

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 19 Apr 2024, 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	N6AR	337 DL4MCF I4LCK JA3FYC PY4OY SP9FKQ* W2YC W3LPL W9IXX	334 DJ9ZB EA4KD JA1BK JA5AQC K2PLF* K3KO* K4XO N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A W4PK	K3UA K4XP N2LT SM6CVX SP2FAX UA4HBW W1YY W5BPT WB9Z
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA I4EAT* K5UR N2TK N4CC OH2BU OZ3PZ	336 AA6YQ G4BWP JA1WPX JA2JPA K1ST K2FF K4HGX K5NA* K5RK N3XX VE3XN W0BV W2LO	333 EA6SX F6EXV G0JHC G3XTT JA0EOK JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU WD5COV	331 DJ9HX F6DAY HB9BGV I4AVG IK8HJC JA1HGY JA2KVD K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ W9RPM WB6RSE
346 N1DG SM3EVR	340 AA1V DJ2BW* DJ9KG JA4DND JH4IFF K4UTE K9QVB* N0AT NN4T PA3FQA SP5CJQ VE3EJ	335 AG9S JA4LKB JA5AUC JH4UYB K8SIX N0XA N4KG* N5UR N5ZM OK3GU PE5T SP8AJK W0MHK WK3N		330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH
345 HA0DU OH1XX W9ZR				
344 JA2VPO OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 K3FN K4PI N4MM VA3DX W3UR	339 EA8AK IK1GPG JA1UQP N4CH N8DX SM3GSK			
342 DF3CB JR2KDN K4DY K4MQG KF2O	338 CT1EEB JA5EXW K9NU SM3NRY W1DIG W7UT			

K3WC	YO5BRZ	IZ0AEG	WI8A	JH3CUL
N4JF		JA2DPC		JI1DHY
N8JV	327	JF1WPB	321	K6AM
N9IW	DK5WL	JF7XKY	AD1C	K7NN
OE3GCU	DL2OE	K0CA	G4CCZ	KV7K
OK1MP	HB9AMO	K5KC	HB9BIN	N4DB
PY2BW	IK4BHO	N8BM	JA0GJJ	N4PQX
SP3E	JI8DGO	OE8HIK	JA2BDR	PA3EWP
YU1FW	N6JV	R3OK	JA3AZD	R5AJ
	PY2YP	SM5CZQ	JH3VNC	SV1FJA
329	SM2GQC	SM6CCO	JH4ADV	UA3AP
AA7A	SM5DJZ*	SP9DWT	JH8RZJ	W5WT
EI7BA	SP8NR	W1RM	JJ3PRT	
HB9BZA	VE3FF	W9OL	JR3OEH	318
I4MKN	W2IRT	WB4TDH	K2UO	A45XR
IK5HHA	W4UM		K2VV	AA4HP
IK6DLK	W5XX	323	N3NT	AD5A
IT9DAA		DK9KX	NK1K	DJ4AX
IV3JVJ	326	EA3GP	OE6MDF	DL6KR
JA2JW	AB4IQ	JA9APS	OE8RT	EA1YO
JA7KY	I4EWH	JF1KKV	OH2BLD	G4PWA
JE2URF	JA1SJV	JH2FXK	ON4IQ	JI2KXX
K0EU	JA7MSQ	JR3GWZ	OZ1AXG	K2TE
K4ZYU	JH1TWT	K8PT	SM6DHU	K4IQJ
LA5IIA	LU2NI	KF0QR	UT7UJ	K5DU
N5AW	N4JJ*	N5TY	W3GH*	K9IR
NJ6P	N7RT	SM4DHF	W8GC	K9YY
NO8D	RA3CQ	SM6CMU	W8OI	LA2PA
NR1R	RU3FM	SP1S		PY5EW
OZ1CTK	RZ3AM	VE2TZT	320	R3VA
SP7GAQ	SP6M	W3NO	DF2RG	RA7A
W0DJC	SV1RK		F5PAC	W3KX
	W8DCH	322	G3TXF	W4FC
328	WJ4T*	CT1BH	I2EOW	
AA1ON	YO9HP	EA5BY	IK5PWQ	317
AA5AU		G0DQS	JA3PIS	AA4V
DL7MAE	325	HB9DHK	JA4FKX	EA2IA
G4OBK	CT1APE	IK4GME	JE2LUN	IK2YCW
GM3POI	CT1IUA	JF3KON	JH1IFS	IK8YTA
IZ5EKV	EU7A	JH0INP	JR2LJO	K2RW
JA6BZI	JA2FJP	JJ2LPV	K1LD	K6YUI
JH1GZE	JA5WIZ	KU0A	K6FG	KA9CFD
JI4POR	JS2LHI	KW9A	N4II	N2BJ
K1HTV	K0DEQ	N1NK	N5XZ	SP1MGM
K4CN	K5EK	N4DW	NY0V	W6VX
K4MWB	K9EU	N4NX	SM5KNV	WX4G
K4QL	OE2LCM	N8RR	SP7VC	
K9CT	SM4EMO	ON4CD	UY5ZZ	316
KD5M	SP5DIR	R7DX	VE3EXY	DL5WW
NI0G	W6RLL	SV8CS	W6XA	GM0GAV
PY5EG	W9OP	UA3AB	W7AO	HB9HFN
R4GM		UA4CC	YV1DIG	JA2JNA
SL0ZG	324	VE1DX		JA8EAT
SP6CIK	DL5DSM	W1ECT	319	K3WA
W5FKX	EA5BM	W3LL	FK8CP	K4HB
W5ZN	I0WDX	W5CIA	JA1XEC	K8YTO
WA1JMP	I5NPH	W5TCX	JE1SYN	KQ8M

LA7HJA
N4QS
RV3LO
SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315

9H1SP
AB6QM
G3VKW
HB0CC
IK4DRR
JA8RJE
JR2BJE
JR7VHZ
KE9L
N5OK
OE3EVA
ON4AOI
ON4IZ
PY2NQ
SM3VAC
UX1UA

314

CT4NH
DM5EE
G3NDC
JA2AH
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K4UEE*
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF

313

5B4MF
AA5AT
AB3CV
AB9V

DK2NG
JA5IU
JR1BLX
JS3CTQ
K5BG
K6TA*
N8KOL
SP3CGK
W1GL
ZS6EZ

312

CT1DKS
DK1FW
EA7TV
IK2QPR
JA1SYY
JA2IVK
K1HT
N5ORT
WA2VYA
WP4U
YU3AA

311

F3SG
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JO7WXN
PY2XU
UR0MC
YB5QZ

310

I3BUI
JA1ANR
JA6VQA
JA7QVI
JR6FC
K4EM
K8FL
LA7AFA
LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG
W4BP
W8HW

309

DJ5FI
EA8AKN
HK3W

JA1EOD
K8QM
KX4R
NN4SS
NU8Z
R9TO
RU3QR
RW3RN
RX3AGD
UA4LY
VE7IG*
WB8BPU

308

DL2CHN
IK0PEA
JA1GRM
JA7IC
JA9TWN
JF8QNF
JL1RUC
JR1BAS
K0GY
K1AR
K4SO
K8OM
KN5O
KS1J
OE1WEU
R7NW
SV1CNS
VA5DX
W2QO
W9MU
WA7NB
WA8WV
WD9DZV
YS1RR

307

AC4G
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IZ8FFA
JA2XW
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JH1QAX
JJ3HGJ
K0KX
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K3RA
K9MM
KC6AWX*
NE1B
NI6T
NS6C

OZ4O
SM5JE*
W2JU
W7OM

306

DL1KUR
DL6CNG
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HA1RB
IK4PLW
JA0CRI
JA6WJL
JH1AGU
JH1NYM
K2UU
K5XI
LA7JO
R9FM
W6ENZ
W9RN
WB9CIF
WD0DAN

305

A65BR
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SM3NXS
UT2UB
W1YM
WA5VGI

304

DK5AD
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HB9DDZ
JA1XCZ
JA2ZL
JF2UPM
JN3SAC
K8AC
KC7V
N7US
N9RS
NN4R
R7FK*

UY5AA
W5XC
W7CT

303

DL5EBE
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G3LZQ
HL3IUA
IK2RPE
K5WAF
K7WP
K7ZA
K8NVR
K9RX
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
WT8C
ZS1LS

302

DJ5JH
DJ9ON
EA1N
F5CQ
IU7QBB
IW1ARB
IZ2AMW
JG3LGD
JG4AKL
LB8DC
SP2BMX
W0VX
W4QN
W5ADD
W7DO
WD4LBR

301

AA5AM
AE5E
F4BKV
HK4SAN
I2MQP*
IZ1LBG
JA0DIN
JA1IZZ
JA1LSP
JA2WYN
K4SE
KI0KB
N9AU
RN3QN

US5WE	DL4CF	RU6L	JA1KQX	287
WB5JID	DL7BA	SV3DCX	JE1LFX	9M6YBG
WE9R	E73Y		JE2EHP	AA8LL
300	HL4CJG	293	LA2QM	HB9BAT
AA8CH	IK5RUN	AA4R	LA5LJA	JA2ATE
HB9DDO	JE7JDL	CU2AP	LU3CQ	JA3EOP
HB9SLO	K2PK	DL1SMA	N9FN	JE2OVG
IZ5RVG	K8GI	EA3WD	PP1CZ	K0AZ
JA9AA	K8WK	IV3YYK	SK3PY	R9SA
K0KVR	KG7H	JA2CXF	SV3AQR	RM0F
K3XA	KT1J	JA3RQ	UN7TW	SM5ARL
K6RO	PY2VA	JA9GPG	VU2NKS	UN7JX
K8GG	296	JH7RXU	W2LK	W1VT
K8TL	AA8OY	JM1FHL	W3OA	W4YCH
K8VfV	EV1R	K4JAF	W4VIC	W7BEM
KB1JZU	K6FW	K9MK	WB9EEE	WA6F
PA3CSR	K8VC	N2LM	XE2CQ	286
W6TC	LA8PT	PY2IQ	289	4Z4DX
299	N0RB	S55DX	AJ6T	AB5A
CT1FMX	PY7DJ	W9AJ	DL9TJ	CT3HF
DM2DXA	RA3QK	WA4FFW	IW0HQE	DL2VPO
EW2A	SM6BZV	292	JA8EJO	IK0XBX
G3SVD	SV9COL	AI9L	JA9FAI	IZ8XQC
HB9RG	UA6YW	EA5AT	JE2LPC	JA1QXC
IK4ADE	W9JA	G4GIR	JG1WSC	JA5BEN
JA7BWT	295	G8DX	JH1BAM	JG0CQK
JH1SJV	AD6W	IZ3ETU	JK1EXO	K1LPS
KM4H	DL1DUO	K7ZD	K4XD	K1RO
LA3WAA	HB9TKS	N8II	K6ND	LU8EKC
N4TL	HL2IFR	R6AF	KK0M	RA0FF
SM6CUK	IW0SAF	SP5IWA	N2NL	UR5EDX
UA9FAR	K5ZK	SV2AEL	N7TY	W3GQ
VE3BW	K6SIK	W6SR	R0FA	W5VY
W5AJ	KD3CQ	WA3AFS	UN6T	W6PJ
298	SP8HKT	291	W9YSX	W8AXI
5B4AHJ	SV1GYG	G0EHO	YB1UUN	285
G5LP	W2GG	GM0AXY	YO2CMI	DL1TRK
HP2AT	W5LT	K5VIP	288	DL2SWN
JA4ITW	W6XK	K7ZV	I1EIS	EA3GHQ
JL2JVX	YO2RR	KB8VAO	JA1SVP	IZ8DFO
JR7WFC	294	KP2A	JR1DUP	JA2VMU
K8EUR	EA6NB	LA5HE	K3PA	JK1GOK
N5DG	HB9BOI	MM0EAX	K4MS	K6GXO
N8TR	HB9CEX	N2TN	K9US	K6PJ
ND0N	JA1BPA	VE3CFK	KD0Q	OE1WHC
NQ1K	JA1IOA	W3RJW	N4RWG	W8AV
OE3SGU	JA2VQF	W6YI	N6UK	WK7E
SV2DGH	JE1DXC	ZS2DL	SP9JZU	284
WB0TEV	JE1GWO	290	UA3AGW	EI9FBB
ZL1BYZ	JE8CLT	9K2OD	W1EQ	JA1WSK
ZL3JT	K5MC	AA4A	W1YIF	JA2FGL
297	KZ4V	EC3A	W2LE	JA3DY*
AC0A	N0KV	IZ4MJP	W2NO	JG3SKK
	R5DT	JA1JAT	ZS2EZ	JH3SIF

JN1BMX	GM3PPE	N5LZ	JA2TBS	JN1RQV
K0BBC	HA5VZ	UT7UV	JA6BEE	K0BJ
K0TPP	IK0HFO	UW2ZM	JH3GCN	K7UA
OE5BWN	JA2IYJ	VU2PTT	K5PS	K9JF
PY2KP	JA6TMU	W3BW	N4IG	N4QQ
SM0CCM	JH4ALY	WF2S	N8SNM	PU2POP
SM6CTQ	JR6LLN	WT4Q	OZ1ACB	VE6LB
SP3IBS	K4WNW		RW7M	W8HC
W2AY	LZ2JE	276	UR5WA	WL7E
W4FQT	PY2DS	DK3WW	W4HG	
W5ODD	SM5CZK	HB9LCW	W8RLS	269
W8BBQ	W8LGJ	IZ5BAM		IK8EPC
	WA9PIE	JA7FWR	272	IZ3ENH
283	ZS4TX	JA7LMZ	AF9H	JA1OVF
HB9CQK		N5MOA	CT1FCX	JA1VLK
JA1RTX	279	ON4CAS	CT1GFK	JE3ENP
JG3FEA	AJ9C	RX4HZ	E72A	JP1NWZ
JL1XMN	HL3GOB	SM0NJO	F5PBM	K0KT
K3WW	JA1FQI	SM5CLE	HA9PP	N4UOZ
K5DHY	JA7LGE	VE1JBC	IK5PWN	NW7E
K9NW	JA9IFF	W1ZT	JA9FPI	OM4EX
K9SM	JE8TGI	W5GO	K3FRK	SM5FWW
LA8HGA	JF2XGF	W9FR	K7EG	W1MK
LU4FPZ	K1GG		K8BL	W4MAY
N7IR	UN7LZ	275	KI4GE	YB1AR
N7RO	VE3EK	EA1AF	LA3MHA	
OE8SPW	VK3HJ	HL2WA	OE5FIN	268
RA1QD	W3JX	JA2JRG	PA0ZH	JA1NWD
S57AT		K0GD	SV1ACK	JK1TCV
W1LW	278	N2JJ	W1YRC	K1DG
W6BJH	9A4T	N7KA	W2OO	K1MAA*
	DL5CW	N8PW	W3AP	K9MBQ
282	EA8RR	PA7RA	WN6W	KD4W
GM3YOR	F2NH	W4OX	ZS1A	N2AJ
IZ0RVI	I4KDJ	W9MJ		N5JB
K5UO	IV3GOW	WO7R	271	N6TA
NT0V*	IW1QN		4X1RU	NA5DX
RD3AW	JA8LRG	274	AA8R	ON6AA
SM4CTI	K2UR	DL6JZ	I1FQH	SM5ENX
UA0BA	K3UL	EW1KP	IK2DZN	SM6BGG
W7AL	K5RT	IK0AGU	IZ8EJB	W8QZA/QRP
	KD0PO	IW0HOU	JA0DET	WA1YTW
281	VE3CRG	JH1IAQ	JE6TSP	
AD5Q	VE3DZ	K1DT	JM1HJG	267
EA5OX	W8MHW	K3PT	K3PU	4X6ZK
EI2GLB	ZL4TT	K6UM	KS3F	AA4FL
F3AT		KA8ZPE	N8LJ	JF2WGN
IZ8FDH	277	KJ6P	NK0S	JG8FWH
N2WB	EU1KY	NA5C	UA3TT	JI3CJP
N5GH	F5UJK	OE2GEN		KB1EFS
W0LS	IT9CVO	RA5BM	270	R8TX
W7ZJ	JA0PE	SV9AHZ	CT1EAV	SM5BMB
W8TN	JA3ENN	UA3ECJ	CT3MD	SM5FUG
XE1KK	JA8EOT	W0EWM*	DK8MCT	W1KSZ
	K1USA		DS1JFY	
280	K2AJY	273	EA1KY	266
EA6ET	K8UT	JA1XPQ	F9XL	7K1PTT

IZ8VYU
JH1HHC
JJ1TKN
K8AJS
K8ROX
KQ4AV
PZ5RA
RA4CA
W0FLS
WB3LHD

265

G3WPH
JA4FM
JO4CFV
K2CBI
LB2TB
N5KM
N9JV
W7MEM
WA3C
WB2BIN

264

4Z1UF
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EA1KP
F6DBX
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JA8DNV
JA8ZO
JR4LNG
KA1ERL
LA0FA
N1GC
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SV1CQN
VE6AX
W5PF

263

DK4TP
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JA7XBG
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K8FH
KN6KI
N1RR
W2OIB
W3ACO
WA4LOX
WB2GAI

262

CU3EJ
I5REA
IV3VBM
JA8BAR
JF1NZW
JG1OGM
K8AV
KF2DT
LA9FFA
ON5UE
W5ZG
W6NWS
W6RS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
ZS6NJ

261

HB9RYZ
IZ8IEV
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JH3KAI
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K7LJ
ND4X
NK4L
OH1ZK
SM7CQY
W0GG
W4UCK
ZS6WB

260

7M4AOE
AB4SF
EA8MT
EA9IE
EC1AIJ
EI8IU
FG5FR
JA1KPH
JA2FBC
JH3FUK
K8YSE
LY1G
N6MZ
N7BT
NN4X
NX0I
SK7AX
TG9NX
WA0MHJ

WA5LFD

259

4F2KWT
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DJ8NT
EW1BA
I5OYY
JA8BNP
K2UFM
K6IPM
N4JQQ
NI3P
PY5CC
SM4AZQ
W2FV
W7AH
W8KEN
WA1S

258

DK7YY
HB9IQB
JA9AGN
JH1BNC
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SA0AQT
US0YA
W1SSN
W4LSC*
ZL2IFB

257

AF4HX
BA4RF
CT1FPQ
DJ0UT
EA7SG
EB3CW
IK2PZC
IK4AUY
IK8VRH
JJ1DWT
N3VA
N6HC
OH1JP
PY2MC
RU1AB
SV1VS
W8MET
W8MJ

256

BH4QYX
EC1A
FG8OJ

IK4HPU
JA0KJE
JH1RGG
JH4GJR
JM1GHT
JM2RUV
K0TT
K5VWW
M0TTB
N9ISN
W9HBH

255

AI6Z
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JA9NLE
JE2DZC
JH4HMG
JK1OPL
K1UU
K9FN
KR4F
N1RK
VR2XMT
XE1MEX

254

BA7IO
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DL1HRN
E72U
JA3VPA
JA3WLN
JH1VUO
K3SEW
KI5BLU
N4LR
UA3O
W7Yaq
WA0RVK

253

CT1BWU
CU2DX
DS5ACV
G3UAS
HB9DHG
JA6GPR
JA6IVR
JE2RDO
K6MKF
K8DV
KE1F
N6PSE
N7XR
NF1G
UA0FO

WF4U
YB0COU

252

DL7UPN
G3KWK
G3NKC
JA1BNW
JA8UIV
JF3PNQ
JH1ACA
JH4CBM
JL1BYZ
K1ESE
KI1U
LA5YJ
NT5V
SM7IUN
W2ZI
W7CA
WS9V

251

9A4W
AA6AA
DL2RTL
F1ICS
JA5BGA
K1SM
K4VIG
K8CW
N4SC
N5UL
W1KDA
W2JLK
W4SK
W5GAI
W8JRK

250

CT1DOF
EI6FR
EI9JF
HA7TM
IK0UTM
JA8CJY
JL1MWI
JR0EQQ
KQ3F
N1SV
OZ4VW
PA0JSE
PY2FN
UN3G
W7HPW
W7IU

249 IZ4DPV IZ8GGF JA8FFM K7XB K9NR N8OC NA5Q NU1B OZ5NJ SM4OLL UN3GX W0RX W1OPD W9RC XE2D	JR3UIC N0AH N5BO NZ3O S5ZZ W6DE W9JJB YB0NFL	N2NS N3RC N6HY OM8FR SV1IW	KF7F M0CSD N4PJ N9UA W4KA WA4QMQ WA6JA WB0TVY WQ6Q	235 EU1U JA1DDZ JE1IBI K0VSH K4QE K5CWR K8ZM N2FF NW4M TA1CM W7YW WB8CQV
248 HB9DOT HL4GAV JJ1SKG N4XP OZ1LCG VE3YF W5JAY	244 EA5RD HB9BUN HL2KV JA1CZI JA4VLK K0KG K1EFI K1PL K1YR K4JJW K6EID K8RRT LA6UL N1EN OE3HWC W4REX W5PJR WA3F	241 AB5C HC1BI IS0AFM IZ8FWN JF2VAX J16IHG JP1IOF K4RG K7KB KV1E N6KZ W3ABT W5DNT W5QM W9EWZ WV6E	237 CT1BOY G0VXE IW3GJF IZ5YHD JA0LXP JH1DGQ K1RV K2NV K8YYY N4HID SM0MPV VU2CPL W2XI W8UN WA0ROI WB8B WB8ZRL XE1RBV YO3JF	234 DF7EE DK2CC HB9BYQ HB9JOE HS1NGR IK0LNN JA1EMQ JA8XQI JK1BSM K4MF KE5FXE KE8UM N4HB N4OA ND4V NV4B S51NM W3WST WA4CEM WA4JQS WA5UA
247 EA3EQT HL3DE K3VAT KM1D N6RV N7DED VE3YV W2GW W8IQ WS5W	243 CT1FUH CT3KN DS5TOS G4XRV JA2EPW JA7BEW JF1LMB K4ZO K8ME LA9VFA N1API N4QWZ NV9L SV1FJP W1BR W8OP	240 7K1CPT GU0SUP JA1DM JA2FSM JE1HRC JR1WCT KF0LA N0ABA UX5UO W0SZ W8IW	236 AA7G FG4NO HB9ZS HL2CFY JA1HOM JA1JYE JA3KNN JK1UNZ JN1NOP K1ACL KM3J KM6HB N4GN N6IE OE2BZL PA0TCA SV1HEP W0HBH W2TB W4GIW W9OO WY6N YB2TX	233 AA9GR AJ4A CU3EQ EA4DEI JA4HAW K8BN K8EAB KJ7M N2NW N9BX NE3F PY5IP SM0XBI W2NRA W6RW W6YOO WB2KSK WD8PKF ZL4AS
246 IV3KFB JA1VRU JA2QXP JA7HRM K1FEV K4KAY K6BV K9YC N2DPF N3KN W1KMA W3FI W3ICM W5ZO	242 DH2PC HL3AMO JA4ZA JH1WJR JH4ADK JR1MLU K1CA K4PB K7FEL	239 6K5YIA DJ9RR IZ1JMN IZ2FOS JA7KE K2XF K6EME N8SHZ SP6JIU WB7B		
245 AK5X JH7BKN		238 EA1JO HB9MFM JE2VLG JF0JYR JH3FHQ K9OR KA4RRU		

232	JE1VTZ	KB1DMX	JR1VAY	SP6A
DL9FCY	JK1VXE	KH6M	K6IPV	UR4IOR
EA1RT	K0HD	KK4OK	KG9Z	XE2X
JA3BXF	K3FM	KX2A	KI6CG	
JA5NPV	K4CMS	N2KX	KW4V	219
JA6CBG	KD1F	N5ET	N1NU	AG1A
JH1APK	KI4DLS	N6BM	N4ENE	F5JSD
JH6DUL	N4NW	VK4CAG	VE7TK	HL5BMX
K0DD	N1WC		W4PNY	JA6AVT
K4ST	WA1PMA	225	W7IB	K5JZ
K5FNQ		DK5RL		K9ZM
KF7PG	228	DS5DNO	222	KG6I
NY2NY	AF5CC	EU1M	AA0MZ	KI7AO
OZ1IKY	F5LIW	JA3QOS	DJ9SO	N1KC
RK4FD	GW4TSG	JH1UBK	DL5XL	N6DX
RQ3A	JF1RYU	JH8NQV	E77S	NA9RB
W2/CT1GIF	JH1ERJ	K0OK	F6ECI	W6GRV
W2YR	JH2PWY	K1JIU	IZ7AUH	WB0O
W3FOX	JR7GBL	K5YU	JA9NFO	WB4KTF
W6CYX	K5FZ	KA8SYV	JM1VRW	
W9ZCL	KS4S	MU0FAL	K2AT	218
	N6PM	N9SF	K6ZZ	DL2NOM
231	RA3QUA	SM3LGO	KJ7TEA	DL4NBE
AD5WB	W9FI	W3MR	N2SQW	DS4AOW
G3KMQ	WB8K	W5GZ	OZ7FOC	I7PXV
HL2ZN	WV4TN	W5TFW	RA4P	JF1MTV
I0JBL		W8UV	W6AER	JJ1QUV
IW7DVM	227	YO9FNP		K1NTR
JA1MZL	DL2RUM		221	K3EA
JF2WXS	G3VPW	224	E21EIC	K9JU
JH0AWC	HL2EIZ	DK3PZ	EA2AAZ	KE3D
K2SN	I0MWI	EA7QW	HI8RD	N4JT
KD6UO	IK8UHA	JA3FHL	JI1NJC	TZ4AM
NA4EA	JA0DWY	JA8NFV	JR7FRW	VU2CDP
SM7NDX	K1GE	JK1WSH	K4JC	W8CZN
W0JM	K1KA	JO1LVZ	K5DV	W9KVR
W0QQ	K5GH	K1CBK	KK9H	WA2NPD
W4UDH	N4IQ	N3RW	KU4XO	WC4H
	N6OJ	N7WO	RU0SN	
230	NF4A	OE3KLU	W4DEE	217
DK6OR	W2DXE	PE1L		AB4UF
F6HLC	W5SL	RW4CY	220	DH0GSU
G3LUW	W6DR	SM7BHH	AA6RR	JA2NNF
JI1VVB	W8GNM	SP6AXW	DL4DW	JA7ZP
KB9DAK	WA2USA	VE3SKX	EA5DFV	JG5RVQ
N0RN	WA8MCD	WN6K	EI9FVB	K2HAT
W5DM	WA9GON		K1DJ	KB5UNX
W8WVM	WC3W	223	K4EU	N6QI
W9YE	YL2KF	AC9EM	K4MIJ	OZ0J
WB2NPY		AC9O	K5MT	SV8DOU
	226	AF2C	K6MM	W0TM
229	DM2RM	EA7DUD	K7AWB	
AA3LX	HA5PT	I8MTQ	KZ9DX	216
AE0P	I0OSI	IK2RZP	NA5Z	CX2CC
AJ8MH	IK7FPV	IZ8MBW	ON4ATW	DJ3XG
IK2GAJ	K1XV	JA1IAZ	PA3BWD	EA5B
JA2OLJ	K2BA	JH1DGJ	SM0DSF	G4VMX

HB9CXZ	K2AZ	VE7BV	VK2CA	KV4AA
HB9DQV	KB6CIO	W5THT	W4GE	KW4CQ
IZ0NRG	VK3BDX	W5WP	W7NN	LB6KC
IZ1JLG	W0K CJ	W7FP	W9QO	W4GP
JA1FJJ	WB6BFG		YB0MWM	W7IV
JA2VHO		209	ZS1J	W8LMG
K3NQ	213	7J1ADJ		XE1L
K7LV	9A1AD	AH0U	206	
KK4OW	AG3V	K0VM	3A2MW	203
KR4W	DK3UA	K5ALQ	HB9CRV	F5NBX
NC4RB	DS3HWS	KB4MRX	IZ4DIW	IK2RGT
PS8ACL	IK1IYU	N0ODK	JF1IRW	IZ0BTV
W0SR	IV3FFI	N6PEQ	JH0BQX	JA7JPZ
W9MO	JA0EVI	NE6I	JN1NBU	JH8NBJ
WB3D	JA1FVS	PU1KGG	K0MN*	JJ1BMB
WS1L	JA3NHL	SM5BNK	K8NK	K0CS
	JR1EFG	W3BJ	KF9UG	K4JKB
215	K2RU	W6DCK	KK5OQ	K9OW
9H1EJ	K4JWA	W8HMK	KK9T	KA1DJ
AA7XT	K9GA	WB0ULX	N4TOL	KM7R
G4FKA	LA5SJA		N8BJQ	N3PS
HB9EFK	N8GP	208	NA2AA	N4TV
IZ0BVU	NA2M	DL8SDC	NA9Q	N6PAT
JA4CZM	VK3FM	JA1OVD	W9DX	SV1FKZ
JE1PNX	W2KA	JA1PBV	WA3WZR	WA3FRP
JE2UFF	W8WEJ	JH0NOS	WA6G	
JH0OXS		JR3VMJ		202
JH5HDA	212	K0THN	205	AA9RR
JT1BV	DJ3AS	K2PF*	CU3AN	DF3EC
K2XB*	G4ZOY	K4CGY	DL4LAM	IK5BOH/2
KF4NEF	JA1BWA	K4WES	DL6UNF	JR4LZX
KR6C	JH3GFA	K5RJ	HB9BNQ	K1NJ
KX4TT	KU4BP	KS4YT	JA4DHN	K9TF
N8NN	PY2RO	LB5WB	K3WWT	K9WX
N9AOL	SM5AOG	NW6S	K4YYL	N8WD
NH6T/W4	SP5LKJ	OH7TV	KE6V	NU1O
RN9N	W5DAW	W5FPT	N9KW	W1AW
V51B	W5GA	W6WF	OH2IS	W1DYJ
VK3NX	WK4Y*	WX2U	OH3OJ	W3NS
W0FG			UN9L	W4RDX
W0TT	211	207	W7HR	W7TUS
W1JGS	JA3LDH	9K2BM	W8BLA	W7VY
W2PP	JJ1KZZ	G8AJM	W8FIB	WE2N
W4IS	KD2T	JF1WLK	WA4MME	
W6SL	KT2C	JF2OZH	WW8W	201
W7JY*	N1BY	JH2VVH	XE1J	AA8SW
WE1P	VR2XLN	K9FZ*		GI4OWA
WE4S	WA3I	KE1VT	204	JH1IED
WV9L		KK2M	EA2AFV	K0MFI
ZL2AL	210	KV4T	HB9DVO	K4YJ
	JF6XQJ	M0IKW	JE2EBT	KK1W
214	JR2PZX	N9AKR	JH1OBS	LA9GX
EA5AR	KD4SN	OE1JIS	JJ6DGP	PY2GG
F4GVO	KD8RQE	ON4ANN	JR0QFA	RT5A
I5XFD	KE4UW	RD9M	JS6TWW	W6AEA
JN7DOS	PY2WC	SP7ICE	KB5HC	W9IL
K0QQ	S54A	TF3DC	KM9E	

200	W4DAO	WA1NXC	HL4CCM	W8RV
HB9AGO	W4HZ	WW2DX	IZ0GYP	WA5IPS
HB9IIO	WQ5R	ZS2Y	JA2ITK	WB4DNL
IZ8EKL	XE1H		JH8KFE	WZ4RC
JA0KJD		193	JI2UDK	
JA3EY	196	7L4VYK	K7UT	185
JE2KSM	AD8P*	AE4CW	K8ZT/QRP	G1VDP
K2TER	AG5W	DH3KM	KD0AA	K0KP
N1IA	CT3CD	I1YDT	N3AIU	K3PP
N4TD	G7SSE	IZ5MOQ	SM7GIB	KE5BR
N7ELL	I7LGM	JA0AXV	W9ROG	KU8X
N9PGG	I8YAV	JA1QIW	WB4GLI	N4HN
PY3VB	JA1XRA	KB2FCV	ZS1DX	UN7BK
VK6LC	JH1OGT	KM1C		VA7ZT
W5RF	N2GZ	SM5ELV		W2WG
	N3QE	W8NN	189	W6RKC
199	NA9A		HI3T	WB5NHL
AA3TH	RC2A	192	I0LYO	WC2K
AC0X	SP3F	F6FYD	IV3KCB	
AD4AA	SP5MXZ	IZ7GIT	JA1SGU	184
JH0RVY	W1MJB	JA0CIU	JG1SWM	AD6ZJ
K3SX	W6HYI	K5IB	K6JAT*	DS4GKF
K4SX	WA0WWW	K6XN	K6UXO	EA5RU
K4VNY		K9SG	KY5I	HP2NG
MU0GSY	195	KE0A	RM3DA	HP2NG
N2RR	CT1ELF	KJ4UZU	RN3CT	IK0HBN
PB9FN	IZ5FSA	KJ4YLO	SM4BZH	IK0WRB
V51YJ	JA2NDQ	N4XYZ	W6DPD	IT9ODQ
W6JZ	JA7QQQ	N9JR	XE1FAS	JH1FVE
W9RXJ	JL3OUW	UR3EO		K3JM
	K4KEW	VA2IG	188	K3NF
198	KE4S	WY1G	EA7AN	K5RKS
DJ0MCH	N3XM	YB1TQL	JA0GCI	KZ1W
IV3BSF	OH6NIO		JK1AJX	M0HIH
JR1IZM	SQ7FPH	191	JP1GUW	NW7M
K0GW	UR5FEO	AA4NC	JR0AMD	SM2EJE
KA1J	W3SB	DG5LAC	K1JD	UN7BY
KC6JAM	W6KK	DL4FAP	K2DC	UT7KF
N4FN	W9LN	HA5CW	PY2RN	W6BK
N6ZN		K1RI	WV4V	W7IUO
RA3BL	194	K8QKY		WB2HJV
W6SHY	A65BD	KO6KD	187	WB3BFC
WA2VQV	HB9ESS	N4DWK	IK8GJR	WB5STU
YL2TW	HB9VAB	N7MQ	JH7NTW	YB1RUS
YV5LI	IT9AAI	OZ7DN	W5ZE	
	JH1OCC	VR2CH	W8UQ	183
197	JH8UQJ	W5LO		JA2KSP
4X4MF	K1LT	WF1H	186	JE4CIL
BA4TB	KP3AH	WI8R	AA4LR	K3SF
EA1DLU	KR8T		G4XEE	K6LRN
IV3AVQ	NJ3K	190	JA2MNB	LU4FW
IW9DNI	NJ7G	AA4U	K5QX	NA2U
JJ2WOC	SP6Eiy	AC4VM	KC6X	YB2TS
K8SIA	W4DC	BV1EK	KK0DX	
KI4WCQ	W5UHQ	DJ9KV	N6MXU	182
NG7M	W5VQ	EC7B	N6VNI	I5FLN
W1FA	W7PAQ	G3WW	NU4B	I8LWL
			W4WN	JA7FAS

JG1JPE	N4MIK	W4LEW	WY7FD	OZ3SM
J11CQA	NY1V	W7WZ		VE1OP
K7LAZ	SP5ELW	W9WO	172	VE2YG
KG4JSZ	W0ZS	WA3GNW	EI1DG	W0OGH
KK8MM	W4CCS		G3SBP	WA4USA
KL7TC	W4TUN	175	JA7DPC	
LA5LT		AG5CN	JA7FVA	169
N8NA	178	JA0LFV	K5TA	DM3CW
N8NB	EA8AXT	JH6RTO	KC2SST	JE1PHH
ND3L	G4DDL	JO3WHB	LZ1XL	K3VAR
ON6KE	IW0BYL	KD4POJ	N2ZA	K4WY
VK5GR	JA3UNA	KF6HI	N3AO	K5CD
VU3CAU	J11WLL	LZ2ZG	NZ5O	K9OT
W6SFK	K0NV	N7NG	OH2LHE	KF9AF
WV2I	K1ZE	NC2Y	SP5ES	KI2D
WV8DX	K4GO	NS3L	WC0W	N5MT
	KR2Q	NW7US	YB4IR	RD3BD
181	KU1T	UA1OM		SM7WVZ
IZ4AIB	VU2LBW	UA9AGX	171	SV1IZY
JH1FNU	W7HUY	XE1R	AD3C	W0AIH*
KY6R	WB6AXD	YB0DJ	CT2GZE	W7IAN*
N6NU			DL5MM	W7VAS
N6VS	177	174	F9CI	WA4NUF
N8HRZ	4X6UU	AG7N	IK3GBG	
NV4A	IU0ICA	DF8FT	JM1SZY	168
SV8CKM	JA3EEM	DL5KUA	JS6QOM	A92IO
UA9AEU	JE4RAL	JK7LXU	K2MK	AA5N
VU2IBI	JF1LZQ	JR3TOE	K2TV	AG4Q
W2OR	JG3KLF	K5CR	K6ZP	EA5HM
W3ML	K0EOO	K9HQM	KB0V	EW1P
W6TK	K3OX	K9UQN	KC5LK	JH1ORA
	K8YE	KZ5DX	KP4DKE	JP1LRT
180	KF4VTT	LA6OP	KW9U	K1VI
A61BK	KP3V*	N4PYI	N8WRL	K2SY
AA4AK	NA6MG	N5QS	NA6O	K4KGG
JH1IZR	SM5CBM	VU2DCC	W0MU	KF0RQ
K0IL	VK2AAH	W5WI	WA4DOU	KM4VI
K2SD	W0IKD	WA4BIM	WA5KBH	LU8ADX
K5TN	W1AO	WB0N	WI7P	LX1CW
K8SL	W1OP	WQ5T		N4ST
NA5S	W4KVS	173	170	N6MB
VK2HV	YB1TJ	AB6CF	4X6KJ	OE1ALW
VR2XYL		AI9U	DL2JIM	PP7LL
W1LE	176	HB9FBG	EI5KO	R4FAN
W4DSM	DL6NW	HB9HVG	EI6AL	VE3YXO
W5SUM	IK0CHU	K5ZQ	JA1BON	WX0Z
	JA1ERB	K6UNE	JA1GVT	
179	JR1FHP	K7PT	JQ1YIW	167
AF6PK	K5DCW	K8JE	K1ZJA	JA3AVO
DL5MHQ	KK7YC	LA9VBA	K6JJ	JA8BOV
K1RH	KT8D	N7HN	K7CU	KB8NTY
K4WZ	N1JP	N9DR	LA2GH	KE3X
KE5TD	N2MEE	NN5E	N4VN	KH6XT
KJ6NZ	OZ9XU	NX2X	N5PA	KN7D
KZ2R	VE1VOX	OV5O	N6EM	N1ZJ
N3KV	W0PE	SM0EUI	N8VV	N7VPN
N3ME*	W4AEJ		NX4TT	PY2SEX

WA0SXV
WA5NFC
WB8BZK

166

AL7R
DL1SVA
HL4XM
JE3PCP
JJ1BDX
JR6GHN
KN4FO
KR4BD
LA7EIA
SV2CLJ
W4PGC
W8SAX
WA1ZIC
WB3JFS
YO3AIS
ZS6IR

165

AG6HE
CU3HN
IK0XIH
JE4WOK
JF1KML
JK1DDG
K2AX
K3VPZ
KG4CUY
LA2XPA
N2RJ
N3KS
N6DHZ
RA0BA
SP7QHR
VK3TC
WB2WPM
WB9PNU

164

AC4BT
CT3DL
DL7JRD
EI6IZ
IZ0GVZ
JJ1JMZ
K6CF
K6GFJ
KD8MQY
LB7ZG
N2XQM
NA2P
PT7DX
S50B

W6SIY
WA5CMI*
XE1YD

163

AA4OC
AA8KY
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DS4NPL
EA1AZ
F4CPF
HA5BSW
IU8IYE
JR6LDE
K0ABC
K0CF
K4GN
K4MV
KE1B
KW4MM
LA1CO
N0AMI
N7KDT
R3IS
SM7CZL
VA2LC
W1OK
W1XV
W8MIL
YO3DDZ
YO3IPR
YO4AUL

162

BH4IGO
DF2UA
DJ7JC
DS3EXX
EA2AGV
HS8KAY
JR4CZM
KA1API
N4BAF
WA7BNG

161

AE4M
HL3ERJ
JP7FSO
K1BZ
K2CYS
K2OP
K4AR
KD1AB
KM4A
N7QT
N9LEO

NA6XX
OK2ZDL
SM3PHM
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W5RDW
W6DOE
W9GG
YB2DX

160

AC0DQ
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F4WDL
HL1VAU
JA1ITJ
JA1UOA
JA7JM
JR1CAD
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K7LY
KC9K
KF2OG
KM4NS
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N4MEC
N5WA
N8IL
NI5F
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W9NIO*
ZS6RJ

159

EA1P
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JK1EBA
JK1JAS
K0IO
KB7AK
LA4JGA
LA8ZAA
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NE5S
OT1A
VA3NXM
W1EBM
WD5BJT
XE1MW
ZS6C*

158

9J2BS
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K3DFL
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KB2XJ
KF7NN
KJ7NO
N4XXM
W2CG
W8LIG
WB2RAJ
WT2P

157

7N3IJT
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EA3HDZ
EI2JD
JA3MHA
JM1ESG
KN7Y
KW1DX
N4MI
N6MM
NP3CW
PY1NS
W4NBS
WD8KND

156

DK8IZ
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F1RAF
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GM3WIL
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JA9RT
JH2AJY
K1ROA
KA9OKH
KC4HN
N4QM
N7GCO
N7RD
W1MR
W5JMW
WA6QGH
WB4YDL
ZL3RJ

155

DK3QM
IV3TDM
JR3ADB
K2DF
K4EZY
KL0S
KQ4EE
M0IFT
N7WS
NO9E
OE1HHB
TF3JB
UT7EC
W5SV
YB1AYO

154

AJ8B
DS5WQT
I4UUL
JA0GZZ
JA4HFX
JA8ANQ
JH1AQN
JH7WQX
JK1BIB
JL1GYZ
JR3QHQ
N7JB
NE5W
SM0BYD
SV1XV
W4CIR
W6FL
W8TM
WA9MAG
WN7J

153

HB9BEM
JA3UOQ
JA4FKO
JR7MAZ
K0COM
K0LB
K3HW
K4OY
K8ROK
K9MMS
K9YZ
KK4XL
N0VVV
N2ZZ
N7NW
N7WI
NC7B

NK7C	150	KA3GWD	145	WB9W
OH3FVP	4O3A	KL7TS	5T5PA	142
SP5NON	DK3BK	LZ1MDU	AA5TL	AK9B
W4DTA	DK3FB	N0TK	AL7TC	DL8DWL
W8VK	HB9EBM	N3ND	EA4S	JA0MRW
WB4SON	HB9MYX	N9ATF	IW1PUR	JA1PUK
152	IT9ABN	NJ6K	JH1CTV	JH6PFY
5P5Q	IT9IPQ	TF3Y	K5FXB	JJ1UHZ
AC6BW	IZ2MHT	VE6TL	K8WHA	K0SRL
BX5AA	JA6SUY	W4AG	KQ5M	K3GT
DF2WF	JA7GZM	W9MAK	KS0M	K6TAR
DU1KT	JG1GJH	XE2YWH	N6KK	KA6BIM
G4AFJ	JG3RWX	147	N8TFD	LA1J
IK5BSC	K1QN	AB9KZ	PT2ADM	NF7D
JG2LGM	K5HK	EI3CTB	W2RS*	NN9X
K2EK	K9RT	F6KOP	W7NP	RL3BZ
K4RDU	KI7M	G3VQO	WB9B	YO8CRU
KD2OV	N6JOJ	IS0/YO3RA	WR7Q	141
KE9S	N9IO	JJ0LZQ	144	7K3QPL
KW4J	ON6ZV	JK1OTP	AD0TR	9H1AE
ON4LG	VR2MY	JL6USD	DL6DCD	AB4GE
R9JX	W3KB	K0PC	G4FTC	AC9S
W6RFF	W4NE	K3GGN	GM0VIT	EI3ISB
W8FN	W8QXR	K4NTO	JL3DGI	HB9EXQ
WA6EZV	ZS1C	K5UZ	K1TKL	IZ0FUW
WA9IVH	149	KB7QFE	K4SAF	IZ3XEF
YV4DYJ	7N2JZT	KB9LIE	N5UE	JR3PKO
151	DS4DRE	N8JS	NZ0O	K1XE
AA4UC	ER0FEO	SV8RX	RN0C	K2HT
AB2E	JA7MAD	W0QC	UY2UZ	K2JK
DF11R	JS6SCC	W3NRJ	143	K9AAN
DL4KUG	K2KIB	W9GM	AA4MM	K9AQ
JA2BUR	K8SMC*	146	AF3X	KA5VFU
JH2NWP	K9EXY	AE5B	EA4D	KC1ERO
K4DET	KM2E	G3LAS*	HB9AAA	N1BCL*
K7LAY	KP4DS	HB9HHH	JA1MOD	W1NA
K9AAA	N0LGU*	HP3TA	JE3FOR	W6HDG
KE4BKL	N0STL	JA3KWZ	JH1BHW	WK8A
KE8G	NE0U	K6NR	JR7ILA	WK9U
KK4CLY	NO0B	K8ARY	K7QBO	140
LZ2XF	OZ1HPS	K8POM	K9BQL	AD9DX
N4AA*	PY8WW	KB9AIT	KE4FW	EI6JK
N7MB	RT0F	KD3HN	KG6D	EI7GY
NU4I	UA9MC	KM2O	KJ4R	EI7JZ
SM0NUE	WA1EHK	N6RK	KM4HQE	EW4C
VA3EJN	148	SM3DXC	KN7K	HB9GWJ
VA3HP	4F3BZ	VU2NXM	LB2TG	JG1RYQ
W3HER	A71AM	WA2MUA	N2YBB	K0UBR
W5WLA	J68HZ	WA3SKQ	N4UP	K6EV
W6WA	JA4GXS	WA5NOM	N7ZA	K7VC
WA9JWL	JF2AIJ	WW8RT	OH3PYY	LA8PDA
WC2C	JI3BFC	XE2B	TF4M	LZ2HM
WF8R	K5EWS	YB1BML	TG9AJR	NH6L
	K5LY	YO2DFA	W4UFO	NZ9Z*
	K8ZZU	ZS6UT	W7VS	

W3DIY	JA4DNC	HZ1GW	VU2ABS	130
W5VU	JF2RSF	JA1DCK	W1GY	AA4QE
W9BS	JF3VEC	JA3MIO	W1ITU	CT1HHP
WB1ASL	JH1SBE	JA7MWC	W3MF	DL1SWN
WB8EKG	JQ1PCX	JH1SOD	W9SE	I4JEE
YB3MM	K0KV	JJ1HLL	WB9ZNZ	IK1ZNM
	K2CDJ	JL2ULM	YB4CHP	JA2LMY
139	K2RKJ	K4OP		JH3PRR
AA4DD	K4AU	K5VG	132	JL4BSE
F5VML	K6EGF	S53MJ	AK3E	K0BX*
HB9ARK	K6IRA	TA1PB	AK6I	K2MHE
HB9DTE	K8MRT	W7QHE	I8NLC	KF5WCP
HL4CBX	KP4N	WB3AVD	IW5EIJ	KN4JX
JE3OUW	N2KI	WB6FWS	IZ0COI	N2YF
K0QB	N4KM	WB9IWN	K4BNF	N7TM
K4TXJ	N7VZ	WO5I	K4WM	NS4F
K9QJ	N9NFT		K8OS	NU4Y
K9TRV	NG9J	134	KG8OU	OZ6TL
KX4I	NU1T	AB0RX	KI7HO	RC3FL
N0CKC	PY2CP	AB1J	KK5ID	W1MO
N2SG	SM5CSS	DL4ZAB	KX5U	W6UC
N5FEE	SP3EPG	EA6AZ	M3DFW	W9CTJ
N7NF	TA1AL	IZ8DEO	N3TR	WB8RFB
R9MJ	W2GGY	JA6GXP	N4EDT	YB2IQ
WB8QZM	W2NY	JR0GXA	N4QOG	YO8PS
ZL3TE	W4UEF	K3KY	N5RN	
	W5GOL	K7FL	NN3V	129
138	W9CSX	K7YZO	OZ3SK	AD6KQ
DL5KUT	W9MR	K9SUH	SM7DXQ	AE7U
DL5ZB	WA0WOF	KA9JCP	TF5B	JA0AVS
G0FWX	WG0G	KD2SC	UW7UA	JA1PLT
HB9DVZ	WS1F	KN4OK	VU3WEW	JA2ACI
JA0CVC		LB5GI	W3KHZ	JA3WMS
JA1PVX	136	N6XT	W4MC	JH1RFM
JA1VRY	CT1ESO	NJ1Q	W5FL	JN1SUT
JJ1OKK	EA5KA	SM3WMU	WA1HXH	K5SES
K2JL	IS0EBO	VA3OKG	ZS1EL	K7ORK
K2RET	K7STO	W4UAT		KB4KBS
K2YSY	K8CQ*	W5AAJ	131	KJ2U
K3GW	K9UO	WB1DX	7L2QAD	KO4PRE
K9UWY	NT5EE		DM6MA	N8BK
KC9G	ON5GF	133	EI5GM	N9AVC
KF6A	TF3VS	7J1ABD	GM4KHE	NN2D
KU9S	VE3FRR	DL8OH	IK1UGX	PY3OG
N3PV	W0ANZ	GM1BSG	JE4KCN	SM2YIP
N9XX	W4GH	HB0WR	JK1NPH	VK5CE
OD5YA	W4PGM	HK4EB	K2WJ	W4MA
PV8ABC	W4PV	JE1COB	KA5IAU	W7TG
W0UHL	W7SX	JM1JIV	KB1HY	XE1ILI
WA5POK	W8OM	K9JDP	NM1G	
WA8LRW		KG6WIK	NN6K	128
	135	KI4TZ	OE3JAG	A71XX
137	AB4FH	LA2IR	PT2ND	DL9SAD
DL2RD	AC7JM	LA9KY	W4EJG	EA1AHA
EA7LS	AK5Q	N1BKB	W5EC	EI3IO
G3PSM	EI2HY	N1QY	W6OUL	EI5JL
HL1MKT	G0THF	OH7HM		HL2DBP

JH1AWJ	IK4TVP	EI8IQ	122	TA1L
JN4FNZ	JA5CDL	G4RGK	AA0BH	UA0FDX
K6OJ	JA5XPD	IT9YOZ	AA5B	W0DD
K7PTC	K5KDX	IZ1UKF	AB5YI	W2ARP
K9YKL	K6CW	IZ5BYJ	DB4RG	W3/NH7C
N0JR	K7PO	JG3KMT	F4GTB	W3JXP
PU4MMZ	K7YMG	JH1XFR	G0HSA	W4CC
R3BB	K8GT	JM1LPN	HC1HN	W4KCM
UR9IDX	K9QA	K0RAR	JA9ALR	W5UQ
V31CQ	KC5RR	K3SUI	JR1HYA	W7PC
W0QD	KK4CB	K6VVK	K0HQW	W9MB
W5MF	N5HC	K7HC	K0MD	WA7HQD
W6IS	N8YQX	K9ARZ	K4VAC	WB7BBQ
W8BI	NX8Y	KB8DID	KA5SYP	WQ8T
W8WV	OH3DP	KC4AA	KB4ET	WT3Q
WA4UWD	OH4KRN	KD9ZR	KN9N	WU9D
WC4V	PY2OP	KS4WA	N1ZZ	
WP4CQ	VE3TMG	N0YO	N6VH	120
WQ1H	VR2VGM	N1HO	N7UJJ	AA2T
ZS6AKU	W2KNG	N9BVA	N9ATD	AC4TO
	W8VI	NT4K	SV7CUD	AE5LK
127	W9COS	W6ELI	UT9LC	A12S
7Z1HL	XE3E	W6ND	W0JMP	CT7ABD
AG4TO		WW5L	W1ES	CU2CE
DJ5DT	125	ZL3REX	W1HEO	DS3DNT
DL9GTB	AC4XO		W1KKG	DS5QLJ
G8BCG	DM5JBN	123	W5HNC	F5AQB
HK6K	EI8GS	AE5FM	W6HB	IK8IPL
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IK2ULM	G4EHT	DS4DBF	WA9DU	JA0JPD
JA0BES	IK8PGE	G6NHU	XE2MX	JA1DCO
JE2VYM	JH8FIH	IK0XKP		JH5OTE
JG1LRE	JP1GVC	IZ8LMA	121	JJ1XVA
JH1HRJ	K5NOF	JA0PZJ	AD5MD	K9CHP
J11MNT	K8YAH*	JA1GLE	DD0VE	KC9WPS
K0ARM	KC2STA	JA2HOL	EA3NG	KD5R
K3WGR	KF9LI	JH1RVQ	HA2EQD	KJ6Y
K7LFY	KK5J	K2JGL	IK6BMU	LU3XX
K9BO	N5ZC	K6LPO	JA1CPN	N1TQP
KB8KIM	NA7RH	KD4EE	JA1EYN	N3DV
KF3N	NN6CH	KI0HA	JA1WTO	N3GS
LA2LI	SM5AFU	KM4CQG	J15WDC	N4PGL*
N0AB	VK2DAG	KO8SCA	K0YL	N4UFP
N3GTG	W0XE	LX2SM	K1EDG	N8IK
N4GBK	W4AO	N6DVR	K1LTJ	NR2D
NA1RL	W5CWQ	N8AYY	K3CWF	PP2FN
ON5EQ	W6PG	N9RE	K3HPA	VE3QAA
VE3EDY	W9EBO	NT9F	KB3IFH	VR2ZXP
VU2MSA	WA2BOT	OH3TY	KG5NP	VU3RGB
W0MF	WA4TMJ	ON6YH	KK4ODQ	W1RG
WB2KSP	WM4AA	PY2ADR	KU2A	W5RYA
	WR2G	SP9IZV	N3ER	W6GJB
126		VE3VHH	N5ZY	WT5L
CU7AJ	124	W2WGK	N7TW	YB0AZ
EI4HH	AA5H	W4UT	NA2R	ZS6NK
G3XLF	DJ3EJ	WB8TGY	NY4G	
GM7NZI	EC4KW	YB9WZJ	OZ6EI	

119	K9LCR	JA1UBZ	F8GB	W4AFB
AA4FU	KB2S	JH8LEY	G0UII	W4LLP
F5BAR	KB5CSQ	JJ2VLY	G4NAQ	WD8LTM
HL2MHU	KO4PY	JM1JZN	G4YCS	WJ1B
JA6JYM	KP4ED	K8CR	HB9GZE	WN1M
K4RM	KZ1X	K8RCT	IU8GNY	ZL3PAH
K7LOL	N8AGU	KB4CRT	JA2CPD	
K8EB	VE3FAC	KB7V	JA4CSJ	111
LU9DO	VE7NY	KG4URP	JH1GNU	EI9CN
N8LCU	W3DQS	MM1PTT	K1JKR	F8DZY
SV1BYI	W3LWH	N0TR	K2KNB	G4ZWY
SV2KF	W4ARK	N7PIB	K4JDJ	IZ0CKJ
W1ZK	W4DWS	NA4MM	K4JLD	JA4DLF
W5IO	W4PG	NE1RD	K4TR	JA5EEU
W6ZPL	WA7HR	NI4Y	KB2TGU	JE1TNL
W8EOG	WB9WHQ	NW6V	KC0V	JH3LCU
W8PAT	YO6HOY	OE5MPL	KG2U	K2KYH
ZL2AO		W3HKK	KG4OJT	K8ZEE
	116	W4BH	LU3JVO	K9JIG
118	AA0FT	W4OV	NA9L	KM5VI
6K5AQY	AB4BJ	W5WS	NS4X	KM8AM
AE1T	EA5GX1	W7FI	S52R	N0ATQ
DJ9KM	EI4BZ	WS4H	SV2DSJ	N1BZ
IZ0RPS	G8GHD		VA3AYA	NT5O
IZ1JIZ	IZ2CSX	114	VK7ZE	PT7CB
JA6CMQ	JT1CO	G3CWW	W3JM	TA2RC
JM1CMA	K2GLS	HC1HC	W6BBS	W2FDM
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KA5JSM	K8JRK	IZ8EYN		W7WT
KB3KJ	K8MN	JA1CPU	112	W8LR
KD3UY	K9GWH	JA8EIA	3C3CA	WB2UFF
KD9BIE	KB8ZUN	JE6PJP	7Z1CQ	WB8PKK
KG5VK	KC1RET	JG4OOU	DS3EXT	WU4B
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LZ1XZ	N0UCR	K3PL	G3YFE	110
N2ADE*	N1GFV	KB1W	IK4EWN	AC0B
N3HYB	N2ZL	KD2NF	IS0BQE	AF8C
N4ZY*	N4KEB	KI8AE	JA4RED	AG5Z
N8KUS	OE6CLD	N1AH	JF2OHQ	CT7ANG
VR2CC	RW6MBC	N3DD	JF3AHI	DK4MX
WA8RCK	SM1NJC	NA1DX	JH0LME	EA1BLA
WB5TOI	VK6OZ	NG8T	K0XM	EI9HX
ZS2I	VR2IL	NK5K	K4HEB	G4VWI
	VY2RU	W0QKL	K7RAN	HG6IA
117	W3IZ	W2ZK	K9KDS	IZ1EPM
AD7L	W3MRL	WD0AJG	KH6P	JF3KOA
CE3FZ	W7KKC	WN0L	KK7BR	JH1FRW
DL2VWR	W7QC*	XE1EE	KS0JD	JR2PAU
F8EZE	WA4VJK	YB2BNN	KY6AA	JR4DHK
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IZ7QFN			N8AID	K4KAL
JA6SQR	115	113	NK7Z	K4RP
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JR1KBJ	E74A	AI5EG	S51DV	K6DJ
K0FF	HL4RBR	AK0A	W1FC	K6SLO
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NG0G	E70X	N0MHL	VE3XK	WK3A
TF8GX	EA5XV	N7TP	VU2MB	WZ9B
W1ZZ	G5CL	N9AZZ	W0BM	YU1LD
W5JE	G6MXL	NC6RJ	W0LGQ	YV4EH
W6TCP	IK1RKN	NI8Z	W0TLX	
W7YED	JA2DCN	PP5VA	W1USN	104
W8TE	JE2DOD	RM6LW	W4/KL7GLL	7N4OBV
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YO5QAW	K3DQB	TA1CQ	WA3IIA	AA6XV
ZS5LEE	K3XO	UX5XK	WA8Y	CT3DZ
	K4GHS	V31MD	WS7I	EA4EJP
109	K8LBT	W5HY		EI3HA
AA4RX	KC8YG	W8JA	105	F6ARS
AC8TO	KE3ZT	WB2MKX	AA2F	FM5FJ
AF3K	KI4SFT	WM4W	AI1W	G0DRM
DL9QJ	KN4WOJ	WU1U	AJ6V	GW0ANA
F8DHE	KO4XI	ZP6CW	AP2IA	HA5DI
G0MMI	KW1X		DL2DCX	HB9BMY
JA5GOJ	LU2AH	106	DL9GTK	JA0NZR
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JI1ZS	N3YZ	AB6WQ	F5VIF	JA1DHY
K2OO	N5FPW	AC5AA	G3LOJ	JA1RBY
K6JAD	N5TW	AC7DX	HL4GHT	JI4HKA
K9JE*	NZ6N	AC8IL	JA1JYS	JQ2MPJ
KB7DT	TF3MH	DS2GOO	JA1SZN	K1TWF
M0AQM	VE7VV	EA3AGY	JE6UWU	K2CQW
M0MVCV	W4DVG	EW4DX	JH1IY	K4WW
N6RVI	W6CN	F6FHZ	JI1DMH	K5JUC
NN8L	WB1S	G0OJG	JJ2BLV	K7UW
NW6R	WB5ZAM	G0RPM	JK1AKA	K8CJY
NX1P	WC4B	G3LPS	K0MB	K8WVA
NZ3M	WF7T	HI7SB	K1EO	KE4YOG
NZ7Q		JA3AOP	K1ETA	KJ2AM
PF7M	107	JA5IBP	K2GW	N1FOJ
PV8DX	AB7RW	JF7NNI	K5NV	N2TC
SP7ASZ	BG8PA	JG1XBM	K5WE	N3PW
T88UW	DJ5FZ	JJ1IRS	K6GCN	N4LSJ
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W3GP	EA2BFM	K6VWE	K7CTV	N8TEM
W4JDS	EI5GSB	KA9TOX	K8FB	N8WXQ
W5SG	G4NBS	KI4NSP	K9DUR	NA8W
W7CB	IC8XIL	KM8V	KK4MA	OM6CI
W8MSP*	JE1CTA	KR4U	KR0P	OZ9U
W8PE	K1FUG	KT5V	LA9JKA	PA0QRB
WT9U	K2FJ	M0PCB	LZ1JZ	PY2YW
WW5RC	K2ZD	N4DJT	N0SL	RV4LC
	K3GO	N4LS	N1TQ	VK3MB
108	K4LQ	N6UOZ	N9APK	W0VU
7M4CLF	K6DLB	N7MW	N9IXD	W9GXR
AC8MR	KA4LBD	NG4C	NC1M	WB7QXU
DB9CR	KB0EL	NI7F	NK7L	WX0B
DL1TPY	KC2THY	NS7K	OH6IH	YB1BUL
DL2AMD	KF2G	PT2DF	PV8RR	YO6HSU
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103	NA4D	KB5YN	DB6VH	KJ4SKO
AF8P	NN5O	KC3OPI	DC1TK	KJ8N
DS5JMG	R9GM	KE9UA	DK1MCS	KK6MF
EA2RY	S51MA	KJ5RC	DK7GH	KL7XO
EI9GLB	SM0XG	KK6VGE	DL3ANK	KR4Q
FM4LV	US8ZAL	KU4A	DL5JH	KV8P
JF1KIG	VK2GR	LA2XNA	DS4GQR	KZ4EX
JI1FXS	VK7AP	LA3ANA	EA5PS	N0OK
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K2RNY	W5TMC	N3CAL	EI4GJB	N1UZ
K3PIN	W7HJ	N4PF	EW4A	N2YU
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K4NI	W9GWP	N9MR	G0GFC	N4GOA
K4PWS	W9LU	NC8I	G8GFF	N5CR
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KA7CVJ	WL7OU	RZ6MJ	JA2KGQ	N8URE
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KQ6K	XE1SAX	SV2BXA	JG3LDD	ND0B
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NB3R	YB9AY	TF1A	JR4VEV	NM4SH
NI5G	YO6BHN	TG9AKH	K1HC	NX6D
RX3BP	ZS2ACP	UA4PK	K1JX	OM2AGN
VE7XT		VA2GA	K1PTF	OR4K
W4CU	101	VK4BUI	K2UF	OV2B
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W8EH	C31MF	W2GHD	K3RRR	PY5VC
WA6URY	DD9WG	W2PD	K4GM	R2AB
WA8KNE	DL3XAC	W3RMS	K4QS	UR8IDX
YB1ALL	EA4UV	W3SW	K5LLA	VA2EU
ZL1IM	EA8TZ	W4PM	K5MMH	VE1JF
	F4FLF	W6OU	K5PSN	VE3KKB
102	G3VDB	WB5KSD	K5VSD	VR2PX
4X1VF	G4GEE	WD4IXD	K7VL	VU2OY
5W1SA	GM0SCA	WM5H	K9EA	W0PPA
AC0XY	HB9PUE	WU6K	KA2F	W0RMS
DB2WD	IK2HLM	WX7B	KA4H	W1HS
EA6UE	JA1KZP	YB8HZ	KA9JAC	W3BNN
HB9MZI	JA2KPW	YO2OXD	KB6IGK	W4CG
IZ7QSS	JA5ALE		KC2NJ	W4YR
JH1IHG	JA5JUG	100	KD0KZE	W5PD
K1AJ	JK3NSD	2E0XAR	KD1DT	W5YKU
K1MDA	K1RE	9M8DEN	KE1IU	W6KF
K2CJ	K3AXB	A41ZZ	KE7BMG	W6OZI
K2DH	K3LA	A71EM	KE8NOA	W9KM
K2DW	K5HX	AA7UN	KF5MDZ	W9ZT
K4HR	K5WRE	AB2NI	KF5TL	WA2ALY
KB1AWM	K7BWC	AC9DX	KF8PD	WA2VJL
N2CJN	K7GA	AD4J	KG4IYS	WA3UTC
N2FY	K8PGJ	AE4VJ	KI0G	WA3YZD
N4IR	K9GL	AK1P	KI3O	WB0RXQ
N8KOJ	K9MQ	AK4AO	KI4PG	WB2ZEX

WB4MM
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
XE2AD
YB6LAY
YE1AR
ZS6CR