

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 21 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	JJ2KXK	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
JJ4POR	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	JJ8DGO	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	JJ1DHY
W4UM	RZ3AM	I0WDX	W5TCX	JR7VHZ
YU1FW	SM2GCQ	IK5PWQ	W18A	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	VE2TZZ	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
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
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
WB0TEV
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
UT2UB

YB1UUN	HB9BOI	G5LP	KB5VIP	E72A
304	HP2AT	IW0HQE	K5ZK	EA5AT
DJ9ON	JA0DIN	JA4ITW	N7TY	G8DX
DK5AD	JA1LSP	JA5BEN	NA5C	HB9BAT
HB9CEX	JA1SVP	JL2JVX	RM0F	IZ0RVI
JA2NDQ	JE1LFX	JR7WFC	SM5FUG	IZ3ETU
JA9FAI	JG8FWH	K2PK	SP8HKT	IZ8VYU
JE1DXC	JK1GOK	K8EUR	SV1GYG	JA3ENN
K8GI	K4SE	ND0N	W5LT	K5DHY
N7US	LA5LJA	PY2VA	W6XK	K7ZD
N9RS	MM0EAX	ZL1BYZ	W7AL	LU4FPZ
UY5AA	RN3QN	297	294	N8II
	WB5JID	E73Y	AI9L	R6AF
303	300	JA3RQ	AJ9C	SP5IWA
E72U	AC0A	JE7JDL	EA6NB	W4VIC
EA3GHZ	DL1TRK	JG0CQK	HA5VZ	W6SR
G3LZQ	DL4CF	K6ND	HA9PP	291
HB9DDO	EA1AF	K8WK	JA1FQI	4Z4DX
HL3IUA	EI2GLB	KG7H	JA1XPQ	EA6ET
HL4CJG	IZ5RVG	KT1J	JA5SUD	G0EHO
IK2RPE	JA9AA	W6YI	JE1GWO	IT9CVO
IK4ADE	K8GG	296	JJ1DWT	JH1BAM
JK1EXO	K8TL	AA4R	JR1DUP	JJ1TKN
K7WP	K8VFX	AA8OY	K7ZV	K4ZO
K7ZA	PA3CSR	AD6W	KD0Q	KP2A
KB1JZU	VU2PTT	CT1DOF	KZ4V	LA5HE
LA3WAA	W3OA	EV1R	N0KV	N2TN
RL3FA	W3RJW	GM0AXY	OE5BWN	N7RO
RW4NN	W5VY	IV3YYK	RU6L	PY2KP
SM6CUK	W6TC	JA1JAT	SV3DCX	VE3CFK
SP2BMX	W9AJ	K3PA	W3JX	W7BEM
SP3IBS	299	K6FW	YO2CMI	W8TN
SP7HOV	4X6ZK	K8VC	293	W9FR
SP7ITB	DM2DXA	LA8PT	DL1HRN	ZL4TT
SV2AEL	EW2A	N0RB	DL1SMA	ZS2DL
W1SKU	HB9CQK	RA3QK	EA3WD	290
WT8C	HB9RG	SM6BZV	G4GIR	AA4A
302	IK5RUN	SV9COL	IK0HFO	DS1JFY
DJ5JH	IZ4MJP	UA6YW	IW1QN	I4KDJ
F5CQ	JA7LGE	W2GG	JA2CXF	JA1KQX
G3SVD	K6SIK	YO2RR	JA3EOP	JA1QXC
HL2IFR	K9SM	295	JH0BQX	JH3GCN
JE8CLT	KB8VAO	DL1DUO	JK1TCV	KD0PO
K4MS	N9FN	EC3A	K3FRK	LA2QM
PY7DJ	UA9FAR	IW0SAF	K4JAF	LU3CQ
R5DT	UN6T	JA1BPA	N2LM	PP1CZ
RK4FD	VE3BW	JE2DZC	N4RWG	SK3PY
W0VX	WA3AFS	JH4ALY	N7IR	SV3AQR
W4QN	WA9PIE	JM1FHL	PY2IQ	UN7LZ
WD4LBR	XE2CQ	JN1RQV	S55DX	UN7TW
301	298	K0BBC	W7ZJ	W1EQ
AE5E	5B4AHJ	K0TPP	WA4FFW	W2LK
AJ6T	CT1FCX	K1GG	292	WB9EEE
CU2AP	DL7BA	K4XD	DL5CW	

289 DL9TJ JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX	HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN JH1BNC K1LPS K1RO K5PS N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI W9MJ	W8BBQ 283 DF2GH JA1RTX JL1XMN K3WW KJ6P N6TA OE8SPW W1LW W6BJH 282 K1DT K5UO K8ROX PC3T RD3AW SM4CTI UA0BA W4OX WN6W XE1KK 281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8HC W8KEN W9HBH WT4Q 280 CT1EAV GM3PPE JA3XNH JA6TMU JF1NZW JH1HHC JN7DOS JR6LLN JR7FRW K0TT K4WNW PY2DS SM5CZK	UT7UV VK3HJ W8LGJ ZS4TX 279 JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV OH1JP OH1ZK SM0NJO VE3DZ W4UCK WB2BIN WO7R 278 9A4T CT1FPQ EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM4AZQ VE3CRG W4MAY W8MHW WF2S 277 EU1KY F5PBM F5UJK JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM W1KSZ W2PP W3BW W8RLS WA3C	276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1YRC W1ZT W2OIB W5GO 275 AB4SF JE1BMJ JG1OGM JI3CJP N2JJ N7KA ON5UE PA7RA WA0RVK 274 EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ W7MEM 273 7M4AOE CT1BWU DH2PC IZ4DPV JA1KPH
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 284 DL6JZ EI9FBB GM3YOR IZ3ENH JA0DET JA8CJY JG3SKK JH3SIF JN1BMX OE2GEN OH4UI SM0CCM SM6CTQ W1OPD W2AY W4FQT W5ODD			
287 9M6YBG AA8LL AA8R IV3GOW JA2ATE JA9NLE JE2OVG K0AZ K5RT LA3MHA N3VA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F				
286 AB5A CT3HF DL2VPO				

JA2TBS	270	SM5BMB	263	ZS6WB
JA6BEE	7K1PTT	W6RS	DK4TP	260
JM2RUV	AA4FL		EA3CJ	AA9A
K4RG	BA4MY	266	EA4DL	EA8MT
LB2TB	DK8MCT	EI8IU	HA7UW	EA9IE
N4IG	EA1KY	IK0UTM	JA7XBG	EC1AIJ
NA5DX	F9XL	IW7DVM	JR8AMF	F6HLC
OZ1ACB	K0BJ	JA3BXF	K1KO	FG5FR
OZ4VW	K7UA	K8AJS	K4KAY	JA2FBC
RW7M	K9JF	NU1B	K8FH	JA3VPA
W4HG	KI5BLU	PZ5RA	K9FN	JA3WLN
W8QZA/QRP	N4QQ	RA4CA	KN6KI	JH3FUK
272	OE3HWC	SV1HEP	N1RR	JH4ADK
AF9H	PU2POP	VE3YF	N7BT	JJ2WOC
DS5ACV	VE6LB	W0FLS	NA5Q	K1ESE
I5OYY	269	W7Yaq	NF1G	K8YSE
IK5PWN	HB9IQB	W8MET	SM7IUN	LY1G
JF1LMB	IK7FPV	WB2GAI	W0GG	N6MZ
JH1OBS	IK8EPC	WB3LHD	W2XI	NT5V
K1UU	JA1OVF	265	WA4LOX	SK7AX
K6IPM	JA1VLK	4F2KWT	ZS6NJ	SP6A
K7EG	JA4VLK	G3WPH	262	TG9NX
K8BL	JA6GPR	JA1VRU	CU3EJ	WA5LFD
K9MBQ	JH3FHQ	JA4FM	I5REA	WS9V
KA1ERL	JP1NWX	JH1ACA	JA8BAR	WV8DX
KB1EFS	K0KT	JR1WCT	K8AV	259
KI4GE	K6EME	K2CBI	LA6UL	CT3KN
N2DPF	N6RV	K2SN	LA9FFA	DJ8NT
N4JQQ	NW7E	N5KM	N3RC	EA3EQT
N6PSE	OM4EX	N9JV	N8OC	EW1BA
NV9L	SM5FWW	SP6JIU	NK4L	JA8BNP
OE5FIN	YB1AR	VE3SKX	NX0I	JE2RDO
PA0ZH	268	W5DM	W5ZG	K2UFM
SV1ACK	HB9BUN	264	W6NWS	NI3P
W2OO	JA1IAZ	4Z1UF	W7LGG	PY5CC
W3ACO	JA1NWD	EA1KP	W7QDM	W1KDA
W3AP	JH4HMG	F6DBX	W9PZT	W7AH
WA1S	K2KA	HB9DHG	WA3GFM	258
WL7E	K6BV	IK4AUY	WB8ART	CU3EQ
271	KD4W	IZ0NRG	WQ6Q	DK7YY
4X1RU	N2AJ	JA7HRM	YB2DX	HL3AMO
HL4GAV	N5JB	JR4LNG	261	JA9AGN
IK2DZN	SM6BGG	K0DD	7K1CPT	JR3UIC
IZ8EJB	W2FV	K1CA	DK3PZ	KH2L
JH1OCC	W9OO	K8RRT	G3UAS	SA0AQT
JM1HJG	WA1YTW	N1EN	IZ8IEV	US0YA
K3PU	267	N1GC	JA3FHL	W1SSN
LA9GX	DL4DW	PA7TWO	K2FW	W5JAY
N4UOZ	IV3VBM	SV1CQN	K7LJ	W9EWZ
NN4X	JA2QXP	VE6AX	KM1D	ZL2IFB
UA3TT	JA7BEW	W5PF	LA5SJA	257
W1MK	JA8UIV	W6TMD	N9UA	AF4HX
WA0MHJ	K5VWW	WV4TN	OM8FR	DJ0UT
XE1MEX	K7XB		SM7CQY	
			W0JM	

DL9FCY	K0GW	JE1VTZ	XE2D	S55ZZ
EA1JO	K3SEW	K4VIG		YB0NFL
EA7SG	KI1U	K8CW	248	
EB3CW	LA5YJ	KG9Z	AK5X	244
IK2PZC	NE8P	KJ7TEA	DS5DNO	G4FKA
JA6OXT	UA3O	N4SC	EA4DEI	IK8UHA
K1SM		N5UL	G3VPW	JA1CZI
N1API	253	NV4B	HB9DOT	J16IHG
N6HC	AC9O	W2JLK	HL2KV	JN1NBU
PY2MC	FG4NO	W2TB	JA1PBV	K0KG
RU1AB	JA6IVR	W3ABT	JE2VLG	K1KA
SV1VS	JA8XQI	W4SK	JJ1SKG	K1YR
W3FI	JH2PWY	W5GAI	KF9UG	KK1W
W8MJ	K1FEV	W8OP	N4QWZ	W0QQ
	K6MKF		N4XP	W4REX
256	K8DV	250	N6KZ	W5PJR
BH4QYX	KE1F	6K5YIA	SV1IW	W9FI
EC1A	N7XR	EA1RT	W8IW	WA2USA
FG8OJ	UA0FO	HA7TM		WA3F
GU0SUP	W6RW	HB9EFK	247	WA8MCD
IK4HPU	W8GNM	HI8R	CT1FUH	
JA0KJE	WF4U	JH6PFY	K1PL	243
JF2VAX	YB0COU	JL1MWI	K3VAT	DS5TOS
JH1RGG		JR0EQQ	KH6M	G4XRV
K4JJW	252	JR5J AQ	N7DED	JA2EPW
K6EID	DL7UPN	K9YC	NA9RB	JS6TWW
M0TTB	F1ICS	K9ZM	PY5IP	K8ME
N1SV	G3KWK	KQ3F	S51NM	W1BR
VK3NX	G3NKC	OH2IS	W7IB	W4PNY
W6DE	JA1BNW	PA0JSE	W9JJB	WX2U
W8JRK	JA4HAW	PY2FN	WS5W	
WB7B	JE1HRC	W7HPW		242
WV9L	JF3PNQ	W7IU	246	EI2HY
	JF6XQJ	YL2KF	AA7G	JA4ZA
255	JH4CBM		GW4TSG	JH1ERJ
AI6Z	JL1BYZ	249	HL2EIZ	JH1WJR
EA5RD	JR1VAY	AF5CC	IV3KFB	JK1VXE
F6ECI	K1EFI	HL2CFY	JK1WSH	JR1MLU
HC1BI	K5FZ	IZ8GGF	JR7GBL	K3NQ
HL3DE	KB9DAK	JA8FFM	K3EA	K3WWT
IV3TMM	N6PM	JH1APK	KB6CIO	K4PB
JK1OPL	OH7TV	JH8GEU	W1KMA	K7FEL
KR4F	W2GW	JJ1QUV	W3ICM	KJ7M
N1RK	W2ZI	K9NR	W5ZO	N2NS
N5BO	W7CA	KF7F		N6HY
VR2XMT	WA4CEM	KM6HB	245	NF4A
VU2CPL	WA4JQS	N0RN	AJ8MH	PA3BWD
W2/CT1GIF	WV6E	N3KN	G3KMQ	RC2A
		NH6T/W4	HB9JOE	VK3BDX
254	251	OZ5NJ	JA3QOS	W8CZN
BA7IO	9A4W	SM4OLL	JJ6DGP	WC3W
CT1BWW	DL2RTL	UN3GX	K5IB	
IZ5YHD	HA5PT	VE3YV	KF7PG	241
JF2WXS	JA1DDZ	W0RX	N0AH	AB5C
JH1VUO	JA1EMQ	W8IQ	N2NW	G8AJM
JH2VVH	JA1SKE	W9RC	NZ3O	IS0AFM
JJ1BMB	JA5BGA	WB8K	OE3KLU	JH1UBK

JP1IOF K7KB KV1E N4OA N9SF W5DNT W5QM WB8CQV	W3MR 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 VU2CDP W0HBH W2YR W4GIW W6DR WA1PMA WY6N YB2TX 235 EA7QW EU1U JE1IBI K0EOO K0VSH K4YJ K5CWR K8ZM	N2FF N4IQ NA5Z NJ7G NW4M TA1CM 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 W2DXE 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
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VE7TK VK4CAG W7HR W9DX	K0NV K6IPV KI6CG KW4V N4ENE W8LMG WC4H	SM0DSF UR4IOR W5THT XE2X	EA2AFV I1YDT IT9AAI K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L	DK3UA HB9HIT IT9ODQ IV3FFI JA0LFV JA1FVS JG1JPE JG3RWX JR1EFG K5ALQ N6PEQ N8GP NA2M* VK3FM W1LE W3BJ
225 DK5RL DS4AOW EU1M G3SBP JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0IL K0OK K1JIU K2HAT K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT KB5UNX KS4YT KU8X RA4P VE7BV	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5CD K5JZ KD2T KE6V KG6I KI7AO KR2Q KR6C N1KC N6DX SV1FKZ W5GA W6GRV WA3I WC2K WW8W	215 9H1EJ AA7XT AA8SW DS4GKF HB9IO I5XFD IZ0BVU JP1GUW JR0AMD JT1BV KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL WA6HBR ZL2AL ZS2Y	212 G4ZOY JA1BWA JA3LDH JR2PZX N4FN SM5AOG SM7GIB VK5GR W5DAW WW2DX WY1G YL2TW
224 JA8NFV JO1LVZ K1CBK K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN WB0O WN6K	221 EA2AAZ IZ1JLG JI1NJC K4CGY K4MV K5DV K5ZQ KU4XO KV4AA N9JR NY1V RU0SN W0BM WA0WWW WB0N	218 DL2NOM DL4NBE G4VMX I7PXV JH1OGT KE3D N4JT SM7WVZ TZ4AM WA2NPD	214 3A2MW DJ3AS F4GVO HB9VAB JA7DPC K0QQ K2AZ N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG	211 JE2KSM JJ1JMZ JJ1KZZ JO4JDU JR1JGA K3SX KT2C N1BY VR2XLN W6UC W6WF
223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ IK2RZP IZ8MBW	220 AA6RR DL4LAM EA5DFV EI9FVB K1DJ K1NJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW	217 IK0CHU JA2NNF JA7ZP JG5RVQ K1RH KK2M KU4BP N6QI OZ0J W0TM YO3IPR	213 9A1AD AG3V	210 AA4LR CU3AN JA7FAS JH6RTO KD4SN KD8RQE LU4FW N8BK PY2WC S54A W5WP W7FP

W9IL WA9BZW WK8A YB0DJ	W9QO YB0MWM	IK2RGT IZ0BTV JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	VK6LC ZS1DX	196 CT3CD DF2UA G1VDP 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	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ N8BJQ NW7US W7IUO WA3WZR		199 AA3TH AC0X AD4AA HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	
208 DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J*	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JJ2KDZ JO3WHB K4YYL K5VR 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
207 9K2BM DG5LAC JA7MAD K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK	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 SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
	203 7L2QAD DF3EC F5NBX	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB		193 7L4VYK AE4CW DH3KM I4UUL IZ5MOQ JA0AXV JA1QIW

JA3PRM	JA2ITK	KM4NS	YB2TS	KE5TD
KM1C	JA3AVO	N6VNI		KJ6NZ
LZ2ZG	JH8KFE	W2CG	182	KZ2R
NU4B	JI2UDK	W5ZE	4X6KJ	N3KV
PY8WW	K7UT	XE1YD	AE4M	SP5ELW
SM5ELV	K8ZT/QRP		I5FLN	W0ZS
SP5IXS	KD0AA	186	I8LWL	W1HS
W8NN	N3AIU	K1BZ	JA6SQR	W4CCS
WA9DU	N6MXU	K5EWS	JI1CQA	W4TUN
WB6CJT	OT1A	K5QX	JK1DDG	W8QXR
	SM0BYD	K6EGF	K5DCW	
192	VA3OKG	KC6X	K7LAZ	178
F6FYD	W2OR	N5QS	KG4JSZ	AA8KY
IZ7GIT	W9ROG	W8RV	KL0S	EA8AXT
K1JD	WA8LRW	WA5IPS	KS0JD	G4DDL
K6XN	WB4GLI	WZ4RC	LA5LT	IW0BYL
KJ4UZU			N4MIK	JA1ERB
KJ4YLO	189	185	N8NA	K1ZE
N4XYZ	AA4UC	JK7LXU	N8NB	K3VAR
NC2Y	I0LYO	K0KP	NZ5O	KL7TS
UR3EO	IV3KCB	K3PP	VU3CAU	KU1T
VA2IG	JA1SGU	K9AQ	W6SFK	N4ST
WQ5T	JG1SWM	KE5BR	W7WZ	N5FEE
YB1TQL	K3HW	KQ4EE		N6DHZ
	K5RKS	OZ3SM	181	OZ1HPS
191	K5TN	UN7BK	EI3CTB	TF3JB
AA4NC	K6UXO	VA7ZT	IZ4AIB	W7HUY
G4XEE	KY5I	W0QC	KY6R	WB6AXD
HA5CW	N2MEE	W2WG	N1HO	WC0W
IT9IPQ	N6NU	W6RKC	N6VS	
JH1FNU	ON6KE	WV2I	N8AYY	177
JK1AJX	RM3DA		NV4A	4X6UU
JP1LRT	RN3CT	184	UA9AEU	IW8CGX
K1RI	SM4BZH	AD6ZJ	W6TK	IZ2EWR
K3DFL	W4AEJ	EA5RU		JE4RAL
K8QKY	W5SUM	IK0HBN	180	JF1LZQ
KF2OG	W6DPD	JA7FVA	A61BK	JG3KLF
N4DWK	YB4CHP	K3JM	AA4AK	K2JL
N7MQ		NW7M	DK1NAL	K2MK
NK7C	188	SM2EJE	JH1IZR	K3OX
NO0B	EA7AN	UN7BY	K8SL	K8YE
OV5O	JA0GCI	UT7KF	N7VPN	KF4VTT
OZ7DN	JH7NTW	W6BK	NA5S	SM5CBM
VK2HV	K2AX	WB2HJV	VR2XYL	SP9IZV
W5IP	K2DC	WB3BFC	W0MS	VK2AAH
W8UQ	N2ZZ	WB5STU	W4DSM	W0IKD
WB4DNL	OZ9XU	YB1RUS	WA6EZV	W0JW
WF1H	PY2RN			W1AO
W18R	W0PE	183	179	W4KVS
	WV4V	IU0ICA	DL5MHQ	WD8KND
	YO2DFA	JA2KSP	IK1ZNM	
190		JA3UNA	JA3EEM	176
AA4U	187	JE4CIL	JH1XFR	DL6NW
DJ9KV	AF6PK	K6LRN	JK1JAS	F4FLF
EC7B	EA5HM	LA7EIA	JR3ADB	G4AYU
F4DSE	F4WDL	NA2U	K4WZ	JH8FIH
G3WW	IK8GJR	WF8R	KB7AK	JR1FHP
HL4CCM				

KK7YC	KI6MQX	K6JJ	KB8NTY	RA0BA
KT8D	LA9VBA	K7CU	KD3HN	RL3BZ
KW9U	N7HN	LA2GH	KE3X	VK3TC
LA4JGA	N9DR	LB7ZG	KH6XT	W2FS
N1JP	N9IO	N3WD	KM4HQE	WB2WPM
NM1G	NC7B	N4VN	N1ZJ	WB9PNU
VE1VOX	NX2X	N6EM	N4PL	WC4X
W4LEW	SM0EUI	N8VV	N8JS	
W9WO	W2PD	NX4TT	N8OQ	164
WA3GNW	W4DTA	VE1OP	N9ATF	AC4BT
WD4IXD	W7VAS	VE2YG	PT2ADM	CT3DL
	WA7BNG	W0OGH	PY2SEX	DL7JRD
175	WY7FD	WA4USA	WA0SXV	EA3HDZ
AG5CN		YO4AUL	WA5NFC	EI6IZ
EA6UE	172			IZ0GVZ
IU8IYE	EI1DG	169	166	K6CF
IW1PUR	JA1BON	AC0DQ	AL7R	K6GFJ
IZ0CKJ	K5TA	DM3CW	DL1SVA	KA1API
JE3PCP	LZ1XL	JA1KXT	GM7NZI	KB7QFE
K0KV	N3AO	JE1PHH	HL4XM	KD8MQY
K1ROA	N5PA	K8ZZU	JA1PVX	N2XQM
KD4POJ	N7GCO	K9OT	JG3KMT	N7WI
KF6HI	SP5ES	KI2D	JR6GHN	NA2P
KN7D	W1ASB	N4MI	K0FLY	PT7DX
N7NG	YB4IR	N5MT	K7CTV	S50B
NS3L		N6MB	KN4FO	SP7QHR
UA1OM	171	RD3BD	KR4BD	W6SIY
UA9AGX	AA5N	SV1IZY	KW4J	W9CSX
	AD3C	W6FL	SV2CLJ	
174	CT2GZE	WA6QGH	VA7DX	163
AD0K	DL5MM	WB8EKG	W4PGC	4O3A
AG4Q	F9CI		W8SAX	AA4OC
DL5KUA	JJ1BDX	168	WA1ZIC	AD5MD
HB9HVG	JS6QOM	A92IO	WA5NOM	AI4QQ
JL6USD	K2TV	AB4GE	WB3JFS	DS4NPL
JR3TOE	K4NTO	EW1P	YO3AIS	EA1AZ
K1XE	K4WY	JA0PZJ	ZL3RJ	F4CPF
K5CR	KB0V	JE4KCN	ZS6IR	HA5BSW
K9HQM	KC5LK	JH1ORA		IK2ULM
K9UQN	KP4DKE	JH3EQP	165	JA0MRW
N7NW	N8WRL	K0PC	AG6HE	JA4GXS
NG9J	NA6O	K0PX	CU3HN	K0ABC
TF3VS	ON6MX	K0RAR	EI5JL	K0CF
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W5WI	WA4DOU	LU8ADX	HL1VAU	KE1B
WA4BIM	WA5KBH	LX1CW	IK0XIH	KO4PRE
WA4NUF		OE1ALW	JE4WOK	KW4MM
WB8QZM	170	R4FAN	JF1KML	LA1CO
	DL2JIM	SV1XV	JR1KBJ	N0AMI
173	EI5KO	VR2MY	JR6LDE	N4KM
AB6CF	EI6AL	WA9IVH	K3VPZ	N7KDT
AI9U	JA1GVT	WX0Z	KG4CUY	N9LEO
DM6MA	JG1GJH		KG5NP	OH3PYY
HB9DVZ	JG1RYQ	167	LA2XPA	R3IS
K6UNE	JK1BIB	JA8BOV	N2RJ	SM7CZL
K7STO	JQ1PCX	JE3FOR	N3KS	VA2LC
K8JE	JQ1YIW	KA5JSM	PT2ND	VU2MSA

W1OK	YO8CRU	EI2JD	YB1AYO	KD2OV
W1XV	ZS6RJ	GM4KHE		KE9S
W4PGM		JA0NZR	154	N8IK
W8MIL	159	JA1UBZ	AC8TO	N9GKE
WB9B	AA3AZ	JA3MHA	AJ8B	ON4LG
XE2YWH	CT1ESO	JE3OUW	DS5WQT	R9JX
YO3DDZ	DD0VE	JG1XBM	IZ0FUW	W2NY
	DK8IZ	K0SRL	JA0GZZ	W6RFF
162	EA1P	KN7Y	JA1IHD	W7JET
4F1OZ	IK0WMJ	N4QM	JA4HXF	YV4DYJ
AB1J	JA0ED	N6VH	JA8ANQ	
BH4IGO	JA4FKO	N7JB	JE6PJP	151
DJ7JC	JH1BHW	N9AZZ	JH1AQN	DF1IR
DS3EXX	K0IO	N9MB	JM1JZN	DL4KUG
EA2AGV	K1EDG	PY1NS	JR3QHJ	J68HZ
HS8KAY	K4SAF	W3HKK	K5DXR	JA2BUR
JR4CZM	K8EB		KC1ERO	J13BFC
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W8FN	N1MD	GM3WIL	W8TM	K7LAY
	N4GBK	HB9HHH	WA9MAG	K9AAA
161	N4VG	HB9MXY	WN7J	KE4BKL
HL3ERJ	NE5S	JA1CCG		KE8G
JP7FSO	NF7D	JA2ODB	153	KK4CLY
K2OP	VA3NXM	JA9RT	HB9BEM	N7MB
K4AR	W1EBM	JH2AJY	JA3UOQ	NU4I
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N7VZ		K2HT	K0YL	VA3HP
NA6XX	158	KA9OKH	K3GO	W3HER
OK2ZDL	9J2BS	N5QZ	K4OY	W5WLA
SM3PHM	G4SGX	N7RD	K8ROK	W6WA
W5BK	IK1UGX	W1MR	K9MMS	WA9JWL
W5RDW	IK3DVY		K9YZ	WC2C
W6DOE	JJ1KXB	155	KF9LI	
W9GG	K4HQB	5P5Q	KK4XL	150
	K8GWU	DK3QM	LA2IR	DK3BK
160	KB2XJ	F6KOP	M0MCV	DK3FB
E70T	KC3AK	G0THF	N0VVV	DL9SAD
EA1WH	KF7NN	HB9GWJ	OH3FVP	HB9EBM
JA1ITJ	KJ7NO	IV3TDM	SP5NON	IT9ABN
JA1UOA	N0SL	JA0EBV	W3DIY	IZ2MHT
JF3VEC	N4XMX	JA6SUY	W8OM	JA7GZM
JG2LGM	N6MM	K2DF	W8VK	JR7XOD
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JK1NPH	OH3DP	K4WM		K8WHA
JR1CAD	W0JMP	KM2O	152	K9RT
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KC9K	WB2RAJ	N1QY	AK9B	K17M
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N4MEC	WT2P	NK7Z	DF2WF	N6JOJ
N5WA		NO9E	DU1KT	NM4SH
N8IL	157	NU1T	G4AFJ	ON6ZV
NI5F	7N3IJT	OE1HBB	IK5BSC	SM0BSO
W1TO	AB2E	UT7EC	K2EK	VU2NXM
W9FF	E20YLM	W5SV	K4RDU	W3KB

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W4NE	I4JEE	AD0TR	HB9EXQ	TA1PB
WL7OU	IS0/YO3RA	DL6DCD	IZ3XEF	ZL3TE
ZS1C	JJ0LZQ	GM0VIT	K2JK	
149	JK1OTP	K1TKL	K4RM	138
7N2JZT	K3GGN	K7QBO	K5VG	AC5AA
DS4DRE	K5UZ	K8OS	K8RCT	DL5KUT
ER0FEO	K8MRT	N5UE	K9AAN	DL5ZB
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JN4FNZ	KB9LIE	TF5B	KA5VFU	JA0CVC
JS6SCC	SV8RX	UY2UZ	KE7BMG	JA1VRY
K2KIB	VE3FAC	W0AIH*	NZ6N	K2YSY
K2RET	W3NRJ	WB9W	SV2JU	K6CW
K4TXJ	146	WX3P	W1ITU	K9BO
K9EXY	AE5B	143	W1NA	KC9G
KD4EE	EA4D	AA4MM	W3IZ	KF6A
KM2E	HP3TA	AF3X	W5GOL	KL7NW
KP4DS	JA3KWZ	EI7JZ	W6HDG	KU9S
N0STL	JE1COB	FM5DN	WK9U	N3PV
NE0U	K1IG	HB9AAA	140	N5RN
NU4Y	K6NR	JA1MOD	AD9DX	N9BVA
NZ0O	K8ARY	JF2RSF	EI6JK	OD5YA
RT0F	K8POM	K2OO	JJ1OKK	PV8ABC
TF3Y	KB9AIT	K6LPO	K0UBR	V31CQ
UA9MC	KM8AM	K9BQL	K4AU	VE3MSC
W1DAR	N6FS	KE4FW	K5GZR	W0UHL
W4MA	N6RK	KG6D	K6EV	W4DWS
WA1EHK	N9MR*	KJ2U	K6GCN	W4EJG
WF7T	NJ1Q	KJ4R	K7VC	WA5POK
148	SM3DXC	KN7K	K7YMG	137
4F3BZ	TF4M	LB2TG	KO4DKI	DL2RD
A71AM	WA2MUA	N2YBB	LA8PDA	G3PSM
AE0MO	WA3SKQ	N4UP	LZ2HM	HL1MKT
AI6P	WW8RT	N7ZA	N5JED	JH1SBE
F5NNN	XE2B	TG9AJR	N7TW	K2CDJ
IW5EIJ	YB1BML	W4JVN	NS0D	K2RKJ
JF2AIJ	ZS6UT	W4UFO	VE3NJC	K6IRA
JR3PKO	145	W7VS	W5VU	KP4N
K5LY	5T5PA	WY0V	W9BS	N9NFT
KA3GWD	AA5TL	142	WB1ASL	NI4Y
KB8ZUN	AC7JM	AA4DD	WW6G	OE3JAG
LZ1MDU	AL7TC	JA1PUK	YB3MM	SM5CSS
N0TK	DL1MEV	J11UHZ	139	SP3EPG
NJ6K	EA4S	K2CJ	F5VML	TA1AL
PY2CP	EA7LS	K3GT	HB9ARK	W2GGY
VE6TL	F1OBJ	K9UO	HB9DTE	W4UEF
W4AFB	JH1CTV	KA6BIM	HL4CBX	W9MR
W4AG	K5FXB	KV7N	K0QB	WA0WOF
W8VI	KQ5M	LA1J	K2WJ	WA5YOM
W9GM	KS0M	W8WV	K9TRV	WG0G
W9MAK	N6KK	141	KX4I	WS1F
147	NS4X	7K3QPL	N0CKC	136
AB9KZ	W3DQS	9H1AE	N2SG	AC9GK
EI7GY	W7NP	EA1T	N7NF	DM5JBN
	WR7Q		N7UJJ	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	SM3WMU	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	IW7EDZ
WO5I	WA6MRK	KB3IFH	UR9IDX	JA5CDL
	WB1S	KD2NF	W0QD	JA5XPD
	YO3GJC	KI0HA	W5MF	JH4GXE
134		KN4JX	W6IS	K2GLS
AB0RX	132	N2YF	W8BI	K5KDX
DL4ZAB	AA4FU	N5JEY	W9EBO	K7PO
EA6AZ	AK3E	N7TM	W9TO	K8GT
IZ8DEO	AK6I	NS4F	WA4UWD	K9QA
JA5SEY	I8NLC	OZ6TL	WC4V	KC5RR
JA6GXP	IK8OZV	PU4MMZ	WP4CQ	KC9WPS
JR0GXA	IZ0COI	W1MO	WQ1H	KK4CB
JR1HYA	JA9KRO	W2FDM	ZS6AKU	KM4CQG
K3KY	K4BNF	W9CTJ		KS4WA
K7FL	K5SES	WB8RFB	127	N1GNB
K7RAN	KB8KIM	YB2IQ	7Z1HL	N5HC
K7YZO	KD3UY	YO8PS	AG4TO	N8YQX
K9JDP	KG8OU		DJ5DT	N9XG
K9SUH	KI7HO	129	DL9GTB	VE3TMG
KA9JCP	KK5ID	AD6KQ	EA4TX	VK2DAG
KD2SC	M3DFW	AE7U	G8BCG	VR2VGM
KF5WCP	N3TR	DS4EJA	HB9TJG	W7FI
KN4OK	N4EDT	JA0AVS	HK6K	W9COS
LB5GI				

XE3E	ZL3REX	W1KKG	JA1DCO	N3HYB
125	123	W5HNC	JH5OTE	N8KUS
AC4XO	AB9BH	W6HB	JJ1XVA	VR2CC
AF8C	AE5FM	WF5I	K3QB	WA7ZXD
EI8GS	AI5EG	XE2MX	K9CHP	WA8RCK
G4EHT	DJ6OZ	121	KJ6Y	WB5TOI
IK8PGE	DS4DBF	AB4BJ	LU3XX	ZS2I
IZ8EYN	G6NHU	AK0A	N0TR	117
JP1GVC	IK0XKP	DL7UGO	N1TQP	AD7L
K0MD	IZ8LMA	HA2EQD	N2SO	CE3FZ
K5NOF	JA1GLE	IK6BMU	N3DV	F8EZE
K9ARZ	JA2HOL	JA1CPN	N3GS	IS0BZR
KK5J	JH1RVQ	JA1EYN	N4UFP	IZ7QFN
KK7BR	JL3RNZ	JA1WTO	NJ8G	JA9KA
NA7RH	K2JGL	JE2DOD	NR2D	JM3GXU
NN6CH	KC2THY	J15WDC	VE3QAA	K0FF
SM5AFU	KD0KZE	K1LTJ	VR2ZXP	K4AEH
TF3MH	KG4OJT	K3CWF	VU3RGB	K9LCR
W0XE	LA2XNA	K9MQ	W1RG	KA4AHU
W3ATV	LX2SM	KK4ODQ	W5RYA	KB2S
W4AO	N6DVR	KU2A	W6GJB	KB5CSQ
W5CWQ	N9RE	N3ER	WT5L	KO4PY
W6PG	OH3TY	N5ZY	YB0AZ	KP4ED
WA1LAD	PY2ADR	NA2R	119	KZ1X
WA4TMJ	SV7CUD	NA4MM	DL2VWR	N1GFV
WM4AA	VE3VHH	NY4G	F5BAR	N8AGU
WR2G	W2ARP	OZ6EI	HL2MHU	VE7NY
124	W2WGK	PP2FN	JA6JYM	W3LWH
7L3SQL	W4UT	TA1L	K7LOL	W4ARK
DJ3EJ	WB8TGY	UA0FDX	LU9DO	W4PG
EC4KW	WU7X	UR5FLN	N8LCU	W4VG
EI8IQ	YB9WZJ	W3/NH7C	ON8PHD	WB9WHQ
G4RGK	ZS6NK	W3JXP	SV1BYI	YO6HOY
IT9YOZ	122	W4CC	SV2KF	116
IZ1UKF	AA0BH	W4KCM	VK7AP	6K2ILX
IZ5BYJ	AA5B	W5UQ	W1ZK	AA0FT
J11DMH	AB5YI	W7PC	W3MRL	EA5GXI
K3SUI	DB4RG	W9MB	W6ZPL	EI4BZ
K6VVK	G0HSA	WA7HQD	W8EOG	G8GHD
K7HC	HC1HN	WB7BBQ	ZL2AO	IZ2CSX
KB8DID	IZ0FYW	WQ8T	118	JA2KPW
KC2NJ	JA9ALR	WT3Q	6K5AQY	JT1CO
KC4AA	K0HQW	WU9D	AE1T	K1EO
KD9ZR	K1AJ	120	AJ6X	K4GHS
KK4TKJ	K3DQB	AA2T	DJ9KM	K4LCP
KV8P	K4VAC	AC4TO	IZ0RPS	K8JRK
N0YO	K9KJ	AE5LK	IZ1JIZ	K8MN
N4LSJ	KB4ET	AI2S	JA6CMQ	K9GWH
N5VBK	KN9N	CT7ABD	K9KJS	KC1RET
NT4K	N1ZZ	CU2CE	KA9JAC	KD5RBU
W0DD	N4GRC	DS3DNT	KB3KJ	KQ5S
W6ELI	N9ATD	DS5QLJ	KD9BIE	N0ATQ
W6ND	UT9LC	F5AQB	KG5VK	N0UCR
W8PAT	W1ES	IK8IPL	KX6C	N2ZL
WW5L	W1HEO	IT9JPS	LZ1XZ	N4KEB

OE6CLD RW6MBC SM1NJC VR2IL VY2RU W1HQ W7WES W9LU WA4VJK WW5RC	NA1DX NG8T NK5K W0QKL W2ZK W8LR WD0AJG WN0L WT9U XE1EE YB2BNN ZS4JAN	112 3C3CA 7Z1CQ DL5FAC G0DTX G3YFE GM0SCA IK4EWN IS0BQE JA4RED JF3AHI JH0LME K0XM K4HEB K4ZMV K4ZRJ K8CJY K9KDS KH6P KY6AA N0OK N8AID NQ4A NZ7Q S51DV SP2LLP W1USN W3WN W4LLP W5GCX WB2UFF WD8LTM WF4W WJ1B WN1M ZL3PAH	TA1UT TA2RC TA7AZC W7WT W8PE WB8PKK WU4B XE1ZTW 110 AC0B AG5Z CT7ANG DK4MX EA1BLA EI9HX G4VWI G6MXL HB9BEP HG6IA IZ1EPM JF3KOA JH1FRW JR2PAU JR4DHK K3MSB K4KAL K4RP K6DJ K6SLO K9TVG KF8PD KN6HIP KV3W N1TQ N3YZ OE6BME PV8AJ TF8GX W1ZZ W5JE W6TCP W7YED W8TE W9GFB W9JJ YB1SKR YO5QAW ZS5LEE 109 AA4RX AC8AZ AF3K DL9QJ F5DBT F8DHE	G0MMI JA5GOJ JA9IWR JH4GNE JI1IZS K0FD K4AEN K6JAD KB3Z KB7DT M0AQM N4LS N4WD N6RVI NN8L NW6R NX1P NZ3M PF7M PV8DX SP7ASZ T88UW W3GP W4JDS W5SG W7CB W7VP WA6URY 108 7M4CLF AC8MR AC9DX DB9CR DL1TPY DL2AMD DL2NAI DM5TI DU1IVT E70X EA5XV G5CL IK1RKN JA2DCN JA2KGQ JH1OVY JR4NUN K1FUG K3XO K8LBT KC8YG KE3ZT KE7AUB KI4SFT KJ2AM KJ4SKO KO4XI
115 AA9WO AF7WM E74A HB9MZI HL4RBR IW2FLB JA0NPQ JH8LEY JJ2VLY K5TU K8CR KB4CRT KB7V KG4URP MM1PTT N7PIB NE1RD NG0G NW6V OE5MPL SP5BMU W0LGQ W3UNX W4OV W5WS WB4MM WJ5K WS4H	113 AB1NS DL2DCX EA5DPL EI2FG F5EOT F8GB G0UII G4NAQ G4YCS HB9GZE JA2CPD JA4CSJ JF1AZQ JG0HEW JH1GNU K1JKR K2KNB K4JDJ K4JLD K4TR K5WRE K7BWC K7MO K9DUR KA5OWI KB1OIQ KB2TGU KC0V LU3JVO M0NGN N6DW NA9L S52R SV2DSJ VA3AYA VK7ZE W1FC W3JM W6BBS W7CD WB9YJE	111 AD7XG AJ6V AK4N EI9CN F8DZY G4ZWY HB9ECS JA4DLF JA5EEU JE1TNL K2KYH K5NV* K8ZEE K9JIG KI2Y KM5VI N4NYY NT5O PT7CB		
114 G3CWW HC1HC I0BJV JA1CCH JA1CPU JA8EIA JA8WGX JG4OOU JM3XZC K1RE K2IRM K3PL KB1W KI8AE N3DD				

KW1X	WS7I	AP2IA	JA1RBY	K7HV
LU2AH	WU1U	DL9GTK	JH1MYJ	K9WMS
N2IFA	ZP6CW	E29TGW	J14HKA	KA7CVJ
N5FPW		EI6GF	JQ2MPJ	KP4DDY
N5TW	106	G3LOJ	K0BRO	KQ6K
N7TP	AB6WQ	GM1TBW	K1TWF	M0UPL
TF1A	AC7DX	HL4GHT	K2CQW	N1MIE
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W7SMW	EA3AGY	JJ2BLV	K8WVA	VE7XT
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WC4B	F5VIF	JK1AKA	KE9V	W2SUB
	F6JSZ	K0MB	N1FOJ	W4CU
107	G0OJG	K1ETA	N3PW	W7KHZ
AB7RW	G0RPM	K5WE	N4PAJ	W7UV
BG8PA	G3LPS	K7CMZ	N4ZR	W8EH
DJ5FZ	G4FVZ	K8FB	N8TEM	WA8KNE
DK2GP	HI7SB	KJ8N	N8WXQ	WC9C
DS4OMS	IZ4IRO	KK4MA	NA8W	YB1ALL
E73D	JA3AOP	KR0P	OM6CI	ZL1IM
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EI5GSB	JF7NNI	LA9JKA	PY2YW	102
IC8XIL	JJ1IRS	LZ1JZ	RV4LC	4X1VF
JA3MAT	K6VWE	N2YU	VE3ZN	5H8HZ
JE1CTA	KA9TOX	N9APK	VK3MB	5W1SA
K0FJ	KI0KN	N9IXD	W0VU	AC0XY
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KA4LBD	N6UOZ	W1PY	WX0B	K1MDA
KB0EL	N7MW	WB8LEM	YB1BUL	K2DH
KF2G	N8OYY	WD4OHD	YO6HSU	K2DW
KF6XA	N9ZJ	WK3A	ZS6HON	K4HR
KJ4FZ	NG4C	WZ9B		K6BLG
KR4U	NI7F	YU1LD	103	K6JAV
LU5OM	NS7K	YV4EH	AF8P	KA1CTL
N0MHL	PT2DF		DS5JMG	KA8HDE
N1UZ	PY2OC	104	EA2RY	KB1AWM
NC7M	UA0ABB	7N4OBV	EI9GLB	KO3F
NI8Z	VE3BHZ	AA2WC	FM4LV	N2CJN
OV2B	VE3XK	AA6XV	HB0RER	N2FY
PP5VA	VU2MB	CT3DZ	JA7HYE	N4IR
RM6LW	W0TLX	DD8BA	JF1KIG	N8KOJ
SV3EXP	W4/KL7GLL	EA4EJP	J11FXS	NA4D
TA1CQ	W6KF	EI3HA	JP1KHY	NN5O
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WB2BXO		HA5DI	K4NI	W1GF
WB2MKX	105	HB9BMY	K4PWS	W1MRH
WC2L	AA2F	JA1CC	K4SAW	W4GHW
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W9GWP	SV2BXA	K0JDD	NX6D
WB4PWZ	SV4FFL	K1HC	OM2AGN
WB7QBS	TG9AKH	K1JX	OR4K
WD6T	UA4PK	K1PTF	OZ1GCT
WD9IOK	VK4BUI	K2UF	OZ9GA
WN9A	VU2OT	K2UT	PY5VC
XE1SAX	W0ZX	K3NO	R2AB
YB0EIN	W2FDJ	K3RRR	UR8IDX
YB9AY	W2GHD	K3WSU	VA2EU
YO6BHN	W3RMS	K4GM	VE1JF
ZS2ACP	W3SW	K4KYN	VE3KKB
	W4PM	K4QS	VR2PX
101	W6OU	K4RSA	VU2OY
AA9D	WB5KSD	K5LLA	W0RMS
AB2NI	WM5H	K5MMH	W2MW
AB4EJ	WU6K	K5PSN	W4CG
AB8YZ	WX7B	K5VSD	W4DFU
C31MF	YB8HZ	K5YE	W4YR
DD9WG	YO2OXD	K7VL	W5YKU
DL3XAC		K9EA	W6OZI
EA4UV	100	KA2F	W9KM
EA8TZ	2E0XAR	KA4H	W9ZT
G3VDB	9M8DEN	KB4DSL	WA2ALY
G4GEE	A41ZZ	KB6IGK	WA2VJL
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HB9PUE	AA7UN	KD1DT	WA3YZD
IK2HLM	AC0DH	KE1IU	WB0RXQ
JA1KZP	AD4J	KE8NOA	WB2ZEX
JA1QEY	AE4VJ	KF5MDZ	WB6RAB
JA5ALE	AF9W	KF5TL	WB6RJH
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JK3NSD	AK4AO	KG4IYS	WD4GZW
K0GEO	DB6VH	KI0G	WI0E
K3AXB	DC1TK	KI3O	WK7W
K3LA	DK1MCS	KI4PG	WM4D
K5HX	DK7GH	KK6MF	WM9Q
K8PGJ	DL3ANK	KL2R	WU1T
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KB5YN	DS4GQR	KR4Q	YE1AR
KC3OPI	EA5PS	LA4EI	ZS6CR
KC4ZA	EI2HZB	M1EMC	
KD2RUY	EI4DQ	N0JX	
KE9UA	EI4GJB	N0KM	
KJ5RC	EW4A	N0VTZ	
KU4A	F5JWH	N1KI	
LA3ANA	G0GFC	N3NVA	
M0PTZ	G8GFF	N4GOA	
M5LRO	G8GNI	N5CR	
N3CAL	GW0KRL	N5LJL	
N4PF	HB9HFM	N5LKE	
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NJ2X	JA7PKV	N7WR	
NZ1I	JE7KCI	N8HM	
OZ5JQ	JG3LDD	N8URE	
PA3AIN	JG5VFK	N9MKC	