

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 25 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		
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		332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA0UUA JA2FBY JA4DLP JA5MHD K1OA	330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH

K3WC	YO5BRZ	I5NPH	WI8A	JH3CUL
N4JF		IZ0AEG		JI1DHY
N8JV	327	JA2DPC	321	K6AM
N9IW	DK5WL	JF1WPB	AD1C	K7NN
OE3GCU	DL2OE	JF7XKY	G4CCZ	KV7K
OK1MP	HB9AMO	K0CA	HB9BIN	N4DB
PY2BW	IK4BHO	K5KC	JA0GJJ	N4PQX
SP3E	JI8DGO	N8BM	JA2BDR	PA3EWP
YU1FW	N6JV	OE8HIK	JA3AZD	R5AJ
	PY2YP	R3OK	JH3VNC	SV1FJA
329	SM2GCCQ	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	SM5CZQ	R7DX	VE3EXY	DL5WW
NI0G	SP5DIR	SV8CS	W6XA	GM0GAV
PY5EG	W6RLL	UA3AB	W7AO	HB9HFN
R4GM	W9OP	UA4CC	YV1DIG	JA2JNA
SL0ZG		VE1DX		JA8EAT
SP6CIK	324	W1ECT	319	K3WA
W5FKX	DL5DSM	W3LL	FK8CP	K4HB
W5ZN	EA5BM	W5CIA	JA1XEC	K8YTO
WA1JMP	I0WDX	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*
LB8DC
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
DK2JX
G0BLB
I5HOR
IZ8FFA
JA2XW
JA3GN
JH1QAX
JJ3HGJ
K0KX
K2SHZ
K3RA
K9MM
KC6AWX*
NE1B
NI6T

NS6C
OZ4O
SM5JE*
W2JU
W6ENZ
W7OM

306

DL1KUR
DL6CNG
G0OIL
HA1RB
IK4PLW
JA0CRI
JA6WJL
JH1AGU
JH1NYM
K2UU
K5XI
LA7JO
R9FM
W9RN
WB9CIF
WD0DAN

305

A65BR
DJ4XA
JA1VSL
JA5XAE
JA9CWJ
JR2UBS
K0JUH
K6KLY
K9ZO
KG4W
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
WA5VGI

304

DK5AD
EA6VQ
F2JD
HB9DDZ
JA1XCZ
JA2ZL
JF2UPM
JN3SAC
K8AC
KC7V
N7US
N9RS
NN4R

R7FK*
UY5AA
W5XC
W7CT

303

DL5EBE
EA3GHZ
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
SP2BMX
W0VX
W4QN
W5ADD
W7DO
WD4LBR

301

AA5AM
AE5E
F4BKV
HK4SAN
I2MQP*
IZ1LBG
JA0DIN
JA1IZZ
JA1LSP
JA2WYN
K4SE
K6RO
KI0KB
N9AU

RN3QN
US5WE
WB5JID
WE9R

300

AA8CH
HB9DDO
HB9SLO
IZ5RVG
JA9AA
K0KVR
K3XA
K8GG
K8TL
K8VfV
KB1JZU
PA3CSR
W5AJ
W6TC

299

CT1FMX
DM2DXA
EW2A
G3SVD
HB9RG
IK4ADE
JA7BWT
JH1SjN
KM4H
LA3WAA
N4TL
SM6CUK
UA9FAR
VE3BW

298

5B4AHJ
G5LP
HP2AT
JA4ITW
JL2JVX
JR7WFC
K8EUR
N5DG
N8TR
ND0N
NQ1K
OE3SGU
SV2DGH
WB0TEV
ZL1BYZ
ZL3JT

297

AC0A

DL4CF
DL7BA
E73Y
HL4CJG
IK5RUN
JE7JDL
K2PK
K8GI
K8WK
KG7H
KT1J
PY2VA

296

AA8OY
EV1R
K6FW
K8VC
LA8PT
N0RB
PY7DJ
RA3QK
SM6BZV
SV9COL
UA6YW
W9JA

295

AD6W
DL1DUO
HB9TKS
HL2IFR
IW0SAF
K5ZK
K6SIK
KD3CQ
SP8HKT
SV1GYG
W2GG
W5LT
W6XK
YO2RR

294

EA6NB
HB9BOI
HB9CEX
JA1BPA
JA1IOA
JA2VQF
JE1DXC
JE1GWO
JE8CLT
JK1EXO
K5MC
KZ4V
N0KV

R5DT
RU6L
SV3DCX

293

AA4R
CU2AP
DL1SMA
EA3WD
IV3YYK
JA2CXF
JA3RQ
JA9GPG
JH7RXU
JM1FHL
K4JAF
K9MK
N2LM
PY2IQ
S55DX
W9AJ
WA4FFW

292

AI9L
EA5AT
G4GIR
G8DX
IZ3ETU
K7ZD
N8II
R6AF
SP5IWA
SV2AEL
W6SR
WA3AFS

291

G0EHO
GM0AXY
K3PA
K5VIP
K7ZV
KB8VAO
KP2A
LA5HE
MM0EAX
N2TN
VE3CFK
W3RJW
W6YI
ZS2DL

290

9K2OD
AA4A
EC3A

IZ4MJP
JA1JAT
JA1KQX
JE1LFX
JE2EHP
LA2QM
LA5LJA
LU3CQ
N9FN
PP1CZ
SK3PY
SV3AQR
UN7TW
VU2NKS
W2LK
W3OA
W4VIC
WB9EEE
XE2CQ

289

AJ6T
DL9TJ
IW0HQE
JA8EJO
JA9FAI
JE2LPC
JG1WSC
JH1BAM
K4XD
K6ND
KK0M
N2NL
N7TY
R0FA
UN6T
W9YSX
YB1UUN
YO2CMI

288

I1EIS
JA1SVP
JR1DUP
K4MS
K9US
KD0Q
N4RWG
N6UK
SP9JZU
UA3AGW
W1EQ
W1YIF
W2LE
W2NO
ZS2EZ

287

9M6YBG
AA8LL
HB9BAT
JA2ATE
JA3EOP
JE2OVG
K0AZ
R9SA
RM0F
SM5ARL
UN7JX
W1VT
W4YCH
W7BEM
WA6F

286

4Z4DX
AB5A
CT3HF
DL2VPO
IK0XBX
IZ8XQC
JA1QXC
JA5BEN
JG0CQK
K1LPS
K1RO
LU8EKC
RA0FF
UR5EDX
W3GQ
W5VY
W6PJ
W8AXI

285

DL1TRK
DL2SWN
EA3GHQ
IZ8DFO
JA2VMU
JK1GOK
K6GXO
K6PJ
OE1WHC
W8AV
WK7E

284

EI9FBB
JA1WSK
JA2FGL
JA3DY*
JG3SKK
JH3SIF

JN1BMX
K0BBC
K0TPP
K9SM
OE5BWN
PY2KP
SM0CCM
SM6CTQ
SP3IBS
W2AY
W4FQT
W5ODD
W8BBQ

283

EA6ET
HB9CQK
JA1RTX
JG3FEA
JL1XMN
K3WW
K5DHY
K9NW
LA8HGA
LU4FPZ
N7IR
N7RO
OE8SPW
RA1QD
S57AT
W1LW
W6BJH

282

GM3YOR
IZ0RVI
K5UO
NT0V*
RD3AW
SM4CTI
UA0BA
W7AL

281

AD5Q
EA5OX
EI2GLB
F3AT
IZ8FDH
N2WB
N5GH
N8SNM
W0LS
W7ZJ
W8TN
XE1KK

280

GM3PPE
HA5VZ
IK0HFO
JA2IYJ
JA6TMU
JH4ALY
JR6LLN
K1GG
K4WNW
LZ2JE
PY2DS
SM5CZK
W8LGJ
WA9PIE
ZS4TX

279

AJ9C
HL3GOB
JA1FQI
JA7LGE
JA9IFF
JE8TGI
JF2XGF
UN7LZ
VE3EK
VK3HJ
W3JX

278

9A4T
DL5CW
EA8RR
F2NH
I4KDJ
IV3GOW
IW1QN
JA8LRG
K1USA
K2UR
K3UL
K5RT
KD0PO
VE3CRG
VE3DZ
W8MHW
ZL4TT

277

EU1KY
F5UJK
IT9CVO
JA0PE
JA3ENN
JA8EOT
K2AJY

K8UT

N5LZ
UT7UV
UW2ZM
VU2PTT
W3BW
WF2S
WT4Q

276

DK3WW
HB9LCW
IZ5BAM
JA7FWR
JA7LMZ
N5MOA
ON4CAS
RX4HZ
SM0NJO
SM5CLE
VE1JBC
W1ZT
W5GO
W9FR

275

EA1AF
HL2WA
JA2JRG
K0GD
N2JJ
N7KA
N8PW
PA7RA
W4OX
W9MJ
WO7R

274

DL6JZ
EW1KP
IK0AGU
IW0HOU
JH1IAQ
K1DT
K3PT
K6UM
KA8ZPE
KJ6P
NA5C
OE2GEN
RA5BM
SV9AHZ
UA3ECJ
W0EWM*

273

JA1XPQ
JA2TBS
JA6BEE
JH3GCN
K5PS
N4IG
OZ1ACB
RW7M
UR5WA
W4HG
W8RLS

272

AF9H
CT1FCX
CT1GFK
E72A
F5PBM
HA9PP
IK5PWN
JA9FPI
K3FRK
K7EG
K8BL
KI4GE
LA3MHA
OE5FIN
PA0ZH
SV1ACK
W1YRC
W2OO
W3AP
WN6W
ZS1A

271

4X1RU
AA8R
I1FQH
IK2DZN
IZ8EJB
JA0DET
JE6TSP
JM1HJG
K3PU
KS3F
N8LJ
NK0S
UA3TT
WA3C

270

CT1EAV
CT3MD
DK8MCT
DS1JFY

EA1KY
F9XL
JN1RQV
K0BJ
K7UA
K9JF
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269

IK8EPC
IZ3ENH
JA1OVF
JA1VLK
JE3ENP
JP1NWZ
K0KT
N4UOZ
NW7E
OM4EX
SM5FWW
W1MK
W4MAY
YB1AR

268

JA1NWD
JK1TCV
K1DG
K1MAA*
K9MBQ
KD4W
N2AJ
N5JB
N6TA
NA5DX
OH1ZK
ON6AA
SM5ENX
SM6BGG
W8QZA/QRP
WA1YTW

267

4X6ZK
AA4FL
JF2WGN
JG8FWH
JI3CJP
KB1EFS
R8TX
SM5BMB
SM5FUG
W1KSZ

266
7K1PTT
IZ8VYU
JH1HHC
JJ1TKN
K8AJS
K8ROX
KQ4AV
PZ5RA
RA4CA
W0FLS
WB3LHD

265
G3WPH
JA4FM
JO4CFV
K2CBI
LB2TB
N5KM
N9JV
W7MEM
WB2BIN

264
4Z1UF
DF2GH
EA1KP
F6DBX
HK1MW
JA8DNV
JA8ZO
JR4LNG
KA1ERL
LA0FA
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF

263
DK4TP
EA3CJ
EA4DL
HA7UW
JA7XBG
JR8AMF
K1KO
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
JA2XCR
JH3KAI
K2FW
K2KA
K7LJ
ND4X
NK4L
OM8FR
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
AA9A
DJ8NT
EW1BA
I5OYY
JA8BNP
K2UFM
K5VWW
K6IPM
N4JQQ
NI3P
PY5CC
SM4AZQ
W2FV
W7AH
W8KEN
WA1S

258
DK7YY
HB9IQB
JA9AGN
JH1BNC
KH2L
OH4UI
SA0AQT
US0YA
W1SSN
W4LSC*
ZL2IFB

257
AF4HX
BA4RF
CT1FPQ
DJ0UT
EA7SG
EB3CW
IK2PZC
IK4AUY
IK8VRH
JJ1DWT
N3VA
N6HC
N6PSE
OH1JP
PY2MC
RU1AB
SV1VS
W8MET
W8MJ

256
BH4QYX

EC1A
FG8OJ
IK4HPU
JA0KJE
JH1RGG
JH4GJR
JM1GHT
JM2RUV
K0TT
M0TTB
N9ISN
W9HBH

255
AI6Z
IV3TMM
JA9NLE
JE2DZC
JH4HMG
JK1OPL
K1UU
K9FN
KR4F
N1RK
VR2XMT
XE1MEX

254
BA7IO
CT1BWW
DL1HRN
E72U
JA3VPA
JA3WLN
JH1VUO
K3SEW
KI5BLU
N4LR
UA3O
W7Yaq
WA0RVK

253
CT1BWU
CU2DX
DS5ACV
G3UAS
HB9DHG
JA6GPR
JA6IVR
JE2RDO
K6MKF
K8DV
KE1F
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	245 AK5X JH7BKN JR3UIC N0AH N5BO NZ3O S5ZZ W6DE W9JJB YB0NFL	JR1MLU K1CA K4PB K7FEL N2NS N3RC N6HY N6KZ SV1IW	JF0JYR JH3FHQ K9OR KA4RRU KF7F M0CSD N4PJ N9UA W4KA WA4QMQ WA6JA WB0TVY WQ6Q	WY6N YB2TX
248 HB9DOT HL4GAV JJ1SKG LA6UL N4XP OZ1LCG VE3YF W5JAY	244 EA5RD HB9BUN HL2KV JA1CZI JA4VLK JI6IHG K0KG K1EFI K1PL K1YR K4JJW K6EID K8RRT N1EN OE3HWC SP6A W4REX W5PJR WA3F	241 AB5C AF5CC HC1BI IS0AFM IZ8FWN JF2VAX JP1IOF K4RG K7KB KV1E 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	235 EU1U JE1IBI K0VSH K4QE K5CWR K8ZM N2FF NW4M TA1CM W7YW WB8CQV
247 EA3EQT HL3DE JA1DDZ 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	234 DF7EE DK2CC HB9BYQ HB9JOE HS1NGR IK0LNN JA1EMQ JA8XQI JK1BSM K4MF KE5FXE KE8UM N4HB N4OA ND4V NV4B S51NM W3WST WA4CEM WA4JQS WA5UA
246 IV3KFB JA1VRU JA2QXP JA7HRM K1FEV K4KAY K6BV K9YC N2DPF N3KN W1KMA W3FI W3ICM W5ZO	242 DH2PC HL3AMO JA4ZA JH1WJR JH4ADK	239 6K5YIA DJ9RR IZ1JMN IZ2FOS JA7KE K2XF K6EME N8SHZ SP6JIU W0JM WB7B		233 AA9GR AJ4A CU3EQ EA4DEI JA4HAW K8BN K8EAB KJ7M N2NW N9BX NE3F PY5IP SM0XBI W2NRA W6RW W6YOO WB2KSK

WD8PKF	AJ8MH	K2BA	JA1IAZ	NA5Z
ZL4AS	IK2GAJ	KB1DMX	JH1DGJ	ON4ATW
232	JA2OLJ	KH6M	JR1VAY	PA3BWD
DL9FCY	JE1VTZ	KK4OK	K6IPV	SM0DSF
EA1RT	JK1VXE	KX2A	KG9Z	UR4IOR
JA3BXF	K0HD	N2KX	KI6CG	XE2X
JA5NPV	K3FM	N5ET	KW4V	219
JA6CBG	K4CMS	N6BM	N1NU	AG1A
JH1APK	KD1F	VK4CAG	N4ENE	F5JSD
JH6DUL	KI4DLS	225	VE7TK	HL5BMX
K0DD	N4NW	DK5RL	W4PNY	K5JZ
K4ST	W1WC	DS5DNO	W7IB	K9ZM
K5FNQ	WA1PMA	EU1M	222	KG6I
KF7PG	228	JA3QOS	AA0MZ	KI7AO
NY2NY	F5LIW	JH1UBK	DJ9SO	N1KC
OZ1IKY	GW4TSG	JH8NQV	DL5XL	N6DX
RK4FD	JF1RYU	K0OK	E77S	NA9RB
RQ3A	JH1ERJ	K1JIU	F6ECI	W6GRV
W2/CT1GIF	JH2PWY	K5YU	IZ7AUH	WB4KTF
W2YR	JR7GBL	KA8SYV	JA9NFO	218
W3FOX	K5FZ	MU0FAL	JM1VRW	DL2NOM
W6CYX	KS4S	N9SF	K2AT	DL4NBE
W9ZCL	N6PM	SM3LGO	K6ZZ	DS4AOW
WV4TN	RA3QUA	W3MR	KJ7TEA	I7PXV
231	W2DXE	W5GZ	N2SQW	JF1MTV
AD5WB	W9FI	W5TFW	OZ7FOC	JJ1QUV
G3KMQ	WB8K	W8UV	RA4P	K1NTR
HL2ZN	227	YO9FNP	W6AER	K3EA
I0JBL	DL2RUM	224	221	K9JU
IW7DVM	G3VPW	DK3PZ	E21EIC	KE3D
JA1MZL	HL2EIZ	EA7QW	EA2AAZ	N4JT
JF2WXS	I0MWI	JA3FHL	HI8RD	TZ4AM
JH0AWC	IK8UHA	JA8NFV	JI1NJC	VU2CDP
K2SN	JA0DWY	JK1WSH	JR7FRW	W8CZN
KD6UO	K1GE	JO1LVZ	K4JC	W9KVR
NA4EA	K1KA	K1CBK	K5DV	WA2NPD
SM7NDX	K5GH	N3RW	KK9H	WC4H
W0QQ	N4IQ	N7WO	KU4XO	217
W4UDH	N6OJ	NH6T/W4	RU0SN	AB4UF
230	NF4A	OE3KLU	W4DEE	DH0GSU
DK6OR	W5SL	PE1L	WB0O	EA5B
F6HLC	W6DR	RW4CY	220	JA2NNF
G3LUW	W8GNM	SM7BHH	AA6RR	JA7ZP
J11VVB	WA2USA	SP6AXW	DL4DW	JG5RVQ
KB9DAK	WA8MCD	VE3SKX	EA5DFV	K2HAT
N0RN	WA9GON	WN6K	EI9FVB	KB5UNX
W5DM	WC3W	223	JA6AVT	N6QI
W8WVM	YL2KF	AC9EM	K1DJ	OZ0J
W9YE	226	AC9O	K4EU	SV8DOU
WB2NPY	DM2RM	AF2C	K4MIJ	W0TM
229	HA5PT	EA7DUD	K5MT	216
AA3LX	I0OSI	I8MTQ	K6MM	CX2CC
AE0P	IK7FPV	IK2RZP	K7AWB	DJ3XG
	K1XV	IZ8MBW	KZ9DX	

G4VMX	K0QQ	S54A	RD9M	KB5HC
HB9CXZ	K2AZ	VE7BV	SP7ICE	KM9E
HB9DQV	KB6CIO	W5THT	TF3DC	KV4AA
IZ0NRG	VK3BDX	W5WFP	VK2CA	KW4CQ
IZ1JLG	W0KCI	W7FP	W4GE	W4GP
JA1FJJ	WB6BFG		W7NN	W7IV
JA2VHO		209	W9QO	W8LMG
K3NQ	213	7J1ADJ	YB0MWM	XE1L
K7LV	9A1AD	AH0U	ZS1J	
KK4OW	AG3V	K0VM		203
KR4W	DK3UA	K5ALQ	206	F5NBX
NC4RB	DS3HWS	KB4MRX	3A2MW	IK2RGT
PS8ACL	IK1IYU	N0ODK	HB9CRV	IZ0BTV
W0SR	IV3FFI	N6PEQ	IZ4DIW	JA7JPZ
W9MO	JA0EVI	NE6I	JF1IRW	JH8NBJ
WB3D	JA1FVS	PU1KGG	JH0BQX	K0CS
WS1L	JA3NHL	SM5BNK	JN1NBU	K4JKB
	JR1EFG	W3BJ	K0MN*	K9OW
215	K2RU	W6DCK	K8NK	KA1DJ
9H1EJ	K4JWA	W8HMK	KF9UG	KM7R
AA7XT	K9GA	WB0ULX	KK5OQ	N3PS
G4FKA	LA5SJA		KK9T	N4TV
HB9EFK	N8GP	208	N4TOL	N6PAT
IZ0BVU	NA2M	DL8SDC	N8BJQ	SV1FKZ
JA4CZM	VK3FM	JA1OVD	NA2AA	W5RF
JE1PNX	W2KA	JA1PBV	NA9Q	WA3FRP
JE2UFF	W8WEJ	JH0NOS	W9DX	
JH0OXS		JR3VMJ	WA3WZR	202
JH5HDA	212	K0THN	WA6G	AA9RR
JT1BV	DJ3AS	K2PF*		DF3EC
K2XB*	G4ZOY	K4CGY	205	IK5BOH/2
KF4NEF	JA1BWA	K4WES	CU3AN	JR4LZX
KR6C	JH3GFA	K5RJ	DL4LAM	K1NJ
KX4TT	KU4BP	KS4YT	DL6UNF	K9TF
N8NN	PY2RO	LB5WB	HB9BNQ	K9WX
N9AOL	SM5AOG	LB6KC	JA4DHN	N8WD
RN9N	SP5LKJ	NW6S	K3WWT	NU1O
V51B	W5DAW	OH7TV	K4YYL	W1AW
VK3NX	W5GA	W5FPT	KE6V	W1DYJ
W0FG	WK4Y*	W6WF	N9KW	W3NS
W0TT		WX2U	OH2IS	W4RDX
W1JGS	211	207	OH3OJ	W7TUS
W2PP	JA3LDH	9K2BM	UN9L	W7VY
W4IS	JJ1KZZ	G8AJM	W7HR	WE2N
W6SL	KD2T	JF1WLK	W8BLA	
W7JY*	KT2C	JF2OZH	W8FIB	201
WE1P	N1BY	JH2VVH	WA4MME	AA8SW
WE4S	VR2XLN	JJ1BMB	XE1J	GI4OWA
WV9L	WA3I	K9FZ*		JH1IED
WW8W	210	KE1VT	204	K0MFI
ZL2AL	JF6XQJ	KK2M	EA2AFV	K4YJ
	JR2PZX	KV4T	HB9DVO	KK1W
214	KD4SN	M0IKW	JE2EBT	LA9GX
EA5AR	KD8RQE	N9AKR	JH1OBS	PY2GG
F4GVO	KE4UW	OE1JIS	JJ6DGP	RT5A
I5XFD	PY2WC	ON4ANN	JR0QFA	W6AEA
JN7DOS			JS6TWW	W9IL

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HB9AGO	WQ5R	ZS2Y	JA2ITK	WA5IPS
HB9IIO	XE1H		JH8KFE	WB4DNL
IZ8EKL		193	JJ2UDK	WZ4RC
JA0KJD	196	7L4VYK	K7UT	
JA3EY	AD8P*	AE4CW	K8ZT/QRP	185
JE2KSM	AG5W	DH3KM	KD0AA	G1VDP
K2TER	CT3CD	I1YDT	N3AIU	K0KP
N1IA	G7SSE	IZ5MOQ	SM7GIB	K3PP
N4TD	I7LGM	JA0AXV	W9ROG	KE5BR
N7ELL	I8YAV	JA1QIW	WB4GLI	N4HN
N9PGG	JA1XRA	KB2FCV	ZS1DX	UN7BK
PY3VB	JH1OGT	KM1C		VA7ZT
VK6LC	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	KU8X	HP2NG
MU0GSY	195	KE0A	KY5I	IK0HBN
N2RR	CT1ELF	KJ4UZU	RM3DA	IK0WRB
PB9FN	IZ5FSA	KJ4YLO	RN3CT	IT9ODQ
V51YJ	JA2NDQ	N4XYZ	SM4BZH	JH1FVE
W6JZ	JA7QQQ	N9JR	W6DPD	K3JM
W9RXJ	JL3OUW	UR3EO	XE1FAS	K3NF
	K4KEW	VA2IG		K5RKS
198	KE4S	WY1G	188	KZ1W
DJ0MCH	N3XM	YB1TQL	EA7AN	M0HIH
IV3BSF	OH6NIO		JA0GCI	NW7M
JR1IZM	SQ7FPH	191	JK1AJX	SM2EJE
K0GW	UR5FEO	AA4NC	JP1GUW	UN7BY
KA1J	W3SB	DG5LAC	JR0AMD	UT7KF
KC6JAM	W6KK	DL4FAP	K1JD	W6BK
N4FN	W9LN	HA5CW	K2DC	W7IUO
N6ZN		K1RI	PY2RN	WB2HJV
RA3BL	194	K8QKY	WV4V	WB3BFC
W6SHY	A65BD	KO6KD		WB5STU
WA2VQV	HB9ESS	N4DWK	187	YB1RUS
YL2TW	HB9VAB	N7MQ	IK8GJR	
YV5LI	IT9AAI	OZ7DN	JH7NTW	183
	IT9AAI	VR2CH	W5ZE	JA2KSP
197	JH1OCC	W5LO	W8UQ	JE4CIL
4X4MF	JH8UQJ	WF1H		K3SF
BA4TB	K1LT	WI8R	186	K6LRN
EA1DLU	KP3AH		AA4LR	LU4FW
IV3AVQ	KR8T	190	G4XEE	NA2U
IW9DNI	NJ3K	AA4U	JA2MNB	W3ML
JJ2WOC	NJ7G	AC4VM	K5QX	YB2TS
K8SIA	SP6EY	BV1EK	KC6X	
KI4WCQ	W4DC	DJ9KV	KK0DX	182
NG7M	W5UHQ	EC7B	N6MXU	I5FLN
W1FA	W5VQ	G3WW	N6VNI	I8LWL
W4DAO	W7PAQ	HL4CCM	NU4B	JA7FAS
	WA1NXC		W4WN	

JG1JPE	N4MIK	W0PE	SM0EUI	NX4TT
J11CQA	NY1V	W4AEJ	WY7FD	OZ3SM
K7LAZ	SP5ELW	W4LEW		VE1OP
KG4JSZ	W0ZS	W7WZ	172	VE2YG
KK8MM	W4CCS	W9WO	EI1DG	W0OGH
KL7TC	W4TUN	WA3GNW	G3SBP	WA4USA
LA5LT			JA7DPC	
N8NA	178	175	JA7FVA	169
N8NB	EA8AXT	AG5CN	K5TA	DM3CW
ND3L	G4DDL	JA0LFV	KC2SST	JE1PHH
ON6KE	I4UUL	JH6RTO	LZ1XL	K3VAR
VK5GR	IW0BYL	JO3WHB	N2ZA	K4WY
VU3CAU	JA3UNA	KD4POJ	N3AO	K5CD
W6SFK	J11WLL	KF6HI	OH2LHE	K9OT
WV2I	K0NV	LZ2ZG	SP5ES	KF9AF
WV8DX	K1ZE	N7NG	WC0W	K12D
	K4GO	NS3L	YB4IR	N5MT
181	KR2Q	NW7US		RD3BD
IZ4AIB	KU1T	UA1OM	171	SM7WVZ
JH1FNU	VU2LBW	UA9AGX	AD3C	SV1IZY
KY6R	W7HUY	XE1R	CT2GZE	W0AIH*
N6NU	WB6AXD	YB0DJ	DL5MM	W7IAN*
N6VS			F9CI	W7VAS
N8HRZ	177	174	IK3GBG	WA4NUF
NV4A	4X6UU	AG7N	JM1SZY	
SV8CKM	IU0ICA	DF8FT	JS6QOM	168
UA9AEU	JA3EEM	DL5KUA	K2MK	A92IO
VU2IBI	JE4RAL	JK7LXU	K2TV	AA5N
W2OR	JF1LZQ	JR3TOE	K6ZP	AG4Q
W6TK	JG3KLF	K5CR	KB0V	EA5HM
	K0EOO	K9HQM	KC5LK	EW1P
180	K3OX	K9UQN	KP4DKE	JH1ORA
A61BK	K8YE	KZ5DX	KW9U	JP1LRT
AA4AK	KF4VTT	LA6OP	N8WRL	K1VI
JH1IZR	KP3V*	N4PYI	NA6O	K2SY
K0IL	NA6MG	N5QS	W0MU	K4KGG
K2SD	NC2Y	VU2DCC	WA4DOU	KF0RQ
K5TN	SM5CBM	W5WI	WA5KBH	KM4VI
K8SL	VK2AAH	WA4BIM	WI7P	LU8ADX
NA5S	W0IKD	WB0N		LX1CW
NZ5O	W1AO	WQ5T	170	N4ST
VK2HV	W1OP		4X6KJ	N6MB
VR2XYL	W4KVS	173	DL2JIM	OE1ALW
W1LE	YB1TJ	AB6CF	EI5KO	PP7LL
W4DSM		AI9U	EI6AL	R4FAN
W5SUM	176	HB9FBG	JA1BON	VE3YXO
	DL6NW	HB9HVG	JA1GVT	WX0Z
179	IK0CHU	K5ZQ	JQ1YIW	
AF6PK	JA1ERB	K6UNE	K1ZJA	167
DL5MHQ	JR1FHP	K7PT	K6JJ	JA3AVO
K1RH	K5DCW	K8JE	K7CU	JA8BOV
K4WZ	KK7YC	LA9VBA	LA2GH	KB8NTY
KE5TD	KT8D	N7HN	N4VN	KE3X
KJ6NZ	N1JP	N9DR	N5PA	KH6XT
KZ2R	N2MEE	NN5E	N6EM	KN7D
N3KV	OZ9XU	NX2X	N8VV	N1ZJ
N3ME*	VE1VOX	OV5O	NK7C	N7VPN

PY2SEX	S50B	N9LEO	158	ZL3RJ
WA0SXV	W6SIY	NA6XX	9J2BS	155
WA5NFC	WA5CMI*	OK2ZDL	G4SGX	DK3QM
WB8BZK	XE1YD	SM3PHM	HK3PJ	IV3TDM
166	163	W5BK	IK3DVY	JR3ADB
AL7R	AA4OC	W5RDW	JH3EQP	K2DF
DL1SVA	AA8KY	W6DOE	JJ1KXB	K4EZY
HL4XM	AI4QQ	W9GG	K3DFL	KL0S
JE3PCP	DS4NPL	YB2DX	K4HQB	KQ4EE
JJ1BDX	EA1AZ	160	K8GWU	M0IFT
JR6GHN	F4CPF	AC0DQ	KB2XJ	N7WS
KN4FO	HA5BSW	E70T	KF7NN	NO9E
KR4BD	IU8IYE	EA1WH	KJ7NO	OE1HHB
LA7EIA	JR6LDE	F4WDL	N4XXM	TF3JB
SV2CLJ	K0ABC	HL1VAU	W2CG	UT7EC
W4PGC	K0CF	JA1ITJ	W8LIG	W5SV
W8SAX	K4GN	JA1UOA	WB2RAJ	YB1AYO
WA1ZIC	K4MV	JA7JM	WT2P	
WB3JFS	KE1B	JR1CAD	157	154
YO3AIS	KW4MM	K5VR	7N3IJT	AJ8B
ZS6IR	LA1CO	K7LY	AA3AZ	DS5WQT
165	N0AMI	KC9K	E20YLM	JA0GZZ
AG6HE	N7KDT	KF2OG	EA3HDZ	JA4HXF
CU3HN	R3IS	KM4NS	EI2JD	JA8ANQ
IK0XIH	SM7CZL	N0IW	JA3MHA	JH1AQN
JE4WOK	VA2LC	N4MEC	JA4FKO	JH7WQX
JF1KML	W1OK	N5WA	JM1ESG	JK1BIB
JK1DDG	W1XV	N8IL	KN7Y	JL1GYZ
K2AX	W8MIL	NI5F	KW1DX	JR3QHQ
K3VPZ	YO3DDZ	SV1XV	N4MI	N7JB
KG4CUY	YO3IPR	W1ASB	N6MM	NE5W
LA2XPA	YO4AUL	W1TO	NP3CW	SM0BYD
N2RJ	162	W9FF	PY1NS	W4CIR
N3KS	BH4IGO	W9NIO*	W4NBS	W6FL
N6DHZ	DF2UA	ZS6RJ	WD8KND	W8TM
RA0BA	DJ7JC	159	156	WA9MAG
SP7QHR	DS3EXX	EA1P	DK8IZ	WN7J
VK3TC	EA2AGV	F4DSE	EA3HPX	153
WB2WPM	HS8KAY	IK0WMJ	F1RAF	HB9BEM
WB9PNU	JR4CZM	JA0ED	G4AYU	JA3UOQ
164	KA1API	JA3PRM	GM0VRP	JR7MAZ
AC4BT	N4BAF	JK1EBA	GM3WIL	K0COM
CT3DL	WA7BNG	JK1JAS	JA2ODB	K0LB
DL7JRD	161	K0IO	JA9RT	K3HW
EI6IZ	AE4M	KB7AK	JH2AJY	K4OY
IZ0GVZ	HL3ERJ	LA4JGA	K1ROA	K8ROK
JJ1JMZ	JP7FSO	LA8ZAA	KA9OKH	K9MMS
K6CF	K1BZ	N1MD	KC4HN	K9YZ
K6GFJ	K2CYS	NE5S	N4QM	KK4XL
KD8MQY	K2OP	OT1A	N7GCO	N0VVV
LB7ZG	K4AR	VA3NXM	N7RD	N2ZZ
N2XQM	KD1AB	W1EBM	W1MR	N7NW
NA2P	KM4A	WD5BJT	W5JMW	N7WI
PT7DX	N7QT	XE1MW	WA6QGH	NC7B
		ZS6C*	WB4YDL	OH3FVP

SP5NON	DK3FB	N0TK	145	W7VS
W4DTA	HB9EBM	N3ND	5T5PA	142
W8VK	HB9MYX	N9ATF	AA5TL	AK9B
WB4SON	IT9ABN	NG9J	AL7TC	DL8DWL
152	IT9IPQ	NJ6K	EA4S	JA0MRW
5P5Q	IZ2MHT	TF3Y	IW1PUR	JA1PUK
AC6BW	JA6SUY	VE6TL	JH1CTV	JH6PFY
BX5AA	JA7GZM	W4AG	K5FXB	J11UHZ
DF2WF	JG1GJH	W9MAK	K8WHA	K0SRL
DU1KT	JG3RWX	XE2YWH	KQ5M	K3GT
G4AFJ	K1QN	147	KS0M	K6TAR
IK5BSC	K5HK	AB9KZ	N6KK	KA6BIM
JG2LGM	K9RT	EI3CTB	N8TFD	LA1J
K2EK	KI7M	F6KOP	PT2ADM	NF7D
K4RDU	N6JOJ	G3VQO	W2RS*	NN9X
KD2OV	N9IO	IS0/YO3RA	W7NP	RL3BZ
KE9S	ON6ZV	JJ0LZQ	WB9B	YO8CRU
KW4J	VR2MY	JK1OTP	WR7Q	141
ON4LG	W3KB	JL6USD	144	7K3QPL
R9JX	W4NE	K0PC	AD0TR	9H1AE
W6RFF	W8QXR	K3GGN	DL6DCD	AB4GE
W8FN	ZS1C	K4NTO	G4FTC	AC9S
WA6EZV	149	K5UZ	GM0VIT	EI3ISB
WA9IVH	7N2JZT	KB7QFE	JL3DGI	HB9EXQ
YV4DYJ	DS4DRE	KB9LIE	K1TKL	IZ0FUW
151	ER0FEO	N8JS	K4SAF	IZ3XEF
AA4UC	JA7MAD	SV8RX	K8OS	JR3PKO
AB2E	JS6SCC	W0QC	N5UE	K1XE
DF1IR	K2KIB	W3NRJ	NZ0O	K2HT
DL4KUG	K8SMC*	W9GM	RN0C	K2JK
JA2BUR	K9EXY	146	UY2UZ	K9AAN
JH2NWP	KM2E	AE5B	WB9W	K9AQ
K4DET	KP4DS	G3LAS*	143	KA5VFU
K7LAY	N0LGU*	HB9HHH	AA4MM	KC1ERO
K9AAA	N0STL	HP3TA	AF3X	N1BCL*
KE4BKL	NE0U	JA3KWZ	EA4D	W1NA
KE8G	NO0B	JH1BHW	HB9AAA	W6HDG
KK4CLY	OZ1HPS	K6NR	JA1MOD	WK8A
LZ2XF	PY8WW	K8ARY	JE3FOR	WK9U
N4AA*	RT0F	K8POM	JR7ILA	140
N7MB	UA9MC	KB9AIT	K7QBO	AD9DX
NU4I	WA1EHK	KD3HN	K9BQL	EI6JK
SM0NUE	148	KM2O	KE4FW	EI7GY
VA3EJN	4F3BZ	N6RK	KG6D	EI7JZ
VA3HP	A71AM	SM3DXC	KJ4R	EW4C
W3HER	J68HZ	VU2NXM	KM4HQE	HB9GWJ
W5WLA	JA4GXS	WA2MUA	KN7K	JG1RYQ
W6WA	JF2AIJ	WA3SKQ	LB2TG	K0UBR
WA9JWL	JI3BFC	WA5NOM	N2YBB	K6EV
WC2C	K5EWS	WW8RT	N4UP	K7VC
WF8R	K5LY	XE2B	N7ZA	LA8PDA
150	K8ZZU	YB1BML	OH3PYY	LZ2HM
4O3A	KA3GWD	YO2DFA	TF4M	NH6L
DK3BK	KL7TS	ZS6UT	TG9AJR	NZ9Z*
	LZ1MDU		W4UFO	

W3DIY	HL1MKT	HZ1GW	VU2ABS	130
W5VU	JA4DNC	JA1DCK	W1GY	AA4QE
W9BS	JF2RSF	JA3MIO	W1ITU	CT1HHP
WB1ASL	JF3VEC	JA7MWC	W3MF	DL1SWN
WB8EKG	JH1SBE	JH1SOD	W9SE	I4JEE
WW6G	JQ1PCX	JJ1HLL	WB9ZNZ	IK1ZNM
YB3MM	K0KV	JL2ULM	YB4CHP	JA2LMY
139	K2CDJ	K4OP		JH3PRR
AA4DD	K2RKJ	K5VG	132	JL4BSE
F5VML	K4AU	S53MJ	AK3E	K0BX*
HB9ARK	K6EGF	TA1PB	AK6I	K2MHE
HB9DTE	K6IRA	W7QHE	I8NLC	KF5WCP
HL4CBX	K8MRT	WB3AVD	IW5EIJ	KN4JX
JE3OUW	KP4N	WB6FWS	IZ0COI	N2YF
K0QB	N2KI	WB9IWN	K4BNF	N7TM
K4TXJ	N4KM	WO5I	K4WM	NS4F
K9QJ	N7VZ	134	KG8OU	NU4Y
K9TRV	N9NFT	AB0RX	KI7HO	OZ6TL
KX4I	NU1T	AB1J	KK5ID	RC3FL
N0CKC	PY2CP	DL4ZAB	KX5U	W1MO
N2SG	SM5CSS	EA6AZ	M3DFW	W6UC
N5FEE	SP3EPG	IZ8DEO	N3TR	W9CTJ
N7NF	TA1AL	JA6GXP	N4EDT	WB8RFB
R9MJ	W2GGY	JR0GXA	N4QOG	YB2IQ
WB8QZM	W2NY	K3KY	N5RN	YO8PS
ZL3TE	W4UEF	K7FL	NN3V	
	W5GOL	K7YZO	OZ3SK*	129
138	W9CSX	K9SUH	SM7DXQ	AD6KQ
DL5KUT	W9MR	KA9JCP	TF5B	AE7U
DL5ZB	WA0WOF	KD2SC	UW7UA	JA0AVS
G0FWX	WG0G	KN4OK	VU3WEW	JA1PLT
HB9DVZ	WS1F	LB5GI	W3KHZ	JA2ACI
JA0CVC	136	N6XT	W4MC	JA3WMS
JA1PVX	CT1ESO	NJ1Q	W5FL	JH1RFM
JA1VRY	EA5KA	SM3WMU	WA1HXH	JN1SUT
JJ1OKK	IS0EBO	VA3OKG	ZS1EL	K5SES
K2JL	K7STO	W4UAT	131	K7ORK
K2RET	K8CQ*	W5AAJ	7L2QAD	KB4KBS
K2YSY	K9UO	WB1DX	DM6MA	KF9LI
K3GW	NT5EE	133	EI5GM	KJ2U
K9UWY	ON5GF	7J1ABD	GM4KHE	KO4PRE
KC9G	TF3VS	DL8OH	IK1UGX	N8BK
KF6A	VE3FRR	GM1BSG	JE4KCN	N9AVC
KU9S	W0ANZ	HB0WR	JK1NPH	NN2D
N3PV	W4GH	HK4EB	K2WJ	PY3OG
N9XX	W4PGM	JE1COB	KA5IAU	SM2YIP
OD5YA	W4PV	JM1JIV	KB1HY	VK5CE
PV8ABC	W7SX	K9JDP	NM1G	W4MA
W0UHL	W8OM	KG6WIK	NN6K	W7TG
WA5POK	135	KI4TZ	OE3JAG	XE1ILI
WA8LRW	AB4FH	LA2IR	PT2ND	128
137	AC7JM	LA9KY	W4EJG	A71XX
DL2RD	AK5Q	N1BKB	W5EC	DL9SAD
EA7LS	EI2HY	N1QY	W6OUL	EA1AHA
G3PSM	G0THF	OH7HM		EI3IO
				EI5JL

HL2DBP	GM7NZI	EI8IQ	122	OZ6EI
JH1AWJ	IK4TVP	G4RGK	AA0BH	TA1L
JN4FNZ	JA5CDL	IT9YOZ	AA5B	UA0FDX
K6OJ	JA5XPD	IZ1UKF	AB5YI	W0DD
K7PTC	K5KDX	IZ5BYJ	DB4RG	W2ARP
K9YKL	K6CW	JG3KMT	F4GTB	W3/NH7C
N0JR	K7PO	JH1XFR	G0HSA	W3JXP
PU4MMZ	K7YMG	JM1LPN	HC1HN	W4CC
R3BB	K8GT	K0RAR	JA9ALR	W4KCM
UR9IDX	K9QA	K3SUI	JR1HYA	W5UQ
V31CQ	KC5RR	K6VVK	K0HQW	W7PC
W0QD	KK4CB	K7HC	K0MD	W9MB
W5MF	N5HC	K9ARZ	K4VAC	WA7HQD
W6IS	N8YQX	KB8DID	KA5SYP	WB7BBQ
W8BI	NX8Y	KC4AA	KB4ET	WQ8T
W8WV	OH3DP	KD9ZR	KN9N	WT3Q
WA4UWD	OH4KRN	KS4WA	N1ZZ	WU9D
WC4V	PY2OP	N0YO	N6VH	
WP4CQ	VE3TMG	N1HO	N7UJJ	120
WQ1H	VR2VGM	N9BVA	N9ATD	AA2T
ZS6AKU	W2KNG	NT4K	SV7CUD	AC4TO
	W8VI	W6ELI	UT9LC	AE5LK
127	W9COS	W6ND	VE3FAC	A12S
7Z1HL	WA2BOT	WW5L	W0JMP	CT7ABD
AG4TO	XE3E	ZL3REX	W1ES	CU2CE
DJ5DT			W1HEO	DS3DNT
DL9GTB	125	123	W1KKG	DS5QLJ
G8BCG	AC4XO	AE5FM	W5HNC	F5AQB
HK6K	DM5JBN	DJ6OZ	W6HB	IK8IPL
I2YPY	EI8GS	DS4DBF	WA5YOM	IT9JPS
IK2ULM	G0OSK	G6NHU	WA9DU	JA0JPD
JA0BES	G4EHT	IK0XKP	XE2MX	JA1DCO
JE2VYM	IK8PGE	IZ8LMA		JH5OTE
JG1LRE	JH8FIH	JA0PZJ	121	JJ1XVA
JH1HRJ	JP1GVC	JA1GLE	AD5MD	K9CHP
JI1MNT	K5NOF	JA2HOL	DD0VE	KC9WPS
K0ARM	K8YAH*	JH1RVQ	EA3NG	KD5R
K3WGR	KC2STA	K2JGL	HA2EQD	KJ6Y
K7LFY	KK5J	K6LPO	IK6BMU	LU3XX
K9BO	N5ZC	KD4EE	JA1CPN	N1TQP
KB8KIM	NA7RH	KI0HA	JA1EYN	N3DV
KF3N	NN6CH	KM4CQG	JA1WTO	N3GS
LA2LI	SM5AFU	KO8SCA	J15WDC	N4PGL*
N0AB	VK2DAG	LX2SM	K0YL	N4UFP
N3GTG	W0XE	N6DVR	K1EDG	N8IK
N4GBK	W4AO	N8AYY	K1LTJ	NR2D
NA1RL	W5CWQ	N9RE	K3CWF	PP2FN
ON5EQ	W6PG	NT9F	K3HPA	VE3QAA
VE3EDY	W9EBO	OH3TY	KB3IFH	VR2ZXP
VU2MSA	WA4TMJ	ON6YH	KG5NP	VU3RGB
W0MF	WM4AA	PY2ADR	KK4ODQ	W1RG
WB2KSP	WR2G	SP9IZV	KU2A	W5RYA
		VE3VHH	N3ER	W6GJB
126	124	W2WGK	N5ZY	WT5L
CU7AJ	AA5H	W4UT	N7TW	YB0AZ
EI4HH	DJ3EJ	WB8TGY	NA2R	ZS6NK
G3XLF	EC4KW	YB9WZJ	NY4G	

119	K9LCR	JA1UBZ	G0UII	W3WN
AA4FU	KB2S	JH8LEY	G4NAQ	W4AFB
F5BAR	KB5CSQ	JJ2VLY	G4YCS	W4LLP
HL2MHU	KO4PY	JM1JZN	HB9GZE	WD8LTM
JA6JYM	KP4ED	K8CR	IU8GNY	WJ1B
K4RM	KZ1X	K8RCT	JA2CPD	WN1M
K7LOL	N8AGU	KB4CRT	JA4CSJ	ZL3PAH
K8EB	VE7NY	KB7V	JH1GNU	
LU9DO	W3DQS	KG4URP	K1JKR	111
N8LCU	W3LWH	MM1PTT	K2KNB	EI9CN
SV1BYI	W4ARK	N0TR	K4JDJ	F8DZY
SV2KF	W4DWS	N7PIB	K4JLD	G4ZWY
W1ZK	W4PG	NA4MM	K4TR	IZ0CKJ
W5IO	WA7HR	NE1RD	KB2TGU	JA4DLF
W6ZPL	WB9WHQ	NI4Y	KC0V	JA5EEU
W8EOG	YO6HOY	NW6V	KG2U	JE1TNL
W8PAT		OE5MPL	KG4OJT	JH3LCU
ZL2AO	116	W3HKK	LU3JVO	K2KYH
	AA0FT	W4BH	NA9L	K8ZEE
118	AB4BJ	W4OV	NS4X	K9JIG
6K5AQY	EA5GXI	W5WS	S52R	KM5VI
AE1T	EI4BZ	W7FI	SV2DSJ	KM8AM
DJ9KM	G8GHD	WS4H	VA3AYA	N0ATQ
IZ0RPS	IZ2CSX	114	VK7ZE	N1BZ
IZ1JIZ	JT1CO	G3CWW	W3JM	NT5O
JA6CMQ	K2GLS	HC1HC	W6BBS	PT7CB
JM1CMA	K4LCP	I0BJV	W7CD	TA2RC
K0PX	K8JRK	IZ8EYN	112	W2FDM
K9KJS	K8MN	JA1CPU	3C3CA	W5GCX
KA5JSM	K9GWH	JA8EIA	7Z1CQ	W7WT
KB3KJ	KB8ZUN	JE6PJP	DS3EXT	W8LR
KD3UY	KC1RET	JG4OOU	G0DTX	WB2UFF
KD9BIE	KD5RBU	JL3RNZ	G3YFE	WB8PKK
KG5VK	N0UCR	K3PL	GM0SCA	WU4B
KX6C	N1GFV	KB1W	IK4EWN	110
LZ1XZ	N2ZL	KD2NF	IS0BQE	AC0B
N2ADE*	N4KEB	KI8AE	JA4RED	AF8C
N3HYB	OE6CLD	N1AH	JF2OHQ	AG5Z
N4ZY*	RW6MBC	N3DD	JF3AHI	CT7ANG
N8KUS	SM1NJC	NA1DX	JH0LME	DK4MX
VR2CC	VK6OZ	NG8T	K0XM	EA1BLA
WA8RCK	VR2IL	NK5K	K4HEB	EI9HX
WB5TOI	VY2RU	W0QKL	K4ZMV	G4VWI
ZS2I	W3IZ	W2ZK	K7RAN	HG6IA
	W3MRL	WD0AJG	K9KDS	IZ1EPM
117	W7KKC	WN0L	KH6P	JF3KOA
AD7L	W7QC*	XE1EE	KK7BR	JH1FRW
CE3FZ	WA4VJK	YB2BNN	KS0JD	JR2PAU
DL2VWR	WX3P	ZS4JAN	KY6AA	JR4DHK
F8EZE	115		N1GNB	K3MSB
IS0BZR	AA9WO	113	N8AID	K4KAL
IZ7QFN	A15EG	AC9GK	NK7Z	K4RP
JA6SQR	E74A	AK0A	NQ4A	K5GZR
JM3GXU	HL4RBR	EA5DPL	S51DV	K6DJ
JR1KBJ	IW2FLB	F5EOT	W1FC	K6SLO
K0FF	JA0NPQ	F8GB	W1HQ	K9TVG
K4AEH				

KC3AK	DL1TPY	KC2THY	PT2DF	PV8RR
KV3W	DL2AMD	KF2G	PY2OC	VU2DED
N4NYY	DL2NAI	KJ4FZ	UA0ABB	W1PY
NG0G	DM5TI	KS8W	VE3BHZ	WD4OHD
TF8GX	DU1IVT	LU5OM	VE3XK	WK3A
W1ZZ	E70X	N0MHL	VU2MB	WZ9B
W5JE	EA5XV	N7TP	W0BM	YU1LD
W6TCP	G5CL	N9AZZ	W0LGQ	YV4EH
W7YED	G6MXL	NC6RJ	W0TLX	
W8TE	IK1RKN	NI8Z	W1USN	104
YB1SKR	JA2DCN	PP5VA	W4/KL7GLL	7N4OBV
YO5QAW	JE2DOD	RM6LW	W7GB	AA2WC
ZS5LEE	JH1OVY	SV3EXP	WA3IIA	AA6XV
	K3DQB	TA1CQ	WA8Y	CT3DZ
109	K3XO	UX5XK	WS7I	EA4EJP
AA4RX	K4GHS	V31MD		EI3HA
AC8TO	K8LBT	W5HY	105	F6ARS
AF3K	KC8YG	W8JA	AA2F	FM5FJ
DL9QJ	KE3ZT	WB2MKX	AI1W	G0DRM
F8DHE	KI4SFT	WM4W	AJ6V	GW0ANA
G0MMI	KN4WOJ	WU1U	AP2IA	HA5DI
JA5GOJ	KO4XI	ZP6CW	DL2DCX	HB9BMY
JH4GNE	KW1X		DL9GTK	JA0NZR
JI1ZS	LU2AH	106	E29TGW	JA1CC
K0FD	N2IFA	AB1NS	F5VIF	JA1DHY
K2OO	N3YZ	AB6WQ	G3LOJ	JA1RBY
K6JAD	N5FPW	AC5AA	HL4GHT	JI4HKA
K9JE*	N5TW	AC7DX	JA1JYS	JQ2MPJ
KB7DT	NZ6N	AC8IL	JA1SZN	K1TWF
M0AQM	TF3MH	DS2GOO	JE6UWU	K2CQW
M0MCV	VE7VV	EA3AGY	JH1IY	K4WW
N4LS	W4DVG	EW4DX	JI1DMH	K5JUC
N6RVI	W6CN	F6FHZ	JJ2BLV	K7UW
NN8L	WB1S	G0OJG	JK1AKA	K8CJY
NW6R	WB5ZAM	G0RPM	K0MB	K8WVA
NX1P	WC4B	G3LPS	K1EO	KE4YOG
NZ3M	WF7T	HI7SB	K1ETA	KJ2AM
NZ7Q		JA3AOP	K2GW	N1FOJ
PF7M	107	JA5IBP	K5NV	N2TC
PV8DX	AB7RW	JF7NNI	K5WE	N3PW
SP7ASZ	BG8PA	JG1XBM	K6GCN	N4LSJ
T88UW	DJ5FZ	JJ1IRS	K6ME	N4PAJ
TA1UT	DK2GP	JO4JDU	K7CMZ	N4ZR
W3ATV	E73D	K5TU	K7CTV	N8TEM
W3GP	EA2BFM	K6VWE	K8FB	N8WXQ
W4JDS	EI5GSB	KA9TOX	K9DUR	NA8W
W5SG	G4NBS	KI4NSP	KK4MA	OM6CI
W7CB	IC8XIL	KM8V	KR0P	OZ9U
W8MSP*	JE1CTA	KR4U	LA9JKA	PA0QRB
W8PE	K1FUG	KT5V	LZ1JZ	PY2YW
WT9U	K2FJ	M0PCB	N0SL	RV4LC
WW5RC	K2ZD	N4DJT	N1TQ	VK3MB
	K3GO	N6UOZ	N9APK	W0VU
108	K4LQ	N7MW	N9IXD	W9GXR
7M4CLF	K6DLB	NG4C	NC1M	WB7QXU
AC8MR	KA4LBD	NI7F	NK7L	WX0B
DB9CR	KB0EL	NS7K	OH6IH	YB1BUL

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ZS6HON	N4IR	K8PGJ	AE4VJ	KI0G
103	N5JED	K9GL	AK1P	KI3O
AF8P	N8KOJ	K9MQ	AK4AO	KI4PG
DS5JMG	NA4D	KB5YN	DB6VH	KJ4SKO
EA2RY	NN5O	KC3OPI	DC1TK	KJ8N
EI9GLB	R9GM	KE9UA	DK1MCS	KK6MF
FM4LV	S51MA	KJ5RC	DK7GH	KL7XO
JF1KIG	SM0XG	KK6VGE	DL3ANK	KR4Q
JI1FXS	US8ZAL	KU4A	DL5JH	KV8P
K0BRO	VK2GR	LA2XNA	DS4GQR	KZ4EX
K0OOK	VK7AP	LA3ANA	EA5PS	N0OK
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K4NI	W7HJ	N4PF	EW4A	N2YU
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K6XJ	WB4PWZ	NZ1I	G8GNI	N5LJL
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KA7CVJ	WB8LEM	PA3AIN	IK7NXU	N7WFK
KL7NW	WD6T	R2ARR	IZ4IRO	N7WR
KQ6K	WD9IOK	RZ6MJ	JA1IHD	N8HM
M0UPL	WF4W	SM0BSO	JA2KGQ	N8URE
NB3R	WL7OU	SV2BXA	JE7KCI	N9MKC
NI5G	WN9A	SV4FFL	JG3LDD	ND0B
RX3BP	XE1SAX	TF1A	JG5VFK	NE3K
VE7XT	YB0EIN	TG9AKH	JR4VEV	NM4SH
W4CU	YB9AY	UA4PK	K1HC	NX6D
W5IP	YO6BHN	VA2GA	K1JX	OM2AGN
W7JET	ZS2ACP	VK4BUI	K1PTF	OR4K
W8EH	101	VU2OT	K2UF	OV2B
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YB1ALL	C31MF	W2PD	K3RRR	PY5VC
ZL1IM	DD9WG	W3RMS	K4GM	R2AB
102	DL3XAC	W3SW	K4QS	UR8IDX
4X1VF	EA4UV	W4PM	K5LLA	VA2EU
5W1SA	EA8TZ	W6OU	K5MMH	VE1JF
AC0XY	F4FLF	WB5KSD	K5PSN	VE3KKB
DB2WD	G3VDB	WD4IXD	K5VSD	VR2PX
EA6UE	G4GEE	WM5H	K7VL	VU2OY
HB9MZI	G4GEE	WU6K	K9EA	W0PPA
IZ7QSS	HB9PUE	WX7B	KA2F	W0RMS
JH1IHG	IK2HLM	YB8HZ	KA4H	W1HS
JH1MYJ	JA1KZP	YO2OXD	KA9JAC	W3BNN
K1AJ	JA2KPW	100	KB6IGK	W4CG
K1MDA	JA5ALE	2E0XAR	KC2NJ	W4YR
K2CJ	JA5JUG	9M8DEN	KD0KZE	W5PD
K2DH	JK3NSD	A41ZZ	KD1DT	W5YKU
K2DW	K1RE	A71EM	KE1IU	W6KF
K4HR	K3AXB	AA7UN	KE7BMG	W6OZI
KB1AWM	K3LA	AB2NI	KE8NOA	W9KM
N2CJN	K5HX	AC0DH	KF5MDZ	W9ZT
	K5WRE	AC9DX	KF5TL	WA2ALY
	K7BWC		KF8PD	WA2VJL

WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB4MM
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
XE2AD
YB6LAY
YE1AR
ZS6CR