

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 Dec 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 W2YC W3LPL W9IXX	K4XO N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A W4PK WD5COV	K4XP N2LT SP2FAX UA4HBW W5BPT
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC NN4T OH2BU OZ3PZ	336 AA6YQ G4BWP JA1WXP JA2JPA K1ST K2FF K4HGX K5RK N3XX PE5T VE3XN W0BV W2LO	333 EA6SX F6EXV G3XTT JA0EOK JA2KVD JA5MHD JQ3DUE JR3IIR K3UA K6YRA N4AH PY2BW PY2SP R7LV SM5CEU SM6CVX W1YY WB9Z	331 DJ9HX F6DAY HB9BGV IK8HJC JA1HGY K4MWB LZ2DF N5ZM NJ6P PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ W9RPM WB6RSE
346 N1DG SM3EVR W9ZR	340 AA1V DJ9KG JA4DND JH4IFF K4UTE N0AT PA3FQA SP5CJQ VE3EJ	335 AG9S G0JHC JA1BK JA4LKB JA5AUC JH4UYB K8SIX N0XA N5UR OK3GU SP8AJK W0MHK WK3N		330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH K3WC N4JF N8JV N9IW
345 HA0DU OH1XX				
344 JA2VPO K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 K3FN K4MQG N4MM VA3DX W3UR	339 CT1EEB EA8AK IK1GPG JA1UQP N4CH N8DX SM3GSK			
342 DF3CB JR2KDN K4DY KF2O	338 JA5EXW K9NU PY4OY SM3NRY W1DIG W7UT	334 DJ9ZB EA4KD JA5AQC		

NR1R
OE3GCU
OK1MP
SP3E
VE3FF
YO5BRZ
YU1FW

329

AA7A
EI7BA
HB9BZA
I4MKN
IK5HHA
IK6DLK
IT9DAA
IV3JVJ
JA2JW
JA7KY
JE2URF
K0EU
K1HTV
K4ZYU
KD5M
LA5IIA
N5AW
NI0G
NO8D
OZ1CTK
SP7GAQ
W0DJC
WA1JMP

328

AA1ON
AA5AU
DL7MAE
G4OBK
GM3POI
IZ5EKV
JA6BZI
JH1GZE
JI4POR
K4CN
K4QL
K9CT
PY5EG
R4GM
SL0ZG
SP6CIK
W4UM
W5FKX
W5ZN

327

AB4IQ
CT1APE

DK5WL
DL2OE
HB9AMO
IK4BHO
JH1TWT
JI8DGO
N6JV
PY2YP
SM2GQC
SM5CZQ
SP6M
SP8NR
SV1RK
W2IRT
W5XX

326

I4EWH
JA7MSQ
JF1WPB
K8PT
LU2NI
N7RT
RA3CQ
RU3FM
RZ3AM
W8DCH
YO9HP

325

CT1IUA
EU7A
IZ0AEG
JA1SJV
JA2FJP
JA5WIZ
JS2LHI
K0DEQ
K5EK
K9EU
OE2LCM
ON4IQ
SM4EMO
SP5DIR
SP9DWT
SV8CS
W1ECT
W1RM
W6RLL
W9OP

324

DK9KX
DL5DSM
EA5BM
I0WDX
I5NPH

JA2DPC
JF7XKY
JH8RZJ
K5KC
N8BM
OE8HIK
R3OK
SM6CCO
SM6CMU
W9OL
WB4TDH

323

EA3GP
JA9APS
JE1SYN
JF1KKV
JH2FXK
JR3GWZ
KF0QR
N5TY
SM4DHF
SP1S
VE2TZT
W3NO

322

CT1BH
EA5BY
G0DQS
HB9DHK
IK4GME
JF3KON
JH0INP
JJ2LPV
JR2LJO
KU0A
KW9A
N1NK
N4DW
N4NX
N8RR
ON4CD
R7DX
UA3AB
UA4CC
VE1DX
W3LL
W5CIA
W5TCX
WI8A

321

AD1C
AD5A
G4CCZ
HB9BIN

JA0GJJ
JA2BDR
JA3AZD
JE2LUN
JH1IFS
JH3VNC
JH4ADV
JI2KXK
JJ3PRT
JR3OEH
K2UO
K2VV
K6FG
N3NT
NK1K
OE6MDF
OE8RT
OH2BLD
OZ1AXG
SM6DHU
UT7UJ
W8GC
W8OI

320

DF2RG
F5PAC
G3TXF
I2EOW
IK5PWQ
JA3PIS
JA4FKX
K1LD
KV7K
N4II
N5XZ
NY0V
SM5KNV
SP7VC
UY5ZZ
VE3EXY
W6XA
W7AO
YV1DIG

319

AA4V
FK8CP
JA1XEC
JH3CUL
JI1DHY
K6AM
K7NN
N4DB
N4PQX
ON4AOI
PA3EWP

R5AJ
SV1FJA
UA3AP
W3KX
W5WT

318

A45XR
AA4HP
DJ4AX
DL6KR
EA1YO
G4PWA
K2TE
K4IQJ
K5BG
K5DU
K9IR
K9YY
KX4R
LA2PA
PY5EW
R3VA
RA7A
VE3LYC
W4FC

317

EA2IA
IK2YCW
IK8YTA
JO7WXN
K2RW
K6YUI
KA9CFD
N2BJ
N4QS
RW3RN
SP1MGM
W6VX
WX4G

316

DL5WW
GM0GAV
HB9HFN
JA2JNA
JA8EAT
K3WA
K4HB
K8YTO
KQ8M
LA7HJA
RV3LO
SP1JRF
UA3DPM
W7MO

W9ILY
YO3APJ
YO7LCB

315

9H1SP
AB6QM
DJ5FI
G3VKW
HB0CC
IK4DRR
JA2IVK
JA8RJE
JR2BJE
JR7VHZ
K8NVR
KE9L
N5DG
N5OK
OE3EVA
ON4IZ
PY2NQ
SM3VAC
UX1UA
WP4U

314

CT4NH
DM5EE
G3NDC
IZ8FFA
JA2AH
JA2ZL
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF
YU3AA

313

5B4MF
AA5AT
AB3CV
AB9V

DK2NG
HK3W
JA5IU
JR1BLX
JS3CTQ
LB8DC
N8KOL
SP3CGK
W1GL
ZS6EZ

312

CT1DKS
DK1FW
EA7TV
IK2QPR
JA1ANR
JA1SYY
JA1XCZ
K1HT
N5ORT
RU3QR
WA2VYA
WB8BPU

311

F3SG
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JR1BAS
PY2XU
SV2DGH
UR0MC
W8HW
WD0DAN
YB5QZ

310

I3BUI
JA0CRI
JA5XAE
JA6VQA
JA7QVI
JF2UPM
JR6FC
K4EM
K8FL
LA7AFA
LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG
W4BP

WA7NB
WB0TEV

309

EA8AKN
JA1EOD
K8QM
K9ZO
NE1B
NN4SS
NU8Z
R9TO
RA0FF
RX3AGD
UA4LY
W9RN
WD9DZV

308

DL2CHN
IK0PEA
IU7QBB
JA1GRM
JA7IC
JA9TWN
JF8QNF
JH1NYM
JL1RUC
K0GY
K1AR
K4SO
K8OM
KN5O
KS1J
LA7JO
OE1WEU
R7NW
SV1CNS
VA5DX
W2QO
W9MU
WA8WV
YS1RR

307

AC4G
DK2JX
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F2JD
G0BLB
HB9SLO
I5HOR
JA2XW
JA3GN
JH1QAX
JJ3HGX
K0KX

K2SHZ
K3RA
K9MM
NI6T
NS6C
OZ4O
W2JU
W6ENZ
W7OM

306

DL1KUR
DL6CNG
G0OIL
HA1RB
HB9DDZ
IK4PLW
JA6WJL
JG4AKL
JH1AGU
K2UU
K5XI
N4TL
NN4R
R9FM
WB9CIF

305

A65BR
DJ4XA
JA1VSL
JA9CWJ
JH7RXU
JR2UBS
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K6KLY
KG4W
OE3SGU
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
WA5VGI

304

DK5AD
JA1IZZ
JN3SAC
K0KVR
K8AC
K8GI
KC7V
N7US
N9RS
UY5AA
W5ADD

W5XC
W7CT
ZL3JT

303

DL5EBE
EA3GHZ
G3LZQ
HL3IUA
IK2RPE
K5WAF
K7WP
K7ZA
K9RX
K9US
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
WT8C
ZS1LS

302

DJ5JH
DJ9ON
EA1N
F5CQ
IW1ARB
IZ2AMW
JG3LGD
K9MK
K10KB
SP2BMX
SP9JZU
W0VX
W4QN
W5AJ
W7DO
WD4LBR

301

AA5AM
AE5E
F4BKV
HK4SAN
IZ1LBG
JA0DIN
JA1IOA
JA1LSP
JA2WYN
K4SE
K6RO
N9AU
NQ1K
RN3QN

US5WE	JE7JDL	CU2AP	JE1LFX	HB9BAT
WB5JID	JE8CLT	DL1HRN	JE2EHP	JA1WSK
WE9R	K6ND	DL1SMA	LA2QM	JA2ATE
300	K8WK	EA3WD	LA5LJA	JA3EOP
AA8CH	KG7H	IV3YYK	LU3CQ	JE2DZC
EA1AF	KT1J	JA2CXF	N9FN	JE2OVG
HB9DDO	296	JA3RQ	PP1CZ	K0AZ
IK4ADE	AA8OY	JA9GPG	SK3PY	N7IR
IZ5RVG	EV1R	JM1FHL	SV3AQR	N7RO
JA9AA	JA1SVP	K4JAF	UN7TW	R9SA
K3XA	JA2VQF	KB8VAO	VU2NKS	RM0F
K8GG	K6FW	N2LM	W2LK	S57AT
K8TL	K8VC	PY2IQ	W3OA	SM5ARL
K8VJV	LA8PT	S55DX	W4VIC	UN7JX
KB1JZU	N0RB	W9AJ	W5VY	W1VT
PA3CSR	N0RB	WA4FFW	WB9EEE	W4YCH
W6TC	PY7DJ	292	XE2CQ	W7BEM
299	RA3QK	AI9L	289	WA6F
CT1FMX	SM6BZV	DL5CW	AJ6T	286
DM2DXA	SV9COL	EA5AT	DL9TJ	AB5A
EW2A	UA6YW	G4GIR	IW0HQE	CT3HF
G3SVD	W3RJW	G8DX	JA8EJO	DL2VPO
HB9RG	W9JA	HB9TKS	JA9FAI	EA6ET
HL2IFR	295	IZ3ETU	JE2LPC	IK0XBX
JA7BWT	AD6W	JA1JAT	JG0CQK	IZ8XQC
JE1DXC	DL1DUO	K7ZD	JG1WSC	JA1QXC
JH1SJV	IW0SAF	LU4FPZ	K4MS	JA5BEN
K6SIK	JN1RQV	N8II	K4XD	JA7LGE
KM4H	K5ZK	R6AF	KK0M	JF2WGN
LA3WAA	KD3CQ	SP5IWA	N2NL	K0BBC
SM6CUK	SP8HKT	SV2AEL	N7TY	K1GG
UA9FAR	SV1GYG	W6SR	R0FA	K1LPS
VE3BW	W2GG	WA3AFS	RA1QD	K1RO
298	W5LT	291	UN6T	LU8EKC
5B4AHJ	W6XK	G0EHO	VE3EK	N8SNM
AC0A	YO2RR	GM0AXY	W9YSX	UR5EDX
G5LP	294	JH1BAM	YB1UUN	W3GQ
HP2AT	EA6NB	K3PA	YO2CMI	W6PJ
JA4ITW	HA9PP	K5VIP	288	W8AV
JL2JVX	HB9BOI	KP2A	4Z4DX	W8AXI
JR7WFC	HB9CEX	LA5HE	I1EIS	285
K2PK	JA1BPA	MM0EAX	JR1DUP	4X6ZK
K8EUR	JE1GWO	N2TN	KD0Q	AJ9C
N8TR	JK1EXO	N4RWG	N6UK	CU2DX
ND0N	K5MC	VE3CFK	PY2KP	DL1TRK
PY2VA	K7ZV	W6YI	UA3AGW	DL2SWN
ZL1BYZ	KZ4V	ZS2DL	W1EQ	EA3GHQ
297	N0KV	290	W1YIF	HL3GOB
DL4CF	OE5BWN	9K2OD	W2LE	IW1QN
DL7BA	R5DT	AA4A	W2NO	IZ0RVI
E73Y	RU6L	EC3A	ZS2EZ	IZ8DFO
HL4CJG	SV3DCX	I4KDJ	287	JA2FGL
IK5RUN	293	IZ4MJP	9M6YBG	JA2VMU
	AA4R	JA1KQX	AA8LL	JK1GOK
				K0TPP

K6G XO
K6PJ
K9SM
OE1WHC
WK7E

284

EI9FBB
IT9CVO
JG3SKK
JH3SIF
JN1BMX
SM0CCM
SM6CTQ
SP3IBS
W2AY
W4FQT
W5ODD
W8BBQ

283

HB9CQK
JA1RTX
JA1XPQ
JA9FPI
JG3FEA
JL1XMN
K3FRK
K3WW
K5DHY
K9NW
LA8HGA
OE8SPW
W1LW
W6BJH

282

GM3YOR
JA1FQI
K5UO
LZ2JE
RD3AW
SM4CTI
UA0BA
W7AL

281

AD5Q
EA5OX
EI2GLB
F3AT
IZ8FDH
K3UL
N2WB
N5GH
W0LS
W7ZJ

W8TN
XE1KK

280

GM3PPE
HA5VZ
IK0HFO
JA2IYJ
JA6TMU
JF1NZW
JH1BNC
JH4ALY
JR6LLN
K1USA
K4WNW
PY2DS
SM5CZK
UT7UV
W8LGJ
WA9PIE
ZS4TX

279

JA0PE
JA9IFF
JE8TGI
JF2XGF
UN7LZ
VE3DZ
VK3HJ
W3JX
WN6W

278

9A4T
EA8RR
EI9JF
F2NH
IV3GOW
JA8LRG
K0GD
K2UR
K5RT
KD0PO
SM0NJO
VE3CRG
W8MHW
W9FR
ZL4TT

277

EU1KY
F5UJK
JA3ENN
JA8EOT
K2AJY
K8UT

N5LZ
UW2ZM
VU2PTT
W3BW
W9MJ
WF2S
WT4Q

276

DK3WW
HB9LCW
IZ3ENH
IZ5BAM
JA7FWR
JA7LMZ
JA9NLE
N5MOA
ON4CAS
RX4HZ
SM5CLE
VE1JBC
W1ZT
W2OIB
W5GO
W8RLS

275

HL2WA
JA2JRG
K1DT
N2JJ
N7KA
N8PW
PA7RA
W4OX
WO7R

274

DL6JZ
EW1KP
IK0AGU
IW0HOU
JH1IAQ
K3PT
K6UM
KA8ZPE
KJ6P
KS3F
NA5C
OE2GEN
RA5BM
SV9AHZ
UA3ECJ

273

CT1FCX
JA2TBS

JA6BEE
JH3GCN
K5PS
N4IG
NK0S
OZ1ACB
RW7M
UR5WA
W1OPD
W4HG

272

AF9H
CT1GFK
E72A
F5PBM
HK1MW
IK5PWN
JH0BQX
JH7BKN
K1DG
K7EG
K8BL
KI4GE
LA3MHA
OE5FIN
PA0ZH
SV1ACK
W1YRC
W2OO
W3AP
ZS1A

271

4X1RU
AA8R
I1FQH
IK2DZN
IZ8EJB
JA0DET
JE6TSP
JM1HJG
K3PU
N6TA
N8LJ
UA3TT
WA3C

270

CT1EAV
CT3MD
DK8MCT
DS1JFY
EA1KY
F9XL
JA3XNH
JA8DNV

K0BJ
K7UA
K9JF
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269

IK8EPC
JA1OVF
JA1VLK
JE3ENP
JP1NWZ
K0KT
K9MBQ
N4UOZ
NW7E
OM4EX
PE1L
SM5FWW
W1MK
W3ACO
W4MAY
YB1AR

268

CT1FPQ
JA1NWD
JA2XCR
JK1TCV
KA1ERL
KB1EFS
KD4W
N2AJ
N5JB
NA5DX
OH1ZK
ON6AA
SM5ENX
SM6BGG
W8QZA/QRP
WA1YTW

267

AA4FL
JA2QXP
JG8FWH
JI3CJP
JJ1TKN
ND4X
OH4UI
R8TX
SM5BMB
SM5FUG
W1KSZ

W2FV	KN6KI	K8YSE	256	K6MKF
WB2BIN	N1RR	LY1G	BH4QYX	K8DV
266	W6RS	N6MZ	EC1A	KE1F
7K1PTT	WA4LOX	NN4X	FG8OJ	N7XR
IZ8VYU	ZS6NJ	SK7AX	IK4HPU	NF1G
JH1HHC	262	SV1FJP	JA0KJE	NT5V
K8AJS	CT1BWU	TG9NX	JA6GPR	UA0FO
K8ROX	CU3EJ	W8KEN	JF2VAX	VE3YF
KQ4AV	I5REA	WA5LFD	JH1RGG	W2XI
N4JQQ	IV3VBM	259	JH4GJR	WF4U
PZ5RA	JA8BAR	4F2KWT	JM1GHT	YB0COU
RA4CA	JG1OGM	DJ8NT	JM2RUV	252
W0FLS	K8AV	EW1BA	K0TT	DL7UPN
WB2GAI	KF2DT	I5OYY	K1UU	F1ICS
WB3LHD	LA9FFA	JA8BNP	K4JJW	G3KWK
265	LA9VFA	K2UFM	M0TTB	G3NKC
G3WPH	ON5UE	K5VWW	N9ISN	JA1BNW
JA4FM	W0GG	K9FN	W1KDA	JA8UIV
JH4HMG	W5ZG	NI3P	255	JF3PNQ
JO4CFV	W6NWS	OH1JP	AI6Z	JH1ACA
K2CBI	W7LGG	PY5CC	EA5RD	JH4CBM
LB2TB	W7QDM	W7AH	IV3TMM	JL1BYZ
N5KM	W9PZT	W9HBH	JA1VRU	K6BV
N9JV	WA3GFM	WA1S	JK1OPL	LA5YJ
W7MEM	WB8ART	258	K7XB	N6RV
264	YB2DX	DK7YY	KR4F	W2ZI
4Z1UF	261	JA9AGN	N1RK	W7CA
DF2GH	HB9IQB	KH2L	N8OC	251
EA1KP	IZ8IEV	N3VA	VR2XMT	9A4W
F6DBX	JH3KAI	SA0AQT	WS9V	AA6AA
JA8ZO	K2FW	US0YA	XE1MEX	DL2RTL
JR4LNG	K7LJ	W1SSN	254	JA5BGA
LA0FA	N3RC	W9EWZ	BA7IO	K1SM
N1GC	N7BT	WA0RVK	CT1BWW	K4VIG
PA7TWO	NK4L	ZL2IFB	E72U	K8CW
SV1CQN	NX0I	257	EA3EQT	LA6UL
VE6AX	OM8FR	AF4HX	IZ4DPV	N4SC
W5PF	SM4AZQ	BA4RF	JA3VPA	N5UL
WA0MHJ	SM7CQY	DJ0UT	JF2WXS	SP6JIU
263	W4UCK	EA7SG	JH1VUO	W2JLK
AB4SF	ZS6WB	EB3CW	K3SEW	W3FI
DK4TP	260	IK2PZC	KI1U	W4SK
EA3CJ	7M4AOE	IK4AUY	KI5BLU	W5GAI
EA4DL	AA9A	IK8VRH	N4LR	W6DE
HA7UW	EA8MT	JJ1DWT	UA3O	W8JRK
HB9RYZ	EA9IE	N6HC	W7Yaq	250
HL4GAV	EC1AIJ	N6PSE	253	CT1DOF
JA7XBG	EI8IU	PY2MC	DS5ACV	EI6FR
JR8AMF	FG5FR	RU1AB	G3UAS	HA7TM
K1KO	JA1KPH	SM7IUN	HB9DHG	IK0UTM
K2KA	JA2FBC	SV1VS	JA4VLK	JA8CJY
K6IPM	JA3WLN	W8MET	JA6IVR	JL1MWI
K8FH	JH3FUK	W8MJ	JA8XQI	JR0EQQ
	K1ESE		JE2RDO	K4KAY

KQ3F	WV6E	K1CA	WB7B	N6IE
N1SV		K4PB		OE2BZL
OZ4VW	245	K7FEL	238	OZ7FOC
PA0JSE	AJ8MH	N2NS	EA1JO	PA0TCA
PY2FN	JA3QOS	N4HB	HB9MFM	SV1HEP
UN3G	N0AH	N6HY	JE1PNX	W0HBH
W7HPW	N5BO	N6KZ	JE2VLG	W2YR
W7IU	NZ3O	SV1IW	JF0JYR	W4GIW
	S5ZZ	VK3BDX	JH3FHQ	W6DR
249	W5DM		K9OR	W6RW
IZ8GGF	W9JJB	241	KA4RRU	W9OO
JA8FFM	YB0NFL	AB5C	M0CSD	WA1PMA
JR3UIC		AF5CC	N4PJ	WY6N
K9NR	244	HC1BI	N5ZC	YB2TX
NA5Q	HB9BUN	IS0AFM	N9UA	
NU1B	HL2KV	IZ8FWN	W2TB	235
OZ5NJ	JA1CZI	JF6XQJ	W4KA	EU1U
SM4OLL	Ji6IHG	JP1IOF	WA4QMQ	JE1IBI
UN3GX	K0KG	K4RG	WB0TVY	JH2VVH
W0RX	K1EFI	K7KB	WB8CQV	K0VSH
W2GW	K1PL	KV1E	WV9L	K4QE
W9RC	K1YR	W3ABT		K5CWR
XE2D	K6EID	W5DNT	237	K8ZM
	K8RRT	W5QM	CT1BOY	N2FF
248	N0RN		G0VXE	N4IQ
AK5X	N1EN	240	HB9JOE	NW4M
HB9DOT	OE3HWC	7K1CPT	IW3GJF	TA1CM
JJ1SKG	SP6A	DH2PC	IZ5YHD	W4PNY
N4XP	W4REX	GU0SUP	JA0LXP	W7YW
OZ1LCG	W5PJR	JA1DM	JH1DGQ	W9FI
W5JAY	WA3F	JA2FSM	K0DD	
		JR1WCT	K1RV	234
247	243	KF0LA	K2NV	DF7EE
HL3DE	CT1FUH	KF7F	N4HID	DK2CC
JA1DDZ	CT3KN	N0ABA	SM0MPV	HB9BYQ
K3VAT	DS5TOS	S51NM	VU2CPL	HS1NGR
K6EME	G4XRV	UX5UO	W8UN	IK0LNN
KM1D	JA2EPW	W0SZ	WA0ROI	JA1EMQ
N7DED	JA7BEW	W8IW	WB8B	JA3BXF
VE3YV	JE1HRC	W8WEJ	WB8ZRL	JK1BSM
W8IQ	JF1LMB	WA4CEM	YO3JF	JR1VAY
WS5W	K4ZO	XE1RBV		K4MF
	K8ME		236	KE5FXE
246	N1API	239	HB9ZS	KE8UM
FG4NO	N4QWZ	6K5YIA	HL2CFY	N4OA
IV3KFB	NV9L	AA7G	I0JBL	ND4V
JA7HRM	W1BR	DJ9RR	JA1HOM	NV4B
K1FEV	W8OP	DL9FCY	JA1JYE	W3WST
K2SN		IZ1JMN	JA3KNN	WA4JQS
K9YC	242	IZ2FOS	JH1DGJ	WA5UA
N2DPF	HL3AMO	JA4HAW	JK1UNZ	
N3KN	JA4ZA	JA6CBG	JN1NOP	233
W0JM	JH1WJR	JA7KE	JR7GBL	AA9GR
W1KMA	JH4ADK	K2XF	K1ACL	AJ4A
W3ICM	JJ2WOC	K8YYY	KM3J	CU3EQ
W5ZO	JK1VXE	N8SHZ	KM6HB	DH0GSU
WQ6Q	JR1MLU	WA6JA	N4GN	EA4DEI

JH1SOD	K1KA	WA9GON	223	JA6AVT
K8BN	K1XV	YL2KF	AB4UF	K1DJ
K8EAB	KB9DAK		AC9O	K4EU
KJ7M	W8WVM	226	AF2C	K4MIJ
N2NW	W9YE	DM2RM	E21EIC	K5MT
N9BX	WB2NPY	HA5PT	EA7DUD	K6MM
NE3F		I0OSI	I8MTQ	K7AWB
PY5IP	229	IK7FPV	IK2RZP	KB5UNX
SM0XBI	AA3LX	JA1PBV	IZ8MBW	KV4T
W2NRA	AE0P	K2BA	K6IPV	KZ9DX
W6YOO	G4FKA	KH6M	KG9Z	NA5Z
WA8MCD	IK2GAJ	KK4OK	KI6CG	ON4ATW
WB2KSK	JA2OLJ	KX2A	KW4V	PA3BWD
WD8PKF	JE1VTZ	N2KX	N1NU	SM0DSF
WE4S	K0HD	N5ET	N2SQW	UR4IOR
WV4TN	K3FM	N6BM	N4ENE	XE2X
ZL4AS	K4CMS	N9AOL	W7IB	
	KD1F	VE7TK		219
232	KI4DLS	VK4CAG	222	F5JSD
AC9EM	KS4S		AA0MZ	HB9BNQ
EA1RT	N4NW	225	AH0U	HL5BMX
JH1APK	W1WC	DK5RL	DJ9SO	JA1FJJ
JH6DUL		DS5DNO	DL5XL	K3EA
K4ST	228	EU1M	E77S	K5JZ
K5FNQ	F5LIW	JA1IAZ	EA5B	K9JU
KF7PG	GW4TSG	JA3FHL	F6ECI	K9ZM
NY2NY	JF1RYU	JH8NQV	HB9EFK	KD2T
OZ1IKY	JH1ERJ	K0OK	HI8RD	KG6I
RK4FD	JH2PWY	K1JIU	IZ7AUH	KI7AO
RQ3A	JH3GFA	K5YU	JA9NFO	KR6C
W2/CT1GIF	K4JC	KA8SYV	JH0OXS	N1KC
W3FOX	K5FZ	MU0FAL	JM1VRW	N6DX
W6CYX	KB1DMX	N9SF	K2AT	NA9RB
W9ZCL	KE4UW	SM3LGO	K2HAT	W6GRV
	N6PM	W3MR	K6ZZ	WA3I
231	NH6T/W4	W5GZ	KJ7TEA	WB4KTF
AD5WB	RA3QUA	W5TFW	KK9H	
DK6OR	W2DXE	W8CZN	KS4YT	218
G3KMQ	W8GNM	W8UV	RA4P	DL2NOM
HL2ZN	WB8K	YO9FNP	WB6AER	DL4NBE
IW7DVM	WC3W			DS4AOW
JA1MZL		224	221	I7PXV
JH0AWC	227	DK3PZ	AG1A	JF1MTV
JH1UBK	DL2RUM	EA7QW	EA2AAZ	K1NTR
JJ1QUV	G3VPW	JA8NFV	JI1NJC	KE3D
KD6UO	HL2EIZ	JO1LVZ	JR7FRW	N4JT
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OH7TV	IK8UHA	N3RW	KU4XO	VU2CDP
SM7NDX	JA0DWY	N7WO	RU0SN	W9KVR
W0QQ	JK1SQI	OE3KLU	W4DEE	WA2NPD
W4UDH	JK1WSH	RW4CY		WC4H
	K1GE	SM7BHH	220	WX2U
230	K5GH	SP6AXW	AA6RR	
F6HLC	N6OJ	V51B	DL4DW	217
G3LUW	NF4A	VE3SKX	EA5DFV	IK0CHU
JA5NPV	W5SL	WB0O	EI9FVB	JA2NNF
J11VVB	WA2USA	WN6K	IK1IYU	JA7ZP

JG5RVQ	214	VR2XLN	OE1JIS	W7IV
K4KGG	DJ3AS	W5THT	ON4ANN	XE1L
N6QI	EA5AR		RD9M	ZS2Y
NA2AA	F4GVO	210	SP7ICE	
OZ0J	I5XFD	JA1OVD	TF3DC	203
SV8DOU	JN7DOS	JR2PZX	VK2CA	DF3EC
VE7BV	K0QQ	K0NV	W1MJB	F5NBX
W0TM	K2AZ	KD4SN	W4GE	IK2RGT
W8FIB	KB6CIO	KD8RQE	W7NN	IZ0BTV
	W0KCI	KF9UG	W9QO	JA7JPZ
	WB6BFG	PY2WC	YB0MWM	JH8NBJ
216		S54A		K0CS
CX2CC	213	W5WP	206	K4JKB
DJ3XG	9A1AD	W7FP	3A2MW	K9OW
G4VMX	AG3V	YB0DJ	HB9CRV	K9TF
HB9CXZ	DK3UA		IW9DNI	KA1DJ
HB9DQV	DS3HWS	209	IZ4DIW	KM7R
IZ0NRG	IV3FFI	7J1ADJ	JF1IRW	N3PS
IZ1JLG	JA0EVI	K0VM	JN1NBU	N4TV
JA2VHO	JA1FVS	KB4MRX	K8NK	N6PAT
JH7WQX	JA3NHL	N0ODK	KK5OQ	SV1FKZ
K2TER	JJ1BMB	N6PEQ	KK9T	W1DYJ
K3NQ	JR1EFG	NE6I	KO6KD	W5RF
K7LV	K2RU	OH2IS	KW4CQ	WA3FRP
KK4OW	K4JWA	PU1KGG	N8BJQ	
KR4W	K5ALQ	SM5BNK	NA9Q	202
NC4RB	K9GA	W6DCK	W9DX	AA9RR
NJ7G	LA5SJA	W8BLA	WA3WZR	IK5BOH/2
PS8ACL	N4TOL	W8HMK	WB0N	JR4LZX
W0SR	N8GP	WB0ULX		K9WX
W9MO	NA2M		205	N6ZN
WB3D	VK3FM	208	AC9S	N8WD
WS1L	W2KA	DL8SDC	CU3AN	NU1O
	W3BJ	JH0NOS	DL4LAM	W1AW
215	W5GA	JR3VMJ	DL6UNF	W3NS
9H1EJ	W7HR	K0THN	GM0VRP	W4RDX
AA7XT		K4CGY	IK0WRB	W7TUS
IZ0BVU	212	K4WES	JA4DHN	W7VY
JA4CZM	G4ZOY	K5RJ	K3WWT	WE2N
JE2UFF	JA1BWA	LB5WB	K4YYL	
JH5HDA	JE2EBT	NW6S	KV4AA	201
JT1BV	KU4BP	W4WN	N9KW	AA8SW
KE6V	PY2RO	W5FPT	OH3OJ	GI4OWA
KF4NEF	SM5AOG	W6WF	UN9L	IZ0GYP
KX4TT	SP5LKJ	W8LMG	WA4MME	JH1IED
N8NN	W5DAW	WA6G	XE1J	K0MFI
RN9N		ZS1J		K3SX
VK3NX	211		204	KK1W
W0FG	JA3LDH	207	EA2AFV	LA9GX
W0TT	JE2KSM	9K2BM	HB9DVO	PY2GG
W1JGS	JJ1KZZ	G8AJM	JH1OBS	RT5A
W2PP	K1NJ	JF1WLK	JJ6DGP	W1OP
W4IS	K4YJ	JF2OZH	JR0QFA	W6AEA
W6SL	KT2C	KE1VT	JS6TWW	W9IL
WE1P	LB6KC	KK2M	KB5HC	
WW8W	LU6ETB	M0IKW	KM9E	200
ZL2AL	N1BY	N9AKR	W4GP	HB9AGO

HB9IIO	W1FA	WA1NXC	HL4CCM	N6MXU
IZ8EKL	W4DAO	WW2DX	JA2ITK	N6VNI
JA0KJD	W4HZ		JH8KFE	NU4B
JA3EY	WC2K	193	JI2UDK	W8RV
KC6JAM	WQ5R	7L4VYK	K7UT	WA5IPS
N1IA	XE1H	AE4CW	K8ZT/QRP	WB4DNL
N4TD		DH3KM	KD0AA	WZ4RC
N7ELL	196	IZ5MOQ	N3AIU	
N9PGG	AG5W	JA0AXV	W2OR	185
PY3VB	CT3CD	JA1QIW	W9ROG	K0KP
SM7GIB	G7SSE	JG1JPE	WB4GLI	K3PP
VK6LC	I7LGM	K1ZJA	ZS1DX	KE5BR
	I8YAV	KB2FCV		KQ4EE
199	JA1XRA	KM1C	189	N4HN
AA3TH	JA2NDQ	KZ1W	HI3T	UN7BK
AC0X	JH1OGT	SM5ELV	I0LYO	VA7ZT
AD4AA	N2GZ	W8NN	IV3KCB	VK2HV
JH0RVY	N3QE		JA1SGU	W2WG
K4SX	NA9A	192	JG1SWM	W6RKC
K4VNY	RC2A	F6FYD	K6UXO	
MU0GSY	SP3F	IZ7GIT	KY5I	184
N2RR	SP5MXZ	JA7MAD	RM3DA	AD6ZJ
PB9FN	W6HYI	JH1FVE	RN3CT	DS4GKF
V51YJ	WA0WWW	K5IB	SM4BZH	EA5RU
W6JZ	WB5NHL	K6XN	W6DPD	HP2NG
W9LN		KE0A	XE1FAS	IK0HBN
W9RXJ	195	KJ4UZU		K3JM
	CT1ELF	KJ4YLO	188	K3NF
198	IZ5FSA	N4XYZ	EA7AN	M0HIH
DJ0MCH	JA7QQQ	UR3EO	G1VDP	N2MEE
I1YDT	JL3OUW	VA2IG	JA0GCI	NW7M
IV3BSF	K4KEW	WA9BZW	JH7NTW	SM2EJE
JR1IZM	KE4S	YB1TQL	JK1AJX	UN7BY
K0GW	N3XM		JP1GUW	UT7KF
KA1J	N9JR	191	JR0AMD	W6BK
N4FN	OH6NIO	AA4NC	K1JD	W7IUO
RA3BL	SQ7FPH	DG5LAC	K2DC	WB2HJV
VK6OZ	UR5FEO	DL4FAP	PY2RN	WB3BFC
W6SHY	W3SB	HA5CW	WV4V	WB5STU
WA2VQV	W6KK	K1RI		WV2I
WY1G	194	K8QKY	187	YB1RUS
YL2TW	A65BD	N4DWK	IK8GJR	
YV5LI	HB9ESS	N7MQ	JA2MNB	183
	HB9VAB	OZ7DN	N6NU	JA2KSP
197	IT9ODQ	VR2CH	SV8CKM	JE4CIL
4X4MF	JH1OCC	W1LE	W5ZE	K3SF
BA4TB	JH8UQJ	W5LO	W8UQ	K6LRN
EA1DLU	K1LT	WF1H		KC2SST
IT9AAI	KP3AH	WI8R	186	LU4FW
IV3AVQ	KR8T		AA4LR	NA2U
JA0CIU	NJ3K	190	DF2UA	NY1V
K6TAR	SP6Eiy	AA4U	G4XEE	W3ML
K8SIA	W4DC	AC4VM	I4UUL	YB2TS
K9SG	W5UHQ	BV1EK	K5QX	
KI4WCQ	W5VQ	DJ9KV	K5RKS	182
KU8X	W7PAQ	EC7B	KC6X	I5FLN
NG7M		G3WW	KK0DX	I8LWL

JA7FAS	KJ6NZ	VE1VOX	K7PT	NK7C
JJ1CQA	KZ2R	W0BM	K8JE	NX4TT
K7LAZ	N3KV	W4AEJ	LA9VBA	OZ3SM
KG4JSZ	NC2Y	W4LEW	N7HN	VE1OP
KK8MM	SP5ELW	W7WZ	N9DR	VE2YG
KL7TC	W0ZS	W9WO	NX2X	W0OGH
LA5LT	W4CCS	WA3GNW	OV5O	WA4USA
N2ZA	W4TUN	WF8R	SM0EUI	
N8NA			WY7FD	169
N8NB	178	175		DM3CW
ND3L	EA8AXT	AG5CN	172	JA3AVO
ON6KE	G4DDL	JA0LFV	EI1DG	JE1PHH
VK5GR	IW0BYL	JA6SQR	G3SBP	JE3PCP
VU3CAU	JA3UNA	JH6RTO	JA1BON	JJ1BDX
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WV8DX	K1ZE	KD4POJ	LZ1XL	K9OT
	K3VAR	KF2OG	N3AO	KF9AF
181	K4GO	KF6HI	SP5ES	KI2D
EA5HM	KM4VI	LZ2ZG	YB4IR	N5MT
IZ4AIB	KR2Q	N7NG		PP7LL
JA7DPC	KU1T	N7VPN	171	RD3BD
JA7FVA	N6DHZ	NN5E	AA5N	SM7WVZ
JH1FNU	NN2D	NS3L	AD3C	SV1IZY
KY6R	VU2LBW	NW7US	CT2GZE	W7VAS
N6VS	W0PE	UA1OM	DL5MM	
N8HRZ	W7HUY	UA9AGX	F9CI	168
NV4A	WB6AXD	XE1R	IK3GBG	A92IO
OH2LHE			JS6QOM	AG4Q
UA9AEU	177	174	K2MK	EW1P
VU2IBI	4X6UU	AG7N	K2TV	JH1ORA
W6TK	IU0ICA	DF8FT	K6ZP	JP1LRT
	JE4RAL	DL5KUA	KB0V	K1VI
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AF6PK	K3OX	K5CR	N8WRL	LX1CW
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K2SD	NA6MG	KZ5DX	W0MU	OE1ALW
K5TN	SM5CBM	N4PYI	WA4DOU	R4FAN
K8SL	VK2AAH	N5QS	WA5KBH	VE3YXO
LA6OP	W0IKD	VU2DCC	WI7P	W5JMW
N2ZZ	W1AO	W5WI		WX0Z
N4MIK	W4KVS	WA4BIM	170	XE1YD
NA5S	YB1TJ	WA4NUF	DL2JIM	
NZ5O		WC0W	EI5KO	167
VR2XYL	176	WQ5T	EI6AL	AE4M
W4DSM	4X6KJ		JA1GVT	F4DSE
W5SUM	DL6NW	173	JQ1YIW	JA8BOV
	G4AYU	7L2QAD	K6EGF	KB8NTY
179	JA1ERB	AB6CF	K6JJ	KE3X
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JA3EEM	K5DCW	HB9FBG	LA2GH	KN7D
JM1SZY	KK7YC	HB9HVG	N4VN	N1ZJ
K1RH	KT8D	K5CD	N5PA	PT2ADM
K4WZ	N1JP	K5ZQ	N6EM	PY2SEX
KE5TD	OZ9XU	K6UNE	N8VV	WA0SXV

WA5NFC
WB8BZK

166

AL7R
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KR4BD
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SV2CLJ
W4PGC
W8SAX
WA1ZIC
WB3JFS
YO3AIS
ZL3RJ
ZS6IR

165

AG6HE
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IK0XIH
JE4WOK
JF1KML
JK1DDG
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K3VPZ
KG4CUY
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LB7ZG
N2RJ
N3KS
RA0BA
RL3BZ
VK3TC
W2FS
WB2WPM
WB9PNU

164

AC4BT
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KL7TS
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NA2P
PT7DX
S50B

SP7QHR
W6SIY
W9CSX

163

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F4WDL
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JR6LDE
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K0CF
K4GN
K4MV
KD1AB
KE1B
KW4MM
LA1CO
N0AMI
N7KDT
N9LEO
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VA2LC
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W1XV
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YO3IPR
YO4AUL

162

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K3DFL
KA1API
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161

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160

AC0DQ
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JA1UOA
JA7JM
JK1EBA
JR1CAD
K1ROA
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K7LY
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KL0S
KM4NS
N0IW
N4MEC
N5WA
N8IL
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SV1XV
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159

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LA8ZAA
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NE5S

OT1A
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W1EBM
WD5BJT
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158

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W2CG
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WB2RAJ
WT2P

157

7N3IJT
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EI2JD
JA3MHA
JE3FOR
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KN7Y
KW1DX
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N6MM
NP3CW
PY1NS
W3HKK
W4DTA
WD8KND

156

DK8IZ
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GM3WIL
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JA2ODB
JA9RT
JG3RWX
JH2AJY
KA9OKH
KC4HN
N4QM

N7GCO
N7RD
W1MR
W6FL
WA6QGH
WB4YDL

155

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JR3ADB
K2DF
K4EZY
M0IFT
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NO9E
OE1HHB
TF3JB
UT7EC
W5SV
YB1AYO

154

AJ8B
DK1NAL
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JA0GZZ
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JA8ANQ
JE6PJP
JF3VEC
JH1AQN
JH1BHW
JR3QHQ
JR7ILA
N7JB
NE5W
SM0BYD
VA3OKG
W4CIR
W8TM
WA9MAG
WN7J

153

HB9BEM
JA3UOQ
JQ1PCX
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K0COM
K0LB
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K4OY
K8ROK

K9MMS	VA3HP	J68HZ	KM2O	K0SRL
K9YZ	W3HER	JA4GXS	KM8AM	K2OO
KK4XL	W5WLA	JF2AIJ	N6RK	K7QBO
N0VVV	W6WA	JI3BFC	N8TFD	K9BQL
N7NW	WA9JWL	K5EWS	SM3DXC	KD4EE
N7WI	WC2C	K5LY	SP9IZV	KE4FW
NC7B		K7STO	WA2MUA	KG6D
OH3FVP	150	KA3GWD	WA3SKQ	KJ2U
SP5NON	DK3BK	LZ1MDU	WA5NOM	KJ4R
W8VK	DK3FB	N0TK	WW8RT	KN7K
WB4SON	HB9EBM	N3ND	XE2B	LB2TG
	HB9MXY	N9ATF	YB1BML	N1QY
152	IT9ABN	NJ6K	YO2DFA	N2YBB
5P5Q	IT9IPQ	TF3Y	ZS6UT	N4GBK
AC6BW	IZ2MHT	VE6TL		N4UP
BX5AA	JA6SUY	W4AG	145	N7ZA
DF2WF	JA7GZM	W9MAK	5T5PA	OH3PYY
DL8DWL	JE4KCN	XE2YWH	AA5TL	TF4M
DU1KT	JG1GJH		AL7TC	TG9AJR
G4AFJ	K1QN	147	EA4S	W4JVN
IK5BSC	K5HK	AB9KZ	IW1PUR	W4UFO
JG2LGM	K9RT	EI3CTB	JH1CTV	W7VS
K0RAR	KI7M	F6KOP	K5FXB	
K2EK	N6JOJ	G3VQO	KQ5M	142
K4RDU	N9IO	HB9GWJ	KS0M	AK9B
K8ZZU	NG9J	IS0/YO3RA	N6KK	IK1ZNM
KD2OV	ON6ZV	JJ0LZQ	W3DQS	JA0MRW
KE9S	SM0BSO	JK1OTP	W7NP	JA1PUK
NM1G	VR2MY	JL6USD	WB9B	JH6PFY
ON4LG	W3KB	K0PC	WR7Q	JI1UHZ
R9JX	W4NE	K3GGN		K3GT
W6RFF	W8QXR	K3GW	144	K4TXJ
W8FN	ZS1C	K4NTO	AD0TR	K8MRT
WA6EZV		K4SAF	DL6DCD	K9UO
WA9IVH	149	K5UZ	G4FTC	KA6BIM
YV4DYJ	7N2JZT	K8WHA	GM0VIT	LA1J
	DS4DRE	KB9LIE	IZ0FUW	NF7D
151	ER0FEO	N8IK	JK1NPH	NH6L
4O3A	GM7NZI	N8JS	JL3DGI	NN9X
AB2E	JS6SCC	SV8RX	K1TKL	YO8CRU
DF1IR	K2KIB	W0QC	K2HT	
DL4KUG	K9EXY	W3NRJ	K8OS	141
JA2BUR	KM2E	W8OM	K9UWY	7K3QPL
JH2NWP	KP4DS	W9GM	LA2IR	9H1AE
K0KV	N0STL		N5UE	AC7JM
K4DET	NE0U	146	RN0C	EI3ISB
K7LAY	NO0B	AD0K	UY2UZ	HB9EXQ
K9AAA	NZ0O	AE5B	W0AIH*	IZ3XEF
KB7QFE	PY8WW	HB9HHH	WB9W	JR3PKO
KE4BKL	RT0F	HP3TA		K2JK
KE8G	UA9MC	JA3KWZ	143	K9AAN
KK4CLY	VU2NXM	JE1COB	AA4MM	K9AQ
LZ2XF	WA1EHK	K6NR	AF3X	KA5VFU
N7MB		K8ARY	EA4D	KC1ERO
NU4I	148	K8POM	EI2HY	KO4PRE
SM0NUE	4F3BZ	KB9AIT	HB9AAA	TF5B
VA3EJN	A71AM	KD3HN	JA1MOD	W1NA

W6HDG	KC9G	135	JM1JIV	NN6K
WK8A	KF6A	AB4FH	K9JDP	OE3JAG
WK9U	KU9S	AK5Q	KG6WIK	W4MA
140	N3PV	G0THF	KI4TZ	W5EC
AD9DX	N9XX	GM5YTT	LA9KY	W6OUL
EI6JK	OD5YA	HZ1GW	N1BKB	130
EI7GY	PV8ABC	JA1DCK	OH3DP	AA4QE
EI7JZ	W0UHL	JA3MIO	OH7HM	CT1HHP
EW4C	WA5POK	JA7MWC	PT2ND	DL1SWN
JG1RYQ	WA8LRW	JJ1HLL	V31CQ	DM5JBN
JJ1OKK	137	JL2ULM	VU2ABS	JA2LMY
K0UBR	DL2RD	K4OP	W1GY	JH3PRR
K6EV	EA7LS	K5VG	W1ITU	JL4BSE
K7VC	G3PSM	KL7NW	W3MF	K2MHE
KB1HY	HL1MKT	N5RN	W4EJG	K7YMG
KC3AK	JA4DNC	S53MJ	W9SE	KF5WCP
LA8PDA	JF2RSF	W7QHE	WB9ZNZ	KN4JX
LZ2HM	JH1SBE	WB3AVD	YB4CHP	N2YF
VE3NJC	K2CDJ	WB6FWS	YO3GJC	N7TM
W3DIY	K2RKJ	WB9IWN	132	NS4F
W5VU	K4AU	WO5I	AA4FU	NU4Y
W9BS	K6IRA	134	AK3E	OZ6TL
WB1ASL	KP4N	AB0RX	AK6I	RC3FL
WB8EKG	N2KI	AB1J	I8NLC	W1MO
WW6G	N4KM	DL4ZAB	IW5EIJ	W9CTJ
YB3MM	N7VZ	EA6AZ	IZ0COI	WB8RFB
139	N9NFT	IZ8DEO	K4BNF	YB2IQ
AA4DD	NU1T	JA6GXP	K4WM	YO8PS
F5VML	PY2CP	JR0GXA	KG8OU	129
HB9ARK	SM5CSS	K3KY	KI7HO	AD6KQ
HB9DTE	SP3EPG	K7FL	KK5ID	AE7U
HL4CBX	TA1AL	K7YZO	KX5U	JA0AVS
JE3OUW	W2GGY	K9SUH	M3DFW	JA1PLT
K0QB	W2NY	KA9JCP	N3TR	JA2ACI
K9QJ	W4UEF	KD2SC	N4EDT	JA3WMS
K9TRV	W5GOL	KF9LI	N4QOG	JH1RFM
KX4I	W9MR	KM4HQE	NN3V	JN1SUT
N0CKC	WA0WOF	KN4OK	ON6YH	JR1HYA
N2SG	WG0G	LB5GI	SM7DXQ	K0ARM
N7NF	WS1F	N6XT	UW7UA	K0YL
R9MJ	136	NJ1Q	VU3WEW	K5SES
ZL3TE	CT1ESO	SM3WMU	W3KHZ	K7ORK
138	EA5KA	W1DAR	W4MC	K8RCT
DL5KUT	G0OSK	W4UAT	W5FL	KB4KBS
DL5ZB	IS0EBO	W5AAJ	WA1HXH	KE7BMG
G0FWX	NT5EE	W6UC	WA1KXV	N8BK
HB9DVZ	ON5GF	WB1DX	ZS1EL	N9AVC
JA0CVC	TA1PB	133	131	PY3OG
JA1PVX	TF3VS	7J1ABD	DM6MA	SM2YIP
JA1VRY	VE3FRR	DL8OH	EI5GM	VK5CE
K2JL	W0ANZ	GM1BSG	GM4KHE	W7TG
K2RET	W4GH	HB0WR	IK1UGX	XE1ILI
K2YSY	W4PGM	HK4EB	K2WJ	128
K6CW	W4PV	I4JEE	K3WGR	A71XX
	W7SX	JA5IBP	KA5IAU	

DL9SAD
EA1AHA
EI3IO
F4GTB
HL2DBP
JH1AWJ
JN4FNZ
K6OJ
K7PTC
K9YKL
N0JR
PU4MMZ
R3BB
UR9IDX
W0QD
W5MF
W6IS
W8BI
W8WV
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127

7Z1HL
AG4TO
DJ5DT
DL9GTB
G8BCG
HK6K
I2YPY
IK2ULM
JA0BES
JE2VYM
JG1LRE
JH1HRJ
JI1MNT
K7LFY
K9BO
KB8KIM
KF3N
LA2LI
N0AB
N3GTG
NA1RL
ON5EQ
VE3EDY
VU2MSA
W0MF
W2KNG
WB2KSP

126

CU7AJ
EI4HH

G3XLF
IK4TVP
JA5CDL
JA5XPD
K5KDX
K7PO
K8GT
K9QA
KC5RR
KK4CB
KS4WA
N5HC
N8YQX
N9BVA
NX8Y
OH4KRN
PY2OP
VE3TMG
VR2VGM
W8VI
W9COS
WA2BOT
XE3E

125

AC4XO
EI8GS
G4EHT
IK8PGE
IZ8EYN
JA1IHD
JH8FIH
JP1GVC
K5NOF
K9ARZ
KC2STA
KK5J
N7TW
N7UJJ
NA7RH
NN6CH
NT9F
SM5AFU
VK2DAG
W0XE
W4AO
W5CWQ
W6PG
W9EBO
WA4TMJ
WA7HR
WM4AA
WR2G

124

AA5H
DJ3EJ

EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JG3KMT
JH1XFR
JM1LPN
K3SUI
K6VVK
K7HC
KB8DID
KC4AA
KD9ZR
N0YO
N1HO
NT4K
W6ELI
W6ND
W8PAT
WW5L
ZL3REX

123

AE5FM
DJ6OZ
DS4DBF
EA3NG
G6NHU
IK0XKP
IZ8LMA
JA0PZJ
JA1GLE
JA2HOL
JH1RVQ
K2JGL
K6LPO
KI0HA
KM4CQG
KO8SCA
LX2SM
N6DVR
N8AYY
N9RE
OH3TY
PY2ADR
VE3FAC
VE3VHH
W2WGK
W4UT
WB8TGY
WU7X
WX3P
YB9WZJ

122

AA0BH
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HC1HN
JA9ALR
K0HQW
K0MD
K3DQB
K4VAC
KA5SYP
KB4ET
KN9N
N1ZZ
N6VH
N9ATD
NZ6N
SV7CUD
UT9LC
W0JMP
W1ES
W1HEO
W1KKG
W4BH
W5HMK
W6HB
WA5YOM
WA9DU
XE2MX

121

AB4BJ
AD5MD
DD0VE
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JI5WDC
K1EDG
K1LTJ
K3CWF
K3HPA
KB3IFH
KG5NP
KK4ODQ
KU2A
N3ER
N5ZY
NA2R
NY4G
OZ6EI
TA1L
UA0FDX

W0DD
W2ARP
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120

AA2T
AC4TO
AE5LK
AI2S
CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA0JPD
JA1DCO
JH5OTE
JJ1XVA
K9CHP
KC9WPS
KD5R
KG4OJT
KJ6Y
LU3XX
N1TQP
N3DV
N3GS
N4UFP
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB
W1RG
W4DWS
W5RYA
W6GJB
WT5L
YB0AZ
ZS6NK

119

DL2VWR
F5BAR

HL2MHU	KB5CSQ	KB7V	JA4CSJ	W9LU
JA6JYM	KO4PY	KG4URP	JA5SEY	WB2UFF
K4RM	KP4ED	MM1PTT	JH1GNU	WD8LTM
K7LOL	KZ1X	N0TR	K1JKR	WJ1B
K8EB	N8AGU	N7PIB	K2KNB	WN1M
LU9DO	VE7NY	NA4MM	K4JDJ	ZL3PAH
N1GNB	W3LWH	NE1RD	K4JLD	
N8LCU	W3MRL	NG0G	K4TR	111
SV1BYI	W4ARK	NI4Y	K5WRE	EI2FG
SV2KF	W4PG	NW6V	K9DUR	EI9CN
W1ZK	WB9WHQ	OE5MPL	KB2TGU	F8DZY
W5IO	YO6HOY	W4OV	KC0V	G4ZWY
W6ZPL		W5WS	KG2U	JA4DLF
W8EOG	116	W7FI	LU3JVO	JA5EEU
ZL2AO	6K2ILX	WS4H	NA9L	JE1TNL
	AA0FT		NS4X	JH1IY
118	EA5GX1	114	S52R	K1RE
6K5AQY	EI4BZ	F6FHZ	SV2DSJ	K2KYH
AC9GK	G8GHD	G3CWW	VA3AYA	K8ZEE
AE1T	IZ2CSX	HC1HC	VK7ZE	K9JIG
DJ9KM	J11DMH	I0BJV	W3JM	KC2NJ
IZ0RPS	JT1CO	JA1CPU	W6BBS	KM5VI
IZ1JIZ	K2GLS	JA8EIA	W7CD	N0ATQ
JA6CMQ	K4LCP	JG4OOU		N1BZ
JH3LCU	K8JRK	JL3RNZ	112	NT5O
JM1CMA	K8MN	JM3XZC	3C3CA	PT7CB
K0PX	K9GWH	K3PL	7Z1CQ	TA1UT
K9KJS	KB8ZUN	KB1W	DS3EXT	TA2RC
KA5JSM	KC1RET	KD2NF	G0DTX	W2FDM
KB3KJ	KD5RBU	KI8AE	G3YFE	W4IDX
KD3UY	N0UCR	N1AH	GM0SCA	W5GCX
KD9BIE	N1GFV	N3DD	IK4EWN	W7WT
KG5VK	N2TC	NA1DX	IS0BQE	WB1S
KX6C	N2ZL	NG4DX	JA4RED	WB8PKK
LZ1XZ	N4KEB	NG8T	JF2OHQ	WU4B
N3HYB	OE6CLD	NK5K	JF3AHI	
N8KUS	RW6MBC	W0QKL	JH0LME	110
VR2CC	SM1NJC	W2ZK	K0XM	AC0B
W7KKC	VR2IL	W8LR	K4HEB	AF8C
WA7ZXD	VY2RU	WD0AJG	K4ZMV	AG5Z
WA8RCK	W3IZ	WN0L	K7RAN	CT7ANG
WB5TOI	WA4VJK	XE1EE	K8CJY	DK4MX
ZS2I		YB2BNN	K9KDS	EA1BLA
	115	ZS4JAN	KC2THY	EI9HX
117	AA9WO		KH6P	G4VWI
AD7L	AF7WM	113	KK7BR	HG6IA
CE3FZ	AI5EG	AK0A	KS0JD	IZ1EPM
F8EZE	E74A	EA5DPL	KY6AA	JF3KOA
IS0BZR	HL4RBR	F5EOT	N8AID	JH1FRW
IZ7QFN	IW2FLB	F8GB	NK7Z	JR2PAU
JA9KA	JA0NPQ	G0UII	NQ4A	JR4DHK
JM3GXU	JA1UBZ	G4NAQ	S51DV	K3MSB
JR1KBJ	JH8LEY	G4YCS	W1FC	K4KAL
K0FF	JJ2VLY	HB9GZE	W1HQ	K4RP
K4AEH	JM1JZN	IU8GNY	W3WN	K5GZR
K9LCR	K8CR	IZ0CKJ	W4AFB	K6DJ
KB2S	KB4CRT	JA2CPD	W4LLP	K6SLO

K9TVG	DL1TPY	KJ4FZ	PT2DF	WD4OHD
KV3W	DL2AMD	KS8W	PY2OC	WK3A
N3YZ	DL2NAI	LU5OM	UA0ABB	WZ9B
N4NYY	DM5TI	N0MHL	VE3BHZ	YU1LD
TF8GX	DU1IVT	N7TP	VE3XK	YV4EH
W1ZZ	E70X	N9AZZ	VU2MB	
W5JE	EA5XV	NC6RJ	W0LGQ	104
W6TCP	G5CL	NI8Z	W0TLX	7N4OBV
W7YED	G6MXL	PP5VA	W4/KL7GLL	AA2WC
W8PE	IK1RKN	RM6LW	W6KF	AA6XV
W8TE	JA2DCN	SV3EXP	W7GB	CT3DZ
W9GFB	JE2DOD	TA1CQ	WA3IIA	EA4EJP
YB1SKR	JH1OVY	UX5XK	WA8Y	EI3HA
YO5QAW	K3XO	V31MD	WS7I	F6ARS
ZS5LEE	K4GHS	W1USN		FM5FJ
	K8LBT	W5HY	105	G0DRM
109	KC8YG	W8JA	AA2F	GW0ANA
AA4RX	KE3ZT	WB2MKX	AI1W	HA5DI
AB1NS	KE7AUB	WL7OU	AP2IA	HB9BMY
AC8TO	KI4SFT	WM4W	DL2DCX	JA0NZR
AF3K	KJ4SKO	WU1U	DL9GTK	JA1CC
DL9QJ	KN4WOJ	ZP6CW	E29TGW	JA1DHY
F8DHE	KO4XI		F5VIF	JA1RBY
G0MMI	KW1X	106	G3LOJ	JH1MYJ
JA5GOJ	LU2AH	AB6WQ	HB9TJG	JI4HKA
JH4GNE	N2IFA	AC5AA	HL4GHT	JQ2MPJ
JI1ZS	N5FPW	AC7DX	JA1JYS	K1TWF
K0FD	N5TW	AC8IL	JA1SZN	K2CQW
K5NV	TF3MH	AJ6V	JE6UWU	K4WW
K6JAD	VE7VV	DS2GOO	JJ2BLV	K5JUC
KB7DT	W4DVG	EA3AGY	JK1AKA	K7UW
M0AQM	W6CN	EW4DX	K0MB	K8WVA
M0MCV	WB5ZAM	G0OJG	K1EO	KE4YOG
N4LS	WC4B	G0RPM	K1ETA	KJ2AM
N6RVI	WF7T	G3LPS	K2GW	N1FOJ
NN8L		HI7SB	K5WE	N3PW
NW6R	107	JA3AOP	K6GCN	N4PAJ
NX1P	AB7RW	JA3FRI	K6ME	N4ZR
NZ3M	BG8PA	JF7NNI	K7CMZ	N8TEM
NZ7Q	DJ5FZ	JG1XBM	K8FB	N8WXQ
PF7M	DK2GP	JJ1IRS	KJ8N	NA8W
PV8DX	E73D	JO4JDU	KK4MA	OM6CI
SP7ASZ	EA2BFM	K5TU	KR0P	OZ9U
T88UW	EI5GSB	K6VWE	LA9JKA	PA0QRB
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W3GP	IC8XIL	KI4NSP	N0SL	RV4LC
W4JDS	JE1CTA	KM8V	N1TQ	VK3MB
W5SG	K1FUG	KR4U	N4LSJ	W0VU
W7CB	K2FJ	KT5V	N9APK	W9GXR
WT9U	K2ZD	M0PCB	N9IXD	WB7QXU
WW5RC	K3GO	N4DJT	NC1M	WX0B
	K4LQ	N5JED	NK7L	YB1BUL
108	K6DLB	N6UOZ	OH6IH	YO6HSU
7M4CLF	K9MQ	N7MW	PV8RR	ZS6HON
AC8MR	KA4LBD	NG4C	TA7AZC	
AC9DX	KB0EL	NI7F	VU2DED	103
DB9CR	KF2G	NS7K	W1PY	AF8P

DS5JMG	NA4D	KE9UA	DL3ANK	KV8P
EA2RY	NN5O	KJ5RC	DL5JH	KZ4EX
EI9GLB	R9GM	KK6VGE	DS4GQR	M0NGN
FM4LV	S51MA	KU4A	EA4TX	N0OK
JF1KIG	SM0XG	LA2XNA	EA5PS	N0VTZ
J11FXS	US8ZAL	LA3ANA	EI4DQ	N1KI
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K4SAW	W9GWP	NZ1I	GW0KRL	N7WFK
K5DXR	WB4PWZ	OZ5JQ	HB9BEP	N7WR
K6XJ	WB7QBS	PA3AIN	IK7NXU	N8HM
K7BWC	WB8LEM	R2ARR	IZ4IRO	N8URE
K9WMS	WD6T	RZ6MJ	JA2KGQ	N9MKC
KA7CVJ	WD9IOK	SV2BXA	JE7KCI	ND0B
KP4DDY	WF4W	SV4FFL	JG3LDD	NE3K
KQ6K	WN9A	TF1A	JG5VFK	NM4SH
M0UPL	XE1SAX	TG9AKH	JK1AIA	NX6D
NB3R	YB0EIN	UA4PK	JK8VMB	OM2AGN
NI5G	YB9AY	VA2GA	JR4VEV	OR4K
RX3BP	YO6BHN	VK4BUI	K1HC	OV2B
VE7XT	ZS2ACP	VU2OT	K1JX	OZ9GA
W4CU		W0ZX	K1PTF	PV8AJ
W5IP	101	W2GHD	K2UF	PY5VC
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W8EH	AB2NI	W3RMS	K3NO	UR8IDX
WA6URY	AB4EJ	W3SW	K3RRR	VA2EU
WA8KNE	AB8YZ	W4PM	K4GM	VE1JF
WC9C	C31MF	W6OU	K4QS	VE3KKB
YB1ALL	DD8BA	WB5KSD	K5LLA	VR2PX
ZL1IM	DD9WG	WD4IXD	K5MMH	VU2OY
	DL3XAC	WM5H	K5PSN	W0PPA
102	EA4UV	WU6K	K5VSD	W0RMS
4X1VF	EA8TZ	WX7B	K7VL	W1HS
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AC0XY	G3VDB	YO2OXD	KA2F	W3BNN
DB2WD	G4GEE		KA4H	W3KN
EI4GNB	HB9PUE	100	KA9JAC	W4CG
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IC8SQS	JA1KZP	9M8DEN	KD0KZE	W5PD
IZ7QSS	JA2KPW	A41ZZ	KD1DT	W5YKU
JH1IHG	JA5ALE	A71EM	KE1IU	W6OZI
K1AJ	JA5JUG	AA7UN	KE8NOA	W9KM
K1MDA	JK3NSD	AC0DH	KF5MDZ	W9ZT
K2CJ	K3AXB	AD4J	KF5TL	WA2ALY
K2DH	K3LA	AE4VJ	KF8PD	WA2VJL
K2DW	K5HX	AJ6X	KG4IYS	WA3UTC
K4HR	K7GA	AK1P	KI0G	WA3YZD
KB1AWM	K8PGJ	AK4AO	KI3O	WB0RXQ
N2CJN	K9GL	DB6VH	KI4PG	WB2ZEX
N2FY	KB5YN	DC1TK	KK6MF	WB4MM
N4IR	KC3OPI	DK1MCS	KL7XO	WB6RAB
N8KOJ	KC4ZA	DK7GH	KR4Q	WB6RJH

WD1M
WD4GZW
WI0E
WM4D
WM9Q
WU1T
XE2AD
YB6LAY
YE1AR
ZS6CR