

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 25 Jun 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	K5UR KF2O N6AR	W7UT	SP8AJK W1YY WD5COV WK3N	W9RPM
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 K4HGX W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN WB6RSE
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T VE3XN W0MHK		
345 HA0DU JA2VPO OH1XX		335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC	331 DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX			
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			

W8UVZ	JA6BZI	JF3KON	W7AO	320
330	JJ2KXK	JF7XKY	W8OI	CT4NH
AA1ON	JJ4POR	JH8RZJ	322	DF2RG
DJ2YA	K4QL	JS2LHI	CT1BH	DM5EE
DL1AMQ	RU3FM	K9EU	EA2IA	I2EOW
EA7TV	SL0ZG	K9IR	F5PAC	JA3PIS
EI7BA	W1ECT	OE2LCM	IK4GME	K1LD
HB9AMO	W2IRT	ON4IQ	IK8YTA	K4EM
I4MKN	W4UM	R5AJ	JA4FKX	N4II
IK4BHO	W5FKX	SM4EMO	JJ2LPV	SP7VC
IK6DLK	327	SM6CCO	K2UO	UY5ZZ
JA1ADN	AB4IQ	SM6CMU	K6FG	VE3EXY
JA3EMU	CT1APE	SP1S	K7NN	W3KX
K3WC	CT1IUA	SV8CS	KA9CFD	W6XA
K4CN	DK5WL	W1RM	KU0A	YV1DIG
K4ZJU	DL2OE	W6RLL	N4DW	319
K9CT	EA1YO	W9OP	N4NX	DJ4AX
KD5M	EA5BM	324	OH1LEU	DK1FW
N4JF	I4EWH	DK9KX	ON4CD	EA8AKN
N8JV	JE2LUN	DL5DSM	PA3EWP	IK4DRR
N9IW	JH1TWT	FK8CP	R7DX	JJ1DHY
NR1R	JJ8DGO	G0DQS	SM5KNV	JR7VHZ
OK1MP*	K0DEQ	G4CCZ	UA4CC	K5MC
RA3CQ	KW9A	I0WDX	VE1DX	K6AM
SP7GAQ	N6JV	IK5PWQ	W5CIA	N4DB
VE3FF	PY2YP	JA2BDR	W5TCX	ON4AOI
W3NO	RZ3AM	JA2DPC	W18A	UA3AP
YO5BRZ	SM2GCQ	JH0INP	WP4U	W5WT
YU1FW	SM5CZQ	JR3GWZ	321	318
329	SP6M	JR3OEH	AA4V	A45XR
GM3POI	SP9DWT	K5KC	AD1C	AA4HP
IT9DAA	SV1RK	K9YY	G3TXF	AA8CH
IV3JVJ	YO9HP	N1NK	HB9BIN	DL6KR
JA2JW	326	N8BM*	IK2YCW	G4PWA
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JA7MSQ	JA9APS	OE8HIK	JA1XEC	JA2JNA
JH1GZE	JF1WPB	R3OK	JA3AZD	JA4EPE
K0EU	K5EK	VE2TZT	JH1IFS	JH4JNG
K1HTV	K8PT	W3LL	JH3CUL	K2TE
N5AW	LU2NI	W9OL	JH3VNC	K4IQJ
NI0G	N3NT	WB4TDH	JH4ADV	K5BG
NO8D	N7RT	323	K2VV	K5DU
OZ1CTK	OZ1AXG	EA3GP	KV7K	LA2PA
R4GM	SP5DIR	GM0GAV	KX4R	PY5EW
SP6CIK	W8DCH	JF1KKV	LA7HJA	R3VA
SP8NR	325	JH2FXK	N4PQX	RA7A
W5XX	EU7A	JJ3PRT	N5XZ	RW3RN
WA1JMP	HB9DHK	JR2LJO	OE6MDF	SP1MGM
328	I5NPH	KF0QR	OE8RT	VE3LYC
AA5AU	IZ0AEG	N5TY*	SM6DHU	YO3APJ
AD5A	JA2FJP	N8RR	SV1FJA	317
DL7MAE	JA5WIZ	NY0V	UT7UJ	AB9V
IZ5EKV	JE1SYN	OH2BLD	W4FC	DJ5FI
JA1SJV	JF1PUW	SM6DHF	W8GC	DK2NG
		UA3AB		

HB9HFN	WA7NB	312	K8QM	K9RX
JA1ANR		F3SG	K9ZO	NI6T
JA2IVK	314	IZ2AMW	NN4SS	W7DO
JO7WXN	AC4G	JA1SYY	NU8Z	W7OM
K2RW	CT1DKS	JA1XCZ	R9TO	WA5VGI
K6YUI	DL6CNG	JA7QVI	RU3DX	
K9MM	EA1N	JH1AGU	RX3AGD	306
KE9L	EA6VQ	JH1QAX	SM2OAN	DL1KUR
N2BJ	G3NDC	JR1BAS	UA4LY	DL5EBE
N4QS	HA1RB	JR6FC	W2JU	HB9DDZ
NE1B	IZ8FFA	K1HT		IK4PLW
OE1WEU	JA2AH	N1IBM	308	JE2LPC
UX1UA	JA2ZL	N5ORT	DL2CHN	JR2UBS
W6VX	JA5XAE	RU3QR	F4BKV	K5WAF
WX4G	JR4OZR	SV1CNS	HK4SAN	KD3CQ
	JR9LKE	W7CT	IU7QBB	N4TL
316	K2LS	W8HW	JA1IZZ	OE5RLM
DF2UU	K5AQ	WB8BPU	JA2WYN	R8TX
DL5WW	KB0EO		JA7IC	R9FM
G0OIL	KC9ARR	311	JA9TWN	UN7JX
IK2QPR	LA7AFA	CT1FMX	JG4AKL	US5WE
JA8EAT	MD0CCE	IK0PEA	JH1SJN	WE9R
K3WA	OE1AZS	JA2XYO	JL1RUC	
K4HB	OE1ZL	JA4MRL	K0GY	305
K8YTO	SM4DDE	KM4H	K0KVR	DJ4XA
KG8P	SV1DPI	OE3SGU	K2UU	JA1IOA
KQ8M	SV1JG	OZ4O	K8OM	JA2VQF
N5DG	UA6MF	PY2XU	KI0KB	JA7BWT
RV3LO	UT9FJ	UR0MC	KN5O	JA9GPG
SP1JRF	UX0FF	WB9CIF	KS1J	JE6TSP
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W1GL		WD9DZV	NQ1K	K0JUH
W7MO	313		R7NW	KG4W
W9ILY	5B4MF	310	SP9JZU	N9AU*
WA2VYA	CT1GFK	HB9SLO	VA5DX	PA5TT
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YO7LCB	JA1GRM	JF8QNF	W1YM	SM3NXS
	JA5IU	K0KX	W2QO	UT2UB
315	JA6VQA	K5XI	W5ADD	W5AJ
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AA5AT	JF2UPM	K8AC	W9MU	YB1UUN
AB3CV	JG3LGD	K8FL	WA8WV	
AB6QM	JH1NYM	LA9AJA	YS1RR	304
G3VKW	JR1BLX	NS6C		DJ9ON
HK3W	JS3CTQ	RA0FF	307	DK5AD
JA8RJE	K4SO	RL9F	A65BR	HB9CEX
JA9CWJ	K6KLY	SP6HEQ	DK2JX	JA2NDQ
JN3SAC	LA7JO	W0YG	F2JD	JE1DXC
JR2BJE	LB8DC	W4BP	G0BLB	K8GI
K1BD	N2NL	WB0TEV	HB9TKS	KC7V
K8NVR	N8KOL	ZS1LS	I5HOR	N7US
N5OK	NN4R		JA2XW	N9RS
OE3EVA	SP3CGK	309	JA3GN	UY5AA
ON4IZ	W9RN	AA5AM	JA6WJL	ZL3JT
PY2NQ	ZS6EZ	JA1EOD	JJ3HGJ	
SM3VAC		JA1VSL	K2SHZ	303
SV2DGH		K1AR	K3RA	E72U

EA3GHZ	DL1TRK	JE8CLT	294	R6AF
G3LZQ	DL4CF	K4MS	AI9L	SP5IWA
HL3IUA	EA1AF	K6ND	CT1FCX	W4VIC
HL4CJG	EI2GLB	K8WK	EA6NB	W6SR
IK2RPE	IZ5RVG	K9SM	HA5VZ	XE2CQ
IK4ADE	JA1SVP	KG7H	HA9PP	
JK1EXO	JA9AA	KT1J	JA1FQI	291
K7WP	K3XA	W6YI	JA5SUD	EA6ET
K7ZA	K8GG		JE1GWO	G0EHO
K9MK	K8TL	296	JJ1DWT	IT9CVO
K9US	K8VFX	AA4R	JR1DUP	JA9FAI
KB1JZU	PA3CSR	AA8OY	K7ZV	JH1BAM
LA3WAA	UR5EDX	AD6W	KZ4V	K4ZO
RL3FA	W3OA	CT1DOF	N0KV	KP2A
RW4NN	W3RJW	EV1R	OE5BWN	LA5HE
SM6CUK	W5VY	GM0AXY	RU6L	N2TN
SP2BMX	W6TC	JA1JAT	SV3DCX	N7IR
SP3IBS	W9AJ	JA7LGE	W3JX	N7RO
SP7HOV		K3PA	YO2CMI	VE3CFK
SP7ITB	299	K6FW		W7BEM
W1SKU	4X6ZK	K8VC	293	W8TN
WT8C	DM2DXA	LA8PT	DL1HRN	W9FR
	EW2A	N0RB	DL1SMA	ZL4TT
302	G3SVD	RA3QK	EA3WD	ZS2DL
DJ5JH	HB9RG	SM6BZV	IK0HFO	
F5CQ	IK5RUN	SV9COL	IV3YYK	290
HB9DDO	IZ4MJP	UA6YW	IW1QN	AA4A
HL2IFR	K6SIK	W2GG	IZ8FWN	AJ9C
I1EIS	KB8VAO	W9JA	JA2CXF	I4KDJ
IW1ARB	N9FN	YO2RR	JH0BQX	JA1KQX
R5DT	UA9FAR		JK1TCV	JA1QXC
RK4FD	UN6T	295	K3FRK	JE2DZC
W0VX	VE3BW	DL1DUO	K4JAF	JE2EHP
W4QN	WA3AFS	EC3A	KD0Q	KD0PO
WD4LBR	WA9PIE	IW0SAF	N2LM	LA2QM
		JA1BPA	N4RWG	LA5LJA
301	298	JG0CQK	PY2IQ	LU3CQ
AE5E	5B4AHJ	JH4ALY	S55DX	PP1CZ
CU2AP	DL7BA	JM1FHL	W7ZJ	SK3PY
HB9BOI	G5LP	JN1RQV	WA4FFW	SV3AQR
HP2AT	IW0HQE	K0BBC		UN7LZ
IZ1LBG	JA1WSK	K0TPP	292	UN7TW
JA0DIN	JA4ITW	K1GG	DL5CW	W1EQ
JA1LSP	JA5BEN	K4XD	E72A	W2LK
JE1LFX	JL2JVX	K5VIP	EA5AT	WB9EEE
JG8FWH	JR7WFC	K5ZK	G4GIR	
JK1GOK	K2PK	N7TY	G8DX	289
K4SE	K8EUR	NA5C	HB9BAT	4Z4DX
MM0EAX	ND0N	RM0F	IZ0RVI	AJ6T
PY7DJ	PY2VA	SM5FUG	IZ3ETU	DL9TJ
RN3QN	ZL1BYZ	SP8HKT	IZ8VYU	JA8EJO
SV2AEL		SV1GYG	JA3ENN	JA9FPI
WB5JID	297	VU2PTT	JA3EOP	JA9IFF
	E73Y	W5LT	K5DHY	JG1WSC
300	HB9CQK	W6XK	K7ZD	JH4GJR
9K2OD	JA3RQ	W7AL	LU4FPZ	K3UL
AC0A	JE7JDL		N8II	KK0M

R0FA RA1QD S57AT VE3EK W9YSX	N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI	282 K1DT K1USA K5UO K8ROX N6TA OH4UI PC3T RD3AW SM4CTI UA0BA W4OX XE1KK	KQ4AV OH1ZK VE3DZ W4UCK WB2BIN WO7R	RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO
288 JA2JRG K1DG LZ2JE N5LZ N6UK ON6AA PY2KP UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU K6G XO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8KEN WN6W	278 9A4T EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM0NJO SM4AZQ VE3CRG W8MHW W9HBH WF2S WT4Q	275 CT1FPQ JE1BMJ JG1OGM N2JJ N7KA ON5UE PA7RA
287 9M6YBG AA8LL AA8R IV3GOW JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR JA0DET JA8CJY JG3SKK JH3SIF JN1BMX K9NW N4LR OE2GEN SM0CCM SM6CTQ W1OPD W2AY W4FQT W5ODD W8BBQ W9MJ	280 CT1EAV GM3PPE IZ3ENH JA3XNH JA6TMU JA9NLE JF1NZW JH1BNC JH1HHC JR6LLN JR7FRW K4WNW PY2DS SM5CZK UT7UV VK3HJ W8HC W8LGJ ZS4TX	277 EU1KY F5PBM F5UJK JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT ON4CAS UW2ZM W1KSZ W2PP W3BW W8RLS WA3C	274 EW1KP IW0HOU JA8ZO JH1IAQ K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ W7MEM
286 AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS LU8EKC	283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW W6BJH	279 JE8TGI JF2XGF JH7BKN JO4CFV KF2DT	276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OH1JP	273 AB4SF CT1BWU DH2PC EI6FR IZ4DPV JA1KPH JA2TBS JA6BEE JH3GCN JI3CJP JM2RUV K4RG N4IG NA5DX OZ1ACB OZ1LCG OZ4VW RW7M W4HG W8QZA/QRP
				272 AF9H DS5ACV

I5OYY	269	WB2GAI	262	SK7AX
IK5PWN	IK7FPV	WB3LHD	CU3EJ	SV1FJP
JF1LMB	IK8EPC		I5REA	TG9NX
JH1OBS	JA1OVF	265	JA8BAR	W2XI
K1UU	JA1VLK	4F2KWT	K2SN	WA5LFD
K6IPM	JH3FHQ	G3WPH	K8AV	WV8DX
K7EG	JP1NWZ	JA4FM	LA6UL	
K8BL	K0KT	JH1ACA	LA9FFA	259
K9MBQ	N4UOZ	JR1WCT	LA9GX	CT3KN
KA1ERL	N6RV	K2CBI	N3RC	DJ8NT
KI4GE	NW7E	N5KM	N8OC	EA3EQT
N2DPF	OM4EX	N9JV	NK4L	EW1BA
N4JQQ	SM5FWW	NU1B	NX0I	JA8BNP
N6PSE	WA0RVK	W6RS	SP6JIU	JE2RDO
N9RD	YB1AR		W5ZG	K2UFM
NV9L		264	W6NWS	NI3P
OE5FIN	268	4Z1UF	W7LGG	PY5CC
PA0ZH	7M4AOE	EA1KP	W7QDM	W1KDA
SV1ACK	HB9BUN	F6DBX	W9PZT	W7AH
W2OO	HB9IQB	HB9DHG	WA3GFM	WS9V
W3ACO	JA1NWD	IZ0NRG	WB8ART	
W3AP	JA6GPR	JA1IAZ	WQ6Q	258
WA1S	JH4HMG	JA7HRM	YB2DX	CU3EQ
WL7E	K2KA	JR4LNG		DK7YY
ZS1A	K6BV	K0DD	261	HL3AMO
	KD4W	K1CA	DK3PZ	IK4AU
271	N2AJ	N1EN	G3UAS	JA9AGN
4X1RU	N5JB	N1GC	IZ8IEV	K0TT
HL4GAV	SM6BGG	PA7TWO	JA3FHL	KH2L
IK2DZN	W2FV	SV1CQN	JA4VLK	SA0AQT
IZ8EJB	W9OO	VE3YF	K2FW	US0YA
JH1OCC	WA1YTW	VE6AX	K7LJ	W1SSN
JM1HJG		W5PF	KM1D	W5JAY
K3PU	267	W6TMD	LA5SJA	W9EWZ
KB1EFS	IV3VBM	WV4TN	OM8FR	ZL2IFB
LB2TB	JA2QXP		SM7CQY	
NN4X	JA7BEW	263	ZS6WB	257
UA3TT	JA8UIV	DK4TP		AF4HX
W1MK	JJ1TKN	EA3CJ	260	DJ0UT
WA0MHJ	K5VWW	EA4DL	AA9A	DL9FCY
XE1MEX	K7XB	HA7UW	EA8MT	EA1JO
	KI5BLU	JA7XBG	EA9IE	EA7SG
270	N3VA	JR8AMF	EC1AIJ	EB3CW
7K1PTT	SM5BMB	K1KO	F6HLC	IK2PZC
AA4FL		K4KAY	FG5FR	K1SM
BA4MY	266	K8FH	JA2FBC	N1API
CT3MD	EI8IU	K9FN	JA3VPA	N6HC
DK8MCT	IK0UTM	KN6KI	JA3WLN	PY2MC
EA1KY	IW7DVM	N1RR	JH3FUK	RU1AB
F9XL	JA3BXF	N7BT	JH4ADK	SV1VS
K0BJ	K8AJS	NA5Q	JJ2WOC	W0JM
K7UA	PZ5RA	NF1G	K1ESE	W3FI
K9JF	RA4CA	SM7IUN	K6EME	W5DM
N4QQ	SV1HEP	W0GG	K8YSE	W8MJ
OE3HWC	W0FLS	WA4LOX	LY1G	
PU2POP	W7Yaq	ZS6NJ	N6MZ	256
VE6LB	W8MET		NT5V	BH4QYX

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255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JA1VRU JK1OPL JR3UIC KR4F N1RK N5BO VR2XMT VU2CPL	252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JH4CBM JL1BYZ K1EFI K5FZ KB9DAK W2GW W2ZI W7CA WA4CEM WA4JQS WV6E WV9L	249 AF5CC HL2CFY IZ8GGF JA1EMQ JA8FFM JH1APK JH8GEU K9NR KF7F KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D	246 AA7G GW4TSG HL2EIZ IV3KFB JE1VTZ JK1WSH JR7GBL KB6CIO N6PM W1KMA W3ICM W5ZO	242 G4FKA JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN W8GNM WB8K WC3W
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO JH2VVH K0GW K3SEW KI1U LA5YJ NE8P UA3O	251 9A4W DL2RTL JA1DDZ JA1SKE JA5BGA K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W3ABT W4SK W5GAI W6DE	248 AK5X EA4DEI G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG KF9UG N4XP N6KZ SV1IW W2TB W8IW W8OP	245 AJ8MH G3KMQ HA5PT HB9JOE JA3QOS JJ6DGP K3EA KF7PG N0AH N2NW NZ3O S55ZZ YB0NFL	241 AB5C IS0AFM JF6XQJ JP1IOF K3WWT K7KB KV1E N4OA N9SF W5DNT W5QM WA8MCD
253 AC9O FG4NO JA6IVR JA8XQI K1FEV K6MKF K8DV KE1F N7XR	250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ	247 CT1FUH JJ1BMB K1PL K3VAT KH6M	244 IK8UHA JA1CZI JI6IHG JJ1QUV K0KG K1KA K1YR KK1W SP6A W0QQ W4REX W5PJR W9FI WA2USA WA3F	240 7K1CPT E21EIC G7SSE IW3GJF JA1DM JA2FSM JN1NBU K9JU KF0LA N0ABA PY2GG SM3LGO
253 AC9O FG4NO JA6IVR JA8XQI K1FEV K6MKF K8DV KE1F N7XR	250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ	247 CT1FUH JJ1BMB K1PL K3VAT KH6M	243 DS5TOS	

SP5LKJ
UX5UO
W0SZ
W8WEJ
WB8CQV
XE1RBV

239

AG1A
DJ9RR
IOJBL
IZ1JMN
IZ2FOS
JA6CBG
JA7KE
JA9NFO
JE2UFF
JH1DGJ
K1XV
K2XF
K4QE
K8YYY
N8SHZ
OE3KLU
OH7TV
WA6JA
WB4KTF

238

G8AJM
HB9MFM
JA0LXP
JE1PNX
JF0JYR
K9GA
K9OR
KA4RRU
M0CSD
N4PJ
N5ZC
N9UA
W4KA
WA4QMQ
WB0TVY
ZL4AS

237

CT1BOY
G0VXE
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JF2OZH
JH1DGQ
JR0QFA
K1RV
K2NV
LB5WB
N4HID

SM0MPV
W6AER
W8UN
WA0ROI
WB8B
WB8ZRL
YO3JF

236

HB9DQV
HB9ZS
JA1HOM
JA1JYE
JA3KNN
JH1UBK
JN1NOP
K1ACL
KM3J
KS4S
N4GN
N6IE
OE2BZL
OZ7FOC
PA0TCA
VU2CDP
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W2YR
W4GIW
W6DR
WA1PMA
WY6N
YB2TX

235

EA7QW
EI2HY
EU1U
JE1IBI
K0EOO
K0VSH
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NW4M
TA1CM
W3MR
W7YW

234

DF7EE
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HB9BYQ
HS1NGR
IK0LNN
JA2OLJ

JH5HDA
JK1BSM
JR1VAY
JR4LZX
K4JC
K4MF
KE5FXE
KE8UM
KX2A
ND4V
W3WST
WA5UA

233

AA9GR
AA9RR
AJ4A
DH0GSU
DS3HWS
EA5AR
JA0KJD
JA3NHL
JH1SOD
K8BN
K8EAB
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF
WE4S

232

AC9EM
EW4C
G3XLF
HB9DVO
JH0OXS
JH6DUL
JR3VMJ
K4ST
K5FNQ
KK9H
NJ7G
NY2NY
RQ3A
SV8DOU
W2DXE
W6CYX
W9ZCL

231

AD5WB
DK6OR
HL2ZN

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JH0AWC
K2RU
K4YJ
K5IB
KD6UO
LZ2XF
N8HRZ
NA4EA
SM7NDX
VU2DCC
W4UDH

230

G3LUW
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JA6AVT
JH7WQX
JI1VVB
K2SY
N9PGG
SV8CKM
W2KA
W8FIB
W8WVM
W9YE
WB2NPY

229

AA3LX
AE0P
AH0U
DL8SDC
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JA2VHO
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N3PS
N4NW
NE6I
W1WC
YB1TJ

228

7J1ADJ
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F5LIW
JF1RYU
JF1WLK
JH2PWY
JH3GFA
K4KGG

KB1DMX
KE0A
KE4UW
RA3QUA
UN9L
VR2CH

227

DF8FT
DL2RUM
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JA0DWY
JK1SQI
K1GE
K5GH
LU6ETB
N1NU
N6OJ
NA9Q
W4DEE
W5SL
WA9GON

226

DM2RM
EA5B
I0OSI
JH1IED
K2BA
KK4OK
N2KX
N2SQW
N5ET
N6BM
N9AOL
NG7M
VE3SKX
VE7TK
VK4CAG
W9DX

225

DK5RL
DS4AOW
DS5DNO
EU1M
JA0EVI
JA4CZM
JE2EBT
JF1MTV
JH8NQV
JL3OUW
K0OK
K1JIU
K2HAT
K3SF
K4JWA

K5YU MU0FAL N0ODK NA2AA W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	221 EA2AAZ HB9HBZ IZ1JLG JI1NJC K4CGY K4MV K5DV KU4XO KV4AA N4TOL N9JR RU0SN W0BM WA0WWW	WW8W	JR0AMD JT1BV K1TZQ KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL ZL2AL ZS2Y	SM5AOG SM7GIB VK5GR W5DAW WW2DX YL2TW
224 JA1OVD JA8NFV JO1LVZ K1CBK K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5RF W7NN WB0O WN6K	220 AA6RR DL4DW DL4LAM EA5DFV EI9FVB K1DJ K1NTR K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX NY1V ON4ATW SM0DSF UR4IOR W5THT W8LMG XE2X	218 DL2NOM DL4NBE I7PXV JH1OGT K1NJ KE3D KR2Q N4JT SM7WVZ TZ4AM W5GA WA2NPD WC2K WC4H	214 3A2MW DJ3AS F4GVO HB9VAB JN7DOS K0QQ K2AZ N9KW PY2RO SP7ICE W0KCJ WB6BFG	211 AA8SW JE2KSM JJ1JMZ JJ1KZZ JO4JDU K3SX KT2C N1BY VR2XLN WY1G
223 AB4UF AF2C EA7DUD I8MTQ IK2RZP IZ8MBW K6IPV KI6CG KW4V N4ENE	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5CD K5JZ KD2T KE6V KG6I KI7AO KR6C N1KC N6DX W6GRV WA3I	217 IK0CHU JA2NNF JA7ZP JG5RVQ K0NV K1RH N6QI OZ0J W0TM YO3IPR	213 9A1AD AG3V DK3UA HB9HIT IT9ODQ IV3FFI JA1FVS JG1JPE JG3RWX JR1EFG K5ALQ KK2M N6PEQ N8GP NA2M* VK3FM W1LE W3BJ W7HR	210 AA4LR CU3AN JA7FAS JH6RTO KD4SN KD8RQE LU4FW PY2WC S54A W5WP W6WF W7FP W9IL WA9BZW WK8A YB0DJ
222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT K6ZZ KB5UNX KS4YT KU8X RA4P VE7BV		216 CX2CC DJ3XG EA2AFV G4VMX K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ W9MO WB3D WS1L	212 G4ZOY JA1BWA JA3LDH JR2PZX KU4BP N4FN	209 JH8UQJ K0LB K0VM KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX
		215 9H1EJ AA7XT DS4GKF HB9IIO I1YDT I5XFD IZ0BVU JP1GUW		208 HP2NG JH0NOS K0THN

K4WES	JA4DHN	W3NS	IV3BSF	UR5FEO
K5RJ	JA7JM	W4RDX	JA6ENL	VE3YXO
N7WS	JA7MNF	W7TUS	JM1ESG	W3ML
NU1O	JO3WHB	W7VY	K7PT	W3SB
NW6S	K4YYL	WE2N	KA1J	
W1FA	K5VR		N3ND	194
W4WN	K9SG	201	RA3BL	A65BD
W5FPT	KW1DX	DL4FAP	VK6OZ	EA5ZR
WA6G	N2KI	GI4OWA	W6SHY	K1LT
ZS1J	OH3OJ	IZ0GYP	WA2VQV	KP3AH
	WA4MME	K0MFI	XE1FAS	KR8T
207	WI7P	K2CYS	YV5LI	NJ3K
9K2BM	XE1J*	N4PYI		SP6EY
DG5LAC		RT5A	197	VU2LBW
JA7MAD	204	W1OP	4X4MF	W4DC
K6ZP	KB5HC	W6AEA	BA4TB	W5UHQ
KE1VT	KM9E		EA1DLU	W7PAQ
M0HIH	VU2IBI	200	IT9AAI	WA1NXC
M0IKW	W4GP	HB9AGO	IV3AVQ	XE1R
N9AKR	W7IV	IZ5FSA	JA2MNB	
OE1JIS	WB8BZK	IZ8EKL	K6TAR	193
ON4ANN	XE1L	JA3EY	K8SIA	7L4VYK
RD9M		JA7DPC	NN5E	AE4CW
TF3DC	203	JH1FVE	W4DAO	DH3KM
VK2CA	7L2QAD	K1ZJA	W4HZ	HI3T
W1MJB	DF3EC	KC6JAM	WQ5R	I4UUL
W4GE	F5NBX	KM4VI	XE1H	IZ5MOQ
W6KK	IK2RGT	LA6OP		JA0AXV
W9QO	IZ0BTB	N1IA	196	JA1QIW
YB0MWM	JA0CIU	PY3VB	CT3CD	JA3PRM
	JA7JPZ	VK6LC	DF2UA	K3NF
206	JH8NB	ZS1DX	G1VDP	KM1C
AG5W	K0CS		HB9ESS	KZ1W
CT1HHP	K4GO	199	I7LGM	LZ2ZG
HB9CRV	K4JKB	AA3TH	I8YAV	N4HN
IW9DNI	K9OW	AC0X	JA1XRA	NU4B
IZ4DIW	K9TF	AD4AA	N2GZ	PY8WW
JA4DNC	KA1DJ	JH0RVY	N3QE	SM5ELV
JF1IRW	KK8MM	J11WLL	NA9A	W8NN
K8NK	KL7TC	JM1SZY	SP3F	WA9DU
KK5OQ	KM7R	K4SX	SP5MXZ	WB6CJT
KK9T	N2ZA	K4VNY	W5AAJ	
KW4CQ	N4TV	KC2SST	W6HYI	192
N6ZN	N6PAT	KI4WCQ	WB5NHL	F6FYD
N8BJQ	N7ELL	MU0GSY		HB9FBG
ND3L	SV1FKZ	N2RR	195	IZ7GIT
NW7US	W1DYJ	PB9FN	CT1ELF	K1JD
W7IUO	W3BNN	V51YJ	JA7QQQ	K6XN
WA3WZR	WA3FRP	W6JZ	K4KEW	KJ4UZU
WB0N		W6UC	KE4S	KJ4YLO
	202	W9LN	KF9AF	N4XYZ
205	BV1EK	W9RXJ	N3XM	NC2Y
AC9S	G3SBP		NA6MG	UR3EO
DL6UNF	IK5BOH/2	198	NN2D	VA2IG
GM0VRP	JR1IZM	AG7N	OH6NIO	WQ5T
IK0WRB	N8WD	DJ0MCH	PP7LL	YB1TQL
IK3GBG	W1AW	DL8DWL	SQ7FPH	

191 AA4NC HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K8QKY N4DWK N7MQ NK7C OV5O OZ7DN VK2HV W5IP W8UQ WB4DNL WF1H WI8R	N6NU OH2LHE ON6KE RM3DA RN3CT SM4BZH VA3OKG W4AEJ W5SUM W6DPD YB4CHP	WV2I	KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK	WB6AXD WCOW
190 AA4U AC4VM DJ9KV EC7B F4DSE G3WW G4XEE HL4CCM JA2ITK JH8KFE JI2UDK K7UT K8ZT/QR KD0AA N3AIU N6MXU SM0BYD W2OR W9ROG WA8LRW WB4GLI	188 EA7AN JA0GCI JH7NTW K2AX K2DC N2ZZ OZ9XU PY2RN WV4V YO2DFA	184 AA4UC AD6ZJ EA5RU IK0HBN JA7FVA K3JM NW7M SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 A61BK AA4AK DK1NAL JH1IZR K0IL K2SD K8SL N7VPN NA5S VR2XYL W4DSM WA6EZV	177 4X6UU IW8CGX IZ2EWR JA0LFV JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
189 I0LYO IV3KCB JA1SGU JG1SWM K3DFL K3HW K5RKS K5TN K6UXO KD1AB KY5I N2MEE	187 EA5HM F4WDL IK8GJR KM4NS N6VNI W5ZE XE1YD	183 IU0ICA JA2KSP JA3UNA JE4CIL K6LRN NA2U W2CG WF8R YB2TS	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV NO0B SP5ELW W0ZS W1HS W4CCS W4TUN W8QXR	176 DL6NW F4FLF G4AYU JK1JAS JR1FHP K5DCW KK7YC KT8D KW9U LA4JGA LA7EIA N1JP NM1G VE1VOX W0MS W4LEW W9WO WA3GNW
	186 AF6PK K5EWS K5QX K6EGF KC6X KK0DX N5QS W8RV WA5IPS WZ4RC	182 4X6KJ I5FLN I8LWL JA6SQR JI1CQA JK1DDG K7LAZ K9AQ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N4ST N5FEE N6DHZ OZ1HPS W7HUY	175 AG5CN EA6UE IU8IYE IW1PUR JE3PCP K0KV K1ROA KD4POJ KF2OG KF6HI KN7D
	185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC	181 AE4M EI3CTB IZ4AIB		

N7NG NS3L UA1OM UA9AGX	171 AA5N AD3C CT2GZE DL5MM F9CI IZ0CKJ JA3AVO JJ1BDX JL1GYZ JS6QOM K2TV K4NTO K4WY KB0V KC5LK KP4DKE N8WRL NA6O ON6MX W0MU WA4DOU WA5KBH	SV1IZY WA6QGH WB8EKG	KW4J SV2CLJ VA7DX W4PGC W6FL W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	S50B SP7QHR W6SIY W9CSX
174 AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K9HQM K9UQN N7NW NG9J W5JMW W5WI WA4BIM WA4NUF	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1PCX JQ1YIW K6JJ K7CU LA2GH N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	168 A92IO EW1P JA0PZJ JE4KCN JH1ORA JH3EQP K0PC K0RAR K1VI KF0RQ LU8ADX LX1CW N6MB OE1ALW R4FAN SV1XV VR2MY WA9IVH WX0Z	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JF1KML JR1KBJ JR6LDE K3VPZ KG4CUY KG5NP LA2XPA LB7ZG N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS WB2WPM WB9PNU WC4X	163 4O3A AA4OC AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC VU2MSA W1OK W1XV W4PGM W8MIL XE2YWH YO3DDZ
173 AB6CF AD0K AI9U DM6MA HB9DVZ K5ZQ K6UNE K7STO K8JE LA9VBA N7HN N9DR NC7B NX2X SM0EUI TF3JB W7VAS WA7BNG WY7FD	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N4MI N5MT RD3BD	167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ N9ATF PT2ADM PY2SEX TF3VS WA0SXV WA5NFC	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY KL7TS N2XQM N7WI NA2P PT7DX	162 4F1OZ BH4IGO DJ7JC DS3EXX EA2AGV HS8KAY JR4CZM N4BAF NP3CW W4NBS W8FN
172 EI1DG JA1BON K5TA KI6MQX LZ1XL N3AO N5PA N7GCO SP5ES W1ASB WB8QZM YB4IR		166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K0FLY K0PX K7CTV KM4HQE KN4FO KR4BD		161 HL3ERJ JP7FSO K1BZ K2OP K4AR

KM4A	158	JM1LPN	JR7MAZ	N7MB
N7QT	9J2BS	K2HT	K0YL	NU4I
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W5BK	K4HQB	W1MR	K9MMS	W3HER
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W6DOE	K8GWU	155	KF9LI	W6WA
W9GG	KB2XJ	5P5Q	KK4XL	WA9JWL
	KC3AK	AB4GE	LA2IR	WC2C
160	KF7NN	DK3QM	M0MCV	
E70T	KJ7NO	F6KOP	N0VVV	150
EA1WH	N4XMX	G0THF	OH3FVP	DK3BK
JA1ITJ	N6MM	HB9GWJ	SP5NON	DK3FB
JA1UOA	N8TFD	IV3TDM	W3DIY	DL9SAD
JF3VEC	OH3DP	JA0EBV	W8OM	HB9EBM
JG2LGM	OH3PYY	K2DF	W8VK	IT9ABN
JK1EBA	W0JMP	K4EZY	WB4SON	IZ2MHT
JK1NPH	W8LIG	K4WM		JA1IHD
JR1CAD	WB2RAJ	KM2O	152	JA6SUY
K7LY	WB9B	M0IFT	AC6BW	JA7GZM
KC9K	WB9ZNZ	N1QY	AK9B	K5HK
N0IW	WT2P	NH6L	BX5AA	K9RT
N4MEC		NK7Z	DF2WF	K9UWY
N5WA	157	NO9E	DU1KT	K17M
N8IL	7N3IJT	NU1T	G4AFJ	KX5U
NI5F	AB2E	OE1HHB	IK5BSC	N6JOJ
W1TO	E20YLM	UT7EC	IZ0FUW	N9IO
W9FF	EI2JD	W5SV	K2EK	NM4SH
YO8CRU	GM4KHE	YB1AYO	K4RDU	ON6ZV
ZS6RJ	JA0NZR		KD2OV	SM0BSO
	JA1UBZ	154	KE9S	VU2NXM
159	JA3MHA	AC8TO	N8IK	W3KB
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DD0VE	K0SRL	JA0GZZ	R9JX	ZS1C
DK8IZ	KN7Y	JA4HXF	W2NY	
EA1P	N0SL	JA8ANQ	W6RFF	149
IK0WMJ	N4QM	JE6PJP	W7JET	7N2JZT
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JH1BHW	N9MB	JR3QHJ	151	JA0JPD
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K9QJ	W4DTA	KC1ERO	DL4KUG	K2KIB
KC4HN		N7JB	IK1UGX	K2RET
LA8ZAA	156	NE5W	J68HZ	K4TXJ
N1MD	EA3HPX	W4CIR	JA2BUR	K8WHA
N4VG	G4FTC	W5TMC	J13BFC	K9EXY
NE5S	GM3WIL	W8TM	K1QN	KM2E
NF7D	HB9HHH	WA9MAG	K3GW	KP4DS
OT1A	HB9MXY	WN7J	K4DET	N0STL
VA3NXM	JA1CCG		K7LAY	NE0U
W1EBM	JA2ODB	153	K9AAA	NU4Y
WD5BJT	JA9RT	HB9BEM	KE4BKL	NZ0O
XE1MW	JH2AJY	JA3UOQ	KE8G	RT0F
	JL3DGI	JH2NWP	KK4CLY	TF3Y

UA9MC	NJ1Q	KG6D	K0UBR	137
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WA1EHK	TF4M	KJ4R	K6EV	G3PSM
WF7T	WA2MUA	KN7K	K7VC	HL1MKT
148	WA3SKQ	LB2TG	K7YMG	JH1SBE
4F3BZ	WW8RT	N2YBB	LA8PDA	K2CDJ
A71AM	XE2B	N4GBK	LZ2HM	K2RKJ
AE0MO	YB1BML	N4UP	N5JED	K4AU
F5NNN	ZS6UT	N7ZA	VE3NJC	K6IRA
IW5EIJ	145	TG9AJR	W5VU	KP4N
JF2AIJ	5T5PA	W4JVN	W9BS	N5RN
JR3PKO	AA5TL	W4UFO	WB1ASL	N7VZ
K5LY	AC7JM	W7VS	WW6G	N9NFT
KA3GWD	AL7TC	WY0V	YB3MM	NI4Y
KB8ZUN	DL1MEV	142	139	OE3JAG
KD4EE	EA4S	AA4DD	F5VML	SM5CSS
LZ1MDU	EA7LS	I4JEE	HB9ARK	SP3EPG
N0TK	EI7GY	JA1PUK	HB9DTE	TA1AL
NJ6K	F1OBJ	J11UHZ	HL4CBX	W2GGY
PY2CP	JH1CTV	K2CJ	K0QB	W4UEF
VE6TL	K5FXB	K3GT	K9TRV	W9MR
W4AFB	KQ5M	K9UO	KX4I	WA0WOF
W4AG	KS0M	KA6BIM	N0CKC	WA5YOM
W9GM	N6KK	LA1J	N2SG	WG0G
W9MAK	NS4X	W8WV	N7NF	WS1F
147	W3DQS	141	N7UJJ	136
AB9KZ	W7NP	7K3QPL	R9MJ	DM5JBN
AI6P	WR7Q	9H1AE	ZL3TE	G0OSK
G3VQO	144	EA1T	138	IS0EBO
IS0/YO3RA	AD0TR	EI3ISB	AC5AA	NT5EE
JJ0LZQ	DL6DCD	HB9EXQ	DL5KUT	ON5GF
JK1OTP	GM0VIT	IZ3XEF	DL5ZB	ON5RKN
K3GGN	K1TKL	K2JK	G0FWX	VE3FRR
K5UZ	K7QBO	K4RM	JA0CVC	W0ANZ
K8MRT	K8OS	K5VG	JA1PVX	W4GH
KB9LIE	N5UE	K8RCT	JA1VRY	W4PV
SV8RX	RN0C	K9AAN	K2YSY	W7KKC
W3NRJ	TF5B	KA5SYP	K6CW	W7SX
W4IDX	UY2UZ	KA5VFU	K9BO	135
146	W0AIH*	KE7BMG	KC9G	AB4FH
AE5B	WB9W	NZ6N	KF6A	GM5YTT
HP3TA	WX3P	SV2JU	KL7NW	HZ1GW
JA3KWZ	143	VE3FAC	KU9S	JA1DCK
JE1COB	AA4MM	W1NA	N3PV	JA3MIO
K1IG	AF3X	W3IZ	N9BVA	JA7MWC
K6NR	EA4D	W5GOL	OD5YA	JJ1HLL
K8ARY	FM5DN	W6HDG	PV8ABC	JL2ULM
K8POM	HB9AAA	WK9U	TA1PB	K2WJ
KB1HY	JA1MOD	140	V31CQ	K3HPA
KB9AIT	JF2RSF	AD9DX	VE3MSC	K3WGR
KM8AM	K2OO	EI6JK	W0UHL	K4OP
N6FS	K6LPO	EI7JZ	W4DWS	KC3RKW
N6RK	K9BQL	JG1RYQ	W4EJG	N7TW
N9MR*	KE4FW	JJ1OKK	WA5POK	NX8Y
				S53MJ

W5IO
W7QHE
WA7HR
WB3AVD
WB6FWS
WB9IWN
WO5I

134

AB0RX
AB1J
DL4ZAB
EA6AZ
IZ8DEO
JA5SEY
JA6GXP
JR0GXA
JR1HYA
K3KY
K7FL
K7RAN
K7YZO
K9JDP
K9SUH
KA9JCP
KD2SC
KF5WCP
KN4OK
LB5GI
N1AH
N2TC
N6XT
NC6RJ
PA0QRB
SM3WMU
W1DAR
W2KNG
W4UAT
WB1DX
XE2AD

133

7J1ABD
DL8OH
G4NBS
GM1BSG
HB0WR
HK4EB
JA5IBP
JM1JIV
K6ME
KC2STA
KG6WIK
KI4TZ
KR4DA
LA9KY
N1BKB

NT9F
OH4KRN
OH7HM
VU2ABS
W1GY
W1ITU
W3MF
W6OUL
W9SE
WB1S
YO3GJC

132

AA4FU
AK3E
AK6I
I8NLC
IK8OZV
IZ0COI
JA9KRO
K4BNF
K5SES
KB8KIM
KD3UY
KG8OU
KI7HO
KK5ID
M3DFW
N3TR
N4EDT
N4QOG
NN3V
ON6YH
PY2OP
SM7DXQ
UW7UA
VU3WEW
W3KHZ
W4MC
W5FL
WA1HXX
WA1KXV
ZS1EL

131

EI5GM
JH1IYY
JK8VMB
K0ARM
K7GA
KA5IAU
KO4DKI
N0AKC
NG4DX
NN6K
VE3NKS
W5EC

130

AA4QE
DL1SWN
JA2LMY
JF2OHQ
JH3PRR
JL4BSE
K2MHE
KB3IFH
KD2NF
KI0HA
KN4JX
N2YF
N7TM
N8BK
NS4F
OZ6TL
PU4MMZ
W1MO
W9CTJ
WB8RFB
YB2IQ
YO8PS

129

AD6KQ
AE7U
DS4EJA
JA0AVS
JA1PLT
JA2ACI
JA3WMS
JH1RFM
JM1CMA
JN1SUT
K7ORK
KB4KBS
KN4WOJ
N9AVC
PY3OG
SM2YIP
VK5CE
W7TG
XE1ILI

128

A71XX
EA1AHA
EI3IO
F4GTB
HL2DBP
JA6NQT
JH1AWJ
K6OJ
K7PTC
K9YKL
KC2WUF

KD5R
KG2U
N0JR
N5EI
NR0Q
R3BB
UR9IDX
W0QD
W5MF
W6IS
W8BI
W9EBO
W9TO
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127

7Z1HL
AG4TO
DJ5DT
DL9GTB
EA3NG
EA4TX
G8BCG
HB9TJG
HK6K
I2YPY
JA0BES
JE2VYM
JG1LRE
JG5DHX
JH1HRJ
JI1MNT
JR1LZK
K2GW
K7LFY
KF3N
KS8W
LA2LI
N0AB
N0DL
N1BZ
N3GTG
NA1RL
ON5EQ
VE3EDY
VU2TMP
W0MF
W3KN
W4BH
WA2BOT
WB2KSP
WB9TFH

126

CU7AJ
DS3EXT
EI4HH
IK4TVP
IU8GNY
IW7EDZ
JA5CDL
JA5XPD
JH4GXE
K2GLS
K5KDX
K7PO
K8GT
K9QA
KC5RR
KC9WPS
KK4CB
KM4CQG
KS4WA
N5HC
N8YQX
N9XG
VE3TMG
VK2DAG
VR2VGM
W8VI
W9COS
XE3E

125

AC4XO
EI8GS
G4EHT
IK8PGE
IZ8EYN
JH8FIH
JP1GVC
K5NOF
K9ARZ
KK5J
KK7BR
NA7RH
NN6CH
SM5AFU
TF3MH
W0XE
W4AO
W5CWQ
W6PG
W7FI
WA1LAD
WA4TMJ
WM4AA
WR2G

124	SV7CUD	NY4G	JA6JYM	N8AGU
AA5H	VE3VHH	OZ6EI	K7LOL	VE7NY
AF8C	W2WGK	TA1L	K8EB	W3LWH
DJ3EJ	W4UT	UA0FDX	LU9DO	W4ARK
EC4KW	WB8TGY	W2ARP	N1GNB	W4PG
EI8IQ	WU7X	W3/NH7C	N8LCU	WB9WHQ
G4RGK	YB9WZJ	W3JXP	ON8PHD	YO6HOY
IT9YOZ	ZS6NK	W4CC	SV1BYI	
IZ1UKF		W4KCM	SV2KF	116
IZ5BYJ	122	W5UQ	VK7AP	6K2ILX
J11DMH	AA0BH	W7PC	W1ZK	AA0FT
K0MD	AA5B	W9MB	W3MRL	EA5GXI
K3SUI	AB5YI	WA7HQD	W6ZPL	EI4BZ
K6VVK	DB4RG	WB7BBQ	W8EOG	G8GHD
K7HC	G0HSA	WQ8T	ZL2AO	IZ2CSX
KB8DID	HC1HN	WT3Q		JA2KPW
KC2NJ	JA9ALR	WU9D	118	JT1CO
KC4AA	K0HQW		6K5AQY	K4LCP
KD9ZR	K1AJ	120	AC9GK	K8JRK
KK4TKJ	K3DQB	AA2T	AE1T	K8MN
KV8P	K4VAC	AC4TO	AJ6X	K9GWH
N0YO	K9KJ	AE5LK	DJ9KM	KC1RET
N4LSJ	KB4ET	AI2S	IZ0RPS	KD5RBU
N5VBK	KN9N	CT7ABD	IZ1JIZ	N0ATQ
NT4K	N1ZZ	CU2CE	JA6CMQ	N0UCR
W0DD	N4GRC	DS3DNT	JH3LCU	N1GFV
W2FDM	N9ATD	DS5QLJ	K9KJS	N2ZL
W6ELI	UT9LC	F5AQB	KA9JAC	N4KEB
W6ND	W1ES	IK8IPL	KB3KJ	OE6CLD
W8PAT	W1HEO	IT9JPS	KD9BIE	RW6MBC
WW5L	W1KKG	JA1DCO	KG5VK	SM1NJC
ZL3REX	W5HNK	JH5OTE	KX6C	VR2IL
	W6HB	JJ1XVA	LZ1XZ	VY2RU
	WF5I	K9CHP	N3HYB	W1HQ
	XE2MX	KJ6Y	N8KUS	W7WES
123		LU3XX	VR2CC	W9LU
AB9BH	121	N0TR	WA7ZXD	WA4VJK
AE5FM	AB4BJ	N1TQP	WA8RCK	WW5RC
AI5EG	AK0A	N3DV	WB5TOI	
DJ6OZ	DL7UGO	N3GS	ZS2I	115
DS4DBF	HA2EQD	N4UFP		AA9WO
G6NHU	IK6BMU	NJ8G	117	AF7WM
IK0XKP	IZ0FYW	NR2D	AD7L	E74A
IZ8LMA	JA1CPN	PP2FN	CE3FZ	HB9MZI
JA1GLE	JA1EYN	VE3QAA	F8EZE	HL4RBR
JA2HOL	JA1WTO	VR2ZXP	IS0BZR	IW2FLB
JH1RVQ	JE2DOD	VU3RGB	IZ7QFN	JA0NPQ
JL3RNZ	J15WDC	W1RG	JA9KA	JH8LEY
K2JGL	K1LTJ	W5RYA	JM3GXU	JJ2VLY
KC2THY	K3CWF	W6GJB	K0FF	K5TU
KD0KZE	K9MQ	WT5L	K4AEH	K8CR
KG4OJT	KK4ODQ	YB0AZ	K9LCR	KB4CRT
LA2XNA	KU2A		KB2S	KB7V
LX2SM	N3ER	119	KB5CSQ	KG4URP
N5JEY	N5ZY	DL2VWR	KO4PY	KV7N
N6DVR	NA2R	F5BAR	KP4ED	MM1PTT
N9RE	NA4MM	HL2MHU	KZ1X	N7PIB
OH3TY				
PY2ADR				

NE1RD	K1JKR	WB2UFF	K9TVG	108
NG0G	K2KNB	WD8LTM	KF8PD	7M4CLF
NW6V	K4JDJ	WF4W	KV3W	AC8MR
OE5MPL	K4JLD	WJ1B	N1TQ	AC9DX
SP5BMU	K4TR	WN1M	N3YZ	DB9CR
W0LGQ	K5WRE	ZL3PAH	OE6BME	DL1TPY
W3UNX	K7BWC		TF8GX	DL2AMD
W4OV	K7MO	111	W1ZZ	DL2NAI
W5WS	K9DUR	AD7XG	W5JE	DM5TI
WB4MM	KA5OWI	AJ6V	W6TCP	DU1IVT
WJ5K	KB1OIQ	AK4N	W7YED	E70X
WS4H	KB2TGU	EI9CN	W8TE	EA5XV
	KC0V	F8DZY	W9GFB	G5CL
114	LU3JVO	G4ZWY	YB1SKR	IK1RKN
F6FHZ	M0NGN	HB9ECS	YO5QAW	JA2DCN
G3CWW	N6DW	JA4DLF	ZS5LEE	JA2KGQ
HC1HC	NA9L	JA5EEU		JH1OVY
I0BJV	S52R	JE1TNL	109	JR4NUN
JA1CCH	SV2DSJ	K2KYH	AA4RX	K1FUG
JA1CPU	VA3AYA	K5NV*	AC8AZ	K3XO
JA8EIA	VK7ZE	K8ZEE	AF3K	K4GHS
JG4OOU	W1FC	K9JIG	DL9QJ	K8LBT
JM3XZC	W3JM	KI2Y	F5DBT	KC8YG
K1RE	W6BBS	KM5VI	F8DHE	KE3ZT
K2IRM	W7CD	N4NYY	G0MMI	KE7AUB
K3PL	WB9YJE	NT5O	JA5GOJ	KI4SFT
KB1W		PT7CB	JA9IWR	KJ2AM
KI8AE	112	TA1UT	JH4GNE	KJ4SKO
N3DD	3C3CA	TA2RC	JI1IZS	KO4XI
NA1DX	7Z1CQ	TA7AZC	K0FD	KW1X
NG8T	G0DTX	W7WT	K4AEN	LU2AH
NK5K	G3YFE	W8PE	K6JAD	N2IFA
W0QKL	GM0SCA	WB8PKK	KA4AHU	N5FPW
W2ZK	IK4EWN	WU4B	KB7DT	N5TW
W8LR	IS0BQE	XE1ZTW	M0AQM	N7TP
WD0AJG	JA4RED		N4LS	TF1A
WN0L	JA8WGX	110	N4WD	VE7VV
WT9U	JF3AHI	AC0B	N6RVI	W4DVG
XE1EE	JH0LME	AG5Z	NN8L	W6CN
YB2BNN	K0XM	CT7ANG	NW6R	W7SMW
ZS4JAN	K4HEB	DK4MX	NX1P	WB5ZAM
	K4ZMV	EA1BLA	NZ3M	WC4B
113	K4ZRJ	EI9HX	PF7M	
AB1NS	K8CJY	G4VWI	PV8AJ	107
DL2DCX	K9KDS	G6MXL	PV8DX	AB7RW
EA5DPL	KH6P	HB9BEP	SP7ASZ	BG8PA
EI2FG	KY6AA	HG6IA	T88UW	DJ5FZ
F5EOT	N0OK	IZ1EPM	W3ATV	DK2GP
F8GB	N2SO	JF3KOA	W3GP	DS4OMS
G0UII	N8AID	JH1FRW	W4JDS	E73D
G4NAQ	NQ4A	JR2PAU	W5SG	EA2BFM
G4YCS	NZ7Q	JR4DHK	W7CB	EI5GSB
HB9GZE	S51DV	K3MSB	W7VP	IC8XIL
JA2CPD	W1USN	K4KAL	W9JJ	JA3MAT
JA4CSJ	W3WN	K4RP	WA6URY	JE1CTA
JF1AZQ	W4LLP	K6DJ		K0FJ
JH1GNU	W5GCX	K6SLO		K2FJ

K2ZD	M0PCB	NK7L	WF8Z	JH1IHG
K4LQ	N4DJT	OH6IH	WX0B	K1MDA
K6DLB	N6UOZ	PV8RR	YB1BUL	K2DH
K7UWR	N7MW	VU2DED	YO6HSU	K2DW
KA4LBD	N8OYY	W1PY	ZS6HON	K4HR
KB0EL	N9ZJ	WB8LEM		K6BLG
KF2G	NG4C	WD4OHD	103	K6JAV
KF6XA	NI7F	WK3A	AF8P	KA8HDE
KJ4FZ	NS7K	WZ9B	DS5JMG	KB1AWM
LU5OM	PT2DF	YU1LD	EA2RY	KE9V
N0MHL	PY2OC	YV4EH	EI9GLB	KO3F
N1UZ	UA0ABB		FM4LV	N2CJN
NI8Z	VE3BHZ	104	HB0RER	N2FY
OV2B	VE3XK	7N4OBV	JA7HYE	N4IR
PP5VA	VU2MB	AA2WC	JF1KIG	N8KOJ
RM6LW	W0TLX	AA6XV	J11FXS	NA4D
SV3EXP	W4/KL7GLL	CT3DZ	JP1KHY	NN5O
TA1CQ	W6KF	EA4EJP	K0OOK	R9GM
UX5XK	W7GB	EI3HA	K1FBI	S51MA
V31MD	WA3IIA	EI4GNB	K2RNY	SM0XG
W5HY	WA8Y	F6ARS	K3PIN	US8ZAL
W8JA	WV4E	FM5FJ	K3TXW	VK2GR
WB2BXO	ZL3RIK	G0DRM	K4NI	W1GF
WB2MKX		GW0ANA	K4PWS	W1MRH
WC2L	105	HA5DI	K4SAW	W4GHW
WM4W	AA2F	HB9BMY	K6XJ	W7FS
WS7I	AI1W	JA1CC	K7HV	W7HJ
WU1U	AP2IA	JA1DHY	K9WMS	W7IMU
ZP6CW	DL9GTK	JA1RBY	KA7CVJ	W9GWP
	E29TGW	JH1MYJ	KP4DDY	WB4PWZ
106	EI6GF	J14HKA	KQ6K	WB7QBS
AB6WQ	G3LOJ	JQ2MPJ	M0UPL	WD6T
AC7DX	HL4GHT	K0BRO	N1MIE	WD9IOK
AC8IL	JA1JYS	K1TWF	NB3R	WN9A
DS2GOO	JA1SZN	K2CQW	NI5G	XE1SAX
DS5MNO	JE6UWU	K4WW	RX3BP	YB0EIN
EA3AGY	JJ2BLV	K5JUC	VE7XT	YB9AY
EW4DX	JK1AIA	K7UW	W0PPA	YO6BHN
F5VIF	JK1AKA	K8WVA	W2SUB	ZS2ACP
F6JSZ	K0MB	KE4YOG	W4CU	
G0OJG	K1EO	N1FOJ	W7KHZ	101
G0RPM	K1ETA	N3PW	W7UV	AA9D
G3LPS	K5WE	N4PAJ	W8EH	AB2NI
G4FVZ	K6GCN	N4ZR	WA8KNE	AB4EJ
HI7SB	K7CMZ	N8TEM	WC9C	AB8YZ
IZ4IRO	K8FB	N8WXQ	YB1ALL	C31MF
JA3AOP	KJ8N	NA8W	ZL1IM	DD8BA
JA3FRI	KK4MA	OM6CI		DD9WG
JF7NNI	KR0P	OZ9U	102	DL3XAC
JJ1IRS	KZ4EX	PY2YW	4X1VF	EA4UV
K6VWE	LA9JKA	RV4LC	5H8HZ	EA8TZ
KA9TOX	LZ1JZ	VE3ZN	5W1SA	G3VDB
KI0KN	N2YU	VK3MB	AC0XY	G4GEE
KI4NSP	N9APK	W0VU	DB2WD	G4PUQ
KM8V	N9IXD	W9GXR	DL4FDM	HB9PUE
KR4U	NC1M	WB4HMA	IC8SQS	IK2HLM
KT5V	NC7M	WB7QXU	IZ7QSS	JA1KZP

JA1QEY	AA7UN	KE8NOA	WA3YZD
JA5ALE	AC0DH	KF5MDZ	WB0RXQ
JA5JUG	AD4J	KF5TL	WB2ZEX
JK3NSD	AE4VJ	KF9EX	WB6RAB
K0GEO	AK1P	KG4IYS	WB6RJH
K3AXB	AK4AO	KI0G	WD1M
K3LA	DB6VH	KI3O	WD4GZW
K5HX	DC1TK	KI4PG	WI0E
K8PGJ	DK1MCS	KK6MF	WK7W
K9GL	DK7GH	KL2R	WM4D
KB5YN	DL3ANK	KL7XO	WM9Q
KC3OPI	DL5JH	KR4Q	WU1T
KC4ZA	DS4GQR	LA4EI	YB6LAY
KD2RUY	EA5PS	M1EMC	YE1AR
KE9UA	EI2HZB	N0JX	ZS6CR
KJ5RC	EI4DQ	N0KM	
KU4A	EI4GJB	N0VTZ	
LA3ANA	EW4A	N1KI	
M0PTZ	F5JWH	N3NVA	
M5LRO	G0GFC	N4GOA	
N3CAL	G8GFF	N5CR	
N4PF	G8GNI	N5LJL	
NC8I	GW0KRL	N5LKE	
NJ2X	IK7NXU	N7WFK	
NZ1I	JA7PKV	N7WR	
OZ5JQ	JE7KCI	N8HM	
PA3AIN	JG0HEW	N8URE	
R2ARR	JG3LDD	N9MKC	
RZ6MJ	JG5VFK	ND0B	
SV2BXA	JN1RFY	NE3K	
SV4FFL	JR4VEV	NX6D	
TG9AKH	K1HC	OM2AGN	
UA4PK	K1JX	OR4K	
VA2GA	K1PTF	OZ1GCT	
VK4BUI	K2UF	OZ9GA	
VU2OT	K2UT	PY5VC	
W0ZX	K3NO	R2AB	
W2FDJ	K3QB	SP2LLP	
W2GHD	K3RRR	UR8IDX	
W2PD	K3WSU	VA2EU	
W3RMS	K4GM	VE1JF	
W3SW	K4KYN	VE3KKB	
W4PM	K4QS	VR2PX	
W6OU	K5LLA	VU2OY	
WB5KSD	K5MMH	W0RMS	
WD4IXD	K5PSN	W2MW	
WM5H	K5VSD	W4CG	
WU6K	K5YE	W4DFU	
WX7B	K7VL	W4YR	
YB8HZ	K9EA	W5PD	
YO2OXD	KA1CTL	W5YKU	
	KA2F	W6OZI	
	KA4H	W9KM	
	KB6IGK	W9ZT	
	KC5N	WA2ALY	
	KD1DT	WA2VJL	
	KE1IU	WA3UTC	
100			
2E0XAR			
9M8DEN			
A41ZZ			
A71EM			