

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 12 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
SM6DHF
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

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AA8CH
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G4PWA
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JH4JNG
K2TE
K4IQJ
K5BG
K5DU
KX4R
LA2PA
PY5EW
R3VA
RA7A
RW3RN
VE3LYC
YO3APJ

317

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DK2NG
HB9HFN
JA2IVK
JO7WXN
K2RW
K6YUI
KE9L

N2BJ	EA6VQ	K4SO	W2JU	OE5RLM
N4QS	EA7TV	LA7JO		R8TX
OE1WEU	G3NDC	N1IBM	308	R9FM
SP1MGM	HA1RB	N5ORT	DL2CHN	UN7JX
UX1UA	IZ8FFA	RU3QR	HK4SAN	W5ADD
W6VX	JA2AH	SV1CNS	IU7QBB	
WX4G	JA2ZL	W7CT	JA1IZZ	305
	JA5XAE	W8HW	JA7IC	DJ4XA
316	JR4OZR	W9RN	JA9TWN	JA1IOA
DL5WW	JR9LKE	WB8BPU	JG4AKL	JA1VSL
G0OIL	K2LS		JH1SJM	JA7BWT
IK2QPR	K5AQ	311	JL1RUC	JA9GPG
JA8EAT	KB0EO	IK0PEA	K0GY	JE6TSP
K3WA	KC9ARR	IZ2AMW	K0KVR	JH7RXU
K4EM	LA7AFA	JA2XYO	K2UU	JR2UBS
K4HB	MD0CCE	JA4MRL	K8OM	K0JUH
K8YTO	OE1AZS	JR6FC	KI0KB	KD3CQ
K9MM	OE1ZL	KM4H	KN5O	KG4W
KG8P	SM4DDE	OZ4O	KS1J	N9AU*
KQ8M	SV1DPI	PY2XU	OE3SGU	NQ1K
N5DG	SV1JG	SV2DGH	R7NW	PA5TT
RV3LO	UA6MF	UR0MC	VA5DX	RA9CMO
SP1JRF	UT9FJ	WB9CIF	VU2NKS	SM3NXS
UA3DPM	UX0FF	WD0DAN	W2QO	UT2UB
W1GL	YU3AA		W6ENZ	W1YM
W7MO		310	W9MU	W5AJ
W9ILY	313	JA0CRI	WA8WV	W5XC
WA2VYA	5B4MF	JF8QNF	YS1RR	YB1UUN
YB5QZ	AA5AT	K5XI		
YO7LCB	CT1GFK	K6RO	307	304
	I3BUI	K8AC	A65BR	DJ9ON
315	JA1GRM	K8FL	DK2JX	DK5AD
9H1SP	JA5IU	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

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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
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IZ8EJB
JH1OCC
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KB1EFS
LB2TB
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OZ4VW
UA3TT
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WA0MHJ

270

7K1PTT
BA4MY
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CT3MD
DK8MCT
EA1KY
EI6FR
F9XL
K0BJ
K7UA
K9JF
K9MBQ
N4JQQ
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269

IK7FPV
IK8EPC
JA1OVF
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JP1NWZ
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OM4EX
SM5FWW
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268

7M4AOE
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JH4HMG
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LA0FA

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N5JB
SM6BGG
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W9HBH
WA1YTW
XE1MEX

267

AA4FL
HB9IQB
IV3VBM
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JA8UIV
JH3FHQ
JI3CJP
JJ1TKN
K6BV
K15BLU
SM5BMB
WB2BIN

266

EI8IU
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JA6GPR
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K5VWW
K8AJS
N6PSE
N6RV
PZ5RA
RA4CA
SV1HEP
W0FLS
W7YAQ
W8MET
WB2GAI
WB3LHD

265

4F2KWT
G3WPH
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JH1ACA
JR1WCT
K2CBI
N3VA
N5KM
N9JV
NU1B
NV9L
W6RS
WA0RVK

264

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IZ0NRG
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JA7HRM
JR4LNG
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N1GC
PA7TWO
SV1CQN
VE6AX
W5PF

263

DK4TP
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EA4DL
HA7UW
IZ4DPV
JA7XBG
JR8AMF
K1KO
K7XB
K8FH
KN6KI
N1RR
N7BT
NF1G
WA4LOX
ZS6NJ

262

CU3EJ
I5REA
JA8BAR
K8AV
LA9FFA
N3RC
N8OC
NK4L
NX0I
W0GG
W5ZG
W6NWS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
YB2DX

261

DK3PZ
G3UAS

IZ8IEV
JA3FHL
JA4VLK
K2FW
K7LJ
KM1D
LA5SJA
OM8FR
SM7CQY
SM7IUN
ZS6WB

260

AA9A
EA8MT
EA9IE
EC1AIJ
FG5FR
JA2FBC
JA3VPA
JA3WLN
JH3FUK
K1ESE
K6EME
K8YSE
K9FN
LY1G
N6MZ
NT5V
SK7AX
SP6JIU
SV1FJP
TG9NX
W2XI
W6TMD
WA5LFD
WV8DX

259

DJ8NT
EA3EQT
EW1BA
JA8BNP
JE2RDO
JK1UNZ
K2UFM
K4KAY
LA6UL
NI3P
PY5CC
W1KDA
W7AH

258

CU3EQ
DK7YY
HL3AMO

IK4AUY
JA9AGN
K0TT
KH2L
N1EN
SA0AQT
US0YA
W1SSN
W9EWZ
ZL2IFB

257

AF4HX
DJ0UT
DL9FCY
DS5ACV
EA1JO
EA7SG
EB3CW
IK2PZC
K1SM
N1API
N6HC
PY2MC
RU1AB
SV1VS
W0JM
W5DM
W8MJ
WQ6Q
WV4TN

256

BH4QYX
EC1A
FG8OJ
GU0SUP
IK4HPU
JA0KJE
JF2VAX
JH1RGG
JM1GHT
K4JJW
K6EID
K8RRT
M0TTB
N1SV
N9ISN
NA5Q
VK3NX
W8JRK
WB7B

255

A16Z
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F6ECI

HC1BI	251	248	244	JF6XQJ
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JK1OPL	JA1SKE	HL2KV	JJ1QUV	KV1E
JR3UIC	JA5BGA	JE2VLG	K0KG	N4OA
KR4F	K4VIG	JJ1SKG	K1EFI	W5DNT
N1RK	K8CW	KF7F	K1KA	W5QM
N5BO	KG9Z	N4XP	K1YR	
VR2XMT	KJ7TEA	OZ1LCG	KK1W	240
VU2CPL	N4SC	SV1IW	N0RN	7K1CPT
W5JAY	N5UL	W2TB	N6KZ	E21EIC
WS9V	W2JLK	W8IW	N6PM	HB9EFK
	W3ABT	WV9L	OE3HWC	IW3GJF
254	W4SK		SP6A	JA1DM
BA7IO	W5GAI	247	W0QQ	JA2FSM
CT1BWW	W6DE	CT1FUH	W4REX	JH1APK
IZ5YHD		JJ1BMB	W5PJR	JN1NBU
JF2WXS	250	K1PL	WA2USA	KF0LA
JH1VUO	6K5YIA	K3VAT	WA3F	N0ABA
K3SEW	F6HLC	KH6M		S51NM
KI1U	HA7TM	N4QWZ	243	SM3LGO
LA5YJ	HI8R	N7DED	CT3KN	SP5LKJ
NE8P	IK0UTM	PY5IP	DS5TOS	UX5UO
UA3O	JH6PFY	W2/CT1GIF	G4XRV	W0SZ
W3FI	JL1MWI	W7IB	JA1PBV	W8WEJ
	JR0EQQ	W9JJB	JA2EPW	WA4CEM
253	K9YC	WS5W	JR5JAQ	WB8CQV
JA6IVR	K9ZM		K4ZO	XE1RBV
JA8XQI	KQ3F	246	K8ME	
K0DD	PA0JSE	AA7G	W1BR	239
K1FEV	PY2FN	FG4NO	W4PNY	AG1A
K6MKF	UN3G	HL2EIZ	W9FI	DJ9RR
K8DV	W2GW	IV3KFB		I0JBL
KE1F	W7HPW	JE1VTZ	242	IZ1JMN
N7XR	W7IU	JK1WSH	JA4ZA	IZ2FOS
UA0FO		K2SN	JH1ERJ	JA6CBG
VE3YF	249	KB6CIO	JH1WJR	JA7KE
W6RW	EA1RT	LA9GX	JH4ADK	JA9NFO
WF4U	HL2CFY	W1KMA	JJ2WOC	JE2UFF
YB0COU	IZ8GGF	W3ICM	JK1VXE	JH1DGJ
	JA1EMQ	W5ZO	JR1MLU	K2XF
252	JA8FFM	W8OP	JR7GBL	K8YYY
DL7UPN	JH8GEU		K3NQ	N8SHZ
F1ICS	K9NR	245	K4PB	NF4A
G3KWK	KM6HB	AF5CC	K7FEL	OE3KLU
G3NKC	N3KN	AJ8MH	KJ7M	OH7TV
JA1BNW	OZ5NJ	G3KMQ	N2NS	WA6JA
JE1HRC	SM4OLL	HA5PT	N6HY	WB4KTF
JF3PNQ	UN3GX	JA3QOS	VK3BDX	
JH4CBM	VE3YV	JJ6DGP	W8GNM	238
JL1BYZ	W0RX	KF7PG	WB8K	G4FKA
K5FZ	W8IQ	N0AH		G8AJM
W2ZI	W9RC	N2NW	241	HB9MFM
W7CA	XE2D	NZ3O	AB5C	JA0LXP
WV6E		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	K3SF
LB5WB	DF7EE	W6CYX	JH2PWY	K4JWA
N4HID	DK2CC	W9ZCL	JH3GFA	K5YU
SM0MPV	HB9BYQ		K4JC	MU0FAL
W6AER	HS1NGR	231	K4KGG	N0ODK
W8UN	IK0LNN	AD5WB	KB1DMX	N2SQW
WA0ROI	JA2OLJ	DK6OR	KE4UW	N9SF
WB8B	JK1BSM	HL2ZN	RA3QUA	NJ7G
WB8ZRL	JR1VAY	IW7DVM	VR2CH	W5GZ
WC3W	JR4LZX	JA0KJD		W5LO
YO3JF	K4MF	JA1MZL	227	W5TFW
	KE5FXE	JH0AWC	AC9O	W8CZN
236	KE8UM	K5IB	DL2RUM	W8UV
HB9ZS	KX2A	KD6UO	EI2HY	W9KVR
JA1HOM	ND4V	LZ2XF	HB9DVO	WE1P
JA1JYE	NV4B	NA4EA	I0MWI	YO9FNP
JA3KNN	OH2IS	SM7NDX	JA0DWY	
JH1UBK	W3WST	W2DXE	JK1SQI	224
JN1NOP	WA4JQS	W4UDH	K1GE	JA1OVD
K1ACL	WA5UA		K5GH	JA8NFV
KM3J	WX2U	230	LU6ETB	JO1LVZ
N4GN		G3LUW	N1NU	K1CBK
N6IE	233	JA5NPV	N6OJ	K2HAT
NH6T/W4	AA9GR	JA6AVT	N9PGG	KZ5DX
OE2BZL	AA9RR	J11VVB	W5SL	N3RW
OZ7FOC	AJ4A	KB9DAK	WA9GON	N7WO
PA0TCA	DH0GSU	KK9H	YL2KF	RW4CY
VU2CDP	DS3HWS	W2KA		SM7BHH
W0HBH	EA4DEI	W8FIB	226	SP6AXW
W2YR	EA5AR	W8WVM	DM2RM	V51B
W3FOX	JH1SOD	W9YE	I0OSI	W7NN
W4GIW	K8BN	WB2NPY	JH1IED	WB0O
W6DR	K8EAB		K2BA	WN6K
W9OO	K9JU	229	K2RU	
WA1PMA	N9BX	AA3LX	K4YJ	

223	K4MIJ	W5THT	W0K CJ	W5WP
AB4UF	K5MT		WB6BFG	W6WF
AF2C	K6MM	216		W7FP
EA5B	K7AWB	CX2CC	213	W9IL
EA7DUD	K9WX	DJ3XG	9A1AD	WK8A
I8MTQ	KV4T	G4VMX	AG3V	WW2DX
IK2RZP	KZ9DX	JA2VHO	DK3UA	YB0DJ
IZ8MBW	ON4ATW	JH7WQX	HB9HIT	
K6IPV	PA3BWD	K7LV	IV3FFI	209
KI6CG	SM0DSF	KK4OW	JA1FVS	JH8UQJ
KW4V	UR4IOR	KR4W	JA3NHL	K0LB
N4ENE	XE2X	KX4TT	JG3RWX	K0VM
NA2AA		LB6KC	JR1EFG	KB2FCV
W5RF	219	NC4RB	K1NJ	KB4MRX
	F5JSD	PS8ACL	K5ALQ	N4TD
222	HB9BNQ	W0SR	KK2M	N9XX
AK5Q	HL5BMX	W5VQ	N6PEQ	PU1KGG
DJ9SO	IK5QPS	W8LMG	N8GP	SM5BNK
DL5XL	JA1FJJ	W9MO	NA2M	W6DCK
E77S	K5JZ	WB3D	VK3FM	W8BLA
IZ7AUH	KD2T	WS1L	W1LE	W8HMK
JM1VRW	KE6V		W3BJ	WBOULX
K2AT	KG6I	215	W7HR	
K6ZZ	KI7AO	9H1EJ		208
KB5UNX	KR6C	AA7XT	212	HP2NG
KS4YT	N1KC	DS4GKF	3A2MW	JH0NOS
RA4P	N6DX	HB9IIO	G4ZOY	K0THN
SV8CKM	NA9RB	I5XFD	I1YDT	K4WES
VE7BV	W6GRV	IZ0BVU	JA1BWA	K5RJ
	WA3I	JR0AMD	JR2PZX	N4FN
221	WW8W	JT1BV	JS6TWW	NU1O
EA2AAZ		K1TZQ	KU4BP	NW6S
HB9HBZ	218	KF4NEF	NY1V	W1FA
IZ1JLG	DL2NOM	KO6KD	SM5AOG	W4WN
JE2EBT	DL4NBE	N8NN	VU2DCC	W5FPT
J11NJC	DS4AOW	RN9N	W5DAW	WA6G
K4CGY	I7PXV	W0FG	YL2TW	ZS1J
K5DV	KE3D	W0TT		
KU4XO	KR2Q	W1JGS	211	207
N4TOL	KV4AA	W4IS	AA8SW	9K2BM
N9JR	N4JT	W6SL	JA3LDH	DG5LAC
NA9Q	SM7WVZ	WC2K	JE2KSM	JG1JPE
RU0SN	TZ4AM	ZL2AL	JJ1KZZ	K6ZP
W0BM	WA2NPD	ZS2Y	JO4JDU	KE1VT
W4DEE	WC4H		K4MV	M0IKW
		214	KT2C	N9AKR
220	217	DJ3AS	N1BY	OE1JIS
AA6RR	IK0CHU	EA2AFV	VR2XLN	ON4ANN
DL4DW	JA2NNF	F4GVO	WY1G	RD9M
DL4LAM	JA7ZP	HB9VAB		TF3DC
EA5DFV	JG5RVQ	JH1OGT	210	VK2CA
EI9FVB	K0NV	JN7DOS	AA4LR	VK5GR
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K1NTR	OZ0J	K5CD	KD8RQE	W9QO
K2TER	W0TM	PY2RO	PY2WC	YB0MWM
K4EU	W5GA	SP7ICE	S54A	

206	JH8NBJ	N2ZA	WQ5R	193
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HB9CRV	K4GO	PY3VB		AE4CW
IW9DNI	K4JKB	VK6LC	196	DH3KM
IZ4DIW	K9OW	ZS1DX	AG5W	HI3T
JA4DNC	K9TF		CT3CD	IZ5MOQ
JF1IRW	KA1DJ	199	DF2UA	JA0AXV
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KK5OQ	N3PS	AD4AA	I7LGM	KM1C
KK9T	N4TV	JH0RVY	I8YAV	KZ1W
KW4CQ	N6PAT	J11WLL	JA1XRA	NN5E
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W7IUO	202	MU0GSY	RC2A	WA9DU
WA3WZR	BV1EK	N2RR	SP3F	WB6CJT
WB0N	G3SBP	PB9FN	SP5MXZ	
	IK5BOH/2	V51YJ	W6HYI	192
205	IT9ODQ	W6JZ	WA0WWW	F6FYD
AC9S	N8WD	W6UC	WB5NHL	G1VDP
DL6UNF	W1AW	W9LN		HB9FBG
GM0VRP	W3NS	W9RXJ	195	IZ7GIT
IK0WRB	W4RDX		CT1ELF	K6XN
IK3GBG	W7TUS	198	JA7QQQ	KE0A
JA4DHN	W7VY	DJ0MCH	K4KEW	KJ4UZU
JO3WHB	WE2N	DL8DWL	KE4S	KJ4YLO
K4YYL	201	IV3BSF	KF9AF	N4XYZ
K5VR	DL4FAP	JA6ENL	N3XM	NC2Y
K9SG	GI4OWA	JM1ESG	NN2D	UR3EO
KW1DX	IZ0GYP	JR1IZM	OH6NIO	VA2IG
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OH3OJ	LU4FW	K7PT	UR5FEO	
UN9L	N2KI	KA1J	VE3YXO	191
WA4MME	NW7US	N4PYI	W3SB	AA4NC
XE1J	PY2GG	RA3BL	W6KK	HA5CW
	RT5A	VK6OZ		IT9IPQ
204	W1OP	W6SHY	194	JH1FNU
JJ1JMZ	W6AEA	WA2VQV	A65BD	JK1AJX
K1RH		XE1FAS	EA5ZR	JP1LRT
KB5HC	200	YV5LI	JA7JM	K1RI
KM9E	HB9AGO		JM1SZY	K8QKY
VU2IBI	IZ5FSA	197	K1LT	N4DWK
W4GP	IZ8EKL	4X4MF	K2CYS	N4HN
W7IV	JA3EY	BA4TB	KP3AH	N7MQ
WA9BZW	JA7DPC	EA1DLU	KR8T	NK7C
WB8BZK	JA7MAD	IT9AAI	NJ3K	OZ7DN
XE1L	JH1FVE	IV3AVQ	SP6EY	VK2HV
	K1ZJA	JA2MNB	VU2LBW	W8UQ
203	KC6JAM	K6TAR	W4DC	WF1H
DF3EC	KL7TC	K8SIA	W5UHQ	WI8R
F5NBX	KM4VI	M0HIH	W7PAQ	
IK2RGT	LA6OP	N7WS	WA1NXC	190
IZ0BTV	N1IA	W4DAO	XE1R	AA4U
JA0CIU		W4HZ		AC4VM
JA7JPZ		WI7P		DJ9KV

EC7B	186	W2CG	KB7AK	K5DCW
G3WW	AF6PK	W3ML	KE5TD	KK7YC
G4XEE	I4UUL	WF8R	KJ6NZ	KT8D
HL4CCM	K5EWS	YB2TS	KZ2R	LA4JGA
JA2ITK	K5QX	182	N3KV	LA7EIA
JH8KFE	K5TN	4X6KJ	NO0B	N1JP
JI2UDK	K6EGF	I5FLN	SP5ELW	N5FEE
K7UT	KC6X	I8LWL	W0ZS	OZ9XU
K8ZT/QRP	KK0DX	JA6SQR	W1HS	VE1VOX
KD0AA	N5QS	JI1CQA	W4CCS	W4LEW
N3AIU	W8RV	K7LAZ	W4TUN	W9WO
N6MXU	WA5IPS	KG4JSZ	178	WA3GNW
SM0BYD	WB4DNL	KS0JD	AA8KY	175
W2OR	WZ4RC	LA5LT	AE4M	AG5CN
W9ROG	185	N4MIK	EA8AXT	EA6UE
WA8LRW	JK7LXU	N8NA	F4DSE	IU8IYE
WB4GLI	K0KP	N8NB	G4DDL	IW1PUR
189	K3PP	NZ5O	IW0BYL	JA0LFV
I0LYO	KE5BR	VU3CAU	JA1ERB	JE3PCP
IV3KCB	KQ4EE	W6SFK	K1ZE	JH6RTO
JA1SGU	OZ3SM	W7WZ	K3VAR	KD4POJ
JG1SWM	UN7BK	181	KU1T	KF2OG
K5RKS	VA7ZT	EI3CTB	N6DHZ	KF6HI
K6UXO	W0QC	IZ4AIB	OZ1HPS	KL0S
KY5I	W2WG	JK1DDG	W7HUY	KN7D
OH2LHE	W5SUM	K9AQ	WB6AXD	LZ2ZG
ON6KE	W6RKC	KY6R	WC0W	N7NG
RM3DA	WV2I	N1HO	177	N7VPN
RN3CT	184	N6VS	4X6UU	NS3L
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W4AEJ	EA5RU	N8HRZ	JE4RAL	UA9AGX
W6DPD	IK0HBN	NN9X	JF1LZQ	XE1YD
YB4CHP	JA7FVA	NV4A	JG3KLF	174
188	K3JM	UA9AEU	K2JL	AA4UC
EA7AN	N2MEE	W6TK	K2MK	AG4Q
JA0GCI	NW7M	180	K3OX	AG7N
JH7NTW	SM2EJE	A61BK	K8YE	DF8FT
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K1JD	UT7KF	DK1NAL	KF4VTT	HB9HVG
K2AX	W0PE	JH1IZR	NA6MG	JL6USD
K2DC	W6BK	K0IL	SM5CBM	JR3TOE
N2ZZ	WB2HJV	K2SD	VK2AAH	K5CR
PY2RN	WB3BFC	K3DFL	W0IKD	K9HQM
WV4V	WB4YDL	K8SL	W0JW	K9UQN
YO2DFA	WB5STU	NA5S	W1AO	W5JMW
187	YB1RUS	VR2XYL	W4KVS	W5WI
EA5HM	183	W4DSM	WD8KND	WA4BIM
F4WDL	IU0ICA	179	YB1TJ	WA4NUF
IK8GJR	JA2KSP	DL5MHQ	176	WQ5T
N6NU	JA3UNA	JA3EEM	DL6NW	173
N6VNI	JE4CIL	JH1XFR	F4FLF	7L2QAD
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	NA2U		JR1FHP	DM6MA

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K5ZQ	JG1GJH	KH6XT	WB2WPM	W8MIL
K6UNE	JK1BIB	N1ZJ	WB9PNU	WA9IVH
K8JE	JQ1YIW	N4PL	WC4X	XE2YWH
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N7HN	K7CU	PT2ADM	164	YO3IPR
N9DR	LA2GH	PY2SEX	AC4BT	
NC7B	N4VN	TF3VS	CT3DL	162
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OV5O	N8VV	WA5NFC	EI6IZ	BH4IGO
SM0EUI	NG9J		IZ0GVZ	DJ7JC
W8QXR	NX4TT	166	JE3FOR	DS3EXX
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WY7FD	VE2YG	AL7R	K1XE	HS8KAY
172	W0OGH	DL1SVA	K6CF	JR4CZM
EI1DG	WA4USA	GM7NZI	K6GFJ	N4BAF
JA1BON	YO4AUL	HL4XM	KA1API	NP3CW
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LZ1XL	DM3CW	JR6GHN	KL7TS	W8FN
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N5PA	JA3PRM	K7CTV	N7WI	161
N7GCO	JA3PRM	KN4FO	NA2P	HL3ERJ
SP5ES	JE1PHH	KR4BD	PT7DX	JP7FSO
TF3JB	K8ZZU	KW4J	S50B	K1BZ
W1ASB	K9OT	SV2CLJ	SP7QHR	K2OP
YB4IR	KI2D	VA7DX	W6SIY	K4AR
	N5MT	W4PGC	W9CSX	KM4A
	RD3BD	W8SAX		N7QT
171	SV1IZY	WA1ZIC	163	NA6XX
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F9CI	EW1P		F4CPF	W9GG
IZ0CKJ	JA0PZJ	165	HA5BSW	
JA3AVO	JH1ORA	AG6HE	IK2ULM	160
JJ1BDX	JH3EQP	CU3HN	JA0MRW	E70T
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K2TV	K2SY	IK0XIH	K0ABC	JA1ITJ
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KC5LK	LX1CW	JF1KML	KE1B	JK1EBA
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KW9U	N6MB	K3VPZ	LA1CO	K7LY
N8WRL	OE1ALW	KG4CUY	N0AMI	KC9K
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	167	PT2ND	SM7CZL	N8IL
170	JA8BOV	RA0BA	VA2LC	NI5F
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EI5KO	KB8NTY	VK3TC	W1OK	W9FF

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	N4MI	JR3QHQ	YV4DYJ	DS4DRE
159	N6VH	JR7ILA		ER0FEO
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EA1P	W4DTA	N7JB	AK9B	K2KIB
IK0WMJ		NE5W	DF1IR	K2RET
JA0ED	156	VA3OKG	DL4KUG	K8WHA
JA4FKO	DK8IZ	W4CIR	J68HZ	K9EXY
K0IO	EA3HPX	W8TM	JA2BUR	KM2E
K1EDG	GM3WIL	WA9MAG	JI3BFC	KP4DS
K9QJ	HB9HHH	WN7J	K1QN	N0STL
KC4HN	HB9MYX		K4DET	NE0U
LA8ZAA	JA1CCG	153	K7LAY	NU4Y
N1MD	JA2ODB	HB9BEM	K9AAA	NZ0O
N4VG	JA9RT	HB9GWJ	KE4BKL	RT0F
NE5S	JH2AJY	JA3UOQ	KE8G	TF3Y
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W1EBM	N4QM	K0SRL	NU4I	WF7T
WD5BJT	N5QZ	K4OY	SM0NUE	
XE1MW	N7RD	K8ROK	VA3EJN	148
	W1MR	K9MMS	VA3HP	4F3BZ
158		K9YZ	W3HER	A71AM
9J2BS	155	KF9LI	W5WLA	IW5EIJ
G4SGX	5P5Q	KK4XL	W6WA	JA1IHD
HK3PJ	AB4GE	LA2IR	WA9JWL	JF2AIJ
IK3DVY	DK3QM	N0VVV	WC2C	K5LY
JJ1KXB	IV3TDM	N7NW		K7STO
K4HQK	IZ2EWR	OH3DP	150	KA3GWD
K8GWU	JA0EBV	OH3FVP	DK3BK	KB8ZUN
KB2XJ	K2DF	SP5NON	DK3FB	KD4EE
KF7NN	K4EZY	W3DIY	DL9SAD	LZ1MDU
KJ7NO	K4SAF	W8VK	HB9EBM	N0TK
N4XMX	K4WM	WB4SON	IK1UGX	N3ND
N6MM	M0IFT		IT9ABN	NJ6K
N8TFD	N1QY	152	IZ0FUW	PY2CP
W0JMP	NF7D	4O3A	IZ2MHT	VE6TL
W8LIG	NK7Z	AC6BW	JA6SUY	W4AG
WB2RAJ	NO9E	BX5AA	JA7GZM	W9MAK
WB9B	OE1HHB	DF2WF	K5HK	
WB9ZNZ	UT7EC	DU1KT	K9RT	147
WT2P	W5SV	G0THF	K9UWY	AB9KZ
	YB1AYO	G4AFJ	KI7M	AI6P
157		IK5BSC	N6JOJ	F6KOP
7N3IJT	154	K2EK	N8IK	G3VQO
E20YLM	AC8TO	K4RDU	N9IO	IS0/YO3RA
EI2JD	AJ8B	KD2OV	NM4SH	JA0JPD
GM4KHE	DS5WQT	KE9S	ON6ZV	JJ0LZQ
JA0NZR	JA0GZZ	NH6L	SM0BSO	JK1OTP
JA1UBZ	JA4HXF	NM1G	VU2NXM	K0PC
JA3MHA	JA8ANQ	OH3PYY	W3KB	K3GGN
JE3OUW	JE6PJP	ON4LG	W4NE	K3GW
K0PX	JF3VEC	R9JX	WL7OU	K4NTO
KB7QFE	JH1AQN	W6RFF	ZS1C	K4TXJ

K5UZ	K1TKL	K1IG	138	ON5GF
KB9LIE	K8OS	K2JK	AC5AA	VE3FRR
KX5U	N5UE	K4RM	DL5KUT	W0ANZ
SV8RX	NJ1Q	K5VG	DL5ZB	W4EJG
W3NRJ	RN0C	K8RCT	G0FWX	W4GH
W8OM	UY2UZ	K9AAN	JA0CVC	W4IDX
W9GM	W0AIH*	KA5SYP	JA1PVX	W4PV
	WB9W	KA5VFU	JA1VRY	W7SX
		NZ6N	K2YSY	
146	143	SV2JU	K6CW	135
AE5B	AA4MM	TF5B	KC9G	AB4FH
HP3TA	AF3X	VE3FAC	KF6A	GM5YTT
JA3KWZ	EA4D	W1NA	KL7NW	HZ1GW
JE1COB	HB9AAA	W3IZ	KU9S	JA1DCK
K6NR	JA1MOD	W5GOL	N3PV	JA3MIO
K8ARY	JF2RSF	W6HDG	N9BVA	JA7MWC
K8POM	K2OO	WK9U	OD5YA	JJ1HLL
KB9AIT	K6LPO	140	PV8ABC	JL2ULM
KM8AM	K7QBO	AA4DD	TA1PB	K2WJ
N6FS	K9BQL	AD9DX	W0UHL	K3HPA
N6RK	KE4FW	EI6JK	W4DWS	K3WGR
N9MR	KG6D	EI7JZ	WA5POK	K4OP
SM3DXC	KJ2U	I4JEE		N5RN
SP9IZV	KJ4R	JG1RYQ	137	N7TW
TF4M	KN7K	JJ1OKK	DL2RD	NX8Y
WA2MUA	LB2TG	K0UBR	G3PSM	S53MJ
WA3SKQ	N2YBB	K5GZR	HL1MKT	W5IO
WW8RT	N4GBK	K6EV	JH1SBE	W7QHE
XE2B	N4UP	K7VC	K2CDJ	WB3AVD
YB1BML	N7ZA	KC3AK	K2RKJ	WB6FWS
ZS6UT	TG9AJR	LA8PDA	K4AU	WB9IWN
	W4JVN	LZ2HM	K6IRA	W05I
145	W4UFO	N0SL	K9BO	
5T5PA	W7VS	VE3NJC	KP4N	134
AA5TL	WY0V	W5VU	N7VZ	AB0RX
AC7JM		W9BS	N9NFT	AB1J
AL7TC	142	WB1ASL	NI4Y	DL4ZAB
DL1MEV	JA1PUK	WB8EKG	NU1T	EA6AZ
EA4S	JJ1UHZ	WW6G	OE3JAG	IZ8DEO
EA7LS	K2CJ	YB3MM	SM5CSS	JA6GXP
EI7GY	K3GT		SP3EPG	JR0GXA
F1OBJ	K8MRT	139	TA1AL	JR1HYA
JH1CTV	K9UO	F5VML	W2GGY	K3KY
K5FXB	KA6BIM	HB9ARK	W2NY	K7FL
KQ5M	KB1HY	HB9DTE	W4UEF	K7RAN
KS0M	LA1J	HL4CBX	W5AAJ	K7YZO
N6KK	W4MA	K0QB	W9MR	K9JDP
NS4X	YO8CRU	K0YL	WA0WOF	K9SUH
W3DQS		K9TRV	WG0G	KA9JCP
W7NP	141	KX4I	WS1F	KD2SC
WR7Q	7K3QPL	N0CKC		KF5WCP
	9H1AE	N2SG	136	KN4OK
144	EA1T	N7NF	DM5JBN	LB5GI
AD0TR	EI3ISB	R9MJ	EA5KA	N1AH
DL6DCD	HB9EXQ	ZL3TE	G0OSK	N2TC
G4FTC	IZ3XEF		IS0EBO	N5JED
GM0VIT	JR3PKO		NT5EE	N6XT
JK1NPH				

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
JH1IY
K0ARM
K5SES
K7GA
KA5IAU
KO4DKI
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
JI1DMH
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	DL7UGO	N3GS	WA8RCK	W7WES
IK0XKP	HA2EQD	N4UFP	WB5TOI	W9LU
IZ8LMA	IK6BMU	NR2D	ZS2I	WA4VJK
JA1GLE	JA1CPN	PP2FN		WW5RC
JA2HOL	JA1EYN	VE3QAA	117	115
JH1RVQ	JA1WTO	VR2ZXP	AD7L	AA9WO
JL3RNZ	JE2DOD	VU3RGB	CE3FZ	AF7WM
K0MD	JI5WDC	W1RG	F8EZE	E74A
K2JGL	K1LTJ	W2FDM	IS0BZR	HB9MZI
KI0HA	K3CWF	W5RYA	IZ7QFN	HL4RBR
KO8SCA	K9MQ	W6GJB	JA9KA	IW2FLB
LA2XNA	KK4ODQ	WT5L	JM3GXU	JA0NPQ
LX2SM	KU2A	YB0AZ	K0FF	JH8LEY
N6DVR	N3ER		K4AEH	JJ2VLY
N9RE	N5ZY	119	K9LCR	K5TU
OH3TY	NA2R	DL2VWR	KB2S	K8CR
PY2ADR	NA4MM	F5BAR	KB5CSQ	KB4CRT
SV7CUD	NY4G	HL2MHU	KO4PY	KB7V
VE3VHH	OZ6EI	JA6JYM	KP4ED	KG4URP
W2WGK	TA1L	K7LOL	KZ1X	KV7N
W4UT	UA0FDX	K8EB	N5JEY	MM1PTT
W7FI	W2ARP	LU9DO	N8AGU	N0TR
WB8TGY	W3/NH7C	N1GNB	VE7NY	N7PIB
WU7X	W3JXP	N8LCU	W3LWH	NE1RD
WX3P	W4CC	ON8PHD	W3MRL	NG0G
YB9WZJ	W4KCM	SV1BYI	W4ARK	NW6V
ZS6NK	W5UQ	SV2KF	W4PG	OE5MPL
	W7PC	VK7AP	WB9WHQ	W4OV
122	W9MB	W1ZK	YO6HOY	W5WS
AA0BH	WA7HQD	W6ZPL		WB4MM
AA5B	WB7BBQ	W8EOG	116	WJ5K
AB5YI	WQ8T	ZL2AO	6K2ILX	WS4H
DB4RG	WT3Q		AA0FT	
G0HSA	WU9D	118	EA5GXI	114
HC1HN		6K5AQY	EI4BZ	F6FHZ
JA9ALR	120	AC9GK	G8GHD	G3CWW
K0HQW	AA2T	AE1T	IZ2CSX	HC1HC
K1AJ	AC4TO	AJ6X	JA2KPW	I0BJV
K3DQB	AE5LK	DJ9KM	JT1CO	IZ0FYW
K4VAC	AI2S	IZ0RPS	K4LCP	JA1CPU
K9KJ	CT7ABD	IZ1JIZ	K8JRK	JA8EIA
KB4ET	CU2CE	JA6CMQ	K8MN	JG4OOU
KN9N	DS3DNT	JH3LCU	K9GWH	JM3XZC
N1ZZ	DS5QLJ	K9KJS	KC1RET	K2IRM
N4GRC	F5AQB	KA5JSM	KD5RBU	K3PL
N9ATD	IK8IPL	KA9JAC	N0ATQ	KB1W
UT9LC	IT9JPS	KB3KJ	N0UCR	KD2NF
W1ES	JA1DCO	KC2THY	N1GFV	KI8AE
W1HEO	JH5OTE	KD9BIE	N2ZL	N3DD
W1KKG	JJ1XVA	KG5VK	N4KEB	NA1DX
W5HMK	K9CHP	KX6C	N5EI	NG8T
W6HB	KG4OJT	LZ1XZ	OE6CLD	NK5K
WA5YOM	KJ6Y	N3HYB	RW6MBC	W0LGQ
XE2MX	KK7BR	N8KUS	SM1NJC	W0QKL
	LU3XX	VR2CC	VR2IL	W2ZK
121	N1TQP	W4AFB	VY2RU	W8LR
AB4BJ	N3DV	WA7ZXD	W1HQ	

WD0AJG	GM0SCA	AG5Z	M0MCV	W6CN
WN0L	IK4EWN	AJ6V	N4LS	W7SMW
WT9U	IS0BQE	CT7ANG	N4WD	WB5ZAM
XE1EE	JA4RED	DK4MX	N6RVI	WC4B
YB2BNN	JF3AHI	EA1BLA	NN8L	107
ZS4JAN	JH0LME	EI9HX	NW6R	AB7RW
113	K0XM	G4VWI	NX1P	BG8PA
AB1NS	K4HEB	G6MXL	NZ3M	DJ5FZ
AK0A	K4ZMV	HB9BEP	PF7M	DK2GP
DL2DCX	K8CJY	HG6IA	PV8DX	E73D
EA5DPL	K9KDS	IZ1EPM	SP7ASZ	EA2BFM
EI2FG	KH6P	JF3KOA	T88UW	EI5GSB
F5EOT	KY6AA	JH1FRW	W3ATV	IC8XIL
F8GB	N0OK	JR2PAU	W3GP	JE1CTA
G0UII	N2SO	JR4DHK	W4JDS	K2FJ
G4NAQ	N8AID	K3MSB	W5SG	K2ZD
G4YCS	NQ4A	K4KAL	W7CB	K3GO
HB9GZE	S51DV	K4RP	W7VP	K4LQ
IU8GNY	W3WN	K6DJ	108	K6DLB
JA2CPD	W4LLP	K6SLO	7M4CLF	K7UWR
JA4CSJ	W5GCX	K9TVG	AC8MR	KA4LBD
JA5SEY	WB2UFF	KF8PD	AC9DX	KB0EL
JF1AZQ	WD8LTM	KV3W	DB9CR	KF2G
JH1GNU	WF4W	N1TQ	DL1TPY	KF6XA
K1JKR	WJ1B	N3YZ	DL2AMD	KJ4FZ
K2KNB	WN1M	NZ7Q	DL2NAI	LU5OM
K4JDJ	ZL3PAH	OE6BME	DM5TI	N0MHL
K4JLD	111	TF8GX	DU1IVT	N1UZ
K4TR	AK4N	W1ZZ	E70X	NI8Z
K5WRE	EI9CN	W5JE	EA5XV	OV2B
K7BWC	F8DZY	W6TCP	G5CL	PP5VA
K7MO	G4ZWY	W7YED	IK1RKN	RM6LW
K9DUR	HB9ECS	W8PE	JA2DCN	SV3EXP
KA5OWI	JA4DLF	W8TE	JA2KGQ	TA1CQ
KB1OIQ	JA5EEU	W9GFB	JH1OVY	UX5XK
KB2TGU	JE1TNL	YB1SKR	K1FUG	V31MD
KC0V	K1RE	YO5QAW	K3XO	W1USN
LU3JVO	K2KYH	ZS5LEE	K4GHS	W5HY
M0NGN	K5NV	109	K8LBT	W8JA
N6DW	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	106
W6BBS	TA2RC	JA9IWR	LU2AH	AB6WQ
W7CD	TA7AZC	JH4GNE	N2IFA	AC7DX
WB9YJE	W7WT	J11ZS	N5FPW	AC8IL
112	WB8PKK	K0FD	N5TW	DS2GOO
3C3CA	WU4B	K4AEN	N7TP	EA3AGY
7Z1CQ	XE1ZTW	K6JAD	N9AZZ	EW4DX
G0DTX	110	KA4AHU	TF3MH	F6JSZ
G3YFE	AC0B	KB7DT	VE7VV	G0OJG
		M0AQM	W4DVG	

G0RPM	K1ETA	N1FOJ	W7UV	ZS2ACP
G3LPS	K2GW	N3PW	W8EH	
HI7SB	K5WE	N4PAJ	WA6URY	101
JA3AOP	K6GCN	N4ZR	WA8KNE	AA9D
JA3FRI	K7CMZ	N8TEM	WC9C	AB2NI
JF7NNI	K8FB	N8WXQ	YB1ALL	AB4EJ
JG1XBM	KJ8N	NA8W	ZL1IM	AB8YZ
JJ1IRS	KK4MA	OM6CI		C31MF
K6VWE	KR0P	OZ9U	102	DD8BA
KA9TOX	KZ4EX	PY2YW	4X1VF	DD9WG
KI0KN	LA9JKA	RV4LC	5H8HZ	DL3XAC
KI4NSP	LZ1JZ	VE3ZN	5W1SA	EA4UV
KM8V	N2YU	VK3MB	AC0XY	EA8TZ
KR4U	N9APK	W0VU	AD7XG	G3VDB
KT5V	N9IXD	W9GXR	DB2WD	G4GEE
M0PCB	NC1M	WB7QXU	DL4FDM	HB9PUE
N4DJT	NK7L	WX0B	G4FVZ	IK2HLM
N6UOZ	OH6IH	YB1BUL	IC8SQS	JA1KZP
N7MW	PV8RR	YO6HSU	IZ7QSS	JA5ALE
N9ZJ	TF1A	ZS6HON	JH1IHG	JA5JUG
NG4C	VU2DED		K1MDA	JK3NSD
NI7F	W1PY	103	K2DH	K0GEO
NS7K	W9JJ	AF8P	K2DW	K3AXB
PT2DF	WB8LEM	DS5JMG	K4HR	K3LA
PY2OC	WD4OHD	EA2RY	K6BLG	K5HX
UA0ABB	WK3A	EI4GNB	K6JAV	K8PGJ
VE3BHZ	WZ9B	EI9GLB	KA8HDE	K9GL
VE3NKS	YU1LD	FM4LV	KB1AWM	KB5YN
VE3XK	YV4EH	HB0RER	KO3F	KC3OPI
VU2MB	104	JA3MAT	N2CJN	KC4ZA
W0TLX	7N4OBV	JF1KIG	N2FY	KD2RUJ
W4/KL7GLL	AA2WC	J11FXS	N4IR	KE9UA
W6KF	AA6XV	JP1KHY	N8KOJ	KJ5RC
W7GB	CT3DZ	K0OOK	NA4D	KU4A
WA3IIA	EA4EJP	K1FBI	NN5O	LA3ANA
WA8Y	EI3HA	K2RNY	R9GM	M0PTZ
WV4E	F6ARS	K3PIN	S51MA	M5LRO
ZL3RIK	FM5FJ	K3TXW	SM0XG	N3CAL
105	G0DRM	K4NI	US8ZAL	N4PF
AA2F	GW0ANA	K4PWS	VK2GR	NC8I
AI1W	HA5DI	K4SAW	W1GF	NJ2X
AP2IA	HB9BMY	K6XJ	W1MRH	NZ1I
DL9GTK	JA1CC	K7HV	W4GHW	OZ5JQ
E29TGW	JA1DHY	K9WMS	W5TMC	PA3AIN
EI6GF	JA1RBY	KA7CVJ	W7FS	R2ARR
F5VIF	JH1MYJ	KP4DDY	W7HJ	RZ6MJ
G3LOJ	J14HKA	KQ6K	W7IMU	SV2BXA
HL4GHT	JQ2MPJ	M0UPL	W9GWP	SV4FFL
JA1JYS	K0BRO	N1MIE	WB4PWZ	TG9AKH
JA1SZN	K1TWF	NB3R	WB7QBS	UA4PK
JE6UWU	K2CQW	NI5G	WD6T	VA2GA
JJ2BLV	K4WW	RX3BP	WD9IOK	VK4BUI
JK1AIA	K5JUC	VE7XT	WN9A	VU2OT
JK1AKA	K7UW	W2SUB	XE1SAX	W0ZX
K0MB	K8WVA	W4CU	YB0EIN	W2FDJ
K1EO	KE4YOG	W5IP	YB9AY	W2GHD
		W7KHZ	YO6BHN	W2PD

W3RMS	K4KYN	VU2OY
W3SW	K4QS	W0PPA
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	