

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 11 Apr 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC SP5EWY	KF2O N6AR	W7UT	WD5COV WK3N	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK DJ6RX DJ9KG G3KMA JH4IFF N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO K4XP N4XM N8DJX SM5AQD SP2FAX UA6A W1YY W4PK	331 DJ9HX EY8MM IK8HJC JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W5OZI W8UVZ WB6RSE
346 N1DG SM3EVR W9ZR	340 AA1V EA8AK JA4DND K4UTE N0AT SP5CJQ	336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W9RPM WB9Z	330 AA1ON
345 HA0DU JA2VPO OH1XX		335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK		
344 K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX			
343 DF3CB K3FN K4MQG N4MM VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
342 JR2KDN K4DY K5UR				

DJ2YA
DL1AMQ
EI7BA
F6BKI
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
K3WC
K4CN
K4ZYU
K9CT
KD5M
N4JF
N8JV
N9IW
NR1R
OK1MP*
RA3CQ
VE3FF
YO5BRZ
YU1FW

329

GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JA7MSQ
JE2URF
JH1GZE
K0EU
K1HTV
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP7GAQ
SP8NR
W0DJC
W5XX
WA1JMP

328

AA5AU
DL7MAE
IZ5EKV
JA1SJV
JA6BZI
JI4POR
K4QL
PY5EG

RU3FM
SL0ZG
W1ECT
W2IRT
W4UM
W5FKX

327

AB4IQ
CT1APE
CT1IUA
DK5WL
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH1TWT
JI2KXK
JI8DGO
K0DEQ
KW9A
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SP9DWT
SV1RK
W3NO

326

EA5BY
JA9APS
JF1WPB
K5EK
K8PT
LU2NI
N7RT
OZ1AXG
SP5DIR
W8DCH
YO9HP

325

EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JE1SYN
JF1PUW
JF3KON
JF7XKY
JH8RZJ

JS2LHI
K9EU
N3NT
OE2LCM
ON4IQ
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1RM
W6RLL
W9OP

324

DK9KX
DL5DSM
G0DQS
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JH0INP
JR3GWZ
JR3OEH
K5KC
N1NK
N8BM
NK1K
OE8HIK
R3OK
VE2TZZ
W3LL
W9OL
WB4TDH

323

AD5A
EA3GP
GM0GAV
JF1KKV
JH2FXK
JJ3PRT
K9IR
K9YY
KF0QR
N5TY
N8RR
NY0V
OH2BLD
SM4DHF
UA3AB
W7AO
W8OI

322

CT1BH
EA2IA
F5PAC
IK4GME
IK8YTA
JA4FKX
JJ2LPV
JR2LJO
K2UO
K6FG
K7NN
KA9CFD
KU0A
N4DW
N4NX
OH1LEU
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A

321

AA4V
AD1C
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
KV7K
LA7HJA
N4PQX
N5XZ
OE6MDF
OE8RT
SM6DHU
SV1FJA
UT7UJ
W4FC
W8GC

320

DF2RG
DM5EE
FK8CP

I2EOW
JA3PIS
K1LD
N4II
SP7VC
UY5ZZ
VE3EXY
W3KX
W6XA
WP4U
YV1DIG

319

DJ4AX
DK1FW
EA8AKN
IK4DRR
JI1DHY
JR7VHZ
K5MC
K6AM
N4DB
ON4AOI
UA3AP
W5WT

318

A45XR
AA4HP
AA8CH
DL6KR
G4PWA
HB0CC
JA2JNA
JH4JNG
K2TE
K4IQJ
K5BG
K5DU
KX4R
LA2PA
PY5EW
R3VA
RA7A
RW3RN
VE3LYC
YO3APJ

317

AB9V
DK2NG
HB9HFN
JA2IVK
JO7WXN
K2RW
K6YUI
KE9L

N2BJ	EA6VQ	LA7JO	W2JU	OE5RLM
N4QS	EA7TV	N1IBM		R8TX
OE1WEU	G3NDC	N5ORT	308	R9FM
SP1MGM	HA1RB	RU3QR	DL2CHN	UN7JX
UX1UA	IZ8FFA	SV1CNS	HK4SAN	W5ADD
W6VX	JA2AH	W7CT	IU7QBB	
WX4G	JA2ZL	W8HW	JA1IZZ	305
	JR4OZR	W9RN	JA7IC	DJ4XA
316	JR9LKE	WB8BPU	JA9TWN	JA1IOA
DL5WW	K2LS		JG4AKL	JA1VSL
G0OIL	K5AQ	311	JH1SJM	JA7BWT
IK2QPR	KB0EO	IK0PEA	JL1RUC	JA9GPG
JA8EAT	KC9ARR	IZ2AMW	K0GY	JE6TSP
K3WA	LA7AFA	JA2XYO	K0KVR	JH7RXU
K4EM	MD0CCE	JA4MRL	K2UU	JR2UBS
K4HB	OE1AZS	JR6FC	K8OM	K0JUH
K8YTO	OE1ZL	KM4H	KI0KB	KD3CQ
K9MM	SM4DDE	OZ4O	KN5O	KG4W
KG8P	SV1DPI	PY2XU	KS1J	N9AU*
KQ8M	SV1JG	SV2DGH	OE3SGU	NQ1K
N5DG	UA6MF	UR0MC	R7NW	PA5TT
RV3LO	UT9FJ	WB9CIF	VA5DX	RA9CMO
SP1JRF	UX0FF	WD0DAN	VU2NKS	SM3NXS
UA3DPM	YU3AA		W2QO	UT2UB
W1GL		310	W6ENZ	W1YM
W7MO	313	JA0CRI	W9MU	W5AJ
W9ILY	5B4MF	JF8QNF	WA8WV	W5XC
WA2VYA	AA5AT	K4SO	YS1RR	YB1UUN
YB5QZ	CT1GFK	K5XI		
YO7LCB	I3BUI	K6RO	307	304
	JA1GRM	K8AC	A65BR	DJ9ON
315	JA5IU	K8FL	DK2JX	DK5AD
9H1SP	JA5XAE	LA9AJA	F2JD	HB9CEX
AB3CV	JA6VQA	NS6C	G0BLB	JA2NDQ
AB6QM	JA7JWF	RA0FF	HB9SLO	JA2VQF
DJ5FI	JF2UPM	RL9F	I5HOR	K8GI
G3VKW	JG3LGD	SP6HEQ	JA2WYN	KC7V
HK3W	JH1NYM	W0YG	JA2XW	N7US
JA1ANR	JR1BLX	W4BP	JA3GN	N8TR
JA8RJE	JS3CTQ	WB0TEV	JA6WJL	N9RS
JA9CWJ	K6KLY	WD9DZV	JJ3HGJ	UY5AA
JN3SAC	LB8DC	ZS1LS	K2SHZ	W7DO
JR2BJE	N8KOL		K3RA	WE9R
K1BD	NN4R	309	K9RX	ZL3JT
K8NVR	SP3CGK	AA5AM	NI6T	
N5OK	WA7NB	JA1EOD	SP9JZU	303
NE1B	ZS6EZ	K0KX	W7OM	E72U
OE3EVA		K1AR	WA5VGI	EA3GHZ
ON4IZ	312	K8QM		G3LZQ
PY2NQ	F3SG	K9ZO	306	HB9TKS
SM3VAC	JA1SYY	NN4SS	DL1KUR	HL3IUA
	JA1XCZ	NU8Z	DL5EBE	HL4CJG
314	JA7QVI	R9TO	HB9DDZ	IK2RPE
AC4G	JH1AGU	RU3DX	IK4PLW	IK4ADE
CT1DKS	JH1QAX	RX3AGD	JE2LPC	K7WP
CT4NH	JR1BAS	SM2OAN	K5WAF	K7ZA
DL6CNG	K1HT	UA4LY	N4TL	K9MK

K9US	K8VfV	296	SV3DCX	W9FR
KB1JZU	MM0EAX	AA8OY	W3JX	ZL4TT
RL3FA	PA3CSR	CT1DOF		ZS2DL
RW4NN	UR5EDX	EV1R	293	
SM6CUK	W3OA	GM0AXY	DL1HRN	290
SP2BMX	W5VY	JA1JAT	DL1SMA	AA4A
SP3IBS	W6TC	JA7LGE	EA3WD	EC3A
SP7HOV	W9AJ	K6FW	IV3YYK	I4KDJ
SP7ITB		K8VC	JA2CXF	JA1KQX
W1SKU	299	LA8PT	JK1TCV	JA1QXC
WT8C	CT1FMX	N0RB	K4JAF	JE2DZC
	DM2DXA	RA3QK	KD0Q	JE2EHP
302	EW2A	SM6BZV	N2LM	LA2QM
DJ5JH	G3SVD	SV9COL	N4RWG	LA5LJA
EA1N	HB9RG	UA6YW	PY2IQ	LU3CQ
F5CQ	IK5RUN	W3RJW	S55DX	PP1CZ
HB9DDO	IZ4MJP	W9JA	WA4FFW	SK3PY
HL2IFR	JE1DXC	WA3AFS	YO2CMI	SV3AQR
I1EIS	K6SIK	YO2RR		UN7LZ
IW1ARB	KB8VAO		292	UN7TW
JK1EXO	LA3WAA	295	DL5CW	W1EQ
R5DT	N9FN	AA4R	E72A	W2LK
RK4FD	UA9FAR	AD6W	EA5AT	WA9PIE
W0VX	UN6T	DL1DUO	G4GIR	WB9EEE
W4QN	VE3BW	IW0SAF	G8DX	XE2CQ
WD4LBR		JA1BPA	HB9BAT	
	298	JG0CQK	IZ3ETU	289
301	5B4AHJ	JM1FHL	IZ8VYU	4Z4DX
AE5E	DL7BA	JN1RQV	K3FRK	AJ6T
CU2AP	G5LP	K1GG	K5DHY	AJ9C
F4BKV	HB9BOI	K5VIP	K7ZD	DL9TJ
HP2AT	IW0HQE	K5ZK	LU4FPZ	EA6ET
IZ1LBG	JA1WSK	N7TY	N8II	JA3EOP
JA0DIN	JA4ITW	RM0F	R6AF	JA8EJO
JA1LSP	JA5BEN	SM5FUG	SP5IWA	JA9FPI
JE1LFX	JL2JVX	SP8HKT	W4VIC	JA9IFF
JG8FWH	JR7WFC	SV1GYG	W6SR	JG1WSC
JK1GOK	K2PK	VU2PTT		JH4GJR
K4SE	K8EUR	W2GG	291	K4XD
PY7DJ	ND0N	W5LT	G0EHO	KK0M
RN3QN	PY2VA	W6XK	IK0HFO	N2NL
SV2AEL	ZL1BYZ	W7AL	IT9CVO	R0FA
US5WE			JA1FQI	RA1QD
WB5JID	297	294	JA3ENN	VE3EK
	DL4CF	AI9L	JA9FAI	W9YSX
300	E73Y	CT1FCX	JH1BAM	
9K2OD	HB9CQK	EA6NB	K0BBC	288
AC0A	JA3RQ	HA9PP	K0TPP	IZ0RVI
DL1TRK	JE7JDL	JA5SUD	K3PA	JA2JRG
EA1AF	JE8CLT	JE1GWO	KP2A	N6UK
EI2GLB	K4MS	JJ1DWT	LA5HE	ON6AA
IZ5RVG	K6ND	JR1DUP	N2TN	PY2KP
JA1SVP	K8WK	K7ZV	N7IR	S57AT
JA9AA	K9SM	KZ4V	N7RO	UA3AGW
K3XA	KG7H	N0KV	NA5C	W1YIF
K8GG	KT1J	OE5BWN	VE3CFK	W2LE
K8TL	W6YI	RU6L	W7BEM	W2NO

ZS2EZ	K6PJ	F3AT	N4HB	EW1KP
287	LA8HGA	I1FQH	SM0NJO	IW0HOU
9M6YBG	N8LJ	IZ8FDH	SM4AZQ	JA8ZO
AA8LL	OE1WHC	JA2IYJ	VE3CRG	JH1IAQ
IV3GOW	PE1L	K0GD	W8MHW	K3PT
IW1QN	WK7E	N2WB	WF2S	K6UM
IZ8FWN	284	N5GH	277	KA8SYV
JA1XPQ	DL6JZ	OZ1IKY	EU1KY	KA8ZPE
JA2ATE	EI9FBB	SM5ENX	F5UJK	KS3F
JE2OVG	GM3YOR	W0LS	JA8DNV	RA5BM
K0AZ	IK8VRH	W7ZJ	JA8EOT	SV9AHZ
K3UL	JA0DET	W8KEN	JH3KAI	UA3ECJ
K5RT	JA8CJY	WN6W	K2AJY	273
KD0PO	JG3SKK	XE1KK	K8UT	AB4SF
LA3MHA	JH3SIF	280	N5LZ	CT1BWU
R9SA	JN1BMX	GM3PPE	UW2ZM	DH2PC
SM5ARL	K9NW	HA5VZ	W1KSZ	JA1KPH
W1VT	N4LR	IZ3ENH	W2PP	JA2TBS
W4YCH	OE2GEN	JA6TMU	W3BW	JA6BEE
W8AV	SM0CCM	JA9NLE	W8RLS	JH3GCN
WA6F	SM6CTQ	JF1NZW	W9MJ	JM2RUV
286	W2AY	JH1BNC	WA3C	N4IG
AA8R	W4FQT	JH1HHC	WT4Q	NA5DX
AB5A	W5ODD	JH4ALY	276	NK0S
CT3HF	W8BBQ	JR6LLN	AA6AA	OZ1ACB
DL2VPO	283	JR7FRW	DK3WW	RW7M
DS1JFY	DF2GH	K4WNW	HB9LCW	W4HG
HB9RYZ	JA1RTX	PY2DS	HK1MW	W8QZA/QRP
HL3GOB	JE3ENP	SM5CZK	IZ5BAM	272
IK0AGU	JG3FEA	UT7UV	JA2XCR	AF9H
IK0XBX	JL1XMN	VK3HJ	JA7FWR	F5PBM
IZ8XQC	K3WW	W8LGJ	JA7LMZ	I5OYY
JA2FGL	KJ6P	ZS4TX	LA9VFA	IK5PWN
JF2WGN	OE8SPW	279	N5MOA	JF1LMB
K1LPS	W1LW	JA0PE	ON4CAS	JH0BQX
K1RO	W6BJH	JE8TGI	RX4HZ	JH1OBS
K5PS	W8TN	JF2XGF	SM5CLE	K1UU
LU8EKC	282	JH7BKN	W1YRC	K7EG
N8SNM	K1DT	JO4CFV	W1ZT	K8BL
UR5WA	K1USA	KF2DT	W2OIB	KA1ERL
VE1JBC	K5UO	KQ4AV	W4MAY	KI4GE
W3GQ	K8ROX	N6TA	W5GO	N2DPF
W6PJ	LZ2JE	OH1ZK	275	N9RD
W8AXI	OH4UI	VE3DZ	JA3XNH	ND4X
285	PC3T	W1OPD	JG1OGM	OE5FIN
4X6ZK	RD3AW	W4UCK	N2JJ	PA0ZH
CU2DX	SM4CTI	WO7R	N7KA	SV1ACK
DL2SWN	UA0BA	278	N8PW	W2OO
EA3GHQ	W4OX	9A4T	OH1JP	W3ACO
HL2WA	281	EA8RR	ON5UE	W3AP
IZ8DFO	AD5Q	EI9JF	PA7RA	WA1S
JA2VMU	BA4RF	F2NH	274	ZS1A
K1DG	EA5OX	JA8LRG	CT1FPQ	271
K6GXO		K2UR		4X1RU

HL4GAV	N2AJ	EA1KP	JA4VLK	K0TT
IK2DZN	N5JB	F6DBX	K2FW	KH2L
IZ8EJB	SM6BGG	HB9DHG	K7LJ	N1EN
JH1OCC	W2FV	IZONRG	KM1D	SA0AQT
JM1HJG	W9HBH	JA1IAZ	LA5SJA	US0YA
K3PU	WA1YTW	JA7HRM	OM8FR	W1SSN
KB1EFS	XE1MEX	JR4LNG	SM7CQY	W9EWZ
LB2TB		K1CA	SM7IUN	ZL2IFB
NN4X	267	N1GC	ZS6WB	
OZ4VW	AA4FL	PA7TWO		257
UA3TT	HB9IQB	SV1CQN	260	AF4HX
W1MK	IV3VBM	VE6AX	AA9A	DJ0UT
W7MEM	JA2QXP	W5PF	EA8MT	DL9FCY
WA0MHJ	JA7BEW		EA9IE	DS5ACV
270	JA8UIV	263	EC1AIJ	EA1JO
7K1PTT	JH3FHQ	DK4TP	FG5FR	EA7SG
BA4MY	JI3CJP	EA3CJ	JA2FBC	EB3CW
CT1EAV	JJ1TKN	EA4DL	JA3VPA	IK2PZC
CT3MD	K6BV	HA7UW	JA3WLN	K1SM
DK8MCT	KI5BLU	IZ4DPV	JH3FUK	N1API
EA1KY	SM5BMB	JA7XBG	K1ESE	N6HC
EI6FR	WB2BIN	JR8AMF	K6EME	PY2MC
F9XL	266	K1KO	K8YSE	RU1AB
K0BJ	EI8IU	K7XB	K9FN	SV1VS
K7UA	JA3BXF	K8FH	LY1G	W0JM
K9JF	JA6GPR	KN6KI	N6MZ	W5DM
K9MBQ	K4RG	N1RR	NT5V	W8MJ
N4JQQ	K5VWW	N7BT	SK7AX	WQ6Q
N4QQ	K8AJS	NF1G	SP6JIU	WV4TN
PU2POP	N6PSE	WA4LOX	SV1FJP	256
VE6LB	N6RV	ZS6NJ	TG9NX	BH4QYX
W8HC	PZ5RA	262	W2XI	EC1A
WL7E	RA4CA	CU3EJ	W6TMD	FG8OJ
269	SV1HEP	I5REA	WA5LFD	GU0SUP
IK7FPV	W0FLS	JA8BAR	WV8DX	IK4HPU
IK8EPC	W7YAAQ	K8AV	259	JA0KJE
JA1OVF	W8MET	LA9FFA	DJ8NT	JF2VAX
JA1VLK	WB2GAI	N3RC	EW1BA	JH1RGG
JP1NWZ	WB3LHD	N8OC	JA8BNP	JM1GHT
K0KT	265	NK4L	JE2RDO	K4JJW
N4UOZ	4F2KWT	NX0I	JK1UNZ	K6EID
NW7E	G3WPH	W0GG	K2UFM	K8RRT
OM4EX	JA4FM	W5ZG	K4KAY	M0TTB
SM5FWW	JR1WCT	W6NWS	LA6UL	N1SV
YB1AR	K2CBI	W7LGG	NI3P	N9ISN
268	N3VA	W7QDM	PY5CC	NA5Q
7M4AOE	N5KM	W9PZT	W1KDA	VK3NX
HB9BUN	N9JV	WA3GFM	W7AH	W8JRK
JA1NWD	NU1B	WB8ART	258	WB7B
JH4HMG	NV9L	YB2DX	CU3EQ	255
K2KA	W6RS	261	DK7YY	A16Z
K6IPM	WA0RVK	DK3PZ	EA3EQT	EA5RD
KD4W	264	G3UAS	HL3AMO	F6ECI
LA0FA	4Z1UF	IZ8IEV	IK4AUY	HC1BI
		JA3FHL	JA9AGN	HL3DE

IV3TMM	251	248	244	JF6XQJ
JA1VRU	9A4W	AK5X	IK8UHA	JP1IOF
JK1OPL	DL2RTL	G3VPW	JA1CZI	K3WWT
JR3UIC	JA1DDZ	HB9DOT	JI6IHG	K7KB
KR4F	JA1SKE	HL2KV	JJ1QUV	KV1E
N1RK	JA5BGA	JE2VLG	K0KG	N4OA
N5BO	K4VIG	JJ1SKG	K1EFI	W5DNT
VR2XMT	K8CW	KF7F	K1KA	W5QM
VU2CPL	KG9Z	N4XP	K1YR	
W5JAY	KJ7TEA	OZ1LCG	KK1W	240
WS9V	N4SC	SV1IW	N0RN	7K1CPT
	N5UL	W2TB	N6KZ	E21EIC
254	W2JLK	W8IW	N6PM	HB9EFK
BA7IO	W3ABT	WV9L	OE3HWC	IW3GJF
CT1BWW	W4SK		SP6A	JA1DM
IZ5YHD	W5GAI	247	W0QQ	JA2FSM
JF2WXS	W6DE	CT1FUH	W4REX	JH1APK
JH1VUO		JJ1BMB	W5PJR	JN1NBU
K3SEW	250	K1PL	WA2USA	KF0LA
KI1U	6K5YIA	K3VAT	WA3F	N0ABA
LA5YJ	F6HLC	KH6M		S51NM
NE8P	HA7TM	N4QWZ	243	SM3LGO
UA3O	HI8R	N7DED	CT3KN	SP5LKJ
W3FI	IK0UTM	PY5IP	DS5TOS	UX5UO
	JH6PFY	W2/CT1GIF	G4XRV	W0SZ
253	JL1MWI	W7IB	JA1PBV	W8WEJ
JA6IVR	JR0EQQ	W9JJB	JA2EPW	WA4CEM
JA8XQI	K9YC	WS5W	JR5JAQ	WB8CQV
K0DD	K9ZM		K4ZO	XE1RBV
K1FEV	KQ3F	246	K8ME	
K6MKF	PA0JSE	AA7G	W1BR	239
K8DV	PY2FN	FG4NO	W4PNY	AG1A
KE1F	UN3G	HL2EIZ	W9FI	DJ9RR
N7XR	W2GW	IV3KFB		I0JBL
UA0FO	W7HPW	JE1VTZ	242	IZ1JMN
VE3YF	W7IU	JK1WSH	JA4ZA	IZ2FOS
W6RW		K2SN	JH1ERJ	JA6CBG
WF4U	249	KB6CIO	JH1WJR	JA7KE
YB0COU	EA1RT	LA9GX	JH4ADK	JA9NFO
	HL2CFY	W1KMA	JJ2WOC	JE2UFF
252	IZ8GGF	W3ICM	JK1VXE	JH1DGJ
DL7UPN	JA1EMQ	W5ZO	JR1MLU	K2XF
F1ICS	JA8FFM	W8OP	JR7GBL	K8YYY
G3KWK	JH8GEU		K3NQ	N8SHZ
G3NKC	K9NR	245	K4PB	NF4A
JA1BNW	KM6HB	AF5CC	K7FEL	OE3KLU
JE1HRC	N3KN	AJ8MH	KJ7M	OH7TV
JF3PNQ	OZ5NJ	G3KMQ	N2NS	WA6JA
JH1ACA	SM4OLL	HA5PT	N6HY	WB4KTF
JH4CBM	UN3GX	JA3QOS	VK3BDX	
JL1BYZ	VE3YV	JJ6DGP	W8GNM	238
K5FZ	W0RX	KF7PG	WB8K	G4FKA
W2ZI	W8IQ	N0AH		G8AJM
W7CA	W9RC	N2NW	241	HB9MFM
WV6E	XE2D	NZ3O	AB5C	JA0LXP
		S55ZZ	IS0AFM	JE1PNX
		YB0NFL	JA4HAW	JF0JYR

K9GA	WY6N	NE3F	AE0P	KK4OK
K9OR	YB2TX	SM0XBI	AH0U	N2KX
KA4RRU		W2NRA	DL8SDC	N5ET
KF9UG	235	W6YOO	IK2GAJ	N6BM
M0CSD	EA7QW	WA8MCD	K0HD	N9AOL
N4PJ	EU1U	WB2KSK	K3FM	NG7M
N5ZC	JE1IBI	WD8PKF	K4CMS	VE3SKX
N9UA	JH2VVH	WE4S	KD1F	VE7TK
W4KA	K0EOO		KI4DLS	VK4CAG
WA4QMQ	K0VSH	232	KS4S	W9DX
WB0TVY	K1XV	AC9EM	N4NW	
ZL4AS	K4QE	EW4C	NE6I	225
	K5CWR	G3XLF	W1WC	DK5RL
237	K8ZM	JH0XS		DS5DNO
CT1BOY	N2FF	JH5HDA	228	EU1M
G0VXE	N4IQ	JH6DUL	7J1ADJ	JA0EVI
HB9CXZ	NA5Z	JR3VMJ	AA0MZ	JA4CZM
HB9JOE	NW4M	K3EA	F1RAF	JF1MTV
JF2OZH	TA1CM	K4ST	F5LIW	JH8NQV
JH1DGQ	W3MR	K5FNQ	GW4TSG	JL3OUW
JR0QFA	W7YW	NY2NY	HB9DQV	K0OK
K1RV		RQ3A	JF1RYU	K1JIU
K2NV	234	SV8DOU	JF1WLK	K4JWA
LB5WB	DF7EE	W6CYX	JH2PWY	K5YU
N4HID	DK2CC	W9ZCL	JH3GFA	MU0FAL
SM0MPV	HB9BYQ		K4JC	N0ODK
W6AER	HS1NGR	231	K4KGG	N2SQW
W8UN	IK0LNN	AD5WB	KB1DMX	N9SF
WA0ROI	JA2OLJ	DK6OR	KE4UW	NJ7G
WB8B	JK1BSM	HL2ZN	RA3QUA	W5GZ
WB8ZRL	JR1VAY	IW7DVM	VR2CH	W5LO
WC3W	JR4LZX	JA0KJD		W5TFW
YO3JF	K4MF	JA1MZL	227	W8CZN
	KE5FXE	JH0AWC	AC9O	W8UV
236	KE8UM	K5IB	DL2RUM	W9KVR
HB9ZS	KX2A	KD6UO	EI2HY	WE1P
JA1HOM	ND4V	LZ2XF	HB9DVO	YO9FNP
JA1JYE	NV4B	NA4EA	I0MWI	
JA3KNN	OH2IS	SM7NDX	JA0DWY	224
JH1UBK	W3WST	W2DXE	JK1SQI	JA1OVD
JN1NOP	WA4JQS	W4UDH	K1GE	JA8NFV
K1ACL	WA5UA		K5GH	JO1LVZ
KM3J	WX2U	230	LU6ETB	K1CBK
N4GN		G3LUW	N1NU	K2HAT
N6IE	233	JA5NPV	N6OJ	KZ5DX
NH6T/W4	AA9GR	JA6AVT	N9PGG	N3RW
OE2BZL	AA9RR	J11VVB	W5SL	N7WO
OZ7FOC	AJ4A	KB9DAK	WA9GON	RW4CY
PA0TCA	DH0GSU	KK9H	YL2KF	SM7BHH
VU2CDP	DS3HWS	W2KA		SP6AXW
W0HBH	EA4DEI	W8FIB	226	V51B
W2YR	EA5AR	W8WVM	DM2RM	W7NN
W3FOX	JH1SOD	W9YE	I0OSI	WB0O
W4GIW	K8BN	WB2NPY	JH1IED	WN6K
W6DR	K8EAB		K2BA	
W9OO	K9JU	229	K2RU	223
WA1PMA	N9BX	AA3LX	K4YJ	AB4UF

AF2C
EA5B
EA7DUD
I8MTQ
IK2RZP
IZ8MBW
K6IPV
KI6CG
KW4V
N4ENE
NA2AA
W5RF

222

AK5Q
DJ9SO
DL5XL
E77S
IZ7AUH
JM1VRW
K2AT
K6ZZ
KB5UNX
KS4YT
RA4P
SV8CKM
VE7BV

221

EA2AAZ
HB9HBZ
IZ1JLG
JE2EBT
JI1NJC
K4CGY
K5DV
KU4XO
N4TOL
N9JR
NA9Q
RU0SN
W0BM
W4DEE

220

AA6RR
DL4DW
DL4LAM
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KZ9DX
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UR4IOR
XE2X

219

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HL5BMX
IK5QPS
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KG6I
KI7AO
KR6C
N1KC
N6DX
NA9RB
W6GRV
WA3I
WW8W

218

DL2NOM
DL4NBE
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I7PXV
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KV4AA
N4JT
SM7WVZ
TZ4AM
WA2NPD
WC4H

217

IK0CHU
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JA7ZP
JG5RVQ
K0NV
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N6QI
OZ0J
W0TM
W5GA
W5THT

216

CX2CC
DJ3XG
G4VMX
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JH7WQX
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KK4OW
KR4W
KX4TT
LB6KC
NC4RB
PS8ACL
W0SR
W5VQ
W8LMG
W9MO
WB3D
WS1L

215

9H1EJ
AA7XT
DS4GKF
HB9IIO
I5XFD
IZ0BVU
JR0AMD
JT1BV
K1TZQ
KF4NEF
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WC2K
ZL2AL
ZS2Y

214

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K2AZ
K5CD
PY2RO
SP7ICE
W0KCJ
WB6BFG

213

9A1AD
AG3V
DK3UA
HB9HIT
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JA3NHL
JG3RWX
JR1EFG
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KK2M
N6PEQ
N8GP
NA2M
VK3FM
W1LE
W3BJ
W7HR

212

3A2MW
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JR2PZX
JS6TWW
KU4BP
NY1V
SM5AOG
VU2DCC
W5DAW
YL2TW

211

AA8SW
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JE2KSM
JJ1KZZ
JO4JDU
K4MV
KT2C
N1BY
VR2XLN
WY1G

210

AA4LR
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WK8A
WW2DX
YB0DJ

209

JH8UQJ
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SM5BNK
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W8BLA
W8HMK
WB0ULX

208

HP2NG
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NU1O
NW6S
W1FA
W4WN
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WA6G
ZS1J

207

9K2BM
DG5LAC
JG1JPE
K6ZP
KE1VT
M0IKW
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OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
VK5GR
W1MJB
W4GE
W9QO
YB0MWM

206

CT1HHP
HB9CRV

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IZ4DIW	KA1DJ		AG5W	IZ5MOQ
JA4DNC	KK8MM	199	CT3CD	JA0AXV
JF1IRW	KM7R	AA3TH	DF2UA	JA1QIW
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K8NK	N4TV	AD4AA	HB9ESS	KM1C
KK5OQ	N6PAT	JH0RVY	I7LGM	KZ1W
KK9T	SV1FKZ	J11WLL	I8YAV	NN5E
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SM7GIB	202	MU0GSY	NA9A	WA9DU
W7IUO	BV1EK	N2RR	RC2A	WB6CJT
WA3WZR	G3SBP	PB9FN	SP3F	
WB0N	IK5BOH/2	V51YJ	SP5MXZ	192
	IT9ODQ	W6JZ	W6HYI	F6FYD
205	N8WD	W6UC	WA0WWW	G1VDP
AC9S	W1AW	W9LN	WB5NHL	HB9FBG
DL6UNF	W3NS	W9RXJ		IZ7GIT
GM0VRP	W4RDX		195	K6XN
IK0WRB	W7TUS	198	CT1ELF	KE0A
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JO3WHB	WE2N	DL8DWL	K4KEW	KJ4YLO
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K5VR	201	JA6ENL	KF9AF	NC2Y
K9SG	DL4FAP	JM1ESG	N3XM	UR3EO
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OH3OJ	JA0CIU	K7PT	SQ7FPH	
UN9L	K0MFI	KA1J	UR5FEO	191
WA4MME	LU4FW	N4PYI	VE3YXO	AA4NC
XE1J	N2KI	RA3BL	W3SB	HA5CW
	NW7US	VK6OZ	W6KK	JH1FNU
204	PY2GG	W6SHY		JK1AJX
JJ1JMZ	RT5A	WA2VQV	194	JP1LRT
K1RH	W1OP	XE1FAS	A65BD	K1RI
KB5HC	W6AEA	YV5LI	EA5ZR	K8QKY
KM9E		197	JA7JM	N4DWK
VU2IBI	200	4X4MF	JM1SZY	N4HN
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WB8BZK	JA3EY	IV3AVQ	KR8T	VK2HV
XE1L	JA7DPC	JA2MNB	NJ3K	W8UQ
	JA7MAD	K6TAR	SP6EY	WF1H
203	JH1FVE	K8SIA	VU2LBW	WI8R
DF3EC	K1ZJA	M0HIH	W4DC	
F5NBX	KC6JAM	N7WS	W5UHQ	190
IK2RGT	KL7TC	W4DAO	W7PAQ	AA4U
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JA7JPZ	LA6OP	WI7P	XE1R	DJ9KV
JH8NBJ	N1IA	WQ5R		EC7B
K0CS	N2ZA	XE1H	193	G3WW
K4GO	N7ELL		7L4VYK	G4XEE
K4JKB	PY3VB		AE4CW	HL4CCM
K9OW	VK6LC		DH3KM	JA2ITK

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K7UT	KC6X	I5FLN	W1HS	VE1VOX
K8ZT/QRP	KK0DX	I8LWL	W4CCS	W4LEW
KD0AA	N5QS	JA6SQR	W4TUN	W9WO
N3AIU	W8RV	J1CQA		WA3GNW
N6MXU	WA5IPS	K7LAZ	178	
SM0BYD	WB4DNL	KG4JSZ	AA8KY	175
W2OR	WZ4RC	KS0JD	AE4M	AG5CN
W9ROG		LA5LT	EA8AXT	EA6UE
WA8LRW	185	N4MIK	F4DSE	IK3GBG
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	K0KP	N8NB	IW0BYL	IW1PUR
189	K3PP	NZ5O	JA1ERB	JA0LFV
I0LYO	KE5BR	VU3CAU	K1ZE	JE3PCP
IV3KCB	KQ4EE	W6SFK	K3VAR	JH6RTO
JA1SGU	OZ3SM	W7WZ	KU1T	KD4POJ
JG1SWM	UN7BK		N6DHZ	KF2OG
K5RKS	VA7ZT	181	OZ1HPS	KF6HI
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KY5I	W2WG	JK1DDG	WB6AXD	KN7D
OH2LHE	W5SUM	K9AQ	WC0W	LZ2ZG
ON6KE	W6RKC	KY6R		N7NG
RM3DA	WV2I	N1HO	177	N7VPN
RN3CT		N6VS	4X6UU	NS3L
SM4BZH	184	N8AYY	IW8CGX	UA1OM
W4AEJ	AD6ZJ	N8HRZ	JE4RAL	UA9AGX
W6DPD	EA5RU	NN9X	JF1LZQ	XE1YD
YB4CHP	IK0HBN	NV4A	JG3KLF	
	JA7FVA	UA9AEU	K2JL	174
188	K3JM	W6TK	K2MK	AA4UC
EA7AN	N2MEE		K3OX	AG4Q
JA0GCI	NW7M	180	K8YE	AG7N
JH7NTW	SM2EJE	A61BK	KD1AB	DF8FT
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K1JD	UT7KF	DK1NAL	NA6MG	HB9HVG
K2AX	W0PE	JH1IZR	SM5CBM	JL6USD
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PY2RN	WB3BFC	K3DFL	W0JW	K9HQM
WV4V	WB4YDL	K8SL	W1AO	K9UQN
YO2DFA	WB5STU	NA5S	W4KVS	W5JMW
	YB1RUS	VR2XYL	WD8KND	W5WI
187		W4DSM	YB1TJ	WA4BIM
EA5HM	183			WA4NUF
F4WDL	IU0ICA	179	176	WQ5T
IK8GJR	JA2KSP	DL5MHQ	DL6NW	
N6NU	JA3UNA	JA3EEM	F4FLF	173
N6VNI	JE4CIL	JH1XFR	G4AYU	7L2QAD
PP7LL	K3HW	JR3ADB	JK1JAS	AB6CF
W5ZE	K3SF	K4WZ	JR1FHP	AI9U
	K6LRN	KB7AK	K5DCW	DM6MA
186	NA2U	KE5TD	KK7YC	HB9DVZ
AF6PK	W2CG	KJ6NZ	KT8D	K1ROA
I4UUL	W3ML	KZ2R	LA4JGA	K5ZQ
K5EWS	WF8R	N3KV	LA7EIA	K6UNE
K5QX	YB2TS	NO0B	N1JP	K8JE

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N7HN	LA2GH	PY2SEX	AC4BT	162
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NX2X	N8VV	WA5NFC	EI6IZ	DJ7JC
OV5O	NG9J	166	IZ0GVZ	DS3EXX
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JA1BON	169	JR6GHN	KD8MQY	W8FN
K5TA	DM3CW	K0KV	KL7TS	161
LZ1XL	JA1KXT	K7CTV	N2XQM	HL3ERJ
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SP5ES	K9OT	SV2CLJ	S50B	K4AR
TF3JB	KI2D	VA7DX	SP7QHR	KM4A
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YB4IR	RD3BD	W8SAX	W9CSX	NA6XX
171	SV1IZY	WA1ZIC	163	OK2ZDL
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DL5MM	EW1P	ZS6IR	EA3HDZ	W9GG
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JL1GYZ	K1VI	HL1VAU	JA4GXS	JA1ITJ
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JA1GVT	KH6XT	W6FL	W1XV	159
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			XE2YWH	
			YO3DDZ	

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KC4HN	HB9MXY		K4DET	KM2E
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OT1A	JL3DGI	JH2NWP	KK4CLY	NZ0O
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W1EBM	N4QM	K0SRL	NU4I	TF3Y
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XE1MW	N7RD	K8ROK	VA3EJN	WA1EHK
	W1MR	K9MMS	VA3HP	WF7T
		K9YZ	W3HER	
158	155	KF9LI	W5WLA	148
9J2BS	5P5Q	KK4XL	W6WA	4F3BZ
G4SGX	AB4GE	LA2IR	WA9JWL	A71AM
HK3PJ	DK3QM	N0VVV	WC2C	IW5EIJ
IK3DVY	IV3TDM	N7NW		JA1IHD
JJ1KXB	IZ2EWR	OH3DP	150	JF2AIJ
K4HQQ	JA0EBV	OH3FVP	DK3BK	K5LY
K8GWU	K2DF	SP5NON	DK3FB	K7STO
KB2XJ	K4EZY	W3DIY	DL9SAD	KA3GWD
KF7NN	K4SAF	W8VK	HB9EBM	KB8ZUN
KJ7NO	K4WM	WB4SON	IK1UGX	KD4EE
N4XXM	M0IFT		IT9ABN	LZ1MDU
N6MM	N1QY	152	IT9IPQ	N0TK
N8TFD	NF7D	4O3A	IZ0FUW	N3ND
W0JMP	NK7Z	AC6BW	IZ2MHT	NJ6K
W8LIG	NO9E	BX5AA	JA6SUY	PY2CP
WB2RAJ	OE1HHB	DF2WF	JA7GZM	VE6TL
WB9B	UT7EC	DU1KT	JG1GJH	W4AG
WB9ZNZ	W5SV	G0THF	K5HK	W9MAK
WT2P	YB1AYO	G4AFJ	K9RT	
		IK5BSC	K9UWY	147
157	154	K2EK	KI7M	AB9KZ
7N3IJT	AC8TO	K4RDU	N6JOJ	AI6P
E20YLM	AJ8B	KD2OV	N8IK	EI3CTB
EI2JD	DS5WQT	KE9S	N9IO	F6KOP
GM4KHE	JA0GZZ	NH6L	NM4SH	G3VQO
JA0NZR	JA4HXF	NM1G	ON6ZV	IS0/YO3RA
JA1UBZ	JA8ANQ	OH3PYY	SM0BSO	JA0JPD
JA3MHA	JE6PJP	ON4LG	VU2NXM	JJ0LZQ
JE3OUW	JF3VEC	R9JX	W3KB	JK1OTP
K0PX	JH1AQN	W6RFF	W4NE	K0PC
KB7QFE	JH1BHW	W7JET	WL7OU	K3GGN
KM4HQE	JM1JZN	WA6EZV	ZS1C	K3GW
KN7Y	JR3QHQ	YV4DYJ		K4NTO
N4MI	JR7ILA		149	K4TXJ
N6VH	K5DXR	151	7N2JZT	K5UZ
N9MB	KC1ERO	AB2E	DS4DRE	KB9LIE
PY1NS				

KX5U
SV8RX
W3NRJ
W8OM
W9GM

146

AE5B
HP3TA
JA3KWZ
JE1COB
K6NR
K8ARY
K8POM
KB9AIT
KM8AM
N6FS
N6RK
N9MR
SM3DXC
SP9IZV
TF4M
WA2MUA
WA3SKQ
WW8RT
XE2B
YB1BML
ZS6UT

145

5T5PA
AA5TL
AC7JM
AL7TC
DL1MEV
EA4S
EA7LS
EI7GY
F1OBJ
JH1CTV
K5FXB
KQ5M
KS0M
N6KK
NS4X
W3DQS
W7NP
WR7Q

144

AD0TR
DL6DCD
G4FTC
GM0VIT
JK1NPH
K1TKL
K8OS

N5UE
NJ1Q
RN0C
UY2UZ
W0AIH*
WB9W

143

AA4MM
AF3X
EA4D
HB9AAA
JA1MOD
JF2RSF
K2OO
K6LPO
K7QBO
K9BQL
KE4FW
KG6D
KJ2U
KJ4R
KN7K
LB2TG
N2YBB
N4GBK
N4UP
N7ZA
TG9AJR
W4JVN
W4UFO
W7VS
WY0V

142

JA1PUK
JI1UHZ
K2CJ
K3GT
K8MRT
K9UO
KA6BIM
KB1HY
LA1J
W4MA
YO8CRU

141

7K3QPL
9H1AE
EA1T
EI3ISB
HB9EXQ
IZ3XEF
JR3PKO
K1IG
K2JK

K4RM
K5VG
K8RCT
K9AAN
KA5SYP
KA5VFU
NZ6N
SV2JU
TF5B
VE3FAC
W1NA
W3IZ
W5GOL
W6HDG
WK9U

140

AA4DD
AD9DX
EI6JK
EI7JZ
I4JEE
JG1RYQ
JJ1OKK
K0UBR
K5GZR
K6EV
K7VC
KC3AK
LA8PDA
LZ2HM
N0SL
VE3NJC
W5VU
W9BS
WB1ASL
WB8EKG
WW6G
YB3MM

139

F5VML
HB9ARK
HB9DTE
HL4CBX
K0QB
K0YL
K9TRV
KX4I
N0CKC
N2SG
N7NF
R9MJ
ZL3TE

138

AC5AA

DL5KUT
DL5ZB
G0FWX
JA0CVC
JA1PVX
JA1VRY
K2YSY
K6CW
KC9G
KF6A
KL7NW
KU9S
N3PV
N9BVA
OD5YA
PV8ABC
TA1PB
W0UHL
W4DWS
WA5POK

137

DL2RD
G3PSM
HL1MKT
JH1SBE
K2CDJ
K2RKJ
K4AU
K6IRA
K9BO
KP4N
N7VZ
N9NFT
NI4Y
NU1T
OE3JAG
SM5CSS
SP3EPG
TA1AL
W2GGY
W2NY
W4UEF
W5AAJ
W9MR
WA0WOF
WG0G
WS1F

136

DM5JBN
EA5KA
G0OSK
IS0EBO
NT5EE
ON5GF
VE3FRR

W0ANZ
W4EJG
W4GH
W4IDX
W4PV
W7SX

135

AB4FH
GM5YTT
HZ1GW
JA1DCK
JA3MIO
JA7MWC
JJ1HLL
JL2ULM
K2WJ
K3HPA
K3WGR
K4OP
N5RN
N7TW
NX8Y
S53MJ
W5IO
W7QHE
WB3AVD
WB6FWS
WB9IWN
W05I

134

AB0RX
AB1J
DL4ZAB
EA6AZ
IZ8DEO
JA6GXP
JR0GXA
JR1HYA
K3KY
K7FL
K7RAN
K7YZO
K9JDP
K9SUH
KA9JCP
KD2SC
KF5WCP
KN4OK
LB5GI
N1AH
N2TC
N5JED
N6XT
NC6RJ
PA0QRB

SM3WMU
W1DAR
W2KNG
W4UAT
W7KKC
WB1DX
XE2AD

133

7J1ABD
DL8OH
G4NBS
GM1BSG
HB0WR
HK4EB
JA5IBP
JM1JIV
K6ME
K7YMG
KC2STA
KG6WIK
KI4TZ
LA9KY
N1BKB
OH4KRN
OH7HM
V31CQ
VU2ABS
W1GY
W1ITU
W3MF
W6OUL
W9SE
YO3GJC

132

AA4FU
AK3E
AK6I
I8NLC
IK8OZV
IZ0COI
JA9KRO
K4BNF
KB8KIM
KE7BMG
KG8OU
KI7HO
KK5ID
M3DFW
N3TR
N4EDT
N4QOG
NN3V
ON6YH
PY2OP
SM7DXQ

UW7UA
VU3WEW
W3KHZ
W4MC
W5FL
WA1HXH
WA1KXV
ZS1EL

131

EI5GM
JH1IYY
K0ARM
K5SES
K7GA
KA5IAU
NG4DX
NN6K
W5EC

130

AA4QE
DL1SWN
JA2LMY
JH3PRR
JL4BSE
K2MHE
KN4JX
N2YF
N7TM
NS4F
OZ6TL
W1MO
W9CTJ
WA7HR
WB8RFB
YB2IQ
YO8PS

129

AD6KQ
AE7U
DS4EJA
JA0AVS
JA1PLT
JA2ACI
JA3WMS
JH1RFM
JM1CMA
JN1SUT
K7ORK
KB3IFH
KB4KBS
KN4WOJ
N8BK
N9AVC
PY3OG

SM2YIP
VK5CE
W7TG
XE1ILI

128

A71XX
EA1AHA
EI3IO
F4GTB
HL2DBP
JH1AWJ
K6OJ
K7PTC
K9YKL
KC2WUF
KD5R
KG2U
N0JR
NR0Q
PU4MMZ
R3BB
UR9IDX
W0QD
W5MF
W6IS
W8BI
W8WV
W9EBO
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127

7Z1HL
AG4TO
DJ5DT
DL9GTB
EA3NG
EA4TX
G8BCG
HB9TJG
HK6K
I2YPY
JA0BES
JE2VYM
JF2OHQ
JG1LRE
JG5DHX
JH1HRJ
J11MNT
JR1LZK
K7LFY
KF3N
KS8W

LA2LI
N0AB
N0DL
N1BZ
N3GTG
NA1RL
NT9F
ON5EQ
VE3EDY
VU2TMP
W0MF
WA2BOT
WB2KSP

126

CU7AJ
DS3EXT
EI4HH
IK4TVP
IW7EDZ
JA5CDL
JA5XPD
JH4GXE
JK8VMB
K2GLS
K5KDX
K7PO
K8GT
K9QA
KC3RKW
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
N7UJJ

NA7RH
NN6CH
SM5AFU
W0XE
W4AO
W5CWQ
W6PG
WA1LAD
WA4TMJ
WM4AA
WR2G

124

AA5H
AF8C
DJ3EJ
EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
J11DMH
JM1LPN
K3SUI
K6VVK
K7HC
KB8DID
KC2NJ
KC4AA
KD3UY
KD9ZR
KK4TKJ
KV8P
N0YO
N4LSJ
N5VBK
NT4K
W0DD
W4BH
W6ELI
W6ND
W8PAT
W9TO
WB1S
WW5L
ZL3REX

123

AB9BH
AE5FM
AI5EG
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA

JA1GLE	JA1CPN	NR2D	ZS2I	WA4VJK
JA2HOL	JA1EYN	PP2FN		WW5RC
JH1RVQ	JA1WTO	VE3QAA	117	115
JL3RNZ	JE2DOD	VR2ZXP	AD7L	AA9WO
K0MD	JI5WDC	VU3RGB	CE3FZ	AF7WM
K2JGL	K1LTJ	W1RG	F8EZE	E74A
KI0HA	K3CWF	W2FDM	IS0BZR	HB9MZI
KO8SCA	K9MQ	W5RYA	IZ7QFN	HL4RBR
LA2XNA	KK4ODQ	W6GJB	JA9KA	IW2FLB
LX2SM	KO4DKI	WT5L	JM3GXU	JA0NPQ
N6DVR	KU2A	YB0AZ	K0FF	JH8LEY
N9RE	N3ER	119	K4AEH	JJ2VLY
OH3TY	N5ZY	DL2VWR	K9LCR	K5TU
PY2ADR	NA2R	F5BAR	KB2S	K8CR
SV7CUD	NA4MM	HL2MHU	KB5CSQ	KB4CRT
VE3VHH	NY4G	JA6JYM	KO4PY	KB7V
W2WGK	OZ6EI	K7LOL	KP4ED	KG4URP
W4UT	TA1L	K8EB	KZ1X	KV7N
W7FI	UA0FDX	LU9DO	N5JEY	MM1PTT
WB8TGY	W2ARP	N1GNB	N8AGU	N0TR
WU7X	W3/NH7C	N8LCU	VE7NY	N7PIB
WX3P	W3JXP	ON8PHD	W3LWH	NE1RD
YB9WZJ	W4CC	SV1BYI	W3MRL	NG0G
ZS6NK	W4KCM	SV2KF	W4ARK	NW6V
122	W5UQ	VK7AP	W4PG	OE5MPL
AA0BH	W7PC	W1ZK	WB9WHQ	W4OV
AA5B	W9MB	W6ZPL	YO6HOY	W5WS
AB5YI	WA7HQD	W8EOG	116	WB4MM
DB4RG	WB7BBQ	ZL2AO	6K2ILX	WJ5K
G0HSA	WQ8T	118	AA0FT	WS4H
HC1HN	WT3Q	6K5AQY	EA5GXI	114
JA9ALR	WU9D	AC9GK	EI4BZ	F6FHZ
K0HQW	120	AE1T	G8GHD	G3CWW
K1AJ	AA2T	AJ6X	IZ2CSX	HC1HC
K3DQB	AC4TO	DJ9KM	JA2KPW	I0BJV
K4VAC	AE5LK	IZ0RPS	JT1CO	IZ0FYW
K9KJ	A12S	IZ1JIZ	K4LCP	JA1CPU
KB4ET	CT7ABD	JA6CMQ	K8JRK	JA8EIA
KN9N	CU2CE	JH3LCU	K8MN	JG4OOU
N1ZZ	DS3DNT	K9KJS	K9GWH	JM3XZC
N4GRC	DS5QLJ	KA5JSM	KC1RET	K2IRM
N9ATD	F5AQB	KA9JAC	KD5RBU	K3PL
UT9LC	IK8IPL	KB3KJ	N0ATQ	KB1W
W1ES	IT9JPS	KC2THY	N0UCR	KD2NF
W1HEO	JA1DCO	KD9BIE	N1GFV	KI8AE
W1KKG	JH5OTE	KG5VK	N2ZL	N3DD
W5HNK	JJ1XVA	KX6C	N4KEB	NA1DX
W6HB	K9CHP	LZ1XZ	N5EI	NG8T
WA5YOM	KG4OJT	N3HYB	OE6CLD	NK5K
XE2MX	KJ6Y	N8KUS	RW6MBC	W0LGQ
121	KK7BR	VR2CC	SM1NJC	W0QKL
AB4BJ	LU3XX	W4AFB	VR2IL	W2ZK
DL7UGO	N1TQP	WA7ZXD	VY2RU	W8LR
HA2EQD	N3DV	WA8RCK	W1HQ	WD0AJG
IK6BMU	N3GS	WB5TOI	W7WES	WN0L
	N4UFP		W9LU	

WT9U	JA4RED	DK4MX	N6RVI	WC4B
XE1EE	JF3AHI	EA1BLA	NN8L	
YB2BNN	JH0LME	EI9HX	NW6R	107
ZS4JAN	K0XM	G4VWI	NX1P	AB7RW
	K4HEB	G6MXL	NZ3M	BG8PA
113	K4ZMV	HB9BEP	PF7M	DJ5FZ
AB1NS	K8CJY	HG6IA	PV8DX	DK2GP
AK0A	K9KDS	IZ1EPM	SP7ASZ	E73D
DL2DCX	KH6P	JF3KOA	T88UW	EA2BFM
EA5DPL	KY6AA	JH1FRW	W3ATV	EI5GSB
EI2FG	N0OK	JR2PAU	W3GP	IC8XIL
F5EOT	N2SO	JR4DHK	W4JDS	JE1CTA
F8GB	N8AID	K3MSB	W5SG	K2FJ
G0UII	NQ4A	K4KAL	W7CB	K2ZD
G4NAQ	S51DV	K4RP	W7VP	K3GO
G4YCS	W3WN	K6DJ		K4LQ
HB9GZE	W4LLP	K6SLO	108	K6DLB
IU8GNY	W5GCX	K9TVG	7M4CLF	K7UWR
JA2CPD	WB2UFF	KF8PD	AC8MR	KA4LBD
JA4CSJ	WD8LTM	KV3W	AC9DX	KB0EL
JA5SEY	WF4W	N1TQ	DB9CR	KF2G
JF1AZQ	WJ1B	N3YZ	DL1TPY	KF6XA
JH1GNU	WN1M	NZ7Q	DL2AMD	KJ4FZ
K1JKR	ZL3PAH	OE6BME	DL2NAI	LU5OM
K2KNB		TF8GX	DM5TI	N0MHL
K4JDJ	111	W1ZZ	DU1IVT	N1UZ
K4JLD	AK4N	W5JE	E70X	NI8Z
K4TR	EI9CN	W6TCP	EA5XV	OV2B
K5WRE	F8DZY	W7YED	G5CL	PP5VA
K7BWC	G4ZWY	W8PE	IK1RKN	RM6LW
K7MO	HB9ECS	W8TE	JA2DCN	SV3EXP
K9DUR	JA4DLF	W9GFB	JA2KGQ	TA1CQ
KA5OWI	JA5EEU	YB1SKR	JH1OVY	UX5XK
KB1OIQ	JE1TNL	YO5QAW	K1FUG	V31MD
KB2TGU	K1RE	ZS5LEE	K3XO	W1USN
KC0V	K2KYH		K4GHS	W5HY
LU3JVO	K5NV	109	K8LBT	W8JA
M0NGN	K8ZEE	AA4RX	KC8YG	WB2BXO
NA9L	K9JIG	AC8AZ	KE3ZT	WB2MKX
S52R	KI2Y	AF3K	KE7AUB	WC2L
SV2DSJ	KM5VI	DL9QJ	KI4SFT	WM4W
VA3AYA	N4NYY	F5DBT	KJ2AM	WS7I
VK7ZE	NT5O	F8DHE	KJ4SKO	WU1U
W1FC	PT7CB	G0MMI	KO4XI	ZP6CW
W3JM	TA1UT	JA5GOJ	KW1X	
W6BBS	TA2RC	JA9IWR	LU2AH	106
W7CD	TA7AZC	JH4GNE	N2IFA	AB6WQ
WB9YJE	W7WT	JI1IZS	N5FPW	AC7DX
	WB8PKK	K0FD	N5TW	AC8IL
	WU4B	K4AEN	N7TP	DS2GOO
	XE1ZTW	K6JAD	N9AZZ	EA3AGY
		KA4AHU	TF3MH	EW4DX
	110	KB7DT	VE7VV	F6JSZ
	AC0B	M0AQM	W4DVG	G0OJG
	AG5Z	M0MCV	W6CN	G0RPM
	AJ6V	N4LS	W7SMW	G3LPS
	CT7ANG	N4WD	WB5ZAM	HI7SB

JA3AOP	K6GCN	N4ZR	WA8KNE	101
JA3FRI	K7CMZ	N8TEM	WC9C	AA9D
JF7NNI	K8FB	N8WXQ	YB1ALL	AB2NI
JG1XBM	KJ8N	NA8W	ZL1IM	AB4EJ
JJ1IRS	KK4MA	OM6CI		AB8YZ
K6VWE	KR0P	OZ9U	102	C31MF
KA9TOX	KZ4EX	PY2YW	4X1VF	DD8BA
KI0KN	LA9JKA	RV4LC	5H8HZ	DD9WG
KI4NSP	LZ1JZ	VE3ZN	5W1SA	DL3XAC
KM8V	N2YU	VK3MB	AC0XY	EA4UV
KR4U	N9APK	W0VU	AD7XG	EA8TZ
KT5V	N9IXD	W9GXR	DB2WD	G3VDB
M0PCB	NC1M	WB7QXU	DL4FDM	G4GEE
N4DJT	NK7L	WX0B	G4FVZ	HB9PUE
N6UOZ	OH6IH	YB1BUL	IC8SQS	IK2HLM
N7MW	PV8RR	YO6HSU	IZ7QSS	JA1KZP
N9ZJ	TF1A	ZS6HON	JH1IHG	JA5ALE
NG4C	VU2DED		K1MDA	JA5JUG
NI7F	W1PY	103	K2DH	JK3NSD
NS7K	W9JJ	AF8P	K2DW	K0GEO
PT2DF	WB8LEM	DS5JMG	K4HR	K3AXB
PY2OC	WD4OHD	EA2RY	K6BLG	K3LA
UA0ABB	WK3A	EI4GNB	K6JAV	K5HX
VE3BHZ	WZ9B	EI9GLB	KA8HDE	K8PGJ
VE3NKS	YU1LD	FM4LV	KB1AWM	K9GL
VE3XK	YV4EH	HB0RER	KO3F	KB5YN
VU2MB		JA3MAT	N2CJN	KC3OPI
W0TLX	104	JF1KIG	N2FY	KC4ZA
W4/KL7GLL	7N4OBV	J11FXS	N4IR	KD2RUY
W6KF	AA2WC	JP1KHY	N8KOJ	KE9UA
W7GB	AA6XV	K0OOK	NA4D	KJ5RC
WA3IIA	CT3DZ	K1FBI	NN5O	KU4A
WA8Y	EA4EJP	K2RNY	R9GM	LA3ANA
WV4E	EI3HA	K3PIN	S51MA	M0PTZ
ZL3RIK	F6ARS	K3TXW	SM0XG	M5LRO
	FM5FJ	K4NI	US8ZAL	N3CAL
105	G0DRM	K4PWS	VK2GR	N4PF
AA2F	GW0ANA	K4SAW	W1GF	NC8I
AI1W	HA5DI	K6XJ	W1MRH	NJ2X
AP2IA	HB9BMY	K7HV	W4GHW	NZ1I
DL9GTK	JA1CC	K9WMS	W5TMC	OZ5JQ
E29TGW	JA1DHY	KA7CVJ	W7FS	PA3AIN
EI6GF	JA1RBY	KP4DDY	W7HJ	R2ARR
F5VIF	JH1MYJ	KQ6K	W7IMU	RZ6MJ
G3LOJ	J14HKA	M0UPL	W9GWP	SV2BXA
HL4GHT	JQ2MPJ	N1MIE	WB4PWZ	SV4FFL
JA1JYS	K0BRO	NB3R	WB7QBS	TG9AKH
JA1SZN	K1TWF	NI5G	WD6T	UA4PK
JE6UWU	K2CQW	RX3BP	WD9IOK	VA2GA
JJ2BLV	K4WW	VE7XT	WN9A	VK4BUI
JK1AIA	K5JUC	W2SUB	XE1SAX	VU2OT
JK1AKA	K7UW	W4CU	YB0EIN	W0ZX
K0MB	K8WVA	W5IP	YB9AY	W2FDJ
K1EO	KE4YOG	W7KHZ	YO6BHN	W2GHD
K1ETA	N1FOJ	W7UV	ZS2ACP	W2PD
K2GW	N3PW	W8EH		W3RMS
K5WE	N4PAJ	WA6URY		W3SW

W4PM	K5LLA	W0RMS
W6OU	K5MMH	W2MW
WB5KSD	K5PSN	W3KN
WD4IXD	K5VSD	W4CG
WM5H	K5YE	W4DFU
WU6K	K7VL	W4YR
WX7B	K9EA	W5PD
YB8HZ	KA2F	W5YKU
YO2OXD	KA4H	W6OZI
	KB6IGK	W9KM
100	KC5N	W9ZT
2E0XAR	KD0KZE	WA2ALY
9M8DEN	KD1DT	WA2VJL
A41ZZ	KE1IU	WA3UTC
A71EM	KE8NOA	WA3YZD
AA7UN	KF5MDZ	WB0RXQ
AC0DH	KF5TL	WB2ZEX
AD4J	KG4IYS	WB4HMA
AE4VJ	KI0G	WB6RAB
AK1P	KI3O	WB6RJH
AK4AO	KI4PG	WD1M
DB6VH	KK6MF	WD4GZW
DC1TK	KL2R	WF5I
DK1MCS	KL7XO	WI0E
DK7GH	KR4Q	WK7W
DL3ANK	M1EMC	WM4D
DL5JH	N0JX	WM9Q
DS4GQR	N0KM	WU1T
EA5PS	N0VTZ	YB6LAY
EI4DQ	N1KI	YE1AR
EI4GJB	N3NVA	ZS6CR
EW4A	N4GOA	
F5JWH	N5CR	
G0GFC	N5LJL	
G4PUQ	N5LKE	
G8GFF	N7WFK	
G8GNI	N7WR	
GW0KRL	N8HM	
IK7NXU	N8URE	
IZ4IRO	N9MKC	
JE7KCI	ND0B	
JG0HEW	NE3K	
JG3LDD	NX6D	
JG5VFK	OM2AGN	
JN1RFY	OR4K	
JR4VEV	OZ1GCT	
K1HC	OZ9GA	
K1JX	PV8AJ	
K1PTF	PY5VC	
K2UF	R2AB	
K2UT	UR8IDX	
K3NO	VA2EU	
K3QB	VE1JF	
K3RRR	VE3KKB	
K4GM	VR2PX	
K4KYN	VU2OY	
K4QS	W0PPA	