

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 07 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	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 AA1QD 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 G0JHC JA1WPX 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			
	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD	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

LZ2DF	328	325	JF1KKV	OE8RT
PY5HOT	AA5AU	EU7A	K6FG	SM6DHU
SP3E	DL7MAE	HB9DHK	KF0QR	SP7VC
VE3FF	IZ5EKV	I5NPH	LA7HJA	SV1FJA
W5OZI	JA1SJV	IZ0AEG	N5TY*	UT7UJ
W8UVZ	JH2FXK	JA2FJP	N8RR	W4FC
YO5BRZ	JJ2KXK	JA5WIZ	NY0V	W8GC
YU1FW	K4QL	JF1PUW	OH2BLD	
	RU3FM	JF7XKY	SM6DHF	320
330	SL0ZG	JH8RZJ	UA3AB	AA8CH
AA1ON	SP9DWT	JL1RUC	UT9FJ	CT4NH
DJ2YA	W1ECT	JR3GWZ	W7AO	DM5EE
DL1AMQ	W2IRT	JS2LHI		G0BLB
EA7TV	W5FKX	K9EU	322	I2EOW
EI7BA		K9IR	CT1BH	JA3PIS
HB9AMO	327	OE2LCM	EA2IA	JO7WXN
I4MKN	AB4IQ	R5AJ	F5PAC	K1LD
IK4BHO	CT1APE	SM4EMO	IK4GME	K4EM
IK6DLK	CT1IUA	SM6CCO	IK8YTA	KQ8M
JA1ADN	DK5WL	SM6CMU	JA4FKX	UY5ZZ
JA3EMU	DL2OE	SP1S	JJ2LPV	VE3EXY
JH1GZE	EA1YO	SV8CS	K2UO	W3KX
JJ4POR	EA5BM	W1RM	K7NN	W5WT
K3WC	I4EWH	W3LL	KA9CFD	W6XA
K4CN	JE2LUN	W6RLL	KU0A	YV1DIG
K4ZJU	JH0INP	W9OP	KV7K	
K9CT	JJ8DGO		N4DW	319
N4JF	K0DEQ	324	N4NX	DJ4AX
N8JV	KW9A	DK9KX	N4PQX	DK1FW
N9IW	N2BJ	DL5DSM	OE1WEU	EA8AKN
NR1R	N6JV	FK8CP	OH1LEU	HB0CC
OK1MP*	PY2YP	G0DQS	ON4CD	IK4DRR
RA3CQ	RZ3AM	G4CCZ	PA3EWP	JA9TWN
SP7GAQ	SM2GCQ	I0WDX	R7DX	JJ1DHY
W3NO	SM5CZQ	IK5PWQ	SM5KNV	JR7VHZ
W4UM	SP6M	JA2BDR	UA4CC	K5MC
	SV1RK	JA2DPC	VE1DX	K6AM
329	YO9HP	JJ3PRT	W5CIA	N4DB
GM3POI		JR2LJO	W5TCX	N4QS
IT9DAA	326	JR3OEH	WI8A	NE1B
IV3JVJ	EA5BY	K5KC		ON4AOI
JA2JW	JA9APS	K9YY	321	UA3AP
JA7KY	JE1SYN	N1NK	AA4V*	YO3APJ
JA7MSQ	JF1WPB	N4II	G3TXF	
JH1TWT	JF3KON	N8BM*	HB9BIN	318
K0EU	K5EK	OE8HIK	IK2YCW	A45XR
K1HTV	K8PT	R3OK	JA0GJJ	AA4HP
N5AW	LU2NI	RV3LO	JA1XEC	DL6KR
NI0G	N3NT	VE2TZZ	JA3AZD	G4PWA
NO8D	N7RT	W8OI	JH1IFS	JA1ANR
OZ1CTK	NK1K	W9OL	JH3CUL	JA2JNA
R4GM	ON4IQ	WB4TDH	JH3VNC	JA4EPE
SP6CIK	OZ1AXG		JH4ADV	JH4JNG
SP8NR	SP5DIR	323	K2VV	K2TE
W5XX	W8DCH	AD1C	KX4R	K4IQJ
WA1JMP	WP4U	EA3GP	N5XZ	K5BG
		GM0GAV	OE6MDF	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
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
G3VKW
HK3W

IZ1LBG
JA8RJE
JA9CWJ
JN3SAC
JR2BJE
K8NVR
N5OK
NN4R
OE3EVA
ON4IZ
PY2NQ
SM3VAC
SV2DGH

314

AC4G
CT1DKS
DL6CNG
EA1N
EA6VQ
G3NDC
HA1RB
IZ8FFA
JA2AH
JA2ZL
JR4OZR
JR9LKE
K2LS
K5AQ
KB0EO
LA7AFA
MD0CCE
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UX0FF
W9RN
WB0TEV
WB8BPU

313

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

JR1BAS
JR1BLX
JS3CTQ
K4SO
K6KLY
K9US
LA7JO
LB8DC
N2NL
N4TL
N8KOL
ZS6EZ

312

AA5AM
F3SG
JA1SYY
JA1VSL
JA1XCZ
JH1AGU
JH1QAX
JN1BMX
JR6FC
K1HT
K3RA
K5XI
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

306

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

305

AJ6T
DJ4XA
JA1IOA
JA1WSK
JA2NDQ
JA7BWT
JE6TSP
JH7RXU
K0JUH
K3XA
K9NW
KG4W
N9AU*
PA5TT
RA9CMO

SM3NXS
YB1UUN

304

DJ9ON
DK5AD
HB9CEX
JA9FAI
JE1DXC
K8GI
N7US
N9RS
UY5AA

303

E72U
EA3GHZ
G3LZQ
G5LP
HB9DDO
HL3IUA
HL4CJG
IK2RPE
IK4ADE
JK1EXO
K7WP
K7ZA
KB1JZU
LA3WAA
OE5BWN
RL3FA
RW4NN
SM6CUK
SP2BMX
SP3IBS
SP7HOV
SP7ITB
SV2AEL
W1SKU
WT8C

302

DJ5JH
F5CQ
G3SVD
HL2IFR
JE8CLT
K4MS
OH8LXT
PY7DJ
R5DT
RK4FD
W0VX
W4QN
W5VY
WD4LBR

301

AE5E
CU2AP
HB9BOI
HP2AT
JA0DIN
JA1LSP
JA1SVP
JE1LFX
JG8FWH
JK1GOK
K4SE
LA5LJA
MM0EAX
RN3QN
UN6T
WB5JID

300

AC0A
DL1TRK
DL4CF
EA1AF
EI2GLB
IZ5RVG
JA2ATE
JA9AA
K8GG
K8TL
K8VFX
PA3CSR
VU2PTT
W3OA
W3RJW
W6TC
W9AJ
WA9PIE

299

4X6ZK
DM2DXA
EW2A
HB9CQK
HB9RG
IK5RUN
IZ4MJP
JA7LGE
K6SIK
K9SM
KB8VAO
N9FN
UA9FAR
VE3BW
WA3AFS
XE2CQ

298

5B4AHJ
CT1FCX
DL7BA
IW0HQE
JA4ITW
JA5BEN
JA7MYQ
JL2JVX
JR7WFC
K2PK
K8EUR
N4RWG
ND0N
PY2VA
ZL1BYZ

297

E73Y
JA3RQ
JE7JDL
JG0CQK
K6ND
K8WK
KG7H
KT1J
W6YI

296

AA4R
AA8OY
AD6W
CT1DOF
EV1R
GM0AXY
IV3YYK
JA1JAT
JK1TCV
K0KT
K3PA
K6FW
K8VC
LA8PT
LU4FPZ
N0RB
RA3QK
SM6BZV
SV9COL
UA6YW
W2GG
YO2RR

295

DL1DUO
EC3A
IW0SAF
JA1BPA

JA1FQI
JE2DZC
JH4ALY
JM1FHL
JN1RQV
K0BBC
K0TPP
K1GG
K4XD
K5VIP
K5ZK
N7TY
NA5C
RM0F
SM5FUG
SP8HKT
SV1GYG
W5LT
W6XK
W7AL

294

AI9L
AJ9C
EA6NB
HA5VZ
HA9PP
IT9CVO
JA1XPQ
JA5SUD
JE1GWO
JH1BAM
JJ1DWT
JR1DUP
K3FRK
K7ZV
KD0Q
KZ4V
N0KV
RU6L
SV3DCX
W3JX
YO2CMI

293

DL1HRN
DL1SMA
EA3WD
G4GIR
IK0HFO
IW1QN
JA2CXF
JA3EOP
JH0BQX
K4JAF
N2LM
N7IR

PY2IQ
S55DX
W7ZJ
WA4FFW

292

DL5CW
E72A
EA5AT
G8DX
HB9BAT
IZ0RVI
IZ3ETU
IZ8VYU
JA3ENN
K5DHY
K7ZD
N8II
R6AF
W4VIC
W6SR

291

4Z4DX
EA6ET
G0EHO
JJ1TKN
K4ZO
KP2A
LA5HE
N2TN
N7RO
PY2KP
VE3CFK
W7BEM
W8TN
W9FR
ZL4TT
ZS2DL

290

AA4A
DS1JFY
I4KDJ
JA1KQX
JA1QXC
JF1NZW
JH3GCN
K1DG
KD0PO
LA2QM
LU3CQ
PP1CZ
RD3AW
SK3PY
SV3AQR
UN7LZ

UN7TW W1EQ W2LK WB9EEE	286 AB5A CT3HF DL2VPO HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN JH1BNC K1LPS K1RO K5PS N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI W9MJ WN6W	OH4UI SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ	K4WNW OH1JP PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX	W1KSZ W1YRC W2PP W3BW W8RLS
289 DL9TJ JA8EJO JA9FPI JA9IFF JG1WSC JH4GJR K3UL KK0M R0FA RA1QD S57AT VE3EK W9YSX	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU JR8AMF K1USA K6GXO K6PJ KJ6P LA8HGA N8LJ OE1WHC PE1L W1OPD WK7E	283 DF2GH JA1RTX JL1XMN K3WW N6TA OE8SPW W1LW W6BJH WT4Q	279 AA6AA JA2XCR JA8DNV JE8TGI JF2XGF JH7BKN JK1UNZ JO4CFV KF2DT KQ4AV OH1ZK SM0NJO VE3DZ W4UCK WB2BIN WO7R	276 DK3WW HB9LCW HK1MW IZ5BAM JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S OZ1LCG RX4HZ SM5CLE UN3G W1ZT W2OIB W5GO
288 CT3MD HB9RYZ JA2JRG LZ2JE N4LR N5LZ N6UK ON6AA UA3AGW W1YIF W2LE W2NO W3FOX ZS1A ZS2EZ	287 9M6YBG AA8LL AA8R IV3GOW JA9NLE JE2OVG K0AZ K5RT LA3MHA N3VA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8HC W8KEN	278 9A4T CT1FPQ EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM4AZQ VE3CRG W4MAY W8MHW WF2S WS5W	275 AB4SF JE1BMJ JG1OGM JI3CJP N2JJ N6PSE N7KA ON5UE PA7RA WA0RVK
	284 DL6JZ EI9FBB GM3YOR IZ3ENH JA0DET JA8CJY JG3SKK JH3SIF OE2GEN	280 CT1EAV GM3PPE JA3XNH JA6TMU JH1HHC JN7DOS JR6LLN JR7FRW K0TT	277 EU1KY F5PBM F5UJK IZ4DPV JA8EOT JH3KAI K2AJY K8UT N9RD ON4CAS SV1FJP UW2ZM	274 7M4AOE EI6FR EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM KA8SYV KA8ZPE KS3F NA5DX RA5BM SV9AHZ UA3ECJ W7MEM

273 CT1BWU DH2PC JA1KPH JA2TBS JA6BEE JM2RUV K4RG KA1ERL KI5BLU LB2TB N4IG N4JQQ OZ1ACB OZ4VW RW7M W4HG W8QZA/QRP WA0MHJ	W1MK XE1MEX 270 7K1PTT AA4FL BA4MY DK8MCT EA1KY F9XL K0BJ K7UA K9JF N4QQ N6RV OE3HWC PU2POP VE6LB 269 HB9IQB IK7FPV IK8EPC JA1OVF JA1VLK JA4VLK JA6GPR JH3FHQ JP1NWZ K6EME KR0P NW7E OM4EX SM5FWW YB1AR 268 HB9BUN JA1IAZ JA1NWD JH4HMG K2KA K6BV KD4W N2AJ N5JB SM6BGG W2FV W9OO WA1YTW 267 DL4DW HB9MFM IV3VBM JA2QXP JA7BEW	JA8UIV K5VWW K7XB SM5BMB W6RS 266 EI8IU IK0UTM IW7DVM JA3BXF K8AJS NU1B PZ5RA RA4CA SV1HEP VE3YF W0FLS W7Yaq W8MET WB2GAI WB3LHD 265 4F2KWT G3WPH JA1VRU JA4FM JH1ACA JR1WCT K0DD K2CBI K2SN N5KM N9JV SP6JIU VE3SKX W5DM 264 4Z1UF EA1KP F6DBX HB9DHG IK4AUy IZ0NRG JA7HRM JF2WXS JR4LNG K1CA K8RRT N1EN N1GC PA7TWO SV1CQN VE6AX W5PF	W6TMD WV4TN 263 DK4TP EA3CJ EA4DL HA7UW JA7XBG K1KO K4KAY K8FH K9FN KN6KI N1RR N7BT NA5Q NF1G SM7IUN W0GG W2XI WA4LOX ZS6NJ 262 CU3EJ I5REA JA8BAR K8AV LA6UL LA9FFA N3RC N8OC NK4L NX0I W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART WQ6Q YB2DX 261 7K1CPT DK3PZ EA3EQT G3UAS IS0AFM IZ8IEV JA3FHL JH2PWY K2FW K7LJ KM1D	LA5SJA N9UA OM8FR SM7CQY W0JM WA5LFD ZS6WB 260 AA9A EA8MT EA9IE EC1AIJ F6HLC FG5FR JA2FBC JA3VPA JA3WLN JH3FUK JH4ADK JJ2WOC K1ESE K8YSE LY1G N1SV N6MZ NT5V SK7AX SP6A TG9NX WS9V WV8DX 259 CT3KN DJ8NT EW1BA JA8BNP JE2RDO K2UFM NI3P PY5CC SV1FKZ VK4CAG W1KDA W7AH 258 CU3EQ DK7YY HL3AMO JA9AGN JR3UIC KH2L SA0AQT US0YA W1SSN
---	--	---	---	---

W5JAY	254	DL2RTL	UN3GX	JA3QOS
W9EWZ	BA7IO	HA5PT	VE3YV	JJ6DGP
ZL2IFB	CT1BWW	JA1DDZ	W0RX	K5IB
257	IZ5YHD	JA1EMQ	W8IQ	KF7PG
AF4HX	JH1VUO	JA1SKE	W9RC	N0AH
DJ0UT	JH2VVH	JA5BGA	WB8K	N2NW
DL9FCY	JJ1BMB	JE1VTZ	XE2D	NZ3O
EA1JO	K0GW	JH1DGJ	248	OE3KLU
EA7SG	K3SEW	K4VIG	AK5X	S55ZZ
EB3CW	KI1U	K8CW	DS5DNO	YB0NFL
IK2PZC	LA5YJ	KG9Z	EA4DEI	244
JA6OXT	NE8P	KJ7TEA	G3VPW	G4FKA
JE1PNX	UA3O	N4SC	HB9DOT	IK8UHA
K1SM	253	N5UL	HL2KV	JA1CZI
N1API	AC9O	NV4B	JA1PBV	J16IHG
N6HC	FG4NO	W2JLK	JE2VLG	JN1NBU
PY2MC	JA6IVR	W2TB	JJ1SKG	K0KG
RU1AB	JA8XQI	W3ABT	KF9UG	K1YR
SV1VS	JE1HRC	W4SK	N4QWZ	KK1W
W3FI	K6MKF	W5GAI	N4XP	W0QQ
W8MJ	K8DV	W8OP	N6KZ	W4REX
256	KE1F	250	SV1IW	W5PJR
BH4QYX	KM6HB	6K5YIA	W8IW	W9FI
EC1A	N7XR	EA1RT	XE2X	WA2USA
FG8OJ	UA0FO	HA7TM	247	WA3F
GU0SUP	W6RW	HB9EFK	AA7G	WA8MCD
IK4HPU	W8GNM	JH6PFY	CT1FUH	WC3W
JA0KJE	WF4U	JL1MWI	K1PL	243
JF2VAX	YB0COU	JR0EQQ	K3VAT	DS5TOS
JH1RGG	252	JR5JAQ	KH6M	EI2HY
K4JJW	DL7UPN	K1KA	N7DED	G4XRV
K6EID	F1ICS	K9YC	NA9RB	HB9EBM
M0TTB	G3KWK	K9ZM	PY5IP	JA2EPW
VK3NX	G3NKC	KQ3F	S51NM	JS6TWW
W6DE	JA1BNW	OH2IS	W7IB	K8ME
W8JRK	JA4HAW	PA0JSE	W9JJB	W1BR
WB7B	JF3PNQ	PY2FN	246	W4PNY
WV9L	JF6XQJ	W7HPW	GW4TSG	WX2U
255	JH4CBM	W7IU	HL2EIZ	242
AI6Z	JL1BYZ	YL2KF	I0JBL	EI9FVB
EA5RD	JR1VAY	249	IV3KFB	JA4ZA
F6ECI	K1EFI	AF5CC	JK1WSH	JH1ERJ
HC1BI	K5FZ	HL2CFY	JR7GBL	JH1WJR
HI8R	KB9DAK	IZ8GGF	K3EA	JK1VXE
HL3DE	N6PM	JA8FFM	KB6CIO	JR1MLU
IV3TMM	OH7TV	JH1APK	W1KMA	K3NQ
JK1OPL	W2GW	JH8GEU	W3ICM	K3WWT
K1FEV	W2ZI	JJ1QUV	W5ZO	K4PB
KR4F	W7CA	K9NR	245	K7FEL
KR4F	WA4CEM	KF7F	AC9EM	KJ7M
N1RK	WA4JQS	N0RN	AJ8MH	N2NS
N5BO	WV6E	N3KN	G3KMQ	N6HY
VR2XMT	251	NH6T/W4	HB9JOE	NF4A
VU2CPL	9A4W	OZ5NJ		PA3BWD
W2/CT1GIF		SM4OLL		

RC2A
VK3BDX
W8CZN

241
AB5C
E21EIC
G8AJM
JA6AVT
JH1UBK
JP1IOF
K1XV
K7KB
KV1E
N4OA
N9SF
W5DNT
W5QM
WB8CQV

240
G7SSE
IW3GJF
JA1DM*
JA2FSM
JF2OZH
K4QE
K9JU
KF0LA
N0ABA
N4HID
PY2GG
SM3LGO
SP5LKJ
UX5UO
W0SZ
W8WEJ
XE1RBV

239
AG1A
DJ9RR
IZ1JMN
IZ2FOS
JA6CBG
JA7KE
JA9NFO
JE2UFF
K2XF
K8YYY
N8SHZ
WA6JA
WB4KTF

238
JA0LXP
JF0JYR

K9GA
K9OR
KA4RRU
M0CSD
N4PJ
N5ZC
VU2CDP
VU2DCC
W3MR
W4KA
WA4QMQ
WB0TVY
ZL4AS

237
CT1BOY
G0VXE
HB9CXZ
JH1DGQ
JR0QFA
K1RV
K2NV
LB5WB
SM0MPV
UN9L
W6AER
W8UN
WA0ROI
WB8B
WB8ZRL
YO3JF

236
HB9DQV
HB9ZS
IK2DUW
JA1HOM
JA1JYE
JA3KNN
JN1NOP
K1ACL
KM3J
KS4S
N4GN
N6IE
OE2BZL
OZ7FOC
PA0TCA
W0HBH
W2YR
W4GIW
W6DR
WA1PMA
WY6N
YB2TX

235
EA7QW
EU1U
JE1IBI
K0EOO
K0VSH
K4YJ
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NJ7G
NW4M
TA1CM
W2DXE
W7YW

234
DF7EE
DK2CC
HB9BYQ
HS1NGR
IK0LNN
JA2OLJ
JE2EBT
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
EW4C
G3XLF
HB9DVO
HL2ZN
JH0OXS
JH3GFA
JH6DUL
JR3VMJ
K4ST
K5FNQ
KB1DMX
N9PGG
NY2NY
RQ3A
SV8DOU
W6CYX
W9ZCL

231
AD5WB
DK6OR
IK1IYU
JA1MZL
JH0AWC
K2RU
KD6UO
LZ2XF
N8HRZ
NA4EA
SM7NDX
W4UDH

230
G3LUW
JA5NPV
JH7WQX
JI1VVB
K2SY
KC9K
N3PS
N4TOL
W2KA
W8FIB
W8WVM
W9YE
WB2NPY

229
AA3LX

AE0P
AH0U
DL8SDC
IK2GAJ
JA2VHO
JA7QQQ
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N4NW
NE6I
UR5FEO
W1WC
YB1TJ

228
7J1ADJ
AA0MZ
EA5B
F1RAF
F5LIW
JA1OVD
JF1RYU
JF1WLK
K4KGG
KE0A
KE4UW
RA3QUA
VR2CH

227
DF8FT
DL2RUM
I0MWI
JA0DWY
JK1SQI
K1GE
K2TER
K5CD
K5GH
LU6ETB
N1NU
N6OJ
NA9Q
W4DEE
W5RF
W5SL
WA9GON

226
DM2RM
I0OSI
JH1IED
K2BA
K2HAT

K2SD	223	K4EU	YO3IPR	213
KK0DX	AB4UF	K4MIJ		9A1AD
KK4OK	AF2C	K5MT	216	AG3V
N2KX	EA7DUD	K6MM	AC4VM	DK3UA
N2SQW	HB9HBZ	K7AWB	CX2CC	HB9HIT
N5ET	I8MTQ	K9WX	DJ3XG	IT9ODQ
N6BM	IK2RZP	KV4T	I1YDT	IV3FFI
N9AOL	IZ8MBW	KZ9DX	IT9AAI	JA0LFV
NG7M	K0NV	ON4ATW	K7LV	JA1FVS
VE7TK	K6IPV	SM0DSF	KK4OW	JG1JPE
W7HR	KI6CG	UR4IOR	KR4W	JG3RWX
W9DX	KW4V	W5THT	KX4TT	JR1EFG
WB0O	N4ENE		LB6KC	N6PEQ
	NY1V	219	NC4RB	N8GP
225	W8LMG	F5JSD	PS8ACL	NA2M*
DK5RL	WC4H	HB9BNQ	W0SR	SM7GIB
DS4AOW		HL5BMX	W5VQ	VK3FM
EU1M	222	IK5QPS	WB3D	W1LE
G3SBP	AK5Q	JA1FJJ	WS1L	W3BJ
JA0EVI	DJ9SO	K5JZ		
JA4CZM	DL5XL	KD2T	215	212
JF1MTV	E77S	KE6V	9H1EJ	G4ZOY
JH8NQV	IZ7AUH	KG6I	AA7XT	JA1BWA
JL3OUW	JM1VRW	KI7AO	AA8SW	JA3LDH
K0IL	K2AT	KR2Q	DS4GKF	JJ2KDZ
K0OK	KB5UNX	KR6C	HB9IIO	JR2PZX
K1JIU	KS4YT	N1KC	I5XFD	K3SX
K3SF	KU8X	N6DX	IZ0BVU	N4FN
K4JWA	RA4P	W5GA	JR0AMD	SM5AOG
K5YU	VE7BV	W6GRV	JT1BV	VK5GR
MU0FAL		WA3I	KF4NEF	W5DAW
N0ODK	221	WW8W	KO6KD	WW2DX
NA2AA	EA2AAZ		N8NN	WY1G
W5GZ	IZ1JLG	218	RN9N	YL2TW
W5LO	J11NJC	DL2NOM	W0FG	
W5TFW	K4CGY	DL4NBE	W0TT	211
W8UV	K4MV	EA2AFV	W1JGS	JE2KSM
W9KVR	K5DV	G4VMX	W4IS	JJ1JMZ
WE1P	K5ZQ	I7PXV	W6SL	JJ1KZZ
YO9FNP	KU4XO	K5ALQ	WA6HBR	JO4JDU
	KV4AA	KE3D	ZL2AL	JR1JGA
224	N9JR	N4JT		KD4SN
JA8NFV	RU0SN	SM7WVZ	214	KT2C
JH1OGT	W0BM	TZ4AM	3A2MW	N1BY
JO1LVZ	WA0WWW	WA2NPD	DJ3AS	VR2XLN
K1CBK	WB0N		F4GVO	W6UC
KZ5DX	WC2K	217	HB9VAB	W6WF
N3RW		IK0CHU	JA7DPC	
N7WO	220	JA2NNF	K0QQ	210
RW4CY	AA6RR	JA7ZP	K2AZ	AA4LR
SM7BHH	DL4LAM	JG5RVQ	N9KW	CU3AN
SP6AXW	EA5DFV	K1RH	PY2RO	JA7FAS
V51B	JP1GUW	KK2M	SP7ICE	JH6RTO
W7NN	K1DJ	KU4BP	W0KCJ	KD8RQE
WN6K	K1NJ	N6QI	W4WN	LU4FW
ZS2Y	K1NTR	OZ0J	WB6BFG	N8BK
	K1TZQ	W0TM		ND3L

PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	W7IV WB8BZK XE1L	IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX	K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ 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	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 HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL
208 7N3IJT 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 JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME WI7P XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD NN9X W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND NN5E RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3DFL K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3ML W3SB
207 9K2BM DG5LAC JA7MAD JE3EDJ K6ZP KE1VT M0HIH M0IKW N9AKR NW7US OE1JIS ON4ANN RD9M	204 JL1GYZ KB5HC KK8MM KM9E N7ELL VU2IBI W4GP	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU EA5HM F4WDL IV3AVQ JA2MNB	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EY VU2LBW W4DC W5UHQ W7PAQ WA1NXC

XE1R	WI8R	W0PE	183	179
		WV4V	IU0ICA	DL5MHQ
193	190	YO2DFA	JA2KSP	IK1ZNM
7L4VYK	AA4U		JA3UNA	JA1BON
AE4CW	DJ9KV	187	JE4CIL	JA3EEM
DH3KM	EC7B	4X6KJ	K6LRN	JH1XFR
I4UUL	F4DSE	AF6PK	LA7EIA	JK1JAS
IZ5MOQ	G3WW	IK8GJR	NA2U	JR3ADB
JA0AXV	HL4CCM	KM4NS	WF8R	K4WZ
JA1QIW	JA2ITK	N6VNI	YB2TS	KB7AK
JA3PRM	JA3AVO	W2CG		KE5TD
K1JD	JH8KFE	W5ZE	182	KJ6NZ
KM1C	JI2UDK	XE1YD	AE4M	KZ2R
LZ2ZG	K5RKS		I5FLN	N3KV
NU4B	K7UT	186	I8LWL	SP5ELW
PY8WW	K8ZT/QRP	K1BZ	JA6SQR	TF3JB
SM5ELV	KD0AA	K5EWS	JI1CQA	W0UC
SP5IXS	N3AIU	K5QX	JK1DDG	W0ZS
W8NN	N6MXU	K6EGF	K5DCW	W1HS
WA9DU	OT1A	KC6X	K7LAZ	W4CCS
WB6CJT	SM0BYD	N5QS	KG4JSZ	W4TUN
	VA3OKG	W8RV	KL0S	W8QXR
192	W2OR	WA5IPS	KS0JD	WC0W
F6FYD	W9ROG	WZ4RC	LA5LT	
IZ7GIT	WA8LRW		N4MIK	178
K6XN	WB4GLI	185	N8NA	AA8KY
KJ4UZU		JK7LXU	N8NB	EA2AGV
KJ4YLO	189	K0KP	NZ5O	EA8AXT
N4XYZ	AA4UC	K3PP	VU3CAU	G4DDL
NC2Y	I0LYO	K9AQ	W6SFK	IW0BYL
UR3EO	IV3KCB	KE5BR	W7WZ	JA1ERB
VA2IG	JA1SGU	KQ4EE		K1ZE
WQ5T	JG1SWM	OZ3SM	181	K3VAR
YB1TQL	K3HW	UN7BK	EI3CTB	KL7TS
	K5TN	VA7ZT	IZ4AIB	KU1T
191	K6UXO	W0QC	JA1SZN	N4ST
AA4NC	KY5I	W2WG	KY6R	N6DHz
G4XEE	N2MEE	W6RKC	N1HO	OZ1HPS
HA5CW	N6NU	WV2I	N6VS	W7HUY
IT9IPQ	ON6KE		N8AYY	WB6AXD
JH1FNU	RM3DA	184	NM1G	
JK1AJX	RN3CT	AD6ZJ	NV4A	177
JP1LRT	SM4BZH	EA5RU	UA9AEU	4X6UU
K1RI	W4AEJ	IK0HBN	W6TK	IW8CGX
K8QKY	W5SUM	JA7FVA		IZ2EWR
KF2OG	W6DPD	K3JM	180	JE4RAL
N4DWK	YB4CHP	N5FEE	A61BK	JF1LZQ
N7MQ		NW7M	AA4AK	JG3KLF
NK7C	188	SM2EJE	DK1NAL	K0KV
NO0B	EA7AN	UN7BY	JH1IZR	K2JL
OV5O	JA0GCI	UT7KF	K8SL	K2MK
OZ7DN	JH7NTW	W6BK	N7VPN	K3OX
VK2HV	K2AX	WB2HJV	NA5S	KF4VTT
W5IP	K2DC	WB3BFC	VR2XYL	SM5CBM
W8UQ	N2ZZ	WB5STU	W0MS	SP9IZV
WB4DNL	OZ9XU	WX0Z	W4DSM	VK2AAH
WF1H	PY2RN	YB1RUS	WA6EZV	W0IKD

W0JW
W1AO
W4KVS
WD8KND

176

AD0K
DL6NW
F4FLF
G4AYU
JH8FIH
JR1FHP
KK7YC
KT8D
KW9U
LA4JGA
N1JP
VE1VOX
W4LEW
W9WO
WA3GNW
WD4IXD

175

AG5CN
EA6UE
IU8IYE
IW1PUR
IZ0CKJ
JE3PCP
K1ROA
K4WY
KD4POJ
KF6HI
KN7D
N7NG
NS3L
UA1OM
UA9AGX

174

AG4Q
DL5KUA
HB9HVG
JL6USD
JR3TOE
K1XE
K5CR
K7STO
K9HQM
K9UQN
N7NW
NG9J
TF3VS
W5JMW
W5WI
WA4BIM

WA4NUF
WB8QZM

173

AB6CF
AI9U
DM6MA
HB9DVZ
K6UNE
K8JE
KI6MQX
LA9VBA
N7HN
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
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
JE4KCN
JH1ORA
JH3EQP
K0PC
K0RAR

KF0RQ
LU8ADX
LX1CW
OE1ALW
OH3PYY
R4FAN
SV1XV
VR2MY
WA9IVH

167

JA8BOV
JE3FOR
KA5JSM
KB8NTY
KD3HN
KE3X
KH6XT
N1ZJ
N4PL
N8JS
N8OQ
N9ATF
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
IK2ULM
JA0MRW
JA4GXS
K0ABC
K0CF
K4GN

K4OY	JF3VEC	KF7NN	JA6SUY	WB4SON
KE1B	JG2LGM	KJ7NO	K2DF	
KO4PRE	JK1EBA	N0SL	K4EZY	152
KW4MM	JK1NPH	N4XMX	K4WM	AC6BW
LA1CO	JM1JZN	N6MM	KM2O	AK9B
N0AMI	JR1CAD	N8TFD	M0IFT	BX5AA
N4KM	K7LY	W0JMP	NH6L	DF2WF
N7KDT	N0IW	W8LIG	NK7Z	DU1KT
N9LEO	N4MEC	WB2RAJ	NO9E	G4AFJ
R3IS	N5WA	WB9ZNZ	NU1T	IK5BSC
SM7CZL	N8IL	WT2P	OE1HHB	K2EK
VA2LC	NI5F		UT7EC	K4RDU
W1OK	W1TO	157	W5SV	KD2OV
W1XV	W9FF	AB2E	YB1AYO	KE9S
W4PGM	YO8CRU	E20YLM		N8IK
W8MIL	ZS6RJ	EI2JD	154	N9GKE
WB9B		GM4KHE	AC8TO	ON4LG
XE2YWH	159	JA0NZR	AJ8B	R9JX
YO3DDZ	AA3AZ	JA1UBZ	DS5WQT	W6RFF
	CT1ESO	JA3MHA	JA0GZZ	W7JET
162	DD0VE	JE3OUW	JA1IHD	YV4DYJ
4F1OZ	DK8IZ	JG1XBM	JA4HXF	
AB1J	EA1P	KN7Y	JA8ANQ	151
BH4IGO	IK0WMJ	N4QM	JE6PJP	DF1IR
DJ7JC	JA0ED	N6VH	JH1AQN	DL4KUG
DS3EXX	JA4FKO	N7JB	JR3QHJ	J68HZ
HS8KAY	JG1WNO	N9AZZ	K5DXR	JA2BUR
JR4CZM	JH1BHW	N9MB	KC1ERO	JE1COB
KC4HN	K0IO	NZ3M	NE5W	JI3BFC
N4BAF	K1EDG	PY1NS	W4CIR	K1IG
NP3CW	K4SAF	W3HKK	W5TMC	K1QN
W4NBS	K8EB		W8TM	K3GW
W8FN	K9QJ	156	WA9MAG	K4DET
	LA8ZAA	EA3HPX	WN7J	K7LAY
161	N1MD	G4FTC		K9AAA
HB9GWJ	N4GBK	GM3WIL	153	KE4BKL
HB9MXY	N4VG	HB9HHH	HB9BEM	KE8G
HL3ERJ	NE5S	JA1CCG	JA3UOQ	KK4CLY
JP7FSO	NF7D	JA2ODB	JH2NWP	N7MB
K2OP	OH3DP	JA9RT	JR7MAZ	NU4I
K4AR	VA3NXM	JH2AJY	K0YL	SM0NUE
KM4A	W1EBM	JL3DGI	K3GO	VA3EJN
N7QT	WD5BJT	JM1LPN	K8ROK	VA3HP
N7VZ	XE1MW	K2HT	K9MMS	W3HER
NA6XX		KA9OKH	K9UWY	W5WLA
OK2ZDL	158	N5QZ	K9YZ	W6WA
SM3PHM	9J2BS	N7RD	KF9LI	WA9JWL
W5BK	G4SGX	W1MR	KK4XL	WC2C
W5RDW	IK1UGX		KL7NW	
W6DOE	IK3DVY	155	LA2IR	150
W9GG	IW0ECV	5P5Q	M0MCV	DK3BK
	JJ1KXB	DK3QM	N0VVV	DK3FB
160	K0SRL	F6KOP	OH3FVP	DL9SAD
E70T	K4HQB	G0THF	SP5NON	EI5GM
EA1WH	K8GWU	IV3TDM	W3DIY	IT9ABN
JA1ITJ	KB2XJ	IZ0FUW	W8OM	IW7EDZ
JA1UOA	KC3AK	JA0EBV	W8VK	IZ2MHT

JA7GZM	NJ6K	F1OBJ	J11UHZ	139
JR7XOD	PY2CP	JH1CTV	K2CJ	F5VML
K5HK	VE6TL	JJ1OKK	K3GT	HB9ARK
K8WHA	W4AFB	K5FXB	K9UO	HB9DTE
K9RT	W4AG	K9GWH	KA6BIM	HL4CBX
KI7M	W8VI	KQ5M	KV7N	K0QB
KX5U	W9GM	KS0M	LA1J	K2WJ
N0TK	W9MAK	N6KK	W8WV	K9TRV
N6JOJ		NS4X		KX4I
NM4SH	147	W3DQS	141	N0CKC
ON6ZV	AB9KZ	W7NP	7K3QPL	N2SG
SM0BSO	EI7GY	WR7Q	9H1AE	N7UJJ
VU2NXM	G3VQO		EA1T	PY2OP
W3KB	I4JEE	144	EI3ISB	R9MJ
W4IDX	IS0/YO3RA	AD0TR	HB9EXQ	TA1PB
W4NE	JJ0LZQ	DL6DCD	IZ3XEF	ZL3TE
WL7OU	JK1OTP	GM0VIT	K2JK	
ZS1C	K3GGN	K1TKL	K4RM	138
	K5UZ	K7QBO	K5VG	AC5AA
149	K8MRT	K8OS	K8RCT	DL5KUT
7N2JZT	KB1HY	N5UE	K9AAN	DL5ZB
DS4DRE	KB9LIE	RN0C	KA5SYP	G0FWX
ER0FEO	SV8RX	TF5B	KA5VFU	JA0CVC
JA0JPD	VE3FAC	UY2UZ	KE7BMG	JA1VRY
JS6SCC	W3NRJ	W0AIH*	KO4DKI	K2YSY
K2KIB		WB9W	NZ6N	K6CW
K2RET	146	WX3P	SV2JU	K9BO
K4TXJ	AE5B		W11TU	KC9G
K9EXY	EA4D	143	W1NA	KF6A
KD4EE	HP3TA	AA4MM	W3IZ	KU9S
KM2E	JA3KWZ	AF3X	W5GOL	N0LD
KP4DS	K6NR	EI7JZ	W6HDG	N3PV
N0STL	K8ARY	FM5DN	WK9U	N5RN
NE0U	K8POM	HB9AAA		N9BVA
NU4Y	KB9AIT	JA1MOD	140	OD5YA
NZ0O	KM8AM	JF2RSF	AD9DX	OE6BME
RT0F	N6FS	K2OO	EI6JK	PV8ABC
TF3Y	N6RK	K6LPO	K0UBR	V31CQ
UA9MC	N9MR*	K9BQL	K4AU	VE3MSC
W1DAR	NJ1Q	KE4FW	K5GZR	W0UHL
W4MA	SM3DXC	KG6D	K6EV	W4DWS
WA1EHK	TF4M	KJ2U	K6GCN	W4EJG
WF7T	WA2MUA	KJ4R	K7VC	WA1LAD
	WA3SKQ	KN7K	K7YMG	WA5POK
148	WW8RT	LB2TG	LA8PDA	
4F3BZ	XE2B	N2YBB	LZ2HM	137
A71AM	YB1BML	N4UP	N2TC	DL2RD
AE0MO	ZS6UT	N7ZA	N5JED	G3PSM
AI6P		TG9AJR	N7TW	HL1MKT
F5NNN	145	W4JVN	NR0Q	JH1SBE
IW5EIJ	5T5PA	W4UFO	NS0D	K2CDJ
JF2AIJ	AA5TL	W7VS	VE3NJC	K2RKJ
JR3PKO	AC7JM	WY0V	W5VU	K6IRA
K5LY	AL7TC		W9BS	KP4N
KA3GWD	DL1MEV	142	WB1ASL	N9NFT
KB8ZUN	EA4S	AA4DD	WW6G	NI4Y
LZ1MDU	EA7LS	JA1PUK	YB3MM	OE3JAG

PY3OG	134	132	N5JEY	W9TO
SM5CSS	AB0RX	AA4FU	N7TM	WA4UWD
SP3EPG	DL4ZAB	AK3E	NS4F	WC4V
TA1AL	EA6AZ	AK6I	OZ6TL	WP4CQ
W2GGY	IZ8DEO	I8NLC	PU4MMZ	WQ1H
W4UEF	JA5SEY	IK8OZV	W1MO	ZS6AKU
W9MR	JA6GXP	IZ0COI	W2FDM	
WA0WOF	JR0GXA	JA9KRO	W9CTJ	127
WA5YOM	JR1HYA	K4BNF	WB8RFB	7Z1HL
WG0G	K3KY	K5SES	YO8PS	AG4TO
WS1F	K7FL	KB8KIM		DJ5DT
YB2IQ	K7RAN	KD3UY	129	DL9GTB
	K7YZO	KG8OU	AD6KQ	EA4TX
136	K9JDP	KI7HO	AE7U	G8BCG
AC9GK	K9SUH	KK5ID	DS4EJA	HB9TJG
DM5JBN	KA9JCP	M3DFW	JA0AVS	HK6K
G0OSK	KD2SC	N3TR	JA1PLT	I2YPY
IS0EBO	KF5WCP	N4EDT	JA2ACI	JA0BES
NT5EE	KN4OK	N4QOG	JA3WMS	JE2VYM
ON5GF	LB5GI	NN3V	JH1RFM	JG1LRE
ON5RKN	N1AH	ON6YH	JN1SUT	JG5DHX
VE3FRR	N6XT	SM7DXQ	K7ORK	JH1HRJ
W0ANZ	NC6RJ	UW7UA	KB4KBS	JI1MNT
W4GH	PA0QRB	VU3WEW	KN4WOJ	JR1LZK
W4PV	SM3WMU	W3KHZ	N9AVC	K2GW
W7KKC	W2KNG	W4MC	SM2YIP	K7LFY
W7SX	W4UAT	W5FL	VK5CE	KF3N
WX2K	XE2AD	WA1HXX	W4BH	KS8W
		WA1KXV	W7TG	LA2LI
135	133	ZS1EL	WU7X	N0AB
AA5H	7J1ABD		XE1ILI	N0DL
AB4FH	DL8OH	131		N1BZ
F6FHZ	G4NBS	JH1IYY	128	N3GTG
GM5YTT	GM1BSG	JK8VMB	A71XX	NA1RL
HZ1GW	HB0WR	JM1CMA	EA1AHA	ON5EQ
JA1DCK	HK4EB	K0ARM	EA3NG	VE3EDY
JA3MIO	JA5IBP	K7GA	EI3IO	VU2TMP
JA7MWC	JM1JIV	KA5IAU	F4GTB	W0MF
JJ1HLL	K6ME	KB3IFH	HL2DBP	W3KN
JL2ULM	KC2STA	KD2NF	JA6NQT	WA2BOT
K3HPA	KG6WIK	N0AKC	JH1AWJ	WB2KSP
K3WGR	KI4TZ	NG4DX	JH4GXE	WB9TFH
K4OP	KR4DA	NN6K	K6OJ	WC2L
KC3RKW	LA9KY	VE3NKS	K7PTC	
KC9WPS	N1BKB	W5EC	K9YKL	126
NX8Y	NT9F		KC2WUF	CU7AJ
S53MJ	OH4KRN	130	KD5R	DS3EXT
W5IO	OH7HM	AA4QE	KG2U	EI4HH
W7QHE	VU2ABS	DL1SWN	N0JR	IK4TVP
WA7HR	W1GY	JA2LMY	N5EI	IU8GNY
WB1DX	W3MF	JF2OHQ	R3BB	JA5CDL
WB3AVD	W6OUL	JH3PRR	UR9IDX	JA5XPD
WB6FWS	W9SE	JL4BSE	W0QD	K2GLS
WB9IWN	WA6MRK	K2MHE	W5MF	K5KDX
WO5I	WB1S	KI0HA	W6IS	K5WRE
	YO3GJC	KN4JX	W8BI	K7PO
		N2YF	W9EBO	K8GT

K9QA	KB8DID	G0HSA	WA7HQD	W6ZPL
KC5RR	KC2NJ	HC1HN	WB7BBQ	W8EOG
KK4CB	KC4AA	IU4BJC	WQ8T	ZL2AO
KM4CQG	KD9ZR	JA9ALR	WT3Q	
KS4WA	KE8NOA	K0Hqw	WU9D	118
N1GNB	KK4TKJ	K1AJ		6K5AQY
N5HC	KV8P	K3DQB	120	AE1T
N8YQX	N0YO	K4VAC	AA2T	AJ6X
N9XG	N4LSJ	K9KJ	AC4TO	DJ9KM
VE3TMG	N5VBK	KB4ET	AE5LK	IZ0RPS
VK2DAG	NT4K	KN9N	AI2S	IZ1JIZ
VR2VGM	W0DD	N1ZZ	CT7ABD	JA6CMQ
W7FI	W6ELI	N4GRC	CU2CE	K9KJS
W9COS	W6ND	N9ATD	DS3DNT	KA9JAC
XE3E	W8PAT	UT9LC	DS5QLJ	KB3KJ
	WW5L	W1ES	F5AQB	KD9BIE
125	ZL3REX	W1HEO	IK8IPL	KG5VK
AC4XO		W1KKG	IT9JPS	KM6WXB
AF8C	123	W5HNK	JA1DCO	KX6C
EI8GS	AB4BJ	W6HB	JH5OTE	KY6AA
G4EHT	AB9BH	WF5I	JJ1XVA	LZ1XZ
IK8PGE	AE5FM	XE2MX	K3QB	N3HYB
IZ8EYN	AI5EG		K5TU	N8KUS
JP1GVC	DJ6OZ	121	K9CHP	VR2CC
K0MD	DS4DBF	5H8HZ	KJ6Y	W4VG
K5NOF	G6NHU	AK0A	LU3XX	WA7ZXD
K9ARZ	IK0XKP	DL7UGO	N0TR	WA8RCK
KK5J	IZ8LMA	DS4OMS	N1TQP	WB5TOI
KK7BR	JA1GLE	HA2EQD	N2SO	ZS2I
NA7RH	JA2HOL	IK6BMU	N3DV	
NN6CH	JH1RVQ	JA1CPN	N3GS	117
SM5AFU	JL3RNZ	JA1EYN	N4UFP	AD7L
TF3MH	K2JGL	JA1WTO	NJ8G	CE3FZ
W0XE	KC2THY	JE2DOD	NR2D	F8EZE
W3ATV	KD0KZE	J15WDC	VE3QAA	HB9MZI
W4AO	KG4OJT	K1LTJ	VR2ZXP	IS0BZR
W5CWQ	LA2XNA	K3CWF	VU3RGB	IZ7QFN
W6PG	LX2SM	K9MQ	W1RG	JA9KA
WA4TMJ	N1GFV	KK4ODQ	W5RYA	JM3GXU
WM4AA	N6DVR	KU2A	W6GJB	K0FF
WR2G	N9RE	N3ER	WT5L	K4AEH
	OH3TY	N5ZY	YB0AZ	K9LCR
124	PY2ADR	NA2R		KA4AHU
7L3SQL	SV7CUD	NA4MM	119	KB2S
DJ3EJ	VE3VHH	NY4G	DL2VWR	KB5CSQ
EC4KW	W2ARP	OZ6EI	F5BAR	KO4PY
EI8IQ	W2WGK	PP2FN	HL2MHU	KP4ED
G4RGK	W4UT	TA1L	JA6JYM	KZ1X
IT9YOZ	WB8TGY	UA0FDX	K7LOL	N8AGU
IZ0FYW	YB9WZJ	UR5FLN	LU9DO	VE7NY
IZ1UKF	ZS6NK	W3/NH7C	N8LCU	W3LWH
IZ5BYJ		W3JXP	ON8PHD	W4ARK
JA3AOP	122	W4CC	SV1BYI	W4PG
J11DMH	AA0BH	W4KCM	SV2KF	WB9WHQ
K3SUI	AA5B	W5UQ	VK7AP	YO6HOY
K6VVK	AB5YI	W7PC	W1ZK	
K7HC	DB4RG	W9MB	W3MRL	

116	W5WS	K7MO	AJ6V	W6TCP
6K2ILX	WB4MM	K9DUR	AK4N	W7YED
AA0FT	WJ5K	KA5OWI	EI9CN	W8TE
EA5GXI	WS4H	KB1OIQ	F8DZY	W9GFB
EI4BZ		KB2TGU	G4ZWY	W9JJ
G8GHD	114	KC0V	HB9ECS	YB1SKR
IZ2CSX	G3CWW	LU3JVO	JA4DLF	YO5QAW
JA2KPW	HC1HC	M0NGN	JA5EEU	ZS5LEE
JT1CO	I0BJV	NA9L	JE1TNL	
JT1DN	JA1CCH	S52R	K2KYH	109
K1EO	JA1CPU	SV2DSJ	K5NV*	AA4RX
K4GHS	JA8EIA	VA3AYA	K8ZEE	AC8AZ
K4LCP	JA8WGX	VK7ZE	K9JIG	AF3K
K8JRK	JG4OOU	W1FC	KI2Y	DL9QJ
K8MN	JM3XZC	W3JM	KM5VI	F5DBT
KC1RET	JR4DHK	W6BBS	N4NYY	F8DHE
KD5RBU	K1RE	W7CD	NT5O	G0MMI
KQ5S	K2IRM	WB9YJE	PT7CB	JA1QEY
N0ATQ	K3PL		TA1UT	JA5GOJ
N0UCR	KB1W	112	TA2RC	JA9IWR
N2ZL	KI8AE	3C3CA	TA7AZC	JH4GNE
N4KEB	N3DD	7Z1CQ	W7WT	JI1IZS
N6DW	NA1DX	DL5FAC	W8PE	K0FD
OE6CLD	NG8T	G0DTX	WB8PKK	K4AEN
RW6MBC	NK5K	G3YFE	WU4B	K6JAD
SM1NJC	W0QKL	GM0SCA	XE1ZTW	KB3Z
VR2IL	W2ZK	IK4EWN		KB7DT
VY2RU	W8LR	IS0BQE	110	M0AQM
W0LGQ	WD0AJG	JA4RED	AC0B	N4LS
W1HQ	WN0L	JF3AHI	AG5Z	N4WD
W7WES	WT9U	JH0LME	CT7ANG	N6RVI
W9LU	XE1EE	K0XM	DK4MX	NN8L
WA4VJK	YB2BNN	K4HEB	EA1BLA	NW6R
WW5RC	ZS4JAN	K4ZMV	EI9HX	NX1P
		K4ZRJ	G4VWI	PF7M
115	113	K8CJY	G6MXL	PV8DX
AA9WO	AB1NS	K9KDS	HB9BEP	SP7ASZ
AF7WM	DL2DCX	KH6P	HG6IA	T88UW
E74A	EA5DPL	N0OK	IZ1EPM	VU3WUA
HL4RBR	EI2FG	N8AID	JF3KOA	W3GP
IW2FLB	F5EOT	NQ4A	JH1FRW	W4JDS
JA0NPQ	F8GB	NZ7Q	JR2PAU	W5SG
JH8LEY	G0UII	S51DV	K3MSB	W7CB
JJ2VLY	G4NAQ	SP2LLP	K4KAL	W7VP
K8CR	G4YCS	W1USN	K4RP	WA6URY
KB4CRT	HB9GZE	W3WN	K6DJ	
KB7V	JA2CPD	W4LLP	K6SLO	108
KG4URP	JA4CSJ	W5GCX	K9TVG	7M4CLF
MM1PTT	JF1AZQ	WB2UFF	KF8PD	AC8MR
N7PIB	JG0HEW	WD8LTM	KN6HIP	AC9DX
NE1RD	JH1GNU	WF4W	KV3W	DB9CR
NG0G	K1JKR	WJ1B	N1TQ	DL1TPY
NW6V	K2KNB	WN1M	N3YZ	DL2AMD
OE5MPL	K4JDJ	ZL3PAH	PV8AJ	DL2NAI
SP5BMU	K4JLD		TF8GX	DM5TI
W3UNX	K4TR	111	W1ZZ	DU1IVT
W4OV	K7BWC	AD7XG	W5JE	E70X

EA5XV	N0MHL	PY2OC	104	103
G5CL	N1UZ	UA0ABB	7N4OBV	AF8P
IK1RKN	NC7M	VE3BHZ	AA2WC	DS5JMG
JA2DCN	NI8Z	VE3XK	AA6XV	EA2RY
JA2KGQ	OV2B	VU2MB	AB5GU	EI9GLB
JH1OVY	PP5VA	W0TLX	CT3DZ	FM4LV
JR4NUN	RM6LW	W4/KL7GLL	DD8BA	HB0RER
K1FUG	SV3EXP	W6KF	EA4EJP	JA7HYE
K3XO	TA1CQ	W7GB	EI3HA	JF1KIG
K8LBT	UX5XK	WA3IIA	EI4GNB	J11FXS
KC8YG	V31MD	WA8Y	F6ARS	JP1KHY
KE3ZT	VA2GA	WV4E	FM5FJ	K0OOK
KE7AUB	W5HY	ZL3RIK	G0DRM	K1FBI
KI4SFT	W8JA		GW0ANA	K2RNY
KJ2AM	WB2BXO	105	HA5DI	K3PIN
KJ4SKO	WB2MKX	AA2F	HB9BMY	K3TXW
KO4XI	WM4W	AI1W	JA1CC	K4NI
KW1X	WS7I	AP2IA	JA1DHY	K4PWS
LU2AH	WU1U	DL9GTK	JA1RBY	K4SAW
N2IFA	ZP6CW	E29TGW	JH1MYJ	K6XJ
N5FPW		EI6GF	J14HKA	K7HV
N5TW	106	G3LOJ	JQ2MPJ	K9WMS
N7TP	AB6WQ	GM1TBW	K0BRO	KA7CVJ
TF1A	AC7DX	HL4GHT	K1TWF	KP4DDY
VE7VV	AC8IL	JA1JYS	K2CQW	KQ6K
W4DVG	DS2GOO	JE6UWU	K4WW	M0UPL
W6CN	DS5MNO	JJ2BLV	K5JUC	N1MIE
W7SMW	EA3AGY	JK1AIA	K7UW	NB3R
WB5ZAM	EW4DX	JK1AKA	K8WVA	NI5G
WC4B	F5VIF	K0MB	KE4YOG	RX3BP
	F6JSZ	K1ETA	KE9V	VE7XT
107	G0OJG	K5WE	N1FOJ	W0PPA
AB7RW	G0RPM	K7CMZ	N3PW	W2SUB
BG8PA	G3LPS	K8FB	N4PAJ	W4CU
DJ5FZ	G4FVZ	KJ8N	N4ZR	W7KHZ
DK2GP	HI7SB	KK4MA	N8TEM	W7UV
E73D	IZ4IRO	KZ4EX	N8WXQ	W8EH
EA2BFM	JA3FRI	LA9JKA	NA8W	WA8KNE
EI5GSB	JF7NNI	LZ1JZ	OM6CI	WC9C
IC8XIL	JJ1IRS	N2YU	OZ9U	YB1ALL
IW1PVT	K6VWE	N9APK	PY2YW	ZL1IM
JA3MAT	KA1CTL	N9IXD	R6TY	
JE1CTA	KA9TOX	NC1M	RV4LC	102
K0FJ	KD2RUY	NK7L	VE3ZN	4X1VF
K2FJ	KI4NSP	OH6IH	VK3MB	5W1SA
K2ZD	KM8V	PV8RR	W0VU	AC0XY
K4LQ	KT5V	VU2DED	W5PD	DB2WD
K6DLB	M0PCB	W1MRH	W9GXR	DL4FDM
K7UWR	N4DJT	W1PY	WB4HMA	IC8SQS
KA4LBD	N6UOZ	WB8LEM	WB7QXU	IZ7QSS
KB0EL	N7MW	WD4OHD	WF8Z	JH1IHG
KF2G	N8OYY	WK3A	WX0B	K1MDA
KF6XA	N9ZJ	WZ9B	YB1BUL	K2DH
KI0KN	NG4C	YU1LD	YO6HSU	K2DW
KJ4FZ	NI7F	YV4EH	ZS6HON	K4HR
KR4U	NS7K			K6BLG
LU5OM	PT2DF			K6JAV

KA8HDE	K8PGJ	DB6VH	KI0G	WB6RAB
KB1AWM	K9GL	DC1TK	KI3O	WB6RJH
KO3F	KB5YN	DK1MCS	KI4PG	WD1M
N2CJN	KC3OPI	DK7GH	KK6MF	WD4GZW
N2FY	KC4ZA	DL3ANK	KL2R	WI0E
N4IR	KE9UA	DL5JH	KL7XO	WK7W
N8KOJ	KG5POL	DS4GQR	KR4Q	WM4D
NA4D	KJ5RC	EA5PS	LA4EI	WM9Q
NN5O	KU4A	EI2HZB	M1EMC	WU1T
R9GM	LA3ANA	EI4DQ	N0JX	YB6LAY
S51MA	M0PTZ	EI4GJB	N0KM	YE1AR
SM0XG	M5LRO	EW4A	N0VTZ	ZS1IS
US8ZAL	N3CAL	F5JWH	N1KI	ZS6CR
VK2GR	N4PF	G0GFC	N3NVA	
W1GF	N8ERL	G8GFF	N4GOA	
W4GHW	NC8I	GW0KRL	N5CR	
W7FS	NJ2X	HB9HFM	N5LJL	
W7HJ	NZ1I	IK7NXU	N5LKE	
W7IMU	OZ5JQ	JA7PKV	N7WFK	
W9GWP	PA3AIN	JE7KCI	N7WR	
WB4PWZ	R2ARR	JG3LDD	N8HM	
WB7QBS	RZ6MJ	JG5VFK	N8URE	
WD6T	SV2BXA	JN1RFY	N8XS	
WD9IOK	SV4FFL	JR4VEV	N9MKC	
WN9A	TG9AKH	K0JDD	ND0B	
XE1SAX	UA4PK	K1HC	NE3K	
YB0EIN	VK4BUI	K1JX	NX6D	
YB9AY	VU2OT	K1PTF	OM2AGN	
YO6BHN	W0ZX	K1XO	OR4K	
ZS2ACP	W2FDJ	K2UF	OZ1GCT	
	W2GHD	K2UT	OZ9GA	
101	W2GM	K3NO	PY5VC	
AA9D	W3RMS	K3RRR	R2AB	
AB2NI	W3SW	K3WSU	UR8IDX	
AB4EJ	W4PM	K4GM	VA2EU	
AB8YZ	W6OU	K4KYN	VE1JF	
C31MF	WB5KSD	K4QS	VE3KKB	
DD9WG	WM5H	K4RSA	VR2PX	
DL3XAC	WU6K	K5KEW	VU2OY	
EA4OR	WX7B	K5LLA	W0RMS	
EA4UV	XE1AO	K5MMH	W1MJC	
EA8TZ	YB8HZ	K5PSN	W2MW	
G3VDB	YO2OXD	K5VSD	W4CG	
G4GEE		K5YE	W4DFU	
G4PUQ	100	K7VL	W4YR	
G8GNI	2E0XAR	K9EA	W5YKU	
HB9PUE	9M8DEN	KA2F	W6OZI	
IK2HLM	A41ZZ	KA4H	W9KM	
IU2LFP	A71EM	KB4DSL	W9ZT	
JA1KZP	AA7UN	KB6IGK	WA2ALY	
JA5ALE	AC0DH	KC5N	WA2VJL	
JA5JUG	AD4J	KD1DT	WA3UTC	
JK3NSD	AE0SQ	KE1IU	WA3YZD	
K0GEO	AE4VJ	KF5MDZ	WA6VZN	
K3AXB	AF9W	KF5TL	WB0RXQ	
K3LA	AK1P	KF9EX	WB2AA	
K5HX	AK4AO	KG4IYS	WB2ZEX	