

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 29 Oct 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	OE6IMD 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 JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT I4AVG JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX			333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW PY2SP PY5EG	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA
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		
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY			

LZ2DF
PY5HOT
SP3E
VE3FF
W5OZI
W8UVZ
YO5BRZ
YU1FW

330

AA1ON
DJ2YA
DL1AMQ
EA7TV
EI7BA
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
JH1GZE
JI4POR
K3WC
K4CN
K4ZYU
K9CT
N4JF
N8JV
N9IW
NR1R
OK1MP*
RA3CQ
SP7GAQ
W3NO
W4UM

329

GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JA7MSQ
JH1TWT
K0EU
K1HTV
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP8NR
W5XX
WA1JMP

328

AA5AU
DK5WL
DL7MAE
IZ5EKV
JA1SJV
JH2FXK
JI2KXK
K4QL
RU3FM
SL0ZG
SP9DWT
W1ECT
W2IRT
W5FKX

327

AB4IQ
CT1APE
CT1IUA
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH0INP
JI8DGO
K0DEQ
KW9A
N2BJ
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SV1RK
YO9HP

326

EA5BY
JA9APS
JE1SYN
JF1WPB
JF3KON
K5EK
K8PT
LU2NI
N3NT
N7RT
NK1K
ON4IQ
OZ1AXG
SP5DIR
W8DCH
WP4U

325

EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JF1PUW
JF7XKY
JH8RZJ
JL1RUC
JR3GWZ
JS2LHI
K9EU
K9IR
OE2LCM
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1RM
W3LL
W6RLL
W9OP

324

DK9KX
DL5DSM
FK8CP
G0DQS
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JJ3PRT
JR2LJO
JR3OEH
K5KC
K5MC
K9YY
KA9CFD
N1NK
N4II
N8BM*
OE8HIK
R3OK
RV3LO
VE2TZT
W8OI
W9OL
WB4TDH

323

AD1C

EA3GP
GM0GAV
JF1KKV
K6FG
KF0QR
LA7HJA
N5TY*
N8RR
NY0V
OH2BLD
SM6DHF
UA3AB
UT9FJ
W7AO

322

CT1BH
CT4NH
EA2IA
F5PAC
IK4GME
IK8YTA
JA4FKX
JJ2LPV
K2UO
K7NN
KU0A
KV7K
N4DW
N4NX
N4PQX
OE1WEU
OH1LEU
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A

321

AA4V*
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
KX4R

N5XZ
OE6MDF
OE8RT
SM6DHU
SP7VC
SV1FJA
UT7UJ
W4FC
W8GC

320

AA8CH
DM5EE
G0BLB
I2EOW
JA3PIS
JO7WXN
K1LD
K4EM
KQ8M
NE1B
UY5ZZ
VE3EXY
W3KX
W5WT
W6XA
YV1DIG

319

DJ4AX
DK1FW
EA8AKN
HB0CC
IK4DRR
JA9TWN
JI1DHY
JR7VHZ
K6AM
N4DB
N4QS
ON4AOI
UA3AP
YO3APJ

318

A45XR
AA4HP
DL6KR
G4PWA
JA1ANR
JA2JNA
JA4EPE
JH4JNG
K2TE
K4IQJ
K5BG
K5DU

LA2PA
PY5EW
R3VA
RA7A
RW3RN
SP1MGM
SP3CGK
VE3LYC

317

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

316

AB3CV
DF2UU
DL6CNG
G0OIL
IK2QPR
IW1ARB
JA5XAE
JA8EAT
K1BD
K3WA
K4HB
K8YTO
KG8P
N5DG
SP1JRF
UA3DPM
W1GL
W7MO
W9ILY
WA2VYA
WA7NB
YB5QZ
YO7LCB
YS1RR
YU3AA

315

9H1SP
AA5AT
AB6QM
AC4G

G3VKW
HA1RB
HK3W
IZ1LBG
JA8RJE
JA9CWJ
JN3SAC
JR2BJE
K8NVR
N5OK
NN4R
OE3EVA
ON4IZ
PY2NQ
SM3VAC
SV2DGH
WB0TEV

314

CT1DKS
EA1N
EA6VQ
G3NDC
IZ8FFA
JA2AH
JA2ZL
JR4OZR
JR9LKE
K2LS
K5AQ
KB0EO
LA7AFA
MD0CCE
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UX0FF
W9RN
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
ZS6EZ

312

AA5AM
F3SG
JA1SYY
JA1VSL
JA1XCZ
JH1AGU
JH1QAX
JN1BMX
JR6FC
K1HT
K3RA
K5XI
KG4W
N1IBM
N5ORT
RU3QR
SV1CNS
UT2UB
W7CT
W8HW
WD9DZV

311

CT1FMX
IK0PEA
JA2XYO
JA4MRL
KM4H
OE3SGU
OZ4O
PY2XU
UR0MC
WB9CIF

310

HB9SLO
JA0CRI
JF8QNF
JG3FEA
K0KX
K6RO
K8AC
K8FL

KC7V
LA9AJA
NS6C
RA0FF
RL9F
SM2OAN
SP6HEQ
W0YG
W4BP
ZS1LS

309

JA1EOD
JG4AKL
K1AR
K2UU
K8QM
K9ZO
NN4SS
NU8Z
R9TO
RU3DX
RX3AGD
UA4LY
W2JU

308

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

WE9R

307

A65BR
DK2JX
F2JD
HB9TKS
I5HOR
JA2XW
JA3GN
JA6WJL
JJ3HGJ
K2SHZ
K9RX
LU8EKC
NI6T
W7DO
W7OM
W9JA
WA5VGI
ZS2DL

306

9K2OD
DL1KUR
DL5EBE
HB9DDZ
I1EIS
IK4PLW
JA2VQF
JE2LPC
JR2UBS
K5WAF
KD3CQ
OE5RLM
R8TX
R9FM
SP5IWA
UN7JX
US5WE
W5AJ
W5XC
ZL3JT

305

AJ6T
DJ4XA
G5LP
JA1IOA
JA1WSK
JA2NDQ
JA7BWT
JE6TSP
JH7RXU
K0JUH
K3XA
K9NW

N9AU*	WD4LBR	XE2CQ	IW0SAF	N2LM
PA5TT			JA1BPA	N7IR
RA9CMO	301	298	JA1FQI	PY2IQ
SM3NXS	AE5E	5B4AHJ	JE2DZC	S55DX
YB1UUN	CU2AP	CT1FCX	JH4ALY	WA4FFW
	HB9BOI	DL7BA	JM1FHL	
304	HP2AT	JA4ITW	JN1RQV	292
DJ9ON	JA0DIN	JA5BEN	K0BBC	DL5CW
DK5AD	JA1LSP	JA7MYQ	K0TPP	E72A
HB9CEX	JA1SVP	JL2JVX	K1GG	EA5AT
JA9FAI	JE1LFX	JR7WFC	K4XD	G8DX
JE1DXC	JG8FWH	K2PK	K5VIP	HB9BAT
K7WP	JK1GOK	K8EUR	K5ZK	IZ0RVI
K8GI	K4SE	N4RWG	N7TY	IZ3ETU
N7US	LA5LJA	ND0N	NA5C	IZ8VYU
N9RS	MM0EAX	PY2VA	RM0F	JA3ENN
UY5AA	RN3QN	ZL1BYZ	SM5FUG	K5DHY
	UN6T		SP8HKT	K7ZD
303	WB5JID	297	SV1GYG	N8II
E72U		E73Y	W5LT	R6AF
EA3GHZ	300	JA3RQ	W6XK	W4VIC
G3LZQ	AC0A	JE7JDL	W7AL	W6SR
HB9DDO	DL1TRK	JG0CQK		
HL3IUA	DL4CF	K6ND	294	291
HL4CJG	EA1AF	K8WK	AI9L	4Z4DX
IK2RPE	EI2GLB	KG7H	AJ9C	EA6ET
IK4ADE	HB9CQK	KT1J	EA6NB	G0EHO
JK1EXO	IW0HQE	W2GG	HA5VZ	JJ1TKN
K7ZA	IZ5RVG	W6YI	HA9PP	K4ZO
KB1JZU	JA2ATE	W7ZJ	IT9CVO	KP2A
LA3WAA	JA9AA		JA1XPQ	LA5HE
OE5BWN	K8GG	296	JA5SUD	N2TN
RL3FA	K8TL	AA4R	JE1GWO	N7RO
RW4NN	K8VFX	AA8OY	JH1BAM	PY2KP
SM6CUK	PA3CSR	AD6W	JJ1DWT	VE3CFK
SP2BMX	VU2PTT	CT1DOF	JR1DUP	W7BEM
SP3IBS	W3OA	EV1R	K3FRK	W8TN
SP7HOV	W3RJW	GM0AXY	K7ZV	W9FR
SP7ITB	W6TC	IV3YYK	KD0Q	ZL4TT
SV2AEL	W9AJ	JA1JAT	KZ4V	
W1SKU	WA9PIE	JK1TCV	N0KV	290
WT8C		K0KT	RU6L	AA4A
	299	K3PA	SV3DCX	DS1JFY
302	4X6ZK	K6FW	W3JX	I4KDJ
DJ5JH	DM2DXA	K8VC	YO2CMI	JA1KQX
F5CQ	EW2A	LA8PT		JA1QXC
G3SVD	HB9RG	LU4FPZ	293	JF1NZW
HL2IFR	IK5RUN	N0RB	DL1HRN	JH3GCN
JE8CLT	IZ4MJP	RA3QK	DL1SMA	K1DG
K4MS	JA7LGE	SM6BZV	EA3WD	KD0PO
OH8LXT	K6SIK	SV9COL	G4GIR	LA2QM
PY7DJ	K9SM	UA6YW	IK0HFO	LU3CQ
R5DT	KB8VAO	YO2RR	IW1QN	PP1CZ
RK4FD	N9FN		JA2CXF	RD3AW
W0VX	UA9FAR	295	JA3EOP	S57AT
W4QN	VE3BW	DL1DUO	JH0BQX	SK3PY
W5VY	WA3AFS	EC3A	K4JAF	SV3AQR

UN7LZ	286	OE2GEN	K4WNW	SV1FJP
UN7TW	AB5A	OH4UI	N2JJ	UW2ZM
W1EQ	CT3HF	SM0CCM	OH1JP	W1KSZ
W2LK	DL2VPO	SM6CTQ	PY2DS	W1YRC
WB9EEE	HL3GOB	W2AY	SM0NJO	W2PP
	IK0AGU	W4FQT	SM5CZK	W3BW
289	IK0XBX	W5ODD	UT7UV	W8RLS
DL9TJ	IZ8XQC	W8BBQ	VK3HJ	
HB9RYZ	JA2FGL		W8LGJ	276
JA8EJO	JE3ENP	283	ZS4TX	DK3WW
JA9FPI	JF2WGN	DF2GH		HB9LCW
JA9IFF	JH1BNC	JA1RTX	279	IZ5BAM
JG1WSC	K1LPS	JL1XMN	AA6AA	JA7FWR
JH4GJR	K1RO	K3WW	HK1MW	JA7LMZ
K3UL	K5PS	N6TA	JA2XCR	LA0FA
KK0M	N8SNM	OE8SPW	JA8DNV	LA9VFA
R0FA	UR5WA	W1LW	JE8TGI	N5MOA
RA1QD	VE1JBC	W6BJH	JF2XGF	ND4X
VE3EK	W3GQ	WT4Q	JH7BKN	NK0S
W9YSX	W6PJ		JK1UNZ	OZ1LCG
	W8AXI	282	JO4CFV	RX4HZ
288	W9MJ	K1DT	KF2DT	SM5CLE
CT3MD	WN6W	K5UO	KQ4AV	UN3G
JA2JRG		K8ROX	OH1ZK	W1ZT
LZ2JE	285	PC3T	VE3DZ	W2OIB
N4LR	CU2DX	SM4CTI	W4UCK	W5GO
N5LZ	DL2SWN	UA0BA	WB2BIN	
N6UK	EA3GHQ	W4OX	WO7R	275
ON6AA	EA5KA	W9HBH	WS5W	AB4SF
UA3AGW	HL2WA	WA3C		JE1BMJ
W1YIF	IK8VRH	XE1KK	278	JG1OGM
W2LE	IZ8DFO		9A4T	JI3CJP
W2NO	JA0PE	281	CT1FPQ	K1CA
W3FOX	JA2IYJ	AD5Q	EA8RR	N6PSE
ZS1A	JA2VMU	BA4RF	EI9JF	N7KA
ZS2EZ	JR8AMF	EA5OX	F2NH	ON5UE
	K1USA	F3AT	JA8LRG	PA7RA
287	K6G XO	I1FQH	K2UR	WA0RVK
9M6YBG	K6PJ	IZ8FDH	N4HB	
AA8LL	KJ6P	K0GD	N9ISN	274
AA8R	LA8HGA	N2WB	SM4AZQ	7M4AOE
IV3GOW	N8LJ	N5GH	VE3CRG	EI6FR
JA9NLE	OE1WHC	OZ1IKY	W4MAY	EW1KP
JE2OVG	PE1L	SM5ENX	W8MHW	IW0HOU
K0AZ	W1OPD	W0LS	WF2S	JA8ZO
K5RT	WK7E	W8HC		JH1IAQ
LA3MHA		W8KEN	277	JM1GHT
N3VA	284		EU1KY	K3PT
N8PW	DL6JZ	280	F5PBM	K6UM
R9SA	EI9FBB	CT1EAV	F5UJK	K8DV
SM5ARL	GM3PPE	JA3XNH	IZ4DPV	KA8SYV
W1VT	GM3YOR	JA6TMU	JA8EOT	KA8ZPE
W4YCH	IZ3ENH	JH1HHC	JH3KAI	KS3F
W8AV	JA0DET	JN7DOS	K2AJY	NA5DX
WA6F	JA8CJY	JR6LLN	K8UT	RA5BM
	JG3SKK	JR7FRW	N9RD	SV9AHZ
	JH3SIF	K0TT	ON4CAS	UA3ECJ

W3ACO	N4UOZ	JA2QXP	VE6AX	K7LJ
W7MEM	NN4X	JA7BEW	W5PF	KM1D
273	UA3TT	JA8UIV	W6TMD	LA5SJA
CT1BWU	W1MK	K5VWW	WV4TN	N9UA
DH2PC	XE1MEX	K7XB	263	OM8FR
JA1KPH	270	SM5BMB	DK4TP	SM7CQY
JA2TBS	7K1PTT	W6RS	EA3CJ	W0JM
JA6BEE	AA4FL	266	EA4DL	WA5LFD
JM2RUV	BA4MY	EI8IU	HA7UW	ZS6WB
K4RG	DK8MCT	IK0UTM	JA7XBG	260
KA1ERL	EA1KY	IW7DVM	K1KO	AA9A
KI5BLU	F9XL	JA3BXF	K4KAY	EA8MT
LB2TB	K0BJ	K8AJS	K8FH	EA9IE
N4IG	K7UA	NU1B	K9FN	EC1AIJ
N4JQQ	K9JF	PZ5RA	KN6KI	F6HLC
N4QQ	N6RV	RA4CA	N1RR	FG5FR
OZ1ACB	OE3HWC	SV1HEP	N7BT	JA0KJE
OZ4VW	PU2POP	VE3YF	NA5Q	JA2FBC
RW7M	VE6LB	W0FLS	NF1G	JA3VPA
W4HG	269	W7YAQ	SM7IUN	JA3WLN
W8QZA/QRP	HB9IQB	W8MET	W0GG	JH3FUK
WA0MHJ	IK7FPV	WB2GAI	W2XI	JH4ADK
272	IK8EPC	WB3LHD	WA4LOX	JJ2WOC
AF9H	JA1OVF	265	ZS6NJ	K1ESE
DS5ACV	JA1VLK	4F2KWT	262	K8YSE
I5OYY	JA4VLK	G3WPH	CU3EJ	LY1G
IK5PWN	JA6GPR	JA1VRU	I5REA	N1SV
JF1LMB	JH3FHQ	JA4FM	JA8BAR	N6MZ
JH1OBS	JP1NWZ	JE2RDO	K8AV	NT5V
K1UU	K6EME	JH1ACA	LA6UL	SK7AX
K6IPM	KR0P	JR1WCT	LA9FFA	SP6A
K7EG	NW7E	K0DD	N3RC	TG9NX
K8BL	OM4EX	K2CBI	N8OC	WS9V
K9MBQ	SM5FWW	K2SN	NK4L	WV8DX
KB1EFS	YB1AR	N5KM	NX0I	259
KI4GE	268	N9JV	W5ZG	CT3KN
N2DPF	HB9BUN	SP6JIU	W6NWS	DJ8NT
NV9L	JA1IAZ	VE3SKX	W7LGG	EW1BA
OE5FIN	JA1NWD	W5DM	W7QDM	JA8BNP
PA0ZH	JH4HMG	264	W9PZT	K2UFM
SV1ACK	K2KA	4Z1UF	WA3GFM	NI3P
W2OO	K6BV	EA1KP	WB8ART	PY5CC
W3AP	KD4W	F6DBX	WQ6Q	SV1FKZ
WA1S	N2AJ	HB9DHG	YB2DX	VK4CAG
WL7E	N5JB	IK4AUY	261	W1KDA
271	SM6BGG	IZ0NRG	7K1CPT	W7AH
4X1RU	W2FV	JA7HRM	DK3PZ	258
HL4GAV	W9OO	JF2WXS	EA3EQT	CU3EQ
IK2DZN	WA1YTW	JR4LNG	G3UAS	DK7YY
IZ8EJB	267	K8RRT	IS0AFM	HL3AMO
JH1OCC	DL4DW	N1EN	IZ8IEV	JA9AGN
JM1HJG	HB9MFM	N1GC	JA3FHL	JR3UIC
K3PU	IV3VBM	PA7TWO	JH2PWY	KH2L
LA9GX		SV1CQN	K2FW	SA0AQT

US0YA
W1SSN
W5JAY
W9EWZ
ZL2IFB

257
AF4HX
DJ0UT
DL9FCY
EA1JO
EA7SG
EB3CW
HA5PT
IK2PZC
JA6OXT
JE1PNX
K1SM
N1API
N6HC
PY2MC
RU1AB
SV1VS
W3FI
W8MJ

256
BH4QYX
EC1A
FG8OJ
GU0SUP
IK4HPU
JF2VAX
JH1RGG
K4JJW
K6EID
M0TTB
VK3NX
W6DE
W8JRK
WB7B
WV9L

255
AI6Z
EA5RD
F6ECI
HC1BI
HI8R
HL3DE
IV3TMM
JK1OPL
K1FEV
KR4F
N1RK
N5BO
VR2XMT

VU2CPL
W2/CT1GIF

254
BA7IO
CT1BWW
IZ5YHD
JH1VUO
JH2VVH
JJ1BMB
K0GW
K3SEW
KI1U
LA5YJ
NE8P
UA3O
WB4KTF

253
AC9O
FG4NO
JA6IVR
JA8XQI
JE1HRC
K6MKF
KE1F
KM6HB
N7XR
UA0FO
W6RW
W8GNM
WF4U
YB0COU

252
DL7UPN
F1ICS
G3KWK
G3NKC
JA1BNW
JA4HAW
JF3PNQ
JF6XQJ
JH4CBM
JL1BYZ
JR1VAY
K1EFI
K5FZ
KB9DAK
N6PM
OH7TV
W2GW
W2ZI
W7CA
WA4CEM
WA4JQS
WV6E

251
9A4W
DL2RTL
JA1DDZ
JA1EMQ
JA1SKE
JA5BGA
JE1VTZ
JH1DGJ
K4VIG
K8CW
KG9Z
KJ7TEA
N4SC
N5UL
NV4B
SM5FQQ
W2JLK
W2TB
W3ABT
W4SK
W5GAI
W8OP

250
6K5YIA
EA1RT
HA7TM
HB9EBM
HB9EFK
JH3GFA
JH6PFY
JL1MWI
JR0EQQ
JR5JAQ
K1KA
K9YC
K9ZM
KQ3F
OH2IS
PA0JSE
PY2FN
W7HPW
W7IU
YL2KF

249
AF5CC
HL2CFY
IZ8GGF
JA8FFM
JH1APK
JH8GEU
JJ1QUV
K9NR
KF7F
N0RN

N3KN
NH6T/W4
OZ5NJ
SM4OLL
UN3GX
VE3YV
W0RX
W8IQ
W9RC
WB8K
XE2D
XE2X

248
AK5X
DS5DNO
EA4DEI
G3VPW
HB9DOT
HL2KV
JA1PBV
JE2VLG
JJ1SKG
KF9UG
N4QWZ
N4XP
N6KZ
SV1IW
W8IW

247
AA7G
CT1FUH
K1PL
K3VAT
KH6M
N7DED
NA9RB
OZ7FOC
PY5IP
S51NM
W7IB
W9JJB

246
GW4TSG
HL2EIZ
I0JBL
IV3KFB
JK1WSH
JR7GBL
K3EA
KB6CIO
W1KMA
W3ICM
W5ZO

245
AC9EM
AJ8MH
G3KMQ
HB9JOE
JA3QOS
JJ6DGP
K5IB
KF7PG
N0AH
N2NW
NZ3O
OE3KLU
S55ZZ
YB0NFL

244
EI2HY
G4FKA
IK8UHA
JA1CZI
JI6IHG
JN1NBU
K0KG
K1YR
KK1W
W0QQ
W4REX
W5PJR
W9FI
WA2USA
WA3F
WA8MCD
WC3W

243
DS5TOS
G4XRV
JA2EPW
JS6TWW
K8ME
W1BR
W4PNY
WX2U

242
EI9FVB
JA4ZA
JH1ERJ
JH1WJR
JK1VXE
JR1MLU
K3NQ
K3WWT
K4PB
K7FEL
KJ7M

LU6ETB	N8SHZ	WA1PMA	K8EAB	229
N2NS	WA6JA	WY6N	KK9H	AA3LX
N6HY		YB2TX	N9BX	AE0P
NF4A	238		NE3F	AH0U
PA3BWD	JA0LXP	235	SM0XBI	DL8SDC
RC2A	JF0JYR	EA5B	W2NRA	IK2GAJ
VK3BDX	K9GA	EA7QW	W6YOO	JA2VHO
W8CZN	K9OR	EU1U	WB2KSK	JA7QQQ
	KA4RRU	JA0KJD	WD8PKF	K0HD
241	M0CSD	JE1IBI	WE4S	K3FM
AB5C	N4PJ	K0EOO		K4CMS
E21EIC	N5ZC	K0VSH	232	KD1F
G8AJM	VU2CDP	K4YJ	EW4C	KI4DLS
JA6AVT	VU2DCC	K5CWR	G3XLF	N4NW
JH1UBK	W3MR	K8ZM	HB9DVO	N9JR
JP1IOF	W4KA	N2FF	HL2ZN	NE6I
K1XV	WA4QMQ	N4IQ	JH0OXS	UR5FEO
K7KB	WB0TVY	NA5Z	JH6DUL	W1WC
KV1E	ZL4AS	NJ7G	JR3VMJ	YB1TJ
N4OA		NW4M	K4ST	
N9SF	237	TA1CM	K5FNQ	228
W5DNT	CT1BOY	W2DXE	KB1DMX	7J1ADJ
W5QM	G0VXE	W7YW	N3PS	AA0MZ
WB8CQV	HB9CXZ		N9PGG	F1RAF
	JH1DGQ	234	NY2NY	F5LIW
240	JR0QFA	DF7EE	RQ3A	JA1OVD
G7SSE	K1RV	DK2CC	SV8DOU	JF1RYU
IW3GJF	K2NV	HB9BYQ	W6CYX	JF1WLK
JA1DM*	LB5WB	HS1NGR	W9ZCL	K4KGG
JA2FSM	SM0MPV	IK0LNN		KE0A
JF2OZH	UN9L	JA2OLJ	231	KE4UW
K4QE	W6AER	JE2EBT	AD5WB	RA3QUA
K9JU	W8UN	JH5HDA	DK6OR	VR2CH
KE8UM	WA0ROI	JK1BSM	IK1IYU	
KF0LA	WB8B	JR4LZX	JA1MZL	227
KZ5DX	WB8ZRL	K0VM	JH0AWC	DF8FT
N0ABA	YO3JF	K4JC	K2RU	DL2RUM
N4HID		K4MF	KD6UO	I0MWI
PY2GG	236	K6ZZ	LZ2XF	JA0DWY
SM3LGO	HB9DQV	KE5FXE	N8HRZ	JK1SQI
SP5LKJ	HB9ZS	KX2A	NA4EA	K1GE
UX5UO	IK2DUW	ND4V	SM7NDX	K2TER
W0SZ	JA1HOM	SV8CKM	W4UDH	K5CD
W8WEJ	JA1JYE	W3WST		K5GH
XE1RBV	JA3KNN	W9MO	230	N1NU
	JN1NOP	WA5UA	G3LUW	N6OJ
239	K1ACL		JA5NPV	NA9Q
AG1A	KM3J	233	JH7WQX	W4DEE
DJ9RR	KS4S	AA9GR	JI1VVB	W5RF
IZ1JMN	N4GN	AA9RR	K2SY	W5SL
IZ2FOS	N6IE	AJ4A	KC9K	WA9GON
JA6CBG	OE2BZL	DH0GSU	N4TOL	WC2K
JA7KE	PA0TCA	DS3HWS	W2KA	
JA9NFO	W0HBH	EA5AR	W8FIB	226
JE2UFF	W2YR	JA3NHL	W8WVM	DM2RM
K2XF	W4GIW	JH1SOD	W9YE	I0OSI
K8YYY	W6DR	K8BN	WB2NPY	JH1IED

K2BA	ZS2Y	K1DJ	KK2M	W0KCJ
K2HAT		K1NTR	KU4BP	W4WN
K2SD	223	K1TZQ	N6QI	WB6BFG
KK0DX	AB4UF	K4EU	OZ0J	
KK4OK	AF2C	K4MIJ	W0TM	213
N2KX	EA7DUD	K5MT	YO3IPR	9A1AD
N2SQW	HB9HBZ	K6MM		AG3V
N5ET	I8MTQ	K7AWB	216	DK3UA
N6BM	IK0WRB	K9WX	AC4VM	HB9HIT
N9AOL	IK2RZP	KV4T	CX2CC	IV3FFI
NG7M	IZ8MBW	KZ9DX	DJ3XG	JA0LFV
VE7TK	K0NV	ON4ATW	I1YDT	JA1FVS
W7HR	K6IPV	SM0DSF	IT9AAI	JG1JPE
W9DX	KI6CG	UR4IOR	K7LV	JG3RWX
WB0O	KV4AA		KK4OW	JR1EFG
	KW4V	219	KR4W	KD4SN
225	N4ENE	AA8SW	KX4TT	N6PEQ
DK5RL	NY1V	F5JSD	LB6KC	N8GP
DS4AOW	W8LMG	HB9BNQ	NC4RB	NA2M*
EU1M	WC4H	HL5BMX	PS8ACL	SM7GIB
G3SBP		IK5QPS	W0SR	VK3FM
JA0EVI	222	JA1FJJ	W5VQ	W1LE
JA4CZM	AK5Q	K5JZ	WB3D	
JF1MTV	DJ9SO	KD2T	WS1L	212
JH8NQV	DL5XL	KE6V		G4ZOY
JL3OUW	E77S	KG6I	215	JA1BWA
K0IL	IZ7AUH	KI7AO	9H1EJ	JA3LDH
K0OK	JM1VRW	KR2Q	AA7XT	JJ2KDZ
K1JIU	K2AT	KR6C	DS4GKF	JR2PZX
K3SF	KB5UNX	N1KC	HB9IIO	K3SX
K4JWA	KS4YT	N6DX	I5XFD	N4FN
K5YU	KU8X	W5GA	IZ0BVU	SM5AOG
MU0FAL	RA4P	W6GRV	JR0AMD	VK5GR
N0ODK	VE7BV	WA3I	JT1BV	W5DAW
NA2AA	W5THT	WW8W	KF4NEF	WW2DX
W0FG	W5UQ		KO6KD	WY1G
W5GZ		218	N8NN	YL2TW
W5LO	221	DL2NOM	RN9N	
W5TFW	EA2AAZ	DL4NBE	W0TT	211
W8UV	IZ1JLG	EA2AFV	W1JGS	JE2KSM
W9KVR	J11NJC	G4VMX	W4IS	JJ1JMZ
WE1P	K1NJ	I7PXV	W6SL	JJ1KZZ
YO9FNP	K4CGY	K5ALQ	WA6HBR	JO4JDU
	K4MV	KE3D	ZL2AL	JR1JGA
224	K5DV	N4JT		KT2C
JA8NFV	K5ZQ	SM7WVZ	214	M0HIH
JH1OGT	KU4XO	TZ4AM	3A2MW	N1BY
JO1LVZ	RU0SN	W3BJ	DJ3AS	VR2XLN
K1CBK	W0BM	WA2NPD	F4GVO	W6UC
N3RW	WA0WWW		HB9VAB	W6WF
N7WO	WB0N	217	JA7DPC	
RW4CY		IK0CHU	K0QQ	210
SM7BHH	220	IT9ODQ	K2AZ	AA4LR
SP6AXW	AA6RR	JA2NNF	LU4FW	CU3AN
V51B	DL4LAM	JA7ZP	N9KW	JA7FAS
W7NN	EA5DFV	JG5RVQ	PY2RO	JH6RTO
WN6K	JP1GUW	K1RH	SP7ICE	KD8RQE

N8BK ND3L PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	W4GP W7IV WB8BZK XE1L	IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX	EA5HM F4WDL IV3AVQ JA2MNB K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ WF8R WQ5R XE1H
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ LA6OP N7NF N8BJQ W7IUO WA3WZR WI7P	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTV JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K8YE K9OW K9TF KA1DJ KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	199 AA3TH AC0X AD4AA DL5EBS HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR NC2Y ON6KE PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W3ML W5AAJ W6HYI WB5NHL
208 7N3IJT DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N4SV N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME 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 K3DFL K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3SB
207 9K2BM DG5LAC JA7MAD JE3EDJ K6ZP KE1VT M0IKW N9AKR NW7US OE1JIS	204 JL1GYZ KB5HC KK8MM KM9E N7ELL VU2IBI	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EII

VU2LBW
W4DC
W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
I4UUL
IZ5MOQ
JA0AXV
JA1QIW
JA3PRM
K1JD
KM1C
LZ2ZG
NU4B
PY8WW
SM5ELV
SP5IXS
W8NN
WA9DU
WB6CJT

192

F6FYD
IZ7GIT
K6XN
KJ4UZU
KJ4YLO
N4XYZ
UR3EO
VA2IG
WQ5T
XE1EE
YB1TQL

191

AA4NC
G4XEE
HA5CW
IT9IPQ
JH1FNU
JK1AJX
JP1LRT
K1RI
K8QKY
KF2OG
N4DWK
N7MQ
NK7C
NO0B
OV5O
OZ7DN

VK2HV
W5IP
W8UQ
WB4DNL
WF1H
WI8R

190

AA4U
DJ9KV
EC7B
F4DSE
G3WW
HL4CCM
JA2ITK
JA3AVO
JH8KFE
JI2UDK
K5RKS
K5TN
K7UT
K8ZT/QRP
KD0AA
N3AIU
N6MXU
OT1A
SM0BYD
VA3OKG
W2OR
W9ROG
WA8LRW
WB4GLI

189

AA4UC
I0LYO
IV3KCB
JA1SGU
JG1SWM
K3HW
K6UXO
KY5I
N2MEE
N6NU
RM3DA
RN3CT
SM4BZH
W4AEJ
W5SUM
W6DPD
YB4CHP

188

EA7AN
JA0GCI
JH7NTW
JS6SCC

K2AX
K2DC
N2ZZ
OZ9XU
PY2RN
W0PE
WV4V
YO2DFA

187

4X6KJ
AF6PK
IK8GJR
KM4NS
N6VNI
UN7BY
W2CG
W5ZE
XE1YD

186

K1BZ
K5EWS
K5QX
K6EGF
KC6X
N5QS
W8RV
WA5IPS
WZ4RC

185

JK7LXU
K0KP
K3PP
K9AQ
KE5BR
KQ4EE
OZ3SM
UN7BK
VA7ZT
W0QC
W2WG
W6RKC
WV2I

184

AD6ZJ
EA5RU
IK0HBN
JA7FVA
K3JM
N5FEE
NW7M
SM2EJE
UT7KF
W6BK

WB2HJV
WB3BFC
WB5STU
WX0Z
YB1RUS

183

IU0ICA
JA2KSP
JA3UNA
JE4CIL
K6LRN
LA7EIA
NA2U
YB2TS

182

AE4M
I5FLN
I8LWL
IU8IYE
JA6SQR
JI1CQA
JK1DDG
K5DCW
K7LAZ
KG4JSZ
KL0S
KS0JD
LA5LT
N4MIK
N8NA
N8NB
NZ5O
VU3CAU
W6SFK
W7WZ

181

EI3CTB
IZ4AIB
JA1SZN
KY6R
N1HO
N6VS
N8AYY
NM1G
NV4A
UA9AEU
W6TK

180

A61BK
AA4AK
AD0K
DK1NAL
EA2AGV

JH1IZR
K8SL
N7VPN
NA5S
VR2XYL
W0MS
W4DSM
WA6EZV

179

DL5MHQ
IK1ZNM
JA1BON
JA3EEM
JH1XFR
JK1JAS
JR3ADB
K4WZ
KB7AK
KE5TD
KJ6NZ
KZ2R
N3KV
SP5ELW
TF3JB
W0UC
W0ZS
W1HS
W4CCS
W4TUN
W5JMW
W8QXR
WC0W

178

AA8KY
EA8AXT
G4DDL
GM4KHE
IW0BYL
JA1ERB
K1ZE
K3VAR
KL7TS
KU1T
N4ST
N6DHZ
OZ1HPS
W7HUY
WB6AXD

177

4X6UU
IW8CGX
IZ2EWR
JE4RAL
JF1LZQ

JG3KLF
K0KV
K2JL
K2MK
K3OX
KF4VTT
SM5CBM
SP9IZV
VK2AAH
W0IKD
W0JW
W1AO
W4KVS
WD8KND

176

DL6NW
F4FLF
G4AYU
JH8FIH
JR1FHP
KK7YC
KT8D
KW9U
LA4JGA
N1JP
VE1VOX
W4LEW
W9WO
WA3GNW
WD4IXD

175

AG5CN
EA6UE
IW1PUR
IZ0CKJ
JE3PCP
K1ROA
K4WY
KD4POJ
KF6HI
KN7D
N7NG
NS3L
TF3VS
UA1OM
UA9AGX

174

AG4Q
DL5KUA
HB9HVG
JE4KCN
JL6USD
JR3TOE
K1XE

K5CR
K7STO
K9HQM
K9UQN
N7NW
NG9J
W5WI
WA4BIM
WA4NUF
WB8QZM

173

AB6CF
AI9U
DM6MA
HB9DVZ
K6UNE
K8JE
KI6MQX
LA9VBA
N7HN
N9ATF
N9DR
N9IO
NC7B
NX2X
SM0EUI
W2PD
W4DTA
W7VAS
WA7BNG
WY7FD

172

EI1DG
K5TA
KM4HQE
LZ1XL
N3AO
N5PA
N7GCO
SP5ES
W1ASB
W2NY
W6FL
YB4IR

171

AA5N
AD3C
CT2GZE
DL5MM
F9CI
JJ1BDX
JS6QOM
K2TV
K4NTO

KB0V
KC5LK
KP4DKE
KW4J
N8WRL
NA6O
ON6MX
VU2MSA
W0MU
WA4DOU
WA5KBH

170

DL2JIM
EA3HDZ
EI5KO
EI6AL
JA1GVT
JG1GJH
JG1RYQ
JK1BIB
JQ1PCX
JQ1YIW
K6JJ
K7CU
LA2GH
LB7ZG
N3WD
N4VN
N6EM
N8VV
NJ6W
NX4TT
OH3PYY
VE1OP
VE2YG
W0OGH
WA4USA
YO4AUL

169

AC0DQ
DM3CW
JA1KXT
JE1PHH
K0PX
K8ZZU
K9OT
KI2D
N4MI
N5MT
N6MB
RD3BD
SV1IZY
WA6QGH
WB8EKG

168

A92IO
AB4GE
EW1P
JA0PZJ
JH1ORA
JH3EQP
K0PC
K0RAR
KF0RQ
LU8ADX
LX1CW
OE1ALW
R4FAN
SV1XV
VR2MY
WA9IVH

167

JA8BOV
JE3FOR
KA5JSM
KB8NTY
KD3HN
KE3X
KH6XT
N1ZJ
N4PL
N8JS
N8OQ
PT2ADM
PY2SEX
WA0SXV
WA5NFC

166

AL7R
DL1SVA
GM7NZI
HL4XM
JA1PVX
JG3KMT
JN4FNZ
JR6GHN
K0FLY
K7CTV
KN4FO
KR4BD
SP7QHR
SV2CLJ
VA7DX
W4PGC
W8SAX
WA1ZIC
WA5NOM
WB3JFS
YO3AIS

ZL3RJ
ZS6IR

165

AG6HE
CU3HN
EI5JL
HK3PJ
HL1VAU
IK0XIH
JE4WOK
JF1KML
JR1KBJ
JR6LDE
K3VPZ
KG4CUY
KG5NP
LA2XPA
N1QY
N2RJ
N3KS
PT2ND
RA0BA
RL3BZ
VK3TC
W2FS
WB2WPM
WB9PNU
WC4X

164

AC4BT
CT3DL
DL7JRD
EI6IZ
IZ0GVZ
K6CF
K6GFJ
KA1API
KB7QFE
KD8MQY
N2XQM
N7WI
NA2P
PT7DX
S50B
W6SIY
W9CSX

163

4O3A
AA4OC
AD5MD
AI4QQ
DS4NPL
EA1AZ
F4CPF

HA5BSW	W6DOE	IK3DVY	155	LA2IR
IK2ULM	W9GG	IW0ECV	5P5Q	M0MCV
JA0MRW		JJ1KXB	DK3QM	N0VVV
JA4GXS	160	K4HQB	F6KOP	OH3FVP
K0ABC	E70T	K8GWU	G0THF	SP5NON
K0CF	EA1WH	KB2XJ	IV3TDM	W3DIY
K4GN	JA1ITJ	KC3AK	IZ0FUW	W8OM
K4OY	JA1UOA	KF7NN	JA0EBV	W8VK
KE1B	JF3VEC	KJ7NO	JA6SUY	WB4SON
KO4PRE	JG2LGM	N0SL	K2DF	
KW4MM	JK1EBA	N4XMX	K4EZY	152
LA1CO	JK1NPH	N6MM*	K4WM	AC6BW
N0AMI	JM1JZN	N8TFD	KM2O	AK9B
N4KM	JR1CAD	W0JMP	M0IFT	BX5AA
N7KDT	K7LY	W8LIG	NH6L	DF2WF
N9LEO	N0IW	WB2RAJ	NO9E	DU1KT
R3IS	N4MEC	WB9ZNZ	NU1T	G4AFJ
SM7CZL	N5WA	WT2P	OE1HHB	IK5BSC
VA2LC	N8IL		UT7EC	K2EK
W1OK	NI5F	157	W5SV	K4RDU
W1XV	W1TO	AB2E	YB1AYO	KD2OV
W4PGM	W9FF	E20YLM		KE9S
W8MIL	YO8CRU	EI2JD	154	N8IK
WB9B	ZS6RJ	JA0NZR	AC8TO	N9GKE
XE2YWH		JA1UBZ	AJ8B	ON4LG
YO3DDZ	159	JA3MHA	DS5WQT	R9JX
	AA3AZ	JE3OUW	HB9ARK	W6RFF
162	CT1ESO	JG1XBM	JA0GZZ	W7JET
4F1OZ	DD0VE	KN7Y	JA1IHD	YV4DYJ
AB1J	DK8IZ	N4QM	JA4HXF	
BH4IGO	EA1P	N6VH	JA8ANQ	151
DJ7JC	IK0WMJ	N7JB	JE6PJP	DF1IR
DS3EXX	JA0ED	N9AZZ	JH1AQN	DL4KUG
HS8KAY	JA4FKO	N9MB	JR3QHJ	J68HZ
JR4CZM	JG1WNO	NJ6K	K5DXR	JA2BUR
K0SRL	JH1BHW	NZ3M	KC1ERO	JE1COB
KC4HN	K0IO	PY1NS	KL7NW	J13BFC
N4BAF	K1EDG	W3HKK	NE5W	K1IG
NP3CW	K4SAF		W4CIR	K1QN
W4NBS	K8EB	156	W5TMC	K3GW
W8FN	K9QJ	EA3HPX	W8TM	K4DET
	LA8ZAA	G4FTC	WA9MAG	K7LAY
161	N1MD	GM3WIL	WN7J	K9AAA
HB9GWJ	N4GBK	HB9HHH		KE4BKL
HB9MXY	N4VG	JA1CCG	153	KE8G
HL3ERJ	NE5S	JA2ODB	HB9BEM	KK4CLY
JP7FSO	NF7D	JA9RT	JA3UOQ	N7MB
K2OP	OH3DP	JH2AJY	JH2NWP	NU4I
K4AR	VA3NXM	JL3DGI	JR7MAZ	SM0NUE
KM4A	W1EBM	JM1LPN	K0YL	VA3EJN
N7QT	WD5BJT	K2HT	K3GO	VA3HP
N7VZ	XE1MW	KA9OKH	K8ROK	W3HER
NA6XX		N5QZ	K9MMS	W5WLA
OK2ZDL	158	N7RD	K9UWY	W6WA
SM3PHM	9J2BS	NK7Z	K9YZ	WA9JWL
W5BK	G4SGX	W1MR	KF9LI	WC2C
W5RDW	IK1UGX		KK4XL	

150	F5NNN	145	W4JVN	N7TW
DK3BK	IW5EIJ	5T5PA	W4UFO	NR0Q
DK3FB	JF2AIJ	AA5TL	W7VS	NS0D
DL9SAD	JR3PKO	AC7JM	WY0V	VE3NJC
EI5GM	K5LY	AL7TC		W5VU
IT9ABN	KA3GWD	DL1MEV	142	W9BS
IW7EDZ	KB8ZUN	EA4S	AA4DD	WB1ASL
IZ2MHT	LZ1MDU	EA7LS	JA1PUK	WW6G
JA7GZM	PY2CP	F1OBJ	J11UHZ	YB3MM
JR7XOD	VE6TL	JH1CTV	K2CJ	
K5HK	W4AFB	JJ1OKK	K3GT	139
K8WHA	W4AG	K5FXB	K9UO	F5VML
K9RT	W8VI	K9GWH	KA6BIM	F6FHZ
KI7M	W9GM	KQ5M	KV7N	HB9DTE
KX5U	W9MAK	KS0M	LA1J	HL4CBX
N0TK		N6KK	W8WV	K0QB
N6JOJ	147	NS4X		K2IRM
NM4SH	AB9KZ	W3DQS	141	K2WJ
ON6ZV	EI7GY	W7NP	7K3QPL	K9TRV
SM0BSO	G3VQO	WR7Q	9H1AE	KX4I
VU2NXM	I4JEE		EA1T	N0CKC
W3KB	IS0/YO3RA	144	EI3ISB	N2SG
W4IDX	JJ0LZQ	AD0TR	HB9EXQ	N5RN
W4NE	JK1OTP	DL6DCD	IZ3XEF	N7UJJ
WL7OU	K3GGN	GM0VIT	K2JK	PY2OP
ZS1C	K5UZ	K1TKL	K4RM	R9MJ
	K8MRT	K7QBO	K5VG	TA1PB
149	KB1HY	K8OS	K8RCT	ZL3TE
7N2JZT	KB9LIE	N5UE	K9AAN	
DS4DRE	SV8RX	RN0C	KA5SYP	138
ER0FEO	VE3FAC	TF5B	KA5VFU	AC5AA
JA0JPD	W3NRJ	UY2UZ	KE7BMG	DL5KUT
K2KIB		W0AIH*	KO4DKI	DL5ZB
K2RET	146	WB9W	N5JED	G0FWX
K4TXJ	AE5B	WX3P	NZ6N	JA0CVC
K9EXY	DM5JBN		SV2JU	JA1VRY
KD4EE	EA4D	143	W1ITU	K2YSY
KM2E	HP3TA	AA4MM	W1NA	K6CW
KP4DS	JA3KWZ	AF3X	W3IZ	K9BO
N0STL	K6NR	EI7JZ	W5GOL	KC9G
NE0U	K8ARY	FM5DN	W6HDG	KF6A
NU4Y	K8POM	HB9AAA	WK9U	KU9S
NZ0O	KB9AIT	JA1MOD		N0LD
RT0F	KM8AM	JF2RSF	140	N3PV
TF3Y	N6FS	K2OO	AD9DX	N9BVA
UA9MC	N6RK	K6LPO	EI6JK	OD5YA
W1DAR	N9MR*	K9BQL	K0UBR	OE6BME
W4DWS	NJ1Q	KE4FW	K3HPA	PV8ABC
W4MA	SM3DXC	KG6D	K4AU	V31CQ
WA1EHK	TF4M	KJ2U	K5GZR	VE3MSC
WF7T	WA2MUA	KJ4R	K6EV	W0UHL
	WA3SKQ	KN7K	K6GCN	W4EJG
148	WW8RT	LB2TG	K7VC	WA1LAD
4F3BZ	XE2B	N2YBB	K7YMG	WA5POK
A71AM	YB1BML	N4UP	LA8PDA	
AE0MO	ZS6UT	N7ZA	LZ2HM	137
AI6P		TG9AJR	N2TC	DL2RD

G3PSM	S53MJ	OH7HM	130	KG2U
HL1MKT	W5IO	VU2ABS	AA4QE	LU6XQB
JH1SBE	W7QHE	W1GY	DL1SWN	N0JR
K2CDJ	WA7HR	W3MF	IZ0FYW	N5EI
K2RKJ	WB1DX	W6OUL	JA2LMY	R3BB
K6IRA	WB3AVD	W9SE	JH3PRR	TF3MH
KP4N	WB6FWS	WA6MRK	JL4BSE	UR9IDX
N9NFT	WB9IWN	WB1S	K2MHE	W0QD
NI4Y	WO5I	YO3GJC	KI0HA	W5MF
OE3JAG			KN4JX	W6IS
PY3OG	134	132	N2YF	W8BI
SM5CSS	AB0RX	AA4FU	N7TM	W9EBO
SP3EPG	DL4ZAB	AK3E	NS4F	W9TO
TA1AL	EA6AZ	AK6I	OZ6TL	WA4UWD
W2GGY	IZ8DEO	I8NLC	PU4MMZ	WC4V
W4UEF	JA5SEY	IK8OZV	W1MO	WP4CQ
W9MR	JA6GXP	IZ0COI	W2FDM	WQ1H
WA0WOF	JR0GXA	JA9KRO	W9CTJ	ZS6AKU
WA5YOM	JR1HYA	K4BNF	WB8RFB	
WG0G	K3KY	K5SES	YO8PS	127
WS1F	K7FL	KD3UY		7Z1HL
YB2IQ	K7RAN	KG8OU	129	AG4TO
	K7YZO	KI7HO	AD6KQ	DJ5DT
136	K9JDP	KK5ID	AE7U	DL9GTB
AC9GK	K9SUH	M3DFW	DS4EJA	EA4TX
G0OSK	KA9JCP	N3TR	JA0AVS	G8BCG
IS0EBO	KD2SC	N4EDT	JA1PLT	HB9TJG
KB8KIM	KF5WCP	N4QOG	JA2ACI	HK6K
NT5EE	KN4OK	NN3V	JA3WMS	I2YPY
NT9F	LB5GI	ON6YH	JH1RFM	JA0BES
ON5GF	N1AH	SM7DXQ	JN1SUT	JE2VYM
ON5RKN	N6XT	UW7UA	K7ORK	JG1LRE
VE3FRR	NC6RJ	VU3WEW	KB4KBS	JG5DHX
W0ANZ	PA0QRB	W3KHZ	KN4WOJ	JH1HRJ
W4GH	SM3WMU	W4MC	N9AVC	JI1MNT
W4PV	SP2LLP	W5FL	SM2YIP	JJ2VLY
W7KKC	W2KNG	WA1HXX	VK5CE	JR1LZK
W7SX	W4UAT	WA1KXV	W4BH	K2GW
WX2K	XE2AD	ZS1EL	W7TG	K7LFY
			WU7X	KF3N
135	133	131	XE1ILI	KS8W
AA5H	7J1ABD	JF2OHQ		LA2LI
AB4FH	DL8OH	JH1IYY	128	N0AB
DL6WM	G4NBS	JK8VMB	A71XX	N0DL
GM5YTT	GM1BSG	JM1CMA	EA1AHA	N1BZ
HZ1GW	HB0WR	K0ARM	EA3NG	N3GTG
JA1DCK	HK4EB	K7GA	EI3IO	NA1RL
JA3MIO	JA5IBP	KA5IAU	F4GTB	ON5EQ
JA7MWC	JM1JIV	KB3IFH	HL2DBP	VE3EDY
JJ1HLL	K6ME	KD2NF	JA6NQT	VU2TMP
JL2ULM	KC2STA	N0AKC	JH1AWJ	W0MF
K3WGR	KG6WIK	NG4DX	JH4GXE	W3KN
K4OP	KI4TZ	NN6K	K6OJ	WA2BOT
KC3RKW	KR4DA	VE3NKS	K7PTC	WB2KSP
KC9WPS	LA9KY	W5EC	K9YKL	WB9TFH
N5JEY	N1BKB		KC2WUF	WC2L
NX8Y	OH4KRN		KD5R	

126	DJ3EJ	W2WGK	PP2FN	HL2MHU
CU7AJ	EC4KW	W4UT	TA1L	JA6JYM
DS3EXT	EI8IQ	WB8TGY	UA0FDX	K7LOL
EI4HH	G4RGK	YB9WZJ	UR5FLN	LU9DO
IK4TVP	IT9YOZ	ZS6NK	W3/NH7C	N6DW
IU8GNY	IZ1UKF	122	W3JXP	N8LCU
JA5CDL	IZ5BYJ	AA0BH	W4CC	ON8PHD
JA5XPD	JA3AOP	AA5B	W4KCM	SV1BYI
K2GLS	JI1DMH	AB5YI	W7PC	SV2KF
K5KDX	K3SUI	DB4RG	W9MB	VK7AP
K5WRE	K6VVK	G0HSA	WA7HQD	W1ZK
K7PO	K7HC	HC1HN	WB7BBQ	W3MRL
K8GT	KB8DID	IU4BJC	WQ8T	W6ZPL
K9QA	KC2NJ	JA9ALR	WT3Q	W8EOG
KC5RR	KC4AA	K0HQW	WU9D	ZL2AO
KK4CB	KD9ZR	K1AJ	120	118
KM4CQG	KE8NOA	K3DQB	AA2T	6K5AQY
KS4WA	KK4TKJ	K4VAC	AC4TO	AE1T
N1GNB	KV8P	K9KJ	AE5LK	AJ6X
N5HC	N0YO	KB4ET	AI2S	DJ9KM
N8YQX	N4LSJ	KN9N	CT7ABD	IZ0RPS
N9XG	N5VBK	N1ZZ	CU2CE	IZ1JIZ
VE3TMG	NT4K	N4GRC	DS3DNT	JA2KPW
VK2DAG	W0DD	N9ATD	DS5QLJ	JA6CMQ
VR2VGM	W6ELI	UT9LC	F5AQB	K9KJS
W7FI	W6ND	W1ES	IK8IPL	KA9JAC
W9COS	W8PAT	W1HEO	IT9JPS	KB3KJ
XE3E	WW5L	W1KKG	JA1DCO	KD9BIE
125	ZL3REX	W5HNK	JH5OTE	KG5VK
AC4XO	123	W6HB	JJ1XVA	KM6WXB
AF8C	AB4BJ	WF5I	K3QB	KX6C
EI8GS	AB9BH	XE2MX	K5TU	KY6AA
G4EHT	AE5FM	121	K9CHP	LZ1XZ
IK8PGE	AI5EG	5H8HZ	KJ6Y	N3HYB
IZ8EYN	DJ6OZ	AK0A	KM5VI	N8KUS
JP1GVC	DS4DBF	DL7UGO	LU3XX	NA9L
K0MD	G6NHU	DS4OMS	N0TR	VR2CC
K5NOF	IK0XKP	HA2EQD	N1TQP	W4VG
K9ARZ	IZ8LMA	IK6BMU	N2SO	WA7ZXD
KD0KZE	JA1GLE	JA1CPN	N3DV	WA8RCK
KK5J	JA2HOL	JA1EYN	N3GS	WB5TOI
KK7BR	JH1RVQ	JA1WTO	N4UFP	ZS2I
NA7RH	JL3RNZ	JE2DOD	NJ8G	117
NN6CH	K2JGL	JI5WDC	NR2D	AD7L
SM5AFU	KC2THY	K1LTJ	VE3QAA	CE3FZ
W0XE	KG4OJT	K3CWF	VR2ZXP	F8EZE
W3ATV	LA2XNA	K9MQ	VU3RGB	HB9MZI
W4AO	LX2SM	KK4ODQ	W1RG	IS0BZR
W5CWQ	N1GFV	KU2A	W5RYA	IZ7QFN
W6PG	N6DVR	N3ER	W6GJB	JA8WGX
WA4TMJ	N9RE	N5ZY	WT5L	JA9KA
WM4AA	OH3TY	NA2R	YB0AZ	JM3GXU
WR2G	PY2ADR	NA4MM	119	K0FF
124	SV7CUD	NY4G	DL2VWR	K4AEH
7L3SQL	VE3VHH	OZ6EI	F5BAR	K9LCR
	W2ARP			

KA4AHU	KB4CRT	JF1AZQ	WJ1B	N1TQ
KB2S	KB7V	JG0HEW	WN1M	N3YZ
KB5CSQ	KG4URP	JH1GNU	ZL3PAH	PV8AJ
KO4PY	MM1PTT	K1JKR		TF8GX
KP4ED	N7PIB	K2KNB	111	W1ZZ
KZ1X	NE1RD	K4JDJ	AD7XG	W5JE
M0NGN	NG0G	K4JLD	AJ6V	W6TCP
N8AGU	NW6V	K4TR	AK4N	W7YED
VE7NY	OE5MPL	K7BWC	EI9CN	W8TE
W3LWH	SP5BMU	K7MO	F8DZY	W9GFB
W4ARK	W3UNX	K9DUR	G4ZWY	W9JJ
W4PG	W4OV	KA5OWI	HB9ECS	YB1SKR
WB9WHQ	W5WS	KB1OIQ	JA4DLF	YO5QAW
YO6HOY	WB4MM	KB2TGU	JA5EEU	ZS5LEE
	WJ5K	KC0V	JE1TNL	
	WS4H	LU3JVO	K2KYH	109
116		S52R	K5NV*	AA4RX
6K2ILX		SV2DSJ	K8ZEE	AC8AZ
AA0FT	114	VA3AYA	K9JIG	AF3K
EA5GXI	G3CWW	VK7ZE	KI2Y	DL9QJ
EI4BZ	HC1HC	W1FC	N4NYY	F5DBT
G8GHD	I0BJV	W3JM	NT5O	F8DHE
IZ2CSX	JA1CCH	W6BBS	PT7CB	G0MMI
JT1CO	JA1CPU	W7CD	TA1UT	JA1QEY
JT1DN	JA8EIA	WB2UFF	TA2RC	JA5GOJ
K1EO	JG4OOU	WB9YJE	TA7AZC	JA9IWR
K4GHS	JM3XZC		VA6SZ	JH4GNE
K4LCP	JR4DHK	112	W7WT	J11IZS
K8JRK	K1RE	3C3CA	W8PE	K0FD
K8MN	K3PL	7Z1CQ	WB8PKK	K4AEN
KC1RET	KB1W	DL5FAC	WU4B	K6JAD
KD5RBU	KI8AE	G0DTX	XE1ZTW	KB3Z
KQ5S	N3DD	G3YFE		KB7DT
N0ATQ	NA1DX	GM0SCA	110	M0AQM
N0UCR	NG8T	IK4EWN	AC0B	N4LS
N2ZL	NK5K	IS0BQE	AG5Z	N4WD
N4KEB	W0QKL	JA4RED	CT7ANG	N6RVI
OE6CLD	W2ZK	JF3AHI	DK4MX	NN8L
RW6MBC	W8LR	JH0LME	EA1BLA	NW6R
SM1NJC	WD0AJG	K0XM	EI9HX	NX1P
VR2IL	WN0L	K4HEB	G4VWI	PF7M
VY2RU	WT9U	K4ZMV	G6MXL	PV8DX
W0LGQ	YB2BNN	K4ZRJ	HB9BEP	SP7ASZ
W1HQ	ZS4JAN	K8CJY	HG6IA	T88UW
W7WES		K9KDS	IZ1EPM	VU3WUA
W9LU	113	KH6P	JF3KOA	W3GP
WA4VJK	AB1NS	N0OK	JH1FRW	W4JDS
WW5RC	DL2DCX	N8AID	JR2PAU	W5SG
	EA5DPL	NQ4A	K3MSB	W7CB
115	EI2FG	NZ7Q	K4KAL	W7VP
AA9WO	F5EOT	S51DV	K4RP	WA6URY
AF7WM	F8GB	W1USN	K6DJ	
E74A	G0UII	W3WN	K6SLO	108
HL4RBR	G4NAQ	W4LLP	K9TVG	7M4CLF
IW2FLB	G4YCS	W5GCX	KF8PD	AC8MR
JA0NPQ	HB9GZE	WD8LTM	KN6HIP	AC9DX
JH8LEY	JA2CPD	WF4W	KV3W	DB9CR
K8CR	JA4CSJ			

DL1TPY	KA4LBD	N7MW	WB8LEM	WF8Z
DL2AMD	KB0EL	N8OYY	WD4OHD	WX0B
DL2NAI	KF2G	N9ZJ	WK3A	YB1BUL
DM5TI	KF6XA	NG4C	WZ9B	YO6HSU
DU1IVT	KI0KN	NI7F	YU1LD	ZS6HON
E70X	KJ4FZ	NS7K	YV4EH	
EA5XV	KR4U	PT2DF	ZS1IS	103
G5CL	LU5OM	PY2OC		AF8P
IK1RKN	N0MHL	UA0ABB	104	DS5JMG
JA2DCN	N1UZ	VE3BHZ	7N4OBV	EA2RY
JA2KGQ	NC7M	VE3XK	AA2WC	EI9GLB
JH1OVY	NI8Z	VU2MB	AA6XV	FM4LV
JR4NUN	OV2B	W0TLX	AB5GU	HB0RER
K1FUG	PP5VA	W4/KL7GLL	CT3DZ	JA7HYE
K3XO	RM6LW	W6KF	DD8BA	JF1KIG
K8LBT	SV3EXP	W7GB	EA4EJP	JI1FXS
KC8YG	TA1CQ	WA3IIA	EI3HA	JP1KHY
KE3ZT	UX5XK	WA8Y	EI4GNB	K0OOK
KE7AUB	V31MD	WV4E	F6ARS	K1FBI
KI4SFT	VA2GA	ZL3RIK	G0DRM	K2RNY
KJ2AM	W5HY		GW0ANA	K3PIN
KJ4SKO	W8JA	105	HA5DI	K3TXW
KO4XI	WB2BXO	AA2F	HB9BMY	K4NI
KW1X	WB2MKX	AI1W	JA1CC	K4PWS
LU2AH	WM4W	AP2IA	JA1DHY	K4SAW
N2IFA	WS7I	DL9GTK	JA1RBY	K6XJ
N3TTT	WU1U	E29TGW	JH1MYJ	K7HV
N5FPW	ZP6CW	EI6GF	JI4HKA	K9WMS
N5TW		FM5FJ	JQ2MPJ	KA7CVJ
N7TP	106	G3LOJ	K0BRO	KP4DDY
TF1A	AB6WQ	GM1TBW	K1TWF	KQ6K
VE7VV	AC7DX	HL4GHT	K2CQW	M0UPL
W4DVG	AC8IL	JA1JYS	K4WW	N1MIE
W6CN	DS2GOO	JE6UWU	K5JUC	N8URE
W7SMW	DS5MNO	JJ2BLV	K7UW	NB3R
WB5ZAM	EA3AGY	JK1AIA	K8WVA	NI5G
WC4B	EW4DX	JK1AKA	KE4YOG	RX3BP
	F5VIF	K0MB	KE9V	VE7XT
107	F6JSZ	K1ETA	N1FOJ	W0PPA
AB7RW	G0OJG	K5WE	N3PW	W2SUB
BG8PA	G0RPM	K7CMZ	N4PAJ	W4CU
DJ5FZ	G3LPS	K8FB	N4ZR	W7KHZ
DK2GP	HI7SB	KJ8N	N8TEM	W7UV
E73D	IZ4IRO	KK4MA	N8WXQ	W8EH
EA2BFM	JA3FRI	KZ4EX	NA8W	WA8KNE
EI5GSB	JF7NNI	LA9JKA	OM6CI	WC9C
G4FVZ	JJ1IRS	LZ1JZ	OZ9U	YB1ALL
IC8XIL	K6VWE	N2YU	PY2YW	ZL1IM
IW1PVT	KA1CTL	N9APK	R6TY	
JA3MAT	KA9TOX	N9IXD	RV4LC	102
JE1CTA	KD2RUY	NC1M	VE3ZN	4X1VF
K0FJ	KI4NSP	NK7L	VK3MB	5W1SA
K2FJ	KM8V	OH6IH	W0VU	AC0XY
K2ZD	KT5V	PV8RR	W5PD	DB2WD
K4LQ	M0PCB	VU2DED	W9GXR	DL4FDM
K6DLB	N4DJT	W1MRH	WB4HMA	IC8SQS
K7UWR	N6UOZ	W1PY	WB7QXU	IZ7QSS

JH1IHG	JA1KZP	AC0DH	KA2F	W9KM
K1MDA	JA5ALE	AD4J	KA4H	W9ZT
K2DH	JA5JUG	AE0SQ	KB4DSL	WA2ALY
K2DW	JK3NSD	AE4VJ	KB6IGK	WA2VJL
K4HR	K0GEO	AF9W	KC5N	WA3UTC
K6BLG	K3AXB	AK1P	KD1DT	WA3YZD
K6JAV	K3LA	AK4AO	KE1IU	WA6VZN
KA8HDE	K5HX	DB6VH	KF5MDZ	WB0RXQ
KB1AWM	K8PGJ	DC1TK	KF5TL	WB2AA
KG5POL	K9GL	DK1MCS	KF9EX	WB2ZEX
KO3F	KB5YN	DK7GH	KG4IYS	WB6RAB
N2CJN	KC3OPI	DL3ANK	KI0G	WB6RJH
N2FY	KC4ZA	DL5JH	KI3O	WD1M
N4IR	KE9UA	DS4GQR	KI4PG	WD4GZW
N8KOJ	KJ5RC	EA5PS	KK6MF	WI0E
NA4D	KU4A	EI2HZB	KL2R	WK7W
NN5O	LA3ANA	EI4DQ	KL7XO	WM4D
R9GM	M0PTZ	EI4GJB	KR4Q	WM9Q
S51MA	M5LRO	EW4A	LA4EI	WU1T
SM0XG	N3CAL	F5JWH	M1EMC	YB6LAY
US8ZAL	N4PF	G0GFC	N0JX	YE1AR
VK2GR	N8ERL	G8GFF	N0KM	ZS6CR
W1GF	NC8I	GW0KRL	N0VTZ	
W4GHW	NJ2X	HB9HFM	N1KI	
W7FS	NZ1I	IK7NXU	N3NVA	
W7HJ	OZ5JQ	JA7PKV	N4GOA	
W7IMU	PA3AIN	JE7KCI	N5CR	
W9GWP	R2ARR	JG3LDD	N5LJL	
WB4PWZ	RZ6MJ	JG5VFK	N5LKE	
WB7QBS	SV2BXA	JI1LLD	N7WFK	
WD6T	SV4FFL	JN1RFY	N7WR	
WD9IOK	TG9AKH	JR4VEV	N8HM	
WN9A	UA4PK	K0FTC	N8XS	
XE1SAX	VK4BUI	K0JDD	N9MKC	
YB0EIN	VU2OT	K1HC	ND0B	
YB9AY	W0ZX	K1JX	NE3K	
YO6BHN	W2FDJ	K1PTF	NX6D	
ZS2ACP	W2GHD	K1XO	OM2AGN	
	W2GM	K2UF	OR4K	
101	W3RMS	K2UT	OZ1GCT	
AA9D	W3SW	K3NO	OZ9GA	
AB2NI	W4PM	K3RRR	PY5VC	
AB4EJ	W6OU	K3WSU	R2AB	
AB8YZ	WB5KSD	K4GM	UR8IDX	
C31MF	WM5H	K4KYN	VA2EU	
DD9WG	WU6K	K4KZM	VE1JF	
DL3XAC	WX7B	K4QS	VE3KKB	
EA4OR	XE1AO	K4RSA	VR2PX	
EA4UV	YB8HZ	K4TMG	VU2OY	
EA8TZ	YO2OXD	K5KEW	W0RMS	
G3VDB		K5LLA	W1MJC	
G4GEE	100	K5MMH	W2MW	
G4PUQ	2E0XAR	K5PSN	W4CG	
G8GNI	9M8DEN	K5VSD	W4DFU	
HB9PUE	A41ZZ	K5YE	W4YR	
IK2HLM	A71EM	K7VL	W5YKU	
IU2LFP	AA7UN	K9EA	W6OZI	