

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 28 Apr 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 RTTY 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	K4PI W3LPL	W3UR	K3UA W1YY	EY8MM I4EWH JA5AQC	N8JV OZ1CTK RA3CQ
357 W1NH	347 JA4DND K4DY	341 DJ6RX OH5VT PY2XB	336 HA8IE JA2WYN N3XX	OE6IMD UT5UIA	SP5CJQ YO3APJ
355 EA8AK	OZ1LO SM4HCM	SM5CEU SM6GZ W8UVZ WB9Z	SM3GSK UR0MC UT5UGR	331 K1UO N1RJ N8DX OK3GU RA7A SP7VC	328 G3KMA GM0GAV HA5WA I5KKW I5NPH IK8HJC JF2MBF
354 K4MQG K5UR OH1XX	346 I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	340 JR3IIR KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	335 JA1BK JA8EAT N2TK UA6A W4VQ WA4FFW	330 9A7V G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV OE3GCU RU3DX SV1FJA VA3DX W2YC W5ZN	K0SR K3FN N2LT N3SL N4CH R3OK SM5KNV SP8AJK UA3DPM W3NO W5EU
353 JA1ELY OH2BU W9ZR	345 4X4DK K4CIA N0XA N4CC	339 JA5AUC K4ZW OH1MA UA3AKO	334 DK5PR F6BKI GM3POI JA8DNV K0KX KF2O NR1R OZ1BTE SP3EPK W0BV WD5COV		327 DL1RWN EU7A K4UTE N2QT RZ3AM S58T SP3E SP7GAQ W8AV
352 N4WW W1JR	344 SM5AQD UA4HBW W7UT	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T R4GM W4QCU	333 IK4WMA JH4UYB UA3AB		
351 K2TQC SP3GEM W1NG	343 K8MFO LZ2DF SM3EVR			329 AA1V CT1EEB DJ2YA EA6SX F5NTV G0JHC IK6DLK JA1HGY JA4LKB	
350 SM0AJU W4ZV					
349 HA0DU SP5EWY W4AG	342 JA2JPA K4ESE N1DG PE5T R7LV W1MK	337 JA3FYC	332 DL4MCF		326 HB9BGV

JA6BZA	W0FLS	318	313	309	G0DQS
JG3QZN	W4DKS	JR3GWZ	DF4PL	DK1FW	JE2URF
LA5HE	WX4G	N2NL	G3LZQ	IZ5DKJ	JH2UVL
N4XU		OK1AWZ	HB9AMO	JF1PUW	K0EU
PY2YP	322	SP6CIK	IK2YCW	JH2FXK	K1DC
SL0ZG	IK1GPG		JA7MSQ	KG7H	K5AQ
VE7SV	JA1XEC	317	JR7VHZ	N4II	N1SV
	K2FF	DL7MAE	K1MM	OH1LEU	N4DW
325	K4QL	HL3IUA	K1ST	SM6DHF	W3AP
AA7A	K4SO	LA5IIA	SM6CMU	W0VTT	
AG9S	K8GG	ON7TK	W5OZI	W1DIG	304
IK4DRY	R7NW	S59Z	W7OM	W4UM	AD5A
IK5HHA	SP9DWT	UA3AP		W9RN	I4LCK
JA2QPY	UA3LAR	UT9FJ	312		JF3KON
JA3EMU		YO9HP	DK5WL	308	K3WW
K5BG	321		G3TXF	DJ5FI	N4AH
N4PQX	E72A	316	G3XTT	EA9IE	N5AW
OE1WEU	EA5BM	AA6YQ	JA5IU	EI7BA	NI0G
OH2FT	F6BEE	DL1DUL	K5EJ	JH4ADV	OK1MP*
PA3FQA	JA2JW	G4PWA	K5KC	JJ3PRT	ON4IQ
R7AA	K1ZZ	JG1ULJ	K9NW	K3JGJ	RA9CMO
SP3IBS	K4XP	K9FD*	K9RX	K5ZK	SP9JZU
SP8NR	N4XM	N7RT	LZ2JE	N4MM	SV8BHN
W1GL	NO8D	SV1RK	RK4FD	N5UR	W3GG
W9RPM	UT7UJ	W6XA	RX3AGD	SM6CCO	
YU1FW	UY5ZZ		SP1S	W1TSP	303
		315	VE2TZT	W2RQ	HA7TM
324	320	AA1QD	WK3N	W7AO	JR1TNE
9A2EU	G3TJW	DF3GY			K2CL
IZ0AEG	K1AR	G4CCZ	311	307	K3UL
K2RR	K8PT	K0IEA	DL2OE	JA2JNA	N4DB
KD5M	N0AT	K5DU	IK4CIE	JR4OZR	N7FU
NJ6P	R9FM	K5OVC	JA0UUA	K0KT	W2LO
OH1TX	RU3FM	K5XI	JA1SYY	K3YA	W4DC
PY2BW	RY9C	N8PR	K2UO	K4SV	WA2VYA
R7DX	SM5BFJ	OZ1ING	KW9A	NQ1K	ZS4TX
SM3NRY	SP5DIR	PY5HOT	LA7JO	OE6DK	
SP6HEQ	SV8CS	R3VA	N8TR	R9TO	302
UX1UA	UA4LY	RX4HZ	ON4AOI	VE3XN	DJ4AX
VE1YX	WI8A	YO5BRZ	RN3QN	W3LL	EA4KD
W4PK				WB8ZRL	JA1KQX
	319	314	310		JA9FPI
323	AA4V	AA4HP	DL5DSM	306	K1FZ
CT1APE	F6AOJ	JA2FBY	EI6S	DJ8NK	K5KLA
EA6NB	I0WDX	JA3PIS	JA1EOD	JH3VNC	K5MC
HB9BIN	JA3CSZ	JH2TPI	JJ2LPV	K5EK	N4NX
HB9RG	JA5MHD	K6XT	JO1WKO	K8SIX	R8TX
JQ3DUE	K4IQJ	K9CT	K2RW	WB3AVN	SM6BGG
N0RR	K6EID	N5DG	K2UU		UT2UB
N3NT	N9US	OE5KE	K4XO	305	W8GC
RV3LO	R5AJ	SM6CTQ	K9ZO	AC4G	
UA3AGW			N8RR	F6BLP	301
UA6MF				FK8CP	DF2IS

DJ9VA	N5TY	LA2XPA	289	W0MHK	281
DK2JX	R5DT	LY1G	9A4W	W1YM	DK2NG
EA1YO	SM3NXS	N4QS	JA2XYO	W4FC	EA6ET
I1EIS	SM4DDE	N5ZM	JA4DLP	YS1RR	K1OA
JA2DPC	W1RM	OE5FIN	JF2UPM		K3PA
JF8QNF	W9IXX	OH2BLD	K0XN	285	K4NA
K2TE		R6AF	N1AC	K1DT	ON4ATW
K5UO	297		N8BM	K5RT	W9AJ
K9MM	AB6QM	293	OM4EX	N5KM	
K9NU	DJ9HX	AD5Q	SM0CCM	NE1B	280
KE9L	DK2GZ	IV3YYK	SM6DHU	NM6V	AF9H
OE1ZL	EA3GP	JA2ZL	WP4U	SP7ITB	CU2DX
OE5NNN	F6EXV	JK1OPL		WB6RSE	DM5EE
VE3EXY	K4MWB	K8FL	288		G5LP
	KX4R	NI6T	9A2JK	284	JA8ISU
300	OE2LCM	SP3CGK	9A4T	AD1C	K8EUR
F6DAY	ON4IZ	VA5DX	IZ1LBG	G4IUF	N6DX
IZ8FFA	OZ4O	VE6WZ	JA2FJP	IW1ARB	NV9L
K4CN	W7DO	W1BR	JA3AAW	JA7ZP	
MD0CCE	WA7NB		K9KU	JH1TWT	279
N0AV	YV1DIG	292	KC7V	K3WC	DL4CF
N7US		K1LD	KN5O	K8BCK	E72U
OE8HIK	296	K4ZYU	NK1K	KA9CFD	I4KDJ
PY7DJ	I1FQH	K9EU	SM5CZQ	PY5EG	IT9JNR
RA0FF	JA7QVI	SM3VAC	W1MU	UN7JX	JA2AAQ
UA9FAR	JS2LHI	SP5GH	W2IRT	W1ECT	JA4DEN
W1CU	K1DG	UR5EDX	W6XK		JA4FKX
W6YI	K2SY	W2LK	W7ZI	283	J12KXK
YO7LCB	LA8PT	WA3C	W9MU	AA1ON	KF0QR
	ON4CD	291		DL5WW	N8LJ
299	UA3TT	DL5AN	287	EA1N	SM5FUG
AI9L	W3KX	EW2A	EA6VQ	G4WFQ	SP1MGM
I0KDF		JA2IVK	F2JD	JF2XGF	W1ZK
K6ND	295	JF7XKY	JA3AZD	K0CS	
K8ZTT	AA6AA	JH0INP	JA6BZI	K1HTV	278
KC9ARR	AB3CV	JH1IFS	JH4JNG	KM1D	4Z5MU
KZ4V	G4OBK	JN7FAH	N8DJX	RU3QR	CX6VM
N6JV	JA9LJS	K4HGX	N9EN	RW4NN	EA2IA
OZ1AXG	JF7DZA	N9AU*	OE8RT	SM6BZV	HB9DDZ
RA3QK	K9YY	PY5EW	SP7HOV	W0FS	I6FLD
WA1JMP	LA3MHA	RW7M	WA2UUK		IK6GPZ
WA2HZO	OZ8BZ	VE1DX	WS6X	282	K7SO
YU3AA	SP6CDK	W9OP		CT1IUA	MM0EAX
	W0YG	W9XY	286	DK3DG	RW3RN
298	WA5VGI	WT8C	A45XR	DL9TJ	US0KW
HB9BZA			AA9A	EA5RM	W1UK
JA0CRI	294	290	I3BUI	G3WPH	
JA0EOK	DK5AD	AJ1H	IK0XBX	K8YSE	277
JR6PGB	IK4DRR	CT4NH	JA0GJJ	LA9AJA	AB4IQ
K2VV	IV3JVJ	JA4MRL	K2SHZ	UW2ZM	AJ6T
K4HB	JA2EPW	LA7AFA	NN4X	W7BEM	DL6KR
KV7K	JA9PPC	SM2OAN	RA1QD		EA3JL
N2TN	JO7WXN		RU6L		G0OIL

G4GIR IZ8FWN JA3FGJ JE1PNX K6YRA K9US LU2NI ON4GG	RN3CT SV1DPI UN6T W6TMD W7WM WD5K WN6W	DL6ZXG EA7TV EU1KY HB9HFN IK7JTF JI4POR JL1UXH K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	263 CT1FMX JA5XAE K7EG KP2A N4QQ NY0V RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ	258 AB9V DM2DXA K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6RW W6VX W8LGJ WO7R	N3QE N8OC VE7AHA W7LR WD8PKF
276 HA9PP K8WK OE2BZL VE3LYC W5TCX	272 HB9DDO JA1ANR JA9NLE KD0Q W1TYQ WS9V				253 CT3MD DJ4XA DL5CW JE1BMJ JG0CQK JJ3HGJ K1LPS K1LT K3JT YO2DFA
275 HK3W JE1SYN JE7ETY JE7RJS JE8BKW K0JUH K3MSB N1RR N5FG ON4ACG SM4CTT SV2AEL W1KSZ W5AJ	271 AG4W DJ5AV JA6LCJ K5XX K9MK N9UA NA5C VE3BW VK3QI	267 DL7BA F4BKV JH1NYM JR3OEH K1FK K4JLD K8BN LB8DC W4YV WE9R	262 K3KY K7BG K8GI WF4U WO2N	257 I2TZK IK2QPR K2TK K5WK K7NN K9IR NA2M W0GJ	252 4O3A DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO W1YIF W5CIA W6NWS WA8WV
274 CT1BH I1JQJ IZ8VYU K1NU LA7HJA N6ET UN9L W3DRY W8TE	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC N3KV SM4AZQ W6SR WB9CIF	266 EA3WD JA0DIN JA3ENN JA4IYL JL1ARF N5OK ND0N SP8FNA	261 JH7IAJ K2NV K8VC K9XD LA3WAA W5XC W7MO W8HW	256 AC6HY CU2AP DF2GH G3VKW HB9CXZ JA1FQI N5GH W2FCR W5ZG	
273 AA5AM AH7C EA5BY HB9LCW JA1HQT JA1SJV K4JJW K5FUV K7XB	269 IV3GOW JA2BDR JA4PXC K6SIK NX0I VE3FF W2SM	265 AJ3K K0TT K4TT N7GR N7KA N7XR SM0NJO W6UC W9YSX	260 JA2KVD JF3LOP K1GG K3LR N7NG W5LT ZS1LS	255 EW4M IK0HBN JA9TWN JP1IOF RD3AW W4WM W8OI	251 G0EHO K6FG NE8P SM4EMO SV1JG W3GQ W7KW
	268 DL5ZB	264 KD6WW SP1JRF WX0V	259 EI6FR JA2NDQ JA9NFO JH1ORA JH9AUB K1BD K2LS LA5LJA N2TU SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT JA5BLB K3SV K8TL KB8VAO KE9ET	250 HB9DHK IZ3ENH JA1MRM JA6BJV

K1HT	N4TJ	K1LI	W5FI	JH7RXU	W6TC
K5JZ	N6UC	K2PK	W7ZJ	JL1RUC	W8WEJ
N9FN	OH2IS	K8ROX		K7PI	
RN9N	UR3EO	LB6KC	238	K9FN	230
WA9PIE	WX0B	NO2R	G0BLB	KD3CQ	CT1FPQ
		NW7E	JH3CUL	KQ8M	JA6VQA
249	245	PA3EWP	K2SX	LU3CQ	JG1WSC
AA4R	DL1DA	PY2SP	K7SP	N5MOA	J11DHY
DF2RG	DL5EBE	PY2XU	N9RS	N5ORT	K0KVR
DL4SZB	JA2VQF	SP5IWA	VE7DX	NE0U	K1EFI
IK5DNF	JA9APS	SP6A	W7CT	SM7HCW	K4XR
JH1OBS	K0II	TF3SG	WA2NPD	W0TT	KS1J
K0BJ	K3RA	W1YW		W7/DL1UF	N1IBM
K4XI	K6SRZ	W5ADD	237	W8KEN	N5JB
K6AM	PC3T		AA7G	WB7B	N9RD
KF8UN	PY4OY	241	BH4QYX	WB8BPU	VE7JO
LB2TB	RU6M	G3KWK	IK0AGU		W5ODD
N1EN	SM4BNZ	G3VPW	JA9AGN	234	YL2KF
RD3A	W2KKZ	IV3DXW	JE2LPC	HB0CC	ZL2IFB
WA9CVK	W2WG	JA0DWW	JE2OVG	IZ5MOQ	
	W3JX	JA1IZZ	JR1BAS	N5ZC	229
248		JH1RFR	K1RO	OH1ZK	JA1XAF
AA1AC	244	K9OT	K8FH	SM7IUN	JH8GYP
AA4MM	DF3UB	W2JU	KG6I	SV1ACK	K7BV*
DK3WW	EI9FBB	W4BP	KI5BLU		K7WP
DK8MCT	JN1RQV	WA3AFS	N1ZZ	233	KA8SYV
F6GCP	K4XD	WB9EEE	N5XZ	J18DGO	KB1EFS
JA8RJE	K6KO		OE3EVA	K2UR	KT8X
JE1LFX	SV3DCX	240	W4ABW	K4WA	N4HB
W1VT		AF4HX		KQ3F	N7QT
W9OO	243	F5LVL	236	KT1V	OE6CLD
	9A1AD	I0JBL	DL1AP	N8BJQ	WB8B
247	I2EOW	IK4PLW	EC3A	RA3SS	
F5CQ	JA1GTF	JA9FAI	GM3YOR		228
IK8EPC	JH0BQX	JE7JDL	IZ0RVI	232	DL6UAA
JA1RTX	JM1FHL	K4EM	JA7QFU	DL1DUO	EA1DLU
JA1WSK	JS3CTQ	K5TA	JJ1DWT	F3SG	EA8BYR
JA3APL	K0VSH	KB1JZU	JR2LJO	JE2DZC	I5HOR
K9OW	K9JF	NS6C	K1ESE	JH4ALY	IZ8GGF
RA5BM	K9MBQ	ON4ON	K1USA	LA9VFA	JA2HYD
W0DJC	KK4CB	VE3VHB	K9YC	NX7K	JH1HHC
W8HC	LA2QM	W2XI	LA0FA	RL3FA	KD0PO
WA6F	N4GN	W8TN	LA5YJ	S54A	N3RC
	N5LZ		SM3CBR	W0LS	OZ7OP
246	N5TW	239	SM5CAK		W0CP
E73Y	W7SX	G3KMQ	W1ZT	231	W4HG
GM3PPE	W8DCH	JE3ENP	WE0Q	9H1SP	
IK3SWB	WO2T	JN1BMX		K1ZE	227
IW0SAF		K5ZD	235	K2KA	DL6JZ
JA3GN	242	N3MN	DO4DXA	K3VAT	F6FXU
JA3MNP	EA3GHQ	PY2KP	HB9BUN	K4PB	HL2WA
JA7MOL	F5PAC	SM5OJH	JA7LMZ	N4RWG	IK4FNF
K0BBC	IZ8DFO	UX5UO	JH4HMG	W1TO	JA2CXF

JF1IRW	224	ON4CAS	217	HB9IQB	W1AO
JH2SON	AI2Q	W3BW	IK2ANI	JA1OND	W1WC
JK1EXO	DL6MRS	W5VQ	JA1GRM	K0LUZ	W6SZN
K3SEW	DS5RNM	221	JA3LDH	K1KA	W8MET
K4JAF	HB9SLO	A65BR	JA5JUG	K5WAF	W9EWZ
K4RO	JA8EKU	AA5AU	JE2EHP	K9NR	WW3S
K5PS	JH8RZJ	G4XRV	JK1GOK	RU0SN	210
K5TT	JK1AJX	IZ2EWR	JR2UBS	W2AY	AA8OY
K6KLY	K5OT	JA5BEN	JR5JAQ	YB0COU	BH4IGO
N4PY	K5VIP	JE6TSP	K6DT	YO3CD	DJ5DT
N7IR	K8JJC	JR6LLN	OH6NIO	213	JG3LGD
OZ1LCG	ON5UE	KI0KB	ON6AA	DK3UA	K5VWW
RN8W	RM3DA	N0KV	W0AWL	DK7YY	K7ORK
SP8HKT	VE3CFK	N4TV	W1RR	DL1SDH	K8KS
VE3CRG	W1LW	NA5DX	W6AUG	EA7SG	K9TF
W1SKU	W8CZN	OE1AZS	W6RKC	EW1BA	KG9Z
XE2X	WA4LOX	PA3CSR	W7HPW	JA7KY	KJ9C
226	223	SM3LGO	216	J14WAO	KT2E
AE5E	DS1JFY	W0VX	AB5C	K3OX	N2NS
DJ9ON	EI9JF	WB3JFS	EA1RT	K4RG	N5BO
EA3CJ	EU1U	220	JK3BLD	N8II	N9JV
JA4ITW	JA7BWT	HS1NGR	JR7FRW	NN4R	W4WT
K2EK	JH1BNC	JA1PTJ	K8QM	NR4M	W9JJB
K4ZIN	K3ANS	JR7WFC	N4ONI	SP7CVW	WA5POK
K6EME	K7LV	K1KI	N7TY	VE7SZ	WB5XX
K6RO	K9RT	K1YR	N7UN	W4VIC	209
NE3F	LB5WB	K4EA	UT3UZ	212	AC4TO
PY2NQ	N6HC	N4EFS	W0DD	DL1HRN	AE0P
VK3HJ	N8PW	UN7TW	W0RX	DL1TRK	DM1TT
W2GG	SM5CBM	W8RLS	W0SZ	IZ5JMZ	HB9CQK
225	UR5FEO	219	215	JR3HZW	IV3VBM
EA1AF	W0HBH	HB9TKS	5B4AHJ	K2AX	JA2XCR
I8JIT	W5VX	JA2TBS	DJ9RR	K4ZO	JA7LGE
JA2FBC	W6SL	K6FW	DL1SMA	K7VV	JG4AKL
JA6BEE	XE1VIC	KE9I	K1GE	K7WJB	JT1CO
JA8DRK	YL2TW	KQ4AV	K7ZA	LA9GX	K8RRT
JH1QAX	222	N4LR	KB2FCV	N2WLG	KJ6NZ
JH4PMV	CT1FCX	SM0BYD	KF6HI	N9ISN	KL0S
K0SD	EA5RU	SP6M	KX2A	NN4SS	N3KS
K9MMS	EI2GLB	218	LA7WCA	OE3SGU	N4XP
KU0A	HB9AAQ	CT3HF	N1GC	RD3BD	RU1AB
N2DPF	HB9CEX	JA2AHH	N2WB	SV1GRE	UA3ECJ
N2JJ	IK0PEA	K1XM	PA0ZH	211	W3OOU
N8KOL	IZ8IEV	K4MS	PY2MC	CT3DL	W4ZX
OZ2RH	JA5FBZ	KS3F	W9ILY	JH4CPC	W5SL
PE1L	JR6FC	S55DX	WB8K	N2LM	W7NN
RU3A	K4WM	W5FKX	WC4X	OE5RLM	WB8ZRV
UA0BA	KF7PG	WB8CQV	YB5QZ	PA7TWO	WL7E
W6BJH	N2BJ	214	214	RX4HW	WW2DX
W7YAQ	N6MZ	E70T		SM5AOG	ZL2AL
	OE8SPW				

208 CT1EAV EA8AXT GW3SFC JA0DET JA1NWD JA5WIZ JA6WJL JH6JMN K3FRK K7ZD K9ZM N4TL RQ3A UA3FF UW7UA W2OO W4MAY WE1P XE1KK	JH6PFY K1NJ K1UU K2MYR K5QX K6ZZ KA8ZPE KU4XO RT0F W1SSN W5DAW W5VY WA0I	WD9DZV	ZL4AS	195 A92BE AA8LL AC6T DS5TOS F5PBM HB9DOT IZ2FOS K4MF K4OY K9GA KA1ERL KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI	192 AE6Y I2YWR IK5ZUK JE8TGI K6PJ K8UT N7BT SV2DGH W1EQ W4GIW W4RFZ W5ZO W8GNM WA4BIM YO3DDZ
207 AA5AT HB9BAT IV3TDM JA0AOO K1KO K4JPD K4YYL K7UT KA7T LA2PA N1QY RU9UC WS5W YO2RR	204 AI6Z JA8JO JH4FEB K1CA OH8NW SV1VS W3RJW W6KK	201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JE2RDO JG8FWH K1JIU K8YTO LA6OP SM5ENX TI5KD W2CG W6AEA	198 CT3KN DF7EE HK4SAN K0DEW K5GH NA4EA OH1JP SP1DSZ UA3O W2PS W9PZT WD4LBR	194 9K2OD AA8CH JH4ADK JI1NJC JR7XOD M0CSD N1PM VK3NX W5CWQ W6ENZ YT2AA	191 AD6W HB9RYZ JA1PMN K0GY K1TO K7FL K9OR KF0LA KR2Q N8NN NX1L W3ABT W4UCK W6RS WC1M ZS6WB
206 AB0CT JA1FNO K6NR KA1J LA6UL NA9RB W1NA W2QO W7AL W9YE	203 DJ3GW EA8AKN HA7UW IK0HFO IK4HPU JA3MHA K1IT K3GT K3OSX K3XA N0RN N6HY SV9COL VE6LB VE7UF VK3BDX W1OPD W8KA	200 IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N3OC N4MHQ R3IS SP6JIU VE3YF VU2CPL W2OIB W5GZ W8WRP WA4CEM WZ8P XE1H	197 AC9EM DL9FCY JA2IYJ JA3CMD JA8XQI K4CMS K6UT K7UR KD6UO KM4H KZ0X LU8EKC N0AH N1RK N7HN NG0T PZ5RA R9MJ W2/CT1GIF	193 IK0LNN IW0HQE JR4LNG K1BZ K5FZ K6UM N1JP N5UW ND5S PA0JSE SM4CTI SM7BHH SP5ES W5WP YL3DQ	190 7K1PTT EA2AFV EW3CW JA2KSP JJ1SKG JR1MLU K4MZ KQ4EE KU4BP N6GP N9SF OZ8SW SP3EPG UA0FO W7SLB
205 JA0NZR JA2ATE JA8EJO	202 JA8BNP JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG W5BPT	199 I4MKN IK5RUN JH4GJR K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S WB1S	196 G3SVD JA1VLK K2BA K4CM K5FNQ K8BL KK1W N7WS NA2AA PY1OL UT7KF W2FV W2YE W7AH ZS1A		

189 AA4NC JA1DM JH1APK K1ZN K2QMF K8TVD K9GWH N0RB NI5F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SP9WZS W0YK W2LE W5KFT WT3Q	JR3UIC JR7MAZ K5CD KD2T NE0DX OZ8RO SM3PHM SV1FJP W1ITU W3MR W4SK W5PF W8JRK WA7TZY WB2AA XE1J	183 DJ5IO DL1KUR EA1JO EA3GHZ EA8RR F3AT GU4YOX HB9BXE HL3GOB IK5PWN IT9CVO JA1DOF JA8NFV JA9CWJ JQ6RUP K8AJS NA2U ON6YH R0FA R9JX W6JTI W8IQ WA4TII	W7HR W8OP WD0DAN	N3NR OE2SCM RW4CY VE6AX W6DR WA5IPS WF2S	JH1DGQ JM2RUV K0EOO K4BYN K4JC KW4MM N4PL N6PAT N6ZN NY3C OH7TV SM5CZK SM7NDX SP5JXK VK2DX W1NT W5JAY W7CD WA0RVK ZL3JT
188 IK5CBE JA2FGL JN1GTG K0TV K7WE KA4RRU SV1FKZ W4GE W7IV WV4TN ZL4TT ZP5JCY	185 AD7L DK4TP DL8PG EA1KK EW1P HB9DHG HI3T IK4AUY JA1FJJ JA8UIV JH1AGU JR4VMS K1RV K4KGG K8RYU NA2X W5QM W8HB	182 4Z4DX F6DBX I5OYY K0MD K7UA KE1F NA5Q ND3F NW6S NY2NY VU2NKS W1PX W5DNT WP3R ZS2DL	180 E21EIC EC1A I0OSI IK7FPV IZ4DPV JA4VUQ JA6GIJ JA7IC K0LU K2CBI N6PM SV1BYI SV2DCD W2KA W5WQN WK7E WY1G XE2CQ	177 AA6RR DL6LIM I8LWL IK0EFR JA4DHN JE8LWZ JR6GIM K0GD K2HAT K5UZ KA2CYN LA8HGA N6RV NT2A RA9SC VE3OI W7MEM WD9Q WQ7B WT4Q	174 IZ5BAM JA7SFD JM1BPP K3XO K9HQM KB6CIO N1NK N3ND PA2TMS SV3KH SV9AHZ TZ4AM WA4JQS WB2WPM
187 DH0GSU IT9BLB JA1OVD JA2VMU K3PP K4WZ K8DV OM7CA SM7GIB VE6SV	184 AK1L EA4CQT IZ2AMW IZ5RVG JA6CBG JA6TMU K3GGN K5KG K8NK KI4DLS N2RJ SM5FWW SV1IW W1UE W9FI	181 AA4DO DL6CNG EI2JD JE8CLT JH1ROJ JK1BSM K3EA KE4UW OZ1IKY W0GG	179 DL2CHN DS3HWS IW3GJF JA1DOT JE2HCJ JF1RYU JG3SKK JH1RFM K4AV K7ACZ KA6BIM KD8RQE N7TR OZ7FOC W2WC W5GAI W8LMG WE4S YO4DW ZL1BYZ	176 CU2CE HB9EFK JA5SUD K0TPP K1RI K4VIG KB4MRX KJ7M PY2WC VE7VV W3FI W3TN W9DX WA1FCN WA1PMA	173 AG1A DS4AOW IK2SGB K9SG KI4GE KK4OK KZ1W N0OK N5WA N6NU N6PSE NJ3K SM6CLU W3BJ WA4DOU
186 G3NDC IT9GSF JH2AYB JH4CBM JR1BLX			178 CT1ESO I0MWI IK8YTA IV3TMV KM6HB N0AMI	175 IW1QN JA1IOA JA1JAT JA3BXF JA8LRG	

WF4G	NO9E	WA8CDU	LU2DSL	WA5LFD	WW4LL
172	OE2GEN		LZ2ZG	WW1N	YO4AUL
AB2E	PY2DS	166	N8OQ		
JL3JTD	W4HZ	DL3KZA	N8PCN	161	159
K4WNW	WB6JXJ	G3WW	PA0TCA	AJ4A	9M6YBG
KY6R	YO2CMI	HB9DVZ	RA3BL	E70A	AH0U
N4JT		I2DMI	SM6WET	E74A	DL1MEV
N4OA	169	IZ4DIW	VE1OP	JA1BPA	F5NBX
N5ET	G3WGN	JA4KDT	VR2MY	JA1SDV	HB9DDM
N6RK	K2RET	JA7BEW	W1JA	JH0NOS	IK8UHA
S57AT	K3PU	K0DD	W3HKK	K3MD	JH1ACA
W2NO	K8OM	K8ME		K3WGR	JH1IAQ
W3MF	KT1J	KN6KI	163	K4HMB	K2TA
W4DAO	N0ABA	KR0P	AA4FU	K8CC	K4YJ
W4WJ	NF1G	W3BNN	FG5FR	KC6X	K5RA
W5JMW	NX8Y	WB7QXU	IW0BYL	N3HBX	LZ2JF
YB1UUN	ON4ANN	WC4B	JA0KJD	N6IE	N6MA
	UN3GX		JA8FFM	N6TR	NA6O
171	W5LO	165	JG3RWX	N8NA	SP6AXW
DL7JRD	WC2K	AA3LX	J12EMF	SM0DSF	W1YRC
G3UAS		FG8OJ	KG8CW	SM5ARL	W6DX
IU0LFQ	168	HC1BI	NC4RB	W1LY	W7VY
JA1QIW	DL2NOM	IT9ODQ	NY4G	W4KA	
JH1IED	EA5OX	JF3PNQ	OZ5NJ	W5VU	158
JH1WJR	I8DVJ	K5CR	VK6LC	W6YOO	AA8R
JK1UVP	JA2FSM	LX1KC	W5GA	W8CD	BA7IO
K1JD	JE2UFF	N2GZ	WA2UKA	W8HMK	DL4NBE
K1RH	K1ACL	OK2BUZ	WA8JBG	W8IW	DL5KUA
K9RR	K1EO	SV1GYG	WB8BZK	XE1RBV	DL9DRA
KU2A	K7HC	VK4CAG	XE1MEX		IT9AAI
N4UOZ	KB9DAK	W2YR	YO3AIS	160	JA1SHE
N6UK	KJ7TEA	WA0SXV		AB4UF	JA2ITK
OH4UI	N8AGU	WA4VA	162	DL7UPN	JN7DOS
W1OP	SM4OLL		E73D	DM2RM	LA2GH
W4CCS	SP5MXZ	164	HI8R	F9XL	N2ZZ
W4NJ	WA4AFE	4X6ZK	IK2VUC	JA0GCI	N4DWK
W7WZ		DJ1TO	IT9DAA	JA1MZL	N4QM
W9BEA	167	DL1QQ	JA2NQG	JA5PUL	OZ4VW
WA8MCD	AA7XT	DL5XL	JA8BZL	JA7XBG	R7LP
	CU3EQ	EW1KP	K1DJ	JF2WGN	RU3UR
170	I0KRP	HA5BSW	K2AT	JH3FHQ	W1GQ
BA4MY	JA3FHL	HA5WG	K2RU	JJ1BMB	W2RA
EA2AA	JA5BGA	IV3BKH	K4JKB	JR3XUH	W9MO
JA3MF	JA5NPV	JA0LFV	K4MM	KI4WCQ	WO3Z
JA3RQ	JA9CG	JA9KRO	K5RJ	KW4V	WS1L
JA6SRB	JH1APZ	JE3CYW	KT2C	LA5SJA	
JE1PHH	JL2JVX	JF1LZQ	LU2AH	N2BT	157
KD1F	KQ1F	JH1RGG	N9OY	N3RR	CT1DKS
KE1VT	LU2CC	JH2HFD	NA5Z	N3XM	G4AFJ
KH2L	N4AL	K7JH	OE3KLU	ND6G	JA2EJI
LU6ETB	R5QA	K9UQN	W2OR	TA1CM	JH1DGJ
N7KO	RA3LAL	KA9OKH	W6WA	W0KCJ	JR4VEV
	RL3AA	KK4OW	W8PC	W6CUA	K2CDJ

K4XU	N9XX	KK9H	K5IB	149	IZ0BTU
K7LFY	OM8FR	N2FF	KD4OS	AL7TC	JA3EOP
K8WVA	PA7RA	NK7C	KM1C	IZ4MJP	JA4EVN
N0VVV	RN3QO	OZ7DN	N3MK	JA0LXP	JH8BOE
N4TOL	SV8LMQ	SM6AOU	N4HID	JA1ADN	K2CYE
NK0S	W0NFL	VE1DUN	N9DR	JA1SGU	K3PT
UA4PK	W0VHF	VE3YXO	NF4A	JA4ZA	K6ME
W3FOX	W2HUG	W5ZPA	UA1CEI	K0KP	KB1W
W4PV	W4HOG	W8MIL	VA3XQ	K2TER	KD7H
W5PJR	W7IUO	W9GE	VK2GR	K4WY	LA5XGA
W7RN	WO9S	W9SE	W2TB	K8AV	N7MQ
W8BBQ		WB0N	W4WW	KM2E	N7TP
ZP5ALI	154	WN9O	W8VVG	N7MB	NJ6D
ZS2EZ	DK3BK	152	WA0ROI	NX2X	NV4B
	EA3EQT	AF2C	YO6HOY	ON5TW	UN3G
156	JH7LBE	EU1DX	150	W0JM	V51B
DK0EE	K0THN	G3LUW	AA4FL	W6RFF	VA3IC
IK1UGX	K4WFM	IK0CHU	AL7R	W6ZO	W1WEF
JA1QGC	K8RF	JA3NHL	CT1FUH	W9HBH	W6BK
JA4HAW	KE4VU	JA4VLK	DK5RL	WA2MZX	W7EYE
JA5BZL	KG4CUY	JA6GPR	DL2JIM	WV9L	WB0O
J11WLL	KK4HD	JR1WCT	DL2VPO	WW1WW	WF5E
K6XN	RA0BA	K4QD	DL7AA	YB2TX	WS1F
N4IQ	RD9M	K4ZA	F6HLC		
SP5ELW	RT5A	KF9UG	G4XEE	148	146
VE3UZ	SM5BEU	LB7ZG	HB9DQV	EC1AIJ	DD0VU
W2FK	SP6EIY	NA9Q	IK2RPE	IZ4AIB	DK3QM
W5RF	UT6UA	SM2HWG	IZ0CKJ	JA1CZI	HA5PT
W7CA	W1AW	VE3EK	JA9AA	J16IHG	IK2DZN
WB2AQC	W2UB	VE7XT	JE1VTZ	JN3RBE	JA1WTI
WM0X	W2YK	W0LYI	JF2VAX	JR8AMF	JA6NQT
ZL3RJ	W3KHZ	W1LE	K2OP	JT1BV	JH3FUK
	W4UEF	W1MR	K4NC	K3NF	K4MX
155	W6NK	W1NK	K5DHY	K4WJ	K4ZRJ
5T5PA	W8MHW	W3NS	K8MN	K7CMZ	K6LRN
9A1A		W4NZC	K9JU	N4NW	KI1U
AA4DD	153	W4TNX	KS4S	N6IG	KK0M
GM0AXY	7K3QPL	W7FI	N0STL	NG0G	KK6T
JF7RJM	AA9GR	W7IB	N2SQW	VE1VOX	LX1CW
JH1SJM	EB3CW	W9JA	N4PYI	W8WFN	N5CQ
JH1VHU	F4FLF		N6WT	W9CSX	N7JB
JK1TCV	G0VXE	151	ND0F	WB2HJV	N9JR
JR1DUP	IU8FRE	EA7OH	NU4I	WB3LHD	PY2IQ
K2DC	JA0NPQ	EI3IO	NZ2L	WS1E	SP3F
KR6C	JA1QOQ	EI9E	SM2GCQ		VE3UTT
KZ5DX	JA2BUR	HL2KV	W1JGS	147	VR2CH
LA2RZ	JA7GYP	HP2AT	W4NBS	AB4SF	W1NR
N1MD	JH3HTD	JA6COW	W9GXR	AD6ZJ	W2JLK
N2ZA	JK1UNZ	K1AJ	WA4MME	DK6OR	W4DEE
N3IQ	K1YT	K1PL	WB4JTT	DL6KY	W5KI
N4IG	K4EU	K3FM	WV2I	EA5BZS	W6AER
N8AYY	K7GA	K4ST		HL4CJG	W6OUL
N8WRL	KH6AT			IK4HLO	W7TSQ

W8QZA/QRP	KA0CDN	JA0PE	ER0FEO	WQ5R	NC6A
W9MJ	KE5PO	JE2VLG	IK0WRB	XE1FAS	NU1B
W9MR	KM8AM	JH1VUO	IK7YZG		OE5JDL
W9ZCL	N1KC	JH7LVK	IV3VCS	138	SK0QO
WA2USA	N4SC	JR1IZM	JA3EY	AA5B	UT4UZ
WA9DU	N7OJ	K1ZJA	JA7KQC	EW1LM	W0JMP
ZS6UT	NZ3O	K2CS	JE1DXC	HB9AZO	W5THT
	R7LA	K3NQ	JH1BAM	HK3PJ	W6TK
145	W0QQ	N1BZ	JR7ILA	IK2HDF	W7KSK
AA0KA	W2ZI	N8HRZ	K2HT	JA3XNH	W7QHE
DL2RD	W6BCQ	W1DXH	K3WWT	JF1WLK	W8UQ
DL7UGO	W7QDM	W2TX	K4JWA	JF2OZH	WB2KSK
DL9GTB	W8SAX	W3DQS	K5HK	K2MK	WB3D
EI6IZ	WA1YTW	W9IL	KE8UM	K2WK	WO5I
G4FTC	WC3W	W9ZJ	KP4P	K3SX	YV5OIE
IK8GJR	WC4H	WQ8T	LU8ADX	KB1HY	
IW0HOU		WT9U	N2PK	KE7LU	136
IZ0NRG	143		N3TR	KF4VTT	9H1AE
JS6TWW	AC6DD	141	N4MI	N2KX	AA6RE
K4WES	AI8P	AB5GU	N4XYZ	N7WO	AG1I
K4ZNC	DJ3AS	DF2UH	N6QI	N8GP	CU3EJ
K5EWJ	IK2RZP	DL9ABM	N9IO	N9PGG	DL5SBA
K8SIA	IK8VRH	EI4BZ	NN7X	OZ0J	G8AJM
KB7V	JA6IVR	I0LYO	RA0R	TF4M	HB9MFM
KD5R	JA7FWR	JH1UBK	SM0XBI	W0QD	HL4CCM
N4UFP	JA9APM	JH6DUL	VA7QI	W1ZZ	IK1IYU
NA6MG	JH2XQY	JH6WMJ	W3AKD	W2PP	IK8PGE
SM7CQY	JR1CAD	JJ1OKK	W6GJB	W4DN	IZ7EVZ
UA5D	K4EB	K0OK	YL2AP	W8TM	J68HZ
W0SR	K7KB	K0PJ		WA2BOT	JA3UCO
W1ER	K8ZZU	K2SN	139	WB2RAJ	JA3WLN
W2FB	KW9U	LU2BA	CT3DZ	WI2E	JA7NX
W4MA	NA9A	N7DED	IK0ZIO	WN9Q	JP7FSO
WA5NFC	NU4Y	N9KW	JF0JYR	WT2P	K0SRL
WB6CJT	NW8F	ND3L	JH0AWC	XE1ILI	K1SM
YB2DX	OZ1HPS	RW4NJ	JH3GCN	YO3VU	K1TWF
	RA3CO	SP7ICE	K3SW		K2AJY
144	RX3BP	VE1JBC	K4KAL	137	K4AMC
AA0MZ	UA9AM	VK6OZ	K6LPO	AA9RR	K4YP
AA6PI	US2WU	W0MU	KE4S	DL2VWR	K5YU
AB5A	W1ENE	W0RXL	KH6DX	EA4UV	K8CS
AK5Q	W2NRA	W1DYJ	KK0DX	EA5KA	K8JE
EA7DUD	W3DM	W2HUV	KL7J	HB9ACC	K8KI
F1RAF	W3IZ	WA4NUF	KO8SCA	IK3DVY	KC2STA
HL2EIZ	W9HZ	WE9A	KS3L	JA1KPH	KM1A
IZ7AUH	WB2GOK	WQ6Q	LA9FFA	JA9GPG	LA6MP
JA0KJE			N1IA	JH1ERJ	N7NH
JA1UXC	142	140	N6KZ	JO4CFV	NE4A
JA6OXT	AG4Q	AA4US	N8NB	K1VI	NJ7G
JH1EIG	F6KOP	AB0RX	NN6K	K5ALQ	NU1O
JH2RMU	HL2DBP	AD3C	PP1CZ	KF6A	RL3BZ
K0LB	HL3AMO	AG5W	W0TM	NA1DX	W1FA
K1XV	IK2WPO	EA3CZM	WF1H	NB3R	W5JE

W6DCK	K0XP	CT7ANG	K6IPV	PY2FN	A71AM
WB0TVY	K5TU	DJ0AH	K7LAZ	SM5BNK	AG8L
WD8LTM	K8QKY	DL3IAC	K8EB	SO5AS	AK4AO
135	KC5LK	EA5RD	K8JP	VE3FRR	DL3BUE
AC5AA	KF2TI	I1CMA	KK7YC	W0AD	DL6NW
AE4CW	N2NW	IV3TMM	KM4A	W3JXP	G4FKA
CT3FN	N4TD	IZ6ERS	KR4BD	W4NK	HB9FBG
G4FJK	ND4V	J11MNT	KX6C	W4SW	HK3O
HB9VAB	OE1ALW	JN3TRK	N0TK	W7FP	IT9ZZO
HK6K	SM5CSS	JR7GBL	N3HYB	W7LGG	JA0ED
JA3VPA	W1OG	K4DSE	N6FS	WK9U	JA0EVI
JR1JGA	W1ZS	K4MV	ND7K	WO5D	JA3AYU
K4IE	W2DXE	KJ6Y	OH2LU	129	JA6JNF
K4KAY	W4UFO	KS4YT	RU3UN	AA4UC	JE3BIQ
K5LC	W5BK	KV4T	SM6VR	AF4OX	JE4CIL
K7LY	W6EJJ	KW4CQ	VE7TK	CX2CC	JM1HJG
K7WK	WA1NXC	N2XQM	W4SD	DF7GG	K2QB
KD3HN	WA3SKQ	N6VI	W7NP	DL3LAB	K4LQ
KN4JX	WE2N	N8XI	W8FAX	EA5DFV	K8ROK
KO4PY	YB1TJ	NA4CW	W9UM	GM0CWR	KA1O
N3KN	133	NA4MM	WA6EZV	JA1KXT	KD2GC
N4CT	AC4VM	NG7M	WA6TQT	JA1TGO	KE3X
N4QWZ	DL5JS	NH6T/W4	WB0PWA	JA7EU	KE4BKL
N9MB	DL8JJ	NJ9C	WD8MGQ	JA7JPZ	KL1V
NY9H	EA3CWK	NU1T	WW1V	JF7NNI	N0TR
OE3EPW	HP3TA	S53MJ	130	JR0EQQ	N2AJ
PT7CB	IK6COX	SM0MPV	7J1ADJ	K3VPZ	N4HN
SP7ASZ	JA0AXV	UA3SAQ	AA9AA	K6QU	N4KM
W1MRH	JA1EMQ	UA9AGX	AB6BT	K7VC	N4MEC
W5BN	JA1FUI	VA7XX	DJ4SO	K8YYY	N9JCS
W6FL	JA2BL	W0UVC	DL9GCG	KF4NEF	N9LEO
WA3IIA	JA6BF	W0ZT	DL9JI	LU2JCW	NC4RY
WA3PBL	JH4RLY	W5RYA	EA8MT	MW0CBC	SM6DIN
WB2NPY	JM3GXU	W5WLA	EC5A	N3AIU	SV2JU
WC2L	K2KIB	W7IU	FG4NO	N7BD	VK5GR
WK8A	K5QR	W9RB	HK3MCM	N7BD	VY2MC
ZS1J	K6IPM	WB4CW	JA4RED	NT9F	W1PNR
134	K8KY	WX2CX	JA8BAR	PY3SB	W3EF
AG7N	KO1H	YB4CHP	K3DFL	UA0APV	W5UE
CT1BWW	KZ9DX	131	K4ODL	UY1HY	WB5NHL
CT3CD	N4AOE	AA4EA	K4VX	VO1AU	ZS2Y
DF3OL	N4DJ	DJ2RB	KC4AA	VU2MSA	127
DK2BI	N8KU	DL4ZAB	KF7NN	W2EQ	7M4AOE
HB0WR	NT5O	F2NH	KP4DKE	W4LIA	AA3AZ
HL2CFY	W6MVW	I1YDT	LB8OH	W9RC	AI2S
IZ1JMN	W7JET	IZ3ETU	M0IKW	WA1ZIC	DL5KUT
JA2OLJ	W8JA	JF2QNM	N1NU	WA5NOM	HA3OU
JA8ALB	132	JH8JBX	N4LUF	WD5BJT	JA1DIO
JE1WZB	9AY2K	JL6USD	N4XMX	WY6N	JA1FHK
JG3HBO	AA3TH	JM1VRW	N7TM	128	JA1XRA
JH2VVH	AE5B	K1UM	N8IL	4X4MF	JH3PRR
		K5ZQ	NW7US	7M4CLF	JJ6DGP

JN1MKU	125	K2WJ	N6NT	W4AO	W5MF
K0AZ	AA4LR	K3LA	NC1M	W4PNY	WA6JA
K3OK	AB2DP	K6SLO	NS3L	W4RS	WW8RT
K7PO	AD4AA	KB9S	NZ5O	W7BJN	YB1AR
KF7F	DL9BM	KF1P	OH2BEN	WA6KHK	YO3JF
KW2J	EA1P	KM1R	PT7DX	WA9BZW	
KX9X	ES3VI	KN9N	SV2BXA	WB1EAZ	120
N5QS	G0HIO	KP4MS	VK2CA	WN0L	DL1EV
ON8VM	G8BCG	MU0FAL	W0PE	WR2G	DL2VFR
W4GP	HB9HBZ	N1YX	W2PSU	WV1R	EA5B
WA2ALY	HB9JG	N3KR	W2XX	ZS6IR	IK7YCE
WA7BNG	HB9JOE	N6XT	W4GKR		IQ2VA
WB2KSP	IZ5EKV	N7AU	W6PH	121	IZ5EBL
WC5E	JA2QCX	NC2Y	W9ROG	EI8GS	JA3BLN
WX3P	JA6EXO	ND4X	WA8Y	F6FYD	JF1EGO
YT7T	K2ZZ	NN4K	WB4GLI	GM3WIL	JH1LZU
	K5TIA	NO0B	WC4V	HB9BOI	JH6CDI
	K6BZS	NS4F	WQ1H	IK4TVQ	JJ3BFC
126	K7QA	OT1A		IK5BOH/2	K1TKL
AD5WB	K8GWU	W1ASB	122	JA0MRW	K3SF
DK3FB	KG5VK	W5WZ	9A3LYL	JA2ACI	K4SAF
EA4EPY	KM9E	WA4QMQ	AA7FL	JA3AVO	KD2SC
EA6EE	KQ5M	WA8RCK	BV1EK	JA8EIA	KD4POJ
EW4A	N3OUC	WB4SON	F5RQQ	JH1AEP	KF8HR
G4NBS	N4ENE	WD6T	HB9BEM	JH1SBE	KI4TZ
JG1SWM	N6AA	WR7Q	HB9IIO	JR4CZM	N2CG
JG3KLF	PT2CSM	ZS6NJ	IK6BOB	K0FG	N5BA
JH4GNE	PY2RN		IV3BSF	K0QQ	N5PA
K1EDG	RT2O	123	IV3KCB	K3AR	N9DJ
K4ZMV	SV1CQN	AB6CF	IZ8EJB	K3IXD	NM1G
K8FZ	SV1EOG	AC0W	JA0CIU	K3JM	NO2C
K8YE	W1MJB	AC4BT	JA1CPU	K3RWN	NW4M
KC8IVC	W1XV	DD0VE	JA3EEM	K4GM	PY2SEX
KI3O	WB1DX	EA2AAZ	JA8ZO	K8CXM	SV3AQR
KI5GD	WD8KND	IK1RLI	JE8IGW	K9QJ	VU2PTT
KN7Y	XE2YWH	IK4BHO	JH0OXS	KC9WPS	W0UY
KS0M		JA2CXK	JM1ESG	KD8BZY	W5EC
KS4XQ	124	JA2JRG	JM1GHT	KM7R	W6HDG
M0VCB	BG8PA	JA2KSI	KD0S	KT5X	W7HUY
N2SG	CU3AN	JA7KE	KF8DX	N2KI	WD9FLI
N4LV	DF3EC	JA8EOT	KT8D	N4BAF	WN7J
N4UW	DM5JBN	JE1HRC	LA6EIA	N4GBK	YE6YE
N5JC	F8EZE	JE3GUG	N1SZ	N4TKF	ZS1C
N6PEQ	G3VAO	JH0NBN	NI4Y	N7WR	
N8VV	G3XLF	JH6WDG	NU4B	NY1V	119
OZ9GA	IK0OPS	JO1ABS	OZ3SM	NY7T	DS5ACV
W1BYH	IK4TVP	K0KM	OZ9XU	OE1HHB	HA8UT
W3ML	JA1TD	K1QN	SM2EJE	W1OK	HB9GWJ
W4PG	JA2AH	K4GO	UA6LCN	W3NRJ	JA0CVC
WB2GAI	JA7HRM	K8GT	VE7ON	W4AEJ	JA1DXR
WB5STU	JA9GLW	KC4HN	VE7VF	W4EB	JA7VEI
WC0W	JE6UWU	KF2DT	W0MS	W4NE	JM1GYQ
WV1X	JM1LPN	LB5GI	W1GF	W5FL	JR2CFD

K0IIR	JH2PWY	K4AU	EI7GY	CT1DOF	JE1LPZ
K1FE	J11FXS	K4SX	HK1X	DH3KM	JH3GFA
K1LTJ	K1TU	K4ZIW	HL5BMX	DS5DNO	JK1MZT
K3GO	K3IZ	K5GM	JA2DHG	G0JJG	JR1ATQ
KB4CRT	K5WE	K6CF	JA3UNA	I6DQE	JR1EYB
KK4QN	K6UXO	K8WHA	JA9IWR	IU8HEP	K0BRO
LA4C	K7UPJ	K8ZM	JL1GYZ	JA1OVF	K1QQ
LA7EIA	K8IKE	KB8KIM	JO1LVZ	JA8GSN	K4TXJ
LZ2HM	KB0V	KE1IU	K0BFR	JH1RVQ	K6GWN
N0ATQ	KB1AWM	KF2OG	K4IU	JH4VDP	K6PT
N0ODK	KB2XJ	KG6D	K7VS	JK1SAI	KA1DJ
N1DC	LY3BS	KK9T	K9LCR	K1HJC	KM3J
N2RR	N1FOJ	KM1H	K9ZG	K4MIH	KX2S
N3CW	N3MLV	KM5G	KC1ERO	K4MIJ	LA4RT
N4JQQ	N3RW	KS9R	KU1T	K5AX	LA4WJ
N6OJ	N9AZZ	KU4V	KU8X	K5LY	LA7QI
NA2R	NA5S	KV4AA	LA2IR	K8LBT	LA9XGA
NK7Z	OE3JAG	KV7N	N2SU	K9EXY	LU1FM
SK6SJ	TA1L	LX2PA	N3ER	KB0EL	MM0BQI
SM6NJK	VA2IG	N0IW	N4HGZ	KC2WUF	N2YBB
SV8QG	VE3PNT	N8JK	N4QVM	KE7PB	N6RJY
VA3HP	VR2PX	N8WXQ	N6NBB	KK0T	N8AID
VE4JBB	W4SKW	NC8I	N6VH	KK5OQ	N8KUS
VR2XMT	W5SJ	NL8F	NV4A	KM4NS	N9NB
W5UHQ	W6GM	NW2I	OH1NSJ	LT1F	NG4C
W6DE	W6WF	ON4AGX	PA2R	N0OP	NR0T
W6IS	WA3GM	PT2BW	SM1NJC	N6DHZ	ON6KE
WA3YZD	WA4USA	SV2CLJ	UA1OM	N8SHZ	PV8DX
WA9JWL	WB4PWZ	SV3RKM	VU2ABS	ND4Q	W4TTY
WB2ZAB	WZ6Z	TA1AL	W0ANZ	NK2H	W7BV
WB3BFC	XE1R	TF3DT	W0QC	PV8ABC	W7HJ
WB8IZM	YB1RUS	UT2VC	W1GWN	UU1JA	W8UMA
WB9WHQ	ZS5LEE	V51YJ	W3ACO	VK3OT	WB4DNL
WY0V		VE7ACN	W4ARK	W2HAZ	WD1M
ZL1WG	117	W1UN	W4CZ	W5GO	WG0G
	AJ8MH	W3WN	W4DFU	W5HNC	WN6K
118	DF2UA	W4OWY	W7RR	W6QON	WR2V
AA4NG	DL2TOS	W6KR	W7VJ	W9RXJ	XE1EE
DL2RUG	EI8IU	W8BI	WA2EOV	WB2P	
DL4FDM	F4WDL	W8VK	WA8LOW	WN1M	113
DL5MX	G3PSM	W9BB	WB8FIW	YO3HOT	6K5AQY
G0MFO	G7SSE	WP4CQ	WC2C		A92IO
G3YFE	HB9PUE	WS4H	WF4W	114	AC9X
G3ZEM	HL4GHT	ZL1ANH	WJ1B	AA4H	AK1P
G4CWD	IK0XIH	ZP5FGS	WQ5C	AD4XV	EA2J
GW0ANA	IZ0GYP	ZP6VT	WV4V	AK3E	EA5HM
HB9DLE	JH8KFE	ZS4JAN	WW0E	BA4TB	EA8TZ
HB9DVO	JL3DGI			CT1ELF	G4RGK
HL3ERJ	JR1SLU	116	115	HL3DE	HB9HHH
I5CRL	JR6GHN	4X1EL	AA5N	IZ5GST	IZ0FUW
IT9IPQ	K0MP	AB1J	AB0S	JA2LHG	JA2MNB
JA2NNF	K0PC	AB4GE	AC0B	JA3VUI	JA4JSV
JG1WNO	K4AR	E77S	AJ8B	JA7MAD	JH3GRO

K0HB	K2DW	DK9WZ	WA7HQD	KS0Y	K4BNF
K0HD	K4ULA	DL1DH	WD9IOK	LA4JGA	K4RDU
K0XM	K5VR	EA2AGV	WE2L	N2KW	K6JJ
K2SD	K6EGW	EA4EJP	WF2Y	N4ANV	K7CU
K2TG	K6LD	EI1DG	WO2Q	N4CO	K7IA
K6OJ	K6MKF	EU1TT	WZ1Q	N5RN	KC5LT
K6ZP	K7DS	F4DSE	ZP9MCE	N8NH	KD4W
K8SM	K7SX	F4DVO		NU0Q	KM4HQE
KW1DX	K8AO	HB9LAK	110	NW6V	KP4AH
N1ZJ	K8LE	HC1HN	DF1JM	OZ9U	N1UZ
N6RC	K9UVK	I2QMU	DL2AMD	R0QA	N9BVA
N8RF	KC2SST	IC8SQS	DL4IW	R6AZ	ND1T
N9RE	KD9ZR	IK2PZC	DL8XDA	SV8RX	NN4RR
NJ0F	KP3R	JA3HBF	DM3XRF	TF1A	NR3Y
ON6LY	KR4DA	JA3QOS	DS4CNB	VE2GHZ	NS4X
ON7BJ	LU3XX	JA7FAS	G3WXX	VE3EDY	NX3A
PP2FN	N1BB	JA9FO	HB9AGO	VE3YV	OZ6PI
VE3SKX	N3NO	JE1GWO	IK0UTM	W0QL	R2ARR
VE7BZ	N4WOT	JH8GEU	IU8IYE	W0VM	SV1XV
W2PD	N5OP	K0PX	IZ8EKL	W3KN	SV3EXP
W4CC	NN2D	K0RW	JA0JPD	W3SB	TA6N
W5DM	OZ7QB	K1VMI	JA0UMV	W4GF	TF3JB
W5RDW	PY6TS	K3GW	JA1EMK	WY4I	VK2DAG
W8AEF	R3BB	K3HW	JA1KZP	XE1L	W1KDA
W8PE	R7NA	K6DJ	JA2KTP	YB4IR	W1RH
WA1EHK	SP1NEN	K7STO	JA4HXF	YV5LI	W4DWS
WA2AOG	VA7ZT	K8CCV	JA7GAP		W5XU
WB9MSM	VE3GFN	K9ARZ	JE3CHA	109	W6EKR
WK1Q	VE7NY	KA4H	JF1KKV	4Z4KX	W7XE
WW5L	VK7ZE	KB2HK	JJ2VLY	7K1CPT	W9KM
WY7M	VU3WEW	KI7M	JM1GAW	AA4MD	WA0WWW
XE2MX	W1RG	KJ4YLO	JP1NWZ	AA4ZK	WA4YYM
YB0EIN	W4EJG	N1KM	JR0QFA	AA8BN	WA5YNB
YE1AR	W4JVN	N2FY	JR1RCQ	AJ9K	WA7BNM
YV4DYJ	W4UAT	N3BOB	JR2PZX	CT1CQK	WA8LRW
	W5FPT	NC6K	K0GW	DL1TPY	WB2UFF
112	W5MJ	NE1RD	K0HP	DL2RTL	WI7N
7N4OBV	W5TFV	NJ1H	K1LZ	DL9QJ	WY7FD
AA3K	W6CN	NR5R	K2GLS	EA3BL	ZS2ACP
AA7UN	W9LYN	OE1JIS	K3EE	EA3GCT	
AA9WO	WB4CTX	RV3GW	K4AFE	F4GVO	108
AC9O	WB4FNH	UA6MA	K4DET	G4EHT	9A3ST
AD1S	WX4TM	W1HEO	K7JI	G4UZG	9A5SSS
DF2WF	YU1GM	W3WH	K9AQ	HB9DRS	AC7ZG
DF5CD	ZS6NK	W5WI	K9GY	IK0XKP	AE4M
DJ7JC		W6IHA	KA1API	JA0HXV	AE4VJ
DL8DYL	111	W6ZPL	KB2RA	JA6JYM	AF8C
G4DBW	8P6SH	W7AM	KB4FXE	JA9IFF	CO7RG
HK4EB	AA8KY	W8QWI	KB4KBS	JF6AKS	DH4RL
JA0HC	AC0X	W9GG	KB5GT	JI4HKA	DJ5EY
JA9RT	AD4YQ	W9KX	KI0I	JI5RPT	DL3ANK
K0UBR	AI1W	W9MMZ	KK4TK	K0MFI	EA5DKU
K1KOB	AI4WW	W9WO	KM5VI	K1RY	F5UJK

G0KHO	W4WNT	N6ER	JH8DEH	W9FY	KR4U
G3VXJ	W8LYJ	N6JM	K0CF	WA3DCG	LU9DO
G4SSH	W8ZR	N7VPN	K0GEO	WB8RFB	LX1EL
I7PXV	WA3FRP	ND9M	K0GK	WD3P	LY3BA
JA0DBQ	WU4B	NQ2O	K0HQW	WS7W	N1XL
JA1SZN	WY2E	NQ4A	K1EP	WX0Z	N2PL
JA2CPD	XE1OX	OH3FVP	K2JK	XE1V	N3AS
JA4CZM		OZ2TF	K4GZ	YB0JH	N3ZA
JA5OP	107	SM3JLA	K4RP	YC0LOW	N4FN
JG1LBN	AI9U	SP7QHR	K5MMH	YO3NL	N5OGP
JG2LGM	AJ4IM	SV2DSJ	K7CTV	ZL1BBW	N6DW
JH3LCU	DK3TL	UR4CW	K7PT		N6VNI
JJ7XTV	DL2KUA	UR4IOR	K8CJY	105	N7KDT
JK7LXU	DL6ZNG	VR2XYL	K8FB	9L1JT	N7NM
JR1VAY	EA1AA	W1XY	K9SUH	AA4UJ	N9AX
JR3QHQ	F1ICS	W3UI	KB9AIT	AA4XR	NF7D
K1KZ	F8DZY	W3UTD	KC4PX	AA8SW	NS7K
K1XE	G0RPM	W5UQ	KD3UY	AB2NI	PA2SWL
K4DB	G3RZP	W6BBS	KE6V	AC5O	R3LO
K4JDV	HA8UB	W8LWU	KF8VX	AD5MD	RA6XV
K5LA	I4FGG	WA2PNI	KJ6ZH	AH7G	SM0EUI
K5VG	I5XFD	WA9IVH	KK8MM	DF8FT	UQ2GM
K6NS	IK6CGO	WB9UQE	LU4FW	DJ8KM	VA7DX
K6XJ	JA1ASO	WD4IXD	LY2PAQ	DL6DK	VE3MSK
K7QBO	JA1CJO	WF8R	LZ1HY	DL9NDV	VE9RJ
K8ZT/QRP	JA3GAK	WM4AA	M0RTP	EA1AZ	VY2RU
KD4RH	JA7XRO	WY9V	N0MR	EA1T	W1KMA
KD4SN	JH1AQN	YB0WWL	N4LB	EA5XV	W1USN
KE4KMG	JH1XFR	YO5OEF	N4WMB	F8GB	W3DAD
KE9XN	JM7TKK		N8TFD	HB9CA	W4CU
KX5V	K2GW	106	NA7RH	IK0WMJ	W4RQ
MM1PTT	K2IE	AB6FI	NK7L	IK2DJV	W4WIV
N1HO	K2WR	DL7AB	NT4K	IZ5IMB	W5ADH
N1TA	K5ZO	DM3CW	NZ0O	JA6MWF	W6SIY
N2TC	K6AHG	EA2CLU	OE9SLH	JG3KMT	W7MD
N4KEB	K8BB	EA3LX	OZ7BQ	JH2AHZ	W7VS
N8KOJ	K8POM	EA8TK	RC3D	JH3AEF	W8EH
NN7A	K8ZEE	EI4DQ	RV6ARZ	K2IUK	WA0GOZ
NT6AA	K9AAN	F5EOT	SA0AQT	K4RM	WA4HXC
OZ1OXQ	K9XR	F5RZJ	TF3T	K4VMT	WA6URY
PJ2HB	KI0G	G0THF	W0TF	K5FXB	WA8A
PV8RR	KI2D	GM0NAI	W1EBM	K6EGF	WA9SQH
S51DD	KI7HO	HB9ECS	W1ECI	K7AWB	WB0CHS
SP5LKJ	KM2O	HB9HFM	W1PY	K7KJ	WB3AVD
VU2IT	KM4FI	HC4L	W3DIY	KB1OIQ	WB4KZW
VU2OT	KP4N	HG6IA	W4AFB	KB5HC	WB5IUU
W0YDB	KR9A	HL1XP	W4LZW	KB8ZUN	WD1X
W2GHD	N2RD	HL4CBX	W4OEP	KE7UL	WK1J
W2ZK	N3YZ	IK5TBK	W5GML	KE8G	WO7V
W4EW	N4KZ	IZ4COT	W5PD	KJ6YK	XE3ARV
W4GD	N4WD	JA2VHO	W5SUM	KM4AF	YO6BHN
W4PGC	N5PO	JA6ENL	W6TGI	KN7K	
W4PGM	N5TF	JF1CZQ	W7SMW	KO4XM	

104	NE6V	K3GP	W7IH	K0ZM	VR2ZXP
AA6PG	NY2E	K4MQL	W7PC	K1CN	VU2LBW
AA6XV	ON6NG	K5NV*	W8KTH	K1HC	VU2MB
AF6O	PY2CP	K7RAN	W8LAQ	K1ROA	W0FF
DL6DCD	RW3QHN	K8CR	WA7IHN	K2FJ	W0PXM
DS3EXX	SL0AS	K8TLC	WA8MOA	K2MHE	W1DAR
EA4DEI	SM5NAS	KA2F	WA9BXB	K3IU	W4PM
F5VML	TI4SU	KB1CQ	WB2EBS	K4CKS	W5TZN
G4GEE	VR2KF	KC1XX	WB2GMY	K4NI	W7YED
GU0SUP	W1TW	KD1AB	WB3HLH	K4OP	W8DN
HA0EQ	W5AP	KF8PD	WB5TOI	K4VUD	W9LU
I3DUB	W6FUV	KI0KN	WB8PKK	K5GZR	WA8COB
IK4QJH	W7TUS	KI5GF	WB9TFH	K5PV	WM0G
IV3EHH	W8PAT	KN4T	WD4AFY	K6VMV	YL3GDM
IZ8EYN	WA4TMJ	KP4GC	WE9M	K9QA	YO8PS
IZ8FDH	WB6MBF	KS4Q	WK5X	K9WA	YV1AVO
JA1KXY	WB8EKG	KT6LA	WN5K	KA4JNB	
JA2DCN	WQ5G	KV8P	YB9AY	KC4GKY	101
JA3MIO	WV8DX	KW9K	YC6JRT	KD2SY	5P5Q
JA4AO	YL2IP	LB8CA	YO4AUP	KE3ZT	AA2VG
JA5EEU	YO5QAW	LU5OM	ZL1ANJ	KE5FXE	AD7XG
JA7TQK		M0PCB	ZL2AO	KK4CLY	AF3K
JE4WOK	103	M5LRO	ZS1DX	KM8V	C93PA
JO4JDU	AC4CA	N1KI		KM9Y	DJ3GZ
JQ3TAN	AC6ZM	N2QLT	102	KO4PRE	DK8IZ
JR2PAU	AD0TR	N2ZL	AA1DN	KU0S	DM5TI
K0FF	AF3X	N3NVA	AA1IF	KV1M	DO5SB
K0IL	DJ3NK	N4LS	AA5H	KW4BY	DS2BGV
K2DF	DJ3XG	N5RA	AB5YI	LA9PHA	EI3ISB
K2RNY	DL1ET	N5YY	AC8TO	N1EDN	EI6GF
K4KFH	DL1SVA	N6IBP	AD5BV	N1IN	EW2CR
K5RKS	DS4DBF	N6MXU	CT1YH	N2MG	F2AR
K6JAD	EA4S	N7NF	DL2XN	N3DAP	F6ARS
K6MYC	EI5GM	NA8W	DL5PW	N4DJT	F8DHE
K8TS	EI8IQ	NC6RJ	DS5JMG	N4PAJ	G4DDL
K9BJM	F3SJ	NM4Q	EI5JL	N8WL	G4VWI
K9JDP	G3VDB	NX1P	EI9FVB	N9HUK	G8GNI
KA5RNH	GM4ELV	OV5O	F4HAB	NA3M	GW4WND
KE1B	HA0IT	PY2DV	G0UGO	NG4P	HB9BNQ
KF0RQ	HL9HH	RA3LD	G0UII	NI7F	HI3I
KF6E	I0BJV	RM4C	G3JFC	NX3Y	HL1SX
KF8AR	I6XGZ	RZ6LB	G4AYU	NZ3L	I2YPY
KH6XT	IS0/YO3RA	VE1GBD	HC1HC	OH3PYY	IK2WSO
KI4RD	IS0MVE	VE1HA	I7LGM	PF7M	JA1BJI
KK4MA	JA8AQ	VE3GLA	IK2ECP	PR7AB	JA3WMS
LA3ANA	JA9IPF	VE3MIS	JA3MHV	PY2OP	JA5ALE
LA9VBA	JE4FNC	W1VEM	JA3VQW	SM7TZK	JA5XPD
LZ1SW	JF1MTV	W3ATV	JH1GNU	UA2CZ	JA8ANQ
N3COB	JH2CYU	W4TJE	JJ1KZZ	UN7BK	JH2AJY
N3STZ	JH5OTE	W5SG	JJ2BLV	UX4UM	JM1SMY
N4PF	JK2VOC	W6OP	JO1MOS	VA1SEA	JR3TOE
N7YQ	K1HDO	W6SA	JO3WHB	VA7FC	JS6QOM
N8PE	K2YEH	W6SFK	K0GX	VE3KKB	K0HIP

K0SQ	WB8TGY	JR1LZK	NJ4V	YO2OXD
K1JE	WD4OHD	JR3ADB	NO2EL	YO6HSU
K1YA	WF3M	K0MB	OM4KW	YU1LD
K2KNB	WS7I	K1YWW	OZ1ZD	ZL3PAH
K2RB	YB0AI	K2ITT	PA3GFE	
K2UT	YB1AYO	K2RKJ	R3DL	
K4TOR	YL7X	K2ZD	RA3UT	
K8ARY	ZL2LW	K3CWF	RA6XB	
K9EA	ZL3NW	K3HPA	SM7DXQ	
KA1NCN	ZL3TE	K3RRR	SP5ZCC	
KA4IWG		K3SUK	SQ5M	
KB5NJD	100	K4AEN	SV8RMA	
KB8DID	5N0ETP	K4HEB	TA2AD	
KC0V	A41ZZ	K4LRX	UA4PT	
KD0AA	A71XX	K5HX	UX5XK	
KD1YV	AA2MF	K6JBH	V31CQ	
KE9UA	AA2T	K7NW	VA3VF	
KJ4FZ	AB4KJ	K8ESQ	VE2ACP	
KK4ODQ	AE0MO	K8OS	VP5JM	
KM4EX	AF8P	K9CHP	VR2IL	
KU9S	AI4EY	KB2S	VU2DED	
KZ1X	AK4N	KB3KJ	W0GXA	
LA9JKA	AK9B	KB4CP	W1FP	
N0IRM	DG0OAT	KB4FB	W1KQ	
N1GNB	DL2YBG	KC4DM	W2FS	
N4ST	DL3XAC	KC8YG	W2RL	
N4VG	DL6ZBN	KE5MMT	W3EP*	
N6RVI	DO2UDX	KE8NOA	W4LEW	
N7ELL	EA2RY	KF9WV	W4MIR	
N8LIQ	EA4D	KG6KH	W4UT	
N9OK	EI5GSB	KI6PG	W4YR	
NE5W	F1OBJ	KJ4EX	W5IO	
NK6O	G4SGX	KJ4UZU	W5WS	
NZ3M	GI0VJE	KL7XO	W6OU	
OH2LHE	GM0VIT	KN4OK	W6PG	
RW9LL	HB9CZF	KU4A	W7NUW	
UA3FT	HL4XM	LA8W	W9COS	
UA3UCD	I8YAV	MW2I	WA9EZT	
UA9CIM	IK2HLM	N1GFV	WB2AMU	
UR3HC	IZ0GKB	N2JNE	WB2BXO	
UY5AR	IZ4IRO	N2XTT	WB2MKX	
VE6TL	JA1BDF	N3CAL	WB4JPG	
VK3FNJ	JA1EYN	N3MX	WB6RAB	
VU3CAU	JA2ODB	N3PV	WD0AJG	
W3GP	JA3BKP	N4GOA	WD1Z	
W5TSB	JF3MKC	N4UP	WI0E	
W5TUF	JH1HRJ	N4UY	WK3A	
W6QL	JH8CFZ	N5CR	WM1L	
W7WT	JJ1IRS	N6DKZ	WM9Q	
W8JY	JM1JZN	N7ZT	WQ5T	
W9IE	JP1GUW	N9AKR	YB0MWM	
W9QO	JQ1YIW	NA9L	YB1BML	
WA3YGQ	JR1AHH	NE3K	YB2TS	