

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 27 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	UA3AB	320
330	JJ2KXK	JF7XKY	W7AO	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
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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	W8OI	JH3VNC	K4IQJ
NI0G	N3NT	W9OL	JH4ADV	K5BG
NO8D	N7RT	WB4TDH	K2VV	K5DU
OZ1CTK	OZ1AXG	323	KV7K	LA2PA
R4GM	SP5DIR	EA3GP	KX4R	PY5EW
SP6CIK	W8DCH	GM0GAV	LA7HJA	R3VA
SP8NR	325	JF1KKV	N4PQX	RA7A
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WA1JMP	HB9DHK	JJ3PRT	OE6MDF	SP1MGM
328	I5NPH	JR2LJO	OE8RT	VE3LYC
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AD5A	JA2FJP	N5TY*	SV1FJA	317
DL7MAE	JA5WIZ	N8RR	UT7UJ	AB9V
IZ5EKV	JE1SYN	NY0V	W4FC	DJ5FI
JA1SJV	JF1PUW	OH2BLD	W8GC	DK2NG
		SM6DHF		

HB9HFN	WA7NB	312	K8QM	K9RX
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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
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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
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RV3LO	UT9FJ	UR0MC	KN5O	JA9GPG
SP1JRF	UX0FF	WB9CIF	KS1J	JE6TSP
UA3DPM	YU3AA	WD0DAN	N8TR	JH7RXU
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
9H1SP	JA7JWF	K6RO	W6ENZ	W5XC
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
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PY2NQ	ZS6EZ	JA1EOD	JJ3HGJ	
SM3VAC		JA1VSL	K2SHZ	303
SV2DGH		K1AR	K3RA	E72U

EA3GHZ	AC0A	JE8CLT	294	R6AF
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HL4CJG	EA1AF	K8WK	EA6NB	W6SR
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IK4ADE	IZ5RVG	KG7H	HA9PP	
JK1EXO	JA9AA	KT1J	JA1FQI	291
K7WP	K3XA	W6YI	JA5SUD	4Z4DX
K7ZA	K8GG		JE1GWO	EA6ET
K9MK	K8TL	296	JJ1DWT	G0EHO
K9US	K8VFX	AA4R	JR1DUP	IT9CVO
KB1JZU	PA3CSR	AA8OY	K7ZV	JA9FAI
LA3WAA	UR5EDX	AD6W	KZ4V	JH1BAM
RL3FA	W3OA	CT1DOF	N0KV	K4ZO
RW4NN	W3RJW	EV1R	OE5BWN	KP2A
SM6CUK	W5VY	GM0AXY	RU6L	LA5HE
SP2BMX	W6TC	JA1JAT	SV3DCX	N2TN
SP3IBS	W9AJ	JA7LGE	W3JX	N7IR
SP7HOV		K3PA	YO2CMI	N7RO
SP7ITB	299	K6FW		VE3CFK
W1SKU	4X6ZK	K8VC	293	W7BEM
WT8C	DM2DXA	LA8PT	DL1HRN	W8TN
	EW2A	N0RB	DL1SMA	W9FR
302	G3SVD	RA3QK	EA3WD	ZL4TT
DJ5JH	HB9RG	SM6BZV	IK0HFO	ZS2DL
F5CQ	IK5RUN	SV9COL	IV3YYK	
HB9DDO	IZ4MJP	UA6YW	IW1QN	290
HL2IFR	K6SIK	W2GG	IZ8FWN	AA4A
I1EIS	KB8VAO	W9JA	JA2CXF	AJ9C
IW1ARB	N9FN	YO2RR	JH0BQX	DS1JFY
R5DT	UA9FAR		JK1TCV	I4KDJ
RK4FD	UN6T	295	K3FRK	JA1KQX
W0VX	VE3BW	DL1DUO	K4JAF	JA1QXC
W4QN	WA3AFS	EC3A	KD0Q	JE2DZC
WD4LBR	WA9PIE	IW0SAF	N2LM	JE2EHP
		JA1BPA	N4RWG	KD0PO
301	298	JG0CQK	PY2IQ	LA2QM
AE5E	5B4AHJ	JH4ALY	S55DX	LA5LJA
CU2AP	DL7BA	JM1FHL	W7ZJ	LU3CQ
HB9BOI	G5LP	JN1RQV	WA4FFW	PP1CZ
HP2AT	IW0HQE	K0BBC		SK3PY
IZ1LBG	JA1WSK	K0TPP	292	SV3AQR
JA0DIN	JA4ITW	K1GG	DL5CW	UN7LZ
JA1LSP	JA5BEN	K4XD	E72A	UN7TW
JA1SVP	JL2JVX	K5VIP	EA5AT	W1EQ
JE1LFX	JR7WFC	K5ZK	G4GIR	W2LK
JG8FWH	K2PK	N7TY	G8DX	WB9EEE
JK1GOK	K8EUR	NA5C	HB9BAT	
K4SE	ND0N	RM0F	IZ0RVI	289
MM0EAX	PY2VA	SM5FUG	IZ3ETU	AJ6T
PY7DJ	ZL1BYZ	SP8HKT	IZ8VYU	DL9TJ
RN3QN		SV1GYG	JA3ENN	JA8EJO
SV2AEL	297	VU2PTT	JA3EOP	JA9FPI
WB5JID	E73Y	W5LT	K5DHY	JA9IFF
	HB9CQK	W6XK	K7ZD	JG1WSC
300	JA3RQ	W7AL	LU4FPZ	JH4GJR
9K2OD	JE7JDL		N8II	K3UL

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	OZ1LCG RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO
288 HB9RYZ JA2JRG K1DG LZ2JE N5LZ N6UK ON6AA PY2KP UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU K6GXO 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 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 OZ4VW RW7M W4HG W8QZA/QRP
				272 AF9H DS5ACV

I5OYY	269	WB2GAI	262	SV1FJP
IK5PWN	HB9IQB	WB3LHD	CU3EJ	TG9NX
JF1LMB	IK7FPV		I5REA	W2XI
JH1OBS	IK8EPC	265	JA8BAR	WA5LFD
K1UU	JA1OVF	4F2KWT	K8AV	WV8DX
K6IPM	JA1VLK	G3WPH	LA6UL	
K7EG	JH3FHQ	JA4FM	LA9FFA	259
K8BL	JP1NWZ	JH1ACA	LA9GX	CT3KN
K9MBQ	K0KT	JR1WCT	N3RC	DJ8NT
KA1ERL	N4UOZ	K2CBI	N8OC	EA3EQT
KI4GE	N6RV	K2SN	NK4L	EW1BA
N2DPF	NW7E	N5KM	NX0I	JA8BNP
N4JQQ	OM4EX	N9JV	SP6JIU	JE2RDO
N6PSE	SM5FWW	NU1B	W5ZG	K2UFM
N9RD	WA0RVK	W6RS	W6NWS	NI3P
NV9L	YB1AR		W7LGG	PY5CC
OE5FIN		264	W7QDM	W1KDA
PA0ZH	268	4Z1UF	W9PZT	W7AH
SV1ACK	7M4AOE	EA1KP	WA3GFM	WS9V
W2OO	HB9BUN	F6DBX	WB8ART	
W3ACO	JA1NWD	HB9DHG	WQ6Q	258
W3AP	JA6GPR	IZ0NRG	YB2DX	CU3EQ
WA1S	JH4HMG	JA1IAZ		DK7YY
WL7E	K2KA	JA7HRM	261	HL3AMO
ZS1A	K6BV	JR4LNG	DK3PZ	IK4AUY
	KD4W	K0DD	G3UAS	JA9AGN
271	N2AJ	K1CA	IZ8IEV	K0TT
4X1RU	N5JB	N1EN	JA3FHL	KH2L
HL4GAV	SM6BGG	N1GC	JA4VLK	SA0AQT
IK2DZN	W2FV	PA7TWO	K2FW	US0YA
IZ8EJB	W9OO	SV1CQN	K7LJ	W1SSN
JH1OCC	WA1YTW	VE3YF	KM1D	W5JAY
JM1HJG		VE6AX	LA5SJA	W9EWZ
K3PU	267	W5PF	OM8FR	ZL2IFB
KB1EFS	IV3VBM	W6TMD	SM7CQY	
LB2TB	JA2QXP	WV4TN	ZS6WB	257
NN4X	JA7BEW			AF4HX
UA3TT	JA8UIV	263	260	DJ0UT
W1MK	JJ1TKN	DK4TP	AA9A	DL9FCY
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XE1MEX	K7XB	EA4DL	EA9IE	EA7SG
	KI5BLU	HA7UW	EC1AIJ	EB3CW
270	N3VA	JA7XBG	F6HLC	IK2PZC
7K1PTT	SM5BMB	JR8AMF	FG5FR	K1SM
AA4FL		K1KO	JA2FBC	N1API
BA4MY	266	K4KAY	JA3VPA	N6HC
CT3MD	EI8IU	K8FH	JA3WLN	PY2MC
DK8MCT	IK0UTM	K9FN	JH3FUK	RU1AB
EA1KY	IW7DVM	KN6KI	JH4ADK	SV1VS
F9XL	JA3BXF	N1RR	JJ2WOC	W0JM
K0BJ	K8AJS	N7BT	K1ESE	W3FI
K7UA	PZ5RA	NA5Q	K6EME	W5DM
K9JF	RA4CA	NF1G	K8YSE	W8MJ
N4QQ	SV1HEP	SM7IUN	LY1G	
OE3HWC	W0FLS	W0GG	N6MZ	256
PU2POP	W7Yaq	WA4LOX	NT5V	BH4QYX
VE6LB	W8MET	ZS6NJ	SK7AX	EC1A

FG8OJ	W2/CT1GIF	K9YC	N7DED	G4XRV
GU0SUP	W6RW	K9ZM	NA9RB	JA2EPW
IK4HPU	WF4U	KQ3F	PY5IP	JS6TWW
JA0KJE	YB0COU	OH2IS	S51NM	K8ME
JF2VAX		PA0JSE	W7IB	W1BR
JH1RGG	252	PY2FN	W9JJB	W4PNY
JM1GHT	DL7UPN	UN3G	WS5W	WX2U
K4JJW	F1ICS	W7HPW		
K6EID	G3KWK	W7IU	246	242
K8RRT	G3NKC	YL2KF	AA7G	G4FKA
M0TTB	JA1BNW		GW4TSG	JA4ZA
N1SV	JA4HAW	249	HL2EIZ	JH1ERJ
VK3NX	JE1HRC	AF5CC	IV3KFB	JH1WJR
W8JRK	JF3PNQ	HL2CFY	JE1VTZ	JK1VXE
WB7B	JH4CBM	IZ8GGF	JK1WSH	JR1MLU
	JL1BYZ	JA1EMQ	JR7GBL	K3NQ
255	K1EFI	JA8FFM	KB6CIO	K4PB
AI6Z	K5FZ	JH1APK	N6PM	K7FEL
EA5RD	KB9DAK	JH8GEU	W1KMA	KJ7M
F6ECI	W2GW	K9NR	W3ICM	N2NS
HC1BI	W2ZI	KF7F	W5ZO	N6HY
HL3DE	W7CA	KM6HB		NF4A
IV3TMM	WA4CEM	N0RN	245	PA3BWD
JA1VRU	WA4JQS	N3KN	AJ8MH	RC2A
JK1OPL	WV6E	NH6T/W4	G3KMQ	VK3BDX
JR3UIC	WV9L	OZ5NJ	HA5PT	W8CZN
KR4F		SM4OLL	HB9JOE	W8GNM
N1RK	251	UN3GX	JA3QOS	WB8K
N5BO	9A4W	VE3YV	JJ6DGP	WC3W
VR2XMT	DL2RTL	W0RX	K3EA	
VU2CPL	JA1DDZ	W8IQ	KF7PG	241
	JA1SKE	W9RC	N0AH	AB5C
254	JA5BGA	XE2D	N2NW	IS0AFM
BA7IO	K4VIG		NZ3O	JF6XQJ
CT1BWW	K8CW	248	OE3KLU	JP1IOF
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JH1VUO	N4SC	G3VPW		KV1E
JH2VVH	N5UL	HB9DOT	244	N4OA
K0GW	NV4B	HL2KV	IK8UHA	N9SF
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KI1U	W3ABT	JE2VLG	JI6IHG	W5QM
LA5YJ	W4SK	JJ1SKG	JJ1QUV	WA8MCD
NE8P	W5GAI	KF9UG	K0KG	
UA3O	W6DE	N4XP	K1KA	240
	W8OP	N6KZ	K1YR	7K1CPT
253		SV1IW	KK1W	E21EIC
AC9O	250	W2TB	SP6A	G7SSE
FG4NO	6K5YIA	W8IW	W0QQ	IW3GJF
JA6IVR	EA1RT		W4REX	JA1DM
JA8XQI	HA7TM	247	W5PJR	JA2FSM
K1FEV	HB9EFK	CT1FUH	W9FI	JN1NBU
K6MKF	HI8R	JJ1BMB	WA2USA	K9JU
K8DV	JH6PFY	K1PL	WA3F	KF0LA
KE1F	JL1MWI	K3VAT		N0ABA
N7XR	JR0EQQ	KH6M	243	PY2GG
UA0FO	JR5JAJ	N4QWZ	DS5TOS	SM3LGO

SP5LKJ UX5UO W0SZ W8WEJ WB8CQV XE1RBV	W6AER W8UN WA0ROI WB8B WB8ZRL YO3JF	JK1BSM JR1VAY JR4LZX K4JC K4MF KE5FXE KE8UM KX2A ND4V W3WST WA5UA	JA1MZL JH0AWC K2RU K4YJ K5IB KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH	KE0A KE4UW RA3QUA UN9L VR2CH
239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO JE2UFF JH1DGJ K1XV K2XF K4QE K8YYY N8SHZ OH7TV WA6JA WB4KTF	236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JH1UBK JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA VU2CDP W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX	233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S	230 G3LUW JA5NPV JA6AVT JH7WQX JI1VVB K2SY N9PGG SV8CKM W2KA W8FIB W8WVM W9YE WB2NPY	227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5SL WA9GON
238 G8AJM HB9MFM JA0LXP JE1PNX JF0JYR K9GA K9OR KA4RRU M0CSD N4PJ N5ZC N9UA W4KA WA4QMQ WB0TVY ZL4AS	235 EA7QW EI2HY EU1U JE1IBI K0EOO K0VSH K5CWR K8ZM N2FF N4IQ NA5Z NW4M TA1CM W3MR W7YW	232 AC9EM EW4C G3XLF HB9DVO JH0OXS JH6DUL JR3VMJ K4ST K5FNQ KK9H NJ7G NY2NY RQ3A SV8DOU W2DXE W6CYX W9ZCL	229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO K0HD K3FM K4CMS KD1F KI4DLS N3PS N4NW NE6I W1WC YB1TJ	226 DM2RM EA5B I0OSI JH1IED K2BA KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE3SKX VE7TK VK4CAG W9DX
237 CT1BOY G0VXE HB9CXZ JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB N4HID SM0MPV	234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA	231 AD5WB DK6OR HL2ZN IK1YU	228 7J1ADJ AA0MZ F1RAF F5LIW JF1RYU JF1WLK JH2PWY JH3GFA K4KGG KB1DMX	225 DK5RL DS4AOW DS5DNO EU1M JA0EVI JA4CZM JE2EBT JF1MTV JH8NQV JL3OUW K0OK K1JIU K2HAT K3SF K4JWA K5YU

MU0FAL	221	WW8W	JP1GUW	N4FN
N0ODK	EA2AAZ		JR0AMD	SM5AOG
NA2AA	HB9HBZ	218	JT1BV	SM7GIB
W5GZ	IZ1JLG	DL2NOM	K1TZQ	VK5GR
W5LO	J11NJC	DL4NBE	KF4NEF	W5DAW
W5TFW	K4CGY	I7PXV	KO6KD	WW2DX
W8UV	K4MV	JH1OGT	N8NN	YL2TW
W9KVR	K5DV	K1NJ	RN9N	
WE1P	KU4XO	KE3D	W0FG	211
YO9FNP	KV4AA	KR2Q	W0TT	JE2KSM
	N4TOL	N4JT	W1JGS	JJ1JMZ
224	N9JR	SM7WVZ	W4IS	JJ1KZZ
JA1OVD	RU0SN	TZ4AM	W6SL	JO4JDU
JA8NFV	W0BM	W5GA	ZL2AL	K3SX
JO1LVZ	WA0WWW	WA2NPD	ZS2Y	KT2C
K1CBK		WC2K		N1BY
K2TER	220	WC4H	214	VR2XLN
KZ5DX	AA6RR		3A2MW	WY1G
N3RW	DL4DW	217	DJ3AS	
N7WO	DL4LAM	IK0CHU	F4GVO	210
RW4CY	EA5DFV	JA2NNF	HB9VAB	AA4LR
SM7BHH	EI9FVB	JA7ZP	JN7DOS	CU3AN
SP6AXW	K1DJ	JG5RVQ	K0QQ	JA7FAS
V51B	K1NTR	K0NV	K2AZ	JH6RTO
W5RF	K4EU	K1RH	N9KW	KD4SN
W7NN	K4MIJ	N6QI	PY2RO	KD8RQE
WB0O	K5MT	OZ0J	SP7ICE	LU4FW
WN6K	K6MM	W0TM	W0KCJ	PY2WC
	K7AWB	YO3IPR	WB6BFG	S54A
223	K9WX			W5WP
AB4UF	KV4T	216	213	W6WF
AF2C	KZ9DX	CX2CC	9A1AD	W7FP
EA7DUD	NY1V	DJ3XG	AG3V	W9IL
I8MTQ	ON4ATW	EA2AFV	DK3UA	WA9BZW
IK2RZP	SM0DSF	G4VMX	HB9HIT	WK8A
IZ8MBW	UR4IOR	K7LV	IT9ODQ	YB0DJ
K6IPV	W5THT	KK4OW	IV3FFI	
KI6CG	W8LMG	KR4W	JA1FVS	209
KW4V	XE2X	KX4TT	JG1JPE	JH8UQJ
N4ENE		LB6KC	JG3RWX	K0LB
	219	NC4RB	JR1EFG	K0VM
222	F5JSD	PS8ACL	K5ALQ	KB2FCV
AK5Q	HB9BNQ	W0SR	KK2M	KB4MRX
DJ9SO	HL5BMX	W5VQ	N6PEQ	KO8SCA
DL5XL	IK5QPS	W9MO	N8GP	N4TD
E77S	JA1FJJ	WB3D	NA2M*	N9XX
IZ7AUH	K5CD	WS1L	VK3FM	PU1KGG
JM1VRW	K5JZ		W1LE	SM5BNK
K2AT	KD2T	215	W3BJ	W6DCK
K6ZZ	KE6V	9H1EJ	W7HR	W8BLA
KB5UNX	KG6I	AA7XT		W8HMK
KS4YT	KI7AO	AA8SW	212	WB0ULX
KU8X	KR6C	DS4GKF	G4ZOY	
RA4P	N1KC	HB9IIO	JA1BWA	208
VE7BV	N6DX	I1YDT	JA3LDH	HP2NG
	W6GRV	I5XFD	JR2PZX	JH0NOS
	WA3I	IZ0BVU	KU4BP	K0THN

K4WES	JA4DHN	W1AW	DL8DWL	SQ7FPH
K5RJ	JA7JM	W3NS	IV3BSF	UR5FEO
N7WS	JA7MNF	W4RDX	JA6ENL	VE3YXO
NU1O	JO3WHB	W7TUS	JM1ESG	W3ML
NW6S	K4YYL	W7VY	K7PT	W3SB
W1FA	K5VR	WE2N	KA1J	
W4WN	K9SG		N3ND	194
W5FPT	KW1DX	201	RA3BL	A65BD
WA6G	N2KI	DL4FAP	VK6OZ	EA5ZR
ZS1J	OH3OJ	GI4OWA	W6SHY	K1LT
	WA4MME	IZ0GYP	WA2VQV	KP3AH
207	WI7P	K0MFI	XE1FAS	KR8T
9K2BM	XE1J*	K2CYS	YV5LI	NJ3K
DG5LAC		N4PYI		SP6EIY
JA7MAD	204	RT5A	197	VU2LBW
K6ZP	KB5HC	W1OP	4X4MF	W4DC
KE1VT	KM9E	W6AEA	BA4TB	W5UHQ
M0HIH	VU2IBI		EA1DLU	W7PAQ
M0IKW	W4GP	200	IT9AAI	WA1NXC
N9AKR	W7IV	HB9AGO	IV3AVQ	XE1R
OE1JIS	WB8BZK	IZ5FSA	JA2MNB	
ON4ANN	XE1L	IZ8EKL	K6TAR	193
RD9M		JA3EY	K8SIA	7L4VYK
TF3DC	203	JA7DPC	NN5E	AE4CW
VK2CA	7L2QAD	JH1FVE	W4DAO	DH3KM
W1MJB	DF3EC	K1ZJA	W4HZ	HI3T
W4GE	F5NBX	KC6JAM	WQ5R	I4UUL
W6KK	IK2RGT	KM4VI	XE1H	IZ5MOQ
W9QO	IZ0BTV	LA6OP		JA0AXV
YB0MWM	JA0CIU	N1IA	196	JA1QIW
	JA7JPZ	PY3VB	CT3CD	JA3PRM
206	JH8NBJ	VK6LC	DF2UA	K3NF
AG5W	K0CS	ZS1DX	G1VDP	KM1C
CT1HHP	K1VI		HB9ESS	KZ1W
HB9CRV	K4GO	199	I7LGM	LZ2ZG
IW9DNI	K4JKB	AA3TH	I8YAV	N4HN
IZ4DIW	K9OW	AC0X	JA1XRA	NU4B
JA4DNC	K9TF	AD4AA	N2GZ	PY8WW
JF1IRW	KA1DJ	JH0RVY	N3QE	SM5ELV
K8NK	KK8MM	J11WLL	NA9A	W8NN
KK5OQ	KL7TC	JM1SZY	SP3F	WA9DU
KK9T	KM7R	K4SX	SP5MXZ	WB6CJT
KW4CQ	N2ZA	K4VNY	W5AAJ	
N6ZN	N4TV	KC2SST	W6HYI	192
N8BJQ	N6PAT	KI4WCQ	WB5NHL	F6FYD
ND3L	N7ELL	MU0GSY		HB9FBG
NW7US	SV1FKZ	N2RR	195	IZ7GIT
W7IUO	W1DYJ	PB9FN	CT1ELF	K1JD
WA3WZR	W3BNN	V51YJ	JA7QQQ	K6XN
WB0N	WA3FRP	W6JZ	K4KEW	KJ4UZU
		W6UC	KE4S	KJ4YLO
205	202	W9LN	KF9AF	N4XYZ
AC9S	BV1EK	W9RXJ	N3XM	NC2Y
DL6UNF	G3SBP		NA6MG	UR3EO
GM0VRP	IK5BOH/2	198	NN2D	VA2IG
IK0WRB	JR1IZM	AG7N	OH6NIO	WQ5T
IK3GBG	N8WD	DJ0MCH	PP7LL	YB1TQL

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	SV2CLJ VA7DX W4PGC W6FL W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	SP7QHR W6SIY W9CSX
174 AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K9HQM K9UQN N7NW NG9J W5JMW W5WI WA4BIM WA4NUF		168 A92IO EW1P JA0PZJ JE4KCN JH1ORA JH3EQP K0PC K0RAR 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	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1PCX JQ1YIW K6JJ K7CU LA2GH N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ N9ATF PT2ADM PY2SEX TF3VS WA0SXV WA5NFC		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	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N4MI N5MT RD3BD	166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K0FLY K0PX K7CTV KM4HQE KN4FO KR4BD KW4J	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY KL7TS N2XQM N7WI NA2P PT7DX S50B	161 HL3ERJ JP7FSO K1BZ K2OP K4AR KM4A

N7QT	158	JM1LPN	JR7MAZ	N7MB
NA6XX	9J2BS	K2HT	K0YL	NU4I
OK2ZDL	G4SGX	KA9OKH	K3GO	SM0NUE
SM3PHM	IK3DVY	N5QZ	K4OY	VA3EJN
W5BK	JJ1KXB	N7RD	K8ROK	VA3HP
W5RDW	K4HQB	W1MR	K9MMS	W3HER
W6DOE	K4SAF		K9YZ	W5WLA
W9GG	K8GWU	155	KF9LI	W6WA
	KB2XJ	5P5Q	KK4XL	WA9JWL
160	KC3AK	AB4GE	LA2IR	WC2C
E70T	KF7NN	DK3QM	M0MCV	
EA1WH	KJ7NO	F6KOP	N0VVV	150
JA1ITJ	N4XMX	G0THF	OH3FVP	DK3BK
JA1UOA	N6MM	HB9GWJ	SP5NON	DK3FB
JF3VEC	N8TFD	IV3TDM	W3DIY	DL9SAD
JG2LGM	OH3DP	JA0EBV	W8OM	HB9EBM
JK1EBA	OH3PYY	K2DF	W8VK	IT9ABN
JK1NPH	W0JMP	K4EZY	WB4SON	IZ2MHT
JR1CAD	W8LIG	K4WM		JA1IHD
K7LY	WB2RAJ	KM2O	152	JA6SUY
KC9K	WB9B	M0IFT	AC6BW	JA7GZM
N0IW	WB9ZNZ	N1QY	AK9B	K5HK
N4MEC	WT2P	NH6L	BX5AA	K9RT
N5WA		NK7Z	DF2WF	K9UWY
N8IL	157	NO9E	DU1KT	K17M
NI5F	7N3IJT	NU1T	G4AFJ	KX5U
W1TO	AB2E	OE1HHB	IK5BSC	N6JOJ
W9FF	E20YLM	UT7EC	IZ0FUW	N9IO
YO8CRU	EI2JD	W5SV	K2EK	NM4SH
ZS6RJ	GM4KHE	YB1AYO	K4RDU	ON6ZV
	JA0NZR		KD2OV	SM0BSO
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AA3AZ	JA3MHA	AC8TO	N8IK	W3KB
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EA1P	KN7Y	JA4HXF	W2NY	ZS1C
IK0WMJ	N0SL	JA8ANQ	W6RFF	
JA0ED	N4QM	JE6PJP	W7JET	149
JA4FKO	N6VH	JH1AQN	YV4DYJ	7N2JZT
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K0IO	N9MB	JR3QHJ	151	ER0FEO
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LA8ZAA		N7JB	IK1UGX	K2KIB
N1MD	156	NE5W	J68HZ	K2RET
N4VG	EA3HPX	W4CIR	JA2BUR	K4TXJ
NE5S	G4FTC	W5TMC	J13BFC	K8WHA
NF7D	GM3WIL	W8TM	K1QN	K9EXY
OT1A	HB9HHH	WA9MAG	K3GW	KM2E
VA3NXM	HB9MXY	WN7J	K4DET	KP4DS
W1EBM	JA1CCG		K7LAY	N0STL
WD5BJT	JA2ODB	153	K9AAA	NE0U
XE1MW	JA9RT	HB9BEM	KE4BKL	NU4Y
	JH2AJY	JA3UOQ	KE8G	NZ0O
	JL3DGI	JH2NWP	KK4CLY	RT0F

TF3Y	NJ1Q	KG6D	K0UBR	137
UA9MC	SM3DXC	KJ2U	K5GZR	DL2RD
W4MA	TF4M	KJ4R	K6EV	G3PSM
WA1EHK	WA2MUA	KN7K	K7VC	HL1MKT
WF7T	WA3SKQ	LB2TG	K7YMG	JH1SBE
148	WW8RT	N2YBB	LA8PDA	K2CDJ
4F3BZ	XE2B	N4GBK	LZ2HM	K2RKJ
A71AM	YB1BML	N4UP	N5JED	K4AU
AE0MO	ZS6UT	N7ZA	VE3NJC	K6IRA
F5NNN	145	TG9AJR	W5VU	KP4N
IW5EIJ	5T5PA	W4JVN	W9BS	N5RN
JF2AIJ	AA5TL	W4UFO	WB1ASL	N7VZ
JR3PKO	AC7JM	W7VS	WW6G	N9NFT
K5LY	AL7TC	WY0V	YB3MM	NI4Y
KA3GWD	DL1MEV	142	139	OE3JAG
KB8ZUN	EA4S	AA4DD	F5VML	SM5CSS
KD4EE	EA7LS	I4JEE	HB9ARK	SP3EPG
LZ1MDU	EI7GY	JA1PUK	HB9DTE	TA1AL
N0TK	F1OBJ	J11UHZ	HL4CBX	W2GGY
NJ6K	JH1CTV	K2CJ	K0QB	W4UEF
PY2CP	K5FXB	K3GT	K9TRV	W9MR
VE6TL	KQ5M	K9UO	KX4I	WA0WOF
W4AFB	KS0M	KA6BIM	N0CKC	WA5YOM
W4AG	N6KK	LA1J	N2SG	WG0G
W9GM	NS4X	W8WV	N7NF	WS1F
W9MAK	W3DQS	141	N7UJJ	136
147	W7NP	7K3QPL	R9MJ	DM5JBN
AB9KZ	WR7Q	9H1AE	ZL3TE	G0OSK
AI6P	144	EA1T	138	IS0EBO
G3VQO	AD0TR	EI3ISB	AC5AA	NT5EE
IS0/YO3RA	DL6DCD	HB9EXQ	DL5KUT	ON5GF
JJ0LZQ	GM0VIT	IZ3XEF	DL5ZB	ON5RKN
JK1OTP	K1TKL	K2JK	G0FWX	VE3FRR
K3GGN	K7QBO	K4RM	JA0CVC	W0ANZ
K5UZ	K8OS	K5VG	JA1PVX	W4GH
K8MRT	N5UE	K8RCT	JA1VRY	W4PV
KB9LIE	RN0C	K9AAN	K2YSY	W7KKC
SV8RX	TF5B	KA5SYP	K6CW	W7SX
W3NRJ	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	HL2MHU	KZ1X
AA5H	VE3VHH	OZ6EI	JA6JYM	N8AGU
AF8C	W2WGK	TA1L	K7LOL	VE7NY
DJ3EJ	W4UT	UA0FDX	K8EB	W3LWX
EC4KW	WB8TGY	W2ARP	LU9DO	W4ARK
EI8IQ	WU7X	W3/NH7C	N1GNB	W4PG
G4RGK	YB9WZJ	W3JXP	N8LCU	WB9WHQ
IT9YOZ	ZS6NK	W4CC	ON8PHD	YO6HOY
IZ1UKF		W4KCM	SV1BYI	
IZ5BYJ	122	W5UQ	SV2KF	116
J11DMH	AA0BH	W7PC	VK7AP	6K2ILX
K0MD	AA5B	W9MB	W1ZK	AA0FT
K3SUI	AB5YI	WA7HQD	W3MRL	EA5GXI
K6VVK	DB4RG	WB7BBQ	W6ZPL	EI4BZ
K7HC	G0HSA	WQ8T	W8EOG	G8GHD
KB8DID	HC1HN	WT3Q	ZL2AO	IZ2CSX
KC2NJ	JA9ALR	WU9D		JA2KPW
KC4AA	K0HQW		118	JT1CO
KD9ZR	K1AJ	120	6K5AQY	K4LCP
KK4TKJ	K3DQB	AA2T	AC9GK	K8JRK
KV8P	K4VAC	AC4TO	AE1T	K8MN
N0YO	K9KJ	AE5LK	AJ6X	K9GWH
N4LSJ	KB4ET	AI2S	DJ9KM	KC1RET
N5VBK	KN9N	CT7ABD	IZ0RPS	KD5RBU
NT4K	N1ZZ	CU2CE	IZ1JIZ	N0ATQ
W0DD	N4GRC	DS3DNT	JA6CMQ	N0UCR
W2FDM	N9ATD	DS5QLJ	JH3LCU	N1GFV
W6ELI	UT9LC	F5AQB	K9KJS	N2ZL
W6ND	W1ES	IK8IPL	KA9JAC	N4KEB
W8PAT	W1HEO	IT9JPS	KB3KJ	OE6CLD
WW5L	W1KKG	JA1DCO	KD9BIE	RW6MBC
ZL3REX	W5HNC	JH5OTE	KG5VK	SM1NJC
	W6HB	JJ1XVA	KX6C	VR2IL
	WF5I	K3QB	LZ1XZ	VY2RU
	XE2MX	K9CHP	N3HYB	W1HQ
123		KJ6Y	N8KUS	W7WES
AB9BH	121	LU3XX	VR2CC	W9LU
AE5FM	AB4BJ	N0TR	WA7ZXD	WA4VJK
AI5EG	AK0A	N1TQP	WA8RCK	WW5RC
DJ6OZ	DL7UGO	N3DV	WB5TOI	
DS4DBF	HA2EQD	N3GS	ZS2I	115
G6NHU	IK6BMU	N4UFP		AA9WO
IK0XKP	IZ0FYW	NJ8G	117	AF7WM
IZ8LMA	JA1CPN	NR2D	AD7L	E74A
JA1GLE	JA1EYN	PP2FN	CE3FZ	HB9MZI
JA2HOL	JA1WTO	VE3QAA	F8EZE	HL4RBR
JH1RVQ	JE2DOD	VR2ZXP	IS0BZR	IW2FLB
JL3RNZ	J15WDC	VU3RGB	IZ7QFN	JA0NPQ
K2JGL	K1LTJ	W1RG	JA9KA	JH8LEY
KC2THY	K3CWF	W5RYA	JM3GXU	JJ2VLY
KD0KZE	K9MQ	W6GJB	K0FF	K5TU
KG4OJT	KK4ODQ	WT5L	K4AEH	K8CR
LA2XNA	KU2A	YB0AZ	K9LCR	KB4CRT
LX2SM	N3ER		KB2S	KB7V
N5JEY	N5ZY	119	KB5CSQ	KG4URP
N6DVR	NA2R	DL2VWR	KO4PY	KV7N
N9RE	NA4MM	F5BAR	KP4ED	MM1PTT
OH3TY				
PY2ADR				

N7PIB	JH1GNU	W5GCX	K6SLO	108
NE1RD	K1JKR	WB2UFF	K9TVG	7M4CLF
NG0G	K2KNB	WD8LTM	KF8PD	AC8MR
NW6V	K4JDJ	WF4W	KV3W	AC9DX
OE5MPL	K4JLD	WJ1B	N1TQ	DB9CR
SP5BMU	K4TR	WN1M	N3YZ	DL1TPY
W0LGQ	K5WRE	ZL3PAH	OE6BME	DL2AMD
W3UNX	K7BWC		TF8GX	DL2NAI
W4OV	K7MO	111	W1ZZ	DM5TI
W5WS	K9DUR	AD7XG	W5JE	DU1IVT
WB4MM	KA5OWI	AJ6V	W6TCP	E70X
WJ5K	KB1OIQ	AK4N	W7YED	EA5XV
WS4H	KB2TGU	EI9CN	W8TE	G5CL
	KC0V	F8DZY	W9GFB	IK1RKN
114	LU3JVO	G4ZWY	YB1SKR	JA2DCN
F6FHZ	M0NGN	HB9ECS	YO5QAW	JA2KGQ
G3CWW	N6DW	JA4DLF	ZS5LEE	JH1OVY
HC1HC	NA9L	JA5EEU		JR4NUN
I0BJV	S52R	JE1TNL	109	K1FUG
JA1CCH	SV2DSJ	K2KYH	AA4RX	K3XO
JA1CPU	VA3AYA	K5NV*	AC8AZ	K4GHS
JA8EIA	VK7ZE	K8ZEE	AF3K	K8LBT
JG4OOU	W1FC	K9JIG	DL9QJ	KC8YG
JM3XZC	W3JM	KI2Y	F5DBT	KE3ZT
K1RE	W6BBS	KM5VI	F8DHE	KE7AUB
K2IRM	W7CD	N4NYY	G0MMI	KI4SFT
K3PL	WB9YJE	NT5O	JA5GOJ	KJ2AM
KB1W		PT7CB	JA9IWR	KJ4SKO
KI8AE	112	TA1UT	JH4GNE	KO4XI
N3DD	3C3CA	TA2RC	JI1IZS	KW1X
NA1DX	7Z1CQ	TA7AZC	K0FD	LU2AH
NG8T	G0DTX	W7WT	K4AEN	N2IFA
NK5K	G3YFE	W8PE	K6JAD	N5FPW
W0QKL	GM0SCA	WB8PKK	KA4AHU	N5TW
W2ZK	IK4EWN	WU4B	KB7DT	N7TP
W8LR	IS0BQE	XE1ZTW	M0AQM	TF1A
WD0AJG	JA4RED		N4LS	VE7VV
WN0L	JA8WGX	110	N4WD	W4DVG
WT9U	JF3AHI	AC0B	N6RVI	W6CN
XE1EE	JH0LME	AG5Z	NN8L	W7SMW
YB2BNN	K0XM	CT7ANG	NW6R	WB5ZAM
ZS4JAN	K4HEB	DK4MX	NX1P	WC4B
	K4ZMV	EA1BLA	NZ3M	
113	K4ZRJ	EI9HX	PF7M	107
AB1NS	K8CJY	G4VWI	PV8AJ	AB7RW
DL2DCX	K9KDS	G6MXL	PV8DX	BG8PA
EA5DPL	KH6P	HB9BEP	SP7ASZ	DJ5FZ
EI2FG	KY6AA	HG6IA	T88UW	DK2GP
F5EOT	N0OK	IZ1EPM	W3ATV	DS4OMS
F8GB	N2SO	JF3KOA	W3GP	E73D
G0UII	N8AID	JH1FRW	W4JDS	EA2BFM
G4NAQ	NQ4A	JR2PAU	W5SG	EI5GSB
G4YCS	NZ7Q	JR4DHK	W7CB	IC8XIL
HB9GZE	S51DV	K3MSB	W7VP	JA3MAT
JA2CPD	W1USN	K4KAL	W9JJ	JE1CTA
JA4CSJ	W3WN	K4RP	WA6URY	K0FJ
JF1AZQ	W4LLP	K6DJ		K2FJ

K2ZD	KT5V	NC7M	WB7QXU	IZ7QSS
K4LQ	M0PCB	NK7L	WF8Z	JH1IHG
K6DLB	N4DJT	OH6IH	WX0B	K1MDA
K7UWR	N6UOZ	PV8RR	YB1BUL	K2DH
KA4LBD	N7MW	VU2DED	YO6HSU	K2DW
KB0EL	N8OYY	W1PY	ZS6HON	K4HR
KF2G	N9ZJ	WB8LEM		K6BLG
KF6XA	NG4C	WD4OHD	103	K6JAV
KJ4FZ	NI7F	WK3A	AF8P	KA8HDE
LU5OM	NS7K	WZ9B	DS5JMG	KB1AWM
N0MHL	PT2DF	YU1LD	EA2RY	KE9V
N1UZ	PY2OC	YV4EH	EI9GLB	KO3F
NI8Z	UA0ABB		FM4LV	N2CJN
OV2B	VE3BHZ	104	HB0RER	N2FY
PP5VA	VE3XK	7N4OBV	JA7HYE	N4IR
RM6LW	VU2MB	AA2WC	JF1KIG	N8KOJ
SV3EXP	W0TLX	AA6XV	J11FXS	NA4D
TA1CQ	W4/KL7GLL	CT3DZ	JP1KHY	NN5O
UX5XK	W6KF	EA4EJP	K0OOK	R9GM
V31MD	W7GB	EI3HA	K1FBI	S51MA
VA2GA	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

JA1KZP	AA7UN	KF5MDZ	WB0RXQ
JA1QEY	AC0DH	KF5TL	WB2ZEX
JA5ALE	AD4J	KF9EX	WB6RAB
JA5JUG	AE4VJ	KG4IYS	WB6RJH
JK3NSD	AK1P	KI0G	WD1M
K0GEO	AK4AO	KI3O	WD4GZW
K3AXB	DB6VH	KI4PG	WI0E
K3LA	DC1TK	KK6MF	WK7W
K5HX	DK1MCS	KL2R	WM4D
K8PGJ	DK7GH	KL7XO	WM9Q
K9GL	DL3ANK	KR4Q	WU1T
KB5YN	DL5JH	LA4EI	YB6LAY
KC3OPI	DS4GQR	M1EMC	YE1AR
KC4ZA	EA5PS	N0JX	ZS6CR
KD2RUY	EI2HZB	N0KM	
KE9UA	EI4DQ	N0VTZ	
KJ5RC	EI4GJB	N1KI	
KU4A	EW4A	N3NVA	
LA3ANA	F5JWH	N4GOA	
M0PTZ	G0GFC	N5CR	
M5LRO	G8GFF	N5LJL	
N3CAL	G8GNI	N5LKE	
N4PF	GW0KRL	N7WFK	
NC8I	IK7NXU	N7WR	
NJ2X	JA7PKV	N8HM	
NZ1I	JE7KCI	N8URE	
OZ5JQ	JG0HEW	N9MKC	
PA3AIN	JG3LDD	ND0B	
R2ARR	JG5VFK	NE3K	
RZ6MJ	JN1RFY	NX6D	
SV2BXA	JR4VEV	OM2AGN	
SV4FFL	K1HC	OR4K	
TG9AKH	K1JX	OZ1GCT	
UA4PK	K1PTF	OZ9GA	
VK4BUI	K2UF	PY5VC	
VU2OT	K2UT	R2AB	
W0ZX	K3NO	SP2LLP	
W2FDJ	K3RRR	UR8IDX	
W2GHD	K3WSU	VA2EU	
W2PD	K4GM	VE1JF	
W3RMS	K4KYN	VE3KKB	
W3SW	K4QS	VR2PX	
W4PM	K5LLA	VU2OY	
W6OU	K5MMH	W0RMS	
WB5KSD	K5PSN	W2MW	
WD4IXD	K5VSD	W4CG	
WM5H	K5YE	W4DFU	
WU6K	K7VL	W4YR	
WX7B	K9EA	W5PD	
YB8HZ	KA1CTL	W5YKU	
YO2OXD	KA2F	W6OZI	
	KA4H	W9KM	
100	KB6IGK	W9ZT	
2E0XAR	KC5N	WA2ALY	
9M8DEN	KD1DT	WA2VJL	
A41ZZ	KE1IU	WA3UTC	
A71EM	KE8NOA	WA3YZD	