

ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 31 Dec 2024, 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.

348	JR2KDN	PY4OY	SP8AJK	SM6CVX	W8UVZ
K2TQC	K4DY	SM3NRY	W0MHK	WB9Z	WB6RSE
	KF2O	W1DIG	WK3N		
347	N6AR	W7UT		332	330
K4CIA			334	AA7A	DJ2YA
K8MFO	341	337	AA1QD	DF3GY	DL1AMQ
N4WW	4X4DK	DL4MCF	DJ9ZB	DF4PL	EI7BA
SP5EWY	DJ6RX	I4LCK	EA4KD	DJ8NK	F6BKI
W1JR	G3KMA	JA3FYC	JA0EOK	EA5RM	HA5WA
W4DR	K5UR	K1ST	JA5AQC	GM3YTS	IK4DRY
	N2TK	W2YC	JQ3DUE	HB9BGV	JA1ADN
346	N4CC	W3LPL	K4XO	I4AVG	JA3EMU
N1DG	NN4T	W9IXX	K4XP	JA0UUA	JG3QZN
SM3EVR	OH2BU		N4XM	JA2FBY	K3WC
W9ZR	OZ3PZ	336	N8DJX	JA4DLP	KD5M
		AA6YQ	OE6IMD	JL1UXH	N4JF
345	340	G4BWP	SM5AQD	K0IEA	N8JV
HA0DU	AA1V	JA1WPX	SP2FAX	K1OA	N9IW
OH1XX	DJ9KG	JA2JPA	SP3EPK	N2LT	NR1R
	EA8AK	K2FF	UA6A	UA4HBW	OE3GCU
344	JA4DND	K4HGX	W1YY	UT7QF	OK1MP
JA2VPO	JH4IFF	K5RK	W4PK	W5BPT	SP3E
K4PI	K4UTE	N3XX	WD5COV	W9RPM	VE3FF
OZ1BTE	N0AT	PE5T			YO5BRZ
OZ1LO	PA3FQA	VE3XN	333	331	YU1FW
PY2XB	SP5CJQ	W0BV	EA6SX	DJ9HX	
SM0AJU	VE3EJ	W2LO	F6AOJ	EY8MM	329
VE1YX			F6EXV	F6DAY	GM3POI
W3YX	339	335	G3XTT	IK8HJC	HB9BZA
	CT1EEB	AG9S	JA2KVD	JA1HGY	I4MKN
343	IK1GPG	G0JHC	JA5MHD	K4MWB	IK5HHA
K3FN	JA1UQP	JA1BK	JR3IIR	LA5IIA	IK6DLK
K4MQG	N4CH	JA4LKB	K3UA	LZ2DF	IT9DAA
N4MM	N8DX	JA5AUC	K6YRA	N5ZM	IV3JVJ
VA3DX	SM3GSK	JH4UYB	N4AH	NJ6P	JA2JW
W3UR		K8SIX	PY2BW	PY5HOT	JA7KY
	338	N0XA	PY2SP	UT5UGR	JE2URF
342	JA5EXW	N5UR	R7LV	W4DKS	JH1GZE
DF3CB	K9NU	OK3GU	SM5CEU	W5OZI	K0EU

K1HTV	JF1WPB	JA9APS	J12KXX	318	W9ILY
K4CN	K8PT	JE1SYN	JJ3PRT	A45XR	YO3APJ
K4ZYU	LU2NI	JF1KKV	JR3OEH	AA4HP	YO7LCB
N5AW	N7RT	JH2FXK	K2UO	DJ4AX	
NI0G	RA3CQ	JR3GWZ	K2VV	DL6KR	315
NO8D	RU3FM	KF0QR	K6FG	EA1YO	9H1SP
OZ1CTK	RZ3AM	N5TY	N3NT	G4PWA	AB3CV
R4GM	SP5DIR	OH2BLD	OE6MDF	HB0CC	AB6QM
SP6CIK	W8DCH	SM4DHF	OE8RT	JH4JNG	DJ5FI
SP7GAQ	YO9HP	VE2TZT	SM6DHU	K2TE	G3VKW
SP8NR		W3LL	UT7UJ	K4IQJ	IK4DRR
W0DJC	325	W3NO	W4FC	K5BG	JA2IVK
WA1JMP	EU7A		W8GC	K5DU	JA8RJE
	IZ0AEG	322	W8OI	K9IR	JR2BJE
328	JA1SJV	CT1BH		K9YY	K8NVR
AA1ON	JA2FJP	EA2IA	320	KX4R	KE9L
AA5AU	JA5WIZ	EA5BY	DF2RG	LA2PA	N5DG
DL7MAE	JS2LHI	G0DQS	F5PAC	PY5EW	N5OK
G4OBK	K0DEQ	HB9DHK	G3TXF	R3VA	OE3EVA
IZ5EKV	K5EK	IK4GME	I2EOW	RA7A	ON4IZ
JA6BZI	K9EU	JA4FKX	IK5PWQ	VE3LYC	PY2NQ
J14POR	OE2LCM	JF3KON	JA3PIS	WP4U	SM3VAC
K4QL	ON4IQ	JH0INP	K1LD		UX1UA
K9CT	SM4EMO	JJ2LPV	KV7K	317	
PY5EG	SP1S	JR2LJO	N4II	IK2YCW	314
SL0ZG	SV8CS	KU0A	N5XZ	IK8YTA	CT4NH
W2IRT	W1ECT	KW9A	NY0V	JO7WXN	DL6CNG
W4UM	W1RM	N1NK	SM5KNV	K2RW	DM5EE
W5FKX	W6RLL	N4DW	SP7VC	K6YUI	G3NDC
W5ZN	W9OP	N4NX	UY5ZZ	KA9CFD	IZ8FFA
		N8RR	VE3EXY	N2BJ	JA2AH
327	324	ON4CD	W6XA	N4QS	JA2ZL
AB4IQ	DK9KX	OZ1AXG	W7AO	RW3RN	JF1PUW
CT1APE	DL5DSM	R7DX	YV1DIG	SP1MGM	JR4OZR
CT1IUA	EA5BM	UA3AB		W6VX	JR9LKE
DK5WL	I0WDX	UA4CC	319	WX4G	K1BD
DL2OE	I5NPH	VE1DX	AA4V		K2LS
HB9AMO	JA2DPC	W5CIA	FK8CP	316	K5AQ
IK4BHO	JF7XKY	W5TCX	JH3CUL	DK2NG	KB0EO
JH1TWT	JH8RZJ	WI8A	J11DHY	DL5WW	KC9ARR
J18DGO	K5KC		JR7VHZ	GM0GAV	KG8P
N6JV	N8BM	321	K6AM	HB9HFN	OE1AZS
PY2YP	NK1K	AD1C	K7NN	JA2JNA	OE1ZL
SM2GCQ	OE8HIK	G4CCZ	N4DB	JA8EAT	SM4DDE
SM5CZQ	R3OK	HB9BIN	N4PQX	K3WA	SV1DPI
SP6M	SM6CCO	JA0GJJ	ON4AOI	K4HB	SV1JG
SP9DWT	SM6CMU	JA1XEC	PA3EWP	K8YTO	UA6MF
SV1RK	W9OL	JA2BDR	R5AJ	KQ8M	UT9FJ
W5XX	WB4TDH	JA3AZD	SV1FJA	LA7HJA	UX0FF
		JE2LUN	UA3AP	RV3LO	YU3AA
326	323	JH1IFS	W3KX	SP1JRF	
I4EWH	AD5A	JH3VNC	W5WT	UA3DPM	313
JA7MSQ	EA3GP	JH4ADV		W7MO	5B4MF

AA5AT	LA7AFA	YS1RR	W5XC	W4QN	SM6CUK
AB9V	LA9AJA		WA5VGI	WD4LBR	UA9FAR
AC4G	MD0CCE	307			UN6T
HK3W	RL9F	DK2JX	304	301	VE3BW
JA5IU	SP6HEQ	EA6VQ	DK5AD	AA5AM	
JR1BLX	W0YG	F2JD	DL5EBE	AE5E	298
JS3CTQ	W4BP	G0BLB	JA1IZZ	F4BKV	5B4AHJ
LB8DC	W7CT	HB9SLO	JN3SAC	HK4SAN	AC0A
N8KOL	WB0TEV	I5HOR	K0KVR	IZ1LBG	DL7BA
SP3CGK	WD9DZV	JA2XW	K8AC	JA0DIN	G5LP
W1GL		JA3GN	K8GI	JA1IOA	HP2AT
WA7NB	309	JA6WJL	KC7V	JA1LSP	JA4ITW
ZS6EZ	EA8AKN	JH1QAX	N7US	JA2WYN	JL2JVX
	JA1EOD	JJ3HGJ	N9RS	K4SE	JR7WFC
312	K0KX	K2SHZ	UY5AA	K6RO	K2PK
CT1DKS	K1AR	K3RA	W5ADD	N9AU	K8EUR
DK1FW	K8QM	K9MM	W5AJ	NQ1K	N8TR
EA7TV	K9ZO	K9RX	ZL3JT	RN3QN	ND0N
IK2QPR	NE1B	NI6T		SV2AEL	PY2VA
JA1ANR	NN4SS	NS6C	303	US5WE	ZL1BYZ
JA1SYY	NU8Z	OZ4O	EA3GHZ	WB5JID	
JA1XCZ	R9TO	W6ENZ	G3LZQ	WE9R	297
JA9CWJ	RA0FF	W7OM	HL3IUA		DL4CF
K1HT	RX3AGD		IK2RPE	300	E73Y
N1IBM	UA4LY	306	IK4ADE	AA8CH	HB9BOI
N5ORT	W2JU	DL1KUR	K5WAF	DL1TRK	HB9CQK
RU3QR	W9RN	G0OIL	K7WP	EA1AF	HL4CJG
WA2VYA		HA1RB	K7ZA	HB9DDO	IK5RUN
WB8BPU	308	HB9DDZ	K9US	IZ5RVG	JE7JDL
	DL2CHN	IK4PLW	RL3FA	JA9AA	JE8CLT
311	IK0PEA	JG4AKL	RW4NN	JK1EXO	K4MS
F3SG	IU7QBB	JH1AGU	SM2OAN	K3XA	K6ND
I3BUI	JA1GRM	K5XI	SP7HOV	K8GG	K8WK
JA2XYO	JA7IC	N4TL	SP7ITB	K8TL	KG7H
JA4MRL	JA9TWN	NN4R	W1SKU	K8VJV	KT1J
JA7JWF	JF8QNF	R9FM	W7DO	KB1JZU	W6YI
JR1BAS	JH1NYM	WB9CIF	WT8C	MM0EAX	
PY2XU	JH1SJM		ZS1LS	PA3CSR	296
SV2DGH	JL1RUC	305		UR5EDX	AA8OY
UR0MC	K0GY	A65BR	302	W6TC	EV1R
W8HW	K2UU	DJ4XA	DJ5JH		JA1SVP
WD0DAN	K4SO	JA1VSL	DJ9ON	299	JA2VQF
YB5QZ	K8OM	JH7RXU	EA1N	CT1FMX	K6FW
	KN5O	JR2UBS	F5CQ	DM2DXA	K8VC
310	KS1J	K0JUH	I1EIS	EW2A	LA8PT
JA0CRI	LA7JO	K6KLY	IW1ARB	G3SVD	N0RB
JA5XAE	OE1WEU	KG4W	IZ2AMW	HB9RG	PY7DJ
JA6VQA	R7NW	OE3SGU	JG3LGD	HL2IFR	RA3QK
JA7QVI	SV1CNS	PA5TT	K9MK	JA7BWT	SM6BZV
JF2UPM	VA5DX	RA9CMO	KI0KB	JE1DXC	SV9COL
JR6FC	W2QO	SM3NXS	SP2BMX	K6SIK	UA6YW
K4EM	W9MU	UT2UB	SP9JZU	KM4H	W3RJW
K8FL	WA8WV	W1YM	W0VX	LA3WAA	W9JA

295	DL5CW	W5VY	S57AT	JN1BMX	280
AD6W	EA5AT	WB9EEE	SM5ARL	SM0CCM	GM3PPE
DL1DUO	G4GIR	XE2CQ	UN7JX	SM6CTQ	HA5VZ
IW0SAF	G8DX		W1VT	SP3IBS	IZ3ENH
JN1RQV	HB9TKS	289	W4YCH	W2AY	JA2IYJ
K5VIP	IZ3ETU	AJ6T	W7BEM	W4FQT	JA6TMU
K5ZK	JA1JAT	DL9TJ	WA6F	W5ODD	JF1NZW
KB8VAO	JG0CQK	IW0HQE		W8BBQ	JH1BNC
KD3CQ	K7ZD	JA3EOP	286		JH4ALY
SP8HKT	K9SM	JA8EJO	AB5A	283	JR6LLN
SV1GYG	LU4FPZ	JA9FAI	CT3HF	JA1RTX	K1USA
W2GG	N7TY	JE2LPC	DL2VPO	JA1XPQ	K4WNW
W5LT	N8II	JG1WSC	EA6ET	JA9FPI	PY2DS
W6XK	R6AF	K3FRK	HL3GOB	JE3ENP	SM5CZK
YO2RR	SP5IWA	K4XD	IK0XBX	JG3FEA	UT7UV
	W6SR	KK0M	IZ8XQC	JL1XMN	W8LGJ
294	WA3AFS	N2NL	JA1QXC	K3WW	WA9PIE
EA6NB		R0FA	JA5BEN	K5DHY	ZS4TX
HA9PP	291	RA1QD	JF2WGN	K9NW	
HB9CEX	G0EHO	VE3EK	K1GG	KJ6P	279
JA1BPA	GM0AXY	W9YSX	K1LPS	LA8HGA	JA0PE
JE1GWO	JH1BAM	YB1UUN	K1RO	OE8SPW	JA9IFF
JG8FWH	K3PA	YO2CMI	K5PS	W1LW	JE8TGI
K5MC	KP2A		LU8EKC	W6BJH	JF2XGF
K7ZV	LA5HE	288	N8SNM		UN7LZ
KZ4V	N2TN	4Z4DX	W3GQ	282	VE3DZ
N0KV	N4RWG	IK0HFO	W6PJ	GM3YOR	VK3HJ
OE5BWN	VE3CFK	JR1DUP	W8AV	JA1FQI	W3JX
R5DT	W9FR	KD0Q	W8AXI	K5UO	WN6W
RU6L	ZS2DL	N6UK		LZ2JE	
SV3DCX		NA5C	285	ON6AA	278
	290	PY2KP	4X6ZK	RD3AW	9A4T
293	9K2OD	UA3AGW	AJ9C	SM4CTI	E72A
AA4R	AA4A	W1EQ	CU2DX	UA0BA	EA8RR
CU2AP	EC3A	W1YIF	DL2SWN	W7AL	EI9JF
DL1HRN	I4KDJ	W2LE	EA3GHQ		F2NH
DL1SMA	IZ4MJP	W2NO	IW1QN	281	JA8LRG
EA3WD	JA1KQX	ZS2EZ	IZ0RVI	AD5Q	K0GD
IV3YYK	JE1LFX		IZ8DFO	CT1FCX	K2UR
JA2CXF	JE2EHP	287	JA2FGL	EA5OX	K5RT
JA3RQ	K0BBC	9M6YBG	JA2VMU	EI2GLB	KD0PO
JA7LGE	LA2QM	AA8LL	JK1GOK	F3AT	SM0NJO
JA9GPG	LA5LJA	HB9BAT	K0TPP	IZ8FDH	VE3CRG
JM1FHL	LU3CQ	IV3GOW	K6GXO	K3UL	W8MHW
K4JAF	N9FN	JA1WSK	K6PJ	N2WB	ZL4TT
N2LM	PP1CZ	JA2ATE	OE1WHC	N5GH	
PY2IQ	SK3PY	JE2DZC	WK7E	W0LS	277
S55DX	SV3AQR	JE2OVG		W7ZJ	EU1KY
W9AJ	UN7TW	K0AZ	284	W8KEN	F5UJK
WA4FFW	VU2NKS	N7IR	EI9FBB	W8TN	JA3ENN
	W2LK	N7RO	IT9CVO	XE1KK	JA8EOT
292	W3OA	R9SA	JG3SKK		K2AJY
AI9L	W4VIC	RM0F	JH3SIF		K8UT

N5LZ	273	CT1EAV	267	LA0FA	261
UW2ZM	JA2TBS	CT3MD	AA4FL	N1GC	HB9IQB
VU2PTT	JA6BEE	DK8MCT	JA2QXP	PA7TWO	IZ8IEV
W3BW	JH3GCN	DS1JFY	JA7BEW	SV1CQN	JH3KAI
W9MJ	N4IG	EA1KY	JJ3CJP	VE6AX	K2FW
WF2S	NK0S	F9XL	JJ1TKN	W5PF	K7LJ
WT4Q	OH1JP	JA3XNH	K6IPM		LA5SJA
276	OZ1ACB	JA8DNV	ND4X	263	N3RC
DK3WW	RW7M	K0BJ	OH4UI	AB4SF	NX0I
HB9LCW	UR5WA	K7UA	R8TX	DK4TP	OM8FR
IZ5BAM	W1OPD	K9JF	SM5BMB	EA3CJ	SM4AZQ
JA7FWR	W4HG	N4JQQ	SM5FUG	EA4DL	SM7CQY
JA7LMZ	W8QZA/QRP	N4QQ	W1KSZ	HA7UW	W4UCK
JA9NLE	272	PU2POP	WA0MHJ	HB9RYZ	ZS6WB
N5MOA	AF9H	VE6LB	WB2BIN	HL4GAV	
ON4CAS	CT1GFK	W8HC	266	IZ4DPV	260
RX4HZ	F5PBM	WL7E	7K1PTT	JA7XBG	7M4AOE
SM5CLE	HK1MW	269	EI8IU	JR8AMF	AA9A
VE1JBC	I5OYY	IK8EPC	IZ8VYU	K1KO	EA8MT
W1YRC	IK5PWN	JA1OVF	JH1HHC	K2KA	EA9IE
W1ZT	JH0BQX	JA1VLK	K8AJS	K4RG	EC1AIJ
W2OIB	JH7BKN	JP1NWZ	K8ROX	K8FH	FG5FR
W5GO	K1DG	K0KT	KQ4AV	KN6KI	G3UAS
W8RLS	K7EG	K9MBQ	OZ4VW	N1RR	JA1KPH
275	K8BL	N4UOZ	PZ5RA	N7BT	JA2FBC
HL2WA	KI4GE	NW7E	RA4CA	NF1G	JA3WLN
JA2JRG	LA3MHA	OM4EX	W0FLS	W6RS	JA6GPR
K1DT	N9RD	PE1L	W9HBH	WA4LOX	JH3FUK
N2JJ	OE5FIN	SM5FWW	WB2GAI	ZS6NJ	K1ESE
N7KA	PA0ZH	W1MK	WB3LHD	262	K8YSE
N8PW	SV1ACK	W3ACO	265	CT1BWU	LY1G
PA7RA	W2OO	W4MAY	G3WPH	CU3EJ	N6MZ
W4OX	W3AP	YB1AR	JA4FM	I5REA	N6RV
WO7R	ZS1A	268	JH4HMG	IV3VBM	NN4X
274	271	CT1FPQ	JO4CFV	JA8BAR	SK7AX
DL6JZ	4X1RU	JA1NWD	K2CBI	JG1OGM	SV1FJP
EW1KP	AA8R	JA2XCR	LB2TB	K8AV	TG9NX
IK0AGU	I1FQH	JK1TCV	N5KM	KF2DT	WA5LFD
IW0HOU	IK2DZN	KA1ERL	N9JV	LA9FFA	259
JH1IAQ	IZ8EJB	KB1EFS	W7MEM	LA9VFA	4F2KWT
K3PT	JA0DET	KD4W	XE1MEX	NK4L	DJ8NT
K6UM	JE6TSP	N2AJ	264	ON5UE	EW1BA
KA8ZPE	JM1HJG	N5JB	4Z1UF	W0GG	JA8BNP
KS3F	K3PU	NA5DX	DF2GH	W5ZG	K2UFM
OE2GEN	N6TA	OH1ZK	EA1KP	W6NWS	K9FN
RA5BM	N8LJ	SM5ENX	F6DBX	W7LGG	NI3P
SV9AHZ	UA3TT	SM6BGG	JA8ZO	W7QDM	PY5CC
UA3ECJ	WA3C	W2FV	JR4LNG	W9PZT	W7AH
270	270	WA1YTW	K1CA	WA3GFM	WA1S
AA6AA	AA6AA		K5VWW	WB8ART	258
				YB2DX	CU3EQ

DK7YY	IV3TMM	JH1ACA	UN3GX	W5DM	N6HY
JA9AGN	JA1VRU	JH4CBM	VU2CPL	W9JJB	N6KZ
KH2L	JK1OPL	JL1BYZ	W0RX	YBONFL	SV1IW
N3VA	K7XB	K6BV	W2GW		VK3BDX
SA0AQT	KR4F	LA5YJ	W9RC	244	
US0YA	N1RK	W2ZI	XE2D	HB9BUN	241
W1SSN	N8OC	W7CA		HL2KV	AB5C
W8MET	NA5Q		248	IK8UHA	AF5CC
W9EWZ	VR2XMT	251	AK5X	JA1CZI	HC1BI
WA0RVK	WS9V	9A4W	G3VPW	J16IHG	IS0AFM
ZL2IFB		DL2RTL	HB9DOT	K0KG	IZ8FWN
	254	JA5BGA	JA1EMQ	K1EFI	JF6XQJ
257	BA7IO	K1FEV	JJ1SKG	K1YR	JP1IOF
AF4HX	CT1BWW	K1SM	N4XP	K6EID	K7KB
BA4RF	E72U	K4VIG	OZ1LCG	K8RRT	KV1E
DJ0UT	EA3EQT	K8CW	W5JAY	N0RN	LA9GX
DS5ACV	IZ5YHD	LA6UL		N1EN	W3ABT
EA7SG	JA3VPA	N4SC	247	OE3HWC	W5DNT
EB3CW	JF2WXS	N5UL	HI8R	SP6A	W5QM
IK2PZC	JH1VUO	SP6JIU	HL3DE	W4REX	
IK4AUY	K3SEW	W2JLK	JA1DDZ	W5PJR	240
IK8VRH	KI1U	W3FI	K1PL	WA3F	7K1CPT
JJ1DWT	KI5BLU	W4SK	K3VAT		DH2PC
N6HC	N4LR	W5GAI	K6EME	243	GU0SUP
N6PSE	UA3O	W6DE	KM1D	CT1FUH	JA1DM
PY2MC	W7YAQ	W8JRK	N7DED	CT3KN	JA2FSM
RU1AB			VE3YV	DS5TOS	JR1WCT
SM7IUN	253	250	W8IQ	G4XRV	KF0LA
SV1VS	HB9DHG	CT1DOF	WS5W	JA2EPW	KF7F
W8MJ	JA4VLK	EI6FR		JE1HRC	N0ABA
	JA6IVR	HA7TM	246	JF1LMB	S51NM
256	JA8XQI	IK0UTM	FG4NO	JR5JAQ	UX5UO
BH4QYX	JE2RDO	JA8CJY	IV3KFB	K4ZO	W0SZ
EC1A	K6MKF	JL1MWI	JA7HRM	K8ME	W8IW
FG8OJ	K8DV	JR0EQQ	K2SN	N1API	W8WEJ
IK4HPU	KE1F	K4KAY	K9YC	N4QWZ	WA4CEM
JA0KJE	N5BO	K9ZM	KM6HB	NV9L	XE1RBV
JF2VAX	N7XR	KQ3F	N2DPF	W1BR	
JH1RGG	NT5V	N1SV	N3KN	W8OP	239
JH4GJR	UA0FO	PA0JSE	W0JM		6K5YIA
JM1GHT	VE3YF	PY2FN	W1KMA	242	AA7G
JM2RUV	W2XI	UN3G	W3ICM	G3KMQ	DJ9RR
K0TT	WF4U	W7HPW	W5ZO	HL3AMO	DL9FCY
K1UU	YB0COU	W7IU	W6RW	JA4ZA	IZ1JMN
K4JJW			WQ6Q	JH1WJR	IZ2FOS
M0TTB	252	249	WV6E	JH4ADK	JA4HAW
N9ISN	DL7UPN	IZ8GGF		JJ2WOC	JA6CBG
W1KDA	F1ICS	JA8FFM	245	JK1VXE	JA7KE
	G3KWK	JR3UIC	AJ8MH	JR1MLU	K2XF
255	G3NKC	K9NR	JA3QOS	K4PB	K8YYY
AI6Z	JA1BNW	NU1B	N0AH	K7FEL	N8SHZ
EA5RD	JA8UIV	OZ5NJ	NZ3O	N2NS	OE3KLU
F6ECI	JF3PNQ	SM4OLL	S55ZZ	N4HB	OH7TV

WA6JA	JR7GBL	233	W0QQ	227	W5GZ
WB7B	K1ACL	AA9GR	W4UDH	DL2RUM	W5TFW
238	KM3J	AJ4A	WA2USA	HL2EIZ	W8CZN
EA1JO	N4GN	DH0GSU	230	I0MWI	W8UV
HB9MFM	N6IE	EA4DEI	F6HLC	JA0DWY	YO9FNP
JA0LXP	OE2BZL	EA5AR	G3LUW	JK1SQI	224
JE1PNX	OZ7FOC	JH1SOD	JA5NPV	JK1WSH	DK3PZ
JE2VLG	PA0TCA	K8BN	JA6AVT	K1GE	EA7QW
JF0JYR	SV1HEP	K8EAB	J11VVB	K5GH	JA8NFV
JH3FHQ	W0HBH	KJ7M	K1KA	KF9UG	JO1LVZ
K9OR	W2YR	N2NW	K1XV	N1NU	K1CBK
KA4RRU	W4GIW	N9BX	KB9DAK	N6OJ	N3RW
M0CSD	W6DR	NE3F	W8WVM	NF4A	N7WO
N4PJ	W9OO	PY5IP	W9YE	W5SL	RW4CY
N5ZC	WA1PMA	SM0XBI	WB2NPY	WA9GON	SM7BHH
N9UA	WY6N	W2NRA	229	YL2KF	SP6AXW
W2TB	YB2TX	W6YOO	AA3LX	226	V51B
W4KA	235	WA8MCD	AE0P	DM2RM	VE3SKX
WA4QMQ	EU1U	WB2KSK	G4FKA	HA5PT	WB0O
WB0TVY	JE1IBI	WD8PKF	IK2GAJ	I0OSI	WN6K
WB8CQV	JH2VVH	WE4S	JA2OLJ	IK7FPV	223
WV9L	K0VSH	WV4TN	JE1VTZ	JA1PBV	AB4UF
237	K4QE	ZL4AS	K0HD	JH1IED	AC9O
CT1BOY	K5CWR	232	K3FM	K2BA	AF2C
G0VXE	K8ZM	AC9EM	K4CMS	KH6M	E21EIC
HB9CXZ	N2FF	EA1RT	KD1F	KK4OK	EA5B
HB9JOE	N4IQ	JH6DUL	KI4DLS	KX2A	EA7DUD
IW3GJF	NW4M	K4ST	KS4S	N2KX	I8MTQ
JF2OZH	TA1CM	K5FNQ	N4NW	N5ET	IK2RZP
JH1DGQ	W4PNY	KF7PG	W1WC	N6BM	IZ8MBW
K0DD	W7YW	NY2NY	228	N9AOL	K6IPV
K1RV	W9FI	OZ1IKY	7J1ADJ	VE7TK	KG9Z
K2NV	234	RK4FD	F1RAF	VK4CAG	KI6CG
N4HID	DF7EE	RQ3A	F5LIW	W9DX	KW4V
SM0MPV	DK2CC	W2/CT1GIF	GW4TSG	225	N2SQW
W8UN	HB9BYQ	W3FOX	JF1RYU	DK5RL	N4ENE
WA0ROI	HS1NGR	W6CYX	JH1ERJ	DS5DNO	W7IB
WB8B	IK0LNN	W9ZCL	JH2PWY	EU1M	222
WB8ZRL	JA3BXF	231	JH3GFA	JA1IAZ	AA0MZ
YO3JF	JH1APK	AD5WB	K4JC	JA3FHL	AH0U
236	JK1BSM	DK6OR	K5FZ	JF1MTV	AK5Q
HB9ZS	JR1VAY	HL2ZN	KB1DMX	JH8NQV	DJ9SO
HL2CFY	K4MF	IW7DVM	KE4UW	JL3OUW	DL5XL
I0JBL	KE5FXE	JA1MZL	N6PM	K0OK	E77S
JA1HOM	KE8UM	JH0AWC	NH6T/W4	K1JIU	HB9EFK
JA1JYE	N4OA	JH1UBK	RA3QUA	K5YU	IZ7AUH
JA3KNN	ND4V	JJ1QUV	W2DXE	KA8SYV	JA9NFO
JH1DGJ	NV4B	KD6UO	W8GNM	MU0FAL	JH0OXS
JK1UNZ	W3WST	LZ2XF	WB8K	N9SF	JM1VRW
JN1NOP	WA4JQS	NA4EA	WC3W	SM3LGO	K2AT
	WA5UA	SM7NDX		W3MR	

K2HAT	KG6I	NC4RB	JA3NHL	WW2DX	206
K6ZZ	KI7AO	NJ7G	JJ1BMB	YB0DJ	3A2MW
KJ7TEA	KR6C	PS8ACL	JR1EFG		HB9CRV
KK9H	N1KC	W0SR	K2RU	209	IW9DNI
KS4YT	N6DX	W9MO	K4JWA	K0VM	IZ4DIW
RA4P	NA9RB	WB3D	K5ALQ	KB4MRX	JF1IRW
VE7BV	W6GRV	WS1L	K9GA	N0ODK	JN1NBU
W6AER	WA3I		N4TOL	NE6I	K8NK
	WB4KTF	215	N8GP	OH2IS	KK5OQ
221		9H1EJ	NA2M	PU1KGG	KK9T
AG1A	218	AA7XT	VK3FM	SM5BNK	KO6KD
EA2AAZ	DL2NOM	I5XFD	W2KA	W6DCK	KW4CQ
G8AJM	DL4NBE	IZ0BVU	W3BJ	W8BLA	N8BJQ
J11NJC	DS4AOW	JA4CZM	W5GA	W8HMK	NA9Q
JR7FRW	I7PXV	JE2UFF	W7HR	WB0ULX	WA3WZR
K5DV	K1NTR	JH5HDA	W8LMG		WB0N
KU4XO	KE3D	JT1BV		208	
RU0SN	KV4AA	KE6V	212	DL8SDC	205
W0BM	N4JT	KF4NEF	G4ZOY	JH0NOS	AC9S
W4DEE	TZ4AM	KX4TT	JA1BWA	JR3VMJ	CU3AN
	VU2CDP	N8NN	JE2EBT	K0THN	DL4LAM
220	W9KVR	N9PGG	JS6TWW	K4CGY	DL6UNF
AA6RR	WA2NPD	RN9N	KU4BP	K4WES	GM0VRP
DL4DW	WC4H	VK3NX	PY2RO	K5RJ	IK0WRB
EA5DFV	WX2U	W0FG	SM5AOG	LB5WB	JA4DHN
EI9FVB		W0TT	SP5LKJ	NW6S	K3WWT
IK1IYU	217	W1JGS	W5DAW	W1FA	K4YYL
K1DJ	IK0CHU	W2PP		W4WN	N9KW
K4EU	JA2NNF	W4IS	211	W5FPT	OH3OJ
K4MIJ	JA7ZP	W6SL	JA3LDH	WA6G	UN9L
K5MT	JG5RVQ	WE1P	JE2KSM	ZS1J	WA4MME
K6MM	K4KGG	WW8W	JJ1KZZ		XE1J
K7AWB	N6QI	ZL2AL	K1NJ	207	
KB5UNX	NA2AA		K4YJ	9K2BM	204
KV4T	OZ0J	214	KT2C	JF1WLK	EA2AFV
KZ9DX	SV8DOU	DJ3AS	LB6KC	KE1VT	HB9DVO
NA5Z	W0TM	F4GVO	LU6ETB	KK2M	JH1OBS
NG7M	W8FIB	JN7DOS	N1BY	M0IKW	JJ6DGP
ON4ATW		K0QQ	N6PEQ	N4FN	JR0QFA
PA3BWD	216	K2AZ	VR2XLN	N9AKR	KB5HC
SM0DSF	CX2CC	KB6CIO	W5THT	OE1JIS	KM9E
UR4IOR	DJ3XG	W0KCJ		ON4ANN	W4GP
XE2X	G4VMX	WB6BFG	210	RD9M	W7IV
	HB9DQV		JA1OVD	SP7ICE	XE1L
219	IZ0NRG	213	JR2PZX	TF3DC	ZS2Y
F5JSD	IZ1JLG	9A1AD	K0NV	VK2CA	
HB9BNQ	JA2VHO	AG3V	KD4SN	W1MJB	203
HL5BMX	JH7WQX	DK3UA	KD8RQE	W4GE	DF3EC
JA1FJJ	K2TER	DS3HWS	PY2WC	W7NN	F5NBX
K3EA	K3NQ	HB9HIT	S54A	W9QO	IK2RGT
K5JZ	K7LV	IV3FFI	W5WP	YB0MWM	IZ0BTV
K9JU	KK4OW	JA0EVI	W6WF		JA7JPZ
KD2T	KR4W	JA1FVS	W7FP		JH8NBJ

K0CS	N4TD	XE1H	W5VQ	AC4VM	187
K4JKB	N7ELL		W7PAQ	BV1EK	IK8GJR
K9OW	PY3VB	196	WA1NXC	DJ9KV	K3NF
K9TF	SM7GIB	AG5W	WI7P	EC7B	N6NU
KA1DJ	VK6LC	CT3CD		G3WW	SV8CKM
KM7R	ZS1DX	G7SSE	193	G4XEE	W5ZE
N3PS		I7LGM	7L4VYK	HL4CCM	W8UQ
N4TV	199	I8YAV	AE4CW	JA2ITK	
N6PAT	AA3TH	JA1XRA	DH3KM	JH8KFE	186
SV1FKZ	AC0X	JA2NDQ	IZ5MOQ	JJ2UDK	AA4LR
W1DYJ	AD4AA	JA7FAS	JA0AXV	K7UT	DF2UA
W3BNN	JH0RVY	JH1OGT	JA1QIW	K8ZT/QRP	I4UUL
W5RF	K4SX	N2GZ	JG1JPE	KD0AA	JM1SZY
WA3FRP	K4VNY	N3QE	K1ZJA	KL7TC	K5QX
	MU0GSY	NA9A	KB2FCV	N3AIU	K5RKS
202	N2RR	RC2A	KM1C	N6MXU	K7PT
AA9RR	PB9FN	SP3F	KZ1W	NW7US	KC6X
IK5BOH/2	V51YJ	SP5MXZ	SM5ELV	W2OR	KK0DX
JR4LZX	W6JZ	W6HYI	W8NN	W9ROG	LA6OP
K9WX	W9LN	WA0WWW		WA8LRW	N6VNI
N6ZN	W9RXJ	WB5NHL	192	WB4GLI	NU4B
N8WD			F6FYD		W8RV
NU1O	198	195	IZ7GIT	189	WA5IPS
W1AW	DJ0MCH	CT1ELF	JA7MAD	HI3T	WB4DNL
W3NS	I1YDT	IZ5FSA	JH1FVE	I0LYO	WZ4RC
W4RDX	IV3BSF	JA7QQQ	K5IB	IV3KCB	
W7TUS	JR1IZM	K4KEW	K6XN	JA1SGU	185
W7VY	K0GW	KE4S	KE0A	JG1SWM	K0KP
WE2N	KA1J	N3XM	KJ4UZU	K6UXO	K3PP
	RA3BL	N9JR	KJ4YLO	KY5I	KE5BR
201	VK6OZ	OH6NIO	N4XYZ	M0HIH	KQ4EE
AA8SW	W6SHY	SQ7FPH	UR3EO	ON6KE	N4HN
DL4FAP	WA2VQV	UR5FEO	VA2IG	RM3DA	UN7BK
GI4OWA	WY1G	VE3YXO	WA9BZW	RN3CT	VA7ZT
IZ0GYP	YL2TW	W3SB	YB1TQL	SM4BZH	VK2HV
K0MFI	YV5LI	W6KK		W4AEJ	W2WG
K3SX			191	W6DPD	W5SUM
KK1W	197	194	AA4NC	XE1FAS	W6RKC
PY2GG	4X4MF	A65BD	DG5LAC		
RT5A	BA4TB	HB9ESS	HA5CW	188	184
W1OP	EA1DLU	HB9VAB	K1RI	EA7AN	AD6ZJ
W6AEA	IT9AAI	IT9ODQ	K8QKY	G1VDP	DS4GKF
W9IL	IV3AVQ	JH1OCC	N4DWK	JA0GCI	EA5RU
WC2K	JA0CIU	JH8UQJ	N7MQ	JH7NTW	HP2NG
	JA2MNB	K1LT	OZ7DN	JK1AJX	IK0HBN
200	K6TAR	KP3AH	VR2CH	JP1GUW	K3JM
HB9AGO	K8SIA	KR8T	W1LE	JR0AMD	K5TN
HB9IIO	K9SG	N2ZA	W5LO	K1JD	N2MEE
IZ8EKL	KI4WCQ	NJ3K	WF1H	K2DC	ND3L
JA0KJD	KU8X	SP6EY	WI8R	PY2RN	NN5E
JA3EY	W4DAO	VU2LBW		WV4V	NW7M
KC6JAM	W4HZ	W4DC	190		SM2EJE
N1IA	WQ5R	W5UHQ	AA4U		UN7BY

UT7KF	W6TK	177	174	CT2GZE	RD3BD
W6BK	W6UC	4X6UU	AG7N	DL5MM	SM7WVZ
W7IUO		IU0ICA	DF8FT	F9CI	SV1IZY
WB2HJV	180	JE4RAL	DL5KUA	IK3GBG	W7VAS
WB3BFC	A61BK	JF1LZQ	JK7LXU	JS6QOM	WA6QGH
WB4YDL	AA4AK	JG3KLF	JR3TOE	K2TV	
WB5STU	AF6PK	K0EEO	K2CYS	K4WY	168
WV2I	JH1IZR	K2MK	K5CR	K6ZP	A92IO
YB1RUS	K0IL	K3OX	K9HQM	KB0V	AG4Q
	K2SD	K8YE	K9UQN	KC5LK	EW1P
183	K8SL	KF4VTT	KZ5DX	KP4DKE	JH1ORA
JA2KSP	KM4VI	NA6MG	N4PYI	KW9U	JP1LRT
JE4CIL	N2ZZ	SM5CBM	N5QS	N8WRL	K1VI
K3SF	N4MIK	VK2AAH	VU2DCC	NA6O	K2SY
K6LRN	NA5S	W0IKD	W5WI	ON6MX	KF0RQ
KC2SST	NZ5O	W1AO	WA4BIM	W0MU	LU8ADX
LU4FW	VR2XYL	W4KVS	WA4NUF	WA4DOU	LX1CW
NA2U	W4DSM	YB1TJ	WC0W	WA5KBH	N4ST
NY1V			WQ5T		N6MB
W3ML	179	176		170	OE1ALW
YB2TS	DL5MHQ	4X6KJ		DL2JIM	R4FAN
	JA3EEM	DL6NW	173	EI5KO	W5JMW
182	K1RH	F4WDL	7L2QAD	EI6AL	WX0Z
I5FLN	K4WZ	G4AYU	AB6CF	JA1GVT	XE1YD
I8LWL	KE5TD	JR1FHP	AI9U	JK1BIB	
JA6SQR	KJ6NZ	K5DCW	HB9FBG	JQ1YIW	167
J11CQA	KZ2R	KK7YC	HB9HVG	K6EGF	AE4M
K7LAZ	N3KV	KT8D	K5CD	K6JJ	F4DSE
KG4JSZ	NC2Y	N1JP	K5ZQ	K7CU	JA8BOV
KK8MM	NK7C	OZ9XU	K6UNE	LA2GH	KB8NTY
LA5LT	SP5ELW	VE1VOX	K8JE	N4VN	KE3X
N8NA	W0ZS	W4LEW	LA9VBA	N5PA	KH6XT
N8NB	W4CCS	W7WZ	N7HN	N6EM	KN7D
VK5GR	W4TUN	W9WO	N9DR	N8VV	N1ZJ
VU3CAU		WA3GNW	NX2X	NX4TT	N8JS
W6SFK	178	WF8R	OV5O	OZ3SM	PT2ADM
WV8DX	EA8AXT		SM0EUI	VE1OP	PY2SEX
	G4DDL	175	WY7FD	VE2YG	WA0SXV
181	IW0BYL	AG5CN		W0OGH	WA5NFC
EA5HM	JA1ERB	IW1PUR	172	WA4USA	WB8BZK
IZ4AIB	JA3UNA	JA0LFV	EI1DG	YO4AUL	
JA7DPC	J11WLL	JH6RTO	G3SBP		166
JA7FVA	K1ZE	JO3WHB	JA1BON	169	AL7R
JH1FNU	K3VAR	KD4POJ	JE3PCP	DM3CW	DL1SVA
JK1DDG	K4GO	KF2OG	K5TA	JA1KXT	HL4XM
KY6R	KR2Q	KF6HI	LZ1XL	JA3AVO	JR6GHN
N6VS	KU1T	LZ2ZG	N3AO	JE1PHH	KN4FO
N8HRZ	N6DHZ	N7NG	SP5ES	JJ1BDX	KR4BD
NN9X	NN2D	N7VPN	W1ASB	K9OT	LA7EIA
NV4A	W0PE	NS3L	YB4IR	KF9AF	SV2CLJ
OH2LHE	W7HUY	UA1OM		KI2D	W4PGC
UA9AEU	WB6AXD	UA9AGX	171	N5MT	W8SAX
VU2IBI		XE1R	AA5N	PP7LL	WA1ZIC
			AD3C		

WB3JFS	AI4QQ	K4AR	VA3NXM	JA9RT	JQ1PCX
YO3AIS	DS4NPL	KM4A	W1EBM	JG3RWX	JR7MAZ
ZL3RJ	EA1AZ	KW4J	W8QXR	JH2AJY	K0LB
ZS6IR	F4CPF	N7QT	WD5BJT	KA9OKH	K4OY
	HA5BSW	NA6XX	XE1MW	KC4HN	K8ROK
165	IU8IYE	OK2ZDL		N4QM	K9MMS
AG6HE	JA0MRW	SM3PHM	158	N7GCO	K9YZ
CU3HN	JR6LDE	W5BK	9J2BS	N7RD	KK4XL
EI5JL	K0ABC	W5RDW	AA4UC	W1MR	N0VVV
IK0XIH	K0CF	W6DOE	G4SGX		N7NW
JE4WOK	K4GN	W9GG	HK3PJ	155	N7WI
JF1KML	K4MV		IK3DVY	AB4GE	NC7B
K2AX	KD1AB	160	JH3EQP	DK3QM	OH3FVP
K3VPZ	KE1B	E70T	JJ1KXB	IV3TDM	SP5NON
KG4CUY	KW4MM	EA1WH	K4HQK	IZ2EWR	W8VK
LA2XPA	LA1CO	HL1VAU	K8GWU	JE3OUW	WB4SON
LB7ZG	N0AMI	JA1ITJ	KB2XJ	JR3ADB	
N2RJ	N7KDT	JA1UOA	KF7NN	K2DF	152
N3KS	N9LEO	JA7JM	KJ7NO	K4EZY	4O3A
RA0BA	R3IS	JK1EBA	N4XXM	M0IFT	5P5Q
RL3BZ	SM7CZL	JR1CAD	W2CG	N7WS	AC6BW
VK3TC	VA2LC	K1ROA	W6FL	NK7Z	BX5AA
W2FS	W1OK	K5VR	W8LIG	NO9E	DF2WF
WB2WPM	W1XV	K7CTV	WB2RAJ	OE1HHB	DL8DWL
WB9PNU	W8MIL	K7LY	WT2P	UT7EC	DU1KT
	XE2YWH	KC9K		W5SV	G4AFJ
164	YO3DDZ	KL0S	157	YB1AYO	IK5BSC
AC4BT	YO3IPR	KM4NS	7N3IJT		JG2LGM
CT3DL		N0IW	AA3AZ	154	K0RAR
DL7JRD	162	N4MEC	E20YLM	AJ8B	K2EK
EI6IZ	4F1OZ	N5WA	EA3HDZ	DK1NAL	K4RDU
IZ0GVZ	AC0DQ	N8IL	EI2JD	DS5WQT	K8ZZU
JJ1JMZ	BH4IGO	NI5F	JA3MHA	JA0GZZ	KD2OV
K0COM	DJ7JC	SV1XV	JE3FOR	JA4HXF	KE9S
K3HW	DS3EXX	W1TO	JM1ESG	JA8ANQ	NM1G
K6CF	EA2AGV	W9FF	KN7Y	JE6PJP	ON4LG
K6GFJ	EA6UE	WB8QZM	KW1DX	JF3VEC	R9JX
KA1API	HS8KAY	ZS6RJ	N4MI	JH1AQN	W6RFF
KD8MQY	JL1GYZ		N6MM	JH1BHW	W8FN
KL7TS	JR4CZM	159	NP3CW	JR3QHJ	WA6EZV
N2XQM	K1XE	EA1P	PY1NS	JR7ILA	WA9IVH
NA2P	K3DFL	IK0WMJ	W3HKK	N7JB	YV4DYJ
PT7DX	N4BAF	JA0ED	W4DTA	NE5W	
S50B	N5FEE	JA3PRM	WB9B	SM0BYD	151
SP7QHR	OZ1HPS	JA4FKO	WD8KND	VA3OKG	AB2E
TF3JB	W4NBS	JK1JAS		W4CIR	DF1IR
W6SIY	WA7BNG	K0IO	156	W8TM	DL4KUG
W9CSX		KB7AK	DK8IZ	WA9MAG	JA2BUR
WC4X	161	LA4JGA	EA3HPX	WN7J	JH2NWP
	HL3ERJ	LA8ZAA	GM3WIL		K0KV
163	JP7FSO	N1MD	HB9MXY	153	K4DET
AA4OC	K1BZ	NE5S	JA1CCG	HB9BEM	K7LAY
AA8KY	K2OP	OT1A	JA2ODB	JA3UOQ	K9AAA

KB7QFE	NE0U	N8IK	G4FTC	JH6PFY	WW6G
KE4BKL	NO0B	SV8RX	GM0VIT	JI1UHZ	YB3MM
KE8G	NZ0O	W0QC	IZ0FUW	K3GT	
KK4CLY	PY8WW	W3NRJ	JK1NPH	K8MRT	139
N7MB	RT0F	W8OM	JL3DGI	K9UO	AA4DD
NU4I	UA9MC	W9GM	K1TKL	KA6BIM	F5VML
SM0NUE	VU2NXM		K2HT	LA1J	HB9ARK
VA3EJN	WA1EHK	146	K8OS	NF7D	HB9DTE
VA3HP	WF7T	AD0K	K9UWY	YO8CRU	HL4CBX
W3HER		AE5B	KM4HQE		K0QB
W5WLA	148	HB9HHH	LA2IR	141	K9QJ
W6WA	4F3BZ	HP3TA	N5UE	7K3QPL	K9TRV
WA9JWL	A71AM	JA3KWZ	NH6L	9H1AE	KX4I
WC2C	AK9B	JE1COB	RN0C	EI3ISB	N0CKC
	IW5EIJ	K6NR	UY2UZ	G0THF	N2SG
150	J68HZ	K8ARY	W0AIH*	HB9EXQ	N7NF
AD5MD	JA4GXS	K8POM	WB9W	IZ3XEF	R9MJ
DK3BK	JF2AIJ	KB9AIT		JR3PKO	ZL3TE
DK3FB	JI3BFC	KD3HN	143	K2JK	
HB9EBM	K5EWS	KM8AM	AA4MM	K9AAN	138
IT9ABN	K5LY	N6RK	AF3X	K9AQ	DL5KUT
IT9IPQ	K7STO	N8TFD	EA4D	KA5SYP	DL5ZB
IZ2MHT	KA3GWD	SM3DXC	EI2HY	KA5VFU	G0FWX
JA6SUY	KM2O	SP9IZV	HB9AAA	KC1ERO	HB9DVZ
JA7GZM	LZ1MDU	WA2MUA	JA1MOD	KO4PRE	JA0CVC
JE4KCN	N0TK	WA3SKQ	K0SRL	TF5B	JA1PVX
JG1GJH	N3ND	WA5NOM	K2OO	W1NA	JA1VRY
K1QN	N9ATF	WW8RT	K6LPO	W5GOL	K2JL
K5HK	NJ6K	XE2B	K7QBO	W6HDG	K2YSY
K9RT	PY2CP	YB1BML	K9BQL	WK8A	K6CW
KI7M	TF3Y	YO2DFA	KD4EE	WK9U	KC9G
N6JOJ	VE6TL	ZS6UT	KE4FW		KF6A
N9IO	W4AG		KG6D	140	KU9S
NG9J	W9MAK	145	KJ2U	AD9DX	N0SL
ON6ZV		5T5PA	KJ4R	EI6JK	N3PV
SM0BSO	147	AA5TL	KN7K	EI7GY	N9XX
VR2MY	AB9KZ	AC7JM	LB2TG	EI7JZ	OD5YA
W3KB	EI3CTB	AL7TC	N1QY	EW4C	PV8ABC
W4NE	F6KOP	DL1MEV	N2YBB	JG1RYQ	W0UHL
ZS1C	G3VQO	EA4S	N4GBK	JJ1OKK	WA5POK
	HB9GWJ	JH1CTV	N4UP	K0UBR	
149	IS0/YO3RA	K4TXJ	N7ZA	K6EV	137
7N2JZT	JJ0LZQ	K5FXB	OH3PYY	K7VC	AC5AA
DS4DRE	JK1OTP	KQ5M	TF4M	KB1HY	DL2RD
ER0FEO	JL6USD	KS0M	TG9AJR	KC3AK	EA7LS
GM7NZI	K0PC	N6KK	W4JVN	LA8PDA	G3PSM
JS6SCC	K3GGN	W3DQS	W4UFO	LZ2HM	HL1MKT
K2KIB	K3GW	W7NP	W7VS	VE3NJC	JA4DNC
K2RET	K4NTO	WR7Q		W3DIY	JF2RSF
K9EXY	K4SAF		142	W5VU	JH1SBE
KM2E	K5UZ	144	IK1UGX	W9BS	K2CDJ
KP4DS	K8WHA	AD0TR	IK1ZNM	WB1ASL	K2RKJ
N0STL	KB9LIE	DL6DCD	JA1PUK	WB8EKG	K4AU

K6IRA	W7QHE	W1ITU	JA2LMY	K9YKL	K5KDX
KP4N	WB3AVD	W3MF	JH3PRR	N0JR	K7PO
N2KI	WB6FWS	W9SE	JL4BSE	PU4MMZ	K8GT
N4KM	WB9IWN	WB9ZNZ	K2MHE	R3BB	K9QA
N7VZ	WO5I	YB4CHP	K7YMG	UR9IDX	KC5RR
N9NFT		YO3GJC	KN4JX	W0QD	KC9WPS
NU1T	134		N2YF	W5MF	KK4CB
OE3JAG	AB0RX	132	N7TM	W6IS	KS4WA
SM5CSS	AB1J	AA4FU	NS4F	W8BI	N5HC
SP3EPG	DL4ZAB	AK3E	NU4Y	W8WV	N8YQX
TA1AL	EA6AZ	AK6I	OZ6TL	W9EBO	N9BVA
W2GGY	IZ8DEO	I8NLC	RC3FL	WA4UWD	NX8Y
W2NY	JA6GXP	IZ0COI	W1MO	WC4V	OH4KRN
W4UEF	JR0GXA	K4BNF	W9CTJ	WP4CQ	PY2OP
W9MR	K3KY	K4WM	WB8RFB	WQ1H	VE3TMG
WA0WOF	K7FL	KE7BMG	YB2IQ	ZS6AKU	VR2VGM
WG0G	K7YZO	KG8OU	YO8PS		W8VI
WS1F	K9SUH	KI7HO		127	W9COS
	KA9JCP	KK5ID	129	7Z1HL	WA2BOT
136	KD2SC	KX5U	AD6KQ	AG4TO	XE3E
CT1ESO	KF5WCP	M3DFW	AE7U	DJ5DT	
EA5KA	KF9LI	N3TR	JA0AVS	DL9GTB	125
G0OSK	KN4OK	N4EDT	JA1PLT	G8BCG	AC4XO
IS0EBO	LB5GI	N4QOG	JA2ACI	HK6K	EI8GS
NT5EE	N6XT	NN3V	JA3WMS	I2YPY	G4EHT
ON5GF	NJ1Q	ON6YH	JH1RFM	IK2ULM	IK8PGE
TA1PB	SM3WMU	SM7DXQ	JN1SUT	JA0BES	IZ8EYN
TF3VS	W1DAR	UW7UA	JR1HYA	JE2VYM	JA1IHD
VE3FRR	W2KNG	VU3WEW	K0ARM	JG1LRE	JH8FIH
W0ANZ	W4UAT	W3KHZ	K0YL	JH1HRJ	JP1GVC
W4EJG	W5AAJ	W4MC	K7ORK	JI1MNT	K5NOF
W4GH	WB1DX	W5FL	K8RCT	JR1LZK	K9ARZ
W4PGM		WA1HXH	K9BO	K7LFY	KC2STA
W4PV	133	WA1KXV	KB4KBS	KB8KIM	KK5J
W7SX	7J1ABD	ZS1EL	N8BK	KF3N	N7TW
	DL8OH		N9AVC	LA2LI	N7UJJ
135	GM1BSG	131	PY3OG	N0AB	NA7RH
AB4FH	HB0WR	DM6MA	SM2YIP	N3GTG	NN6CH
GM5YTT	HK4EB	EI5GM	VK5CE	NA1RL	NT9F
HZ1GW	I4JEE	GM4KHE	W7TG	ON5EQ	SM5AFU
JA1DCK	JA5IBP	JH1IIY	XE1ILI	VE3EDY	VK2DAG
JA3MIO	JM1JIV	K5SES		VU2MSA	W0XE
JA7MWC	K9JDP	KA5IAU	128	W0MF	W4AO
JJ1HLL	KG6WIK	NN6K	A71XX	WB2KSP	W5CWQ
JL2ULM	KI4TZ	W4MA	DL9SAD		W6PG
K2WJ	LA9KY	W5EC	EA1AHA	126	WA4TMJ
K3HPA	N1BKB	W6OUL	EI3IO	CU7AJ	WA7HR
K3WGR	OH3DP		F4GTB	EI4HH	WM4AA
K4OP	OH7HM	130	HL2DBP	G3XLF	WR2G
K5VG	PT2ND	AA4QE	JH1AWJ	IK4TVP	
KL7NW	V31CQ	CT1HHP	JN4FNZ	JA5CDL	124
N5RN	VU2ABS	DL1SWN	K6OJ	JA5XPD	AA5H
S53MJ	W1GY	DM5JBN	K7PTC	K2GLS	DJ3EJ

EC4KW	WB8TGY	N5ZY	W6GJB	117	WA4VJK
EI8IQ	WU7X	NA2R	WT5L	AD7L	
G4RGK	WX3P	NY4G	YB0AZ	CE3FZ	115
IT9YOZ	YB9WZJ	OZ6EI	ZS6NK	F8EZE	AA9WO
IZ1UKF		TA1L		IS0BZR	AF7WM
IZ5BYJ	122	UA0FDX	119	IZ7QFN	E74A
JG3KMT	AA0BH	W2ARP	DL2VWR	JA9KA	HL4RBR
JH1XFR	AA5B	W3/NH7C	F5BAR	JM3GXU	IW2FLB
JM1LPN	AB5YI	W3JXP	HL2MHU	JR1KBJ	JA0NPQ
K3SUI	DB4RG	W4CC	JA6JYM	K0FF	JA1UBZ
K6VVK	G0HSA	W4KCM	K4RM	K4AEH	JH8LEY
K7HC	HC1HN	W5UQ	K7LOL	K9LCR	JJ2VLY
KB8DID	JA9ALR	W7PC	K8EB	KB2S	JM1JZN
KC3RKW	K0HQW	W9MB	LU9DO	KB5CSQ	K8CR
KC4AA	K0MD	WA7HQD	N1GNB	KO4PY	KB4CRT
KD9ZR	K3DQB	WB7BBQ	N8LCU	KP4ED	KB7V
N0YO	K4VAC	WQ8T	SV1BYI	KZ1X	KG4URP
N1HO	KB4ET	WT3Q	SV2KF	N8AGU	MM1PTT
NT4K	KN9N	WU9D	W1ZK	VE7NY	N0TR
W0DD	N1ZZ		W5IO	W3LWH	N7PIB
W6ELI	N6VH	120	W6ZPL	W3MRL	NA4MM
W6ND	N9ATD	AA2T	W8EOG	W4ARK	NE1RD
W8PAT	NZ6N	AC4TO	ZL2AO	W4PG	NG0G
WW5L	SV7CUD	AE5LK		WB9WHQ	NI4Y
ZL3REX	UT9LC	AI2S	118	YO6HOY	NW6V
	W0JMP	CT7ABD	6K5AQY		OE5MPL
123	W1ES	CU2CE	AC9GK	116	W4OV
AE5FM	W1HEO	DS3DNT	AE1T	6K2ILX	W5WS
DJ6OZ	W1KKG	DS5QLJ	AI5EG	AA0FT	W7FI
DS4DBF	W4BH	F5AQB	DJ9KM	EA5GXI	WB4MM
EA3NG	W5HNC	IK8IPL	IZ0RPS	EI4BZ	WS4H
G6NHU	W6HB	IT9JPS	IZ1JIZ	G8GHD	
IK0XKP	WA5YOM	JA0JPD	JA6CMQ	IZ2CSX	114
IZ8LMA	WA9DU	JA1DCO	JH3LCU	JI1DMH	F6FHZ
JA0PZJ	XE2MX	JH5OTE	JM1CMA	JT1CO	G3CWW
JA1GLE		JJ1XVA	K9KJS	K4LCP	HC1HC
JA2HOL	121	K9CHP	KA5JSM	K8JRK	I0BJV
JH1RVQ	AB4BJ	KD5R	KB3KJ	K8MN	JA1CPU
K0PX	DD0VE	KG4OJT	KD3UY	K9GWH	JA8EIA
K2JGL	HA2EQD	KJ6Y	KD9BIE	KB8ZUN	JG4OOU
KI0HA	IK6BMU	LU3XX	KG5VK	KC1RET	JL3RNZ
KM4CQG	JA1CPN	N1TQP	KV8P	KD5RBU	JM3XZC
KO8SCA	JA1EYN	N3DV	KX6C	N0UCR	K3PL
LX2SM	JA1WTO	N3GS	LZ1XZ	N1GFV	KB1W
N6DVR	J15WDC	N4UFP	N3HYB	N2TC	KD2NF
N8AYY	K1EDG	NR2D	N8KUS	N2ZL	KI8AE
N9RE	K1LTJ	PP2FN	VR2CC	N4KEB	N1AH
OH3TY	K3CWF	VE3QAA	W7KKC	OE6CLD	N3DD
PY2ADR	KB3IFH	VR2ZXP	WA7ZXD	RW6MBC	NA1DX
VE3FAC	KG5NP	VU3RGB	WA8RCK	SM1NJC	NG4DX
VE3VHH	KK4ODQ	W1RG	WB5TOI	VR2IL	NG8T
W2WGK	KU2A	W4DWS	ZS2I	VY2RU	NK5K
W4UT	N3ER	W5RYA		W3IZ	W0QKL

W2ZK	GM0SCA	W4IDX	G0MMI	KI4SFT	UX5XK
W8LR	IK4EWN	W5GCX	JA5GOJ	KJ4SKO	V31MD
WD0AJG	IS0BQE	W7WT	JA9IWR	KN4WOJ	W1USN
WN0L	JA4RED	WB1S	JH4GNE	KO4XI	W5HY
XE1EE	JF2OHQ	WB8PKK	J11ZS	KW1X	W8JA
YB2BNN	JF3AHI	WU4B	K0FD	LU2AH	WB2BXO
ZS4JAN	JH0LME		K5NV	N2IFA	WB2MKX
	K0XM	110	K6JAD	N5FPW	WL7OU
113	K4HEB	AC0B	KB7DT	N5TW	WM4W
AK0A	K4ZMV	AF8C	M0AQM	TF3MH	WU1U
DL2DCX	K7RAN	AG5Z	M0MCV	VE7VV	ZP6CW
EA5DPL	K8CJY	CT7ANG	N4LS	W0LGQ	
F5EOT	K9KDS	DK4MX	N6RVI	W4DVG	106
F8GB	KC2THY	EA1BLA	NN8L	W6CN	AB6WQ
G0UUI	KH6P	EI9HX	NW6R	WB5ZAM	AC7DX
G4NAQ	KK7BR	G4VWI	NX1P	WC4B	AC8IL
G4YCS	KS0JD	HG6IA	NZ3M		AJ6V
HB9GZE	KY6AA	IZ1EPM	PF7M	107	DS2GOO
IU8GNY	N8AID	JF3KOA	PV8DX	AB7RW	EA3AGY
IZ0CKJ	NQ4A	JH1FRW	SP7ASZ	BG8PA	EW4DX
JA2CPD	S51DV	JR2PAU	T88UW	DJ5FZ	G0OJG
JA4CSJ	W1HQ	JR4DHK	W3ATV	DK2GP	G0RPM
JA5SEY	W3WN	K3MSB	W3GP	E73D	G3LPS
JF1AZQ	W4AFB	K4KAL	W4JDS	EA2BFM	HI7SB
JH1GNU	W4LLP	K4RP	W5SG	EI5GSB	JA3AOP
K1JKR	W9LU	K5GZR	W7CB	G4NBS	JA3FRI
K2KNB	WB2UFF	K6DJ	WT9U	IC8XIL	JF7NNI
K4JDJ	WD8LTM	K6SLO	WW5RC	JE1CTA	JG1XBM
K4JLD	WJ1B	K9TVG		K1FUG	JJ1IRS
K4TR	WN1M	KF8PD	108	K2FJ	JO4JDU
K5WRE	ZL3PAH	KV3W	7M4CLF	K2ZD	K5TU
K9DUR		N3YZ	AC8MR	K3GO	K6VWE
KB2TGU	111	N4NYY	AC9DX	K4LQ	KA9TOX
KC0V	EI2FG	NZ7Q	DB9CR	K6DLB	KI4NSP
KG2U	EI9CN	TF8GX	DL1TPY	K9MQ	KM8V
LU3JVO	F8DZY	W1ZZ	DL2AMD	KA4LBD	KR4U
NA9L	G4ZWY	W5JE	DL2NAI	KB0EL	KT5V
NS4X	JA4DLF	W6TCP	DM5TI	KF2G	M0PCB
S52R	JA5EEU	W7YED	DU1IVT	KJ4FZ	N4DJT
SV2DSJ	JE1TNL	W8PE	E70X	KS8W	N5JED
VA3AYA	K1RE	W8TE	EA5XV	LU5OM	N6UOZ
VK7ZE	K2KYH	W9GFB	G5CL	N0MHL	N7MW
W1FC	K8ZEE	YB1SKR	G6MXL	N1UZ	N9ZJ
W3JM	K9JIG	YO5QAW	IK1RKN	N2SO	NG4C
W6BBS	KC2NJ	ZS5LEE	JA2DCN	N7TP	NI7F
W7CD	KM5VI		JE2DOD	N9AZZ	NS7K
	N0ATQ	109	JH1OVY	NC6RJ	PT2DF
112	N1BZ	AA4RX	K3XO	NI8Z	PY2OC
3C3CA	NT5O	AB1NS	K4GHS	OV2B	UA0ABB
7Z1CQ	PT7CB	AC8TO	K8LBT	PP5VA	VE3BHZ
DS3EXT	TA1UT	AF3K	KC8YG	RM6LW	VE3XK
G0DTX	TA2RC	DL9QJ	KE3ZT	SV3EXP	VU2MB
G3YFE	W2FDM	F8DHE	KE7AUB	TA1CQ	W0TLX

W4/KL7GLL	YV4EH	103	K2DH	JA5ALE	YO2OXD
W6KF		AF8P	K2DW	JA5JUG	
W7GB	104	DS5JMG	K4HR	JK3NSD	100
WA3IIA	7N4OBV	EA2RY	KB1AWM	K0GEO	2E0XAR
WA8Y	AA2WC	EI9GLB	N2CJN	K3AXB	9M8DEN
WS7I	AA6XV	FM4LV	N2FY	K3LA	A41ZZ
ZL3RIK	CT3DZ	JA3MAT	N4IR	K5HX	A71EM
	EA4EJP	JF1KIG	N8KOJ	K7GA	AA7UN
105	EI3HA	JI1FXS	NA4D	K8PGJ	AC0DH
AA2F	F6ARS	K0OOK	NN5O	K9GL	AD4J
AI1W	FM5FJ	K2RNY	R9GM	KB5YN	AE4VJ
AP2IA	G0DRM	K3PIN	S51MA	KC3OPI	AJ6X
DL9GTK	GW0ANA	K3TXW	SM0XG	KC4ZA	AK1P
E29TGW	HA5DI	K4NI	US8ZAL	KE9UA	AK4AO
F5VIF	HB9BMY	K4PWS	VK2GR	KJ5RC	DB6VH
G3LOJ	JA0NZR	K4SAW	VK7AP	KK6VGE	DC1TK
HB9TJG	JA1CC	K5DXR	W1GF	KU4A	DK1MCS
HL4GHT	JA1DHY	K6XJ	W4GHW	LA2XNA	DK7GH
JA1JYS	JA1RBY	K7BWC	W5TMC	LA3ANA	DL3ANK
JA1SZN	JH1MYJ	K9WMS	W7HJ	M0PTZ	DL5JH
JE6UWU	JI4HKA	KA7CVJ	W7IMU	M5LRO	DS4GQR
JJ2BLV	JQ2MPJ	KP4DDY	W9GWP	N3CAL	EA4TX
JK1AKA	K0BRO	KQ6K	WB4PWZ	N4PF	EA5PS
K0MB	K1TWF	M0UPL	WB7QBS	N9MR	EI4DQ
K1EO	K2CQW	NB3R	WB8LEM	NC8I	EI4GJB
K1ETA	K4WW	NI5G	WD6T	NJ2X	EW4A
K2GW	K5JUC	RX3BP	WD9IOK	NZ1I	F5JWH
K5WE	K7UW	VE7XT	WF4W	OZ5JQ	F6JSZ
K6GCN	K8WVA	W4CU	WN9A	PA3AIN	G0GFC
K6ME	KE4YOG	W5IP	XE1SAX	R2ARR	G4PUQ
K7CMZ	KJ2AM	W7JET	YB0EIN	RZ6MJ	G8GFF
K8FB	N1FOJ	W8EH	YB9AY	SV2BXA	G8GNI
KJ8N	N3PW	WA6URY	YO6BHN	SV4FFL	GW0KRL
KK4MA	N4PAJ	WA8KNE	ZS2ACP	TF1A	HB9BEP
KR0P	N4ZR	WC9C		TG9AKH	IK7NXU
LA9JKA	N8TEM	YB1ALL	101	UA4PK	IZ4IRO
LZ1JZ	N8WXQ	ZL1IM	AA9D	VA2GA	JA2KGQ
N1TQ	NA8W		AB2NI	VK4BUI	JE7KCI
N2YU	OM6CI	102	AB4EJ	VU2OT	JG3LDD
N4LSJ	OZ9U	4X1VF	AB8YZ	W0ZX	JG5VFK
N9APK	PA0QRB	5W1SA	C31MF	W2GHD	JK1AIA
N9IXD	PY2YW	AC0XY	DD8BA	W2PD	JK8VMB
NC1M	RV4LC	AD7XG	DD9WG	W3RMS	JN1RFY
NK7L	VK3MB	DB2WD	DL3XAC	W3SW	JR4VEV
OH6IH	W0VU	DL4FDM	EA4UV	W4PM	K1HC
PV8RR	W9GXR	EI4GNB	EA8TZ	W6OU	K1JX
TA7AZC	WB7QXU	HB9MZI	F4FLF	W7UV	K1PTF
VU2DED	WX0B	IC8SQS	G3VDB	WB5KSD	K2UF
W1PY	YB1BUL	IZ7QSS	G4GEE	WD4IXD	K2UT
WD4OHD	YO6HSU	JH1IHG	HB9PUE	WM5H	K3NO
WK3A	ZS6HON	K1AJ	IK2HLM	WU6K	K3RRR
WZ9B		K1MDA	JA1KZP	WX7B	K4GM
YU1LD		K2CJ	JA2KPW	YB8HZ	K4QS

K5LLA	VE1JF
K5MMH	VE3KKB
K5PSN	VR2PX
K5VSD	VU2OY
K5YE	W0PPA
K7VL	W0RMS
K9EA	W1HS
KA2F	W2MW
KA4H	W3KN
KA9JAC	W4CG
KB6IGK	W4YR
KD0KZE	W5PD
KD1DT	W5YKU
KE1IU	W6OZI
KE8NOA	W9KM
KF5MDZ	W9ZT
KF5TL	WA2ALY
KG4IYS	WA2VJL
KI0G	WA3UTC
KI3O	WA3YZD
KI4PG	WB0RXQ
KK6MF	WB2ZEX
KL2R	WB6RAB
KL7XO	WB6RJH
KR4Q	WD1M
KZ4EX	WD4GZW
M0NGN	WI0E
N0JX	WM4D
N0OK	WM9Q
N0VTZ	WU1T
N1KI	XE2AD
N3NVA	YB6LAY
N4GOA	YE1AR
N5CR	ZS6CR
N5LJL	
N5LKE	
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
OR4K	
OZ9GA	
PV8AJ	
PY5VC	
R2AB	
UR8IDX	
VA2EU	