

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 24 Aug 2026, 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.

364 ON4UN*	348 JA1UQP JA4DND K4PI SM4HCM W3LPL	WB9Z	337 JA2WYN N8DX SM3GSK W1YY	333 EU7A I4EWH JA4LKB SP7VC W3NO
358 VE1ZZ* W4DR		342 K4ESE* OH5VT R7LV		
357 W1NH	347 K4DY OZ1LO	341 DJ6RX KG4W PY2XB SM5CEU SM6GZ UA4CC W8UVZ	336 DJ2BW* GM3POI HA8IE JH4UYB N3XX RA7A SP3EPK UR0MC	332 9A2EU OE3GCU SM5KNV SV1FJA UT5UIA W5ZN
355 EA8AK K5UR	346 4X4DK I4AVG I4EAT* JA2VPO JR2KDN K5NA* N4JJ* SM6CVX SP2FAX			
354 K4MQG OH1XX		340 JH4IFF N6AR OH1MA OZ3PZ R4GM VE3EJ W3YX	335 IK4WMA JA1BK JA8EAT KF2O N2TK UA3AB UA6A W4VQ WA4FFW WD5COV	331 CT1EEB GM3YTS I5KKW IK8HJC JA1HGY JA2QPY K1UO N1RJ OK3GU SP5CJQ W2YC YO3APJ
353 JA1ELY OH2BU W9ZR				
352 N4WW W1JR	345 K4CIA N0XA N4CC	339 DF3CB JA5AUC K3UA K4ZW UA3AKO		
351 K2TQC SP3GEM W1NG	344 PE5T SM5AQD UA4HBW W7UT		334 9A7V DK5PR DL4MCF EY8MM F6BKI JA5AQC JA8DNV K0KX NR1R OE6IMD OZ1BTE W0BV	330 F5NTV G0JHC G4BWP I5NPH IK4GME IK6DLK JA5EXW K6SSS K7ZV RA3CQ RU3DX VA3DX
350 SM0AJU SP5EWY W4ZV	343 JA2JPA JR3IIR K8MFO LZ2DF N1DG SM3EVR W1MK W3UR	338 DJ9KG JA3FYC JH1GZE K5RK N0TB NN4T UT5UGR W4QCU		
349 HA0DU N4KG* W4AG				

YU1FW	PY2YP	321	JY2FBY	JA1EOD
329	SL0ZG	E72A	JA8ISU	JA5IU
AA1V	SM3NRY	F6BEE	JR7VHZ	JH2FXK
DJ2YA	VE7SV	JA2JW	K9FD*	JJ3PRT
EA6SX	325	JG1ULJ	N7RT	K2FL*
GM3GAV	IK1GPG	N0AT	N8TR	K4XO
HB9BGV	JA3EMU	N4XM	R3VA	K5KC
N4PQX	JQ3DUE	NO8D	SV1RK	N7NR
N8JV	K2FF	SP5DIR	W6XA	RK4FD
OH2FT	K4SO	UT7UJ	315	RX3AGD
OZ1CTK	K5BG	UY5ZZ	IK2YCW	SP1S
S58T	N3NT	320	JA7MSQ	UX4UA*
SP3E	PY2BW	G3TJW	JF1PUW	W9RN
W3GH*	R7AA	R9FM	JH2TPI	WK3N
328	RV3LO	RU3FM	K0IEA	311
G3KMA	SP8NR	RY9C	K5DU	DL2OE
HA5WA	W9RPM	SM5BFJ	K5EJ	JA0UUA
JF2MBF	324	UA4LY	K5OVC	JA1SYY
JG3QZN	F6GCP	UT9FJ	N8PR	JA2JNA
K0SR	K1ZZ	WI8A	OZ1ING	K2UO
K3FN	K2RR	319	PY5HOT	KW9A
N2LT	OH1TX	AA4V*	RX4HZ	R7FK*
N3SL	R7DX	DF3GY	VE2TZT	RN3QN
N4CH	SP6HEQ	F6AOJ	314	W0VTT
NJ6P	UX1UA	I0WDX	AA4HP	W3LL
OE1WEU	VE1YX	JA3CSZ	AD5A	W4UM
R3OK	W4PK	JR3GWZ	DF2UU	310
SP7GAQ	323	K4IQJ	IK4CIE	DL5DSM
SP8AJK	EA6NB	K6EID	JA3PIS	EI6S
UA3DPM	HB9RG	N9US	K1ST	EI7BA
W5EU	JA1XEC	SP6CIK	K6XT	JA9FPI
327	K4XP	YO9HP	K9NW	JJ2LPV
AA7A	N2NL	318	K9RX	JO1WKO
DL1RWN	SP9DWT	AA1QD	LA7JO	K2RW
IK5HHA	SP9FKQ*	K5XI	LZ2JE	K2UU
K4UTE	SV8CS	OK1AWZ	N5DG	K9ZO
N2QT	UA3AGW	SM5DJZ*	OE5KE	N4II
RZ3AM	UA6MF	317	SM6CMU	N8RR
SP3IBS	W0FLS	DL7MAE	SM6CTQ	WB3AVN
W1GL	W4DKS	HL3IUA	313	309
W8AV	WX4G	K9CT	DF4PL	AC4G
326	322	LA5IIA	DJ5FI	IZ5DKJ
AG9S	EA5BM	ON4AOI	G3LZQ	IZ8FWN
CT1APE	JA5MHD	ON7TK	HB9AMO	K3JGJ
HB9BIN	K1AR	S59Z	K0KT	KG7H
IK4DRY	K3YA	UA3AP	K1MM	KV7K
IZ0AEG	K4QL	YO5BRZ	W5OZI	OH1LEU
JA6BZA	K8GG	316	W7OM	SM6DHF
KD5M	K8PT	AA6YQ	312	W1DIG
LA5HE	R5AJ	DL1DUL	DK1FW	308
N0RR	R7NW	G4CCZ	DK5WL	EA3GP
N4XU	UA3LAR	G4PWA	G3TXF	EA9IE
PA3FQA			G3XTT	FK8CP

JA0EOK JH4ADV K5ZK K6TA* K8SIX N4MM N5UR SM6CCO SP9JZU VE3XN W1TSP W2RQ W7AO	N4QS N5AW OK1MP* OZ1AXG RA9CMO W3GG WA7NB YO7LCB	VE3EXY	ON4IZ W3KX W7DO	292 CT4NH K1LD K9EU KC6AWX* PY5EG SM3VAC SP5GH W2LK W4FC W9XY
307 JR4OZR K4SV NQ1K OE6DK R9TO SV8BHN WB8ZRL WP4U	303 HA7TM JF8QNF JR1TNE K2CL K3UL K9MM K9YY N7FU W2LO W4DC WA2VYA YU3AA ZS4TX	300 F6DAY I1FQH I1JQJ JH0INP K2SY KX4R MD0CCE N0AV N5ZM N6JV N7US OE2LCM OE8HIK RA0FF UA9FAR W1CU W1RM W6YI W9IXX	296 G4OBK IV3YYK JS2LHI K8FL LA8PT ON4CD UA3TT UR5EDX WA3C	291 EW2A HK3W JH1IFS JN7FAH K4HGX N9AU* NE1B RW7M SM0CCM VE1DX W9OP WT8C
306 DJ8NK F6BLP JE2URF JH3VNC K5EK N1SV N4DB NM6V ON4IQ	302 DJ4AX EA4KD IZ1LBG IZ8FFA JA1KQX K1AM* K1FZ K4UEE* K5KLA N4NX R8TX SM6BGG UT2UB VE7IG* W8GC WA2HZO	299 AA6AA AI9L DK2GZ I0KDF IW1ARB K1DG K4MWB K8ZTT KZ4V LA3MHA OZ4O RA3QK WA1JMP	295 DL5AN IK0XBX JA2FJP JA2IVK JA2ZL JA9LJS JA9PPC JF7DZA OZ8BZ PY5EW SP6CDK W0YG WA5VGI	290 AJ1H JA4MRL KA9CFD LA7AFA NN4X W1YM W2IRT
305 G0DQS I0DJV* JA0CRI JF3KON JH2UVL K0EU K1DC K2JMY* K5AQ K6ND N4DW NI0G PY7DJ W3AP	301 DF2IS DJ9VA DK2JX EA1YO I1EIS JA2DPC JA7QVI K2TE K5UO K9NU KE9L OE1ZL OE5NNN R5DT	298 AB3CV HB9BZA JR6PGB K1OA K2VV K3PA K4HB N2TN N5TY* NK1K SM3NXS SM4DDE YV1DIG	294 DK5AD IK4DRR IV3JVJ JA2EPW JF2XGF JO7WXN K2PLF* LA2XPA LY1G OE5FIN OH2BLD R6AF SM2OAN SP3CGK	289 9A4W JA2XYO JA4DLP JF2UPM K0XN KC7V N1AC N8BM* OM4EX SM6DHU
304 I4LCK K3WW K4CN K5MC N4AH		297 AB6QM DJ9HX F6EXV	293 AA1ON AD5Q JF7XKY JH4JNG JK1OPL K4ZYU NI6T VA5DX VE6WZ W1BR	288 9A2JK 9A4T I3BUI JA3AAW K9KU KN5O MM0EAX RA1QD SM5CZQ

W1MU	UN7JX	JA4DEN	274	K1NTR
W6XK	WS9V	JA4FKX	AG4W	K5PC
W7ZI		JE7ETY	AH7C	LA5LJA
W9MU	283	KF0QR	CT1BH	N3KV
	G0OIL	RW3RN	F4BKV	SM4AZQ
287	G4WFO	SM5FUG	JA3ENN	W6SR
AJ6T	K0CS	SP1MGM	JH7IAJ	
EA1N	KM1D	UN9L	K1NU	269
EA6VQ	RU3QR	W1ZK	K7XB	EA7TV
F2JD	RW4NN		N6ET	IV3GOW
IZ8VYU	SM6BZV	278	W3DRY	JA2BDR
JA3AZD	VE3FF	CX6VM	W6TMD	J14POR
JA6BZI	W0FS	I6FLD	W6UC	N7XR
JL1UXH		JE1PNX	W8TE	NX0I
LA9GX	282	K7SO		SM0NJO
N8DJX	DK2NG	K8NVR	273	W2SM
N9EN	DK3DG	LA7HJA	DF2RG	
OE8RT	DL9TJ	NA5C	EA5BY	268
SP7HOV	EA5RM	W5AJ	HB9LCW	DL5ZB
VE3LYC	G3WPH		JA1HQT	DL6ZXG
W0MHK	K8YSE	277	JA5XAE	IK7JTF
WA2UUK	LA9AJA	AA5AM	JA6LCJ	JH1RFR
WS6X	SV2AEL	AB4IQ	JR3OEH	K4SE
YS1RR	UW2ZM	DL6KR	K4JJW	N7RO
	W1UK	EA3JL	K5FUV	NY0V
286	W7BEM	JA1SJV	N9UA	SM5JE*
A45XR		JA3FGJ	RN3CT	W4OX
AA9A	281	K6YRA	SV1DPI	W5ZG
JA0GJJ	EA6ET	LU2NI	UN6T	WB4TDH
JH1TWT	K9XD	RN9N	W7WM	WB5JID
K1DT	ON4ATW		WD5K	
K2SHZ	ON4GG	276		267
K5RT		HA9PP		CT1FMX
K9US	280	K0TT	272	DL7BA
RU6L	AF9H	K3KO*	JA1ANR	JH1NYM
W1ECT	CU2DX	K8WK	JF1UVJ	K0BBC
W4YO*	DM5EE	K9MK	K1GG	K1FK
W9AJ	EA2IA	KD0Q	K4TT	K4JLD
WB6RSE	G5LP	OE2BZL	KB0EO	K8BN
	IK6GPZ	W5TCX	W1TYQ	OH2IS
285	JA2NDQ	WN6W		OZ3SK*
AD1C	JA9NLE		271	W4YV
CT1IUA	J12KXX	275	DJ5AV	
DL5WW	K8EUR	HB9DDO	HB9HFN	266
K1HTV	N6DX	JE7RJS	JA4PXC	DF2GH
K4NA	N8LJ	JE8BKW	K0DEQ	EA3WD
N5KM	US0KW	K0JUH	K5XX	IZ3ENH
NV9L		K3MSB	N7GR	JA0DIN
SP7ITB	279	K6SIK	VE3BW	JA4EPE
	4Z5MU	LB8DC	VK3QI	JA4IYL
284	DL4CF	N1RR	WB9CIF	JL1ARF
EU1KY	E72U	N5FG		K7GM
G4IUF	G4GIR	ON4ACG	270	N5OK
JA7ZP	HB9DDZ	SM4CTT	IZ8XQC	ND0N
JE1SYN	I4KDJ	W1KSZ	JA2THS	SP8FNA
K3WC	IT9JNR	WE9R	JA4FHE	W9OO
K8BCK	JA2AAQ		JD1AMA	
			JE2LUN	

265 AJ3K CT3MD EI6FR N4QQ N7KA SP1JRF W9YSX	UN7LZ W5LT W6RW ZS1LS	W4WM W8OI	K6FG N1EN NE8P SM4EMO SV1JG W3GQ W7KW	K8ROX K9OW LA0FA PY4OY RA5BM W0DJC WA6F WO2T
264 AB9V JA1FQI JG0CQK KB8VAO KD6WW RD3AW SP5IWA WX0V	259 JA9NFO JH1ORA JH9AUB K2LS K7NN N2TU* SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT EA5KA JA5BLB JL1RUC K3RA K8TL KE9ET N3QE N9FN VE7AHA W6NWS W7LR WD8PKF	250 AA4R JA1MRM JA6BJV JH4HMG K1HT K1VW* K5JZ LB2TB	246 E73Y G0BLB GM3PPE IK3SWB JA3GN JA3MNP JA7MOL N4TJ N5LZ N6UC UR3EO WX0B
263 K7BG K7EG KP2A N8OC NT0V* RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ	258 DM2DXA IK0AGU IK5DNF JA3MHV JA9APS JA9TWN K2AZ KR4F R9SA W4FQT W6VX W8LGJ WA9PIE WO7R	253 AA8CH DJ4XA DL5CW JE1BMJ JJ3HGJ K1LPS K1LT K3JT YO2DFA	249 AA1AC DL4SZB JE3ENP JH1OBS K0BJ K4XI K6AM KF8UN N4EFS RD3A W5ADD WA9CVK	245 DL1DA DL5EBE I0JBL JA6VQA K0II K4RG K6SRZ KA1J KB1JZU KD0PO PC3T RU6M SM4BNZ W2KKZ W2WG W3JX XE2X
262 K2NV K3KY K3LR K8GI K9IR WF4U WO2N	257 I2TZK IK2QPR JA7JWF K2TK K5WK NA2M* W0EWM* W0GJ W8HC	252 DL8OH EV1R HB9DHK JA2VQF JA7MA JF6DSZ K3ND K4FJ K7LJ KI5BLU N5UL N5XZ N9BX NU8Z OH1ZK PY2RO RU1AO W1YIF W5CIA WA8WV	248 AA4MM CT1FPQ DK3WW DK8MCT JA0GCI JA8RJE JE1LFX JE2LPC JH0BQX JN1RQV K4XD PA3EWP PY2KP W1VT	244 AA7G EI9FBB JA1IZZ JS3CTQ K6KO N5ZC SV3DCX W0AIH* WA3AFS
261 CU2AP JA2KVD K8VC LA3WAA W5XC W7MO W8HW	256 AC6HY G3VKW HB9CXZ K6RO N5GH W2FCR	251 G0EHO JA1WSK JA9FAI	247 F5CQ IK8EPC IW0SAF JA1RTX JA3APL JH3CUL JR2LJO K4WA	243 9A1AD DL1DUO EC3A
260 JF1WPB JF3LOP K1BD K3SV K5GKC N7NG	255 4O3A DF3UB EW4M IK0HBN JK1EXO JP1IOF			

240
AF4HX

237
BH4QYX
GM3YOR
HB9SLO
JA9AGN
JE2OVG
K1RO
K3FRK
K7PI
K8FH
KG6I
LB5WB
OE3EVA
W4ABW
WB8BPU

232
F3SG
HB9CQK
JH1HHC
JH4ALY
N2BJ
NX7K
RL3FA
S54A

228
DL6UAA
EA1DLU
EA8BYR
HB9CEX
HL2WA
I5HOR

225
AB0X
EA1AF
JA6BEE
JA8DRK

JE2EHP JH4PMV K0SD K9MMS KU0A N8KOL OE3SGU OZ2RH RU3A SM3LGO UA0BA W0AWL W0RX W6BJH WS5W	SP6M W3BW 221 A65BR AA5AU G4XRV JE6TSP JR6LLN KI0KB N0KV N4TV N9ISN OE1AZS OH1JP PA3CSR PY2MC W0VX WB3JFS WC4X WW3S 220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4JPD K4MS KL0S UN7TW W8RLS 219 JA2TBS JI4WAO K5VWW K6FW K8RRT KE9I SM0BYD W6RKC W7HPW WB8CQV 218 CT3HF DL1TRK JA2AHH K1XM KS3F S55DX W5FKX	217 AC9EM DJ9RR HB9IQB IK2ANI JA1GRM JA3LDH JA5JUG JR5JAQ K6DT KB2FCV KX2A OH6NIO UA3FF W1RR W6AUG WE1P 216 AB5C JK3BLD JR7FRW K1KA K1UU K8QM N4ONI N7TY N7UN UT3UZ VE7SZ W0DD W0SZ W4VIC W5VY YB5QZ 215 5B4AHJ CT1BWU DL1HRN DL1SMA JG3LGD K0LUZ K1GE K3XA K7ZA KF6HI LA7WCA N1GC N2WB PA0ZH VK3BDX W1AX* W3RJW W9ILY W9JJB WB8K	214 JA1OND JA2XCR JA7KY K5WAF K6ZZ K8DV K9NR KG9Z RU0SN W2AY YB0COU YO3CD 213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7LGE JG1DUZ K3OX K8KS N5BO N8II NN4R NR4M SP7CVW WW2DX 212 IK2SGB IV3VBM IZ5JMZ JA0DET JR3HZW K2AX K7VV K7WJB KJ9C NN4SS RD3BD SV1GRE 211 CT3DL JH4CPC JN7DOS K6NR K9TF LA6OP N2LM N4AA* PA7TWO RX4HW SM5AOG	W1AO W1WC W6SZN W8MET W9EWZ 210 AA8OY BH4IGO DJ5DT DL9FCY JG4AKL K4AV K7ORK KT2E N2NS N4TL N9JV W4WT W8KA WA5POK WB5XX 209 AC4TO AE0P DM1TT IW0HQE JA2ATE JT1CO K1IT K3GT KJ6NZ N3KS N4XP RU1AB SM3PZG SP6JIU UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E XE1KK YO2RR ZL2AL 208 EA8AXT GW3SFC IK0LNN JA1NWD JA5WIZ JA6WJL JH6JMN
--	---	--	--	--

K1NJ	WA4CEM	JR7XOD	W2PS	SM5CLE
K7ZD		K1JIU	W8FIB	TI5RLI
K9ZM	204	K4KGG	W9PZT	W4RDX
KA7T	AI6Z	K4OY	WB4YDL	WP3R
KR0P	IK0HFO	K8YTO	WD4LBR	YO9FNP
LA6UL	IZ0BVU	N8NN		
N3OC	JA8JO	N9SF	197	194
RQ3A	JH4FEB	TI5KD	JA1OVD	7K1PTT
SV1FKZ	KV4FZ*	W6AEA	JA2IYJ	AB9M
UW7UA	OH8NW		JA3CMD	AD7L
W2OO	SV1VS	200	K4CMS	JI1NJC
ZS6KR*	WA1S	DH0GSU	K6UT	M0CSD
		IK5CBE	K7UR	N1PM
207	203	IK5MDF	KA1ERL	N7BT
AA5AT	9K2OD	JA4XH	KD6UO	SM4CTI
DS5TOS	DJ3GW	JA7JI	KM4H	VK3NX
HB9BAT	EA8AKN	JH0RVY	KZ0X	W5CWQ
IV3TDM	HA7UW	K0KG	N0AH	W6ENZ
JF2WGN	IK4HPU	K5CD	N1RK	YT2AA
K1KO	JA3MHA	K7ZBV	N7HN	
K4YYL	K3OSX	K8ZH	NG0T	193
K7UT	N0RN	K9ALP	PZ5RA	DL9GTB
LA2PA	N6HY	N4MHQ	R9MJ	JA8UIV
LU6ETB	N8SNM	OH8LXT	W4GE	JE8TGI
N1QY	OH7TV	R3IS	W4UCK	JH1APK
RU9UC	SV9COL	VU2CPL		JR4LNG
W2/CT1GIF	VE6LB	W2OIB	196	K4JC
W5DAW	VE7UF	W5GZ	F5PBM	K5FZ
W6KK	WB1S	W8WRP	G3SVD	K6UM
		WD0DAN	JA1VLK	N1JP
206	202	WZ8P	K2BA	N5UW
AB0CT	HK1MW	XE1H	K4CM	N6PSE
IK5ZUK	JA8BNP		K5FNQ	ND5S
JA1FNO	JE1PHH	199	K8BL	PA0JSE
JA8XQI	JH4ADK	I4MKN	K9GA	SM7BHH
NA9RB	K2FW	IK5RUN	KK1W	SV1FJP
SP1DSZ	K6TAR	JH4GJR	NA2AA	SV2DGH
SP5ES	K6YUI	K1BZ	PY1OL	W1EQ
W1NA	KZ5DX	K2XF	UT7KF	W5WP**
W2QO	PY5CC	KJ6P	W2FV	W6RS
W7AL	SM5ENX	KX4TT	W2YE	YL3DQ
W9YE	SP9WZS	SM4BZH	W7AH	
	VE3YF	UA0SC	WT3Q	192
205	W2CG	W2GW	WV4TN*	AE6Y
JA0NZR	W5BPT	W3OA		I2YWR
JA1SKE	W8GNM	WC2K	195	JR3UIC
JA8EJO	WD9DZV	ZL4AS	A92BE	K0TPP
JH6PFY	ZS1A		AA8LL	K6PJ
JH7BKN		198	AC6T	K8UT
K2MYR	201	AK1N*	HB9DOT	N6PM
K5QX	CT3KN	DF7EE	HB9EFK	N9DED
KA8ZPE	F6ECI	HK4SAN	IZ2FOS	OZ8SW
KU4XO	G4XEE	K0DEW	JH1AGU	W3ABT
LU8EKC	I2MQP*	K5GH	K4MF	W4GIW
RT0F	JA1LSP	N7WS	N1NY	W4RFZ
W1SSN	JE1CTA	NA4EA	NA2P	W5ZO
WA0I	JG8FWH	UA3O	OH4UI	W6DR

WA4BIM
YO3DDZ

191
AD6W
IT9BLB
JA1PMN
K0GY
K1TO
K1ZN
K7FL
K9OR
KF0LA
KR2Q
KU4BP
NX1L
OH3OJ
PY2VA
SP5JXK
WB2AA
WC1M
ZS6WB*

190
AG1A
EA2AFV
EI2CN
EW3CW
JA2KSP
JA7SFD
JE8CLT
JJ1SKG
JR1MLU
K4JKB
K4MZ
KD2T
KQ4EE
N6GP
SM7GIB
SP3EPG
UA0FO
W7HR
W7SLB

189
AA4NC
JA1DM*
K2QMF
K8TVD
KO8SCA
N0RB
NI5F
PA5TT
RA3QUA
SM2DMU
W0YK
W2LE

W5KFT
188
4Z4DX
CT1ESO
IK4AUY
JA2FGL
JA8LRG
JN1GTG
K0TV
K7WE
KA4RRU
W7IV
WT4Q
ZL4TT
ZP5JCY
ZS2DL

187
HB9DHG
IT9CVO
IZ4DPV
JA0LFV
JA2VMU
K3PP
K4WZ
OM7CA
VE6SV
W3MR
W4LSC*

186
4X6ZK
G3NDC
HI3T
IT9GSF
IZ2AMW
JA9CWJ
JH2AYB
JH4CBM
JR1BLX
JR7MAZ
K2XB*
KI4DLS
NE0DX
OZ8RO
SM3PHM
W1ITU
W4SK
W5PF
W8JRK
W9DX
WA7TZY
WY1G
XE1J*

185
DK4TP
DL8PG
EA1KK
EW1P
JA1FJJ
JA3BXF
JA4KDT
JE2HCJ
JR4VMS
K0MD
K1RV
K3EA
K8RYU
KF9UG
NA2U
NA2X
W5QM
W8HB
W9FI

184
AK1L
DL6CNG
E21EIC
EA4CQT
HL3GOB
IK0EFR
IZ5RVG
JA6CBG
JA6TMU
K3GGN
K5KG
K8NK
N2RJ
PY2WC
SM5FWW
SV1IW
W1UE
W8OP
WA0RVK

183
DJ5IO
DL1KUR
EA1JO
EA3GHZ
EA8RR
F3AT
GU4YOX
HB9BXE
IC8TEM
IK5PWN
JA1DOF
JA8NFV
JQ6RUP
K8AJS

N6TR
N8HRZ
NA5Q
ON6YH
R0FA
R9JX
W6JTI
W8IQ
WA4TII

182
F6DBX
I5OYY
JA1DOT
K2HAT
K5UZ
K7UA
KE1F
ND3F
NW6S
NY2NY
SV2DCD
VU2NKS
W1PX
W5DNT
W7MEM
XE2CQ

181
AA4DO
EI2JD
IU0LFQ
JH1ROJ
JK1BSM
K1RH
KE4UW
KZ1W
OZ1IKY
UT6UA
W0GG
W8LMG

180
EC1A
I0OSI
IK7FPV
IK8YTA
JA4VUQ
JA6GIJ
JA7IC
K0LU
K2CBI
OZ7FOC
SV1BYI
W2KA
W5JAY
W5WQN

WE4S
WK7E
179
DL2CHN
DS3HWS
IW3GJF
JE3CYW
JF1RYU
JG3SKK
JH1RFM
K7ACZ
KA6BIM
KD8RQE
N1NK
N3NR
N6RV
N7TR
TZ4AM
W2WC
W5GAI
YO4DW
ZL1BYZ

178
I0MWI
IV3TMV
JE8LWZ
K9SG
KM6HB
LA8HGA
N0AMI
OE2SCM
RW4CY
VE6AX
VK4CAG
W5QP*
WA5IPS
WA8MCD
WB6CJT
WF2S

177
AA6RR
DL6LIM
DM2RM
I8LWL
JA1IOA
JA4DHN
JR6GIM
K0GD
KA2CYN
NJ3K
NT2A
NY3C
RA9SC
VE3OI

W9OSI	JG3RWX	JK1UVP	SM4OLL	N8PCN
WD9Q	JM1BPP	K1JD	SP5MXZ	OE3KLU
WQ7B	K3XO	K9RR	W1LE	OK2BUZ
176	K9HQM	KB9DAK	W9MO	W2YR
CU2CE	KB6CIO	KU2A	WA4AFE	W9HBH
E70A	KK0DX	N4UOZ	WB8BZK	WA0SXV
HI8R	KK4OK	SV1GYG	167	WA4VA
IW1QN	N4OA	W1OP	AA7XT	WA5LFD
JA1JAT	N6NU	W4CCS	CU3EQ	XE1MEX
JA4VLK	NF1G	W4NJ	DL3KZA	164
JA5SUD	PA2TMS	W7WZ	I0KRP	DJ1TO
JR3XUH	SV3KH	W9BEA	JA3FHL	DL5XL
K1RI*	SV9AHZ	170	JA9CG	EW1KP
K4VIG	W5JMW	BA4MY	JH1APZ	HA5BSW
KB4MRX	WB2WPM	EA2AA	JL2JVX	HA5WG
KJ7M	WV9L	IK1UGX	K2RU	IV3BKH
N3ND	173	JA3MF	KK4OW	JA9KRO
VE7VV	AA3LX	JA3RQ	KQ1F	JH1RGG
W1NT	AB2E	JA6SRB	LU2CC	JH2HFD
W3FI	G3UAS	K2RET	N4AL	K5IB
W3TN	G3WW	KD1F	R5QA	K9UQN
W5LO	IT9ODQ	KE1VT	RA3LAL	KA9OKH
WA1FCN	JA5NPV	KH2L	RL3AA	LU2DSL
WA1PMA	K0DD	N0ABA	W7JY*	LZ2ZG
WA4JQS	K1EO	N7KO	WA8CDU	N4ZY*
175	KI4GE	NO9E	166	N8OQ
JA5BGA	N0OK	PY2DS	DL1QQ	NA9Q
JH1DGQ	N5WA	W4HZ	HB9DVZ	PA0TCA
JH1IED	N8NA	WB6JXJ	I2DMI	RA3BL
JM2RUV	S57AT	YO2CMI	IZ4DIW	SM6WET
K0EOO	SM6CLU	169	JA7BEW	UN3G
K0KP	W3BJ	G3WGN	JF1LZQ	VA7QI
K4BYN	WA4DOU	I8DVJ	K5CR	VE1OP
KW4MM	WF4G	IK8GJR	K7JH	VR2MY
N2ZA	172	IT9AAI	K8ME	W1JA
N4PL	DF7GG	JE2UFF	KN6KI	W3HKK
N6PAT	JL3JTD	K3PU	W3BNN	W5RF
N6ZN	JR8AMF	K8OM	W9JA	W8IW
N7JB	K4WNW	KT1J	WB7QXU	WS1L
OE2GEN	KY6R	NJ6D	WC4B	XE1RBV
SM5CZK	N4JT	NX8Y	165	163
SM7NDX	N5ET	ON4ANN	AH0U	AA4FU
VK2DX	N6RK	UN3GX	AJ4A	EI5GSB
W7CD	N6UK	W5GA	FG8OJ	FG5FR
WA5YNB	W2NO	168	HB9MFM	IW0BYL
YB1UUN	W3FOX	DL2NOM	HC1BI	JH1UBK
ZL3JT	W3MF	EA5OX	JA8FFM	JJ2EMF
174	W4DAO	IK8VRH	JF3PNQ	JJ1BMB
DS4AOW	W4WJ	JA2FSM	JS6TWW	JR7ILA
IZ5BAM	171	K1ACL	K2TER	K3WGR
JA0KJD	DL7JRD	K5TN	K4WFM	K6LPO
JA1ILA	JA1QIW	K7HC	KS4YT	KA9UVY
JA8IUB	JH1WJR	KJ7TEA	LX1KC	KG8CW
JA9APM	JH3FHQ	N8AGU	N2GZ	NC4RB
				NY4G

OZ5NJ	W1LY	IK2WPO	155	153
VE3UZ	W4KA	JA1SHE	5T5PA	7K3QPL
VK6LC	W5VU	JA1TGO	9A1A	AA9GR
W8BBQ	W6YOO	JA2ITK	F6HLC	EB3CW
WA2UKA	W8CD	K3DFL	GM0AXY	F4FLF
WA8JBG	W8HMK	K4XU	I0LYO	G0VXE
YO3AIS		KK9H	IK2RPE	IK4HLO
	160	LA2GH	IU8FRE	JA0NPQ
162	AB4UF	N2ZZ	IZ7EVZ	JA1QOQ
E73D	DL7UPN	N4DWK	JA3XNH	JA2BUR
IK2VUC	F9XL	N9PGG	JH1VHU	JA7GYP
IK8UHA	JA0KJE	R7LP	K2DC	JH3HTD
IT9DAA	JA4HAW	RU3UR	KR6C	K1AJ
JA2NQG	JA5PUL	W1AW	LA2RZ	K1YT
JA8BZL	JA7XBG	W2RA	N1MD	K4EU
JH1DGJ	KI4WCQ	WO3Z	N3IQ	K7GA
K1DJ	KW4V		N4IG	KH6AT
K2AT	LB2HG	157	N8AYY	N2FF
K4MM	N2BT	AA4DD	N8WRL	NA6MG
K4YJ	N3RR	CT1DKS	N9XX	NK7C
K5RJ	N3XM	G4AFJ	NJ1H	NV4B
KT2C	ND6G	IZ0CKJ	OM8FR	OZ7DN
LU2AH	OZ4VW	JA2EJI	RN3QO	SM6AOU
N9OY	TA1CM	JH1SJM	SV8LMQ	SV8DOU
NA5Z	W0JM	JR1DUP	W0NFL	VE1DUN
W1YRC	W0KCJ	JR4VEV	W0VHF	VE3EK
W2OR	W6CUA	K2CDJ	W2HUG	VE3YXO
W5UE	WW4LL	K5DHY	W4HOG	W8MIL
W6DX	YO4AUL	K7LFY	W5ZPA	W8QZA/QRP
W6WA	ZL3RJ	K8WVA	W7IUO	W9GE
W8PC		N0VVV	WK4Y*	W9SE
WB0N	159	N4IQ	WO9S	WN9O
WW1N	9M6YBG	NY6C		
	DL1MEV	UA4PK	154	152
161	F5NBX	W4PV	DK3BK	AA4FL
AA8R	HB9DDM	W5PJR	G4FTC	AF2C
E74A	JA3NHL	W7RN	JA6GPR	EU1DX
JA1BPA	JH1ACA	ZP5ALI	JH7LBE	G3LUW
JA1MZL	JH1IAQ	ZS2EZ	K0THN	HA5PT
JA1SDV	JK1TCV		K4QD	IK0CHU
JF2VAX	JM1HJG	156	K6IPM	IZ4MJP
JF7RJM	K2TA	DK0EE	K8RF	JA3EOP
JH0NOS	K5RA	JA1QGC	KE4VU	JA9GPG
K0PJ	LZ2JF	JA5BZL	KG4CUY	JH2VVH
K3MD	N4QM	J11WLL	KK4HD	JR1WCT
K4HMB	N6MA	JK1UNZ	RA0BA	K4ZA
K8CC	NA6O	K6XN	RD9M	K9JU
KC6X	SP6AXW	KV4T	RT5A	KS4S
LA5SJA	W1GQ	N0STL	SM5BEU	LB7ZG
N3HBX	W7VY	PA7RA	SP6EY	N2SQW
N4TOL		SP5ELW	W2UB	SM2HWG
N6IE	158	W2FK	W2YK	VE7XT
N9JR	BA7IO	W7CA	W3KHZ	W0LYI
NJ7G	DL4NBE	WB2AQC	W4UEF	W1MR
NK0S	DL5KUA	WM0X	W5KI	W1NK
SM0DSF	DL9DRA		W6NK	W2TB
SM5ARL	EA3EQT		W8MHW	W3NS

W4NZC	N4PYI	N4NW	K4WES	YB2DX
W4TNX	N6WT	N6IG	K4ZRJ	
W7FI	ND0F	NG0G	K6LRN	144
W7IB	NU4I	NM1G	KI1U	AA0MZ
W7JET	NZ2L	NU1B	KK0M	AA6PI
WB0O	SM2GCQ	VE1VOX	KK6T	AB5A
WC3W	TF4M	W4MA	LX1CW	AB5GU
	W1JGS	W8WFN	N5CQ	EA7DUD
151	W4NBS	W9CSX	NO0B	F1RAF
EA7OH	W9GXR	WB2HJV	NY1V	HB9VAB
EI3IO	WA2MZX	WB3LHD	SP3F	IZ7AUH
EI9E	WA4MME	WS1E	VE3UTT	JA1UXC
HL2KV	WA9DU	WX2CX	VR2CH	JH1EIG
HP2AT	WB4JTT		W0MS*	JH2RMU
JA4EVN	WV2I	147	W0QQ	JH2XQY
JA6COW		AD6ZJ	W1NR	JR1IZM
K0LB	149	DK6OR	W2JLK	K7KB
K1PL	AB1J	DL6KY	W3DQS	KA0CDN
K1VI	AL7TC	EA5BZS	W4DEE	KE5PO*
K3FM	F6KOP	HL2EIZ	W6AER	KM8AM
K3NF	HL4CJG	IK1IYU	W6OUL	N1KC
K4ST	JA0LXP	IZ0BTV	W7TSQ	N4SC
KD4OS	JA1ADN	JA6NQT	W9MJ	N7OJ
KM1C	JA1SGU	JH8BOE	W9MR	N9KW
N3MK	JA4ZA	K2CYE	W9ZCL	NU4Y
N4HID	K0GW	K3PT	ZS6UT	NZ3O
N9DR	K4WY	K5TU		R7LA
NF4A	K8AV	K6ME	145	W2ZI
PY2IQ	KB1W	KB7V	AA0KA	W5BK
UA1CEI	KM2E	KD7H	AC4VM	W6BCQ
VA3XQ	N7MB	KN4PPD	DL2RD	W7QDM
VK2GR	N9IO	LA5XGA	DL7UGO	W8SAX
W4WW	ND3L	N7MQ	EI6IZ	WA1YTW
W8VVG	NI1L	N7TP	IK7YZG	WC4H
WA0ROI	NX2X	V51B	IT9ZZO	
WA2USA	ON5TW	VA3IC	IW0HOU	143
YO6HOY	SM5FQQ	W1WEF	IZ0NRG	AC6DD
	VU24DX	W4LEW	K1XV	A18P
150	W0UC	W6BK	K2SN	DJ3AS
AA4UC	W1DYJ	W7EYE	K4MV	IK2RZP
AL7R	W6RFF	WF5E	K4ZNC	JA6IVR
CT1FUH	W6ZO	WS1F	K5EWJ	JA7FWR
DK5RL	WW1WW	WT9U	K8SIA	JR1CAD
DL2JIM	YB2TX	ZS1J	KD5R	K2CS
DL2VPO			N4DJ	K4EB
DL7AA	148	146	N4UFP	K8ZZU
EC1AIJ	AB4SF	AA9RR	N4XYZ	KW9U
EI4BZ	IZ4AIB	AK5Q	NY9H	NA9A
HB9DQV	JA1CZI	DD0VU	SM7CQY	NW8F
IZ6ERS	JA6OXT	DK3QM	UA5D	OZ1HPS
JA0PE	J16IHG	F4GVO	W0SR	RA3CO
JA9AA	JN3RBE	IK0ZIO	W1ER	RX3BP
JE1VTZ	JT1BV	IK2DZN	W2FB	UA9AM
K1ZJA	K3NQ	JA1WTI	W3IZ	US2WU
K2OP	K4WJ	JH3FUK	WA5NFC	W1ENE
K4NC	K7CMZ	JH3GCM	WQ6Q	W2NRA
K8MN	KB1HY	K4MX	YB1RUS	W3DM

W5THT
W9HZ
WB2GOK
WC2L
WQ5R

142

AG4Q
HB9DVO
HL2DBP
HL3AMO
IK0WRB
JE2VLG
JH1BAM
JH1VUO
JH7LVK
K3SX
N1BZ
N4MI
VE6TL
W1DXH
W2TX
W9IL
W9ZJ
WQ8T

141

AA6RE
DF2UH
DL9ABM
G8AJM
HK3PJ
IK8PGE
JH6DUL
JH6WMJ
JJ1OKK
JP7FSO
JR7GBL
K0OK
K2HT
K3WWT
KD3HN
KE8UM
LU2BA
N4HN
N6AA
RW4NJ
SP7ICE
VE1JBC
VK6OZ
W0MU
W0RXL
W2HUV
WA4NUF
WE9A

140

AA4US
AB0RX
AD3C
AG5W
EA3CZM
ER0FEO
HB9HBZ
IV3VCS
JA3EY
JA7KQC
JE1DXC
JF2OZH
K4JWA
K5HK
KC2STA
KP4P
LU8ADX
N2PK
N3TR
N5QS
N6KZ
N6QI
NN7X
RA0R
SM0XBI
W2XX
W3AKD
W6GJB
W6HDG
WA2BOT
YL2AP

139

CT3DZ
JF0JYR
JF1WLK
JH0AWC
K3SW
K4KAL
KE4S
KH6DX
KL7J
KS3L
KV7N
LA9FFA
N1IA
N4QWZ
N8NB
NA7RH
NN6K
PP1CZ
VK5GR
W0TM
WB4CW
WF1H
XE1FAS

138

AA5B
EA5RD
EW1LM
HB9AZO
IK2HDF
JE0ART
K2MK
K2WK
K8OS
KE7LU
KF4VTT
N2KX
N7WO
N8GP
NN2D
NU1T
OZ0J
PY2DV
SP5IXS
VU2MSA
W0QD
W1ZZ
W2PP
W4DN
W8TM
WB2RAJ
WI2E
WN9Q
WT2P
XE1ILI
YO3VU

137

DL2VWR
EA4UV
EI8IU
HB9ACC
IK3DVY
JA1KPH
JA3WLN
JA5AFW
JH1ERJ
JO4CFV
K1EDG
K5ALQ
K8KI
KF6A
NA1DX
NB3R
NC6A
OE5JDL
SK0QO
UT4UZ
VA7XX
W0JMP
W6TK

W7KSK
W7QHE
W8UQ
WB2KSK
WB3D
WO5I
YV5OIE

136

7M4AOE
9H1AE
AB6BT
AG1I
CU3EJ
DL5SBA
HL4CCM
I1YDT
J68HZ
JA3UCO
JA7HRM
JA7NX
JA9GLW
K0SRL
K1SM
K1TWF
K2AJY
K4AMC
K4KAY
K4YP
K5YU
K8CS
K8EB
K8JE
KM1A
KO4PRE
LA6MP
N7NH
NE4A
NU1O
RL3BZ
W1FA
W1MRH
W2PD
W5JE
W6DCK
WB0TVY
WB3CQM
WD8LTM

135

AA4LR
AC5AA
AE4CW
AG7N
CT3CD
CT3FN
EA5B

G4FJK
HK6K
HL2CFY
JA1EMQ
JA3VPA
JR1JGA
K0FLY
K4IE
K5LC
K5QR
K7LY
K7WK
KN4JX
KO4PY
N3KN
N4CT
N4TD
N9MB
OE3EPW
OE6BME
PT7CB
SP7ASZ
W2DXE
W5BN
W6FL
WA3IIA
WA3PBL
WB2NPY
WK8A

134

AE5B
CT1BWW
DF3OL
DK2BI
HB0WR
IZ1JMN
JA2OLJ
JA8ALB
JE1WZB
JG3HBO
JJ1TKN
K0HB
K0XP
K8QKY
KC5LK
KF2TI
LA7EIA
N2NW
N3HYB
NC4RY
ND4V
ND4X
NH6T/W4
NW7US
OE1ALW
SM5CSS

W1OG	KF7F	W3ML	WK9U	KD2GC
W1ZS	KJ6Y	W4SD	WO5D	KE3X
W3KN	KQ5M	W7NP	WX3P	KE4BKL
W4UFO	KV4AA	W8FAX		KF2DT
W5DM	KW4CQ	W9UM	129	KL1V
W6EJJ	N2XQM	WA6TQT	AF4OX	N1BCL*
WA1NXC	N3ME*	WB0PWA	CX2CC	N2AJ
WA3SKQ	N4JQQ	WD8MGQ	DL3LAB	N4KM
WA7BNG	N6FS	WW1V	GM0CWR	N4MEC
WE2N	N6VI	ZS2Y	JA1KXT	N9JCS
YB1TJ	N8XI		JA7EU	N9LEO
	NA4CW	130	JA7JPZ	SM6DIN
133	NA4MM	7J1ADJ	JF7NNI	SV2JU
DL5JS	NG7M	AA9AA	JR0EQQ	VY2MC
DL8JJ	NJ9C	DJ4SO	K3VPZ	W1PNR
EA3CWK	S53MJ	DL9GCG	K6QU	W3EF
HP3TA	SM0MPV	DL9JI	K7VC	WB5NHL
IK6COX	UA3SAQ	EA8MT	K9FZ*	
IZ0GKB	UA9AGX	EC5A	KF4NEF	127
JA0AXV	VE7TK	F4WDL	LU2JCW	AA3AZ
JA1FUI	W0UVC	G8BCG	MW0CBC	AB2DP
JA2BL	W0ZT	HB9FBG	N4GBK	AI2S
JA6BF	W5RYA	HK3MCM	N7BD	DL5KUT
JH4RLY	W5WLA	JA4RED	PY2RN	EA6EE
JM3GXU	W7IU	JA8BAR	PY3SB	HA3OU
K2KIB	W9RB	JL1GYZ	UA0APV	HB9GWJ
K5ZQ	YB4CHP	JM1GHT	UY1HY	IQ2VA
K8KY		JO1ABS	VO1AU	JA1DIO
KO1H	131	K4ODL	W2EQ	JA1FHK
KZ9DX	AA4EA	K4VX	W4LIA	JH2PWY
N0TR	AC0W	K8YYY	W9RC	JH3PRR
N4AOE	DJ2RB	K9QJ	WA1ZIC	JJ6DGP
N8KU	DL2TOS	KC4AA	WA5NOM	JN1MKU
NC1M	DL4ZAB	KF7NN	WD5BJT	K0AZ
NT5O	EA2AGV	KP4DKE	WY6N	K3OK
NT9F	F2NH	LB8OH		K7PO
VE3SKX	IW2EQR	M0IKW	128	KD2SC
W6MVW	IZ3ETU	N1NU	4X4MF	KF8N*
W8JA	JA6JNF	N1SZ	7M4CLF	KW2J
WA6EZV	JF2QNM	N3AIU	A71AM	KX9X
	JL6USD	N4LUF	AG8L	N0ODK
132	JM1VRW	N4XMX	AK4AO	ON8VM
9AY2K	K1UM	N7TM	DL3BUE	OT1A
AA3TH	K6IPV	N8IL	DL6NW	W4GP
CT7ANG	K7LAZ	NC2Y	G4FKA	WA0WWW
DJ0AH	K8JP	PY2FN	HB9BOU	WA2ALY
DL3IAC	KK7YC	SM5BNK	HK3O	WA9BZW
DM5JBN	KM4A	SO5AS	JA0ED	WB2KSP
EA5DFV	KN7Y	VE3FRR	JA0EVI	WB8IZM
FG4NO	KR4BD	W0AD	JA3AYU	WC5E
I1CMA	KX6C	W3JXP	JE3BIQ	YT7T
IK4DCW	N0TK	W4NK	JE4CIL	
IV3TMM	ND7K	W4SW	K2QB	126
JH8JBX	NZ3M	W7FP	K4LQ	AD5WB
JI1MNT	OH2LU	W7LGG	K8ROK	DK3FB
JN3TRK	RU3UN	WB1DX	K8YE	EA4EPY
K4DSE	SM6VR	WC0W	KA1O	EA7JB*

EW4A	N3OUC	EA2AAZ	JE8IGW	KW1DX
G4NBS	N4ENE	HB9PUE	JM1ESG	N2KI
JG1SWM	PT2CSM	IK0WMJ	K7STO	N4TKF
JG3KLF	RT2O	IK1RLI	KC9WPS	N7WR
JH3GFA	SV1CQN	IK4BHO	KD0S	NY7T
JH4GNE	SV1EOG	JA2CXK	KF2OG	OE1HHB
JJ2KDZ	W1MJB	JA2JRG	KF8DX	VA7ZT
K4ZMV	W1XV	JA2KSI	KM4HQE	W1OK
K8FZ	XE2YWH	JA3AVO	KT8D	W3NRJ
KC8IVC		JA7FAS	LA6EIA	W4AEJ
KI3O	124	JA7KE	N4SV	W4EB
KI5GD	BG8PA	JA8EOT	NI4Y	W4NE
KK9T	CU3AN	JE1HRC	NU4B	W5AP
KS0M	F8EZE	JE3GUG	OZ3SM	W5FL
KS4XQ	G3VAO	JH0NBN	SM2EJE	W5MF
M0VCB	IK0OPS	K0KM	UA6LCN	W8PE
N2SG	IK4TVP	K1QN	VE7ON	WA6JA
N4LV	JA1TD	K3RWN	VE7VF	WW8RT
N4UW	JA2AH	K8GT	W1GF	YB1AR
N5JC	JE6UWU	KC4HN	W4AO	YO3JF
N6BDX	JM1LPN	LB5GI	W4PNY	
N6PEQ	K2WJ	N4BAF	W4RS	120
N8VV	K3GO	N6NT	W7BJN	DL1EV
NZ5O	K3LA	NS3L	WA6KHK	DL2VFR
OZ9GA	K4GO	NZ9Z*	WB1EAZ	IK7YCE
W1BYH	K4SAF	OH2BEN	WN0L	IZ5EBL
W4PG	K6SLO	PT7DX	WR2G	JA3BLN
WB2GAI	KB9S	VK2CA	WV1R	JF1EGO
WB5STU	KF1P	W0PE	ZS6IR	JG1WNO
WD8KND	KM1R	W2PSU		JH1LZU
WV1X	KN9N	W4GKR	121	JH6CDI
ZS1C	KP4MS	W6PH	AC6ZM	JI3BFC
	MU0FAL	WA8Y	EI8GS	JN4FNZ
125	N1YX	WB4GLI	F6FYD	K1TKL
7K1CPT	N3KR	WC4V	GM3WIL	K3SF
AD4AA	N6XT	WQ1H	HB9BOI	KD4POJ
DF3EC	N7AU	XE1EE	IK4TVQ	KF8HR
DL9BM	N7ELL		IK5BOH/2	KI4TZ
EA1P	NN4K	122	JA0MRW	N2CG
ES3VI	NS4F	9A3LYL	JA2ACI	N4PGL*
G0HIO	OZ9XU	AA7FL	JA8EIA	N5BA
G3XLF	SV2BXA	AE4M	JH1AEP	N5PA
HB9JG	W0MS	AJ8B	JH1SBE	N9AZZ
HB9JOE	W1ASB	BV1EK	JR4CZM	N9DJ
IZ5EKV	W5WZ	EA6LP	K0FG	NO2C
JA2QCX	W9ROG	F5RQQ	K0QQ	NW4M
JA6EXO	WA4QMQ	HB9BEM	K1MAA*	PY2SEX
JH0OXS	WA8RCK	HB9IIO	K3AR	SV3AQR
JH6WDG	WB4SON	IK6BOB	K3IXD	VU2PTT
K2PF*	WD6T	IV3BSF	K3JM	W0UY
K2ZZ	WR7Q	IV3KCB	K4GM	W4AFB
K5TIA	ZS6NJ	IZ8EJB	K6WRF*	W5CCP
K6BZS		JA0CIU	K8CXM	W5EC
K7QA	123	JA1CPU	KB8KIM	W5UQ
K8GWU	AB6CF	JA3EEM	KD8BZY	W6DE
KG5VK	AC4BT	JA6QHQ	KM7R	W6UA*
KM9E	DD0VE	JA8ZO	KT5X	W7HUY

W8BI	DF2UA	EI7GY	W9BB	WF4W
WD9FLI	DL2RUG	F4DSE	WP4CQ	WJ1B
WN7J	DL4FDM	G3PSM	WS4H	WQ5C
WY0V	DL5MX	G7SSE	ZL1ANH	WV4V
YE6YE	EI1DG	HL4GHT	ZP5FGS	WW0E
	G0MFO	IK0XIH	ZP6VT	
119	G3YFE	JA9IWR	ZS4JAN	115
AB4GE	G3ZEM	JH8KFE		AB0S
DS5ACV	G4CWD	JL3DGI	116	AC0B
EA5HM	GW0ANA	JR1SLU	4X1EL	CT1DOF
HA8UT	HB9DLE	JR6GHN	9A5SSS	DF8FT
JA0CVC	HL3ERJ	K0MP	AA5N	DH3KM
JA1DXR	I5CRL	K0PX	E77S	DS5DNO
JA7VEI	IT9IPQ	K4AR	G7IRN	E74K
JK7LXU	IZ0GYP	K4AU	HK1X	G0JJG
JM1GYQ	JA1SZN	K4IU	HL5BMX	I6DQE
JR2CFD	JA2NNF	K4SX	JA2DHG	IU8HEP
K0IIR	JG1LBN	K4ZIW	JA3UNA	JA1OVF
K0PC	J11FXS	K5GM	JO1LVZ	JA8GSN
K1FE	JR1PIZ	K6CF	K0BFR	JH1RVQ
K1LTJ	K1TU	K7CTV	K5VR	JH4VDP
K5VG	K3IZ	K8ZM	K7VS	JK1SAI
K8WHA	K5WE	K9AQ	K9GY	K0IL
KB4CRT	K6UXO	KA1DJ	K9LCR	K1HJC
KK4QN	K7UPJ	KE1IU	K9ZG	K4MIH
KR4DA	K8IKE	KG6D	KC1ERO	K4MIJ
KU8X	KB0V	KJ4EX	KU1T	K5AX
LA4C	KB1AWM	KM1H	N2SU	K5LY
LZ2HM	KB2XJ	KM4NS	N3ER	K8LBT
N0ATQ	LY3BS	KM5G	N4HGZ	K9EXY
N1DC	N1FOJ	KS9R	N4QVM	KB0EL
N2RR	N2TC	KU4V	N6NBB	KC2WUF
N3CW	N3MLV	LA2IR	NC6RJ	KE7PB
N6OJ	N3RW	LU4FW	NV4A	KE8NOA
NA2R	N6VH	LX2PA	OH1NSJ	KK0T
NK7Z	NA5S	N0IW	PA2R	KK5OQ
SA0AQT	OE3JAG	N7WI	SM1NJC	LT1F
SK6SJ	SP7QHR	N8JK	UA1OM	N0OP
SM6NJK	TA1L	N8WXQ	VK3OT	N5OP
SV8QG	VA2IG	NC8I	VU2ABS	N6DHz
VA3HP	VE3PNT	NL8F	W0ANZ	N7NF
VA3OKG	VR2PX	NW2I	W0QC	N8SHZ
VE4JBB	W4SKW	ON4AGX	W1GWN	ND4Q
VR2XMT	W5SJ	PT2BW	W2NY	NK2H
W3ACO	W6GM	SV2CLJ	W4ARK	NS4X
W5UHQ	W6WF	SV3RKM	W4CZ	PV8ABC
W6IS	WA3GM	TA1AL	W4DFU	SP9IZV
WA3YZD	WA4USA	TF3DT	W4DWS	UU1JA
WA9JWL	WB4PWZ	UT2VC	W5WS*	W2HAZ
WB2ZAB	WF8R	V51YJ	W7RR	W5GO
WB3BFC	WZ6Z	VE7ACN	W7VJ	W5HNK
WB9WHQ	XE1R	W1UN	W9WO	W6QON
WD4IXD	ZL3AFT*	W3WN	WA2EOV	W9RXJ
ZL1WG	ZS5LEE	W4OWY	WA8LOW	WA5CMI*
		W6KR	WB4DNL	WB2P
118	117	W7XE	WB8FIW	WN1M
AA4NG	AJ8MH	W8VK	WC2C	YO3HOT

114	A92IO	F1ICS	AC0X	WA7HQD
AA4H	AA8KY	G4DBW	AI1W	WB8TGY
AD4XV	AC9X	HK4EB	AI4WW	WD9IOK
AD4YQ	AK1P	IK0UTM	DK9WZ	WE2L
AK3E	EA2J	IW1CAB	DL1DH	WF2Y
BA4TB	EA8TZ	JA0HC	EA4EJP	WO2Q
CT1ELF	F5NNN	JA9RT	EU1TT	WQ5T
HL3DE	G4RGK	JH8FIH	F4DVO	WZ1Q
IZ5GST	HB9HHH	JQ1YIW	G0THF	ZP9MCE
JA2LHG	IZ0FUW	K0UBR	HB9LAK	110
JA3VUI	JA2MNB	K1KOB	HC1HN	AD5MD
JA7MAD	JA4JSV	K2DW	I2QMU	AD8NQ
JE1LPZ	JH3GRO	K4NTO	IC8SQS	DF1JM
JK1MZT	JJ2VLY	K4TG	IK2PZC	DL2AMD
JR1ATQ	K0HD	K4ULA	IU8IYE	DL4IW
JR1EYB	K0XM	K6EGW	JA3HBF	DL8XDA
JR1VAY	K1XE	K6LD	JA3QOS	DM3XRF
K0BRO	K2SD	K6MKF	JA9FO	DS4CNB
K1QQ	K2TG	K7DS	JA9IFF	G3WXX
K4TXJ	K6OJ	K7SX	JE1GWO	HB9AGO
K6GWN	K6ZP	K8LE	JH8GEU	IZ8EKL
K6PT	K7PT	K9UVK	K0RW	JA0JPD
K8AO	K8SM	KD9ZR	K1VMI	JA0UMV
K8CQ*	KC2SST	KP3R	K3GW	JA1EMK
KM3J	N1ZJ	LU3XX	K3HW	JA1KZP
KX2S	N6RC	N1BB	K6DJ	JA2KTP
LA4JGA	N8RF	N3NO	K8CCV	JA4HXF
LA4RT	N9RE	N4WOT	K9ARZ	JA6ENL
LA4WJ	NJ0F	N5RN	KA4H	JA7GAP
LA7QI	ON6LY	OH2LHE	KB0HJ*	JE3CHA
LA9XGA	ON7BJ	OZ7QB	KB2HK	JF1KKV
LU1FM	VE7BZ	PY6TS	KI7M	JM1GAW
MM0BQI	W2CQ	R3BB	KJ4YLO	JP1NWZ
N2YBB	W4CC	R7NA	N1KM	JR0QFA
N4KEB	W5RDW	SP1NEN	N2FY	JR1RCQ
N6RJY	W8AEF	VE3GFN	N3BOB	JR2PZX
N8AID	WA1EHK	VE7NY	NC6K	K0HP
N8KUS	WA2AOG	VK7ZE	NE1RD	K1LZ
N9NB	WK1Q	W1RG	NN9X	K2GLS
NG4C	WW5L	W3DIY	NR5R	K3EE
NR0T	WY7M	W4EJG	OE1JIS	K4AFE
ON6KE	XE2MX	W4JVN	RV3GW	K4DET
PP2FN	YB0EIN	W4UAT	SV1XV	K7JI
PV8DX	YE1AR	W5FPT	UA6MA	K8BB
W4TTY	YV4DYJ	W5MJ	VE3EDY	KA1API
W7BV	112	W5TFV	W1HEO	KB2RA
W7HJ	7N4OBV	W6CN	W3WH	KB4FXE
W8UMA	AA3K	W7QC*	W5SUM	KB4KBS
WB9MSM	AA7UN	W9LYN	W5WI	KB5GT
WD1M	AA9WO	WB4CTX	W6IHA	KI0I
WG0G	AC9O	WB4FNH	W6ZPL	KK4TK
WN6K	AD1S	WX4TM	W7AM	KM5VI
WR2V	DF2WF	YU1GM	W8QWI	KS0Y
113	DF5CD	ZS6NK	W9GG	N2KW
4Z4KX	DJ7JC	111	W9KX	N4ANV
6K5AQY	DL8DYL	8P6SH	W9MMZ	N4CO
			WA6URY	

N7VPN	K7CU	JA5OP	DL6ZNG	UR4IOR
NE2V	K7IA	JG2LGM	DL8DWL	VR2XYL
NU0Q	K7QBO	JH1AQN	EA1AA	W1XY
NW6V	KC5LT	JJ7XTV	F8DZY	W3UI
OZ9U	KD1AB	JR3QHQ	G0RPM	W3UTD
R0QA	KD4W	K1KZ	G3RZP	W6BBS
R6AZ	KE4KMG	K4DB	HA8UB	W7SMW
SM0CXU	KP4AH	K4JDV	I4FGG	W8LWU
SV8RX	N1UZ	K5LA	I5XFD	WA2PNI
TF1A	N9BVA	K6NS	IK6CGO	WA9IVH
VE2GHZ	ND1T	K6XJ	JA1ASO	WB9UQE
VE3YV	NN4RR	K8ZT/QRP	JA3GAK	WM4AA
W0QL	NR3Y	K9AAN	JA7XRO	WY9V
W0RI*	NX3A	KD4RH	JH1XFR	YB0WWL
W0VM	OZ6PI	KD4SN	JM1JZN	YO5OEF
W1KDA	R2ARR	KE9XN	JM7TKK	
W3SB	SV3EXP	KK8MM	JP1GUW	106
W4GF	TA6N	KM4AF	K2GW	AA5H
W4PGM	TF3JB	KX5V	K2IE	AB6FI
WA1W	VK2DAG	MM1PTT	K2WR	DL7AB
WA4RTE	W1RH	N1HO	K5ZO	DM3CW
WB2UFF	W3GP	N1TA	K6AHG	EA2CLU
WB8EKG	W5XU	N8KOJ	K8POM	EA3LX
WY4I	W6EKR	NN7A	K8ZEE	EI4DQ
XE1L	W8EOG	NT6AA	K9XR	F5EOT
YB4IR	W9KM	OZ10XQ	KA5JSM	F5RZJ
YV5LI	WA4YYM	PJ2HB	KA6V*	GM0NAI
	WA7BNM	PV8RR	KB5HC	GM1TBW
	WA8LRW	S51DD	KE6V	HB9ECS
109	WI7N	SP5LKJ	KI0G	HB9HFM
AA4MD	WY7FD	TF3T	KI2D	HC4L
AA4ZK	ZS2ACP	VU2IT	KI7HO	HG6IA
AA8BN		VU2OT	KM2O	HK3J
AA8SW	108	W0LGQ	KM4FI	HL1XP
AF8C	7L3SQL	W0YDB	KN6VTC	HL4CBX
AJ9K	9A3ST	W2GHD	KP4N	IK5TBK
CT1CQK	AC7ZG	W2ZK	KR9A	IS0AFM
DL1TPY	AD7XG	W4EW	LB8CA	IZ4COT
DL2RTL	AE4VJ	W4GD	N2RD	IZ8EYN
DL9QJ	CO7RG	W4PGC	N3YZ	JF1CZQ
EA3BL	DH4RL	W4WNT	N4KZ	JH8DEH
EA3GCT	DJ5EY	W8LYJ	N4WD	K0CF
G4EHT	DL3ANK	W8ZR	N5PO	K0GEO
G4UZG	EA5DKU	WA3FRP	N5TF	K0GK
HB9DRS	EA8TK	WU4B	N6ER	K0HQW
IK0XKP	EI2IP	WX0Z	N6JM	K1EP
IZ0FYW	F1OBJ	WY2E	ND9M	K2JK
JA0HXV	F5UJK	XE1OX	NF7D	K3LL
JA6JYM	G0KHO	YB1RKT	NQ2O	K4GZ
JF6AKS	G3VXJ		NQ4A	K4RP
JI4HKA	G4SSH	107	OH3FVP	K5MMH
JI5RPT	I7PXV	AE0MO	OH3PYY	K8CJY
K0MFI	JA0DBQ	AI9U	OZ2TF	K8FB
K1RY	JA1CJO	AJ4IM	SM3JLA	K9SUH
K4BNF	JA2CPD	AK9B	SM7TZK	KB9AIT
K4QE	JA2VHO	DK3TL	SV2DSJ	KC4DM
K4RDU	JA4CZM	DL2KUA	UR4CW	KC4PX
K6JJ				

KD3UY	DL6DK	VE3DS	K0FF	DL1SVA
KF0RQ	DL9NDV	VE3MSK	K2DF	DS4DBF
KF8VX	EA1AZ	VE9RJ	K2RNY	EA4S
KJ6ZH	EA1T	VY2RU	K4KFH	EI5GM
LY2PAQ	EA3NG	W1DAR	K5RKS	EI8IQ
LZ1HY	EA5XV	W1KMA	K6JAD	F3SJ
M0RTP	EI9FVB	W1USN	K6MYC	G3LAS*
N0MR	F8GB	W3DAD	K8TS	G3VDB
N3TTT	HB9CA	W4CU	K9BJM	GM4ELV
N4LB	IK2DJV	W4RQ	K9JDP	HA0IT
N4ST	IW5EIJ	W4WIV	KA5RNH	HL9HH
N4WMB	IZ5IMB	W5ADH	KE1B	I0BJV
N8TFD	JA6MWF	W6SIY	KF6E	I6XGZ
N9OK	JG3KMT	W7MD	KF8AR	IS0/YO3RA
NK7L	JH1OGT	W7VS	KH6XT	IS0MVE
NT4K	JH2AHZ	W7ZMD*	KI4RD	JA8AQ
NZ0O	JH3AEF	W8EH	KK4MA	JA9IPF
OE9SLH	JS6QOM	W8PAT	KS8W	JE4FNC
OZ7BQ	K2IUK	WA0GOZ	LA3ANA	JF1MTV
PY2CP	K4RM	WA4HXC	LA9VBA	JH2CYU
RC3D	K4VMT	WA8A	LZ1SW	JH5OTE
RV6ARZ	K5FXB	WB0CHS	N3COB	JH7WQX
W0TF	K6EGF	WB3AVD	N3PS	JK2VOC
W1EBM	K7AWB	WB4KZW	N3STZ	K0BX*
W1ECI	K7KJ	WB5IUU	N4PF	K1FUG
W1PY	KB1OIQ	WD1X	N7YQ	K1HDO
W2IY	KB8ZUN	WK1J	N8PE	K1ROA
W4LZW	KE7UL	WO7V	NE6V	K2YEH
W4OEP	KE8G	XE3ARV	NY2E	K3GP
W5GML	KJ6YK	YO6BHN	ON6NG	K3HPA
W5PD	KL7XO	YU1LD	PY2OP	K4KZM
W6TGI	KN7K		RW3QHN	K4MQL
W9FY	KO4XM	104	SL0AS	K5NV*
WA3DCG	KR4U	AA6PG	SM5NAS	K7RAN
WA6HBR	LU9DO	AA6XV	TI4SU	K8CR
WA6VZN	LX1EL	AD0TR	VR2KF	K8TLC
WB8RFB	LY3BA	AF6O	W1TW	KA2F
WD3P	N1XL	DS3EXX	W5NX*	KB1CQ
WI7P	N2PL	EA4DEI	W6FUV	KC1XX
WS7W	N3AS	F5VML	W7TUS	KF8PD
XE1V	N3ZA	G4GEE	WA4TMJ	KI0KN
YB0JH	N4FN	GU0SUP	WB6MBF	KI5GF
YC0LOW	N5OGP	HA0EQ	WB9TFH	KN4T
YO3NL	N6DW	I3DUB	WQ5G	KP4GC
ZL1BBW	N6VNI	IK4QJH	WV8DX	KS4Q
ZL3PAH	N7KDT	IV3EHH	YL2IP	KT6LA
	N7NM	IZ8FDH	YO3GJC	KV8P
105	N9AX	JA1KXY	YO5QAW	KW9K
7L2QAD	N9PL	JA2DCN		LU5OM
9L1JT	NS7K	JA3MIO	103	M0PCB
AA4UJ	OV5O	JA4AO	9M8DEN	M5LRO
AA4XR	PA2SWL	JA5EEU	AC4CA	N1KI
AB2NI	R3LO	JA7TQK	AF3X	N2QLT
AC5O	RA6XV	JE4WOK	DJ3NK	N2ZL
AH7G	SM0EUI	JO4JDU	DJ3XG	N3NVA
DJ8KM	UQ2GM	JQ3TAN	DK7VW*	N4LS
DL6DCD	VA7DX	JR2PAU	DL1ET	N5RA

N5YY	EI5JL	N9HUK	HI3I	VK3FNJ
N6IBP	F4HAB	NA3M	HL1SX	VU3CAU
N6MXU	G0UGO	NG4P	I2YPY	W4BH
NA8W	G0UII	NI7F	IK2WSO	W5TSB
NM4Q	G3JFC	NX3Y	JA1BJI	W5TUF
NX1P	G4AYU	NZ3L	JA3WMS	W6QL
RA3LD	G4DDL	PF7M	JA5ALE	W7WT
RM4C	G8GNI	PJ4/NA2AA	JA5XPD	W8JY
RZ6LB	HB9TJG	PR7AB	JA8ANQ	W9IE
VE1GBD	HC1HC	TF3VS	JH2AJY	W9QO
VE1HA	I7LGM	UA2CZ	JM1SMY	WA0GUD*
VE3GLA	IK2ECP	UN7BK	JR3TOE	WA3YGQ
VE3MIS	IK2UVR	UX4UM	K0HIP	WA7HR
W1VEM	JA3VQW	VA1SEA	K0SQ	WD4OHD
W3ATV	JH1GNU	VA7FC	K1JE	WF3M
W4TJE	JJ1KZZ	VE3KKB	K1YA	WF8Z
W5SG	JJ2BLV	VR2ZXP	K2KNB	YB0AI
W6OP	JO1MOS	VU2LBW	K2RB	YB1AYO
W6SA	JO3WHB	VU2MB	K2UT	YB1TQL
W6SFK	K0GX	W0FF	K4CNF	YL7X
W7IH	K0ZM	W0PXM	K4TOR	ZL2LW
W7PC	K1CN	W4PM	K8ARY	ZL3NW
W8KTH	K1HC	W5TZN	K8ESQ	ZL3TE
W8LAQ	K2FJ	W7JWM	K9EA	
W8MSP*	K2MHE	W7YED	KA1NCN	100
WA7IHN	K3IU	W8DN	KA4IWG	5N0ETP
WA8MOA	K3UT	W9JJ	KB5NJD	A41ZZ
WA9BXB	K4CKS	W9LU	KB8DID	A71UN/P
WB2EBS	K4NI	WA8COB	KC0V	A71XX
WB2GMY	K4OP	WM0G	KD0AA	AA2MF
WB3HLH	K4VUD	WS7I	KD1YV	AA2T
WB5TOI	K5GZR	WV2M	KE9UA	AB4KJ
WB8PKK	K5PV	YL3GDM	KJ4FZ	AF8P
WD4AFY	K6VMV	YO8PS	KK4ODQ	AI4EY
WE9M	K9QA	YV1AVO	KM4EX	AK4N
WK5X	K9WA		KQ5S	CT7BQH
WN5K	KA4JNB	101	KU9S	DG0OAT
YB9AY	KC3AK	5P5Q	KZ1X	DL2YBG
YC6JRT	KC4GKY	AA2VG	LA9JKA	DL3XAC
YO4AUP	KD2SY	AD7Z	N0IRM	DL6ZBN
YO4CPO	KE3ZT	AF3K	N1GNB	DO2UDX
ZL1ANJ	KE5FXE	C93PA	N3CAL	EA2RY
ZL2AO	KK4CLY	DJ3GZ	N4VG	EA4D
ZS1DX	KM8V	DK8IZ	N6RVI	ES7GN
	KM9Y	DM5TI	N8LIQ	G4PUQ
102	KU0S	DO5SB	NE5W	G4SGX
AA1DN	KV1M	DS2BGV	NK6O	GI0VJE
AA1IF	KW4BY	EI3ISB	PA1NHZ	GM0VIT
AB5YI	LA9PHA	EI6GF	RW9LL	HB9CZF
AC8TO	M0LUX	EW2CR	SM5ACQ	HL4XM
AD5BV	N1EDN	F2AR	TF3IRA	I8YAV
CT1YH	N1IN	F6ARS	UA3FT	IK2HLM
DK1IP	N2MG	F8DHE	UA3UCD	IT9KHI
DL2XN	N3DAP	G4VWI	UA9CIM	IZ4IRO
DL5PW	N4DJT	GW4TSG	UR3HC	JA1BDF
DM6MA	N4PAJ	GW4WND	UY5AR	JA1EYN
DS5JMG	N8WL	HB9BNQ	V31CQ	JA2ODB

JA3BKP	N5CR	WB2MKX
JE0HUR	N6DKZ	WB4JPG
JF3MKC	N7ZT	WB6RAB
JH1HRJ	N8IBW	WD0AJG
JH8CFZ	N9AKR	WD1Z
JJ1IRS	N9XG	WI0E
JP1LRT	NA9L	WK3A
JR1AHH	ND4K	WM1L
JR1HYA	NE3K	WM4W
JR1LZK	NJ4V	WM9Q
JR3ADB	NO2EL	WO1X*
K0MB	OM4KW	WX2U
K0NV	OZ1ZD	YB0MWM
K0YL	PA3GFE	YB1BML
K1YWW	PT2ADM	YB2IQ
K2ITT	R3DL	YB2TS
K2RKJ	RA3UT	YE4FNN
K2ZD	RA6XB	YO2OXD
K3CWF	SM7DXQ	YO6HSU
K3RRR	SP5BMU	
K3SUK	SP5ZCC	
K4AEN	SQ5M	
K4HEB	SV8RMA	
K4LRX	TA2AD	
K5HX	UA4PT	
K6JBH	UX5XK	
K7NW	VA2GA	
K8MRT	VA3VF	
K9CHP	VE2ACP	
KB2S	VE3FAC	
KB3KJ	VP5JM	
KB4CP	VR2IL	
KB4FB	VU2DED	
KC8YG	W0GXA	
KE5MMT	W1FP	
KF9WV	W1KQ	
KG0KG	W2FS	
KI4R	W2RL	
KI6PG	W3EP*	
KJ4UZU	W4MIR	
KM4CQG	W4PH	
KM4VI	W4UT	
KN4OK	W4VG	
KU4A	W4YR	
KX5U	W5IO	
KX7L	W5WP	
LA8W	W5WS	
MW2I	W6KAP	
N1GFV	W6OU	
N2JNE	W6PG	
N2XTT	W7NUW	
N3MX	W9COS	
N3PV	WA1DD	
N4GOA	WA9EZT	
N4MTT	WB2AMU	
N4UP	WB2BXO	
N4UY	WB2FKO	