

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 27 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 K1ST W2YC W3LPL W9IXX	JA5AQC K4XO K4XP N4XM N8DJX OE6IMD SM5AQD SP2FAX SP3EPK UA6A W4PK WD5COV	JA2FBY JA4DLP K0IEA K1OA N2LT UA4HBW W5BPT W9RPM
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC NN4T OH2BU OZ3PZ	336 AA6YQ G4BWP JA1WPX JA2JPA K2FF K4HGX K5RK N3XX PE5T VE3XN W0BV W2LO	333 EA6SX F6AOJ F6EXV G3XTT JA2KVD JA5MHD JQ3DUE JR3IIR K3UA K6YRA N4AH PY2BW PY2SP R7LV SM5CEU SM6CVX W1YY WB9Z	331 DJ9HX EY8MM F6DAY HB9BGV IK8HJC JA1HGY K4MWB LZ2DF N5ZM NJ6P PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ WB6RSE
346 N1DG SM3EVR W9ZR	340 AA1V DJ9KG EA8AK JA4DND JH4IFF K4UTE N0AT PA3FQA SP5CJQ VE3EJ	335 AG9S G0JHC JA1BK JA4LKB JA5AUC JH4UYB K8SIX N0XA N5UR OK3GU SP8AJK W0MHK WK3N		
345 HA0DU OH1XX				
344 JA2VPO K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	339 CT1EEB IK1GPG JA1UQP N4CH N8DX SM3GSK			
343 K3FN K4MQG N4MM VA3DX W3UR	338 JA5EXW K9NU PY4OY SM3NRY W1DIG W7UT	334 DJ9ZB EA4KD JA0EOK	332 AA1QD DF3GY DF4PL DJ8NK EA5RM GM3YTS I4AVG JA0UUA	330 DJ2YA DL1AMQ F6BKI HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH K3WC KD5M N4JF N8JV

N9IW	CT1APE	I5NPH	AD5A	PA3EWP
NR1R	DK5WL	JA2DPC	G4CCZ	R5AJ
OE3GCU	DL2OE	JF7XKY	HB9BIN	SV1FJA
OK1MP	HB9AMO	JH8RZJ	JA0GJJ	UA3AP
SP3E	IK4BHO	K5KC	JA2BDR	W3KX
VE3FF	JH1TWT	N8BM	JA3AZD	W5WT
YO5BRZ	JJ8DGO	OE8HIK	JE2LUN	
YU1FW	N6JV	R3OK	JH1IFS	318
	PY2YP	SM6CCO	JH3VNC	A45XR
329	SM2GCQ	SM6CMU	JH4ADV	AA4HP
AA7A	SM5CZQ	W9OL	JJ2KXK	DJ4AX
EI7BA	SP6M	WB4TDH	JJ3PRT	DL6KR
HB9BZA	SV1RK		JR3OEH	EA1YO
I4MKN	W2IRT	323	K2UO	G4PWA
IK5HHA	W5XX	EA3GP	K2VV	HB0CC
IK6DLK		JA9APS	K6FG	K2TE
IT9DAA	326	JE1SYN	N3NT	K4IQJ
IV3JVJ	I4EWH	JF1KKV	NK1K	K5BG
JA2JW	JA7MSQ	JH2FXK	OE6MDF	K5DU
JA7KY	JF1WPB	JR3GWZ	OE8RT	K9IR
JE2URF	K8PT	KF0QR	SM6DHU	K9YY
K0EU	LU2NI	N5TY	UT7UJ	KX4R
K1HTV	N7RT	OH2BLD	W8GC	LA2PA
K4ZYU	RA3CQ	SM4DHF	W8OI	PY5EW
LA5IIA	RU3FM	VE2TZT		R3VA
N5AW	RZ3AM	W3LL	320	RA7A
NI0G	SP5DIR	W3NO	DF2RG	VE3LYC
NO8D	W8DCH		F5PAC	W4FC
OZ1CTK	YO9HP	322	G3TXF	
R4GM		CT1BH	I2EOW	317
SP7GAQ	325	EA5BY	IK5PWQ	EA2IA
SP8NR	CT1IUA	G0DQS	JA3PIS	IK2YCW
W0DJC	EU7A	HB9DHK	K1LD	IK8YTA
WA1JMP	IZ0AEG	IK4GME	KV7K	JO7WXN
	JA1SJV	JA4FKX	N4II	K2RW
328	JA2FJP	JF3KON	N5XZ	K6YUI
AA1ON	JA5WIZ	JH0INP	NY0V	KA9CFD
AA5AU	JS2LHI	JJ2LPV	SM5KNV	N2BJ
DL7MAE	K0DEQ	JR2LJO	SP7VC	N4QS
G4OBK	K5EK	KU0A	UY5ZZ	RW3RN
GM3POI	K9EU	KW9A	VE3EXY	SP1MGM
IZ5EKV	OE2LCM	N1NK	W6XA	W6VX
JA6BZI	ON4IQ	N4DW	W7AO	WX4G
JH1GZE	SM4EMO	N4NX	YV1DIG	
JJ4POR	SP1S	N8RR		316
K4CN	SP9DWT	ON4CD	319	DK2NG
K4QL	SV8CS	OZ1AXG	AA4V	DL5WW
K9CT	W1ECT	R7DX	FK8CP	GM0GAV
PY5EG	W1RM	UA3AB	JA1XEC	HB9HFN
SL0ZG	W6RLL	UA4CC	JH3CUL	JA2JNA
SP6CIK	W9OP	VE1DX	JJ1DHY	JA8EAT
W4UM		W5CIA	JR7VHZ	K3WA
W5FKX	324	W5TCX	K6AM	K4HB
W5ZN	DK9KX	WI8A	K7NN	K8YTO
	DL5DSM		N4DB	KQ8M
327	EA5BM	321	N4PQX	LA7HJA
AB4IQ	I0WDX	AD1C	ON4AOI	RV3LO

SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315

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

314

CT4NH
DL6CNG
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
HK3W
JA5IU
JR1BLX
JS3CTQ
LB8DC
N8KOL
SP3CGK
W1GL
ZS6EZ

312

CT1DKS
DK1FW
EA7TV
IK2QPR
JA1ANR
JA1SYY
JA1XCZ
JA9CWJ
K1HT
N5ORT
RU3QR
WA2VYA
WB8BPU

311

F3SG
I3BUI
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JR1BAS
PY2XU
SV2DGH
UR0MC
W8HW
WD0DAN
YB5QZ

310

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

W0YG
W4BP
W7CT
WA7NB
WB0TEV

309

EA8AKN
JA1EOD
K0KX
K1AR
K8QM
K9ZO
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NN4SS
NU8Z
R9TO
RA0FF
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UA4LY
W2JU
W9RN
WD9DZV

308

DL2CHN
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JA1GRM
JA7IC
JA9TWN
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JH1NYM
JH1SJM
JL1RUC
K0GY
K4SO
K8OM
KN5O
KS1J
LA7JO
OE1WEU
R7NW
SV1CNS
VA5DX
W2QO
W9MU
WA8WV
YS1RR

307

AC4G
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HB9SLO

I5HOR
JA2XW
JA3GN
JA6WJL
JH1QAX
JJ3HGJ
K2SHZ
K3RA
K9MM
NI6T
NS6C
OZ4O
W6ENZ
W7OM

306

DL1KUR
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K2UU
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NN4R
R9FM
WB9CIF

305

A65BR
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JH7RXU
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K6KLY
KG4W
OE3SGU
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
W5XC
WA5VGI

304

DK5AD
DL5EBE
JA1IZZ
JN3SAC
K0KVR
K8AC
K8GI
KC7V

N7US
N9RS
UY5AA
W5ADD
ZL3JT

303

EA3GHZ
G3LZQ
HL3IUA
IK2RPE
IK4ADE
K5WAF
K7WP
K7ZA
K9RX
K9US
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
W7DO
WT8C
ZS1LS

302

DJ5JH
DJ9ON
EA1N
F5CQ
I1EIS
IW1ARB
IZ2AMW
JG3LGD
K9MK
KI0KB
SP2BMX
SP9JZU
W0VX
W4QN
W5AJ
WD4LBR

301

AA5AM
AE5E
F4BKV
HK4SAN
IZ1LBG
JA0DIN
JA1IOA
JA1LSP
JA2WYN
K4SE
K6RO

N9AU	297	OE5BWN	EC3A	W2NO
NQ1K	DL4CF	R5DT	I4KDJ	ZS2EZ
RN3QN	E73Y	RU6L	IZ4MJP	287
SV2AEL	HB9BOI	SV3DCX	JA1KQX	9M6YBG
US5WE	HL4CJG	293	JE1LFX	AA8LL
WB5JID	IK5RUN	AA4R	JE2EHP	HB9BAT
WE9R	JE7JDL	CU2AP	LA2QM	IV3GOW
300	JE8CLT	DL1HRN	LA5LJA	JA1WSK
AA8CH	K4MS	DL1SMA	LU3CQ	JA2ATE
DL1TRK	K6ND	EA3WD	N9FN	JE2DZC
EA1AF	K8WK	IV3YYK	PP1CZ	JE2OVG
HB9DDO	KG7H	JA2CXF	SK3PY	K0AZ
IZ5RVG	KT1J	JA3RQ	SV3AQR	N7IR
JA9AA	296	JA9GPG	UN7TW	N7RO
JK1EXO	AA8OY	JM1FHL	VU2NKS	R9SA
K3XA	EV1R	K4JAF	W2LK	RMOF
K8GG	JA1SVP	KB8VAO	W3OA	S57AT
K8TL	JA2VQF	N2LM	W4VIC	SM5ARL
K8VFX	K6FW	PY2IQ	W5VY	UN7JX
KB1JZU	K8VC	S55DX	WB9EEE	W1VT
MM0EAX	LA8PT	W9AJ	XE2CQ	W4YCH
PA3CSR	N0RB	WA4FFW	289	W7BEM
UR5EDX	PY7DJ	292	AJ6T	WA6F
W6TC	RA3QK	AI9L	DL9TJ	286
299	SM6BZV	DL5CW	IW0HQE	AB5A
CT1FMX	SV9COL	EA5AT	JA3EOP	CT3HF
DM2DXA	UA6YW	G4GIR	JA8EJO	DL2VPO
EW2A	W3RJW	G8DX	JA9FAI	EA6ET
G3SVD	W9JA	HB9TKS	JE2LPC	IK0XBX
HB9RG	295	IZ3ETU	JG0CQK	IZ8XQC
HL2IFR	AD6W	JA1JAT	JG1WSC	JA1QXC
JA7BWT	DL1DUO	K7ZD	K4XD	JA5BEN
JE1DXC	IW0SAF	LU4FPZ	KK0M	JA7LGE
K6SIK	JN1RQV	N8II	N2NL	JF2WGN
KM4H	K5VIP	R6AF	N7TY	K1GG
LA3WAA	K5ZK	SP5IWA	R0FA	K1LPS
SM6CUK	KD3CQ	W6SR	RA1QD	K1RO
UA9FAR	SP8HKT	WA3AFS	UN6T	K5PS
VE3BW	SV1GYG	291	VE3EK	LU8EKC
298	W2GG	G0EHO	W9YSX	N8SNM
5B4AHJ	W5LT	GM0AXY	YB1UUN	W3GQ
AC0A	W6XK	JH1BAM	YO2CMI	W6PJ
DL7BA	YO2RR	K3PA	288	W8AV
G5LP	294	KP2A	4Z4DX	W8AXI
HP2AT	EA6NB	LA5HE	IK0HFO	285
JA4ITW	HA9PP	N2TN	JR1DUP	4X6ZK
JL2JVX	HB9CEX	N4RWG	K0BBC	AJ9C
JR7WFC	JA1BPA	VE3CFK	KD0Q	CU2DX
K2PK	JE1GWO	W6YI	N6UK	DL2SWN
K8EUR	JG8FWH	ZS2DL	NA5C	EA3GHQ
N8TR	K5MC	290	PY2KP	HL3GOB
ND0N	K7ZV	9K2OD	UA3AGW	IW1QN
PY2VA	KZ4V	AA4A	W1EQ	IZ0RVI
ZL1BYZ	N0KV		W1YIF	IZ8DFO
			W2LE	

JA2FGL
JA2VMU
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
ON6AA
RD3AW
SM4CTI
UA0BA
W7AL

281

AD5Q
CT1FCX
EA5OX
EI2GLB
F3AT

IZ8FDH
K3UL
N2WB
N5GH
W0LS
W7ZJ
W8TN
XE1KK

280

GM3PPE
HA5VZ
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
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
W1YRC
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
OE2GEN
RA5BM
SV9AHZ
UA3ECJ

273

JA2TBS
JA6BEE
JH3GCN
N4IG
NK0S
OZ1ACB
RW7M
UR5WA
W1OPD
W4HG
W8QZA/QRP

272

AF9H
CT1GFK
E72A
F5PBM
HK1MW
I5OYY
IK5PWN
JH0BQX
JH7BKN
K1DG
K7EG
K8BL
KI4GE
LA3MHA
N9RD
OE5FIN
PA0ZH
SV1ACK
W2OO
W3AP
ZS1A

271

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

270

AA6AA
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CT3MD
DK8MCT
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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
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N2AJ
N5JB
NA5DX
OH1ZK
SM5ENX
SM6BGG
W2FV
WA1YTW

267

AA4FL
JA2QXP
JA7BEW
JI3CJP
JJ1TKN
ND4X
OH4UI
R8TX

SM5BMB
SM5FUG
W1KSZ
WB2BIN

266

7K1PTT
IZ8VYU
JH1HHC
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K8ROX
KQ4AV
N4JQQ
OZ4VW
PZ5RA
RA4CA
W0FLS
WB2GAI
WB3LHD

265

G3WPH
JA4FM
JH4HMG
JO4CFV
K2CBI
LB2TB
N5KM
N9JV
W7MEM

264

4Z1UF
DF2GH
EA1KP
F6DBX
JA8ZO
JR4LNG
K5VWW
LA0FA
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF
WA0MHJ

263

AB4SF
DK4TP
EA3CJ
EA4DL
HA7UW
HB9RYZ
HL4GAV
JA7XBG
JR8AMF

K1KO
K2KA
K4RG
K6IPM
K8FH
KN6KI
N1RR
W6RS
WA4LOX
ZS6NJ

262

CT1BWU
CU3EJ
I5REA
IV3VBM
JA8BAR
JG1OGM
K8AV
KF2DT
LA9FFA
LA9VFA
NK4L
ON5UE
W0GG
W5ZG
W6NWS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
YB2DX

261

HB9IQB
IZ8IEV
JH3KAI
K2FW
K7LJ
N3RC
N7BT
NX0I
OM8FR
SM4AZQ
SM7CQY
W4UCK
ZS6WB

260

7M4AOE
AA9A
EA8MT
EA9IE
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EI8IU
FG5FR

JA1KPH
JA2FBC
JA3WLN
JA6GPR
JH3FUK
K1ESE
K8YSE
LY1G
N6MZ
N6RV
NN4X
SK7AX
SV1FJP
TG9NX
W8KEN
WA5LFD

259

4F2KWT
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EW1BA
JA8BNP
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K9FN
NI3P
OH1JP
PY5CC
W7AH
W9HBH
WA1S

258

CU3EQ
DK7YY
JA9AGN
KH2L
N3VA
SA0AQT
US0YA
W1SSN
W8MET
W9EWZ
WA0RVK
ZL2IFB

257

AF4HX
BA4RF
DJ0UT
DS5ACV
EA7SG
EB3CW
IK2PZC
IK4AUY
IK8VRH
JJ1DWT
N6HC

N6PSE
PY2MC
RU1AB
SM7IUN
SV1VS
W8MJ

256

BH4QYX
EC1A
FG8OJ
IK4HPU
JA0KJE
JF2VAX
JH1RGG
JH4GJR
JM1GHT
JM2RUV
K0TT
K1UU
K4JJW
M0TTB
N9ISN
W1KDA

255

AI6Z
EA5RD
IV3TMM
JA1VRU
JK1OPL
K7XB
KR4F
N1RK
N8OC
NA5Q
VR2XMT
WS9V
XE1MEX

254

BA7IO
CT1BWW
E72U
EA3EQT
IZ4DPV
JA3VPA
JF2WXS
JH1VUO
K3SEW
KI1U
KI5BLU
N4LR
UA3O
W7YAAQ

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JA8XQI
JE2RDO
K6MKF
K8DV
KE1F
N5BO
N7XR
NF1G
NT5V
UA0FO
VE3YF
W2XI
WF4U
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252

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JF3PNQ
JH1ACA
JH4CBM
JL1BYZ
K6BV
LA5YJ
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251

9A4W
DL2RTL
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K1SM
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N5UL
SP6JIU
W2JLK
W3FI
W4SK
W5GAI
W6DE
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250

CT1DOF

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JA8CJY	W0JM	JA4ZA	JA7KE	JK1UNZ
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JR0EQQ	W3ICM	JH4ADK	K8YYY	JR7GBL
K4KAY	W5ZO	JJ2WOC	N8SHZ	K1ACL
K9ZM	WQ6Q	JK1VXE	OE3KLU	KM3J
KQ3F	WV6E	JR1MLU	WA6JA	KM6HB
N1SV		K1CA	WB7B	N4GN
PA0JSE	245	K4PB		N6IE
PY2FN	AJ8MH	K7FEL	238	OE2BZL
UN3G	JA3QOS	N2NS	EA1JO	OZ7FOC
W7HPW	N0AH	N4HB	HB9MFM	PA0TCA
W7IU	NZ3O	N6HY	JE1PNX	SV1HEP
	S55ZZ	N6KZ	JE2VLG	W0HBB
249	W5DM	SV1IW	JF0JYR	W2YR
IZ8GGF	W9JJB	VK3BDX	JH3FHQ	W4GIW
JA8FFM	YB0NFL		K9OR	W6DR
JR3UIC		241	KA4RRU	W6RW
K9NR	244	AB5C	M0CSD	W9OO
NU1B	HB9BUN	AF5CC	N4PJ	WA1PMA
OZ5NJ	HL2KV	HC1BI	N5ZC	WY6N
SM4OLL	IK8UHA	IS0AFM	N9UA	YB2TX
UN3GX	JA1CZI	IZ8FWN	W2TB	
VU2CPL	Ji6IHG	JF6XQJ	W4KA	235
W0RX	K0KG	JP1IOF	WA4QMQ	EU1U
W2GW	K1EFI	K7KB	WB0TVY	JE1IBI
W9RC	K1PL	KV1E	WB8CQV	JH2VVH
XE2D	K1YR	W3ABT	WV9L	K0VSH
	K6EID	W5DNT		K4QE
248	K8RRT	W5QM	237	K5CWR
AK5X	N0RN		CT1BOY	K8ZM
HB9DOT	N1EN	240	G0VXE	N2FF
JA1EMQ	OE3HWC	7K1CPT	HB9CXZ	N4IQ
JJ1SKG	SP6A	DH2PC	HB9JOE	NW4M
N4XP	W4REX	GU0SUP	IW3GJF	TA1CM
OZ1LCG	W5PJR	JA1DM	IZ5YHD	W4PNY
W5JAY	WA3F	JA2FSM	JA0LXP	W7YW
		JR1WCT	JF2OZH	W9FI
247	243	KF0LA	JH1DGQ	
HI8R	CT1FUH	KF7F	K0DD	234
HL3DE	CT3KN	N0ABA	K1RV	DF7EE
JA1DDZ	DS5TOS	S51NM	K2NV	DK2CC
K3VAT	G4XRV	UX5UO	N4HID	HB9BYQ
K6EME	JA2EPW	W0SZ	SM0MPV	HS1NGR
KM1D	JE1HRC	W8IW	W8UN	IK0LNN
N7DED	JF1LMB	W8WEJ	WA0ROI	JA3BXF
VE3YV	K4ZO	WA4CEM	WB8B	JH1APK
W8IQ	K8ME	XE1RBV	WB8ZRL	JK1BSM
WS5W	N1API		YO3JF	JR1VAY
	N4QWZ	239		K4MF
246	NV9L	6K5YIA	236	KE5FXE
FG4NO	W1BR	AA7G	HB9ZS	KE8UM
IV3KFB	W8OP	DJ9RR	HL2CFY	N4OA
JA7HRM		DL9FCY	I0JBL	ND4V
K2SN		IZ1JMN	JA1HOM	NV4B

W3WST
WA4JQS
WA5UA

233

AA9GR
AJ4A
DH0GSU
EA4DEI
JH1SOD
K8BN
K8EAB
KJ7M
N2NW
N9BX
NE3F
PY5IP
SM0XBI
W2NRA
W6YOO
WA8MCD
WB2KSK
WD8PKF
WE4S
WV4TN
ZL4AS

232

AC9EM
EA1RT
JH6DUL
K4ST
K5FNQ
KF7PG
NY2NY
OZ1IKY
RK4FD
RQ3A
W2/CT1GIF
W3FOX
W6CYX
W9ZCL

231

AD5WB
DK6OR
HL2ZN
IW7DVM
JA1MZL
JH0AWC
JH1UBK
JJ1QUV
KD6UO
NA4EA
OH7TV
SM7NDX
W0QQ

W4UDH
WA2USA

230

F6HLC
G3LUW
JA5NPV
JI1VVB
K1KA
K1XV
KB9DAK
W8WVM
W9YE
WB2NPY

229

AA3LX
AE0P
G4FKA
IK2GAJ
JA2OLJ
JE1VTZ
K0HD
K3FM
K4CMS
KD1F
KI4DLS
KS4S
N4NW
W1WC

228

7J1ADJ
F1RAF
F5LIW
GW4TSG
JF1RYU
JH1ERJ
JH2PWY
JH3GFA
K4JC
K5FZ
KB1DMX
KE4UW
N6PM
NH6T/W4
RA3QUA
W2DXE
W8GNM
WB8K
WC3W

227

DL2RUM
G3VPW
HL2EIZ
I0MWI

JA0DWY
JK1SQI
JK1WSH
K1GE
K5GH
KF9UG
N6OJ
NF4A
W5SL
WA9GON
YL2KF

226

DM2RM
HA5PT
I0OSI
IK7FPV
JA1PBV
JH1IED
K2BA
KH6M
KK4OK
KX2A
N2KX
N5ET
N6BM
N9AOL
VE7TK
VK4CAG

225

DK5RL
DS5DNO
EU1M
JA1IAZ
JA3FHL
JH8NQV
JL3OUW
K0OK
K1JIU
K5YU
KA8SYV
MU0FAL
N9SF
SM3LGO
W3MR
W5GZ
W5TFW
W8CZN
W8UV
YO9FNP

224

DK3PZ
EA7QW
JA8NFV
JO1LVZ

K1CBK
N3RW
N7WO
RW4CY
SM7BHH
SP6AXW
V51B
VE3SKX
WB0O
WN6K

223

AB4UF
AC9O
AF2C
E21EIC
EA5B
EA7DUD
I8MTQ
IK2RZP
IZ8MBW
K6IPV
KG9Z
KI6CG
KW4V
N1NU
N2SQW
N4ENE
W7IB

222

AA0MZ
AH0U
DJ9SO
DL5XL
E77S
F6ECI
HB9EFK
IZ7AUH
JA9NFO
JH0OXS
JM1VRW
K2AT
K2HAT
K6ZZ
KJ7TEA
KK9H
KS4YT
RA4P
W6AER

221

AG1A
EA2AAZ
G8AJM
JI1NJC
JR7FRW

K5DV
KU4XO
RU0SN
W4DEE

220

AA6RR
DL4DW
EA5DFV
EI9FVB
IK1IYU
JA6AVT
K1DJ
K4EU
K4MIJ
K5MT
K6MM
K7AWB
KB5UNX
KV4T
KZ9DX
NA5Z
NG7M
ON4ATW
PA3BWD
SM0DSF
UR4IOR
XE2X

219

F5JSD
HB9BNQ
HL5BMX
JA1FJJ
K3EA
K5JZ
K9JU
KD2T
KG6I
KI7AO
KR6C
N1KC
N6DX
NA9RB
W6GRV
WA3I
WB4KTF

218

DL2NOM
DL4NBE
DS4AOW
I7PXV
JF1MTV
K1NTR
KE3D
N4JT

TZ4AM	W0FG	W5DAW	ZS1J	204
VU2CDP	W0TT			EA2AFV
W9KVR	W1JGS	211	207	HB9DVO
WA2NPD	W2PP	JA3LDH	9K2BM	JH1OBS
WC4H	W4IS	JE2KSM	JF1WLK	JJ6DGP
WX2U	W6SL	JJ1KZZ	KE1VT	JR0QFA
	WE1P	K1NJ	KK2M	KB5HC
217	WW8W	K4YJ	M0IKW	KM9E
IK0CHU	ZL2AL	KT2C	N9AKR	W4GP
JA2NNF		LB6KC	OE1JIS	W7IV
JA7ZP	214	LU6ETB	ON4ANN	XE1L
JG5RVQ	DJ3AS	N1BY	RD9M	ZS2Y
K4KGG	EA5AR	N6PEQ	SP7ICE	
N6QI	F4GVO	VR2XLN	TF3DC	203
NA2AA	I5XFD	W5THT	VK2CA	DF3EC
OZ0J	JN7DOS		W1MJB	F5NBX
SV8DOU	K0QQ	210	W4GE	IK2RGT
VE7BV	K2AZ	JA1OVD	W7NN	IZ0BTV
W0TM	KB6CIO	JR2PZX	W9QO	JA7JPZ
W8FIB	W0KCI	K0NV	YB0MWM	JH8NBJ
	WB6BFG	KD4SN		K0CS
216		KD8RQE	206	K4JKB
CX2CC	213	PY2WC	3A2MW	K9OW
DJ3XG	9A1AD	S54A	HB9CRV	K9TF
G4VMX	AG3V	W5WP	IW9DNI	KA1DJ
HB9DQV	DK3UA	W7FP	IZ4DIW	KM7R
IZ0NRG	DS3HWS	WW2DX	JF1IRW	N3PS
IZ1JLG	IV3FFI	YB0DJ	JN1NBU	N4TV
JA2VHO	JA0EVI		K8NK	N6PAT
JH7WQX	JA1FVS	209	KK5OQ	SV1FKZ
K2TER	JA3NHL	K0VM	KK9T	W1DYJ
K3NQ	JJ1BMB	KB4MRX	KO6KD	W3BNN
K7LV	JR1EFG	N0ODK	KW4CQ	W5RF
KK4OW	K2RU	NE6I	N8BJQ	WA3FRP
KR4W	K4JWA	OH2IS	NA9Q	
NC4RB	K5ALQ	PU1KGG	W9DX	202
NJ7G	K9GA	SM5BNK	WA3WZR	AA9RR
PS8ACL	LA5SJA	W6DCK	WB0N	IK5BOH/2
W0SR	N4TOL	W8BLA		JR4LZX
W9MO	N8GP	W8HMK	205	K9WX
WB3D	NA2M	WB0ULX	AC9S	N6ZN
WS1L	VK3FM		CU3AN	N8WD
	W2KA	208	DL4LAM	NU1O
215	W3BJ	DL8SDC	DL6UNF	W1AW
9H1EJ	W5GA	JH0NOS	GM0VRP	W3NS
AA7XT	W7HR	JR3VMJ	IK0WRB	W4RDX
IZ0BVU	W8LMG	K0THN	JA4DHN	W7TUS
JA4CZM		K4CGY	K3WWT	W7VY
JE2UFF	212	K4WES	K4YYL	WE2N
JH5HDA	G4ZOY	K5RJ	KV4AA	
JT1BV	JA1BWA	LB5WB	N9KW	201
KE6V	JE2EBT	NW6S	OH3OJ	AA8SW
KF4NEF	JS6TWW	W1FA	UN9L	GI4OWA
KX4TT	KU4BP	W4WN	WA4MME	IZ0GYP
N8NN	PY2RO	W5FPT	XE1J	K0MFI
RN9N	SM5AOG	W6WF		K3SX
VK3NX	SP5LKJ	WA6G		KK1W

LA9GX	IT9AAI	KR8T	190	186
N9PGG	IV3AVQ	NJ3K	AA4U	AA4LR
PY2GG	JA0CIU	SP6EII	AC4VM	DF2UA
RT5A	K6TAR	W4DC	BV1EK	G4XEE
W1OP	K8SIA	W5UHQ	DJ9KV	I4UUL
W6AEA	K9SG	W5VQ	EC7B	K5QX
W9IL	KI4WCQ	W7PAQ	G3WW	K5RKS
200	KU8X	WA1NXC	HL4CCM	K7PT
HB9AGO	W4DAO	193	JA2ITK	KC6X
HB9IIO	W4HZ	7L4VYK	JH8KFE	KK0DX
IZ8EKL	WC2K	AE4CW	JI2UDK	N6MXU
JA0KJD	WQ5R	DH3KM	K7UT	N6VNI
JA3EY	XE1H	IZ5MOQ	K8ZT/QRP	NU4B
KC6JAM	196	JA0AXV	KD0AA	W8RV
N1IA	AG5W	JA1QIW	KL7TC	WA5IPS
N4TD	CT3CD	JG1JPE	N3AIU	WB4DNL
N7ELL	G7SSE	K1ZJA	W2OR	WZ4RC
PY3VB	I7LGM	KB2FCV	W9ROG	185
SM7GIB	I8YAV	KM1C	WB4GLI	K0KP
VK6LC	JA1XRA	KZ1W	ZS1DX	K3PP
199	JA2NDQ	SM5ELV	189	KE5BR
AA3TH	JA7FAS	W8NN	HI3T	KQ4EE
AC0X	JH1OGT	192	I0LYO	N4HN
AD4AA	N2GZ	F6FYD	IV3KCB	UN7BK
JH0RVY	N3QE	IZ7GIT	JA1SGU	VA7ZT
K4SX	NA9A	JA7MAD	JG1SWM	VK2HV
K4VNY	RC2A	JH1FVE	K6UXO	W2WG
MU0GSY	SP3F	K5IB	KY5I	W5SUM
N2RR	SP5MXZ	K6XN	M0HIH	W6RKC
PB9FN	W6HYI	KE0A	RM3DA	184
V51YJ	WA0WWW	KJ4UZU	RN3CT	AD6ZJ
W6JZ	WB5NHL	KJ4YLO	SM4BZH	DS4GKF
W9LN	195	N4XYZ	W6DPD	EA5RU
W9RXJ	CT1ELF	UR3EO	XE1FAS	HP2NG
198	IZ5FSA	VA2IG	188	IK0HBN
DJ0MCH	JA7QQQ	WA9BZW	EA7AN	K3JM
I1YDT	K4KEW	YB1TQL	G1VDP	N2MEE
IV3BSF	KE4S	191	JA0GCI	ND3L
JR1IZM	N3XM	AA4NC	JH7NTW	NN5E
K0GW	N9JR	DG5LAC	JK1AJX	NW7M
KA1J	OH6NIO	DL4FAP	JP1GUW	SM2EJE
N4FN	SQ7FPH	HA5CW	JR0AMD	UN7BY
RA3BL	UR5FEO	K1RI	K1JD	UT7KF
VK6OZ	W3SB	K8QKY	K2DC	W6BK
W6SHY	W6KK	N4DWK	PY2RN	W7IUO
WA2VQV	194	N7MQ	WV4V	WB2HJV
WY1G	A65BD	OZ7DN	187	WB3BFC
YL2TW	HB9ESS	VR2CH	IK8GJR	WB4YDL
YV5LI	HB9VAB	W1LE	JA2MNB	WB5STU
197	IT9ODQ	W5LO	K3NF	WV2I
4X4MF	JH1OCC	WF1H	N6NU	YB1RUS
BA4TB	JH8UQJ	WI8R	SV8CKM	183
EA1DLU	K1LT	183	W5ZE	JA2KSP
	KP3AH	183	W8UQ	JE4CIL

K3SF	VR2XYL	176	173	K6EGF
K6LRN	W4DSM	4X6KJ	7L2QAD	K6JJ
KC2SST		DL6NW	AB6CF	K7CU
LU4FW	179	G4AYU	AI9U	LA2GH
NA2U	DL5MHQ	JR1FHP	HB9FBG	N4VN
NY1V	JA3EEM	K5DCW	HB9HVG	N5PA
W3ML	JM1SZY	KK7YC	K5CD	N6EM
YB2TS	K1RH	KT8D	K5ZQ	N8VV
	K4WZ	N1JP	K6UNE	NX4TT
182	KE5TD	OZ9XU	K8JE	OZ3SM
I5FLN	KJ6NZ	VE1VOX	LA9VBA	VE1OP
I8LWL	KZ2R	W0BM	N7HN	VE2YG
J11CQA	N3KV	W4AEJ	N9DR	W0OGH
K7LAZ	NC2Y	W4LEW	NX2X	WA4USA
KG4JSZ	NK7C	W7WZ	OV5O	
KK8MM	SP5ELW	W9WO	SM0EUI	169
LA5LT	W0ZS	WA3GNW	WY7FD	DM3CW
N2ZA	W4CCS	WF8R		JA1KXT
N8NA	W4TUN			JA3AVO
N8NB		175	172	JE1PHH
ON6KE	178	AG5CN	EI1DG	JE3PCP
VK5GR	EA8AXT	IW1PUR	G3SBP	JJ1BDX
VU3CAU	G4DDL	JA0LFV	JA1BON	K4WY
W6SFK	IW0BYL	JA6SQR	K5TA	K9OT
WV8DX	JA1ERB	JH6RTO	LZ1XL	KF9AF
	JA3UNA	JO3WHB	N3AO	KI2D
181	J11WLL	KD4POJ	SP5ES	N5MT
EA5HM	K1ZE	KF2OG	YB4IR	PP7LL
IZ4AIB	K3VAR	KF6HI		RD3BD
JA7DPC	K4GO	LZ2ZG	171	SM7WVZ
JA7FVA	KR2Q	N7NG	AA5N	SV1IZY
JH1FNU	KU1T	N7VPN	AD3C	W7VAS
JK1DDG	N6DHZ	NS3L	CT2GZE	
KY6R	NN2D	NW7US	DL5MM	168
N6VS	VU2LBW	UA1OM	F9CI	A92IO
N8HRZ	W0PE	UA9AGX	IK3GBG	AG4Q
NV4A	W7HUY	XE1R	JS6QOM	EW1P
OH2LHE	WB6AXD		K2TV	JH1ORA
UA9AEU		174	K6ZP	JP1LRT
VU2IBI	177	AG7N	KB0V	K1VI
W6TK	4X6UU	DF8FT	KC5LK	K2SY
	IU0ICA	DL5KUA	KP4DKE	KF0RQ
180	JE4RAL	JK7LXU	KW9U	LU8ADX
A61BK	JF1LZQ	JR3TOE	N8WRL	LX1CW
AA4AK	JG3KLF	K2CYS	NA6O	N4ST
AF6PK	K0EOO	K5CR	ON6MX	N6MB
JH1IZR	K2MK	K9HQM	W0MU	OE1ALW
K0IL	K3OX	K9UQN	WA4DOU	R4FAN
K2SD	K8YE	KZ5DX	WA5KBH	VE3YXO
K5TN	KF4VTT	N4PYI	WI7P	W5JMW
K8SL	NA6MG	N5QS		WX0Z
KM4VI	SM5CBM	VU2DCC	170	XE1YD
LA6OP	VK2AAH	W5WI	DL2JIM	
N2ZZ	W0IKD	WA4BIM	EI5KO	167
N4MIK	W1AO	WA4NUF	EI6AL	AE4M
NA5S	W4KVS	WC0W	JA1GVT	F4DSE
NZ5O	YB1TJ	WQ5T	JK1BIB	JA8BOV
			JQ1YIW	

KB8NTY	K3HW	JR4CZM	IK0WMJ	156
KE3X	K6CF	K1XE	JA0ED	DK8IZ
KH6XT	K6GFJ	K3DFL	JA3PRM	EA3HPX
KN7D	KD8MQY	KA1API	JA4FKO	GM3WIL
N1ZJ	KL7TS	N4BAF	JK1JAS	HB9MXY
N8JS	N2XQM	N5FEE	K0IO	JA1CCG
PT2ADM	NA2P	OZ1HPS	KB7AK	JA2ODB
PY2SEX	PT7DX	W4NBS	LA4JGA	JA9RT
WA0SXV	S50B	WA7BNG	LA8ZAA	JG3RWX
WA5NFC	SP7QHR		N1MD	JH2AJY
WB8BZK	W6SIY	161	NE5S	KA9OKH
	W9CSX	HL3ERJ	OT1A	KC4HN
	WC4X	JP7FSO	VA3NXM	N4QM
166		K1BZ	W1EBM	N7GCO
AL7R	163	K2OP	W8QXR	N7RD
DL1SVA	AA4OC	K4AR	WD5BJT	W1MR
HL4XM	AA8KY	KM4A	XE1MW	W6FL
JR6GHN	AI4QQ	KW4J		WA6QGH
KN4FO	DS4NPL	N7QT	158	
KR4BD	EA1AZ	NA6XX	9J2BS	155
LA7EIA	F4CPF	OK2ZDL	AA4UC	AB4GE
SV2CLJ	F4WDL	SM3PHM	G4SGX	DK3QM
W4PGC	HA5BSW	W5BK	HK3PJ	IV3TDM
W8SAX	IU8IYE	W5RDW	IK3DVY	IZ2EWR
WA1ZIC	JR6LDE	W6DOE	JH3EQP	JE3OUW
WB3JFS	K0ABC	W9GG	JJ1KXB	JR3ADB
YO3AIS	K0CF		K4HQB	K2DF
ZL3RJ	K4GN	160	K8GWU	K4EZY
ZS6IR	K4MV	E70T	KB2XJ	M0IFT
	KD1AB	EA1WH	KF7NN	N7WS
165	KE1B	HL1VAU	KJ7NO	NO9E
AG6HE	KW4MM	JA1ITJ	N4XXM	OE1HHB
CU3HN	LA1CO	JA1UOA	W2CG	TF3JB
EI5JL	N0AMI	JA7JM	W8LIG	UT7EC
IK0XIH	N7KDT	JK1EBA	WB2RAJ	W5SV
JE4WOK	N9LEO	JR1CAD	WT2P	YB1AYO
JF1KML	R3IS	K1ROA		
K2AX	SM7CZL	K5VR	157	154
K3VPZ	VA2LC	K7CTV	7N3IJT	AJ8B
KG4CUY	W1OK	K7LY	AA3AZ	DK1NAL
LA2XPA	W1XV	KC9K	E20YLM	DS5WQT
LB7ZG	W8MIL	KL0S	EA3HDZ	JA0GZZ
N2RJ	XE2YWH	KM4NS	EI2JD	JA4HXF
N3KS	YO3DDZ	N0IW	JA3MHA	JA8ANQ
RA0BA	YO3IPR	N4MEC	JE3FOR	JE6PJP
RL3BZ	YO4AUL	N5WA	JM1ESG	JF3VEC
VK3TC		N8IL	KN7Y	JH1AQN
W2FS	162	NI5F	KW1DX	JH1BHW
WB2WPM	4F1OZ	SV1XV	N4MI	JR3QHQ
WB9PNU	AC0DQ	W1ASB	N6MM	JR7ILA
	BH4IGO	W1TO	NP3CW	N7JB
164	DJ7JC	W9FF	PY1NS	NE5W
AC4BT	DS3EXX	WB8QZM	W3HKK	SM0BYD
CT3DL	EA2AGV	ZS6RJ	W4DTA	VA3OKG
DL7JRD	EA6UE		WB9B	W4CIR
EI6IZ	HS8KAY	159	WD8KND	W8TM
IZ0GVZ	JL1GYZ	EA1P		WA9MAG
JJ1JMZ				

WN7J	K7LAY	NZ00	146	WB9W
153	K9AAA	PY8WW	AD0K	143
HB9BEM	KB7QFE	RT0F	AE5B	AA4MM
JA3UOQ	KE4BKL	UA9MC	HB9HHH	AF3X
JQ1PCX	KE8G	VU2NXM	HP3TA	EA4D
JR7MAZ	KK4CLY	WA1EHK	JA3KWZ	EI2HY
K0COM	LZ2XF	WF7T	JE1COB	HB9AAA
K0LB	N7MB	148	K6NR	JA1MOD
K4OY	NU4I	4F3BZ	K8ARY	K0SRL
K8ROK	SM0NUE	A71AM	K8POM	K2OO
K9MMS	VA3EJN	AK9B	KB9AIT	K6LPO
K9YZ	VA3HP	J68HZ	KD3HN	K7QBO
KK4XL	W3HER	JA4GXS	KM8AM	K9BQL
N0VVV	W5WLA	JF2AIJ	N6RK	KD4EE
N7NW	W6WA	JI3BFC	N8TFD	KE4FW
N7WI	WA9JWL	K5EWS	SM3DXC	KG6D
NC7B	WC2C	K5LY	SP9IZV	KJ2U
OH3FVP	150	K7STO	WA2MUA	KJ4R
SP5NON	AD5MD	KA3GWD	WA3SKQ	KN7K
W8VK	DK3BK	KM2O	WA5NOM	LB2TG
WB4SON	DK3FB	LZ1MDU	WW8RT	N1QY
152	HB9EBM	N0TK	XE2B	N2YBB
5P5Q	IT9ABN	N3ND	YB1BML	N4GBK
AC6BW	IT9IPQ	N9ATF	YO2DFA	N4UP
BX5AA	IZ2MHT	NJ6K	ZS6UT	N7ZA
DF2WF	JA6SUY	PY2CP	145	OH3PYY
DL8DWL	JA7GZM	TF3Y	5T5PA	TF4M
DU1KT	JE4KCN	VE6TL	AA5TL	TG9AJR
G4AFJ	JG1GJH	W4AG	AL7TC	W4JVN
IK5BSC	K1QN	W9MAK	EA4S	W4UFO
JG2LGM	K5HK	147	JH1CTV	W7VS
K0RAR	K9RT	AB9KZ	K5FXB	142
K2EK	KI7M	EI3CTB	KQ5M	IK1UGX
K4RDU	N6JOJ	F6KOP	KS0M	IK1ZNM
K8ZZU	N9IO	G3VQO	N6KK	JA0MRW
KD2OV	NG9J	HB9GWJ	W3DQS	JA1PUK
KE9S	ON6ZV	IS0/YO3RA	W7NP	JH6PFY
NM1G	SM0BSO	JJ0LZQ	WR7Q	JI1UHZ
ON4LG	VR2MY	JK1OTP	144	K3GT
R9JX	W3KB	JL6USD	AD0TR	K4TXJ
W6RFF	W4NE	K0PC	DL6DCD	K8MRT
W8FN	ZS1C	K3GGN	G4FTC	K9UO
WA6EZV	149	K3GW	GM0VIT	KA6BIM
WA9IVH	7N2JZT	K4NTO	IZ0FUW	LA1J
YV4DYJ	DS4DRE	K4SAF	JK1NPH	NF7D
151	ER0FEO	K5UZ	JL3DGI	NH6L
4O3A	GM7NZI	K8WHA	K1TKL	NN9X
AB2E	JS6SCC	KB9LIE	K2HT	YO8CRU
DF1IR	K2KIB	N8IK	K8OS	141
DL4KUG	K9EXY	SV8RX	K9UWY	7K3QPL
JA2BUR	KM2E	W0QC	LA2IR	9H1AE
JH2NWP	KP4DS	W3NRJ	N5UE	AC7JM
K0KV	N0STL	W8OM	RN0C	EI3ISB
K4DET	NE0U	W9GM	UY2UZ	HB9EXQ
	NO0B		W0AIH*	

IZ3XEF	DL5ZB	ON5GF	W2KNG	W4MC
JR3PKO	G0FWX	TA1PB	W4UAT	W5FL
K2JK	HB9DVZ	TF3VS	W5AAJ	WA1HXH
K9AAN	JA0CVC	VE3FRR	W6UC	WA1KXV
K9AQ	JA1PVX	W0ANZ	WB1DX	ZS1EL
KA5VFU	JA1VRY	W4GH		
KC1ERO	K2JL	W4PGM	133	131
KO4PRE	K2RET	W4PV	7J1ABD	DM6MA
TF5B	K2YSY	W7SX	DL8OH	EI5GM
W1NA	K6CW		GM1BSG	GM4KHE
W5GOL	KC9G	135	HB0WR	K2WJ
W6HDG	KF6A	AB4FH	HK4EB	KA5IAU
WK8A	KU9S	AK5Q	I4JEE	NN6K
WK9U	N0SL	G0THF	JA5IBP	OE3JAG
	N3PV	GM5YTT	JM1JIV	W4MA
140	N9XX	HZ1GW	K9JDP	W5EC
AD9DX	OD5YA	JA1DCK	KG6WIK	W6OUL
EI6JK	PV8ABC	JA3MIO	KI4TZ	
EI7GY	W0UHL	JA7MWC	LA9KY	130
EI7JZ	WA5POK	JJ1HLL	N1BKB	AA4QE
EW4C	WA8LRW	JL2ULM	OH3DP	CT1HHP
JG1RYQ		K3HPA	OH7HM	DL1SWN
JJ1OKK	137	K3WGR	PT2ND	DM5JBN
K0UBR	DL2RD	K4OP	V31CQ	JA2LMY
K6EV	EA7LS	K5VG	VU2ABS	JH3PRR
K7VC	G3PSM	KL7NW	W1GY	JL4BSE
KB1HY	HL1MKT	N5RN	W1ITU	K2MHE
KC3AK	JA4DNC	S53MJ	W3MF	K7YMG
LA8PDA	JF2RSF	W7QHE	W4EJG	KN4JX
LZ2HM	JH1SBE	WB3AVD	W9SE	N2YF
VE3NJC	K2CDJ	WB6FWS	WB9ZNZ	N7TM
W3DIY	K2RKJ	WB9IWN	YB4CHP	NS4F
W5VU	K4AU	WO5I	YO3GJC	NU4Y
W9BS	K6IRA			OZ6TL
WB1ASL	KP4N	134	132	RC3FL
WB8EKG	N2KI	AB0RX	AA4FU	W1MO
WW6G	N4KM	AB1J	AK3E	W9CTJ
YB3MM	N7VZ	DL4ZAB	AK6I	WB8RFB
	N9NFT	EA6AZ	I8NLC	YB2IQ
139	NU1T	IZ8DEO	IW5EIJ	YO8PS
AA4DD	SM5CSS	JA6GXP	IZ0COI	
F5VML	SP3EPG	JR0GXA	K4BNF	129
HB9ARK	TA1AL	K3KY	K4WM	AD6KQ
HB9DTE	W2GGY	K7FL	KG8OU	AE7U
HL4CBX	W2NY	K7YZO	KI7HO	JA0AVS
K0QB	W4UEF	K9SUH	KK5ID	JA1PLT
K9QJ	W9MR	KA9JCP	KX5U	JA2ACI
K9TRV	WA0WOF	KD2SC	M3DFW	JA3WMS
KX4I	WG0G	KF5WCP	N3TR	JH1RFM
N0CKC	WS1F	KF9LI	N4EDT	JN1SUT
N2SG		KM4HQE	N4QOG	JR1HYA
N7NF	136	KN4OK	NN3V	K0ARM
R9MJ	CT1ESO	LB5GI	ON6YH	K0YL
ZL3TE	EA5KA	N6XT	SM7DXQ	K5SES
	G0OSK	NJ1Q	UW7UA	K7ORK
138	IS0EBO	SM3WMU	VU3WEW	K8RCT
DL5KUT	NT5EE	W1DAR	W3KHZ	K9BO

KB4KBS	N3GTG	W4AO	OH3TY	KK4ODQ
KE7BMG	NA1RL	W5CWQ	PY2ADR	KU2A
N8BK	ON5EQ	W6PG	VE3FAC	N3ER
N9AVC	VE3EDY	WA4TMJ	VE3VHH	N5ZY
PY3OG	VU2MSA	WA7HR	W2WGK	NA2R
SM2YIP	W0MF	WM4AA	W4UT	NY4G
VK5CE	WB2KSP	WR2G	WB8TGY	OZ6EI
W7TG			WU7X	TA1L
XE1ILI			WX3P	UA0FDX
	126	124	YB9WZJ	W2ARP
128	CU7AJ	AA5H		W3/NH7C
A71XX	EI4HH	DJ3EJ	122	W3JXP
DL9SAD	G3XLF	EC4KW	AA0BH	W4CC
EA1AHA	IK4TVP	EI8IQ	AA5B	W4KCM
EI3IO	JA5CDL	G4RGK	AB5YI	W5UQ
F4GTB	JA5XPD	IT9YOZ	DB4RG	W7PC
HL2DBP	K5KDX	IZ1UKF	G0HSA	W9MB
JH1AWJ	K7PO	IZ5BYJ	HC1HN	WA7HQD
JN4FNZ	K8GT	JG3KMT	JA9ALR	WB7BBQ
K6OJ	K9QA	JH1XFR	K0HQW	WQ8T
K7PTC	KC5RR	JM1LPN	K0MD	WT3Q
K9YKL	KC9WPS	K3SUI	K3DQB	WU9D
N0JR	KK4CB	K6VVK	K4VAC	
PU4MMZ	KS4WA	K7HC	KA5SYP	120
R3BB	N5HC	KB8DID	KB4ET	AA2T
UR9IDX	N8YQX	KC4AA	KN9N	AC4TO
W0QD	N9BVA	KD9ZR	N1ZZ	AE5LK
W5MF	NX8Y	N0YO	N6VH	A12S
W6IS	OH4KRN	N1HO	N9ATD	CT7ABD
W8BI	PY2OP	NT4K	NZ6N	CU2CE
W8WV	VE3TMG	W0DD	SV7CUD	DS3DNT
W9EBO	VR2VGM	W6ELI	UT9LC	DS5QLJ
WA4UWD	W8VI	W6ND	W0JMP	F5AQB
WC4V	W9COS	W8PAT	W1ES	IK8IPL
WP4CQ	WA2BOT	WW5L	W1HEO	IT9JPS
WQ1H	XE3E	ZL3REX	W1KKG	JA0JPD
ZS6AKU			W4BH	JA1DCO
	125	123	W5HMK	JH5OTE
127	AC4XO	AE5FM	W6HB	JJ1XVA
7Z1HL	EI8GS	DJ6OZ	WA5YOM	K9CHP
AG4TO	G4EHT	DS4DBF	WA9DU	KD5R
DJ5DT	IK8PGE	EA3NG	XE2MX	KG4OJT
DL9GTB	IZ8EYN	G6NHU		KJ6Y
G8BCG	JA1IHD	IK0XKP	121	LU3XX
HK6K	JH8FIH	IZ8LMA	AB4BJ	N1TQP
I2YPY	JP1GVC	JA0PZJ	DD0VE	N3DV
IK2ULM	K5NOF	JA1GLE	HA2EQD	N3GS
JA0BES	K9ARZ	JA2HOL	IK6BMU	N4UFP
JE2VYM	KC2STA	JH1RVQ	JA1CPN	NR2D
JG1LRE	KK5J	K0PX	JA1EYN	PP2FN
JH1HRJ	N7TW	K2JGL	JA1WTO	VE3QAA
J11MNT	N7UJJ	KIOHA	J15WDC	VR2ZXP
K7LFY	NA7RH	KM4CQG	K1EDG	VU3RGB
KB8KIM	NN6CH	KO8SCA	K1LTJ	W1RG
KF3N	NT9F	LX2SM	K3CWF	W4DWS
LA2LI	SM5AFU	N6DVR	KB3IFH	W5RYA
N0AB	VK2DAG	N8AYY	KG5NP	W6GJB
	W0XE	N9RE		

WT5L	IZ7QFN	JA0NPQ	F8GB	KY6AA
YB0AZ	JA9KA	JA1UBZ	G0UII	N8AID
ZS6NK	JM3GXU	JH8LEY	G4NAQ	NK7Z
119	JR1KBJ	JJ2VLY	G4YCS	NQ4A
DL2VWR	K0FF	JM1JZN	HB9GZE	S51DV
F5BAR	K4AEH	K8CR	IU8GNY	W1HQ
HL2MHU	K9LCR	KB4CRT	IZ0CKJ	W3WN
JA6JYM	KB2S	KB7V	JA2CPD	W4AFB
K4RM	KB5CSQ	KG4URP	JA4CSJ	W4LLP
K7LOL	KO4PY	MM1PTT	JA5SEY	W9LU
K8EB	KP4ED	N0TR	JF1AZQ	WB2UFF
LU9DO	KZ1X	N7PIB	JH1GNU	WD8LTM
N1GNB	N8AGU	NA4MM	K1JKR	WJ1B
N8LCU	VE7NY	NE1RD	K2KNB	WN1M
SV1BYI	W3LWH	NG0G	K4JDJ	ZL3PAH
SV2KF	W3MRL	NI4Y	K4JLD	111
W1ZK	W4ARK	NW6V	K4TR	EI2FG
W5IO	W4PG	OE5MPL	K5WRE	EI9CN
W6ZPL	WB9WHQ	W4OV	K9DUR	F8DZY
W8EOG	YO6HOY	W5WS	KB2TGU	G4ZWY
ZL2AO	116	W7FI	KC0V	JA4DLF
118	6K2ILX	WB4MM	KG2U	JA5EEU
6K5AQY	AA0FT	WS4H	LU3JVO	JE1TNL
AC9GK	EA5GX1	114	NA9L	JH1I1Y
AE1T	EI4BZ	F6FHZ	NS4X	K1RE
AI5EG	G8GHD	G3CWW	S52R	K2KYH
DJ9KM	IZ2CSX	HC1HC	SV2DSJ	K8ZEE
IZ0RPS	J11DMH	I0BJV	VA3AYA	K9JIG
IZ1JIZ	JT1CO	JA1CPU	VK7ZE	KC2NJ
JA6CMQ	K2GLS	JA8EIA	W1FC	KM5VI
JH3LCU	K4LCP	JG4OOU	W3JM	N0ATQ
JM1CMA	K8JRK	JL3RNZ	W6BBS	N1BZ
K9KJS	K8MN	JM3XZC	W7CD	NT5O
KA5JSM	K9GWH	K3PL	112	PT7CB
KB3KJ	KB8ZUN	KB1W	3C3CA	TA1UT
KD3UY	KC1RET	KD2NF	7Z1CQ	TA2RC
KD9BIE	KD5RBU	KI8AE	DS3EXT	W2FDM
KG5VK	N0UCR	N1AH	G0DTX	W4IDX
KV8P	N1GFV	N3DD	G3YFE	W5GCX
KX6C	N2TC	NA1DX	GM0SCA	W7WT
LZ1XZ	N2ZL	NG4DX	IK4EWN	WB1S
N3HYB	N4KEB	NG8T	IS0BQE	WB8PKK
N8KUS	OE6CLD	NK5K	JA4RED	WU4B
VR2CC	RW6MBC	W0QKL	JF2OHQ	110
W7KKC	SM1NJC	W2ZK	JF3AHI	AC0B
WA7ZXD	VR2IL	W8LR	JH0LME	AF8C
WA8RCK	VY2RU	WD0AJG	K0XM	AG5Z
WB5TOI	W3IZ	WN0L	K4HEB	CT7ANG
ZS2I	WA4VJK	XE1EE	K4ZMV	DK4MX
117	115	YB2BNN	K7RAN	EA1BLA
AD7L	AA9WO	ZS4JAN	K8CJY	EI9HX
CE3FZ	AF7WM	113	K9KDS	G4VWI
F8EZE	E74A	AK0A	KC2THY	HG6IA
IS0BZR	HL4RBR	EA5DPL	KH6P	IZ1EPM
	IW2FLB	F5EOT	KK7BR	JF3KOA
			KS0JD	

JH1FRW	W5SG	K1FUG	KI4NSP	N1TQ
JR2PAU	W7CB	K2FJ	KM8V	N2YU
JR4DHK	WT9U	K2ZD	KR4U	N4LSJ
K3MSB	WW5RC	K3GO	KT5V	N9APK
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K4RP	108	K6DLB	N4DJT	NC1M
K5GZR	7M4CLF	K9MQ	N5JED	NK7L
K6DJ	AC8MR	KA4LBD	N6UOZ	OH6IH
K6SLO	AC9DX	KB0EL	N7MW	PV8RR
K9TVG	DB9CR	KF2G	NG4C	TA7AZC
KF8PD	DL1TPY	KJ4FZ	NI7F	VU2DED
KV3W	DL2AMD	KS8W	NS7K	W1PY
N3YZ	DL2NAI	LU5OM	PT2DF	WD4OHD
N4NYY	DM5TI	N0MHL	PY2OC	WK3A
TF8GX	DU1IVT	N7TP	UA0ABB	WZ9B
W1ZZ	E70X	N9AZZ	VE3BHZ	YU1LD
W5JE	EA5XV	NC6RJ	VE3XK	YV4EH
W6TCP	G5CL	NI8Z	VU2MB	
W7YED	G6MXL	OV2B	W0TLX	104
W8PE	IK1RKN	PP5VA	W4/KL7GLL	7N4OBV
W8TE	JA2DCN	RM6LW	W6KF	AA2WC
W9GFB	JE2DOD	SV3EXP	W7GB	AA6XV
YB1SKR	JH1OVY	TA1CQ	WA3IIA	CT3DZ
YO5QAW	K3XO	UX5XK	WA8Y	EA4EJP
ZS5LEE	K4GHS	V31MD	WS7I	EI3HA
	K8LBT	W1USN	ZL3RIK	F6ARS
	KC8YG	W5HY		FM5FJ
109	KE3ZT	W8JA	105	G0DRM
AA4RX	KE7AUB	WB2BXO	AA2F	GW0ANA
AB1NS	KI4SFT	WB2MKX	AI1W	HA5DI
AC8TO	KJ4SKO	WL7OU	AP2IA	HB9BMY
AF3K	KN4WOJ	WM4W	DL2DCX	JA0NZR
DL9QJ	KO4XI	WU1U	DL9GTK	JA1CC
F8DHE	KW1X	ZP6CW	E29TGW	JA1DHY
G0MMI	LU2AH		F5VIF	JA1RBY
JA5GOJ	N2IFA	106	G3LOJ	JH1MYJ
JH4GNE	N5FPW	AB6WQ	HB9TJG	JI4HKA
JI1ZS	N5TW	AC5AA	HL4GHT	JQ2MPJ
K0FD	TF3MH	AC7DX	JA1JYS	K0BRO
K5NV	VE7VV	AC8IL	JA1SZN	K1TWF
K6JAD	W0LGQ	AJ6V	JE6UWU	K2CQW
KB7DT	W4DVG	DS2GOO	JJ2BLV	K4WW
M0AQM	W6CN	EA3AGY	JK1AKA	K5JUC
M0MCV	WB5ZAM	EW4DX	K0MB	K7UW
N4LS	WC4B	G0OJG	K1EO	K8WVA
N6RVI		G0RPM	K1ETA	KE4YOG
NN8L	107	G3LPS	K2GW	KJ2AM
NW6R	AB7RW	HI7SB	K5WE	N1FOJ
NX1P	BG8PA	JA3AOP	K6GCN	N3PW
NZ3M	DJ5FZ	JA3FRI	K6ME	N4PAJ
NZ7Q	DK2GP	JF7NNI	K7CMZ	N4ZR
PF7M	E73D	JG1XBM	K8FB	N8TEM
PV8DX	EA2BFM	JJ1IRS	KJ8N	N8WXQ
SP7ASZ	EI5GSB	JO4JDU	KK4MA	NA8W
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W4JDS				

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VK3MB	K1MDA	JK3NSD	AC0DH	KE1IU
W0VU	K2CJ	K3AXB	AD4J	KE8NOA
W9GXR	K2DH	K3LA	AE4VJ	KF5MDZ
WB7QXU	K2DW	K5HX	AJ6X	KF5TL
WX0B	K4HR	K7GA	AK1P	KG4IYS
YB1BUL	KB1AWM	K8PGJ	AK4AO	KI0G
YO6HSU	N2CJN	K9GL	DB6VH	KI3O
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	N4IR	KC3OPI	DK1MCS	KK6MF
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AF8P	NA4D	KE9UA	DL3ANK	KL7XO
DS5JMG	NN5O	KJ5RC	DL5JH	KR4Q
EA2RY	R9GM	KK6VGE	DS4GQR	KZ4EX
EI9GLB	S51MA	KU4A	EA4TX	M0NGN
FM4LV	SM0XG	LA2XNA	EA5PS	N0JX
JF1KIG	US8ZAL	LA3ANA	EI4DQ	N0OK
JI1FXS	VK2GR	M0PTZ	EI4GJB	N0VTZ
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K3PIN	W4GHW	N4PF	G0GFC	N3NVA
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K4PWS	W7IMU	NJ2X	G8GNI	N5LJL
K4SAW	W9GWP	NZ1I	GW0KRL	N5LKE
K5DXR	WB4PWZ	OZ5JQ	HB9BEP	N7WFK
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KP4DDY	WF4W	SV4FFL	JG3LDD	ND0B
KQ6K	WN9A	TF1A	JG5VFK	NE3K
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NB3R	YB0EIN	UA4PK	JK8VMB	NX6D
NI5G	YB9AY	VA2GA	JN1RFY	OM2AGN
RX3BP	YO6BHN	VK4BUI	JR4VEV	OR4K
VE7XT	ZS2ACP	VU2OT	K1HC	OZ9GA
W4CU		W0ZX	K1JX	PV8AJ
W5IP	101	W2GHD	K1PTF	PY5VC
W7JET	AA9D	W2PD	K2UF	R2AB
W8EH	AB2NI	W3RMS	K2UT	UR8IDX
WA6URY	AB4EJ	W3SW	K3NO	VA2EU
WA8KNE	AB8YZ	W4PM	K3RRR	VE1JF
WC9C	C31MF	W6OU	K4GM	VE3KKB
YB1ALL	DD8BA	WB5KSD	K4QS	VR2PX
ZL1IM	DD9WG	WD4IXD	K5LLA	VU2OY
	DL3XAC	WM5H	K5MMH	W0PPA
102	EA4UV	WU6K	K5PSN	W0RMS
4X1VF	EA8TZ	WX7B	K5VSD	W1HS
5W1SA	F4FLF	YB8HZ	K5YE	W2MW
AC0XY	G3VDB	YO2OXD	K7VL	W3KN
DB2WD	G4GEE		K9EA	W4CG
EI4GNB	HB9PUE	100	KA2F	W4YR
HB9MZI	IK2HLM	2E0XAR	KA4H	W5PD
IC8SQS	JA1KZP	9M8DEN	KA9JAC	W5YKU
IZ7QSS	JA2KPW	A41ZZ	KB6IGK	W6OZI

W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
WU1T
XE2AD
YB6LAY
YE1AR
ZS6CR