

ARRL DXCC - 80 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 14 Sep 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.

358 W4DR	347 JA4DND K4DY OZ1LO SM4HCM	OH5VT PY2XB SM5CEU SM6GZ W8UVZ	UR0MC	OK3GU RA7A SP5CJQ
357 W1NH			335 GM3POI JA1BK JA8EAT N2TK SP3EPK UA6A W4VQ WA4FFW WD5COV	330 9A7V CT1EEB F5NTV G0JHC G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV RU3DX SV1FJA VA3DX W2YC W5ZN YO3APJ
355 EA8AK	346 4X4DK I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	340 KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	334 DK5PR F6BKI JA8DNV K0KX KF2O NR1R OZ1BTE W0BV	
353 JA1ELY OH2BU W9ZR	345 K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA R4GM UA3AKO	333 EY8MM I4EWH IK4WMA JH4UYB UA3AB	329 AA1V DJ2YA EA6SX I5KKW I5NPH IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ YU1FW
352 N4WW W1JR	344 SM5AQD UA4HBW W7UT	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T UT5UGR W4QCU	332 DL4MCF JA5AQC OE6IMD SP7VC UT5UIA	
351 K2TQC SP3GEM W1NG	343 JR3IIR K8MFO LZ2DF PE5T SM3EVR W3UR WB9Z	337 JA3FYC K3UA W1YY		
350 SM0AJU W4ZV		336 HA8IE JA2WYN N3XX SM3GSK	331 K1UO N1RJ N8DX OE3GCU	328 G3KMA GM0GAV HA5WA HB9BGV IK8HJC
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE N1DG R7LV W1MK			
348 JA1UQP K4PI W3LPL	341 DJ6RX			

JF2MBF K0SR K3FN N2LT N3SL N4CH R3OK SM5KNV SP3E SP7GAQ SP8AJK UA3DPM W3NO W5EU	CT1APE K2RR N0RR OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	SP5DIR SV8CS UA4LY UT9FJ WI8A	314 AA4HP DF2UU JA2FBY JA3PIS JH2TPI K6XT K9CT K9NW N5DG OE5KE SM6CTQ	EI6S JA1EOD JJ2LPV JO1WKO K2RW K2UU K4XO K9ZO N4II N8RR W0VTT W9RN
327 DL1RWN EU7A K4UTE N2QT OE1WEU OH2FT RZ3AM S58T W8AV	323 EA6NB HB9BIN HB9RG JQ3DUE K4SO N3NT UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V* DF3GY F6AOJ I0WDX JA3CSZ JA5MHD JR3GWZ K4IQJ K6EID N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K1MM K1ST K9RX LA7JO LZ2JE SM6CMU W5OZI W7OM	309 DK1FW EI7BA IZ5DKJ JF1PUW JH2FXK JJ3PRT KG7H OH1LEU SM6DHF W1DIG W4UM
326 AA7A IK4DRY JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	322 IK1GPG JA1XEC K2FF K4QL K4XP K8GG R7NW SP9DWT UA3LAR	318 OK1AWZ SP6CIK YO9HP		308 AD5A EA9IE FK8CP JH4ADV K3JGJ K5ZK K8SIX N4MM N5UR SM6CCO VE3XN W1TSP W2RQ W3LL W7AO
325 AG9S IK5HHA IZ0AEG JA2QPY JA3EMU K5BG KD5M N4PQX NJ6P PA3FQA R7AA RV3LO SP3IBS SP8NR W1GL W9RPM	321 E72A EA5BM F6BEE JA2JW K1ZZ K8PT N0AT N2NL N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JA8ISU JG1ULJ K9FD* N7RT SV1RK W6XA YO5BRZ	312 DJ5FI DK5WL G3TXF G3XTT JA5IU K5EJ K5KC N8TR RK4FD RX3AGD SP1S VE2TZT WK3N	307 JA2JNA JR4OZR K3YA K4SV NQ1K OE6DK R9TO SV8BHN WB8ZRL
324 9A2EU	320 G3TJW K1AR R9FM RU3FM RY9C SM5BFJ	315 AA1QD G4CCZ K0IEA K5DU K5OVC K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ	311 DL2OE IK4CIE JA0UUA JA1SYY K0KT K2UO KW9A ON4AOI RN3QN	306 AC4G DJ8NK

JE2URF JH3VNC K5EK WB3AVN	301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9NU KE9L KV7K OE1ZL OE5NNN VE3EXY WP4U	KX4R N2TN N4QS N5TY* R5DT SM3NXS SM4DDE W1RM	LA2XPA LY1G N5ZM OE5FIN OH2BLD R6AF SM2OAN WA3C	JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM0CCM SM6DHU
305 F6BLP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP	K5UO K9NU KE9L KV7K OE1ZL OE5NNN VE3EXY WP4U	297 AB6QM DJ9HX DK2GZ EA3GP F6EXV IW1ARB JA7QVI K4MWB LA3MHA NK1K OE2LCM ON4IZ OZ4O W3KX W7DO YV1DIG	293 AD5Q JA2ZL JH0INP JK1OPL K8FL NI6T SP3CGK VA5DX VE6WZ W1BR	288 9A2JK 9A4T JA2FJP JA3AAW K9KU KN5O PY5EG SM5CZQ W1MU W4FC W6XK W7ZI W9MU
304 I4LCK JF3KON K3WW N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU W3GG	300 F6DAY IZ1LBG IZ8FFA JA0EOK K2SY K4CN MD0CCE N0AV N7US OE8HIK RA0FF UA9FAR W1CU W6YI W9IXX YO7LCB YU3AA	296 I1FQH IV3YYK JS2LHI K1DG LA8PT ON4CD UA3TT UR5EDX	292 K1LD K4ZYU K9EU SM3VAC SP5GH W2LK	287 AJ6T EA1N EA6VQ F2JD JA3AZD JA6BZI JH4JNG N8DJX N9EN NE1B OE8RT SP7HOV W0MHK WA2UUK WS6X YS1RR
303 HA7TM JR1TNE K2CL K3UL N4DB N7FU W2LO W4DC WA2VYA ZS4TX	299 AI9L I0KDF K6ND K8ZTT KZ4V N6JV OZ1AXG RA3QK WA1JMP WA2HZO WA7NB	295 AA6AA AB3CV G4OBK IZ8FWN JA9LJS JA9PPC JF7DZA K3PA OZ8BZ SP6CDK W0YG WA5VGI	291 DL5AN EW2A JA2IVK JF7XKY JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	286 A45XR AA9A I3BUI IK0XBX JA0GJJ K2SHZ NN4X RA1QD RU6L WB6RSE
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC K9MM N4NX PY7DJ R8TX SM6BGG UT2UB W8GC	298 HB9BZA JA0CRI JR6PGB K2VV K4HB K9YY	294 DK5AD IK4DRR IV3JVJ JA2EPW JO7WXN	290 AJ1H CT4NH JA4MRL LA7AFA W1YM W2IRT	285 AA1ON CT1IUA

DL5WW
K1DT
K5RT
N5KM
NM6V
SP7ITB

284

AD1C
G4IUF
JA7ZP
JH1TWT
K3WC
K8BCK
KA9CFD
UN7JX
W1ECT

283

G4WFQ
JF2XGF
K0CS
K1HTV
KM1D
MM0EAX
RU3QR
RW4NN
SM6BZV
W0FS

282

DK3DG
DL9TJ
EA5RM
G3WPH
K8YSE
K9US
LA9AJA
UW2ZM
W7BEM

281

DK2NG
EA6ET
K1OA
K4NA
NV9L
ON4ATW
W9AJ

280

AF9H
CU2DX
DM5EE
G5LP
K8EUR
N6DX

279

DL4CF
E72U
G4GIR
HB9DDZ
HK3W
I4KDJ
IT9JNR
JA2AAQ
JA4DEN
JA4FKX
JI2KXX
KF0QR
N8LJ
SM5FUG
SP1MGM
W1ZK

278

4Z5MU
CX6VM
EA2IA
I6FLD
IK6GPZ
K7SO
RW3RN
SV2AEL
US0KW
W1UK

277

AB4IQ
DL6KR
EA3JL
G0OIL
JA3FGJ
JE1PNX
K6YRA
LU2NI
ON4GG
VE3FF

276

HA9PP
JE1SYN
K8WK
K9MK
OE2BZL
VE3LYC
W5TCX
WS9V

275

AA5AM
JE7ETY
JE7RJS
JE8BKW

K0JUH
K3MSB
N1RR
N5FG
ON4ACG
SM4CTT
W1KSZ
W5AJ

274

CT1BH
F4BKV
I1JQJ
IZ8VYU
JA9NLE
K1NU
KD0Q
LA7HJA
N6ET
UN9L
W3DRY
W6TMD
W8TE

273

AG4W
AH7C
DF2RG
EA5BY
HB9LCW
JA1HQT
JA1SJV
K4JJW
K5FUV
K7XB
N9UA
RN3CT
SV1DPI
UN6T
W7WM
WD5K
WN6W

272

HB9DDO
JA1ANR
W1TYQ

271

DJ5AV
JA6LCJ
K5XX
NA5C
VE3BW
VK3QI

270

IZ8XQC
JA2THS
JA4FHE
JD1AMA
JE2LUN
JF1UVJ
K0DEQ
K1NTR
K5PC
LA5LJA
N3KV
SM4AZQ
W6SR
W6UC
WB9CIF

269

IV3GOW
JA2BDR
JA3ENN
JA4PXC
K0TT
K6SIK
N7GR
NX0I
W2SM

268

DL5ZB
DL6ZXG
EA7TV
EU1KY
HB9HFN
IK7JTF
JI4POR
JL1UXH
K4SE
K8NVR
KB0EO
N7RO
W4OX
WB4TDH
WB5JID
WE9R

267

DL7BA
JH1NYM
JR3OEH
K1FK
K4JLD
K8BN
LB8DC
W4YV

266

CT1FMX
EA3WD
JA0DIN
JA4EPE
JA4IYL
JA5XAE
JL1ARF
N5OK
ND0N
SM0NJO
SP8FNA
W9OO

265

AJ3K
CT3MD
K4TT
N7KA
N7XR
NY0V
W9YSX

264

KD6WW
SP1JRF
WX0V

263

EI6FR
K7EG
KP2A
N4QQ
RM0F
SK3PY
SK7AX
UT7UV
W6RLL
ZS6EZ

262

K3KY
K7BG
K8GI
WF4U
WO2N

261

JH7IAJ
K1GG
K2NV
K8VC
K9XD
LA3WAA
W5XC
W7MO
W8HW

260 JA2KVD JF3LOP K1BD K3LR N7NG W5LT W6RW ZS1LS	W5ZG	WA8WV	W0DJC WA6F	N5TW SP6A W7SX W8DCH
259 JA1FQI JA2NDQ JA9NFO JH1ORA JH9AUB K2LS K7NN N2TU* SM6CUK W8UV	255 EW4M IK0HBN JP1IOF OH2IS RD3AW W4WM W8OI	251 EA5KA G0EHO K6FG N1EN NE8P SM4EMO SV1JG W3GQ W7KW	246 E73Y G0BLB GM3PPE IK3SWB IW0SAF JA2VQF JA3GN JA3MNP JA7MOL JL1RUC N4TJ N6UC UR3EO WX0B	242 EA3GHQ F5PAC IZ8DFO K1LI K2PK K8ROX KI5BLU LB6KC N5XZ NO2R NW7E PY2KP PY2SP PY2XU SP5IWA TF3SG W1YW
258 AB9V DM2DXA JA9TWN K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6VX W8LGJ WO7R	254 CT1GFK DJ5JH EA5AT JA5BLB K3RA K3SV K8TL KE9ET N3QE N8OC VE7AHA W7LR W8HC WD8PKF	250 HB9DHK JA1MRM JA6BJV K1HT K5JZ N9FN RN9N	245 DF3UB DL1DA DL5EBE JA9APS K0II K6SRZ PA3EWP PC3T PY4OY RU6M SM4BNZ W2KKZ W2WG W3JX W5ADD WO2T	241 EC3A G3KWK G3VPW IV3DXW JA0DWY JA1IZZ JH1RFR K9OT W2JU W2XI W4BP WA3AFS WB9EEE
257 I2TZK IK2QPR JG0CQK K2TK K5WK K9IR KB8VAO NA2M* W0GJ WA9PIE	253 4O3A DJ4XA DL5CW JE1BMJ JJ3HGJ K1LPS K1LT K3JT YO2DFA	249 AA4R DL4SZB IK5DNF JH1OBS K0BJ K4XI K6AM KF8UN LB2TB N4EFS RD3A WA9CVK	244 EI9FBB JN1RQV K6KO N5LZ SV3DCX	240 AF4HX F5LVL I0JBL IK4PLW JE7JDL JN1BMX K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W7CT W8TN
256 AC6HY CU2AP DF2GH G3VKW HB9CXZ IZ3ENH N5GH W2FCR	252 DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K0BBC K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO W1YIF W5CIA W6NWS	248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA1WSK JA8RJE JE1LFX JH0BQX W1VT	243 9A1AD I2EOW JA1GTF JA9FAI JM1FHL JS3CTQ K0VSH K9JF K9MBQ KK4CB LA2QM N4GN	239 G3KMQ

JE3ENP	JA7LMZ	W8WEJ	JF1IRW	CT1EAV
JR2LJO	JE2DZC		JH2SON	DL6MRS
K5ZD	JH4HMG	230	JK1EXO	DS5RNM
LA0FA	JH7RXU	JA6VQA	K3SEW	JA8EKU
N3MN	K7PI	JG1WSC	K4JAF	JH8RZJ
SM5OJH	KD3CQ	J11DHY	K4RO	JK1AJX
UX5UO	KQ8M	K0KVR	K5PS	K5OT
W5FI	LU3CQ	K1EFI	K5TT	K5VIP
W7ZJ	N5MOA	K4XR	K6KLY	K8JJC
	N5ORT	KD0PO	K6RO	ON5UE
238	N9RD	KS1J	N4PY	RM3DA
AA7G	NE0U	N1IBM	N7IR	VE3CFK
IZ0RVI	SM7HCW	N5JB	RN8W	W1LW
JH3CUL	W0TT	VE7JO	SP8HKT	WA4LOX
K2SX	W7/DL1UF	W5ODD	VE3CRG	
K7SP	W8KEN	ZL2IFB	W1SKU	223
N9RS	WB7B			EI9JF
VE7DX	YL2KF	229	226	EU1U
WA2NPD		JA1XAF	AE5E	JA7BWT
	234	JH8GYP	DJ9ON	K3ANS
237	CT1FCX	K7BV*	EA3CJ	K7LV
BH4QYX	CT1FPQ	K7WP	JA4ITW	K9RT
GM3YOR	IZ5MOQ	KA8SYV	K2EK	LB5WB
IK0AGU	N5ZC	KB1EFS	K4ZIN	N6HC
JA9AGN	OH1ZK	KT8X	N8PW	ON4CAS
JE2LPC	SM7IUN	N4HB	NE3F	SM5CBM
JE2OVG	SV1ACK	N7QT	PY2NQ	W0HBH
JR1BAS		OE6CLD	VK3HJ	W5VX
K1RO	233	UR5FEO		W6SL
K1USA	JA5FBZ	WB8B	225	XE1VIC
K8FH	J18DGO		DS1JFY	YL2TW
KG6I	K2UR	228	EA1AF	
N1ZZ	KQ3F	DL6UAA	HB9SLO	222
OE3EVA	KT1V	EA1DLU	I8JIT	EA5RU
W4ABW	N8BJQ	EA8BYR	JA2FBC	HB9AAQ
WB8BPU	RA3SS	I5HOR	JA6BEE	HB9CEX
	XE2X	IZ8GGF	JA8DRK	HB9TKS
236		JA2HYD	JE2EHP	IK0PEA
DL1AP	232	JH1BNC	JH1QAX	IZ8IEV
HB0CC	DL1DUO	JH1HHC	JH4PMV	JR6FC
JA7QFU	F3SG	K4RG	K0SD	K4WM
JJ1DWT	JH4ALY	K6EME	K9MMS	KF7PG
K1ESE	K2KA	N3RC	KU0A	N6MZ
K4ZO	LA9VFA	N4LR	LA9GX	NA5DX
K9FN	N2BJ	OZ7OP	N2DPF	OE8SPW
K9YC	NX7K	W0CP	N2JJ	W3BW
LA5YJ	RL3FA	W2GG	N8KOL	W5VQ
N4RWG	S54A	W4HG	OZ2RH	
OZ1LCG	W0LS		PE1L	221
SM3CBR		227	RU3A	A65BR
SM5CAK	231	AA8CH	UA0BA	AA5AU
W1ZT	9H1SP	DL6JZ	W6BJH	G4XRV
WE0Q	K1ZE	EI2GLB	W7Yaq	IZ2EWR
	K3VAT	F6FXU	W8CZN	JA5BEN
235	K4PB	HL2WA		JE6TSP
DO4DXA	W1TO	IK4FNF	224	JR6LLN
HB9BUN	W6TC	JA2CXF	AI2Q	KI0KB

N0KV N4TV OE1AZS PA3CSR SM3LGO W0VX WB3JFS WW3S	W6AUG W6RKC W7HPW	213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7KY K3OX N8II NN4R NR4M SP7CVW	N2NS N4TL N5BO N9JV OH1JP W4WT W9JJB WA5POK WB5XX	K4YYL K7UT KA7T LA2PA N1QY N3OC RU9UC WS5W YO2RR
220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4EA N2WLG UN7TW W8RLS	216 AB5C HB9CQK JK3BLD JR7FRW K1KA K8QM N4ONI N7TY N7UN UT3UZ W0DD W0RX W0SZ	212 DL1HRN DL1TRK IZ5JMZ JR3HZW K2AX K7VV K7WJB KJ9C KL0S NN4SS RD3BD SV1GRE W3RJW	209 AC4TO AE0P DM1TT IV3VBM JG4AKL JT1CO KJ6NZ N3KS N4XP RU1AB UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E XE1KK ZL2AL	206 AB0CT JA1FNO K6NR K6ZZ KA1J LA6UL NA9RB W1NA W2QO W7AL W9YE
219 JA2TBS K4MS K6FW KE9I KQ4AV SM0BYD SP6M	215 5B4AHJ DJ9RR DL1SMA K1GE K3XA K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC VE7SZ W9ILY WB8K WC4X YB5QZ	211 CT3DL JH4CPC JN7DOS N2LM PA7TWO RX4HW SM5AOG W1AO W1WC W4MAY W6SZN W8MET W9EWZ WW2DX	208 EA8AXT GW3SFC JA0DET JA1NWD JA2ATE JA5WIZ JA6WJL JH6JMN K7ZD K9ZM RQ3A SV1FKZ UA3FF UW7UA W2OO W5VY WE1P	205 JA0NZR JA8EJO JH6PFY K1UU K2MYR K5QX KA8ZPE KU4XO LU8EKC RT0F W1SSN W5DAW WA0I
218 CT3HF JA2AHH K1XM KS3F S55DX W0AWL W1OPD W5FKX WB8CQV	214 E70T HB9IQB JA1OND JI4WAO K0LUZ K5WAF K8RRT K9NR N9ISN RU0SN W2AY W4VIC YB0COU YO3CD	210 AA8OY BH4IGO DJ5DT JA2XCR JA7LGE JG3LGD K5VWW K7ORK K8KS K9TF KG9Z KT2E		204 AI6Z JA8JO JH4FEB K1CA OH8NW SV1VS W2/CT1GIF W6KK
217 EA1RT IK2ANI JA1GRM JA3LDH JA5JUG JK1GOK JR2UBS JR5JAQ K3FRK K6DT OE3SGU OE5RLM OH6NIO ON6AA W1RR			207 AA5AT HB9BAT IV3TDM K1KO K1NJ K4JPD	203 DJ3GW EA8AKN HA7UW IK0HFO IK4HPU JA3MHA K1IT K3GT

K3OSX LA6OP N0RN N6HY SV9COL VE6LB VE7UF VK3BDX W8KA	W5GZ W8GNM W8WRP WB1S WZ8P XE1H	G3SVD JA1VLK JR7XOD K2BA K4CM K5FNQ K8BL KA1ERL KK1W N7WS NA2AA PY1OL UT7KF W2FV W2YE W7AH WV4TN	PA0JSE SM4CTI SM7BHH SP5ES SV2DGH W5WP YL3DQ	KQ4EE N6GP OZ8SW SP3EPG UA0FO W7SLB
202 JA8BNP JH4ADK JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG SM5ENX W5BPT WA4CEM WD9DZV	199 I4MKN IK5RUN JH4GJR K1BZ K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S ZL4AS ZS1A	195 A92BE AA8LL AC6T DS5TOS HB9DOT IZ2FOS K4MF K4OY K9GA KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI W4RDX W8FIB WD0DAN YO9FNP	192 AE6Y I2YWR IK2SGB IK5ZUK JE8TGI K6PJ K8UT N7BT OH8LXT W1EQ W4GIW W4RFZ W5ZO W6RS WA4BIM YO3DDZ	189 AA4NC JA1DM* JA1OVD K2QMF K4JC K8TVD N0RB N15F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SM7GIB SP9WZS W0YK W2LE W5KFT WB2AA WT3Q
201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JE2RDO JG8FWH K1JIU K8YTO N9SF SP6JIU TI5KD VE3YF W2CG W6AEA	198 CT3KN DF7EE HK4SAN K0DEW K5GH NA4EA SP1DSZ UA3O W2PS W9PZT WB4YDL WD4LBR	194 J11NJC M0CSD N1PM VK3NX W5CWQ W6ENZ YT2AA	191 AD6W IK5CBE JA1PMN JH1AGU K0GY K1TO K1ZN K7FL K9OR KF0LA KR2Q KU4BP N8NN NX1L SV1FJP W3ABT W4UCK WC1M ZS6WB	188 JA2FGL JN1GTG K0TV K4AV K7WE KA4RRU W4GE W7HR W7IV WP3R ZL4TT ZP5JCY
200 9K2OD HB9RYZ IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N4MHQ R3IS VU2CPL W2OIB	197 AC9EM DL9FCY JA2IYJ JA3CMD JA8XQI K4CMS K6UT K7UR KD6UO KM4H KZ0X N0AH N1RK N7HN NG0T PZ5RA R9MJ	193 IK0LNN IW0HQE JR4LNG K5FZ K6UM N1JP N5UW ND5S	190 7K1PTT EA2AFV EW3CW JA2KSP JH1APK JJ1SKG JR1MLU K4MZ K9GWH	187 DH0GSU IK4AUY IT9BLB JA0LFV JA2VMU JR3UIC K3PP K4WZ K5CD K8DV OH7TV OM7CA VE6SV

W3MR	W9FI WA0RVK	UT6UA W0GG WY1G	OE2SCM RW4CY SP5JXK VE6AX W6DR WA5IPS WF2S	N6ZN NY3C SM5CZK SM7NDX VK2DX W1NT W7CD ZL3JT
186 G3NDC IT9GSF JE8CLT JH2AYB JH4CBM JR1BLX JR7MAZ KD2T NE0DX OZ8RO SM3PHM W1ITU W4SK W5PF W8JRK WA7TZY XE1J*	183 4Z4DX DJ5IO DL1KUR EA1JO EA3GHZ EA8RR F3AT GU4YOX HB9BXE HL3GOB IK5PWN IT9CVO JA1DOF JA8NFV JA9CWJ JQ6RUP K8AJS NA2U NA5Q ON6YH R0FA R9JX W6JTI W8IQ W8OP WA4TII	180 E21EIC EC1A I0OSI IK7FPV IZ4DPV JA1DOT JA4VUQ JA6GIJ JA7IC K0LU K0TPP K2CBI N6PSE SV1BYI W2KA W5JAY W5WQN W8LMG WK7E	177 AA6RR DL6LIM I8LWL IK0EFR JA4DHN JR6GIM K0GD K5UZ KA2CYN LA8HGA N6RV NT2A RA9SC VE3OI WD9Q WQ7B	174 DS4AOW IZ5BAM JA7SFD JM1BPP K3XO K9HQM K9SG KB6CIO N1NK N6NU OH4UI PA2TMS SV3KH SV9AHZ TZ4AM WA8MCD WB2WPM WC2K
185 AD7L DK4TP DL8PG EA1KK EW1P HB9DHG HI3T JA1FJJ JA8UIV JR4VMS K0MD K1RV K4KGG K8RYU NA2X W5QM W8HB	182 F6DBX I5OYY K7UA KE1F ND3F NW6S NY2NY SV2DCD VU2NKS W1PX W5DNT W7MEM XE2CQ ZS2DL	179 DL2CHN DS3HWS HB9EFK IW3GJF JE2HCJ JE3CYW JF1RYU JG3SKK JH1RFM K7ACZ KA6BIM KD8RQE N7TR OZ7FOC W2WC W5GAI WE4S WT4Q YO4DW ZL1BYZ	176 CU2CE IW1QN JA1IOA JA5SUD K1RI K4VIG KB4MRX KJ7M KZ1W N3ND PY2WC VE7VV W3FI W3TN W9DX WA1FCN WA1PMA WA4JQS	173 4X6ZK AG1A K1EO K14GE KK4OK N0OK N5WA NJ3K S57AT SM6CLU W3BJ WA4DOU WF4G
184 AK1L EA4CQT IZ2AMW IZ5RVG JA6CBG JA6TMU K3GGN K5KG K8NK KI4DLS KO8SCA N2RJ N6PM SM5FWW SV1IW W1UE	181 AA4DO DL6CNG EI2JD JH1ROJ JK1BSM K1RH K3EA KE4UW OZ1IKY	178 CT1ESO I0MWI IK8YTA IV3TMV JE8LWZ K2HAT KM6HB N0AMI N3NR	175 JA1JAT JA3BXF JA8LRG JH1DGQ JM2RUV K0EOO K4BYN KW4MM N4PL N6PAT	172 AB2E JL3JTD K4WNW KY6R N4JT N4OA N5ET N6RK W2NO W3FOX W3MF W4DAO

W4WJ
W5JMW
YB1UUN

171

DL7JRD
G3UAS
IU0LFQ
JA1QIW
JH1IED
JH1WJR
JK1UVP
JR8AMF
K1JD
K9RR
KU2A
N4UOZ
N6UK
W1OP
W4CCS
W4NJ
W7WZ
W9BEA

170

BA4MY
EA2AA
IT9ODQ
JA3MF
JA3RQ
JA6SRB
JE1PHH
KB9DAK
KD1F
KE1VT
KH2L
LU6ETB
N0ABA
N7KO
NO9E
OE2GEN
PY2DS
W4HZ
WB6JXJ
YO2CMI

169

G3WGN
IT9AAI
K2RET
K3PU
K8OM
KT1J
NF1G
NX8Y
ON4ANN
UN3GX

W5LO

168

DL2NOM
EA5OX
I8DVJ
JA2FSM
JE2UFF
K0DD
K1ACL
K7HC
KJ7TEA
N8AGU
SM4OLL
SP5MXZ
WA4AFE

167

AA7XT
CU3EQ
I0KRP
JA3FHL
JA5BGA
JA5NPV
JA9CG
JH1APZ
JL2JVX
KQ1F
LU2CC
N4AL
R5QA
RA3LAL
RL3AA
WA8CDU

166

DL1QQ
DL3KZA
G3WW
HB9DVZ
I2DMI
IZ4DIW
JA4KDT
JA7BEW
K8ME
KN6KI
KR0P
W3BNN
W9JA
WB7QXU
WC4B

165

AA3LX
E70A
FG8OJ
HC1BI

HI8R
JF3PNQ
JS6TWW
K5CR
K7JH
LX1KC
N2GZ
N8HRZ
OE3KLU
OK2BUZ
SV1GYG
VK4CAG
W2YR
W9MO
WA0SXV
WA4VA
WA5LFD

164

DJ1TO
DL5XL
EW1KP
HA5BSW
HA5WG
IV3BKH
JA9KRO
JF1LZQ
JH1RGG
JH2HFD
K9UQN
KA9OKH
KK4OW
LU2DSL
LZ2ZG
N8OQ
N8PCN
PA0TCA
RA3BL
SM6WET
VE1OP
VR2MY
W1JA
W3HKK
WB8BZK
XE1MEX

163

AA4FU
FG5FR
IW0BYL
JA0KJD
JA8FFM
JG3RXX
JI2EMF
KF9UG
KG8CW
KK0DX

NC4RB
NY4G
OZ5NJ
VK6LC
W5GA
WA2UKA
WA8JBG
YO3AIS

162

E73D
IK2VUC
IT9DAA
JA2NQG
JA8BZL
K1DJ
K2AT
K2RU
K4JKB
K4MM
K5RJ
KT2C
LU2AH
N2ZA
N9OY
NA5Z
W2OR
W6WA
W8PC
WB0N
WW1N

161

AJ4A
E74A
JA1BPA
JA1SDV
JF7RJM
JH0NOS
K3MD
K3WGR
K4HMB
K5IB
K8CC
KC6X
N3HBX
N6IE
N6TR
N8NA
NK0S
SM0DSF
SM5ARL
W1LY
W4KA
W5VU
W6DX
W6YOO

W8CD
W8HMK
W8IW
XE1RBV

160

AB4UF
DL7UPN
DM2RM
F9XL
JA0GCI
JA1MZL
JA4HAW
JA5PUL
JA7XBG
JF2WGN
JH3FHQ
JJ1BMB
JR3XUH
KI4WCQ
KW4V
LA5SJA
N2BT
N3RR
N3XM
ND6G
TA1CM
W0KCJ
W6CUA
WW4LL
YO4AUL

159

9M6YBG
AH0U
DL1MEV
F5NBX
HB9DDM
IK1UGX
IK8UHA
JA3NHL
JH1ACA
JH1IAQ
K2TA
K4YJ
K5RA
LZ2JF
N4QM
N4TOL
N6MA
NA6O
OZ4VW
SP6AXW
W1YRC
W7VY
WV9L

158	ZL3RJ	153	EI9E	W4NBS
AA8R		7K3QPL	G4XEE	W9GXR
BA7IO	155	AA9GR	HL2KV	WA4MME
DL4NBE	5T5PA	EB3CW	HP2AT	WB4JTT
DL5KUA	9A1A	F4FLF	JA6COW	WV2I
DL9DRA	AA4DD	G0VXE	JR7ILA	
JA1SHE	EA3EQT	IU8FRE	K1AJ	149
JA2ITK	GM0AXY	JA0NPQ	K1PL	AB1J
K4XU	JH1SJN	JA1QOQ	K3FM	AL7TC
LA2GH	JH1VHU	JA2BUR	K4ST	IZ4MJP
N2ZZ	JK1TCV	JA7GYP	KD4OS	JA0LXP
N4DWK	JR1DUP	JH3HTD	KM1C	JA1ADN
R7LP	K2DC	K1YT	N3MK	JA1SGU
RU3UR	KR6C	K4EU	N4HID	JA4ZA
W1GQ	KZ5DX	K7GA	N9DR	K0GW
W2RA	LA2RZ	KH6AT	NF4A	K0KP
WO3Z	N1MD	N2FF	UA1CEI	K2TER
WS1L	N3IQ	NA6MG	VA3XQ	K3NF
	N4IG	NK7C	VK2GR	K4WY
157	N8AYY	OZ7DN	W0JM	K8AV
CT1DKS	N8WRL	SM6AOU	W2TB	KM2E
G4AFJ	N9XX	VE1DUN	W4WW	N7MB
JA2EJI	OM8FR	VE3YXO	W8VVG	N9IO
JH1DGJ	PA7RA	W5ZPA	WA0ROI	NJ7G
JR4VEV	RN3QO	W8MIL	YO6HOY	NX2X
K2CDJ	SV8LMQ	W9GE		ON5TW
K7LFY	UN3G	W9SE	150	W6RFF
K8WVA	W0NFL	WN9O	AL7R	W6ZO
N0VVV	W0VHF		CT1FUH	WA2MZX
NJ6D	W1AW	152	DK5RL	WB0O
UA4PK	W2HUG	AF2C	DL2JIM	WW1WW
VE3UZ	W4HOG	EU1DX	DL2VPO	YB2TX
W4PV	W7IUO	G3LUW	DL7AA	
W5PJR	WO9S	IK0CHU	F6HLC	148
W5RF		JA6GPR	HB9DQV	EC1AIJ
W7RN	154	JR1WCT	IK2RPE	IZ4AIB
W8BBQ	DK3BK	K4ZA	IZ0CKJ	JA1CZI
ZP5ALI	G4FTC	K9JU	JA0PE	JA6OXT
ZS2EZ	JH7LBE	KS4S	JA3EOP	J16IHG
	K0THN	LB7ZG	JA9AA	JN3RBE
156	K4QD	SM2HWG	JE1VTZ	JT1BV
DK0EE	K4WFM	VE3EK	JF2VAX	K4WJ
JA1QGC	K8RF	VE7XT	JH2VVH	K7CMZ
JA4VLK	KE4VU	W0LYI	K1VI	N4NW
JA5BZL	KG4CUY	W1LE	K2OP	N6IG
J11WLL	KK4HD	W1MR	K4NC	NG0G
JK1UNZ	RA0BA	W1NK	K5DHY	VE1VOX
K6XN	RD9M	W3NS	K8MN	W4MA
KK9H	RT5A	W4NZC	N0STL	W8WFN
N4IQ	SM5BEU	W4TNX	N2SQW	W9CSX
NA9Q	SP6EY	W7FI	N4PYI	WB2HJV
SP5ELW	W2UB	W7IB	N6WT	WB3LHD
W2FK	W2YK		ND0F	WS1E
W7CA	W3KHZ	151	NU4I	
W9HBH	W4UEF	AA4FL	NZ2L	147
WB2AQC	W6NK	EA7OH	SM2GCQ	AB4SF
WM0X	W8MHW	EI3IO	W1JGS	AD6ZJ

DK6OR	W7TSQ	N7OJ	K3DFL	KE8UM
DL6KY	W8QZA/QRP	NZ3O	K3NQ	KP4P
EA5BZS	W9MJ	R7LA	K6IPM	LU8ADX
HA5PT	W9MR	W0QQ	N1BZ	N2PK
HL4CJG	W9ZCL	W2ZI	NY9H	N3TR
IK4HLO	WA2USA	W6BCQ	W1DXH	N4XYZ
IK8VRH	WA9DU	W7QDM	W2TX	N6QI
IZ0BTV	WC3W	W8SAX	W3DQS	NM1G
JA4EVN	ZS6UT	WA1YTW	W9IL	NN7X
JA6NQT		WC4H	W9ZJ	NU1B
JH1UBK	145		WQ8T	RA0R
JH8BOE	AA0KA	143	WT9U	SM0XBI
K2CYE	DL2RD	AB5GU		VA7QI
K3PT	DL7UGO	AC6DD	141	W3AKD
K6ME	DL9GTB	AI8P	DF2UH	W6GJB
KB1W	EI6IZ	DJ3AS	DL9ABM	YL2AP
KD7H	F6KOP	IK1IYU	EI4BZ	
LA5XGA	IK8GJR	IK2RZP	I0LYO	139
N7MQ	IW0HOU	JA6IVR	JH6DUL	CT3DZ
N7TP	IZ0NRG	JA7FWR	JH6WMJ	IK0ZIO
NV4B	K1XV	JA9APM	JJ1OKK	JF0JYR
V51B	K4WES	JH2XQY	K0OK	JF2OZH
VA3IC	K4ZNC	JR1CAD	K3WWT	JH0AWC
W1WEF	K5EWJ	K2CS	KB1HY	K3SW
W6BK	K8SIA	K2SN	LU2BA	K3SX
W7EYE	KB7V	K4EB	N4MI	K4KAL
WF5E	KD5R	K7KB	N6AA	K6LPO
WS1F	N4UFP	K8ZZU	N7DED	KE4S
	SM7CQY	KW9U	RW4NJ	KH6DX
146	UA5D	N9KW	SP7ICE	KL7J
DD0VU	W0SR	N9PGG	VE1JBC	KS3L
DK3QM	W1ER	NA9A	VK6OZ	LA9FFA
IK2DZN	W2FB	ND3L	W0MU	N1IA
JA1WTI	WA5NFC	NU4Y	W0RXL	N6KZ
JH3FUK	WB6CJT	NW8F	W1DYJ	N8NB
JH3GCN	YB2DX	OZ1HPS	W2HUV	NN6K
K4MX		RA3CO	WA4NUF	PP1CZ
K4ZRJ	144	RX3BP	WE9A	W0TM
K6LRN	AA0MZ	UA9AM	WQ6Q	W5THT
KI1U	AA6PI	US2WU		WF1H
KK0M	AB5A	W1ENE	140	WQ5R
KK6T	AK5Q	W2NRA	AA4US	XE1FAS
LX1CW	EA7DUD	W3DM	AB0RX	
N5CQ	F1RAF	W3IZ	AD3C	138
N7JB	HL2EIZ	W9HZ	AG5W	AA4UC
N9JR	IZ7AUH	WB2GOK	EA3CZM	AA5B
PY2IQ	JA0KJE		ER0FEO	AC4VM
SP3F	JA1UXC	142	IK0WRB	EW1LM
VE3UTT	JH1EIG	AG4Q	IK7YZG	HB9AZO
VR2CH	JH2RMU	HL2DBP	IV3VCS	HK3PJ
W0MS*	JR1IZM	HL3AMO	JA3EY	IK2HDF
W1NR	K0LB	IK2WPO	JA7KQC	JA3XNH
W2JLK	KA0CDN	JE2VLG	JE1DXC	JF1WLK
W4DEE	KE5PO	JH1VUO	JH1BAM	K2MK
W5KI	KM8AM	JH7LVK	K2HT	K2WK
W6AER	N1KC	K0PJ	K4JWA	KE7LU
W6OUL	N4SC	K1ZJA	K5HK	KF4VTT

N2KX	IK8PGE	PT7CB	JA1FUI	W0UVC
N7WO	IZ7EVZ	SP7ASZ	JA2BL	W0ZT
N8GP	J68HZ	W0UC	JA6BF	W5RYA
NU1T	JA3UCO	W5BN	JH4RLY	W5WLA
OZ0J	JA3WLN	W6FL	JM3GXU	W7IU
SP5IXS	JA7NX	WA3IIA	K2KIB	W9RB
TF4M	JP7FSO	WA3PBL	K5ZQ	WB4CW
W0QD	K0SRL	WB2NPY	K8EB	YB4CHP
W1ZZ	K1SM	WC2L	K8KY	
W2PP	K1TWF	WK8A	KO1H	131
W4DN	K2AJY	WX2CX	KZ9DX	AA4EA
W8TM	K4AMC	ZS1J*	N4AOE	DJ2RB
WA2BOT	K4KAY		N4DJ	DL2TOS
WB2RAJ	K4YP	134	N4HN	DL4ZAB
WI2E	K5YU	AG7N	N8KU	F2NH
WN9Q	K8CS	CT1BWW	NT5O	IZ3ETU
WT2P	K8JE	CT3CD	NW7US	JF2QNM
XE1ILI	K8KI	DF3OL	PY2DV	JH8JBX
YO3VU	KC2STA	DK2BI	VE3SKX	JL6USD
	KM1A	HB0WR	VK5GR	JM1VRW
137	LA6MP	HL2CFY	W6MVW	K1UM
AA9RR	N7NH	IZ1JMN	W7JET	K6IPV
DL2VWR	NE4A	JA1EMQ	W8JA	K7LAZ
EA4UV	NU1O	JA2OLJ		K8JP
G8AJM	RL3BZ	JA8ALB	132	KK7YC
HB9ACC	W1FA	JE1WZB	9AY2K	KM4A
IK3DVY	W1MRH	JG3HBO	AA3TH	KR4BD
JA1KPH	W2PD	K0XP	AE5B	KX6C
JA9GPG	W5JE	K4MV	CT7ANG	N0TK
JH1ERJ	W6DCK	K5TU	DJ0AH	N3HYB
JO4CFV	WB0TVY	K8QKY	DL3IAC	N6FS
K5ALQ	WD8LTM	KC5LK	EA5RD	ND7K
KF6A		KF2TI	FG4NO	NT9F
NA1DX	135	N2NW	I1CMA	OH2LU
NB3R	AC5AA	N4TD	IV3TMM	RU3UN
NC6A	AE4CW	ND4V	IZ6ERS	SM6VR
OE5JDL	CT3FN	OE1ALW	J11MNT	VE7TK
SK0QO	G4FJK	SM5CSS	JN3TRK	W4SD
UT4UZ	HB9VAB	W1OG	K4DSE	W7NP
W0JMP	HK6K	W1ZS	KJ6Y	W8FAX
W6TK	JA3VPA	W2DXE	KS4YT	W9UM
W7KSK	JR1JGA	W4UFO	KV4T	WA6EZV
W7QHE	JR7GBL	W5BK	KW4CQ	WA6TQT
W8UQ	K0FLY	W6EJJ	N2XQM	WB0PWA
WB2KSK	K4IE	WA1NXC	N6VI	WD8MGQ
WB3D	K5LC	WA3SKQ	N8XI	WW1V
WO5I	K5QR	WE2N	NA4CW	
YV5OIE	K7LY	YB1TJ	NA4MM	130
	K7WK		NG7M	7J1ADJ
136	KD3HN	133	NH6T/W4	AA9AA
9H1AE	KN4JX	DL5JS	NJ9C	AB6BT
AA6RE	KO4PY	DL8JJ	NO0B	DJ4SO
AG1I	N3KN	EA3CWK	S53MJ	DL9GCG
CU3EJ	N4CT	HP3TA	SM0MPV	DL9JI
DL5SBA	N4QWZ	I1YDT	UA3SAQ	EA8MT
HB9MFM	N9MB	IK6COX	UA9AGX	EC5A
HL4CCM	OE3EPW	JA0AXV	VA7XX	HB9FBG

HK3MCM	PY3SB	127	N8VV	JA7HRM
JA4RED	UA0APV	AA3AZ	OZ9GA	JA9GLW
JA8BAR	UY1HY	AI2S	W1BYH	JE6UWU
JL1GYZ	VO1AU	DL5KUT	W4PG	JM1LPN
JM1GHT	VU2MSA	HA3OU	WB2GAI	K2WJ
K0HB	W2EQ	JA1DIO	WB5STU	K3LA
K4ODL	W4LIA	JA1FHK	WV1X	K6SLO
K4VX	W9RC	JA1XRA		KB9S
KC4AA	WA1ZIC	JH3PRR	125	KF1P
KF7NN	WA5NOM	JJ6DGP	7K1CPT	KM1R
KP4DKE	WD5BJT	JN1MKU	AA4LR	KN9N
LB8OH	WY6N	K0AZ	AB2DP	KP4MS
M0IKW		K3OK	AD4AA	MU0FAL
N0TR	128	K7PO	DL9BM	N1YX
N1NU	4X4MF	KV7N	EA1P	N3KR
N4LUF	7M4AOE	KW2J	ES3VI	N6XT
N4XMX	7M4CLF	KX9X	G0HIO	N7AU
N7TM	A71AM	N5QS	G8BCG	N7ELL
N8IL	AG8L	ON8VM	HB9JG	NC2Y
PY2FN	AK4AO	OT1A	HB9JOE	NN4K
SM5BNK	DL3BUE	W4GP	IZ5EKV	NS4F
SO5AS	DL6NW	WA0WWW	JA2QCX	OZ9XU
VE3FRR	G4FKA	WA2ALY	JA6EXO	W1ASB
W0AD	HB9HBZ	WA7BNG	K2ZZ	W5WZ
W3JXP	HK3O	WB2KSP	K5TIA	WA4QMQ
W3ML	IT9ZZO	WC0W	K6BZS	WA8RCK
W4NK	JA0ED	WC5E	K7QA	WA9BZW
W4SW	JA0EVI	YT7T	K8GWU	WB4SON
W7FP	JA3AYU		KG5VK	WD6T
W7LGG	JA6JNF	126	KM9E	WR7Q
WK9U	JE3BIQ	AD5WB	KQ5M	ZS6NJ
WO5D	JE4CIL	DK3FB	N3OUC	
WX3P	JM1HJG	EA4EPY	N4ENE	123
	K2QB	EA6EE	ND4X	AB6CF
129	K4LQ	EW4A	PT2CSM	AC0W
AF4OX	K8ROK	G4NBS	PY2RN	AC4BT
CX2CC	KA1O	JG1SWM	RT2O	DD0VE
DF7GG	KD2GC	JG3KLF	SV1CQN	EA2AAZ
DL3LAB	KE3X	JH4GNE	SV1EOG	IK1RLI
EA5DFV	KE4BKL	K1EDG	W1MJB	IK4BHO
GM0CWR	KF7F	K4ZMV	W1XV	JA2CXK
JA1KXT	KL1V	K8FZ	WB1DX	JA2JRG
JA1TGO	N2AJ	K8YE	WD8KND	JA2KSI
JA7EU	N4KM	KC8IVC	XE2YWH	JA3AVO
JA7JPZ	N4MEC	KI3O		JA7KE
JF7NNI	N9JCS	KI5GD	124	JA8EOT
JR0EQQ	N9LEO	KN7Y	BG8PA	JE1HRC
K3VPZ	NC4RY	KS0M	CU3AN	JE3GUG
K6QU	NY1V	KS4XQ	DF3EC	JH0NBN
K7VC	SM6DIN	LA7EIA	DM5JBN	JH6WDG
K8YYY	SV2JU	M0VCB	F8EZE	JO1ABS
KF4NEF	VY2MC	N1SZ	G3VAO	K0KM
LU2JCW	W1PNR	N2SG	G3XLF	K1QN
MW0CBC	W3EF	N4LV	IK0OPS	K3GO
N3AIU	W5UE	N4UW	IK4TVP	K4GO
N4GBK	WB5NHL	N5JC	JA1TD	K8GT
N7BD	ZS2Y	N6PEQ	JA2AH	KC4HN

KF2DT	W7BJN	EA5B	N1DC	NA5S
LB5GI	WA6KHK	IK7YCE	N2RR	OE3JAG
N6NT	WB1EAZ	IQ2VA	N3CW	TA1L
NC1M	WN0L	IZ5EBL	N6OJ	VA2IG
NS3L	WR2G	JA3BLN	NA2R	VE3PNT
NZ5O	WV1R	JF1EGO	NK7Z	VR2PX
OH2BEN	ZS6IR	JH1LZU	SK6SJ	W3ACO
PT7DX		JH6CDI	SM6NJK	W4SKW
SV2BXA	121	JI3BFC	SV8QG	W5SJ
VK2CA	EI8GS	K1TKL	VA3HP	W6GM
W0MS	F6FYD	K3SF	VE4JBB	W6WF
W0PE	GM3WIL	KD2SC	VR2XMT	WA3GM
W2PSU	HB9BOI	KD4POJ	W5UHQ	WA4USA
W2XX	IK4TVQ	KF8HR	W6IS	WB4PWZ
W4GKR	IK5BOH/2	KI4TZ	WA3YZD	WZ6Z
W6PH	JA0MRW	N2CG	WA9JWL	XE1R
W9ROG	JA2ACI	N4JQQ	WB2ZAB	YB1RUS
WA8Y	JA8EIA	N5BA	WB3BFC	ZS5LEE
WB4GLI	JH1AEP	N5PA	WB8IZM	
WC4V	JH1SBE	N9DJ	WB9WHQ	117
WQ1H	JR4CZM	NO2C	WD4IXD	AB4GE
	K0FG	NW4M	WY0V	AJ8MH
122	K0QQ	PY2SEX	ZL1WG	DF2UA
9A3LYL	K3AR	SV3AQR		EI7GY
AA7FL	K3IXD	VU2PTT	118	EI8IU
BV1EK	K3JM	W0UY	AA4NG	F4DSE
F5RQQ	K3RWN	W4AFB	DL2RUG	F4WDL
HB9BEM	K4GM	W5DM	DL4FDM	G3PSM
HB9IIO	K4SAF	W5EC	DL5MX	G7SSE
IK6BOB	K7STO	W6DE	G0MFO	HB9PUE
IV3BSF	K8CXM	W6HDG	G3YFE	HL4GHT
IV3KCB	K9QJ	W7HUY	G3ZEM	IK0XIH
IZ8EJB	KC9WPS	WD9FLI	G4CWD	IZ0GYP
JA0CIU	KD8BZY	WN7J	GW0ANA	JH8KFE
JA1CPU	KM7R	YE6YE	HB9DLE	JL3DGI
JA3EEM	KT5X	ZS1C	HL3ERJ	JR1SLU
JA8ZO	N2KI		I5CRL	JR6GHN
JE8IGW	N4BAF	119	IT9IPQ	K0MP
JH0OXS	N4TKF	DS5ACV	JA2NNF	K0PC
JH2PWY	N7WR	HA8UT	JG1WNO	K4AR
JM1ESG	NY7T	HB9DVO	JI1FXS	K4AU
KD0S	OE1HHB	HB9GWJ	JJ2KDZ	K4SX
KF2OG	W1OK	JA0CVC	K1TU	K4ZIW
KF8DX	W3NRJ	JA1DXR	K3IZ	K5GM
KT8D	W4AEJ	JA7VEI	K5WE	K6CF
LA6EIA	W4EB	JM1GYQ	K6UXO	K8ZM
NI4Y	W4NE	JR2CFD	K7UPJ	KB8KIM
NU4B	W5FL	K0IIR	K8IKE	KE1IU
OZ3SM	W5MF	K1FE	K8WHA	KG6D
SM2EJE	WA6JA	K1LTJ	KB0V	KK9T
UA6LCN	WW8RT	KB4CRT	KB1AWM	KM1H
VE7ON	YB1AR	KK4QN	KB2XJ	KM4NS
VE7VF	YO3JF	KV4AA	LY3BS	KM5G
W1GF		LA4C	N1FOJ	KS9R
W4AO	120	LZ2HM	N3MLV	KU4V
W4PNY	DL1EV	N0ATQ	N3RW	LX2PA
W4RS	DL2VFR	N0ODK	N9AZZ	N0IW

N8JK	UA1OM	N6DHZ	PV8DX	112
N8WXQ	VU2ABS	N8SHZ	W4TTY	7N4OBV
NC8I	W0ANZ	ND4Q	W7BV	AA3K
NL8F	W0QC	NK2H	W7HJ	AA7UN
NW2I	W1GWN	PV8ABC	W8UMA	AA9WO
ON4AGX	W4ARK	UU1JA	WD1M	AC9O
PT2BW	W4CZ	VK3OT	WG0G	AD1S
SV2CLJ	W4DFU	W2HAZ	WN6K	AD4YQ
SV3RKM	W7RR	W5GO	WR2V	DF2WF
TA1AL	W7VJ	W5HNC	XE1EE	DF5CD
TF3DT	WA2EOV	W6QON	113	DJ7JC
UT2VC	WA8LOW	W9RXJ	6K5AQY	DL8DYL
V51YJ	WB4DNL	WB2P	A92IO	G4DBW
VE7ACN	WB8FIW	WN1M	AC9X	HK4EB
W1UN	WC2C	YO3HOT	AK1P	IK0UTM
W3WN	WF4W	114	EA2J	JA0HC
W4OWY	WJ1B	AA4H	EA5HM	JA9RT
W6KR	WQ5C	AD4XV	EA8TZ	K0PX
W8BI	WV4V	AK3E	G4RGK	K0UBR
W8VK	WW0E	BA4TB	HB9HHH	K1KOB
W9BB	115	CT1ELF	IZ0FUW	K2DW
WP4CQ	AA5N	HL3DE	JA2MNB	K4NTO
WS4H	AB0S	IZ5GST	JA4JSV	K4ULA
ZL1ANH	AC0B	JA2LHG	JH3GRO	K5VR
ZP5FGS	AJ8B	JA3VUI	K0HD	K6EGW
ZP6VT	CT1DOF	JA7MAD	K0XM	K6LD
ZS4JAN	DF8FT	JE1LPZ	K2SD	K6MKF
116	DH3KM	JK1MZT	K2TG	K7DS
4X1EL	DS5DNO	JR1ATQ	K6OJ	K7SX
E77S	G0JJG	JR1EYB	K6ZP	K8LE
HK1X	I6DQE	JR1VAY	K8SM	K9UVK
HL5BMX	IU8HEP	K0BRO	KC2SST	KD9ZR
JA2DHG	JA1OVF	K1QQ	KW1DX	KP3R
JA3UNA	JA3MHV	K4TXJ	N1ZJ	KR4DA
JA9IWR	JA7FAS	K6GWN	N6RC	LU3XX
JH3GFA	JA8GSN	K6PT	N8RF	N1BB
JO1LVZ	JH1RVQ	K8AO	N9RE	N3NO
K0BFR	JH4VDP	KA1DJ	NJ0F	N4WOT
K4IU	JK1SAI	KM3J	ON6LY	N5OP
K7VS	K0IL	KM4HQE	ON7BJ	NN2D
K9LCR	K1HJC	KX2S	VE7BZ	OZ7QB
K9ZG	K4MIH	LA4RT	W4CC	PY6TS
KC1ERO	K4MIJ	LA4WJ	W5RDW	R3BB
KU1T	K5AX	LA7QI	W8AEF	R7NA
KU8X	K5LY	LA9XGA	W8PE	SP1NEN
LA2IR	K8LBT	LU1FM	WA1EHK	VA7ZT
N2SU	K9EXY	MM0BQI	WA2AOG	VE3GFN
N3ER	KB0EL	N2YBB	WB9MSM	VE7NY
N4HGZ	KC2WUF	N6RJY	WK1Q	VK7ZE
N4QVM	KE7PB	N8AID	WW5L	VU3WEW
N6NBB	KE8NOA	N8KUS	WY7M	W1RG
N6VH	KJ4EX	N9NB	XE2MX	W4EJG
NV4A	KK0T	NG4C	YB0EIN	W4JVN
OH1NSJ	KK5OQ	NR0T	YE1AR	W4UAT
PA2R	LT1F	ON6KE	YV4DYJ	W5FPT
SM1NJC	N0OP	PP2FN		W5MJ
				W5TFV

W6CN	W6IHA	KA1API	JA9IFF	EA8TK
W9LYN	W6ZPL	KB2RA	JF6AKS	F5UJK
WB4CTX	W7AM	KB4FXE	JI4HKA	G0KHO
WB4FNH	W8QWI	KB4KBS	JI5RPT	G3VXJ
WX4TM	W9GG	KB5GT	K0MFI	G4SSH
YU1GM	W9KX	KI0I	K1RY	I7PXV
ZS6NK	W9MMZ	KK4TK	K4BNF	JA0DBQ
	W9WO	KM5VI	K4RDU	JA1SZN
111	WA6URY	KS0Y	K5VG	JA2CPD
8P6SH	WA7HQD	LA4JGA	K6JJ	JA2VHO
AA8KY	WD9IOK	N2KW	K7CU	JA4CZM
AC0X	WE2L	N4ANV	K7IA	JA5OP
AI1W	WF2Y	N4CO	KC5LT	JG1LBN
AI4WW	WO2Q	NU0Q	KD4W	JG2LGM
DK9WZ	WZ1Q	NW6V	KP4AH	JJ7XTV
DL1DH	ZP9MCE	OZ9U	N1UZ	JK7LXU
EA2AGV		R0QA	N9BVA	JR3QHQ
EA4EJP	110	R6AZ	ND1T	K1KZ
EI1DG	AD8NQ	SM0CXU	NN4RR	K4DB
EU1TT	AE4M	SV8RX	NR3Y	K4JDV
F4DVO	DF1JM	TF1A	NS4X	K5LA
HB9LAK	DL2AMD	VE2GHZ	NX3A	K6NS
HC1HN	DL4IW	VE3EDY	OZ6PI	K6XJ
I2QMU	DL8XDA	VE3YV	R2ARR	K7QBO
IC8SQS	DM3XRF	W0QL	SV1XV	K8BB
IK2PZC	DS4CNB	W0VM	SV3EXP	K8ZT/QR
JA3HBF	F5NNN	W3KN	TA6N	KD4RH
JA3QOS	G3WXX	W3SB	TF3JB	KD4SN
JA9FO	HB9AGO	W4GF	VK2DAG	KE4KMG
JE1GWO	IU8IYE	W5SUM	W1KDA	KE9XN
JH8GEU	IZ0GKB	WB8EKG	W1RH	KX5V
K0RW	IZ8EKL	WQ5T	W4DWS	LU4FW
K1VMI	JA0JPD	WY4I	W5XU	MM1PTT
K1XE	JA0UMV	XE1L	W6EKR	N1HO
K3GW	JA1EMK	YB4IR	W7XE	N1TA
K3HW	JA1KZP	YV5LI	W8EOG	N2TC
K6DJ	JA2KTP		W9KM	N4KEB
K8CCV	JA4HXF	109	WA4YYM	N8KOJ
K9ARZ	JA7GAP	4Z4KX	WA5YNB	NN7A
KA4H	JE3CHA	AA4MD	WA7BNM	NT6AA
KB2HK	JF1KKV	AA4ZK	WA8LRW	OZ1OXQ
KI7M	JH8FIH	AA8BN	WB2UFF	PJ2HB
KJ4YLO	JJ2VLY	AF8C	WI7N	PV8RR
N1KM	JM1GAW	AJ9K	WY7FD	S51DD
N2FY	JP1NWZ	CT1CQK	ZS2ACP	SP5LKJ
N3BOB	JR0QFA	DL1TPY		VU2IT
N5RN	JR1RCQ	DL2RTL	108	VU2OT
NC6K	JR2PZX	DL9QJ	7L3SQL	W0YDB
NE1RD	K0HP	EA3BL	9A3ST	W2GHD
NJ1H	K1LZ	EA3GCT	9A5SSS	W2ZK
NR5R	K2GLS	F4GVO	AC7ZG	W4EW
OE1JIS	K3EE	G4EHT	AE4VJ	W4GD
RV3GW	K4AFE	G4UZG	CO7RG	W4PGC
UA6MA	K4DET	HB9DRS	DH4RL	W4PGM
W1HEO	K7JI	IK0XKP	DJ5EY	W4WNT
W3WH	K9AQ	JA0HXV	DL3ANK	W8LYJ
W5WI	K9GY	JA6JYM	EA5DKU	W8ZR

WA3FRP	NQ2O	K5MMH	AA4XR	PA2SWL
WU4B	NQ4A	K7CTV	AA5H	R3LO
WX0Z	OH3FVP	K7PT	AB2NI	RA6XV
WY2E	OZ2TF	K8CJY	AC5O	SM0EUI
XE1OX	SM3JLA	K8FB	AH7G	UQ2GM
107	SP7QHR	K9SUH	DJ8KM	VA7DX
AD5MD	SP9IZV	KB9AIT	DL6DK	VE3MSK
AI9U	SV2DSJ	KC4PX	DL9NDV	VE9RJ
AJ4IM	UR4CW	KD3UY	EA1AZ	VY2RU
DK3TL	UR4IOR	KE6V	EA1T	W1DAR
DL2KUA	VR2XYL	KF8VX	EA5XV	W1KMA
DL6ZNG	W1XY	KJ6ZH	EI9FVB	W1USN
EA1AA	W3UI	KK8MM	F8GB	W3DAD
F1ICS	W3UTD	LY2PAQ	HB9CA	W4CU
F8DZY	W5UQ	LZ1HY	IK0WMJ	W4RQ
G0RPM	W6BBS	M0RTP	IK2DJV	W4WIV
G0THF	W7SMW	N0MR	IZ5IMB	W5ADH
G3RZP	W8LWU	N4LB	JA6MWF	W6SIY
HA8UB	WA2PNI	N4WMB	JG3KMT	W7MD
I4FGG	WA9IVH	N8TFD	JH1OGT	W7VS
I5XFD	WB9UQE	N9OK	JH2AHZ	W8EH
IK6CGO	WF8R	NA7RH	JH3AEF	WA0GOZ
JA1ASO	WM4AA	NK7L	K2IUK	WA4HXC
JA1CJO	WY9V	NT4K	K4RM	WA4RTE
JA3GAK	YB0WWL	NZ0O	K4VMT	WA8A
JA7XRO	YO5OEF	OE9SLH	K5FXB	WA9SQH
JH1AQN	106	OZ7BQ	K6EGF	WB0CHS
JH1XFR	AA8SW	RC3D	K7AWB	WB3AVD
JM7TKK	AB6FI	RV6ARZ	K7KJ	WB4KZW
JP1GUW	DL7AB	SA0AQT	KB1OIQ	WB5IUU
K2GW	DM3CW	TF3T	KB5HC	WD1X
K2IE	EA2CLU	W0TF	KB8ZUN	WK1J
K2WR	EA3LX	W1EBM	KE7UL	WO7V
K5ZO	EI4DQ	W1ECI	KE8G	XE3ARV
K6AHG	EI4DQ	W1PY	KJ6YK	YO6BHN
K8POM	F5EOT	W2IY	KL7XO	104
K8ZEE	F5RZJ	W3DIY	KM4AF	AA6PG
K9AAN	GM0NAI	W4LZW	KN7K	AA6XV
K9XR	HB9ECS	W4OEP	KO4XM	AF6O
KI0G	HB9HFM	W5GML	KR4U	DL6DCD
KI2D	HC4L	W5PD	LU9DO	DS3EXX
KI7HO	HG6IA	W6TGI	LX1EL	EA4DEI
KM2O	HL1XP	W9FY	LY3BA	F5VML
KM4FI	HL4CBX	WA3DCG	N1XL	G4GEE
KP4N	IK5TBK	WA6HBR	N2PL	GU0SUP
KR9A	IZ4COT	WB8RFB	N3AS	HA0EQ
N2RD	JA6ENL	WD3P	N3ZA	I3DUB
N3YZ	JF1CZQ	WS7W	N4FN	IK4QJH
N4KZ	JH8DEH	XE1V	N5OGP	IV3EHH
N4WD	K0CF	YB0JH	N6DW	IZ8EYN
N5PO	K0GEO	YC0LOW	N6VNI	IZ8FDH
N5TF	K0GK	YO3NL	N7KDT	JA1KXY
N6ER	K0HQW	ZL1BBW	N7NM	JA2DCN
N6JM	K1EP	105	N9AX	JA3MIO
N7VPN	K2JK	9L1JT	NF7D	JA4AO
ND9M	K4GZ	AA4UJ	NS7K	JA5EEU
	K4RP		OV5O	

JA7TQK	AC6ZM	N3NVA	AD7XG	N4PAJ
JE4WOK	AD0TR	N4LS	CT1YH	N8WL
JO4JDU	AF3X	N4ST	DL2XN	N9HUK
JQ3TAN	DJ3NK	N5RA	DL5PW	NA3M
JR2PAU	DJ3XG	N5YY	DS5JMG	NG4P
K0FF	DL1ET	N6IBP	EI5JL	NI7F
K2DF	DL1SVA	N6MXU	F4HAB	NX3Y
K2RNY	DS4DBF	N7NF	G0UGO	NZ3L
K4KFH	EA4S	NA8W	G0UII	PF7M
K5RKS	EI5GM	NC6RJ	G3JFC	PR7AB
K6JAD	EI8IQ	NM4Q	G4AYU	SM7TZK
K6MYC	F3SJ	NX1P	G8GNI	UA2CZ
K8TS	G3VDB	OH3PYY	HC1HC	UN7BK
K9BJM	GM4ELV	RA3LD	I7LGM	UX4UM
K9JDP	HA0IT	RM4C	IK2ECP	VA1SEA
KA5JSM	HL9HH	RZ6LB	JA3VQW	VA3OKG
KA5RNH	I0BJV	VE1GBD	JH1GNU	VA7FC
KE1B	I6XGZ	VE1HA	JJ1KZZ	VE3KKB
KF0RQ	IS0/YO3RA	VE3GLA	JJ2BLV	VR2ZXP
KF6E	IS0MVE	VE3MIS	JO1MOS	VU2LBW
KF8AR	JA8AQ	W1VEM	JO3WHB	VU2MB
KH6XT	JA9IPF	W3ATV	K0GX	W0FF
KI4RD	JE4FNC	W4TJE	K0ZM	W0PXM
KK4MA	JF1MTV	W5SG	K1CN	W2NY
LA3ANA	JH2CYU	W6OP	K1HC	W4PM
LA9VBA	JH5OTE	W6SA	K2FJ	W5TZN
LZ1SW	JH7WQX	W6SFK	K2MHE	W7YED
N3COB	JK2VOC	W7IH	K3IU	W8DN
N3STZ	K1HDO	W7PC	K4CKS	W9LU
N4PF	K1ROA	W8KTH	K4KZM	WA6VZN
N7YQ	K2YEH	W8LAQ	K4NI	WA8COB
N8PE	K3GP	WA7IHN	K4OP	WM0G
NE6V	K4MQL	WA8MOA	K4VUD	YL3GDM
NY2E	K5NV*	WA9BXB	K5GZR	YO8PS
OH2LHE	K7RAN	WB2EBS	K5PV	YV1AVO
ON6NG	K8CR	WB2GMY	K6VMV	101
PY2CP	K8TLC	WB3HLH	K9QA	5P5Q
PY2OP	KA2F	WB5TOI	K9WA	AA2VG
RW3QHN	KB1CQ	WB8PKK	KA4JNB	AE0MO
SL0AS	KC1XX	WB9TFH	KC4GKY	AF3K
SM5NAS	KD1AB	WD4AFY	KD2SY	C93PA
TI4SU	KF8PD	WE9M	KE3ZT	DJ3GZ
VR2KF	KI0KN	WK5X	KE5FXE	DK8IZ
W1TW	KI5GF	WN5K	KK4CLY	DM5TI
W5AP	KN4T	YB9AY	KM8V	DO5SB
W6FUV	KP4GC	YC6JRT	KM9Y	DS2BGV
W7TUS	KS4Q	YO4AUP	KO4PRE	EI3ISB
W8PAT	KT6LA	ZL1ANJ	KU0S	EI6GF
WA4TMJ	KV8P	ZL2AO	KV1M	EW2CR
WB6MBF	KW9K	ZS1DX	KW4BY	F2AR
WQ5G	LB8CA	102	LA9PHA	F6ARS
WV8DX	LU5OM	AA1DN	M0LUX	F8DHE
YL2IP	M0PCB	AA1IF	N1EDN	G4DDL
YO5QAW	M5LRO	AB5YI	N1IN	G4VWI
103	N1KI	AC8TO	N2MG	GW4TSG
AC4CA	N2QLT	AD5BV	N3DAP	GW4WND
	N2ZL		N4DJT	

HB9BNQ	VU3CAU	JH1HRJ	NA9L	YO3GJC
HI3I	W3GP	JH8CFZ	NE3K	YO6HSU
HL1SX	W5TSB	JJ1IRS	NJ4V	YU1LD
I2YPY	W5TUF	JM1JZN	NN9X	ZL3PAH
IK2WSO	W6QL	JQ1YIW	NO2EL	
JA1BJI	W7WT	JR1AHH	OM4KW	
JA3WMS	W8JY	JR1LZK	OZ1ZD	
JA5ALE	W9IE	JR3ADB	PA3GFE	
JA5XPD	W9QO	K0MB	R3DL	
JA8ANQ	WA3YGQ	K1YWW	RA3UT	
JH2AJY	WA7HR	K2ITT	RA6XB	
JM1SMY	WB8TGY	K2RKJ	SM7DXQ	
JR3TOE	WD4OHD	K2ZD	SP5BMU	
JS6QOM	WF3M	K3CWF	SP5ZCC	
K0HIP	WS7I	K3HPA	SQ5M	
K0SQ	YB0AI	K3RRR	SV8RMA	
K1JE	YB1AYO	K3SUK	TA2AD	
K1YA	YL7X	K4AEN	UA4PT	
K2KNB	ZL2LW	K4HEB	UX5XK	
K2RB	ZL3NW	K4LRX	VA2GA	
K2UT	ZL3TE	K5HX	VA3VF	
K4TOR		K6JBH	VE2ACP	
K8ARY	100	K7NW	VP5JM	
K9EA	5N0ETP	K8ESQ	VR2IL	
KA1NCN	A41ZZ	K8MRT	VU2DED	
KA4IWG	A71XX	K8OS	W0GXA	
KB5NJD	AA2MF	K9CHP	W1FP	
KB8DID	AA2T	KB2S	W1KQ	
KC0V	AB4KJ	KB3KJ	W2FS	
KD0AA	AF8P	KB4CP	W2RL	
KD1YV	AI4EY	KB4FB	W3EP*	
KE9UA	AK4N	KC4DM	W4LEW	
KJ4FZ	AK9B	KC8YG	W4MIR	
KK4ODQ	DG0OAT	KE5MMT	W4UT	
KM4EX	DL2YBG	KF9WV	W4YR	
KU9S	DL3XAC	KG6KH	W5IO	
KZ1X	DL6ZBN	KI6PG	W5WS	
LA9JKA	DO2UDX	KJ4UZU	W6OU	
N0IRM	EA2RY	KN4OK	W6PG	
N1GNB	EA4D	KU4A	W7NUW	
N4VG	EI5GSB	KX5U	W9COS	
N6RVI	ES7GN	LA8W	WA9EZT	
N8LIQ	F1OBJ	MW2I	WB2AMU	
NE5W	G4PUQ	N1GFV	WB2BXO	
NK6O	G4SGX	N2JNE	WB2MKX	
NZ3M	G10VJE	N2XTT	WB4JPG	
PA1NHZ	GM0VIT	N3CAL	WB6RAB	
RW9LL	HB9CZF	N3MX	WD0AJG	
TF3IRA	HL4XM	N3PS	WD1Z	
UA3FT	I8YAV	N3PV	WI0E	
UA3UCD	IK2HLM	N4GOA	WK3A	
UA9CIM	IZ4IRO	N4UP	WM1L	
UR3HC	JA1BDF	N4UY	WM9Q	
UY5AR	JA1EYN	N5CR	YB0MWM	
V31CQ	JA2ODB	N6DKZ	YB1BML	
VE6TL	JA3BKP	N7ZT	YB2TS	
VK3FNJ	JF3MKC	N9AKR	YO2OXD	