

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 Aug 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC SP5EWY	K5UR KF2O N6AR	W1DIG W7UT	OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 G0JHC JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD	333 DJ8NK F6AOJ F6DAY G4OBK HA5WA I4AVG JA1HGY JA2KVD JA6BZI K6YRA N4AH PY2BW PY2SP	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY			

PY5EG	328	325	N5TY*	SM6DHU
PY5HOT	AA5AU	EU7A	N8RR	SP7VC
SP3E	DL7MAE	HB9DHK	NY0V	SV1FJA
VE3FF	IZ5EKV	I5NPH	OH2BLD	UT7UJ
W5OZI	JA1SJV	IZ0AEG	SM6DHF	W4FC
W8UVZ	JH2FXK	JA2FJP	UA3AB	W8GC
YO5BRZ	JI2KXK	JA5WIZ	UT9FJ	
	K4QL	JF1PUW	W7AO	320
330	RU3FM	JF7XKY		AA8CH
AA1ON	SL0ZG	JH8RZJ	322	CT4NH
DJ2YA	SP9DWT	JR3GWZ	CT1BH	DM5EE
DL1AMQ	W1ECT	JS2LHI	EA2IA	G0BLB
EA7TV	W2IRT	K9EU	F5PAC	I2EOW
EI7BA	W5FKX	K9IR	IK4GME	JA3PIS
HB9AMO		OE2LCM	IK8YTA	JO7WXN
I4MKN	327	ON4IQ	JA4FKX	K1LD
IK4BHO	AB4IQ	R5AJ	JJ2LPV	K4EM
IK6DLK	CT1APE	SM4EMO	K2UO	N4II
JA1ADN	CT1IUA	SM6CCO	K6FG	UY5ZZ
JA3EMU	DK5WL	SM6CMU	K7NN	VE3EXY
JI4POR	DL2OE	SP1S	KA9CFD	W3KX
K3WC	EA1YO	SV8CS	KU0A	W5WT
K4CN	EA5BM	W1RM	N4DW	W6XA
K4ZYU	I4EWH	W3LL	N4NX	YV1DIG
K9CT	JE2LUN	W6RLL	OE1WEU	
N4JF	JH0INP	W9OP	OH1LEU	319
N8JV	JH1TWT		ON4CD	DJ4AX
N9IW	JI8DGO	324	PA3EWP	DK1FW
NR1R	K0DEQ	DK9KX	R7DX	EA8AKN
OK1MP*	KW9A	DL5DSM	SM5KNV	HB0CC
RA3CQ	N2BJ	FK8CP	UA4CC	IK4DRR
SP7GAQ	N6JV	G0DQS	VE1DX	JA9TWN
W3NO	PY2YP	G4CCZ	W5CIA	JI1DHY
W4UM	RZ3AM	I0WDX	W5TCX	JR7VHZ
YU1FW	SM2GCQ	IK5PWQ	WI8A	K5MC
	SM5CZQ	JA2BDR		K6AM
329	SP6M	JA2DPC	321	N4DB
GM3POI	SV1RK	JJ3PRT	AA4V*	N4QS
IT9DAA	YO9HP	JR2LJO	AD1C	ON4AOI
IV3JVJ		JR3OEH	G3TXF	UA3AP
JA2JW	326	K5KC	HB9BIN	YO3APJ
JA7KY	EA5BY	K9YY	IK2YCW	
JA7MSQ	JA9APS	N1NK	JA0GJJ	318
JH1GZE	JE1SYN	N8BM*	JA1XEC	A45XR
K0EU	JF1WPB	OE8HIK	JA3AZD	AA4HP
K1HTV	JF3KON	R3OK	JH1IFS	DL6KR
N5AW	K5EK	VE2Tzt	JH3CUL	G4PWA
NI0G	K8PT	W8OI	JH3VNC	JA1ANR
NO8D	LU2NI	W9OL	JH4ADV	JA2JNA
OZ1CTK	N3NT	WB4TDH	K2VV	JA4EPE
R4GM	N7RT		KV7K	JH4JNG
SP6CIK	NK1K	323	KX4R	K2TE
SP8NR	OZ1AXG	EA3GP	LA7HJA	K4IQJ
W5XX	SP5DIR	GM0GAV	N4PQX	K5BG
WA1JMP	W8DCH	JF1KKV	N5XZ	K5DU
	WP4U	JL1RUC	OE6MDF	LA2PA
		KF0QR	OE8RT	PY5EW

R3VA
RA7A
RW3RN
SP1MGM
VE3LYC

317

AB9V
DJ5FI
DK2NG
DL5WW
HB9HFN
JA2IVK
K2RW
K6YUI
K9MM
KE9L
NE1B
UX1UA
W6VX
WD0DAN
WX4G

316

DF2UU
G0OIL
IK2QPR
IW1ARB
JA5XAE
JA8EAT
K1BD
K3WA
K4HB
K8YTO
KG8P
KQ8M
N5DG
RV3LO
SP1JRF
UA3DPM
W1GL
W7MO
W9ILY
WA2VYA
YB5QZ
YO7LCB
YS1RR
YU3AA

315

9H1SP
AA5AT
AB3CV
AB6QM
G3VKW
HK3W
IZ1LBG

JA8RJE
JA9CWJ
JN3SAC
JR2BJE
K8NVR
N5OK
OE3EVA
ON4IZ
PY2NQ
SM3VAC
SV2DGH
WA7NB

314

AC4G
CT1DKS
DL6CNG
EA1N
EA6VQ
G3NDC
HA1RB
IZ8FFA
JA2AH
JA2ZL
JR4OZR
JR9LKE
K2LS
K5AQ
KB0EO
LA7AFA
MD0CCE
NN4R
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UX0FF
WB0TEV
WB8BPU

313

5B4MF
CT1GFK
I3BUI
IZ2AMW
IZ8FWN
JA1GRM
JA5IU
JA6VQA
JA7JWF
JA7QVI
JF2UPM
JG3LGD
JH1NYM
JR1BAS

JR1BLX
JS3CTQ
K4SO
K6KLY
K9US
LA7JO
LB8DC
N2NL
N4TL
N8KOL
SP3CGK
W9RN
ZS6EZ

312

AA5AM
F3SG
JA1SYY
JA1XCZ
JH1AGU
JH1QAX
JR6FC
K1HT
K3RA
N1IBM
N5ORT
RU3QR
SV1CNS
UT2UB
W7CT
W8HW

311

CT1FMX
IK0PEA
JA2XYO
JA4MRL
KM4H
OE3SGU
OZ4O
PY2XU
UR0MC
WB9CIF
WD9DZV

310

HB9SLO
JA0CRI
JF8QNF
JG3FEA
K0KX
K5XI
K6RO
K8AC
K8FL
KC7V
LA9AJA

NS6C
RA0FF
RL9F
SM2OAN
SP6HEQ
W0YG
W4BP
ZS1LS

309

JA1EOD
JA1VSL
K1AR
K2UU
K8QM
K9ZO
NN4SS
NU8Z
R9TO
RU3DX
RX3AGD
UA4LY
W2JU

308

DL2CHN
F4BKV
HK4SAN
IU7QBB
JA1IZZ
JA2WYN
JA7IC
JA9GPG
JE2EHP
JG4AKL
JH1SJN
K0GY
K0KVR
K8OM
K9MK
KI0KB
KN5O
KS1J
N8TR
NQ1K
R7NW
SP9JZU
UR5EDX
VA5DX
VU2NKS
W1YM
W2QO
W5ADD
W6ENZ
W9MU
WA8WV

307

A65BR
DK2JX
F2JD
HB9TKS
I5HOR
JA2XW
JA3GN
JA6WJL
JJ3HGJ
K2SHZ
K9RX
LU8EKC
NI6T
W7DO
W7OM
W9JA
WA5VGI

306

9K2OD
DL1KUR
DL5EBE
HB9DDZ
I1EIS
IK4PLW
JA2VQF
JE2LPC
JR2UBS
K5WAF
KD3CQ
OE5RLM
R8TX
R9FM
UN7JX
US5WE
W5AJ
W5XC
WE9R
ZL3JT

305

DJ4XA
JA1IOA
JA1WSK
JA7BWT
JE6TSP
JH7RXU
K0JUH
K3XA
K9NW
KG4W
N9AU*
PA5TT
RA9CMO
SM3NXS
YB1UUN

304 DJ9ON DK5AD HB9CEX JA2NDQ JA9FAI JE1DXC K8GI N7US N9RS UY5AA	HB9BOI HP2AT JA0DIN JA1LSP JA1SVP JE1LFX JG8FWH JK1GOK K4SE LA5LJA MM0EAX RN3QN WB5JID	G5LP IW0HQE JA4ITW JA5BEN JL2JVX JR7WFC K2PK K8EUR ND0N PY2VA ZL1BYZ	K5VIP K5ZK N7TY NA5C RM0F SM5FUG SP8HKT SV1GYG W5LT W6XK W7AL	E72A EA5AT G8DX HB9BAT IZ0RVI IZ3ETU IZ8VYU JA3ENN K5DHY K7ZD LU4FPZ N8II R6AF SP5IWA W4VIC W6SR
303 E72U EA3GHZ G3LZQ HB9DDO HL3IUA HL4CJG IK2RPE IK4ADE JK1EXO K7WP K7ZA KB1JZU LA3WAA RL3FA RW4NN SM6CUK SP2BMX SP3IBS SP7HOV SP7ITB SV2AEL W1SKU WT8C	300 AC0A DL1TRK DL4CF EA1AF EI2GLB IZ5RVG JA2ATE JA9AA K8GG K8TL K8VFX PA3CSR VU2PTT W3OA W3RJW W6TC W9AJ	297 E73Y JA3RQ JE7JDL JG0CQK K6ND K8WK KG7H KT1J W6YI	294 AI9L AJ9C EA6NB HA5VZ HA9PP JA1FQI JA1XPQ JA5SUD JE1GWO JJ1DWT JR1DUP K3FRK K7ZV KD0Q KZ4V N0KV OE5BWN RU6L SV3DCX W3JX YO2CMI	291 4Z4DX EA6ET G0EHO IT9CVO JH1BAM JJ1TKN K4ZO KP2A LA5HE N2TN N7RO PY2KP VE3CFK W7BEM W8TN W9FR ZL4TT ZS2DL
302 DJ5JH F5CQ G3SVD HL2IFR JE8CLT K4MS OH8LXT PY7DJ R5DT RK4FD W0VX W4QN W5VY WD4LBR	HB9CQK HB9RG IK5RUN IZ4MJP JA7LGE K6SIK K9SM KB8VAO N9FN UA9FAR UN6T VE3BW WA3AFS WA9PIE XE2CQ	296 AA4R AA8OY AD6W CT1DOF EV1R GM0AXY IV3YYK JA1JAT K3PA K6FW K8VC LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W2GG YO2RR	293 DL1HRN DL1SMA EA3WD G4GIR IK0HFO IW1QN JA2CXF JA3EOP JH0BQX JK1TCV K4JAF N2LM N4RWG N7IR PY2IQ S55DX W7ZJ WA4FFW	290 AA4A DS1JFY I4KDJ JA1KQX JA1QXC JH3GCN KD0PO LA2QM LU3CQ PP1CZ SK3PY SV3AQR UN7LZ UN7TW W1EQ W2LK WB9EEE
301 AE5E AJ6T CU2AP	298 5B4AHJ CT1FCX DL7BA	295 DL1DUO EC3A IW0SAF JA1BPA JE2DZC JH4ALY JM1FHL JN1RQV K0BBC K0TPP K1GG K4XD	292 DL5CW	

289 DL9TJ JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX	IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN JH1BNC K1LPS K1RO K5PS N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI W9MJ	283 DF2GH JA1RTX JL1XMN K3WW KJ6P N6TA OE8SPW W1LW W6BJH	W8LGJ ZS4TX	DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1YRC W1ZT W2OIB W5GO
288 CT3MD HB9RYZ JA2JRG K1DG LZ2JE N4LR N5LZ N6UK ON6AA UA3AGW W1YIF W2LE W2NO W3FOX ZS1A ZS2EZ	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU K1USA K6G XO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	282 K1DT K5UO K8ROX PC3T RD3AW SM4CTI UA0BA W4OX W9HBH WN6W XE1KK	278 9A4T CT1FPQ EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM4AZQ VE3CRG W4MAY W8MHW WF2S	275 AB4SF JE1BMJ JG1OGM JI3CJP N2JJ N7KA ON5UE PA7RA WA0RVK
287 9M6YBG AA8LL AA8R IV3GOW JA9NLE JE2OVG K0AZ K5RT LA3MHA N3VA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR IZ3ENH JA0DET JA8CJY JG3SKK JH3SIF JN1BMX OE2GEN OH4UI SM0CCM SM6CTQ W1OPD W2AY W4FQT W5ODD W8BBQ	281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8HC W8KEN WT4Q	277 EU1KY F5PBM F5UJK IZ4DPV JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM W1KSZ W2PP W3BW W8RLS WA3C	274 EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ W7MEM
286 AB5A CT3HF DL2VPO HL3GOB		280 CT1EAV GM3PPE JA3XNH JA6TMU JF1NZW JH1HHC JN7DOS JR6LLN JR7FRW K0TT K4WNW PY2DS SM5CZK UT7UV VK3HJ	276 AA6AA	273 7M4AOE CT1BWU DH2PC JA1KPH JA2TBS JA6BEE JM2RUV

K4RG
LB2TB
N4IG
NA5DX
OZ1ACB
OZ4VW
RW7M
W4HG
W8QZA/QRP
WA0MHJ

272

AF9H
DS5ACV
I5OYY
IK5PWN
JF1LMB
JH1OBS
K1UU
K6IPM
K7EG
K8BL
K9MBQ
KA1ERL
KB1EFS
KI4GE
N2DPF
N4JQQ
N6PSE
NV9L
OE5FIN
PA0ZH
SV1ACK
W2OO
W3ACO
W3AP
WA1S
WL7E

271

4X1RU
HL4GAV
IK2DZN
IZ8EJB
JH1OCC
JM1HJG
K3PU
LA9GX
N4UOZ
NN4X
UA3TT
W1MK
XE1MEX

270

7K1PTT
AA4FL

BA4MY
DK8MCT
EA1KY
F9XL
K0BJ
K7UA
K9JF
KI5BLU
N4QQ
OE3HWC
PU2POP
VE6LB

269

HB9IQB
IK7FPV
IK8EPC
JA1OVF
JA1VLK
JA4VLK
JA6GPR
JH3FHQ
JP1NWZ
K0KT
K6EME
N6RV
NW7E
OM4EX
SM5FWW
YB1AR

268

HB9BUN
JA1IAZ
JA1NWD
JH4HMG
K2KA
K6BV
KD4W
N2AJ
N5JB
SM6BGG
W2FV
W9OO
WA1YTW

267

DL4DW
IV3VBM
JA2QXP
JA7BEW
JA8UIV
K5VWW
K7XB
SM5BMB
W6RS

266

EI8IU
IK0UTM
IW7DVM
JA3BXF
K8AJS
NU1B
PZ5RA
RA4CA
SV1HEP
VE3YF
W0FLS
W7Yaq
W8MET
WB2GAI
WB3LHD

265

4F2KWT
G3WPH
JA1VRU
JA4FM
JH1ACA
JR1WCT
K2CBI
K2SN
N5KM
N9JV
SP6JIU
VE3SKX
W5DM

264

4Z1UF
EA1KP
F6DBX
HB9DHG
IK4AUy
IZ0NRG
JA7HRM
JR4LNG
K0DD
K1CA
K8RRT
N1EN
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF
W6TMD
WV4TN

263

DK4TP
EA3CJ
EA4DL

HA7UW
JA7XBG
JR8AMF
K1KO
K4KAY
K8FH
K9FN
KN6KI
N1RR
N7BT
NA5Q
NF1G
SM7IUN
W0GG
W2XI
WA4LOX
ZS6NJ

262

CU3EJ
I5REA
JA8BAR
K8AV
LA6UL
LA9FFA
N3RC
N8OC
NK4L
NX0I
W5ZG
W6NWS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
WQ6Q
YB2DX

261

7K1CPT
DK3PZ
G3UAS
IZ8IEV
JA3FHL
K2FW
K7LJ
KM1D
LA5SJA
N9UA
OM8FR
SM7CQY
W0JM
WA5LFD
ZS6WB

260

AA9A
EA8MT
EA9IE
EC1AIJ
F6HLC
FG5FR
JA2FBC
JA3VPA
JA3WLN
JH3FUK
JH4ADK
JJ2WOC
K1ESE
K8YSE
LY1G
N6MZ
NT5V
SK7AX
SP6A
TG9NX
WS9V
WV8DX

259

CT3KN
DJ8NT
EA3EQT
EW1BA
JA8BNP
JE2RDO
K2UFM
NI3P
PY5CC
W1KDA
W7AH

258

CU3EQ
DK7YY
HL3AMO
JA9AGN
JR3UIC
KH2L
SA0AQT
US0YA
W1SSN
W5JAY
W9EWZ
ZL2IFB

257

AF4HX
DJ0UT
DL9FCY
EA1JO
EA7SG

EB3CW	KI1U	K8CW	248	244
IK2PZC	LA5YJ	KG9Z	AK5X	G4FKA
JA6OXT	NE8P	KJ7TEA	DS5DNO	IK8UHA
K1SM	UA3O	N4SC	EA4DEI	JA1CZI
N1API	253	N5UL	G3VPW	J16IHG
N6HC	AC9O	NV4B	HB9DOT	JN1NBU
PY2MC	FG4NO	W2JLK	HL2KV	K0KG
RU1AB	JA6IVR	W2TB	JA1PBV	K1YR
SV1VS	JA8XQI	W3ABT	JE2VLG	KK1W
W3FI	JH2PWY	W4SK	JJ1SKG	W0QQ
W8MJ	K1FEV	W5GAI	KF9UG	W4REX
256	K6MKF	W8OP	N4QWZ	W5PJR
BH4QYX	K8DV	250	N4XP	W9FI
EC1A	KE1F	6K5YIA	N6KZ	WA2USA
FG8OJ	N7XR	EA1RT	SV1IW	WA3F
GU0SUP	UA0FO	HA7TM	W8IW	WA8MCD
IK4HPU	W6RW	HB9EFK	247	243
JA0KJE	W8GNM	JH6PFY	CT1FUH	DS5TOS
JF2VAX	WF4U	JL1MWI	K1PL	EI2HY
JH1RGG	YB0COU	JR0EQG	K3VAT	G4XRV
K4JJW	252	JR5JAQ	KH6M	HB9EBM
K6EID	DL7UPN	K9YC	N7DED	JA2EPW
M0TTB	F1ICS	K9ZM	NA9RB	JS6TWW
N1SV	G3KWK	KQ3F	PY5IP	K8ME
VK3NX	G3NKC	OH2IS	S51NM	W1BR
W6DE	JA1BNW	PA0JSE	W7IB	W4PNY
W8JRK	JA4HAW	PY2FN	W9JJB	WX2U
WB7B	JE1HRC	W7HPW	WS5W	242
WV9L	JF3PNQ	W7IU	246	EI9FVB
255	JF6XQJ	YL2KF	AA7G	JA4ZA
AI6Z	JH4CBM	249	GW4TSG	JH1ERJ
EA5RD	JL1BYZ	AF5CC	HL2EIZ	JH1WJR
F6ECI	JR1VAY	HL2CFY	IV3KFB	JK1VXE
HC1BI	K1EFI	IZ8GGF	JK1WSH	JR1MLU
HI8R	K5FZ	JA8FFM	JR7GBL	K3NQ
HL3DE	KB9DAK	JH1APK	K3EA	K3WWT
IV3TMM	N6PM	JH8GEU	KB6CIO	K4PB
JK1OPL	OH7TV	JJ1QUV	W1KMA	K7FEL
KR4F	W2GW	K1KA	W3ICM	KJ7M
N1RK	W2ZI	K9NR	W5ZO	N2NS
N5BO	W7CA	KF7F	245	N6HY
VR2XMT	WA4CEM	KM6HB	AJ8MH	NF4A
VU2CPL	WA4JQS	N0RN	G3KMQ	PA3BWD
W2/CT1GIF	WV6E	N3KN	HB9JOE	RC2A
254	251	NH6T/W4	JA3QOS	VK3BDX
BA7IO	9A4W	OZ5NJ	JJ6DGP	W8CZN
CT1BWW	DL2RTL	SM4OLL	K5IB	WC3W
IZ5YHD	HA5PT	UN3GX	KF7PG	241
JF2WXS	JA1DDZ	VE3YV	N0AH	AB5C
JH1VUO	JA1EMQ	W0RX	N2NW	G8AJM
JH2VVH	JA1SKE	W8IQ	NZ3O	IS0AFM
JJ1BMB	JA5BGA	W9RC	OE3KLU	JH1UBK
K0GW	JE1VTZ	WB8K	S55ZZ	JP1IOF
K3SEW	K4VIG	XE2D	YB0NFL	K7KB

KV1E N4OA N9SF W5DNT W5QM WB8CQV	W4KA WA4QMQ WB0TVY ZL4AS 237 CT1BOY G0VXE HB9CXZ JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL YO3JF 236 HB9DQV HB9ZS JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KS4S N4GN N6IE OE2BZL OZ7FOC PA0TCA W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX 235 EA7QW EU1U JE1IBI K0EOO K0VSH K4YJ K5CWR K8ZM N2FF N4IQ	NA5Z NJ7G NW4M TA1CM W2DXE W7YW 234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JH5HDA JK1BSM JR4LZX K0VM K4JC K4MF K6ZZ KE5FXE KE8UM KX2A ND4V SV8CKM W3WST W9MO WA5UA 233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA5AR JA0KJD JA3NHL JH1SOD K8BN K8EAB KK9H N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF WE4S 232 AC9EM EW4C G3XLF HB9DVO	HL2ZN JH0OXS JH3GFA JH6DUL JR3VMJ K4ST K5FNQ KB1DMX N9PGG NY2NY RQ3A SV8DOU W6CYX W9ZCL 231 AD5WB DK6OR IK1IYU JA1MZL JH0AWC K2RU KD6UO LZ2XF N8HRZ NA4EA SM7NDX VU2DCC W4UDH 230 G3LUW JA5NPV JA6AVT JE2EBT JH7WQX JI1VVB K2SY N4TOL W2KA W8FIB W8WVM W9YE WB2NPY 229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO K0HD K3FM K4CMS KD1F KI4DLS	N3PS N4NW NE6I UR5FEO W1WC YB1TJ 228 7J1ADJ AA0MZ EA5B F1RAF F5LIW JA1OVD JA7QQQ JF1RYU JF1WLK K4KGG KE0A KE4UW RA3QUA UN9L VR2CH 227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5RF W5SL WA9GON 226 DM2RM I0OSI JH1IED K2BA K2SD KK0DX KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK VK4CAG
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W7HR	KI6CG	W5THT	K7LV	IV3FFI
W9DX	KW4V	XE2X	KK4OW	JA0LFV
	N4ENE		KR4W	JA1FVS
225	W8LMG	219	KX4TT	JG1JPE
DK5RL	WC4H	F5JSD	LB6KC	JG3RWX
DS4AOW		HB9BNQ	NC4RB	JR1EFG
EU1M	222	HL5BMX	PS8ACL	K5ALQ
G3SBP	AK5Q	IK5QPS	W0SR	N6PEQ
JA0EVI	DJ9SO	JA1FJJ	W5VQ	N8GP
JA4CZM	DL5XL	K5CD	WB3D	NA2M*
JF1MTV	E77S	K5JZ	WS1L	VK3FM
JH8NQV	IZ7AUH	KD2T		W1LE
JL3OUW	JM1VRW	KE6V	215	W3BJ
K0IL	K2AT	KG6I	9H1EJ	
K0OK	KB5UNX	KI7AO	AA7XT	212
K1JIU	KS4YT	KR2Q	AA8SW	G4ZOY
K2HAT	KU8X	KR6C	DS4GKF	JA1BWA
K3SF	RA4P	N1KC	HB9IIO	JA3LDH
K4JWA	VE7BV	N6DX	I5XFD	JR2PZX
K5YU		SV1FKZ	IZ0BVU	N4FN
MU0FAL	221	W5GA	JP1GUW	SM5AOG
N0ODK	EA2AAZ	W6GRV	JR0AMD	SM7GIB
NA2AA	IZ1JLG	WA3I	JT1BV	VK5GR
W5GZ	JI1NJC	WC2K	KF4NEF	W5DAW
W5LO	K4CGY	WW8W	KO6KD	WW2DX
W5TFW	K4MV		N8NN	WY1G
W8UV	K5DV	218	RN9N	YL2TW
W9KVR	K5ZQ	DL2NOM	W0FG	
WE1P	KU4XO	DL4NBE	W0TT	211
YO9FNP	KV4AA	G4VMX	W1JGS	JE2KSM
	N9JR	I7PXV	W4IS	JJ1JMZ
224	NY1V	KE3D	W6SL	JJ1KZZ
JA8NFV	RU0SN	N4JT	WA6HBR	JO4JDU
JO1LVZ	W0BM	SM7WVZ	ZL2AL	JR1JGA
K1CBK	WA0WWW	TZ4AM	ZS2Y	K3SX
K2TER	WB0N	WA2NPD		KT2C
KZ5DX			214	N1BY
N3RW	220	217	3A2MW	VR2XLN
N7WO	AA6RR	IK0CHU	DJ3AS	W6UC
RW4CY	DL4LAM	JA2NNF	F4GVO	W6WF
SM7BHH	EA5DFV	JA7ZP	HB9VAB	
SP6AXW	JH1OGT	JG5RVQ	JA7DPC	210
V51B	K1DJ	K1RH	K0QQ	AA4LR
W7NN	K1NJ	KK2M	K2AZ	CU3AN
WB0O	K1NTR	KU4BP	N9KW	JA7FAS
WN6K	K1TZQ	N6QI	PY2RO	JH6RTO
	K4EU	OZ0J	SP7ICE	KD4SN
223	K4MIJ	W0TM	W0KCJ	KD8RQE
AB4UF	K5MT	YO3IPR	W4WN	LU4FW
AF2C	K6MM		WB6BFG	N8BK
EA7DUD	K7AWB	216		PY2WC
HB9HBZ	K9WX	AC4VM	213	S54A
I8MTQ	KV4T	CX2CC	9A1AD	W5WP
IK2RZP	KZ9DX	DJ3XG	AG3V	W7FP
IZ8MBW	ON4ATW	EA2AFV	DK3UA	W9IL
K0NV	SM0DSF	I1YDT	HB9HIT	WA9BZW
K6IPV	UR4IOR	IT9AAI	IT9ODQ	WK8A

YB0DJ	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ N8BJQ NW7US W7IUO WA3WZR	JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	199 AA3TH AC0X AD4AA HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX ND3L PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JJ2KDZ JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME WI7P XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD NN9X W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND NN5E RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3ML W3SB
208 DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J*	204 JL1GYZ KB5HC KM9E N7ELL VU2IBI W4GP W7IV WB8BZK XE1L	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU IV3AVQ JA2MNB K6TAR K8SIA KD1AB W4DAO W4HZ WQ5R XE1H	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
207 9K2BM DG5LAC JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTV	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB VK6LC ZS1DX	196 CT3CD DF2UA G1VDP	193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW JA3PRM KM1C LZ2ZG NU4B

PY8WW SM5ELV SP5IXS W8NN WA9DU WB6CJT	K7UT K8ZT/QRP KD0AA N3AIU N6MXU OT1A SM0BYD VA3OKG W2OR W9ROG WA8LRW WB4GLI	XE1YD 186 K1BZ K5EWS K5QX K6EGF KC6X N5QS W8RV WA5IPS WZ4RC	AE4M I5FLN I8LWL JA6SQR JI1CQA JK1DDG K5DCW K7LAZ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	SP5ELW W0UC W0ZS W1HS W4CCS W4TUN W8QXR WC0W 178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KL7TS KU1T N4ST N5FEE N6DHZ OZ1HPS TF3JB W7HUY WB6AXD
192 F6FYD IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG WQ5T YB1TQL	189 AA4UC I0LYO IV3KCB JA1SGU JG1SWM K3HW K5RKS K5TN K6UXO KY5I N2MEE N6NU ON6KE RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP	185 JK7LXU K0KP K3PP K9AQ KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WV2I	181 EI3CTB IZ4AIB KY6R N1HO N6VS N8AYY NV4A UA9AEU W6TK	177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K0KV K2JL K2MK K3OX K8YE KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
191 AA4NC G4XEE HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K3DFL K8QKY KF2OG N4DWK N7MQ NK7C NO0B OV5O OZ7DN VK2HV W5IP W8UQ WB4DNL WF1H WI8R	188 EA7AN JA0GCI JH7NTW K2AX K2DC N2ZZ OZ9XU PY2RN W0PE WV4V YO2DFA	184 AD6ZJ EA5RU IK0HBN JA7FVA K3JM NW7M SM2EJE UN7BY UT7KF W6BK WB2HJV WB3BFC WB5STU YB1RUS	180 A61BK AA4AK DK1NAL JH1IZR K8SL N7VPN NA5S VR2XYL W0MS W4DSM WA6EZV	176 DL6NW F4FLF G4AYU JH8FIH JR1FHP KK7YC KT8D
190 AA4U DJ9KV EC7B F4DSE G3WW HL4CCM JA2ITK JA3AVO JH8KFE JI2UDK	187 AF6PK EA5HM F4WDL IK8GJR KM4NS N6VNI W2CG W5ZE	183 IU0ICA JA2KSP JA3UNA JE4CIL K6LRN LA7EIA NA2U WF8R YB2TS 182 4X6KJ	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JK1JAS JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV	

KW9U LA4JGA N1JP NM1G VE1VOX W4LEW W9WO WA3GNW WD4IXD	N9DR N9IO NC7B NX2X SM0EUI W2PD W4DTA W7VAS WA7BNG WY7FD	LB7ZG N3WD N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	KE3X KH6XT N1ZJ N4PL N8JS N8OQ N9ATF PT2ADM PY2SEX WA0SXV WA5NFC	W2FS WB2WPM WB9PNU WC4X
175 AG5CN EA6UE IU8IYE IW1PUR IZ0CKJ JE3PCP K1ROA KD4POJ KF6HI KN7D N7NG NS3L UA1OM UA9AGX	172 EI1DG JA1BON K5TA LZ1XL N3AO N5PA N7GCO SP5ES W1ASB YB4IR	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N4MI N5MT N6MB RD3BD SV1IZY W6FL WA6QGH WB8EKG	166 AL7R DL1SVA GM7NZI HL4XM JA1PVX JG3KMT JR6GHN K0FLY K7CTV KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K6CF K6GFJ KA1API KB7QFE KD8MQY N2XQM N7WI NA2P PT7DX S50B SP7QHR W6SIY W9CSX
174 AD0K AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K9HQM K9UQN N7NW NG9J TF3VS W5JMW W5WI WA4BIM WA4NUF WB8QZM	171 AA5N AD3C CT2GZE DL5MM F9CI JJ1BDX JS6QOM K2TV K4NTO K4WY KB0V KC5LK KP4DKE N8WRL NA6O ON6MX W0MU WA4DOU WA5KBH	168 A92IO AB4GE EW1P JA0PZJ JE4KCN JH1ORA JH3EQP K0PC K0PX K0RAR KF0RQ KM4HQE LU8ADX LX1CW OE1ALW R4FAN SV1XV VR2MY WA9IVH WX0Z	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JF1KML JR1KBJ JR6LDE K3VPZ KG4CUY KG5NP LA2XPA N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC	163 4O3A AA4OC AD5MD AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO OH3PYY R3IS SM7CZL VA2LC VU2MSA W1OK W1XV W4PGM
173 AB6CF AI9U DM6MA HB9DVZ K6UNE K7STO K8JE KI6MQX LA9VBA N7HN	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JG1RYQ JK1BIB JQ1PCX JQ1YIW K6JJ K7CU LA2GH	167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN		

W8MIL
WB9B
XE2YWH
YO3DDZ

162

4F1OZ
AB1J
BH4IGO
DJ7JC
DS3EXX
EA2AGV
HS8KAY
JR4CZM
N4BAF
NP3CW
W4NBS
W8FN

161

HL3ERJ
JP7FSO
K2OP
K4AR
KM4A
N7QT
N7VZ
NA6XX
OK2ZDL
SM3PHM
W5BK
W5RDW
W6DOE
W9GG

160

E70T
EA1WH
JA1ITJ
JA1UOA
JF3VEC
JG2LGM
JK1EBA
JK1NPH
JR1CAD
K7LY
KC9K
N0IW
N4MEC
N5WA
N8IL
NI5F
W1TO
W9FF
YO8CRU
ZS6RJ

159

AA3AZ
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DD0VE
DK8IZ
EA1P
IK0WMJ
JA0ED
JA4FKO
JH1BHW
K0IO
K1EDG
K4SAF
K8EB
K9QJ
KC4HN
LA8ZAA
N1MD
N4GBK
N4VG
NE5S
NF7D
VA3NXM
W1EBM
WD5BJT
XE1MW

158

9J2BS
G4SGX
IK1UGX
IK3DVY
JJ1KXB
K4HQB
K8GWU
KB2XJ
KC3AK
KF7NN
KJ7NO
N0SL
N4XMX
N6MM
N8TFD
OH3DP
W0JMP
W8LIG
WB2RAJ
WB9ZNZ
WT2P

157

7N3IJT
AB2E
E20YLM
EI2JD
GM4KHE
JA0NZR

JA1UBZ
JA3MHA
JE3OUW
JG1XBM
K0SRL
KN7Y
N4QM
N6VH
N7JB
N9AZZ
N9MB
PY1NS
W3HKK

156

EA3HPX
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HB9MXV
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JA2ODB
JA9RT
JH2AJY
JL3DGI
JM1LPN
K2HT
KA9OKH
N5QZ
N7RD
W1MR

155

5P5Q
DK3QM
F6KOP
G0THF
HB9GWJ
IV3TDM
JA0EBV
JA6SUY
K2DF
K4EZY
K4WM
KM2O
M0IFT
N1QY
NH6L
NK7Z
NO9E
NU1T
OE1HHB
UT7EC
W5SV
YB1AYO

154

AC8TO
AJ8B
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IZ0FUW
JA0GZZ
JA1IHD
JA4HXF
JA8ANQ
JE6PJP
JH1AQN
JM1JZN
JR3QHJ
K5DXR
KC1ERO
NE5W
W4CIR
W5TMC
W8TM
WA9MAG
WN7J

153

HB9BEM
JA3UOQ
JH2NWP
JR7MAZ
K0YL
K3GO
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K8ROK
K9MMS
K9YZ
KF9LI
KK4XL
LA2IR
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N0VVV
OH3FVP
SP5NON
W3DIY
W8OM
W8VK
WB4SON

152

AC6BW
AK9B
BX5AA
DF2WF
DU1KT
G4AFJ
IK5BSC
K2EK
K4RDU
KD2OV
KE9S

N8IK
N9GKE
ON4LG
R9JX
W2NY
W6RFF
W7JET
YV4DYJ

151

DF1IR
DL4KUG
J68HZ
JA2BUR
JI3BFC
K1QN
K3GW
K4DET
K7LAY
K9AAA
KE4BKL
KE8G
KK4CLY
N7MB
NU4I
SM0NUE
VA3EJN
VA3HP
W3HER
W5WLA
W6WA
WA9JWL
WC2C

150

DK3BK
DK3FB
DL9SAD
IT9ABN
IW7EDZ
IZ2MHT
JA7GZM
JR7XOD
K5HK
K8WHA
K9RT
K9UWY
KI7M
KX5U
N6JOJ
NM4SH
ON6ZV
SM0BSO
VU2NXM
W3KB
W4IDX
W4NE

WL7OU ZS1C	IS0/YO3RA JJ0LZQ JK1OTP K3GGN K5UZ K8MRT KB1HY KB9LIE SV8RX VE3FAC W3NRJ	144 AD0TR DL6DCD GM0VIT K1TKL K7QBO K8OS N5UE RN0C TF5B UY2UZ W0AIH* WB9W WX3P	EI3ISB HB9EXQ IZ3XEF K2JK K4RM K5VG K8RCT K9AAN KA5SYP KA5VFU KE7BMG NZ6N SV2JU W1ITU W1NA W3IZ W5GOL W6HDG WK9U	R9MJ TA1PB ZL3TE
149 7N2JZT DS4DRE ER0FEO JA0JPD JN4FNZ JS6SCC K2KIB K2RET K4TXJ K9EXY KD4EE KM2E KP4DS N0STL NE0U NU4Y NZ0O RT0F TF3Y UA9MC W1DAR W4MA WA1EHK WF7T	146 AE5B EA4D HP3TA JA3KWZ JE1COB K1IG K6NR K8ARY K8POM KB9AIT KM8AM N6FS N6RK N9MR* NJ1Q SM3DXC TF4M WA2MUA WA3SKQ WW8RT XE2B YB1BML ZS6UT	143 AA4MM AF3X EI7JZ FM5DN HB9AAA JA1MOD JF2RSF K2OO K6LPO K9BQL KE4FW KG6D KJ2U KJ4R KN7K LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	140 AD9DX EI6JK JJ1OKK K0UBR K4AU K5GZR K6EV K6GCN K7VC K7YMG KO4DKI LA8PDA LZ2HM N5JED N7TW NS0D VE3NJC W5VU W9BS WB1ASL WW6G YB3MM	138 AC5AA DL5KUT DL5ZB G0FWX JA0CVC JA1VRY K2YSY K6CW K9BO KC9G KF6A KL7NW KU9S N3PV N5RN N9BVA OD5YA PV8ABC V31CQ VE3MSC W0UHL W4DWS W4EJG WA5POK
148 4F3BZ A71AM AE0MO AI6P F5NNN IW5EIJ JF2AIJ JR3PKO K5LY KA3GWD KB8ZUN LZ1MDU N0TK NJ6K PY2CP VE6TL W4AFB W4AG W8VI W9GM W9MAK	145 5T5PA AA5TL AC7JM AL7TC DL1MEV EA4S EA7LS F1OBJ JH1CTV K5FXB KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q	142 AA4DD JA1PUK JI1UHZ K2CJ K3GT K9UO KA6BIM KV7N LA1J W8WV	139 F5VML HB9ARK HB9DTE HL4CBX K0QB K2WJ K9TRV KX4I N0CKC N2SG N7NF N7UJJ	137 DL2RD G3PSM HL1MKT JH1SBE K2CDJ K2RKJ K6IRA KP4N N9NFT NI4Y OE3JAG SM5CSS SP3EPG TA1AL W2GGY W4UEF W9MR WA0WOF WA5YOM WG0G WS1F
147 AB9KZ EI7GY G3VQO I4JEE		141 7K3QPL 9H1AE EA1T		136 AC9GK DM5JBN G0OSK

IS0EBO	N1AH	N4QOG	JA1PLT	I2YPY
NT5EE	N2TC	NN3V	JA2ACI	JA0BES
ON5GF	N6XT	ON6YH	JA3WMS	JE2VYM
ON5RKN	NC6RJ	PY2OP	JH1RFM	JG1LRE
VE3FRR	PA0QRB	SM7DXQ	JM1CMA	JG5DHX
W0ANZ	SM3WJU	UW7UA	JN1SUT	JH1HRJ
W4GH	W2KNG	VU3WEW	K7ORK	JI1MNT
W4PV	W4UAT	W3KHZ	KB4KBS	JR1LZK
W7KKC	WB1DX	W4MC	KN4WOJ	K2GW
W7SX	XE2AD	W5FL	N9AVC	K7LFY
WX2K		WA1HXX	PY3OG	KF3N
	133	WA1KXV	SM2YIP	KS8W
135	7J1ABD	ZS1EL	VK5CE	LA2LI
AA5H	DL8OH		W7TG	N0AB
AB4FH	G4NBS	131	XE1ILI	N0DL
F6FHZ	GM1BSG	EI5GM		N1BZ
GM5YTT	HB0WR	JH1IYY	128	N3GTG
HZ1GW	HK4EB	JK8VMB	A71XX	NA1RL
JA1DCK	JA5IBP	K0ARM	EA1AHA	ON5EQ
JA3MIO	JM1JIV	K7GA	EA3NG	VE3EDY
JA7MWC	K6ME	KA5IAU	EI3IO	VU2TMP
JJ1HLL	KC2STA	N0AKC	F4GTB	W0MF
JL2ULM	KG6WIK	NG4DX	HL2DBP	W3KN
K3HPA	KI4TZ	NN6K	JA6NQT	W4BH
K3WGR	KR4DA	VE3NKS	JH1AWJ	WA2BOT
K4OP	LA9KY	W5EC	K6OJ	WB2KSP
KC3RKW	N1BKB		K7PTC	WB9TFH
NX8Y	NT9F	130	K9YKL	
S53MJ	OH4KRN	AA4QE	KC2WUF	126
W5IO	OH7HM	DL1SWN	KD5R	CU7AJ
W7QHE	VU2ABS	JA2LMY	KG2U	DS3EXT
WA7HR	W1GY	JF2OHQ	N0JR	EI4HH
WB3AVD	W3MF	JH3PRR	N5EI	IK4TVP
WB6FWS	W6OUL	JL4BSE	NR0Q	IU8GNY
WB9IWN	W9SE	K2MHE	R3BB	JA5CDL
WO5I	WA6MRK	KB3IFH	UR9IDX	JA5XPD
	WB1S	KD2NF	W0QD	JH4GXE
	YO3GJC	KI0HA	W5MF	K2GLS
134		KN4JX	W6IS	K5KDX
AB0RX	132	N2YF	W8BI	K7PO
DL4ZAB	AA4FU	N5JEY	W9EBO	K8GT
EA6AZ	AK3E	N7TM	W9TO	K9QA
IZ8DEO	AK6I	NS4F	WA4UWD	KC5RR
JA5SEY	I8NLC	OZ6TL	WC4V	KC9WPS
JA6GXP	IK8OZV	PU4MMZ	WP4CQ	KK4CB
JR0GXA	IZ0COI	W1MO	WQ1H	KM4CQG
JR1HYA	JA9KRO	W2FDM	ZS6AKU	KS4WA
K3KY	K4BNF	W9CTJ		N1GNB
K7FL	K5SES	WB8RFB	127	N5HC
K7RAN	KB8KIM	YB2IQ	7Z1HL	N8YQX
K7YZO	KD3UY	YO8PS	AG4TO	N9XG
K9JDP	KG8OU		DJ5DT	VE3TMG
K9SUH	KI7HO	129	DL9GTB	VK2DAG
KA9JCP	KK5ID	AD6KQ	EA4TX	VR2VGM
KD2SC	M3DFW	AE7U	G8BCG	W7FI
KF5WCP	N3TR	DS4EJA	HB9TJG	W9COS
KN4OK	N4EDT	JA0AVS	HK6K	XE3E
LB5GI				

125	123	W5HNC	JH5OTE	N3HYB
AC4XO	AB9BH	W6HB	JJ1XVA	N8KUS
AF8C	AE5FM	WF5I	K3QB	VR2CC
EI8GS	AI5EG	XE2MX	K9CHP	W4VG
G4EHT	DJ6OZ	121	KJ6Y	WA7ZXD
IK8PGE	DS4DBF	AB4BJ	LU3XX	WA8RCK
IZ8EYN	G6NHU	AK0A	N0TR	WB5TOI
JP1GVC	IK0XKP	DL7UGO	N1TQP	ZS2I
K0MD	IZ8LMA	HA2EQD	N2SO	117
K5NOF	JA1GLE	IK6BMU	N3DV	AD7L
K9ARZ	JA2HOL	JA1CPN	N3GS	CE3FZ
KK5J	JH1RVQ	JA1EYN	N4UFP	F8EZE
KK7BR	JL3RNZ	JA1WTO	NJ8G	IS0BZR
NA7RH	K2JGL	JE2DOD	NR2D	IZ7QFN
NN6CH	KC2THY	J15WDC	VE3QAA	JA9KA
SM5AFU	KD0KZE	K1LTJ	VR2ZXP	JM3GXU
TF3MH	KG4OJT	K3CWF	VU3RGB	K0FF
W0XE	LA2XNA	K9MQ	W1RG	K4AEH
W3ATV	LX2SM	KK4ODQ	W5RYA	K9LCR
W4AO	N1GFV	KU2A	W6GJB	KA4AHU
W5CWQ	N6DVR	N3ER	WT5L	KB2S
W6PG	N9RE	N5ZY	YB0AZ	KB5CSQ
WA1LAD	OH3TY	NA2R	119	KO4PY
WA4TMJ	PY2ADR	NA4MM	DL2VWR	KP4ED
WM4AA	SV7CUD	NY4G	F5BAR	KZ1X
WR2G	VE3VHH	OZ6EI	HL2MHU	N8AGU
124	W2ARP	PP2FN	JA6JYM	VE7NY
7L3SQL	W2WGK	TA1L	K7LOL	W3LWH
DJ3EJ	W4UT	UA0FDX	LU9DO	W4ARK
EC4KW	WB8TGY	UR5FLN	N8LCU	W4PG
EI8IQ	WU7X	W3/NH7C	ON8PHD	WB9WHQ
G4RGK	YB9WZJ	W3JXP	SV1BYI	YO6HOY
IT9YOZ	ZS6NK	W4CC	SV2KF	116
IZ1UKF	122	W4KCM	VK7AP	6K2ILX
IZ5BYJ	AA0BH	W5UQ	W1ZK	AA0FT
J11DMH	AA5B	W7PC	W3MRL	EA5GXI
K3SUI	AB5YI	W9MB	W6ZPL	EI4BZ
K6VVK	DB4RG	WA7HQD	W8EOG	G8GHD
K7HC	G0HSA	WB7BBQ	ZL2AO	IZ2CSX
KB8DID	HC1HN	WQ8T	118	JA2KPW
KC2NJ	IZ0FYW	WT3Q	6K5AQY	JT1CO
KC4AA	JA9ALR	WU9D	AE1T	K1EO
KD9ZR	K0HQW	120	AJ6X	K4GHS
KK4TKJ	K1AJ	AA2T	DJ9KM	K4LCP
KV8P	K3DQB	AC4TO	IZ0RPS	K8JRK
N0YO	K4VAC	AE5LK	IZ1JIZ	K8MN
N4LSJ	K9KJ	AI2S	JA6CMQ	KC1RET
N5VBK	KB4ET	CT7ABD	K9GWH	KD5RBU
NT4K	KN9N	CU2CE	K9KJS	KQ5S
W0DD	N1ZZ	DS3DNT	KA9JAC	N0ATQ
W6ELI	N4GRC	DS5QLJ	KB3KJ	N0UCR
W6ND	N9ATD	F5AQB	KD9BIE	N2ZL
W8PAT	UT9LC	IK8IPL	KG5VK	N4KEB
WW5L	W1ES	IT9JPS	KX6C	N6DW
ZL3REX	W1HEO	JA1DCO	LZ1XZ	OE6CLD
	W1KKG			

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SM1NJC	NK5K	G0DTX	W8PE	J11ZS
VR2IL	W0QKL	G3YFE	WB8PKK	K0FD
VY2RU	W2ZK	GM0SCA	WU4B	K4AEN
W1HQ	W8LR	IK4EWN	XE1ZTW	K6JAD
W7WES	WD0AJG	IS0BQE		KB3Z
W9LU	WN0L	JA4RED	110	KB7DT
WA4VJK	WT9U	JF3AHI	AC0B	M0AQM
WW5RC	XE1EE	JH0LME	AG5Z	N4LS
	YB2BNN	K0XM	CT7ANG	N4WD
115	ZS4JAN	K4HEB	DK4MX	N6RVI
AA9WO		K4ZMV	EA1BLA	NN8L
AF7WM	113	K4ZRJ	EI9HX	NW6R
E74A	AB1NS	K8CJY	G4VWI	NX1P
HB9MZI	DL2DCX	K9KDS	G6MXL	NZ3M
HL4RBR	EA5DPL	KH6P	HB9BEP	PF7M
IW2FLB	EI2FG	KY6AA	HG6IA	PV8DX
JA0NPQ	F5EOT	N0OK	IZ1EPM	SP7ASZ
JH8LEY	F8GB	N8AID	JF3KOA	T88UW
JJ2VLY	G0UII	NQ4A	JH1FRW	W3GP
K5TU	G4NAQ	NZ7Q	JR2PAU	W4JDS
K8CR	G4YCS	S51DV	JR4DHK	W5SG
KB4CRT	HB9GZE	SP2LLP	K3MSB	W7CB
KB7V	JA2CPD	W1USN	K4KAL	W7VP
KG4URP	JA4CSJ	W3WN	K4RP	WA6URY
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N7PIB	JG0HEW	W5GCX	K6SLO	108
NE1RD	JH1GNU	WB2UFF	K9TVG	7M4CLF
NG0G	K1JKR	WD8LTM	KF8PD	AC8MR
NW6V	K2KNB	WF4W	KN6HIP	AC9DX
OE5MPL	K4JDJ	WJ1B	KV3W	DB9CR
SP5BMU	K4JLD	WN1M	N1TQ	DL1TPY
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W5WS	K7MO	AD7XG	TF8GX	DU1IVT
WB4MM	K9DUR	AJ6V	W1ZZ	E70X
WJ5K	KA5OWI	AK4N	W5JE	EA5XV
WS4H	KB1OIQ	EI9CN	W6TCP	G5CL
	KB2TGU	F8DZY	W7YED	IK1RKN
114	KC0V	G4ZWY	W8TE	JA2DCN
G3CWW	LU3JVO	HB9ECS	W9GFB	JA2KGQ
HC1HC	M0NGN	JA4DLF	W9JJ	JH1OVY
I0BJV	NA9L	JA5EEU	YB1SKR	JR4NUN
JA1CCH	S52R	JE1TNL	YO5QAW	K1FUG
JA1CPU	SV2DSJ	K2KYH	ZS5LEE	K3XO
JA8EIA	VA3AYA	K5NV*		K8LBT
JA8WGX	VK7ZE	K8ZEE	109	KC8YG
JG4OOU	W1FC	K9JIG	AA4RX	KE3ZT
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K1RE	W6BBS	KM5VI	AF3K	KI4SFT
K2IRM	W7CD	N4NYY	DL9QJ	KJ2AM
K3PL	WB9YJE	NT5O	F5DBT	KJ4SKO
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N7TP	106	GM1TBW	K1TWF	M0UPL
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VE7VV	AC7DX	JA1JYS	K4WW	NB3R
W4DVG	AC8IL	JA1SZN	K5JUC	NI5G
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W7SMW	DS5MNO	JJ2BLV	K8WVA	VE7XT
WB5ZAM	EA3AGY	JK1AIA	KE4YOG	W0PPA
WC4B	EW4DX	JK1AKA	KE9V	W2SUB
	F5VIF	K0MB	N1FOJ	W4CU
107	F6JSZ	K1ETA	N3PW	W7KHZ
AB7RW	G0OJG	K5WE	N4PAJ	W7UV
BG8PA	G0RPM	K7CMZ	N4ZR	W8EH
DJ5FZ	G3LPS	K8FB	N8TEM	WA8KNE
DK2GP	G4FVZ	KJ8N	N8WXQ	WC9C
DS4OMS	HI7SB	KK4MA	NA8W	YB1ALL
E73D	IZ4IRO	KR0P	OM6CI	ZL1IM
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EI5GSB	JA3FRI	LA9JKA	PY2YW	102
IC8XIL	JF7NNI	LZ1JZ	RV4LC	4X1VF
JA3MAT	JJ1IRS	N2YU	VE3ZN	5H8HZ
JE1CTA	K6VWE	N9APK	VK3MB	5W1SA
K0FJ	KA9TOX	N9IXD	W0VU	AC0XY
K2FJ	KI4NSP	NC1M	W5PD	DB2WD
K2ZD	KM8V	NK7L	W9GXR	DL4FDM
K4LQ	KT5V	OH6IH	WB4HMA	IC8SQS
K6DLB	M0PCB	PV8RR	WB7QXU	IZ7QSS
K7UWR	N4DJT	VU2DED	WF8Z	JH1IHG
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KB0EL	N7MW	WB8LEM	YB1BUL	K2DH
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KF6XA	N9ZJ	WK3A	ZS6HON	K4HR
KI0KN	NG4C	WZ9B		K6BLG
KJ4FZ	NI7F	YU1LD	103	K6JAV
KR4U	NS7K	YV4EH	AF8P	KA1CTL
LU5OM	PT2DF		DS5JMG	KA8HDE
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NC7M	VE3BHZ	AA2WC	FM4LV	N2CJN
NI8Z	VE3XK	AA6XV	HB0RER	N2FY
OV2B	VU2MB	CT3DZ	JA7HYE	N4IR
PP5VA	W0TLX	DD8BA	JF1KIG	N8KOJ
RM6LW	W4/KL7GLL	EA4EJP	JI1FXS	NA4D
SV3EXP	W6KF	EI3HA	JP1KHY	NN5O
TA1CQ	W7GB	EI4GNB	K0OOK	R9GM
UX5XK	WA3IIA	F6ARS	K1FBI	S51MA
V31MD	WA8Y	FM5FJ	K2RNY	SM0XG
VA2GA	WV4E	G0DRM	K3PIN	US8ZAL
W5HY	ZL3RIK	GW0ANA	K3TXW	VK2GR
W8JA		HA5DI	K4NI	W1GF
WB2BXO	105	HB9BMY	K4PWS	W1MRH
WB2MKX	AA2F	JA1CC	K4SAW	W4GHW
WC2L	AI1W	JA1DHY	K6XJ	W7FS
WM4W	AP2IA	JA1RBY	K7HV	W7HJ
WS7I	DL9GTK	JH1MYJ	K9WMS	W7IMU
WU1U	E29TGW	JI4HKA	KA7CVJ	W9GWP

WB4PWZ	SV4FFL	K1HC	OM2AGN
WB7QBS	TG9AKH	K1JX	OR4K
WD6T	UA4PK	K1PTF	OZ1GCT
WD9IOK	VK4BUI	K2UF	OZ9GA
WN9A	VU2OT	K2UT	PY5VC
XE1SAX	W0ZX	K3NO	R2AB
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YB9AY	W2GHD	K3WSU	VA2EU
YO6BHN	W3RMS	K4GM	VE1JF
ZS2ACP	W3SW	K4KYN	VE3KKB
	W4PM	K4QS	VR2PX
	W6OU	K4RSA	VU2OY
101	WB5KSD	K5LLA	W0RMS
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AB2NI	WU6K	K5PSN	W4CG
AB4EJ	WX7B	K5VSD	W4DFU
AB8YZ	YB8HZ	K5YE	W4YR
C31MF	YO2OXD	K7VL	W5YKU
DD9WG		K9EA	W6OZI
DL3XAC	100	KA2F	W9KM
EA4UV	2E0XAR	KA4H	W9ZT
EA8TZ	9M8DEN	KB4DSL	WA2ALY
G3VDB	A41ZZ	KB6IGK	WA2VJL
G4GEE	A71EM	KC5N	WA3UTC
G4PUQ	AA7UN	KD1DT	WA3YZD
HB9PUE	AC0DH	KE1IU	WA6VZN
IK2HLM	AD4J	KE8NOA	WB0RXQ
JA1KZP	AE4VJ	KF5MDZ	WB2ZEX
JA1QEY	AF9W	KF5TL	WB6RAB
JA5ALE	AK1P	KF9EX	WB6RJH
JA5JUG	AK4AO	KG4IYS	WD1M
JK3NSD	DB6VH	KI0G	WD4GZW
K0GEO	DC1TK	KI3O	WI0E
K3AXB	DK1MCS	KI4PG	WK7W
K3LA	DK7GH	KK6MF	WM4D
K5HX	DL3ANK	KL2R	WM9Q
K8PGJ	DL5JH	KL7XO	WU1T
K9GL	DS4GQR	KR4Q	YB6LAY
KB5YN	EA5PS	LA4EI	YE1AR
KC3OPI	EI2HZB	M1EMC	ZS6CR
KC4ZA	EI4DQ	N0JX	
KD2RUY	EI4GJB	N0KM	
KE9UA	EW4A	N0VTZ	
KJ5RC	F5JWH	N1KI	
KU4A	G0GFC	N3NVA	
LA3ANA	G8GFF	N4GOA	
M0PTZ	G8GNI	N5CR	
M5LRO	GW0KRL	N5LJL	
N3CAL	HB9HFM	N5LKE	
N4PF	IK7NXU	N7WFK	
NC8I	JA7PKV	N7WR	
NJ2X	JE7KCI	N8HM	
NZ1I	JG3LDD	N8URE	
OZ5JQ	JG5VFK	N9MKC	
PA3AIN	JN1RFY	ND0B	
R2ARR	JR4VEV	NE3K	
RZ6MJ	K0JDD	NX6D	
SV2BXA			