

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 24 Jul 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	W7UT	SP3EPK SP8AJK W1YY WB6RSE WK3N	SM6CVX 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 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 F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA JA5AUC JH4UYB K2FF K4XP K5RK N3XX N5ZM PE5T W0MHK WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE			
	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JA6BZI JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU	331 DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JG3QQZ JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5EG
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
342 JR2KDN K4DY				

PY5HOT SP3E W5OZI W8UVZ YO5BRZ	AD5A DL7MAE IZ5EKV JA1SJV JI2KXK K4QL RU3FM SL0ZG SP9DWT W1ECT W2IRT W5FKX	JA5WIZ JF1PUW JF3KON JF7XKY JH2FXK JH8RZJ JR3GWZ JS2LHI K9EU K9IR OE2LCM ON4IQ R5AJ SM4EMO SM6CCO SM6CMU SP1S SV8CS W1RM W6RLL W9OP	OH2BLD SM6DHF UA3AB W7AO	W8GC
330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JI4POR K3WC K4CN K4ZYU K9CT N4JF N8JV N9IW NR1R OK1MP* RA3CQ SP7GAQ VE3FF W3NO W4UM YU1FW	327 AB4IQ CT1APE CT1IUA DK5WL DL2OE EA1YO EA5BM I4EWH JE2LUN JH0INP JH1TWT JI8DGO K0DEQ KW9A N6JV PY2YP RZ3AM SM2GCQ SM5CZQ SP6M SV1RK YO9HP	324 DK9KX DL5DSM FK8CP G0DQS G4CCZ I0WDX IK5PWQ JA2BDR JA2DPC JJ3PRT JR2LJO JR3OEH K5KC K9YY N1NK N8BM* NK1K OE8HIK R3OK VE2TZZ W3LL W8OI W9OL WB4TDH WP4U	322 CT1BH EA2IA F5PAC IK4GME IK8YTA JA4FKX JJ2LPV K2UO K6FG K7NN KA9CFD KU0A N4DW N4NX OH1LEU ON4CD PA3EWP R7DX SM5KNV UA4CC VE1DX W5CIA W5TCX WI8A	320 AA8CH CT4NH DM5EE I2EOW JA3PIS K1LD K4EM N4II UY5ZZ VE3EXY W3KX W5WT W6XA YV1DIG
329 GM3POI IT9DAA IV3JVJ JA2JW JA7KY JA7MSQ JH1GZE K0EU K1HTV N5AW NI0G NO8D OZ1CTK R4GM SP6CIK SP8NR W5XX WA1JMP	326 EA5BY JA9APS JE1SYN JF1WPB K5EK K8PT LU2NI N3NT N7RT OZ1AXG SP5DIR W8DCH	323 EA3GP GM0GAV JF1KKV KF0QR N5TY* N8RR NY0V	321 AA4V AD1C G3TXF HB9BIN IK2YCW JA0GJJ JA1XEC JA3AZD JH1IFS JH3CUL JH3VNC JH4ADV K2VV KV7K KX4R LA7HJA N4PQX N5XZ OE6MDF OE8RT SM6DHU SP7VC SV1FJA UT7UJ W4FC	319 DJ4AX DK1FW EA8AKN HB0CC IK4DRR JI1DHY JR7VHZ K5MC K6AM N4DB N4QS ON4AOI UA3AP YO3APJ
328 AA5AU	325 EU7A HB9DHK I5NPH IZ0AEG JA2FJP			318 A45XR AA4HP DL6KR G4PWA JA1ANR JA2JNA JA4EPE JH4JNG K2TE K4IQJ K5BG K5DU LA2PA PY5EW R3VA RA7A RW3RN SP1MGM VE3LYC
				317 AB9V

DJ5FI	PY2NQ	N8KOL	309	JA3GN
DK2NG	SM3VAC	NN4R	JA1EOD	JA6WJL
DL5WW	SV2DGH	SP3CGK	JA1VSL	JJ3HGJ
HB9HFN	WA7NB	W9RN	K1AR	K2SHZ
JA2IVK	314	ZS6EZ	K8QM	K3RA
JO7WXN	AC4G	312	K9ZO	K9RX
K2RW	CT1DKS	AA5AM	NN4SS	LU8EKC
K6YUI	DL6CNG	F3SG	NU8Z	NI6T
K9MM	EA1N	JA1SYY	R9TO	W7DO
KE9L	EA6VQ	JA1XCZ	RU3DX	W7OM
N2BJ	G3NDC	JA7QVI	RX3AGD	W9JA
NE1B	HA1RB	JH1AGU	SM2OAN	WA5VGI
OE1WEU	IZ8FFA	JH1QAX	UA4LY	306
UX1UA	JA2AH	JR6FC	W2JU	DL1KUR
W6VX	JA2ZL	K1HT	308	DL5EBE
WD0DAN	JA5XAE	N1IBM	DL2CHN	HB9DDZ
WX4G	JR4OZR	N5ORT	F4BKV	IK4PLW
316	JR9LKE	RU3QR	HK4SAN	JA2VQF
DF2UU	K2LS	SV1CNS	IU7QBB	JE2LPC
G0OIL	K5AQ	W7CT	JA1IZZ	JR2UBS
IK2QPR	KB0EO	W8HW	JA2WYN	K5WAF
IW1ARB	LA7AFA	311	JA7IC	KD3CQ
JA8EAT	MD0CCE	CT1FMX	JA9GPG	OE5RLM
K1BD	OE1AZS	IK0PEA	JA9TWN	R8TX
K3WA	OE1ZL	JA2XYO	JG4AKL	R9FM
K4HB	SM4DDE	JA4MRL	JH1SJN	UN7JX
K8YTO	SV1DPI	KM4H	JL1RUC	US5WE
KG8P	SV1JG	N4TL	K0GY	W5AJ
KQ8M	UA6MF	OE3SGU	K0KVR	WE9R
N5DG	UT9FJ	OZ4O	K2UU	ZL3JT
RV3LO	UX0FF	PY2XU	K8OM	305
SP1JRF	WB8BPU	UR0MC	KI0KB	DJ4XA
UA3DPM	YU3AA	WB9CIF	KN5O	JA1IOA
W1GL	313	WD9DZV	KS1J	JA7BWT
W7MO	5B4MF	310	N8TR	JE6TSP
W9ILY	CT1GFK	HB9SLO	NQ1K	JH7RXU
WA2VYA	I3BUI	JA0CRI	R7NW	K0JUH
YB5QZ	IZ2AMW	JF8QNF	SP9JZU	K3XA
YO7LCB	IZ8FWN	JG3FEA	VA5DX	KG4W
315	JA1GRM	K0KX	VU2NKS	N9AU*
9H1SP	JA5IU	K5XI	W1YM	PA5TT
AA5AT	JA6VQA	K6RO	W2QO	RA9CMO
AB3CV	JA7JWF	K8AC	W5ADD	SM3NXS
AB6QM	JF2UPM	K8FL	W6ENZ	UT2UB
G3VKW	JG3LGD	KC7V	W9MU	W5XC
HK3W	JH1NYM	LA9AJA	WA8WV	YB1UUN
IZ1LBG	JR1BAS	NS6C	YS1RR	304
JA8RJE	JR1BLX	RA0FF	307	DJ9ON
JA9CWJ	JS3CTQ	RL9F	A65BR	DK5AD
JN3SAC	K4SO	SP6HEQ	DK2JX	HB9CEX
JR2BJE	K6KLY	W0YG	F2JD	JA2NDQ
K8NVR	K9US	W4BP	G0BLB	JA9FAI
N5OK	LA7JO	WB0TEV	HB9TKS	JE1DXC
OE3EVA	LB8DC	ZS1LS	I5HOR	K8GI
ON4IZ	N2NL		JA2XW	

N7US
N9RS
UY5AA

303

E72U
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HB9DDO
HL3IUA
HL4CJG
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IK4ADE
JK1EXO
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K9MK
KB1JZU
LA3WAA
RL3FA
RW4NN
SM6CUK
SP2BMX
SP3IBS
SP7HOV
SP7ITB
W1SKU
WT8C

302

DJ5JH
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I1EIS
JE8CLT
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PY7DJ
R5DT
RK4FD
W0VX
W4QN
WD4LBR

301

AE5E
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JA0DIN
JA1LSP
JA1SVP
JE1LFX
JG8FWH
JK1GOK
K4SE
LA5LJA
MM0EAX

RN3QN
SV2AEL
WB5JID

300

9K2OD
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DL4CF
EA1AF
EI2GLB
IZ5RVG
JA9AA
K8GG
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K8VFF
PA3CSR
UR5EDX
VU2PTT
W3OA
W3RJW
W5VY
W6TC
W9AJ

299

4X6ZK
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EW2A
G3SVD
HB9CQK
HB9RG
IK5RUN
IZ4MJP
JA7LGE
K6SIK
K9SM
KB8VAO
N9FN
UA9FAR
UN6T
VE3BW
WA3AFS
WA9PIE
XE2CQ

298

5B4AHJ
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JA4ITW
JA5BEN
JL2JVX
JR7WFC
K2PK

K8EUR
ND0N
PY2VA
ZL1BYZ

297

E73Y
JA3RQ
JE7JDL
JG0CQK
K6ND
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KG7H
KT1J
W6YI

296

AA4R
AA8OY
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K8VC
LA8PT
N0RB
RA3QK
SM6BZV
SV9COL
UA6YW
W2GG
YO2RR

295

CT1FCX
DL1DUO
EC3A
IW0SAF
JA1BPA
JH4ALY
JM1FHL
JN1RQV
K0BBC
K0TPP
K1GG
K4XD
K5VIP
K5ZK
N7TY
NA5C
RM0F
SM5FUG
SP8HKT
SV1GYG

W5LT
W6XK
W7AL

294

AI9L
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HA9PP
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JA5SUD
JE1GWO
JJ1DWT
JR1DUP
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KZ4V
N0KV
OE5BWN
RU6L
SV3DCX
W3JX
YO2CMI

293

DL1HRN
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JH0BQX
JK1TCV
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K4JAF
KD0Q
N2LM
N4RWG
N7IR
PY2IQ
S55DX
W7ZJ
WA4FFW

292

DL5CW
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G4GIR
G8DX
HB9BAT
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IZ3ETU
IZ8VYU
JA3ENN
JA3EOP

K5DHY
K7ZD
LU4FPZ
N8II
R6AF
SP5IWA
W4VIC
W6SR

291

4Z4DX
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IT9CVO
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ZS2DL

290

AA4A
DS1JFY
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JA1KQX
JA1QXC
JE2DZC
JE2EHP
JH3GCN
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LA2QM
LU3CQ
PP1CZ
SK3PY
SV3AQR
UN7LZ
UN7TW
W1EQ
W2LK
WB9EEE

289

AJ6T
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JA8EJO
JA9FPI
JA9IFF
JG1WSC

JH4GJR
K3UL
KK0M
R0FA
RA1QD
S57AT
VE3EK
W9YSX

288

CT3MD
HB9RYZ
JA2JRG
K1DG
LZ2JE
N4LR
N5LZ
N6UK
ON6AA
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS2EZ

287

9M6YBG
AA8LL
AA8R
IV3GOW
JA1XPQ
JA2ATE
JA9NLE
JE2OVG
K0AZ
K5RT
LA3MHA
N8PW
R9SA
SM5ARL
W1VT
W4YCH
W8AV
WA6F

286

AB5A
CT3HF
DL2VPO
HL3GOB
IK0AGU
IK0XBX
IZ8XQC
JA2FGL
JE3ENP
JF2WGN

K1LPS
K1RO
K5PS
N8SNM
UR5WA
VE1JBC
W3GQ
W6PJ
W8AXI

285

CU2DX
DL2SWN
EA3GHQ
EA5KA
HL2WA
IK8VRH
IZ8DFO
JA0PE
JA2IYJ
JA2VMU
K6GXO
K6PJ
LA8HGA
N8LJ
OE1WHC
PE1L
WK7E

284

DL6JZ
EI9FBB
GM3YOR
IZ3ENH
JA0DET
JA8CJY
JG3SKK
JH3SIF
JN1BMX
K9NW
OE2GEN
SM0CCM
SM6CTQ
W1OPD
W2AY
W4FQT
W5ODD
W8BBQ
W9MJ

283

DF2GH
JA1RTX
JL1XMN
K3WW
KJ6P
OE8SPW

W1LW
W6BJH

282

K1DT
K1USA
K5UO
K8ROX
N6TA
OH4UI
PC3T
RD3AW
SM4CTI
UA0BA
W4OX
XE1KK

281

AD5Q
BA4RF
EA5OX
F3AT
I1FQH
IZ8FDH
K0GD
N2WB
N5GH
OZ1IKY
SM5ENX
W0LS
W8HC
W8KEN
WN6W

280

CT1EAV
GM3PPE
JA3XNH
JA6TMU
JF1NZW
JH1BNC
JH1HHC
JN7DOS
JR6LLN
JR7FRW
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K4WNW
PY2DS
SM5CZK
UT7UV
VK3HJ
W8LGJ
W9HBH
ZS4TX

279

JE8TGI

JF2XGF
JH7BKN
JO4CFV
KF2DT
KQ4AV
OH1ZK
VE3DZ
W4UCK
WB2BIN
WO7R

278

9A4T
EA8RR
EI9JF
F2NH
JA8LRG
K2UR
N4HB
N9ISN
SM0NJO
SM4AZQ
VE3CRG
W4MAY
W8MHW
WF2S
WT4Q

277

EU1KY
F5PBM
F5UJK
JA8DNV
JA8EOT
JH3KAI
JK1UNZ
K2AJY
K8UT
ON4CAS
UW2ZM
W1KSZ
W2PP
W3BW
W8RLS
WA3C

276

AA6AA
DK3WW
HB9LCW
HK1MW
IZ5BAM
JA2XCR
JA7FWR
JA7LMZ
LA0FA
LA9VFA

N5MOA
ND4X
NK0S
OH1JP
OZ1LCG
RX4HZ
SM5CLE
W1YRC
W1ZT
W2OIB
W5GO

275

AB4SF
CT1FPQ
JE1BMJ
JG1OGM
JI3CJP
N2JJ
N7KA
ON5UE
PA7RA
WA0RVK

274

EW1KP
IW0HOU
JA8ZO
JH1IAQ
K3PT
K6UM
KA8SYV
KA8ZPE
KS3F
RA5BM
SV9AHZ
UA3ECJ
W7MEM

273

7M4AOE
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IZ4DPV
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JA2TBS
JA6BEE
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N4IG
NA5DX
OZ1ACB
OZ4VW
RW7M
W4HG
W8QZA/QRP

272	PU2POP	W0FLS	NA5Q	JA3WLN
AF9H	VE6LB	W7YAQ	NF1G	JH3FUK
DS5ACV		W8MET	SM7IUN	JH4ADK
I5OYY	269	WB2GAI	W0GG	JJ2WOC
IK5PWN	HB9IQB	WB3LHD	W2XI	K1ESE
JF1LMB	IK7FPV		WA4LOX	K8YSE
JH1OBS	IK8EPC	265	ZS6NJ	LY1G
K1UU	JA1OVF	4F2KWT		N6MZ
K6IPM	JA1VLK	G3WPH	262	NT5V
K7EG	JA6GPR	JA4FM	CU3EJ	SK7AX
K8BL	JH3FHQ	JH1ACA	I5REA	SV1FJP
K9MBQ	JP1NWZ	JR1WCT	JA8BAR	TG9NX
KA1ERL	K0KT	K2CBI	K8AV	WA5LFD
KI4GE	N4UOZ	K2SN	LA6UL	WV8DX
N2DPF	N6RV	N5KM	LA9FFA	
N4JQQ	NW7E	N9JV	LA9GX	259
N6PSE	OM4EX	NU1B	N3RC	CT3KN
N9RD	SM5FWW	VE3SKX	N8OC	DJ8NT
NV9L	YB1AR	W5DM	NK4L	EA3EQT
OE5FIN			NX0I	EW1BA
PA0ZH	268	264	SP6JIU	JA8BNP
SV1ACK	HB9BUN	4Z1UF	W5ZG	JE2RDO
W2OO	JA1IAZ	EA1KP	W6NWS	K2UFM
W3ACO	JA1NWD	F6DBX	W7LGG	NI3P
W3AP	JH4HMG	HB9DHG	W7QDM	PY5CC
WA1S	K2KA	IK4AUY	W9PZT	W1KDA
WL7E	K6BV	IZ0NRG	WA3GFM	W7AH
ZS1A	KD4W	JA7HRM	WB8ART	WS9V
	N2AJ	JR4LNG	WQ6Q	
271	N5JB	K0DD	YB2DX	258
4X1RU	SM6BGG	K1CA		CU3EQ
HL4GAV	W2FV	K8RRT	261	DK7YY
IK2DZN	W9OO	N1EN	7K1CPT	HL3AMO
IZ8EJB	WA1YTW	N1GC	DK3PZ	JA9AGN
JH1OCC		PA7TWO	G3UAS	JR3UIC
JM1HJG	267	SV1CQN	IZ8IEV	KH2L
K3PU	IV3VBM	VE3YF	JA3FHL	SA0AQT
KB1EFS	JA2QXP	VE6AX	JA4VLK	US0YA
LB2TB	JA7BEW	W5PF	K2FW	W1SSN
NN4X	JA8UIV	W6TMD	K7LJ	W5JAY
UA3TT	K5VWW	WV4TN	KM1D	W9EWZ
W1MK	K6EME		LA5SJA	ZL2IFB
WA0MHJ	K7XB	263	N9UA	
XE1MEX	KI5BLU	DK4TP	OM8FR	257
	N3VA	EA3CJ	SM7CQY	AF4HX
270	SM5BMB	EA4DL	W0JM	DJ0UT
7K1PTT	W6RS	HA7UW	ZS6WB	DL9FCY
AA4FL		JA1VRU		EA1JO
BA4MY	266	JA7XBG	260	EA7SG
DK8MCT	EI8IU	JR8AMF	AA9A	EB3CW
EA1KY	IK0UTM	K1KO	EA8MT	IK2PZC
F9XL	IW7DVM	K4KAY	EA9IE	JA6OXT
K0BJ	JA3BXF	K8FH	EC1AIJ	K1SM
K7UA	K8AJS	K9FN	F6HLC	N1API
K9JF	PZ5RA	KN6KI	FG5FR	N6HC
N4QQ	RA4CA	N1RR	JA2FBC	PY2MC
OE3HWC	SV1HEP	N7BT	JA3VPA	RU1AB

SV1VS W3FI W8MJ	JH2PWY K1FEV K6MKF K8DV KE1F N7XR UA0FO W2/CT1GIF W6RW WF4U YB0COU	250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN UN3G W7HPW W7IU YL2KF	SV1IW W8IW	WA2USA WA3F
256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID M0TTB N1SV VK3NX W8JRK WB7B	252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JF6XQJ JH4CBM JL1BYZ K1EFI K5FZ KB9DAK N6PM SP6A W2GW W2ZI W7CA WA4CEM WA4JQS WV6E	249 AF5CC HL2CFY IZ8GGF JA1EMQ JA8FFM JH1APK JH8GEU K9NR KF7F KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D	247 CT1FUH K1PL K3VAT KH6M N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W	243 DS5TOS G4XRV JA2EPW JS6TWW K8ME W1BR W4PNY WX2U
255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JK1OPL KR4F N1RK N5BO VR2XMT VU2CPL WV9L	251 9A4W DL2RTL HA5PT JA1DDZ JA1SKE JA5BGA K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W2TB W3ABT W4SK W5GAI W6DE W8OP	248 AK5X EA4DEI G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG KF9UG N4QWZ N4XP N6KZ	246 AA7G GW4TSG HL2EIZ IV3KFB JE1VTZ JK1WSH JR7GBL K3EA KB6CIO W1KMA W3ICM W5ZO	242 EI2HY G4FKA JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K3WWT K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN W8GNM WB8K WC3W
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO JH2VVH JJ1BMB K0GW K3SEW KI1U LA5YJ NE8P UA3O			245 AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL	241 AB5C G8AJM IS0AFM JH1UBK JP1IOF K7KB KV1E N4OA N9SF W5DNT W5QM WA8MCD WB8CQV
253 AC9O FG4NO JA6IVR JA8XQI			244 IK8UHA JA1CZI JI6IHG JJ1QUV K0KG K1KA K1YR KK1W W0QQ W4REX W5PJR W9FI	240 E21EIC G7SSE IW3GJF JA1DM*

JA2FSM	JR0QFA	IK0LNN	W6CYX	F1RAF
JN1NBU	K1RV	JA2OLJ	W9ZCL	F5LIW
K9JU	K2NV	JH5HDA		JA7QQQ
KF0LA	LB5WB	JK1BSM	231	JF1RYU
N0ABA	SM0MPV	JR1VAY	AD5WB	JF1WLK
N4HID	W6AER	JR4LZX	DK6OR	JH3GFA
PY2GG	W8UN	K0VM	HL2ZN	K4KGG
SM3LGO	WA0ROI	K4JC	IK1IYU	KE0A
SP5LKJ	WB8B	K4MF	JA1MZL	KE4UW
UX5UO	WB8ZRL	KE5FXE	JH0AWC	RA3QUA
W0SZ	YO3JF	KE8UM	K2RU	UN9L
W8WEJ		KX2A	K5IB	VR2CH
XE1RBV	236	ND4V	KD6UO	
	HB9DQV	SV8CKM	LZ2XF	227
239	HB9ZS	W3WST	N8HRZ	DF8FT
AG1A	JA1HOM	W9MO	NA4EA	DL2RUM
DJ9RR	JA1JYE	WA5UA	SM7NDX	I0MWI
I0JBL	JA3KNN		VU2DCC	JA0DWY
IZ1JMN	JN1NOP	233	W4UDH	JK1SQI
IZ2FOS	K1ACL	AA9GR		K1GE
JA6CBG	KM3J	AA9RR	230	K5GH
JA7KE	KS4S	AJ4A	G3LUW	LU6ETB
JA9NFO	N4GN	DH0GSU	JA5NPV	N1NU
JE2UFF	N6IE	DS3HWS	JA6AVT	N6OJ
JH1DGJ	OE2BZL	EA5AR	JH7WQX	NA9Q
K1XV	OZ7FOC	JA0KJD	JI1VVB	W4DEE
K2XF	PA0TCA	JA3NHL	K2SY	W5RF
K4QE	VU2CDP	JH1SOD	N4TOL	W5SL
K8YYY	W0HBH	K8BN	W2KA	WA9GON
N8SHZ	W2YR	K8EAB	W8FIB	
OH7TV	W4GIW	N9BX	W8WVM	226
WA6JA	W6DR	NE3F	W9YE	DM2RM
WB4KTF	WA1PMA	SM0XBI	WB2NPY	EA5B
	WY6N	W2NRA		I0OSI
	YB2TX	W6YOO	229	JH1IED
238		WB2KSK	AA3LX	K2BA
HB9MFM	235	WD8PKF	AE0P	K2SD
JA0LXP	EA7QW	WE4S	AH0U	KK4OK
JE1PNX	EU1U		DL8SDC	N2KX
JF0JYR	JE1IBI	232	IK2GAJ	N2SQW
K9GA	K0EOO	AC9EM	JA2VHO	N5ET
K9OR	K0VSH	EW4C	JE2EBT	N6BM
KA4RRU	K4YJ	G3XLF	K0HD	N9AOL
M0CSD	K5CWR	HB9DVO	K3FM	NG7M
N4PJ	K8ZM	JH0OXS	K4CMS	VE7TK
N5ZC	N2FF	JH6DUL	KD1F	VK4CAG
W3MR	N4IQ	JR3VMJ	KI4DLS	W7HR
W4KA	NA5Z	K4ST	N3PS	W9DX
WA4QMQ	NW4M	K5FNQ	N4NW	
WB0TVY	TA1CM	KB1DMX	NE6I	225
ZL4AS	W7YW	KK9H	UR5FEO	DK5RL
		N9PGG	W1WC	DS4AOW
237	234	NJ7G	YB1TJ	DS5DNO
CT1BOY	DF7EE	NY2NY		EU1M
G0VXE	DK2CC	RQ3A	228	JA0EVI
HB9CXZ	HB9BYQ	SV8DOU	7J1ADJ	JA4CZM
JF2OZH	HS1NGR	W2DXE	AA0MZ	JF1MTV
JH1DGQ				

JH8NQV	IZ7AUH	KD2T	215	VK3FM
JL3OUW	JM1VRW	KE6V	9H1EJ	W1LE
K0IL	K2AT	KG6I	AA7XT	W3BJ
K0OK	K6ZZ	KI7AO	AA8SW	212
K1JIU	KB5UNX	KR2Q	DS4GKF	G4ZOY
K2HAT	KS4YT	KR6C	HB9IIO	JA1BWA
K3SF	KU8X	N1KC	I1YDT	JA3LDH
K4JWA	RA4P	N6DX	I5XFD	JR2PZX
K5YU	VE7BV	SV1FKZ	IZ0BVU	KU4BP
MU0FAL	221	W6GRV	JP1GUW	N4FN
N0ODK	EA2AAZ	WA3I	JR0AMD	SM5AOG
NA2AA	IZ1JLG	WC2K	JT1BV	SM7GIB
W5GZ	J11NJC	WW8W	K1TZQ	VK5GR
W5LO	K4CGY	218	KF4NEF	W5DAW
W5TFW	K4MV	DL2NOM	KO6KD	WW2DX
W8UV	K5DV	DL4NBE	N8NN	WY1G
W9KVR	K5ZQ	I7PXV	RN9N	YL2TW
WE1P	KU4XO	JH1OGT	W0FG	
YO9FNP	KV4AA	K1NJ	W0TT	211
224	N9JR	KE3D	W1JGS	JE2KSM
JA1OVD	NY1V	N4JT	W4IS	JJ1JMZ
JA8NFV	RU0SN	SM7WVZ	W6SL	JJ1KZZ
JO1LVZ	W0BM	TZ4AM	ZL2AL	JO4JDU
K1CBK	WA0WWW	W5GA	ZS2Y	K3SX
K2TER	220	WA2NPD	214	KT2C
KZ5DX	AA6RR	WC4H	3A2MW	N1BY
N3RW	DL4DW	217	DJ3AS	VR2XLN
N7WO	DL4LAM	IK0CHU	F4GVO	W6WF
RW4CY	EA5DFV	JA2NNF	HB9VAB	210
SM7BHH	EI9FVB	JA7ZP	JA7DPC	AA4LR
SP6AXW	K1DJ	JG5RVQ	K0QQ	CU3AN
V51B	K1NTR	K1RH	K2AZ	JA7FAS
W7NN	K4EU	N6QI	N9KW	JA7FAS
WB0O	K4MIJ	OZ0J	PY2RO	JH6RTO
WN6K	K5MT	W0TM	SP7ICE	KD4SN
223	K6MM	YO3IPR	W0KCJ	KD8RQE
AB4UF	K7AWB	216	W4WN	LU4FW
AF2C	K9WX	CX2CC	WB6BFG	PY2WC
EA7DUD	KV4T	DJ3XG	213	S54A
HB9HBZ	KZ9DX	EA2AFV	9A1AD	W5WP
I8MTQ	ON4ATW	G4VMX	AG3V	W6UC
IK2RZP	SM0DSF	K7LV	DK3UA	W7FP
IZ8MBW	UR4IOR	KK4OW	HB9HIT	W9IL
K0NV	W5THT	KR4W	IT9ODQ	WA9BZW
K6IPV	W8LMG	KX4TT	IV3FFI	WK8A
KI6CG	XE2X	LB6KC	JA0LFV	YB0DJ
KW4V	219	NC4RB	JA1FVS	209
N4ENE	F5JSD	PS8ACL	JG1JPE	JH8UQJ
222	HB9BNQ	W0SR	JG3RWX	K0LB
AK5Q	HL5BMX	W5VQ	JR1EFG	KB2FCV
DJ9SO	IK5QPS	WB3D	K5ALQ	KB4MRX
DL5XL	JA1FJJ	WS1L	KK2M	KO8SCA
E77S	K5CD		N6PEQ	N4TD
G3SBP	K5JZ		N8GP	N9XX
			NA2M*	PU1KGG

SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

DL4FAP
HP2NG
JH0NOS
K0THN
K4WES
K5RJ
KC2SST
N7WS
NU1O
NW6S
W1FA
W5FPT
WA6G
ZS1J

207

9K2BM
DG5LAC
JA7MAD
K6ZP
KE1VT
M0HIH
M0IKW
N9AKR
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206

AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JF1IRW
K8NK
KK5OQ
KK9T
KW4CQ
N6ZN
N8BJQ
ND3L

NW7US
W7IUO
WA3WZR
WB0N

205

AC9S
DL6UNF
GM0VRP
IK0WRB
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL
K5VR
K9SG
KW1DX
N2KI
OH3OJ
WA4MME
WI7P
XE1J*

204

KB5HC
KM9E
VU2IBI
W4GP
W7IV
WB8BZK
XE1L

203

7L2QAD
DF3EC
F5NBX
IK2RGT
IZ0BTB
JA0CIU
JA7JPZ
JH8NBJ
K0CS
K1VI
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KK8MM
KL7TC
KM7R
N2ZA
N4TV
N6PAT
N7ELL

W1DYJ
W3BNN
WA3FRP

202

BV1EK
DL8DWL
IK5BOH/2
JR1IZM
N8WD
W1AW
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

GI4OWA
IZ0GYP
K0MFI
K2CYS
N4PYI
RT5A
W1OP
W6AEA

200

HB9AGO
IZ5FSA
IZ8EKL
JA3EY
JH1FVE
K1ZJA
KC6JAM
KM4VI
LA6OP
N1IA
PY3VB
VK6LC
ZS1DX

199

AA3TH
AC0X
AD4AA
HI3T
JH0RVY
J11WLL
JM1SZY
JR7ILA
K4SX
K4VNY
KI4WCQ
MU0GSY
N2RR
PB9FN

V51YJ
W6JZ
W9LN
W9RXJ

198

AG7N
DJ0MCH
IV3BSF
JA6ENL
JM1ESG
K7PT
KA1J
KZ1W
N3ND
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
IT9AAI
IV3AVQ
JA2MNB
K6TAR
K8SIA
NN5E
W4DAO
W4HZ
WQ5R
XE1H

196

CT3CD
DF2UA
G1VDP
HB9ESS
I7LGM
I8YAV
JA1XRA
KD1AB
N2GZ
N3QE
N4HN
NA9A
SP3F
SP5MXZ
W5AAJ
W6HYI
WB5NHL

195

CT1ELF
K3NF
K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
PP7LL
SQ7FPH
VE3YXO
W3ML
W3SB

194

A65BD
EA5ZR
K1LT
KP3AH
KR8T
NJ3K
SP6EY
VU2LBW
W4DC
W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
I4UUL
IZ5MOQ
JA0AXV
JA1QIW
JA3PRM
KM1C
LZ2ZG
NU4B
PY8WW
SM5ELV
W8NN
WA9DU
WB6CJT

192

F6FYD
HB9FBG
IZ7GIT
K1JD
K6XN
KJ4UZU
KJ4YLO

N4XYZ	JG1SWM	K0KP	N8NB	JA1ERB
NC2Y	K3DFL	K3PP	NZ5O	K1ZE
UR3EO	K3HW	KE5BR	VU3CAU	K3VAR
VA2IG	K5RKS	KQ4EE	W6SFK	KL7TS
WQ5T	K5TN	OZ3SM	W7WZ	KU1T
YB1TQL	K6UXO	UN7BK		N4ST
	KY5I	VA7ZT	181	N5FEE
191	N2MEE	W0QC	AE4M	N6DHZ
AA4NC	N6NU	W2WG	EI3CTB	OZ1HPS
HA5CW	OH2LHE	W6RKC	IZ4AIB	W7HUY
IT9IPQ	ON6KE	WV2I	KY6R	WB6AXD
JH1FNU	RM3DA		N1HO	WC0W
JK1AJX	RN3CT	184	N6VS	
JP1LRT	SM4BZH	AA4UC	N8AYY	177
K1RI	VA3OKG	AD6ZJ	NN9X	4X6UU
K8QKY	W4AEJ	EA5RU	NV4A	IW8CGX
N4DWK	W5SUM	IK0HBN	UA9AEU	IZ2EWR
N7MQ	W6DPD	JA7FVA	W6TK	JE4RAL
NK7C	YB4CHP	K3JM		JF1LZQ
NO0B		NW7M	180	JG3KLF
OV5O	188	SM2EJE	A61BK	K2JL
OZ7DN	EA7AN	UN7BY	AA4AK	K2MK
VK2HV	JA0GCI	UT7KF	DK1NAL	K3OX
W5IP	JH7NTW	W6BK	JH1IZR	K8YE
W8UQ	K2AX	WB2HJV	K8SL	KF4VTT
WB4DNL	K2DC	WB3BFC	N7VPN	SM5CBM
WF1H	N2ZZ	WB4YDL	NA5S	SP9IZV
WI8R	OZ9XU	WB5STU	VR2XYL	VK2AAH
	PY2RN	YB1RUS	W0MS	W0IKD
190	W0PE		W4DSM	W0JW
AA4U	WV4V	183	WA6EZV	W1AO
AC4VM	YO2DFA	IU0ICA		W4KVS
DJ9KV		JA2KSP	179	WD8KND
EC7B	187	JA3UNA	DL5MHQ	
F4DSE	EA5HM	JE4CIL	IK1ZNM	176
G3WW	F4WDL	K6LRN	JA3EEM	DL6NW
G4XEE	IK8GJR	NA2U	JH1XFR	F4FLF
HL4CCM	KM4NS	W2CG	JK1JAS	G4AYU
JA2ITK	N6VNI	WF8R	JR3ADB	JH8FIH
JA3AVO	W5ZE	YB2TS	K4WZ	JR1FHP
JH8KFE	XE1YD		KB7AK	KK7YC
JJ2UDK		182	KE5TD	KT8D
K7UT	186	4X6KJ	KJ6NZ	KW9U
K8ZT/QRP	AF6PK	I5FLN	KZ2R	LA4JGA
KD0AA	K1BZ	I8LWL	N3KV	LA7EIA
N3AIU	K5EWS	JA6SQR	SP5ELW	N1JP
N6MXU	K5QX	JJ1CQA	W0ZS	NM1G
SM0BYD	K6EGF	JK1DDG	W1HS	VE1VOX
W2OR	KC6X	K5DCW	W4CCS	W4LEW
W9ROG	KK0DX	K7LAZ	W4TUN	W9WO
WA8LRW	N5QS	K9AQ	W8QXR	WA3GNW
WB4GLI	W8RV	KG4JSZ		
	WA5IPS	KL0S	178	175
189	WZ4RC	KS0JD	AA8KY	AG5CN
I0LYO		LA5LT	EA8AXT	EA6UE
IV3KCB	185	N4MIK	G4DDL	IU8IYE
JA1SGU	JK7LXU	N8NA	IW0BYL	IW1PUR

JE3PCP K0KV K1ROA KD4POJ KF2OG KF6HI KN7D N7NG NS3L UA1OM UA9AGX	N3AO N5PA N7GCO SP5ES W1ASB WB8QZM YB4IR 171 AA5N AD3C CT2GZE DL5MM F9CI IZ0CKJ JJ1BDX JL1GYZ JS6QOM K2TV K4NTO K4WY KB0V KC5LK KP4DKE N8WRL NA6O ON6MX W0MU WA4DOU WA5KBH	JA1KXT JE1PHH K8ZZU K9OT KI2D N4MI N5MT RD3BD SV1IZY WA6QGH WB8EKG 168 A92IO AB4GE EW1P JA0PZJ JE4KCN JH1ORA JH3EQP K0PC K0PX K0RAR KF0RQ LU8ADX LX1CW N6MB OE1ALW R4FAN SV1XV VR2MY WA9IVH WX0Z 167 JA8BOV JE3FOR KA5JSM KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ N9ATF PT2ADM PY2SEX TF3VS WA0SXV WA5NFC 166 AL7R DL1SVA GM7NZI	HL4XM JG3KMT JR6GHN K0FLY K7CTV KM4HQE KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W6FL W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR 165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JF1KML JR1KBJ JR6LDE K3VPZ KG4CUY KG5NP LA2XPA N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS WB2WPM WB9PNU WC4X 164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K6CF K6GFJ KA1API	KB7QFE KD8MQY N2XQM N7WI NA2P PT7DX S50B SP7QHR W6SIY W9CSX 163 4O3A AA4OC AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM JA0MRW JA4GXS K0ABC K0CF K4GN KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC VU2MSA W1OK W1XV W4PGM W8MIL WB9B XE2YWH YO3DDZ 162 4F1OZ BH4IGO DJ7JC DS3EXX EA2AGV HS8KAY JR4CZM N4BAF NP3CW W4NBS W8FN
174 AD0K AG4Q DL5KUA HB9HVG JL6USD JR3TOE K1XE K5CR K9HQM K9UQN N7NW NG9J W5JMW W5WI WA4BIM WA4NUF	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1PCX JQ1YIW K6JJ K7CU LA2GH LB7ZG N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL 169 AC0DQ DM3CW			
173 AB6CF AI9U DM6MA HB9DVZ K6UNE K7STO K8JE LA9VBA N7HN N9DR N9IO NC7B NX2X SM0EUI TF3JB W4DTA W7VAS WA7BNG WY7FD 172 EI1DG JA1BON K5TA KI6MQX LZ1XL				

161 HL3ERJ JP7FSO K2OP K4AR KM4A N7QT NA6XX OH3PYY OK2ZDL SM3PHM W5BK W5RDW W6DOE W9GG	OT1A VA3NXM W1EBM WD5BJT XE1MW	JA2ODB JA9RT JH2AJY JL3DGI JM1LPN K2HT KA9OKH N5QZ N7RD W1MR	JA3UOQ JH2NWP JR7MAZ K0YL K3GO K4OY K8ROK K9MMS K9YZ KF9LI KK4XL LA2IR M0MCV N0VVV OH3FVP SP5NON W3DIY W8OM W8VK WB4SON	KE8G KK4CLY N7MB NU4I SM0NUE VA3EJN VA3HP W3HER W5WLA W6WA WA9JWL WC2C
160 E70T EA1WH JA1ITJ JA1UOA JF3VEC JG2LGM JK1EBA JK1NPH JR1CAD K7LY KC9K N0IW N4MEC N5WA N8IL NI5F W1TO W9FF YO8CRU ZS6RJ	158 9J2BS G4SGX IK3DVY JJ1KXB K4HQQ K4SAF K8GWU KB2XJ KC3AK KF7NN KJ7NO N4XMX N6MM N8TFD OH3DP W0JMP W8LIG WB2RAJ WB9ZNZ WT2P	155 5P5Q DK3QM F6KOP G0THF HB9GWJ IV3TDM JA0EBV JA6SUY K2DF K4EZY K4WM KM2O M0IFT N1QY NH6L NK7Z NO9E NU1T OE1HHB UT7EC W5SV YB1AYO	152 AC6BW AK9B BX5AA DF2WF DU1KT G4AFJ IK5BSC IZ0FUW K2EK K4RDU KD2OV KE9S N8IK N9GKE ON4LG R9JX W2NY W6RFF W7JET YV4DYJ	150 DK3BK DK3FB DL9SAD HB9EBM IT9ABN IZ2MHT JA1IHD JA7GZM JR7XOD K5HK K8WHA K9RT K9UWY KI7M KX5U N6JOJ NM4SH ON6ZV SM0BSO VU2NXM W3KB W4IDX W4NE WL7OU ZS1C
159 AA3AZ CT1ESO DD0VE DK8IZ EA1P IK0WMJ JA0ED JA4FKO JH1BHW K0IO K1EDG K9QJ KC4HN LA8ZAA N1MD N4VG NE5S NF7D	157 7N3IJT AB2E E20YLM EI2JD GM4KHE JA0NZR JA1UBZ JA3MHA JE3OUW JG1XBM K0SRL KN7Y N0SL N4QM N6VH N7JB N9AZZ N9MB PY1NS W3HKK	154 AC8TO AJ8B DS5WQT JA0GZZ JA4HXF JA8ANQ JE6PJP JH1AQN JM1JZN JR3QHQ K5DXR KC1ERO NE5W W4CIR W5TMC W8TM WA9MAG WN7J	151 AD5MD DF1IR DL4KUG IK1UGX J68HZ JA2BUR JI3BFC K1QN K3GW K4DET K7LAY K9AAA KE4BKL	149 7N2JZT DS4DRE ER0FEO JA0JPD JN4FNZ JS6SCC K2KIB K2RET K4TXJ K9EXY KD4EE KM2E KP4DS N0STL NE0U NU4Y
	156 EA3HPX G4FTC GM3WIL HB9HHH HB9MXY JA1CCG	153 HB9BEM		

NZ0O RT0F TF3Y UA9MC W4MA WA1EHK WF7T	N6FS N6RK N9MR* NJ1Q SM3DXC TF4M WA2MUA WA3SKQ WW8RT XE2B YB1BML ZS6UT	K9BQL KE4FW KG6D KJ2U KJ4R KN7K LB2TG N2YBB N4GBK N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	JJ1OKK K0UBR K5GZR K6EV K7VC K7YMG LA8PDA LZ2HM N5JED N7TW VE3NJC W5VU W9BS WB1ASL WW6G YB3MM	W4EJG WA5POK 137 DL2RD G3PSM HL1MKT JH1SBE K2CDJ K2RKJ K4AU K6IRA KP4N N5RN N7VZ N9NFT NI4Y OE3JAG SM5CSS SP3EPG TA1AL W2GGY W4UEF W9MR WA0WOF WA5YOM WG0G WS1F
148 4F3BZ A71AM AE0MO F5NNN IW5EIJ JF2AIJ JR3PKO K5LY KA3GWD KB8ZUN LZ1MDU N0TK NJ6K PY2CP VE6TL W4AFB W4AG W9GM W9MAK	145 5T5PA AA5TL AC7JM AL7TC DL1MEV EA4S EA7LS EI7GY F1OBJ JH1CTV K5FXB KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q	142 AA4DD JA1PUK JG1RYQ J11UHZ K2CJ K3GT K9UO KA6BIM LA1J W8WV	139 F5VML HB9ARK HB9DTE HL4CBX K0QB K2WJ K9TRV KX4I N0CKC N2SG N7NF N7UJJ R9MJ TA1PB ZL3TE	136 AC9GK DM5JBN G0OSK IS0EBO NT5EE ON5GF ON5RKN VE3FRR W0ANZ W4GH W4PV W7KKC W7SX
147 AB9KZ AI6P G3VQO I4JEE IS0/YO3RA JJ0LZQ JK1OTP K3GGN K5UZ K8MRT KB1HY KB9LIE SV8RX W3NRJ	144 AD0TR DL6DCD GM0VIT K1TKL K7QBO K8OS N5UE RN0C TF5B UY2UZ W0AIH* WB9W WX3P	141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF K2JK K4RM K5VG K8RCT K9AAN KA5SYP KA5VFU KE7BMG NZ6N SV2JU VE3FAC W1NA W3IZ W5GOL W6HDG WK9U	138 AC5AA DL5KUT DL5ZB G0FWX JA0CVC JA1PVX JA1VRY K2YSY K6CW K9BO KC9G KF6A KL7NW KU9S N3PV N9BVA OD5YA PV8ABC V31CQ VE3MSC W0UHL W4DWS	135 AB4FH F6FHZ GM5YTT HZ1GW JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM K3HPA K3WGR K4OP
146 AE5B EA4D HP3TA JA3KWZ JE1COB K1IG K6NR K8ARY K8POM KB9AIT KM8AM	143 AA4MM AF3X FM5DN HB9AAA JA1MOD JF2RSF K2OO K6LPO	140 AD9DX EI6JK EI7JZ		

KC3RKW	KR4DA	NN6K	HL2DBP	W3KN
NX8Y	LA9KY	VE3NKS	JA6NQT	W4BH
S53MJ	N1BKB	W5EC	JH1AWJ	WA2BOT
W5IO	NT9F		K6OJ	WB2KSP
W7QHE	OH4KRN	130	K7PTC	WB9TFH
WA7HR	OH7HM	AA4QE	K9YKL	
WB3AVD	VU2ABS	DL1SWN	KC2WUF	126
WB6FWS	W1GY	JA2LMY	KD5R	CU7AJ
WB9IWN	W1ITU	JF2OHQ	KG2U	DS3EXT
WO5I	W3MF	JH3PRR	N0JR	EI4HH
	W6OUL	JL4BSE	N5EI	IK4TVP
134	W9SE	K2MHE	NR0Q	IU8GNY
AB0RX	WB1S	KB3IFH	R3BB	IW7EDZ
AB1J	YO3GJC	KD2NF	UR9IDX	JA5CDL
DL4ZAB		KI0HA	W0QD	JA5XPD
EA6AZ	132	KN4JX	W5MF	JH4GXE
IZ8DEO	AA4FU	N2YF	W6IS	K2GLS
JA5SEY	AK3E	N5JEY	W8BI	K5KDX
JA6GXP	AK6I	N7TM	W9EBO	K7PO
JR0GXA	I8NLC	N8BK	W9TO	K8GT
JR1HYA	IK8OZV	NS4F	WA4UWD	K9QA
K3KY	IZ0COI	OZ6TL	WC4V	KC5RR
K7FL	JA9KRO	PU4MMZ	WP4CQ	KC9WPS
K7RAN	K4BNF	W1MO	WQ1H	KK4CB
K7YZO	K5SES	W2FDM	ZS6AKU	KM4CQG
K9JDP	KB8KIM	W9CTJ		KS4WA
K9SUH	KD3UY	WB8RFB	127	N5HC
KA9JCP	KG8OU	YB2IQ	7Z1HL	N8YQX
KD2SC	KI7HO	YO8PS	AG4TO	N9XG
KF5WCP	KK5ID		DJ5DT	VE3TMG
KN4OK	M3DFW	129	DL9GTB	VK2DAG
LB5GI	N3TR	AD6KQ	EA4TX	VR2VGM
N1AH	N4EDT	AE7U	G8BCG	W8VI
N2TC	N4QOG	DS4EJA	HB9TJG	W9COS
N6XT	NN3V	JA0AVS	HK6K	XE3E
NC6RJ	ON6YH	JA1PLT	I2YPY	
PA0QRB	PY2OP	JA2ACI	JA0BES	125
SM3WMU	SM7DXQ	JA3WMS	JE2VYM	AC4XO
W1DAR	UW7UA	JH1RFM	JG1LRE	EI8GS
W2KNG	VU3WEW	JM1CMA	JG5DHX	G4EHT
W4UAT	W3KHZ	JN1SUT	JH1HRJ	IK8PGE
WB1DX	W4MC	K7ORK	JI1MNT	IZ8EYN
XE2AD	W5FL	KB4KBS	JR1LZK	JP1GVC
	WA1HXX	KN4WOJ	K2GW	K0MD
133	WA1KXV	N9AVC	K7LFY	K5NOF
7J1ABD	ZS1EL	PY3OG	KF3N	K9ARZ
DL8OH		SM2YIP	KS8W	KK5J
G4NBS	131	VK5CE	LA2LI	KK7BR
GM1BSG	EI5GM	W7TG	N0AB	NA7RH
HB0WR	JH1IIY	XE1ILI	N0DL	NN6CH
HK4EB	JK8VMB		N1BZ	SM5AFU
JA5IBP	K0ARM	128	N3GTG	TF3MH
JM1JIV	K7GA	A71XX	NA1RL	W0XE
K6ME	KA5IAU	EA1AHA	ON5EQ	W4AO
KC2STA	KO4DKI	EA3NG	VE3EDY	W5CWQ
KG6WIK	N0AKC	EI3IO	VU2TMP	W6PG
KI4TZ	NG4DX	F4GTB	W0MF	W7FI

WA1LAD
WA4TMJ
WM4AA
WR2G

124

7L3SQL
AA5H
AF8C
DJ3EJ
EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JI1DMH
K3SUI
K6VVK
K7HC
KB8DID
KC2NJ
KC4AA
KD9ZR
KK4TKJ
KV8P
N0YO
N4LSJ
N5VBK
NT4K
W0DD
W6ELI
W6ND
W8PAT
WW5L
ZL3REX

123

AB9BH
AE5FM
AI5EG
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA
JA1GLE
JA2HOL
JH1RVQ
JL3RNZ
K2JGL
KC2THY
KD0KZE
KG4OJT
LA2XNA
LX2SM
N6DVR

N9RE
OH3TY
PY2ADR
SV7CUD
VE3VHH
W2ARP
W2WGK
W4UT
WB8TGY
WU7X
YB9WZJ
ZS6NK

122

AA0BH
AA5B
AB5YI
DB4RG
G0HSA
HC1HN
IZ0FYW
JA9ALR
K0HQW
K1AJ
K3DQB
K4VAC
K9KJ
KB4ET
KN9N
N1ZZ
N4GRC
N9ATD
UT9LC
W1ES
W1HEO
W1KKG
W5HNK
W6HB
WF5I
XE2MX

121

AB4BJ
AK0A
DL7UGO
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JE2DOD
JI5WDC
K1LTJ
K3CWF
K9MQ
KK4ODQ
KU2A

N3ER
N5ZY
NA2R
NA4MM
NY4G
OZ6EI
PP2FN
TA1L
UA0FDX
UR5FLN
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
JA1DCO
JH5OTE
JJ1XVA
K3QB
K9CHP
KJ6Y
LU3XX
N0TR
N1TQP
N3DV
N3GS
N4UFP
NJ8G
NR2D
VE3QAA
VR2ZXP
VU3RGB
W1RG
W5RYA
W6GJB
WT5L
YB0AZ

119

DL2VWR
F5BAR
HL2MHU
JA6JYM
K7LOL
K8EB
LU9DO
N1GNB
N8LCU
ON8PHD
SV1BYI
SV2KF
VK7AP
W1ZK
W3MRL
W6ZPL
W8EOG
ZL2AO

118

6K5AQY
AE1T
AJ6X
DJ9KM
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IZ1JIZ
JA6CMQ
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KA9JAC
KB3KJ
KD9BIE
KG5VK
KX6C
LZ1XZ
N2SO
N3HYB
N8KUS
VR2CC
WA7ZXD
WA8RCK
WB5TOI
ZS2I

117

AD7L
CE3FZ
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K0FF
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K9LCR
KA4AHU
KB2S

KB5CSQ
KO4PY
KP4ED
KZ1X
N8AGU
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W4PG
WB9WHQ
YO6HOY

116

6K2ILX
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EI4BZ
G8GHD
IZ2CSX
JA2KPW
JT1CO
K1EO
K4LCP
K8JRK
K8MN
K9GWH
KC1RET
KD5RBU
KQ5S
N0ATQ
N0UCR
N1GFV
N2ZL
N4KEB
OE6CLD
RW6MBC
SM1NJC
VR2IL
VY2RU
W1HQ
W7WES
W9LU
WA4VJK
WW5RC

115

AA9WO
AF7WM
E74A
HB9MZI
HL4RBR
IW2FLB
JA0NPQ
JH8LEY
JJ2VLY
K5TU
K8CR

KB4CRT	HB9GZE	S51DV	K3MSB	W7VP
KB7V	JA2CPD	W1USN	K4KAL	W9JJ
KG4URP	JA4CSJ	W3WN	K4RP	WA6URY
KV7N	JF1AZQ	W4LLP	K6DJ	
MM1PTT	JH1GNU	W5GCX	K6SLO	108
N7PIB	K1JKR	WB2UFF	K9TVG	7M4CLF
NE1RD	K2KNB	WD8LTM	KF8PD	AC8MR
NG0G	K4JDJ	WF4W	KV3W	AC9DX
NW6V	K4JLD	WJ1B	N1TQ	DB9CR
OE5MPL	K4TR	WN1M	N3YZ	DL1TPY
SP5BMU	K5WRE	ZL3PAH	OE6BME	DL2AMD
W0LGQ	K7BWC		TF8GX	DL2NAI
W3UNX	K7MO	111	W1ZZ	DM5TI
W4OV	K9DUR	AD7XG	W5JE	DU1IVT
W5WS	KA5OWI	AJ6V	W6TCP	E70X
WB4MM	KB1OIQ	AK4N	W7YED	EA5XV
WJ5K	KB2TGU	EI9CN	W8TE	G5CL
WS4H	KC0V	F8DZY	W9GFB	IK1RKN
	LU3JVO	G4ZWY	YB1SKR	JA2DCN
114	M0NGN	HB9ECS	YO5QAW	JA2KGQ
G3CWW	N6DW	JA4DLF	ZS5LEE	JH1OVY
HC1HC	NA9L	JA5EEU		JR4NUN
I0BJV	S52R	JE1TNL	109	K1FUG
JA1CCH	SV2DSJ	K2KYH	AA4RX	K3XO
JA1CPU	VA3AYA	K5NV*	AC8AZ	K4GHS
JA8EIA	VK7ZE	K8ZEE	AF3K	K8LBT
JG4OOU	W1FC	K9JIG	DL9QJ	KC8YG
JM3XZC	W3JM	KI2Y	F5DBT	KE3ZT
K1RE	W6BBS	KM5VI	F8DHE	KE7AUB
K2IRM	W7CD	N4NYY	G0MMI	KI4SFT
K3PL	WB9YJE	NT5O	JA5GOJ	KJ2AM
KB1W		PT7CB	JA9IWR	KJ4SKO
KI8AE	112	TA1UT	JH4GNE	KO4XI
N3DD	3C3CA	TA2RC	JI1IZS	KW1X
NA1DX	7Z1CQ	TA7AZC	K0FD	LU2AH
NG8T	DL5FAC	W7WT	K4AEN	N2IFA
NK5K	G0DTX	W8PE	K6JAD	N5FPW
W0QKL	G3YFE	WB8PKK	KB3Z	N5TW
W2ZK	GM0SCA	WU4B	KB7DT	N7TP
W8LR	IK4EWN	XE1ZTW	M0AQM	TF1A
WD0AJG	IS0BQE		N4LS	VE7VV
WN0L	JA4RED	110	N4WD	W4DVG
WT9U	JA8WGX	AC0B	N6RVI	W6CN
XE1EE	JF3AHI	AG5Z	NN8L	W7SMW
YB2BNN	JH0LME	CT7ANG	NW6R	WB5ZAM
ZS4JAN	K0XM	DK4MX	NX1P	WC4B
	K4HEB	EA1BLA	NZ3M	
113	K4ZMV	EI9HX	PF7M	107
AB1NS	K4ZRJ	G4VWI	PV8AJ	AB7RW
DL2DCX	K8CJY	G6MXL	PV8DX	BG8PA
EA5DPL	K9KDS	HB9BEP	SP7ASZ	DJ5FZ
EI2FG	KH6P	HG6IA	T88UW	DK2GP
F5EOT	KY6AA	IZ1EPM	W3ATV	DS4OMS
F8GB	N0OK	JF3KOA	W3GP	E73D
G0UII	N8AID	JH1FRW	W4JDS	EA2BFM
G4NAQ	NQ4A	JR2PAU	W5SG	EI5GSB
G4YCS	NZ7Q	JR4DHK	W7CB	IC8XIL

JA3MAT	KI0KN	N9APK	VK3MB	AC0XY
JE1CTA	KI4NSP	N9IXD	W0VU	DB2WD
K0FJ	KM8V	NC1M	W9GXR	DL4FDM
K2FJ	KR4U	NC7M	WB4HMA	IC8SQS
K2ZD	KT5V	NK7L	WB7QXU	IZ7QSS
K4LQ	M0PCB	OH6IH	WF8Z	JH1IHG
K6DLB	N4DJT	PV8RR	WX0B	K1MDA
K7UWR	N6UOZ	VU2DED	YB1BUL	K2DH
KA4LBD	N7MW	W1PY	YO6HSU	K2DW
KB0EL	N8OYY	WB8LEM	ZS6HON	K4HR
KF2G	N9ZJ	WD4OHD		K6BLG
KF6XA	NG4C	WK3A	103	K6JAV
KJ4FZ	NI7F	WZ9B	AF8P	KA8HDE
LU5OM	NS7K	YU1LD	DS5JMG	KB1AWM
N0MHL	PT2DF	YV4EH	EA2RY	KE9V
N1UZ	PY2OC		EI9GLB	KO3F
NI8Z	UA0ABB	104	FM4LV	N2CJN
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PP5VA	VE3XK	AA2WC	JA7HYE	N4IR
RM6LW	VU2MB	AA6XV	JF1KIG	N8KOJ
SV3EXP	W0TLX	CT3DZ	JI1FXS	NA4D
TA1CQ	W4/KL7GLL	DD8BA	JP1KHY	NN5O
UX5XK	W6KF	EA4EJP	K0OOK	R9GM
V31MD	W7GB	EI3HA	K1FBI	S51MA
VA2GA	WA3IIA	EI4GNB	K2RNY	SM0XG
W5HY	WA8Y	F6ARS	K3PIN	US8ZAL
W8JA	WV4E	FM5FJ	K3TXW	VK2GR
WB2BXO	ZL3RIK	G0DRM	K4NI	W1GF
WB2MKX		GW0ANA	K4PWS	W1MRH
WC2L	105	HA5DI	K4SAW	W4GHW
WM4W	AA2F	HB9BMY	K6XJ	W7FS
WS7I	AI1W	JA1CC	K7HV	W7HJ
WU1U	AP2IA	JA1DHY	K9WMS	W7IMU
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	E29TGW	JH1MYJ	KP4DDY	WB4PWZ
106	EI6GF	JI4HKA	KQ6K	WB7QBS
AB6WQ	G3LOJ	JQ2MPJ	M0UPL	WD6T
AC7DX	HL4GHT	K0BRO	N1MIE	WD9IOK
AC8IL	JA1JYS	K1TWF	NB3R	WN9A
DS2GOO	JA1SZN	K2CQW	NI5G	XE1SAX
DS5MNO	JE6UWU	K4WW	RX3BP	YB0EIN
EA3AGY	JJ2BLV	K5JUC	VE7XT	YB9AY
EW4DX	JK1AIA	K7UW	W0PPA	YO6BHN
F5VIF	JK1AKA	K8WVA	W2SUB	ZS2ACP
F6JSZ	K0MB	KE4YOG	W4CU	
G0OJG	K1ETA	N1FOJ	W7KHZ	101
G0RPM	K5WE	N3PW	W7UV	AA9D
G3LPS	K6GCN	N4PAJ	W8EH	AB2NI
G4FVZ	K7CMZ	N4ZR	WA8KNE	AB4EJ
HI7SB	K8FB	N8TEM	WC9C	AB8YZ
IZ4IRO	KJ8N	N8WXQ	YB1ALL	C31MF
JA3AOP	KK4MA	NA8W	ZL1IM	DD9WG
JA3FRI	KR0P	OM6CI		DL3XAC
JF7NNI	KZ4EX	OZ9U	102	EA4UV
JJ1IRS	LA9JKA	PY2YW	4X1VF	EA8TZ
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KA9TOX	N2YU	VE3ZN	5W1SA	G4GEE

G4PUQ	9M8DEN	KB6IGK	W9ZT
HB9PUE	A41ZZ	KC5N	WA2ALY
IK2HLM	A71EM	KD1DT	WA2VJL
JA1KZP	AA7UN	KE1IU	WA3UTC
JA1QEY	AC0DH	KE8NOA	WA3YZD
JA5ALE	AD4J	KF5MDZ	WB0RXQ
JA5JUG	AE4VJ	KF5TL	WB2ZEX
JK3NSD	AF9W	KF9EX	WB6RAB
K0GEO	AK1P	KG4IYS	WB6RJH
K3AXB	AK4AO	KI0G	WD1M
K3LA	DB6VH	KI3O	WD4GZW
K5HX	DC1TK	KI4PG	WI0E
K8PGJ	DK1MCS	KK6MF	WK7W
K9GL	DK7GH	KL2R	WM4D
KB5YN	DL3ANK	KL7XO	WM9Q
KC3OPI	DL5JH	KR4Q	WU1T
KC4ZA	DS4GQR	LA4EI	YB6LAY
KD2RUY	EA5PS	M1EMC	YE1AR
KE9UA	EI2HZB	N0JX	ZS6CR
KJ5RC	EI4DQ	N0KM	
KU4A	EI4GJB	N0VTZ	
LA3ANA	EW4A	N1KI	
M0PTZ	F5JWH	N3NVA	
M5LRO	G0GFC	N4GOA	
N3CAL	G8GFF	N5CR	
N4PF	G8GNI	N5LJL	
NC8I	GW0KRL	N5LKE	
NJ2X	IK7NXU	N7WFK	
NZ1I	JA7PKV	N7WR	
OZ5JQ	JE7KCI	N8HM	
PA3AIN	JG0HEW	N8URE	
R2ARR	JG3LDD	N9MKC	
RZ6MJ	JG5VFK	ND0B	
SV2BXA	JN1RFY	NE3K	
SV4FFL	JR4VEV	NX6D	
TG9AKH	K1HC	OM2AGN	
UA4PK	K1JX	OR4K	
VK4BUI	K1PTF	OZ1GCT	
VU2OT	K2UF	OZ9GA	
W0ZX	K2UT	PY5VC	
W2FDJ	K3NO	R2AB	
W2GHD	K3RRR	SP2LLP	
W2PD	K3WSU	UR8IDX	
W3RMS	K4GM	VA2EU	
W3SW	K4KYN	VE1JF	
W4PM	K4QS	VE3KKB	
W6OU	K4RSA	VR2PX	
WB5KSD	K5LLA	VU2OY	
WD4IXD	K5MMH	W0RMS	
WM5H	K5PSN	W2MW	
WU6K	K5VSD	W4CG	
WX7B	K5YE	W4DFU	
YB8HZ	K7VL	W4YR	
YO2OXD	K9EA	W5PD	
	KA1CTL	W5YKU	
100	KA2F	W6OZI	
2E0XAR	KA4H	W9KM	