ8EYN	AI5EG	5H8HZ	N0TR
JG5DHX	JP1GVC	DJ6OZ	AK0A	N0UCR
JH1HRJ	K0MD	DS4DBF	DL7UGO	N1TQP
JI1MNT	K1FUG	G6NHU	HA2EQD	N2SO
JJ2VLY	K5NOF	IK0XKP	IK6BMU	N3DV
JR1LZK	K9ARZ	IZ8LMA	JA1CPN	N3GS
K2GW	KK5J	JA1GLE	JA1EYN	N4UFP
K7LFY	N6DW	JA2HOL	JA1WTO	NJ8G
KF3N	NA7RH	JH1RVQ	JE2DOD	NR2D
LA2LI	NN6CH	JL3RNZ	JI5WDC	VE3QAA
N0AB	SM5AFU	K2JGL	K1LTJ	VR2ZXP
N0DL	W0XE	KC2THY	K3CWF	VU3RGB
N1BZ	W3ATV	KG4OJT	KK4ODQ	W1RG
N3GTG	W4AO	LA2XNA	KU2A	W5RYA
NA1RL	W5CWQ	LX2SM	N3ER	W6GJB
ON5EQ	W6PG	N1ECC	N5ZY	WT5L
VE3EDY	WA4TMJ	N1GFV	NA2R	
VU2TMP	WM4AA	N6DVR	NA4MM	119
W0MF	WR2G	N9RE	NY4G	DL2VWR
W3KN		OH3TY	OZ6EI	F5BAR
WB2KSP	124	PY2ADR	PP2FN	HL2MHU
WB9TFH	DJ3EJ	SV7CUD	TA1L	JA6JYM
WC2L	EC4KW	VE3VHH	TA7AZC	K7LOL
	EI8IQ	W2ARP	UA0FDX	LU9DO
126	G4RGK	W2WGK	UR5FLN	N5SIX
AB9BH	IT9YOZ	W4UT	W3/NH7C	N8LCU
CU7AJ	IZ1UKF	YB9WZJ	W3JXP	ON8PHD
EI4HH	IZ5BYJ		W4CC	SV1BYI
IK4TVP	JA3AOP	122	W4KCM	SV2KF
IU8GNY	JI1DMH	AA0BH	W7PC	VK7AP
JA5CDL	K3SUI	AA5B	W9MB	W1ZK
JA5XPD	K6VVK	AB5YI	WA7HQD	W3MRL
K2GLS	K7HC	DL6LZM	WQ8T	W6ZPL
K5KDX	KB4DSL	G0HSA	WT3Q	W8EOG
K5WRE	KB8DID	HC1HN	WU9D	W9JJ
K7PO	KC2NJ	JA9ALR		ZL2AO
K8GT	KC4AA	K0HQW	120	
K9QA	KD9ZR	K1AJ	AA2T	118
KC5RR	KE8NOA	K3DQB	AC4TO	6K5AQY
KK4CB	KK4TKJ	K4VAC	AE5LK	AE1T
KM4CQG	KV8P	K7BWC	AI2S	AJ6X
KS4WA	KY6AA	K9KJ	CT7ABD	DJ9KM
N1GNB	N0YO	KB4ET	CU2CE	IZ0RPS
N5HC	N4LSJ	KN9N	DS3DNT	IZ1JIZ
N8YQX	N5VBK	N1ZZ	DS5QLJ	JA1CCH
VE3TMG	NT4K	N4GRC	F5AQB	JA2KPW
VK2DAG	W0DD	N9ATD	IK8IPL	JA6CMQ

K5KEW	IZ2CSX	G3CWW	SV2DSJ	JE1TNL
K9KJS	JA5GOJ	HC1HC	VA3AYA	K2KYH
KA9JAC	JT1CO	I0BJV	VK7ZE	K5NV*
KB3KJ	JT1DN	JA1CPU	W1FC	K8ZEE
KD9BIE	K1EO	JA8EIA	W3JM	K9JIG
KG5VK	K4GHS	JG4OOU	W6BBS	K12Y
KM6WXB	K4LCP	JM3XZC	W7CD	N4NYY
KX6C	K8JRK	JR4DHK	WB2UFF	NT5O
LZ1XZ	K8MN	K1RE	WB9YJE	PT7CB
N3HYB	KC1RET	K3PL		TA1UT
N8KUS	KD5RBU	KB1W	112	TA2RC
NA9L	KQ5S	KI8AE	3C3CA	VA6SZ
VR2CC	N0ATQ	N3DD	7Z1CQ	W7WT
W4VG	N2ZL	NA1DX	DL5FAC	W8PE
WA7ZXD	N3CAL	NG8T	G0DTX	WB2AA
WA8RCK	N4KEB	NK5K	G3YFE	WB8PKK
WB5TOI	OE6CLD	W0QKL	GM0SCA	WU4B
WD0ANB	RW6MBC	W2ZK	IK4EWN	XE1ZTW
ZS2I	SM1NJC	W8LR	IS0BQE	
	VR2IL	WD0AJG	JA4RED	110
117	VY2RU	WN0L	JF3AHI	AG5Z
CE3FZ	W0LGQ	WT9U	JH0LME	CT7ANG
DL9QJ	W1HQ	YB2BNN	K0XM	DK4MX
F8EZE	W7WES	ZS4JAN	K4HEB	EA1BLA
HB9MZI	W9LU		K4ZMV	EI9HX
IS0BZR	WA4VJK	113	K4ZRJ	G4VWI
IZ7QFN	WW5RC	AB1NS	K8CJY	HB9BEP
JA8WGX		AC0B	K9KDS	HG6IA
JA9KA	115	DL2DCX	KH6P	IZ1EPM
JM3GXU	AA9WO	EA5DPL	N0OK	JF3KOA
K0FF	AF7WM	EI2FG	N8AID	JH1FRW
K4AEH	E74A	F5EOT	NQ4A	JR2PAU
K9LCR	HL4RBR	F8GB	NZ7Q	K3MSB
KA4AHU	IW2FLB	G0UII	PV8AJ	K3WSU
KB2S	JA0NPQ	G4NAQ	S51DV	K4KAL
KB5CSQ	JA2KGQ	G4YCS	W1USN	K4RP
KO4PY	JA3KKE	HB9GZE	W3WN	K6DJ
KP4ED	JH8LEY	JA2CPD	W4LLP	K6SLO
KZ1X	K8CR	JA4CSJ	W5GCX	K9TVG
M0NGN	KB4CRT	JF1AZQ	WA1W	KF8PD
N1SZ	KB7V	JG0HEW	WD8LTM	KN6HIP
N2IFA	KG4URP	JH1GNU	WF4W	KV3W
N8AGU	MM1PTT	K0FJ	WJ1B	N1TQ
VE7NY	N7PIB	K1JKR	WN1M	N3YZ
W3LWH	NE1RD	K2KNB	ZL3PAH	TF8GX
W4ARK	NG0G	K4JDJ		W1ZZ
W4PG	NW6V	K4JLD	111	W5JE
WA6VZN	OE5MPL	K4TR	AD7XG	W6TCP
WB9WHQ	SP5BMU	K7MO	AJ6V	W7YED
YO6HOY	W4OV	K9DUR	AK4N	W8TE
	W5WS	KA5OWI	EI4GNB	W9GFB
116	WB4MM	KB1OIQ	EI9CN	YB1SKR
6K2ILX	WJ5K	KB2TGU	F8DZY	YO5QAW
AA0FT	WS4H	KC0V	G4ZWY	ZS5LEE
EA5GXI		LU3JVO	HB9ECS	
EI4BZ	114	NC6R	JA4DLF	109
G8GHD	AC0W	S52R	JA5EEU	AA4RX

AC8AZ	K8LBT	RM6LW	W7GB	AA6XV
AF3K	KC8YG	SV3EXP	WA3IIA	AB5GU
F5DBT	KE3ZT	TA1CQ	WA8Y	AJ4AV
F8DHE	KE7AUB	UX5XK	WV4E	CT3DZ
G0MMI	KI4SFT	V31MD	ZL3RIK	DD8BA
JA1IAW	KJ2AM	VA2GA		EA4EJP
JA1QEY	KJ4SKO	W5HY	105	EI3HA
JA9IWR	KO4XI	W8JA	AA2F	F6ARS
JH4GNE	KW1X	WB2BXO	AI1W	G0DRM
J11ZS	LA4EI	WB2MKX	AP2IA	GW0ANA
K0FD	LU2AH	WM4W	DL9GTK	HA5DI
K4AEN	N3TTT	WS7I	E29TGW	HB9BMY
K6JAD	N5FPW	ZP6CW	EA4E	JA1CC
KB3Z	N5TW		EI6GF	JA1DHY
KB7DT	NJ2X	106	EI8JB	JA1RBY
KE9V	TA1HZ	AB6WQ	FM5FJ	JH1MYJ
M0AQM	VE7VV	AC7DX	G3LOJ	J14HKA
N4LS	W4DVG	AC8IL	GM1TBW	K0BRO
N4WD	W6CN	DS2GOO	HL4GHT	K1TWF
N6RVI	W7SMW	DS5MNO	JA1JYS	K2CQW
N7TP	WB5ZAM	EA3AGY	JE6UWU	K4WW
NN8L	WC4B	EW4DX	JJ2BLV	K5JUC
NS7K		F5VIF	JK1AIA	K7UW
NW6R	107	F6JSZ	JK1AKA	K8WVA
NX1P	AB7RW	G0OJG	JS2IYY	KE4YOG
PF7M	BG8PA	G0RPM	K0MB	KG5POL
PV8DX	DJ5FZ	G3LPS	K1ETA	N1FOJ
SP7ASZ	DK2GP	HI7SB	K5WE	N3PW
T88UW	E73D	JA3FRI	K7CMZ	N4PAJ
TF1A	EA2BFM	JA7HYE	K8FB	N4ZR
VU3WUA	EI5GSB	JF7NNI	KJ8N	N8TEM
W3GP	G4FVZ	JJ1IRS	KK4MA	N8WXQ
W4JDS	IC8XIL	K6VWE	KZ4EX	NA8W
W5SG	IW1PVT	KA1CTL	LA9JKA	OM6CI
W7CB	IZ1XBB	KA9TOX	LZ1JZ	OZ9U
W7VP	JA3MAT	KD2RUY	N2YU	PY2YW
WA6URY	JE1CTA	KI4NSP	N9APK	R6TY
	JQ2MPJ	KM8V	N9IXD	RV4LC
108	K2FJ	KT5V	NC1M	TF3G
7M4CLF	K2ZD	M0PCB	NK7L	VE3ZN
AC8MR	K4LQ	N4DJT	OH6IH	VK3MB
AC9DX	K6DLB	N6BDX	PV8RR	W0VU
DB9CR	K7UWR	N6UOZ	VU2DED	W5PD
DL1TPY	KA4LBD	N7MW	W1MRH	W9GXR
DL2AMD	KB0EL	N8OYY	W1PY	WA1DD
DL2NAI	KF2G	N9ZJ	WB8LEM	WB4HMA
DM5TI	KF6XA	NG4C	WD4OHD	WB7QXU
DU1IVT	KI0KN	NI7F	WK3A	WF8Z
E70X	KJ4FZ	PT2DF	WK7W	WX0B
EA5XV	KR4U	PY2OC	WZ9B	YB1BUL
G5CL	LU5OM	UA0ABB	YU1LD	YO6HSU
HL5JYS	N0MHL	VE3BHZ	YV4EH	ZS6HON
IK1RKN	N1UZ	VE3XK	ZS1IS	
JA2DCN	NC7M	VU2MB		103
JH1OVY	NI8Z	W0TLX	104	AF8P
JR4NUN	OV2B	W4/KL7GLL	7N4OBV	DS5JMG
K3XO	PP5VA	W6KF	AA2WC	EA2RY

EI9GLB	K6JAV	K5HX	DK1MCS	KI4PG
FM4LV	KA8HDE	K8PGJ	DK7GH	KK6MF
GI3SG	KB1AWM	K9GL	DL3ANK	KL2R
HB0RER	KO3F	KB5YN	DL5JH	KL7XO
JF1KIG	N2CJN	KC3OPI	DS4GQR	KR4Q
J11FXS	N2FY	KC4ZA	EA5PS	M1EMC
JP1KHY	N4IR	KE9UA	EI2HZB	N0JX
K0LU	N8KOJ	KJ5RC	EI4DQ	N0KM
K0OOK	NA4D	KU4A	EI4GJB	N0VTZ
K1FBI	NN5O	LA3ANA	EW4A	N1KI
K2RNY	R9GM	M0PTZ	F5JWH	N3NVA
K3PIN	S51MA	M5LRO	G0GFC	N4GOA
K3TXW	SM0XG	N4PF	G8GFF	N5CR
K4NI	US8ZAL	N8ERL	GW0KRL	N5LJL
K4PWS	VK2GR	NC8I	HB9HFM	N5LKE
K4SAW	W1GF	NZ1I	IK7NXU	N5OP
K6XJ	W7FS	OZ5JQ	JA7PKV	N7WFK
K7HV	W7HJ	PA3AIN	JE7KCI	N7WR
K9WMS	W7IMU	R2ARR	JG3LDD	N8HM
KA7CVJ	W9GWP	RZ6MJ	JG5VFK	N9MKC
KP4DDY	W9TVX	SV2BXA	JI1LLD	ND0B
KQ6K	WB4PWZ	SV4FFL	JN1RFY	NE3K
M0UPL	WB7QBS	TG9AKH	JR4VEV	NX6D
N1MIE	WD6T	UA4PK	K0FTC	OM2AGN
N8URE	WD9IOK	VK4BUI	K0JDD	OR4K
N8XS	WN9A	VU2OT	K1HC	OZ1GCT
NB3R	XE1SAX	W0ZX	K1JX	OZ9GA
NI5G	YB0EIN	W2FDJ	K1PTF	PY5VC
RX3BP	YB9AY	W2GHD	K1XO	R2AB
VE7XT	YO6BHN	W2GM	K2UF	UR8IDX
W0PPA	ZS2ACP	W3RMS	K2UT	VA2EU
W0RSJ		W3SW	K3NO	VE1JF
W2SUB	101	W4PM	K3RRR	VE3KKB
W4CU	AA9D	W6OU	K4GM	VE7ON
W7KHZ	AB2NI	WB5KSD	K4KYN	VR2PX
W7UV	AB4EJ	WM5H	K4QS	VU2OY
W8EH	AB8YZ	WU6K	K4RSA	W0RMS
WA8KNE	C31MF	WX7B	K4TMG	W1MJC
WC9C	DD9WG	XE1AO	K5LLA	W2MW
YB1ALL	DL3XAC	YB8HZ	K5MMH	W2PTP
ZL1IM	EA4OR	YO2OXD	K5PSN	W4CG
	EA4UV		K5VSD	W4DFU
102	EA8TZ	100	K5YE	W4YR
4X1VF	G3VDB	2E0XAR	K7VL	W5YKU
5W1SA	G4GEE	9M8DEN	K9EA	W6OZI
AC0XY	G4PUQ	A41ZZ	KA2F	W9KM
DB2WD	G8GNI	A71EM	KA4H	W9ZT
DL4FDM	HB9PUE	AA7UN	KB6IGK	WA2ALY
IC8SQS	IK2HLM	AC0DH	KC5N	WA2VJL
IZ7QSS	IU2LFP	AD4J	KD1DT	WA3UTC
JH1IHG	JA1KZP	AE0SQ	KE1IU	WA3YZD
K1MDA	JA5ALE	AE4VJ	KF5MDZ	WB0RXQ
K2DH	JA5JUG	AF9W	KF5TL	WB2ZEX
K2DW	JK3NSD	AK1P	KF9EX	WB6RAB
K4HR	K0GEO	AK4AO	KG4IYS	WB6RJH
K4KZM	K3AXB	DB6VH	KI0G	WD1M
K6BLG	K3LA	DC1TK	KI3O	WD4GZW

WI0E
WM4D
WM9Q
WU1T
YB6LAY
YE1AR
ZS6CR