

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 17 Jan 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.

348	JR2KDN	PY4OY	SP8AJK	SM5CEU	W5OZI
K2TQC	K4DY	SM3NRY	W0MHK	SM6CVX	W8UVZ
	K5UR	W1DIG	WK3N	WB9Z	WB6RSE
347	KF2O	W7UT			
K4CIA	N6AR		334	332	330
K8MFO		337	AA1QD	AA7A	DJ2YA
N4WW	341	DL4MCF	DJ9ZB	DF3GY	DL1AMQ
SP5EWY	4X4DK	I4LCK	EA4KD	DF4PL	EI7BA
W1JR	DJ6RX	JA3FYC	EA6SX	DJ8NK	F6BKI
W4DR	G3KMA	K1ST	G3XTT	EA5RM	HA5WA
	N2TK	W2YC	JA0EOK	GM3YTS	IK4BHO
346	N4CC	W3LPL	JA5AQC	HB9BGV	IK6DLK
N1DG	NN4T	W9IXX	JQ3DUE	I4AVG	JA1ADN
SM3EVR	OH2BU		K4XO	IK4DRY	JA3EMU
W9ZR	OZ3PZ	336	K4XP	JA0UUA	JG3QZN
		AA6YQ	N4XM	JA2FBY	K3WC
345	340	G4BWP	N8DJX	JA4DLP	KD5M
HA0DU	AA1V	JA1WPX	OE6IMD	JL1UXH	N4JF
OH1XX	DJ9KG	JA2JPA	SM5AQD	K0IEA	N8JV
	EA8AK	K2FF	SP2FAX	K1OA	N9IW
344	JA4DND	K4HGX	SP3EPK	N2LT	NR1R
JA2VPO	JH4IFF	K5RK	UA6A	UA4HBW	OE3GCU
K4PI	K4UTE	N3XX	W1YY	UT7QF	OK1MP
OZ1BTE	N0AT	PE5T	W4PK	W5BPT	SP3E
OZ1LO	PA3FQA	VE3XN	WD5COV	W9RPM	VE3FF
PY2XB	SP5CJQ	W0BV			YO5BRZ
SM0AJU	VE3EJ	W2LO	333	331	YU1FW
VE1YX			F6AOJ	DJ9HX	
W3YX	339	335	F6EXV	EY8MM	329
	CT1EEB	AG9S	JA1HGY	F6DAY	GM3POI
343	IK1GPG	G0JHC	JA2KVD	IK8HJC	HB9BZA
K3FN	JA1UQP	JA1BK	JA5MHD	K4MWB	I4MKN
K4MQG	N4CH	JA4LKB	JR3IIR	LA5IIA	IK5HHA
N4MM	N8DX	JA5AUC	K3UA	LZ2DF	IT9DAA
VA3DX	SM3GSK	JH4UYB	K6YRA	N5ZM	IV3JVJ
W3UR		K8SIX	N4AH	NJ6P	JA2JW
	338	N0XA	PY2BW	PY5HOT	JA7KY
342	JA5EXW	N5UR	PY2SP	UT5UGR	JE2URF
DF3CB	K9NU	OK3GU	R7LV	W4DKS	JH1GZE

K0EU	SV1RK	323	JA3AZD	W5WT	RV3LO
K1HTV	W5XX	AD5A	JE2LUN		SP1JRF
K4CN		EA3GP	JH1IFS	318	UA3DPM
K4ZYU	326	JE1SYN	JH3VNC	A45XR	W7MO
N5AW	I4EWH	JF1KKV	JH4ADV	AA4HP	W9ILY
NI0G	JA7MSQ	JH2FXK	JI2KXK	DJ4AX	YO7LCB
NO8D	JA9APS	JJ3PRT	JR3OEH	DL6KR	
OZ1CTK	JF1WPB	JR3GWZ	K2VV	G4PWA	315
R4GM	K8PT	KF0QR	K6FG	HB0CC	9H1SP
SP6CIK	LU2NI	N5TY	KV7K	JH4JNG	AB3CV
SP7GAQ	N7RT	NY0V	N3NT	K2TE	AB6QM
SP8NR	RA3CQ	OH2BLD	N4PQX	K4IQJ	DJ5FI
W0DJC	SP5DIR	SM4DHF	OE6MDF	K5BG	G3VKW
W5ZN	W8DCH	VE2TZZ	OE8RT	K5DU	HK3W
WA1JMP	YO9HP	W3LL	SM6DHU	K9IR	JA8RJE
		W3NO	UT7UJ	K9YY	JR2BJE
328	325		W4FC	KX4R	K8NVR
AA1ON	EU7A	322	W8GC	LA2PA	KE9L
AA5AU	IZ0AEG	CT1BH	W8OI	PY5EW	N5OK
DL7MAE	JA2FJP	EA2IA		R3VA	OE3EVA
G4OBK	JA5WIZ	EA5BY	320	RA7A	ON4IZ
IZ5EKV	JS2LHI	G0DQS	DF2RG	VE3LYC	PY2NQ
JA1SJV	K0DEQ	HB9DHK	F5PAC	WP4U	SM3VAC
JA6BZI	K5EK	IK4GME	G3TXF	YO3APJ	UX1UA
JJ4POR	K9EU	JA4FKX	I2EOW		
K4QL	OE2LCM	JF3KON	IK5PWQ	317	314
K9CT	ON4IQ	JH0INP	JA3PIS	IK8YTA	CT4NH
PY5EG	R5AJ	JJ2LPV	K1LD	JA2IVK	DL6CNG
RU3FM	SM4EMO	JR2LJO	K7NN	JO7WXN	DM5EE
SL0ZG	SP1S	K2UO	N4II	K2RW	G3NDC
W2IRT	SV8CS	KU0A	N5XZ	K6YUI	IZ8FFA
W4UM	W1ECT	N1NK	SM5KNV	KA9CFD	JA2AH
W5FKX	W1RM	N4DW	SP7VC	N2BJ	JA2ZL
	W6RLL	N4NX	UY5ZZ	N4QS	JF1PUW
	W9OP	N8RR	VE3EXY	RW3RN	JR4OZR
327		ON4CD	W6XA	SP1MGM	JR9LKE
AB4IQ	324	OZ1AXG	W7AO	W6VX	K1BD
CT1APE	DK9KX	R7DX	YV1DIG	WX4G	K2LS
CT1IUA	DL5DSM	UA3AB			K5AQ
DK5WL	I0WDX	UA4CC	319	316	KB0EO
DL2OE	I5NPH	VE1DX	AA4V	DK2NG	KC9ARR
EA1YO	JA2DPC	W5CIA	FK8CP	DL5WW	KG8P
EA5BM	JF7XKY	W5TCX	IK4DRR	GM0GAV	OE1AZS
HB9AMO	JH8RZJ	WI8A	JH3CUL	HB9HFN	OE1ZL
JH1TWT	K5KC		JJ1DHY	IK2QPR	SM4DDE
JJ8DGO	N8BM	321	JR7VHZ	JA2JNA	SV1DPI
KW9A	NK1K	AD1C	K6AM	JA8EAT	SV1JG
N6JV	OE8HIK	G4CCZ	N4DB	K3WA	UA6MF
PY2YP	R3OK	HB9BIN	ON4AOI	K4HB	UT9FJ
RZ3AM	SM6CCO	IK2YCW	PA3EWP	K8YTO	UX0FF
SM2GCQ	SM6CMU	JA0GJJ	SV1FJA	KQ8M	YU3AA
SM5CZQ	W9OL	JA1XEC	UA3AP	LA7HJA	
SP6M	WB4TDH	JA2BDR	W3KX	N5DG	
SP9DWT					

313	JA5XAE	VA5DX	PA5TT	KI0KB	HL2IFR
5B4MF	JA6VQA	W2QO	RA9CMO	R5DT	JA7BWT
AA5AT	JF2UPM	W9MU	SM3NXS	SP2BMX	JE1DXC
AB9V	K4EM	WA8WV	UT2UB	SP9JZU	K6SIK
AC4G	K4SO	YS1RR	W1YM	W0VX	LA3WAA
CT1GFK	K8FL		W5XC	W4QN	UA9FAR
JA1GRM	LA7AFA	307	WA5VGI	WD4LBR	UN6T
JA5IU	LA9AJA	DK2JX			VE3BW
JR1BLX	LA9AJA	EA6VQ	304	301	298
JS3CTQ	MD0CCE	F2JD	DK5AD	AA5AM	5B4AHJ
K6KLY	RL9F	G0BLB	DL5EBE	AE5E	AC0A
LB8DC	SP6HEQ	HB9SLO	JA1IZZ	F4BKV	DL7BA
N8KOL	W0YG	I5HOR	K8AC	HK4SAN	G5LP
SP3CGK	W4BP	JA2XW	K8GI	IZ1LBG	HP2AT
W1GL	W7CT	JA3GN	KC7V	JA0DIN	JA4ITW
WA7NB	WB0TEV	JA6WJL	N7US	JA1IOA	JL2JVX
ZS6EZ	WD9DZV	JJ3HGJ	N8TR	JA1LSP	JR7WFC
	309	JN3SAC	N9RS	JA2WYN	K2PK
312	EA8AKN	K2SHZ	UY5AA	K4SE	K8EUR
CT1DKS	JA1EOD	K3RA	W5AJ	K6RO	ND0N
DK1FW	K0KX	K9MM	ZL3JT	N9AU	PY2VA
EA7TV	K1AR	K9RX		NQ1K	ZL1BYZ
JA1ANR	K8QM	NI6T	303	RN3QN	297
JA1SYY	K9ZO	NS6C	EA3GHZ	SV2AEL	DL4CF
JA1XCZ	NE1B	OZ4O	G3LZQ	US5WE	E73Y
JA7QVI	NN4SS	W6ENZ	HL3IUA	WB5JID	HB9BOI
JA9CWJ	NU8Z	W7OM	IK2RPE	WE9R	HB9CQK
JH1QAX	R9TO	306	IK4ADE		HL4CJG
K1HT	RA0FF	DL1KUR	K5WAF	300	IK5RUN
N1IBM	RX3AGD	G0OIL	K7WP	AA8CH	JE7JDL
N5ORT	SM2OAN	HA1RB	K7ZA	DL1TRK	JE8CLT
RU3QR	UA4LY	HB9DDZ	K9US	EA1AF	K4MS
SV1CNS	W2JU	IK4PLW	RL3FA	HB9DDO	K6ND
WA2VYA	W9RN	JG4AKL	RW4NN	IZ5RVG	K8WK
WB8BPU		JH1AGU	SM6CUK	JA9AA	KG7H
	308	K0KVR	SP7HOV	JK1EXO	KT1J
311	DL2CHN	K5XI	SP7ITB	K3XA	W6YI
F3SG	IK0PEA	N4TL	W1SKU	K8GG	
I3BUI	IU7QBB	NN4R	W7DO	K8TL	296
JA2XYO	JA7IC	R9FM	WT8C	K8VfV	AA8OY
JA4MRL	JA9TWN	W5ADD	ZS1LS	KB1JZU	EV1R
JA7JWF	JF8QNF	WB9CIF		KM4H	JA1SVP
JR1BAS	JH1NYM	305	302	MM0EAX	K6FW
JR6FC	JH1SJM	A65BR	DJ5JH	PA3CSR	K8VC
PY2XU	JL1RUC	DJ4XA	DJ9ON	UR5EDX	LA8PT
SV2DGH	K0GY	JA1VSL	EA1N	W6TC	N0RB
UR0MC	K2UU	JH7RXU	F5CQ		PY7DJ
W8HW	K8OM	JR2UBS	I1EIS	299	RA3QK
WD0DAN	KN5O	K0JUH	IW1ARB	CT1FMX	SM6BZV
YB5QZ	KS1J	KG4W	IZ2AMW	DM2DXA	SV9COL
	LA7JO	OE3SGU	JA2VQF	EW2A	UA6YW
310	OE1WEU		JG3LGD	G3SVD	
JA0CRI	R7NW		K9MK	HB9RG	

W3RJW	W9AJ	SV3AQR	JA1WSK	WK7E	N2WB
W9JA	WA4FFW	UN7TW	JA2ATE		N5GH
		VU2NKS	JE2OVG	284	W0LS
295	292	W2LK	K0AZ	EI9FBB	W7ZJ
AD6W	AI9L	W3OA	K3UL	IT9CVO	W8KEN
DL1DUO	DL5CW	W4VIC	N7IR	JG3SKK	W8TN
IW0SAF	EA5AT	W5VY	R9SA	JH3SIF	XE1KK
JA1BPA	G4GIR	WB9EEE	SM5ARL	JN1BMX	
JN1RQV	G8DX	XE2CQ	UN7JX	LA3MHA	280
K5VIP	HB9TKS		W1VT	SM0CCM	GM3PPE
K5ZK	IZ3ETU	289	W4YCH	SM6CTQ	HA5VZ
KB8VAO	JA1JAT	AJ6T	W7BEM	SP3IBS	IZ3ENH
KD3CQ	JG0CQK	DL9TJ	W8AV	W2AY	JA6TMU
RM0F	K7ZD	IW0HQE	WA6F	W4FQT	JF1NZW
SP8HKT	LU4FPZ	JA3EOP		W5ODD	JH1BNC
SV1GYG	N7TY	JA8EJO	286	W8BBQ	JH4ALY
VU2PTT	N8II	JA9FAI	AB5A		JR6LLN
W2GG	R6AF	JE2LPC	CT3HF	283	K1DG
W5LT	SP5IWA	JG1WSC	DL2VPO	JA1RTX	K1USA
W6XK	W6SR	K3FRK	EA6ET	JA1XPQ	K4WNW
YO2RR	WA3AFS	K4XD	HL3GOB	JA9FPI	PY2DS
		KK0M	IK0XBX	JE3ENP	SM5CZK
294	291	N2NL	IZ8XQC	JG3FEA	UT7UV
EA6NB	G0EHO	R0FA	JA1FQI	JL1XMN	W8LGJ
HA9PP	GM0AXY	RA1QD	JA1QXC	K3WW	WA9PIE
HB9CEX	JH1BAM	VE3EK	JA2FGL	K5DHY	WN6W
JE1GWO	K3PA	W9YSX	JA5BEN	K9NW	ZS4TX
JG8FWH	KP2A	YB1UUN	JF2WGN	KJ6P	
K5MC	LA5HE	YO2CMI	K1GG	LA8HGA	279
K7ZV	N2TN		K1LPS	OE8SPW	JA0PE
KZ4V	N4RWG	288	K1RO	W1LW	JA9IFF
N0KV	N7RO	4Z4DX	K5PS	W6BJH	JE8TGI
OE5BWN	VE3CFK	IK0HFO	LU8EKC		JF2XGF
RU6L	W9FR	JE2DZC	N8SNM	282	KF2DT
SV3DCX	ZS2DL	JR1DUP	W3GQ	GM3YOR	UN7LZ
		KD0Q	W6PJ	K5UO	VE3DZ
293	290	N6UK	W8AXI	LZ2JE	VK3HJ
AA4R	9K2OD	NA5C		ON6AA	W3JX
CU2AP	AA4A	PY2KP	285	RD3AW	
DL1HRN	EC3A	S57AT	4X6ZK	SM4CTI	278
DL1SMA	I4KDJ	UA3AGW	AJ9C	UA0BA	9A4T
EA3WD	IZ4MJP	W1EQ	CU2DX	W4OX	E72A
IV3YYK	JA1KQX	W1YIF	DL2SWN	W7AL	EA8RR
JA2CXF	JE1LFX	W2LE	EA3GHQ		EI9JF
JA3RQ	JE2EHP	W2NO	IZ0RVI	281	F2NH
JA7LGE	JK1TCV	ZS2EZ	IZ8DFO	AD5Q	JA8LRG
JA9GPG	K0BBC		JA2VMU	CT1FCX	K2UR
JM1FHL	LA2QM	287	JK1GOK	EA5OX	K5RT
K4JAF	LA5LJA	9M6YBG	K0TPP	EI2GLB	KD0PO
K9SM	LU3CQ	AA8LL	K6GXO	F3AT	SM0NJO
N2LM	N9FN	HB9BAT	K6PJ	IZ8FDH	VE3CRG
PY2IQ	PP1CZ	IV3GOW	N8LJ	JA2IYJ	W8MHW
S55DX	SK3PY	IW1QN	OE1WHC	K0GD	ZL4TT

277 EU1KY F5UJK HB9RYZ JA3ENN JA8EOT JH3KAI K2AJY K8UT N5LZ UW2ZM W3BW W9MJ WF2S WT4Q	KA8ZPE KS3F OE2GEN RA5BM SV9AHZ UA3ECJ	KB1EFS LB2TB N6TA UA3TT WA3C	OH1ZK SM5ENX SM6BGG W2FV WA1YTW	264 4Z1UF DF2GH EA1KP F6DBX HB9BUN IZ0NRG JA8ZO JR4LNG K1CA K5VWW LA0FA N1GC NV9L PA7TWO SV1CQN VE6AX W5PF W8MET	W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART YB2DX
276 DK3WW HB9LCW IZ5BAM JA7FWR JA7LMZ JA9NLE N5MOA ON4CAS RX4HZ SM5CLE VE1JBC W1YRC W1ZT W2OIB W5GO W8RLS	273 AB4SF JA2TBS JA6BEE JH3GCN N4IG NK0S OH1JP OZ1ACB RW7M UR5WA W1OPD W4HG W8QZA/QRP	270 AA6AA CT1EAV CT3MD DK8MCT DS1JFY EA1KY EI6FR F9XL JA3XNH JA8DNV K0BJ K7UA K9JF N4JQQ N4QQ PU2POP VE6LB W8HC WL7E	267 AA4FL JA2QXP JA7BEW JI3CJP JJ1TKN JO4CFV K6BV K6IPM ND4X OH4UI R8TX SM5BMB SM5FUG W1KSZ WA0MHJ WB2BIN	263 DK4TP EA3CJ EA4DL HA7UW HL4GAV IZ4DPV JA7XBG JR8AMF K1KO K4RG K8FH KN6KI N1RR N7BT NF1G WA4LOX ZS6NJ	261 HB9IQB IZ8IEV K2FW K7LJ LA5SJA N3RC NX0I OM8FR SM4AZQ SM7CQY W4UCK ZS6WB
275 HL2WA JA2JRG K1DT N2JJ N7KA N8PW PA7RA WO7R	272 AF9H F5PBM HK1MW I5OYY IK5PWN JH0BQX JH7BKN K1UU K7EG K8BL KA1ERL KI4GE N9RD OE5FIN PA0ZH SV1ACK W2OO W3AP ZS1A	269 IK8EPC JA1OVF JA1VLK JP1NWZ K0KT K9MBQ N4UOZ NW7E OM4EX PE1L SM5FWW W1MK W3ACO W4MAY YB1AR	266 7K1PTT EI8IU IZ8VYU JH1HHC K2KA K8AJS K8ROX KQ4AV N6PSE OZ4VW PZ5RA RA4CA W0FLS W9HBH WB2GAI WB3LHD	262 CT1BWU CU3EJ I5REA IV3VBM JA8BAR JG1OGM K8AV LA9FFA LA9VFA N8OC NK4L ON5UE W0GG	260 AA9A EA8MT EA9IE EC1AIJ FG5FR G3UAS JA1KPH JA2FBC JA3WLN JA6GPR JH3FUK K1ESE K8YSE K9FN LY1G N6MZ N6RV NN4X SK7AX SV1FJP TG9NX WA5LFD
274 DL6JZ EW1KP IK0AGU IW0HOU JH1IAQ JJ1DWT K3PT K6UM	271 4X1RU AA8R I1FQH IK2DZN IZ8EJB JA0DET JE6TSP JM1HJG K3PU	268 7M4AOE CT1FPQ JA1NWD JA2XCR KD4W N2AJ N5JB NA5DX	265 G3WPH JA4FM JH4HMG K2CBI N5KM N9JV W6RS W7MEM XE1MEX	259 4F2KWT DJ8NT EW1BA JA4VLK JA8BNP	

K2UFM	M0TTB	252	249	WV4TN	JH1WJR
LA6UL	N9ISN	DL7UPN	IZ8GGF		JH4ADK
NI3P	VK3NX	F1ICS	JA1EMQ	245	JJ2WOC
PY5CC	W1KDA	G3KWK	JA8FFM	AJ8MH	JK1VXE
W7AH		G3NKC	JH8GEU	JA3QOS	JR1MLU
WA1S	255	JA1BNW	K9NR	N0AH	JR7GBL
	AI6Z	JA8UIV	NU1B	NZ3O	K4PB
258	EA5RD	JF3PNQ	OZ5NJ	S55ZZ	K7FEL
CU3EQ	F6ECI	JH1ACA	SM4OLL	W5DM	N2NS
DK7YY	IV3TMM	JH4CBM	UN3GX	W9JJB	N4HB
EA3EQT	JA1VRU	JK1UNZ	VU2CPL	YB0NFL	N6HY
IK4AUY	JK1OPL	JL1BYZ	W0RX		N6KZ
JA9AGN	K7XB	LA5YJ	W2GW	244	SV1IW
KH2L	KR4F	W2ZI	W9RC	HL2KV	VK3BDX
N3VA	N1RK	W7CA	XE2D	IK8UHA	
SA0AQT	NA5Q	WV6E		JA1CZI	241
SP6JIU	VR2XMT			Ji6IHG	AB5C
US0YA	WQ6Q	251	248	K0KG	AF5CC
W1SSN	WS9V	9A4W	AK5X	K1EFI	HC1BI
W9EWZ		DL2RTL	G3VPW	K1YR	IS0AFM
WA0RVK	254	JA5BGA	HB9DOT	K6EID	IZ8FWN
ZL2IFB	BA7IO	JR3UIC	JJ1SKG	K8RRT	JF6XQJ
	CT1BWW	K1FEV	N4XP	KF7F	JP1IOF
257	E72U	K1SM	OZ1LCG	N0RN	K7KB
AF4HX	IZ5YHD	K4VIG	W5JAY	N1EN	KV1E
BA4RF	JA3VPA	K8CW		OE3HWC	LA9GX
DJ0UT	JF2WXS	KG9Z	247	SP6A	W3ABT
DS5ACV	JH1VUO	N4SC	HI8R	W4REX	W5DNT
EA7SG	K3SEW	N5UL	HL3DE	W5PJR	W5QM
EB3CW	KI1U	W2JLK	JA1DDZ	WA3F	
IK2PZC	KI5BLU	W4SK	K1PL		240
IK8VRH	N4LR	W5GAI	K3VAT	243	7K1CPT
K6EME	UA3O	W6DE	KM1D	CT1FUH	DH2PC
N6HC	W7YAQ	W8JRK	N7DED	CT3KN	GU0SUP
PY2MC			VE3YV	DS5TOS	HB9EFK
RU1AB	253	250	W8IQ	G4XRV	JA1DM
SM7IUN	HB9DHG	CT1DOF	WS5W	JA1PBV	JA2FSM
SV1VS	JA6IVR	HA7TM		JA2EPW	JR1WCT
W8MJ	JA8XQI	IK0UTM	246	JE1HRC	KF0LA
	JE2RDO	JA8CJY	AA7G	JF1LMB	N0ABA
256	K6MKF	JL1MWI	FG4NO	JH3FHQ	S51NM
BH4QYX	K8DV	JR0EQQ	IV3KFB	JR5JAQ	UX5UO
EC1A	KE1F	K0DD	JA7HRM	K4ZO	W0SZ
FG8OJ	N5BO	K4KAY	K2SN	K8ME	W8IW
IK4HPU	N7XR	K9ZM	K9YC	N1API	W8WEJ
JA0KJE	NT5V	KQ3F	KM6HB	N4QWZ	WA4CEM
JF2VAX	UA0FO	N1SV	N2DPF	W1BR	WB8CQV
JH1RGG	VE3YF	PA0JSE	N3KN	W8OP	XE1RBV
JH4GJR	W2XI	PY2FN	W0JM		
JM1GHT	W3FI	UN3G	W1KMA	242	239
JM2RUV	WF4U	W7HPW	W2TB	G3KMQ	6K5YIA
K0TT	YB0COU	W7IU	W3ICM	HL3AMO	DJ9RR
K4JJW			W5ZO	JA4ZA	DL9FCY
			W6RW		

IZ1JMN	JA1HOM	N4OA	IW7DVM	K5FZ	JA3FHL
IZ2FOS	JA1JYE	ND4V	JA1MZL	KB1DMX	JF1MTV
JA4HAW	JA3KNN	NV4B	JH0AWC	KE4UW	JH8NQV
JA6CBG	JH1DGJ	OH2IS	JH1UBK	N6PM	JL3OUW
JA7KE	JN1NOP	W3WST	JJ1QUV	NH6T/W4	K0OK
K2XF	K1ACL	WA4JQS	KD6UO	RA3QUA	K1JIU
K8YYY	KM3J	WA5UA	LZ2XF	W2DXE	K5YU
N8SHZ	N4GN		NA4EA	W8GNM	KA8SYV
OE3KLU	N6IE	233	SM7NDX	WB8K	MU0FAL
OH7TV	OE2BZL	AA9GR	W0QQ	WC3W	N9SF
WA6JA	OZ7FOC	AA9RR	W4UDH		SM3LGO
WB7B	PA0TCA	AJ4A	WA2USA	227	W3MR
	SV1HEP	DH0GSU		DL2RUM	W5GZ
238	W0HBH	EA4DEI	230	HL2EIZ	W5TFW
EA1JO	W2YR	EA5AR	F6HLC	I0MWI	W8CZN
HB9MFM	W4GIW	JH1SOD	G3LUW	JA0DWY	W8UV
JA0LXP	W6DR	K8BN	JA5NPV	JK1SQI	YO9FNP
JE1PNX	W9OO	K8EAB	JA6AVT	JK1WSH	
JE2VLG	WA1PMA	KJ7M	J11VVB	K1GE	224
JF0JYR	WY6N	N2NW	K1KA	K5GH	DK3PZ
K9OR	YB2TX	N9BX	KB9DAK	KF9UG	EA7QW
KA4RRU		NE3F	W8WVM	N1NU	JA8NFV
M0CSD	235	PY5IP	W9YE	N6OJ	JO1LVZ
N4PJ	EU1U	SM0XBI	WB2NPY	NF4A	K1CBK
N5ZC	JE1IBI	W2NRA		W5SL	N3RW
N9UA	JH2VVH	W6YOO	229	W8FIB	N7WO
W4KA	K0VSH	WA8MCD	AA3LX	WA9GON	RW4CY
WA4QMQ	K4QE	WB2KSK	AE0P	YL2KF	SM7BHH
WB0TVY	K5CWR	WD8PKF	DL8SDC		SP6AXW
WV9L	K8ZM	WE4S	G4FKA	226	V51B
	N2FF	ZL4AS	IK2GAJ	DM2RM	VE3SKX
237	N4IQ		JA2OLJ	HA5PT	WB00
CT1BOY	NW4M	232	JE1VTZ	I0OSI	WN6K
G0VXE	TA1CM	AC9EM	K0HD	IK7FPV	
HB9CXZ	W4PNY	EA1RT	K3FM	JH1IED	223
HB9JOE	W7YW	JH6DUL	K4CMS	K2BA	AB4UF
IW3GJF	W9FI	K1XV	KD1F	K9JU	AC9O
JF2OZH		K4ST	KI4DLS	KH6M	AF2C
JH1DGQ	234	K5FNQ	KS4S	KK4OK	E21EIC
K1RV	DF7EE	KF7PG	N4NW	KX2A	EA5B
K2NV	DK2CC	NY2NY	W1WC	N2KX	EA7DUD
N4HID	HB9BYQ	OZ1IKY		N5ET	I8MTQ
SM0MPV	HS1NGR	RK4FD	228	N6BM	IK2RZP
W8UN	IK0LNN	RQ3A	7J1ADJ	N9AOL	IZ8MBW
WA0ROI	JA3BXF	W2/CT1GIF	F1RAF	VE7TK	K6IPV
WB8B	JH1APK	W3FOX	F5LIW	VK4CAG	KI6CG
WB8ZRL	JJ1BMB	W6CYX	GW4TSG	W9DX	KW4V
YO3JF	JK1BSM	W9ZCL	JF1RYU		N2SQW
	JR1VAY		JH1ERJ	225	N4ENE
236	JR4LZX	231	JH2PWY	DK5RL	NA2AA
HB9ZS	K4MF	AD5WB	JH3GFA	DS5DNO	W7IB
HL2CFY	KE5FXE	DK6OR	K4JC	EU1M	
I0JBL	KE8UM	HL2ZN	K4KGG	JA1IAZ	

222	PA3BWD	G4VMX	213	KD4SN	VK2CA
AA0MZ	SM0DSF	HB9DQV	9A1AD	KD8RQE	VU2DCC
AH0U	UR4IOR	JA2VHO	AG3V	PY2WC	W1MJB
AK5Q	W2PP	JH7WQX	DK3UA	S54A	W4GE
DJ9SO	XE2X	K2TER	DS3HWS	W5WP	W7NN
DL5XL		K3NQ	HB9HIT	W6WF	W9QO
E77S	219	K7LV	IV3FFI	W7FP	YB0MWM
IZ7AUH	F5JSD	KK4OW	JA0EVI	WW2DX	
JA9NFO	HB9BNQ	KR4W	JA1FVS	YB0DJ	206
JH0OXS	HL5BMX	N9JR	JA3NHL		3A2MW
JM1VRW	JA1FJJ	NC4RB	JR1EFG	209	HB9CRV
K2AT	K3EA	NJ7G	K2RU	JH8UQJ	I1YDT
K2HAT	K5JZ	PS8ACL	K4JWA	K0VM	IW9DNI
K6ZZ	KD2T	W0SR	K5ALQ	KB4MRX	IZ4DIW
KB5UNX	KG6I	W9MO	K9GA	N0ODK	JF1IRW
KJ7TEA	KI7AO	WB3D	N4TOL	N9XX	JN1NBU
KK9H	KR6C	WS1L	N8GP	NE6I	K3SX
KS4YT	N1KC		NA2M	PU1KGG	K8NK
RA4P	N6DX	215	VK3FM	SM5BNK	KK5OQ
VE7BV	NA9RB	9H1EJ	W2KA	W6DCK	KK9T
W6AER	W6GRV	AA7XT	W3BJ	W8BLA	KO6KD
	WA3I	I5XFD	W5GA	W8HMK	KW4CQ
221		IZ0BVU	W7HR	WB0ULX	N8BJQ
AG1A	218	JA4CZM	W8LMG		NA9Q
EA2AAZ	DL2NOM	JE2UFF		208	WA3WZR
G8AJM	DL4NBE	JH5HDA	212	JH0NOS	WB0N
IZ1JLG	DS4AOW	JT1BV	G4ZOY	JR3VMJ	
J11NJC	I7PXV	KE6V	JA1BWA	K0THN	205
JR7FRW	K1NTR	KF4NEF	JE2EBT	K4CGY	AC9S
K5DV	KE3D	KX4TT	JS6TWW	K4WES	CU3AN
KU4XO	KV4AA	N8NN	KU4BP	K5RJ	DL4LAM
RU0SN	N4JT	N9PGG	PY2RO	KU8X	DL6UNF
W0BM	TZ4AM	RN9N	SM5AOG	LB5WB	GM0VRP
W4DEE	VU2CDP	W0FG	SP5LKJ	NW6S	IK0WRB
WB4KTF	W9KVR	W0TT	W5DAW	W1FA	JA4DHN
	WA2NPD	W1JGS		W4WN	K3WWT
220	WC4H	W4IS	211	W5FPT	K4YYL
AA6RR	WX2U	W6SL	JA3LDH	WA6G	N9KW
DL4DW		WE1P	JE2KSM	ZS1J	OH3OJ
EA5DFV	217	WW8W	JJ1KZZ		UN9L
EI9FVB	IK0CHU	ZL2AL	K1NJ	207	WA4MME
IK1IYU	JA2NNF		K4YJ	9K2BM	XE1J
K1DJ	JA7ZP	214	KT2C	JF1WLK	
K4EU	JG5RVQ	DJ3AS	LB6KC	K5CD	204
K4MIJ	K0NV	F4GVO	LU6ETB	KE1VT	EA2AFV
K5MT	N6QI	JN7DOS	N1BY	KK2M	HB9DVO
K6MM	OZ0J	K0QQ	N6PEQ	M0IKW	JH1OBS
K7AWB	SV8DOU	K2AZ	VR2XLN	N4FN	JJ6DGP
KV4T	W0TM	KB6CIO	W5THT	N9AKR	JR0QFA
KZ9DX		SP7ICE		OE1JIS	KB5HC
NA5Z	216	W0KCJ	210	ON4ANN	KM9E
NG7M	CX2CC	WB6BFG	JA1OVD	RD9M	W4GP
ON4ATW	DJ3XG		JR2PZX	TF3DC	W7IV

XE1L	200	JA0CIU	KP3AH	VR2CH	JH7NTW
ZS2Y	HB9AGO	JA2MNB	KR8T	W1LE	JK1AJX
	HB9IIO	K6TAR	N2ZA	W5LO	JP1GUW
203	IZ8EKL	K8SIA	NJ3K	W8UQ	JR0AMD
DF3EC	JA0KJD	K9SG	SP6E1Y	WF1H	K1JD
F5NBX	JA3EY	KI4WCQ	VU2LBW	WI8R	K2DC
IK2RGT	JA7MAD	W4DAO	W4DC		PY2RN
IZ0BTV	K1ZJA	W4HZ	W5UHQ	190	WV4V
JA7JPZ	KC6JAM	WQ5R	W5VQ	AA4U	
JH8NBJ	N1IA	XE1H	W7PAQ	AC4VM	187
K0CS	N4TD		WA1NXC	BV1EK	EA5HM
K4JKB	N7ELL	196	WI7P	DJ9KV	IK8GJR
K9OW	PY3VB	AG5W		EC7B	K3NF
K9TF	SM7GIB	CT3CD	193	G3WW	N6NU
KA1DJ	VK6LC	G7SSE	7L4VYK	G4XEE	SV8CKM
KM7R	ZS1DX	I7LGM	AE4CW	HL4CCM	W5ZE
N3PS		I8YAV	DH3KM	JA2ITK	
N4TV	199	JA1XRA	IZ5MOQ	JH8KFE	186
N6PAT	AA3TH	JA2NDQ	JA0AXV	JI2UDK	AA4LR
SV1FKZ	AC0X	JA7FAS	JA1QIW	K7UT	AF6PK
W1DYJ	AD4AA	JH1OGT	JG1JPE	K8ZT/QRP	DF2UA
W3BNN	JH0RVY	N2GZ	KB2FCV	KD0AA	I4UUL
W5RF	K4SX	N3QE	KM1C	KL7TC	JM1SZY
WA3FRP	K4VNY	NA9A	KZ1W	N3AIU	K5QX
	MU0GSY	RC2A	NU4B	N6MXU	K5RKS
202	N2RR	SP3F	SM5ELV	NW7US	K7PT
IK5BOH/2	PB9FN	SP5MXZ	W8NN	W2OR	KC6X
K9WX	V51YJ	W6HYI		W9ROG	KK0DX
N6ZN	W6JZ	WA0WWW	192	WA8LRW	LA6OP
N8WD	W9LN	WB5NHL	F6FYD	WB4GLI	N6VNI
NU1O	W9RXJ		IZ7GIT		W8RV
W1AW		195	JH1FVE	189	WA5IPS
W3NS	198	CT1ELF	K5IB	G1VDP	WB4DNL
W4RDX	DJ0MCH	IZ5FSA	K6XN	HI3T	WZ4RC
W7TUS	IV3BSF	JA7QQQ	KE0A	I0LYO	
W7VY	JR1IZM	K4KEW	KJ4UZU	IV3KCB	185
WE2N	K0GW	KE4S	KJ4YLO	JA1SGU	K0KP
	KA1J	N3XM	N4XYZ	JG1SWM	K2CYS
201	ND3L	OH6NIO	UR3EO	K6UXO	K3PP
AA8SW	RA3BL	SQ7FPH	VA2IG	KY5I	KE5BR
DL4FAP	VK6OZ	UR5FEO	WA9BZW	M0HIH	KQ4EE
GI4OWA	W6SHY	VE3YXO	YB1TQL	OH2LHE	N4HN
IZ0GYP	WA2VQV	W3SB		ON6KE	UN7BK
K0MFI	WY1G	W6KK	191	RM3DA	VA7ZT
KK1W	YL2TW		AA4NC	RN3CT	W2WG
NY1V	YV5LI	194	DG5LAC	SM4BZH	W5SUM
PY2GG		A65BD	HA5CW	W4AEJ	W6RKC
RT5A	197	HB9ESS	K1RI	W6DPD	WV2I
W1OP	4X4MF	HB9VAB	K8QKY	XE1FAS	
W6AEA	BA4TB	IT9ODQ	N4DWK		184
W9IL	EA1DLU	JA7JM	N7MQ	188	AD6ZJ
WC2K	IT9AAI	JH1OCC	OZ7DN	EA7AN	DS4GKF
	IV3AVQ	K1LT	VK2HV	JA0GCI	EA5RU

HP2NG	N6VS	N6DHZ	KF6HI	SP5ES	JE1PHH
IK0HBN	N8HRZ	NN2D	LZ2ZG	W1ASB	JJ1BDX
K3JM	NN9X	W0PE	N7NG	YB4IR	K8ZZU
K5TN	NV4A	W7HUY	N7VPN		K9OT
N2MEE	UA9AEU	WB6AXD	NS3L	171	KF9AF
NN5E	VU2IBI	WC0W	UA1OM	AA5N	KI2D
NW7M	W6TK		UA9AGX	AD3C	N5MT
SM2EJE	W6UC	177	XE1R	CT2GZE	PP7LL
UN7BY		4X6UU		DL5MM	RD3BD
UT7KF	180	IU0ICA	174	F9CI	SM7WVZ
W6BK	4X6KJ	JE4RAL	AG7N	IK3GBG	SV1IZY
W7IUO	A61BK	JF1LZQ	DF8FT	JS6QOM	W7VAS
WB2HJV	AA4AK	JG3KLF	DL5KUA	K2TV	WA6QGH
WB3BFC	JH1IZR	K0EOO	JK7LXU	K4WY	
WB4YDL	K0IL	K2JL	JR3TOE	K6ZP	168
WB5STU	K2SD	K2MK	K5CR	KB0V	A92IO
YB1RUS	K8SL	K3OX	K9HQM	KC5LK	AG4Q
	KM4VI	K8YE	K9UQN	KP4DKE	EW1P
183	N2ZZ	KD1AB	KZ5DX	KW9U	JH1ORA
JA2KSP	NA5S	KF4VTT	N4PYI	N8WRL	JP1LRT
JE4CIL	NZ5O	NA6MG	N5QS	NA6O	K1VI
K3SF	VR2XYL	SM5CBM	W5WI	ON6MX	K2SY
K6LRN	W4DSM	VK2AAH	WA4BIM	W0MU	KF0RQ
KC2SST		W0IKD	WA4NUF	WA4DOU	LU8ADX
LU4FW	179	W1AO	WQ5T	WA5KBH	LX1CW
NA2U	DL5MHQ	W4KVS			N4ST
W3ML	JA3EEM	YB1TJ	173	170	N6MB
YB2TS	K1RH		7L2QAD	DL2JIM	OE1ALW
	K4WZ	176	AB6CF	EI5KO	R4FAN
182	KE5TD	DL6NW	AI9U	EI6AL	VR2MY
I5FLN	KJ6NZ	F4WDL	EA6UE	JA1GVT	W5JMW
I8LWL	KZ2R	G4AYU	HB9FBG	JK1BIB	WX0Z
JA6SQR	N3KV	JR1FHP	HB9HVG	JQ1YIW	XE1YD
J11CQA	NC2Y	K5DCW	K3DFL	K6EGF	
K7LAZ	NK7C	KK7YC	K5ZQ	K6JJ	167
KG4JSZ	NO0B	KT8D	K6UNE	K7CU	AE4M
KK8MM	SP5ELW	N1JP	K8JE	LA2GH	F4DSE
LA5LT	W0ZS	OZ9XU	LA9VBA	N4VN	JA8BOV
N8NA	W4CCS	VE1VOX	N7HN	N5PA	KB8NTY
N8NB	W4TUN	W4LEW	N9DR	N6EM	KE3X
VK5GR		W7WZ	NX2X	N8VV	KH6XT
VU3CAU	178	W9WO	OV5O	NX4TT	KN7D
W6SFK	EA8AXT	WA3GNW	SM0EUI	OZ3SM	N1ZJ
WV8DX	G4DDL	WF8R	WY7FD	VE1OP	N8JS
	IW0BYL			VE2YG	PT2ADM
181	JA1ERB	175	172	W0OGH	PY2SEX
IZ4AIB	JA3UNA	AG5CN	EI1DG	WA4USA	TF3VS
JA7DPC	J11WLL	IW1PUR	G3SBP	YO4AUL	WA0SXV
JA7FVA	K1ZE	JA0LFV	JA1BON		WA5NFC
JH1FNU	K3VAR	JH6RTO	JE3PCP	169	WB8BZK
JK1DDG	K4GO	JO3WHB	K5TA	DM3CW	
KY6R	KR2Q	KD4POJ	LZ1XL	JA1KXT	166
N4MIK	KU1T	KF2OG	N3AO	JA3AVO	AL7R

DL1SVA	N2XQM	JL1GYZ	EA1P	W3HKK	JR7ILA
GM7NZI	NA2P	JR4CZM	IK0WMJ	W4DTA	N7JB
HL4XM	PT7DX	K1XE	JA0ED	WB9B	NE5W
JR6GHN	S50B	N4BAF	JA3PRM	WD8KND	SM0BYD
KN4FO	SP7QHR	N5FEE	JA4FKO	156	VA3OKG
KR4BD	TF3JB	OZ1HPS	JK1JAS	DK8IZ	W0JMP
KW4J	W6SIY	W4NBS	K0IO	EA3HPX	W4CIR
LA7EIA	W9CSX	WA7BNG	KB7AK	GM3WIL	W8TM
SV2CLJ	WC4X	161	LA4JGA	HB9MXY	WA9MAG
W4PGC	163	HL3ERJ	LA8ZAA	JA1CCG	WN7J
W8SAX	AA4OC	JP7FSO	N1MD	JA2ODB	153
WA1ZIC	AA8KY	K1BZ	NE5S	JA9RT	HB9BEM
WB3JFS	AI4QQ	K2OP	OT1A	JE3OUW	JA3UOQ
YO3AIS	DS4NPL	K4AR	VA3NXM	JG3RWX	JH2NWP
ZL3RJ	EA1AZ	KM4A	W1EBM	JH2AJY	JR7MAZ
ZS6IR	F4CPF	N7QT	W8QXR	KA9OKH	K0LB
165	HA5BSW	NA6XX	WD5BJT	KC4HN	K4OY
AG6HE	IU8IYE	OK2ZDL	XE1MW	N4QM	K4SAF
CU3HN	JA0MRW	SM3PHM	158	N7GCO	K8ROK
EI5JL	JE4KCN	W5BK	9J2BS	N7RD	K9MMS
IK0XIH	JR6LDE	W5RDW	AA4UC	W1MR	K9YZ
JE4WOK	K0ABC	W6DOE	G4SGX	155	KK4XL
JF1KML	K0CF	W9GG	HK3PJ	5P5Q	N0VVV
JQ1PCX	K4GN	160	IK3DVY	AB4GE	N7NW
K2AX	K4MV	E70T	JH3EQP	DK3QM	N7WI
K3VPZ	KE1B	EA1WH	JJ1KXB	IV3TDM	NC7B
KG4CUY	KG5NP	HL1VAU	K4HQK	IZ2EWR	OH3FVP
LA2XPA	KW4MM	JA1ITJ	K8GWU	JR3ADB	SP5NON
LB7ZG	LA1CO	JA1UOA	KB2XJ	K2DF	W8VK
N2RJ	N0AMI	JK1EBA	KF7NN	K4EZY	WB4SON
N3KS	N7KDT	JR1CAD	KJ7NO	M0IFT	152
RA0BA	N9ATF	K1ROA	N4XMX	N7WS	4O3A
RL3BZ	N9LEO	K5VR	W2CG	NK7Z	AC6BW
VK3TC	R3IS	K7CTV	W6FL	NO9E	BX5AA
W2FS	SM7CZL	K7LY	W8LIG	OE1HHB	DF2WF
WB2WPM	VA2LC	KC9K	WB2RAJ	UT7EC	DL8DWL
WB9PNU	W1OK	KL0S	WT2P	W5SV	DU1KT
164	W1XV	KM4NS	157	YB1AYO	G4AFJ
AC4BT	W8MIL	N0IW	7N3IJT	154	IK5BSC
CT3DL	XE2YWH	N4MEC	E20YLM	AJ8B	JG2LGM
DL7JRD	YO3DDZ	N5WA	EA3HDZ	DK1NAL	K0RAR
EI6IZ	YO3IPR	N8IL	EI2JD	DS5WQT	K2EK
IZ0GVZ	162	NI5F	JA3MHA	JA0GZZ	K4RDU
JJ1JMZ	4F1OZ	SV1XV	JE3FOR	JA4HXF	KD2OV
K0COM	AC0DQ	W1TO	JM1ESG	JA8ANQ	KE9S
K3HW	AD0K	W9FF	KN7Y	JE6PJP	NM1G
K6CF	BH4IGO	WB8QZM	KW1DX	JF3VEC	ON4LG
K6GFJ	DJ7JC	ZS6RJ	N4MI	JH1AQN	R9JX
KA1API	DS3EXX	159	N6MM	JH1BHW	W6RFF
KD8MQY	EA2AGV	AA3AZ	NP3CW	JR3QHJ	W8FN
KL7TS	HS8KAY		PY1NS		WA6EZV

WA9IVH	DS4DRE	JK1OTP	N6KK	W4JVN	KC3AK
YV4DYJ	ER0FEO	JL6USD	W3DQS	W4UFO	LA8PDA
	IZ0FUW	K0PC	W7NP	W7VS	LZ2HM
151	JS6SCC	K3GGN	WR7Q		VE3NJC
AB2E	K2KIB	K3GW		142	W5VU
DF1IR	K2RET	K4NTO	144	IK1UGX	W9BS
DL4KUG	K9EXY	K5UZ	AD0TR	IK1ZNM	WB1ASL
JA2BUR	KM2E	K8WHA	DL6DCD	JA1PUK	WB8EKG
K0KV	KP4DS	KB9LIE	G4FTC	JH6PFY	WW6G
K4DET	N0STL	N8IK	GM0VIT	J11UHZ	YB3MM
K7LAY	NE0U	SV8RX	JK1NPH	K3GT	
K9AAA	NU4Y	W0QC	JL3DGI	K8MRT	139
KB7QFE	NZ0O	W3NRJ	K1TKL	K9UO	AA4DD
KE4BKL	PY8WW	W8OM	K2HT	KA6BIM	F5VML
KE8G	RT0F	W9GM	K8OS	LA1J	HB9ARK
KK4CLY	TF3Y		K9UWY	NF7D	HB9DTE
N7MB	UA9MC	146	KM4HQE	YO8CRU	HL4CBX
NU4I	VU2NXM	AE5B	LA2IR		K0QB
SM0NUE	WA1EHK	HB9HHH	N5UE	141	K9QJ
VA3EJN	WF7T	HP3TA	NH6L	7K3QPL	K9TRV
VA3HP		JA3KWZ	RN0C	9H1AE	KX4I
W3HER	148	JE1COB	UY2UZ	EI3ISB	N0CKC
W5WLA	4F3BZ	K6NR	W0AIH*	G0THF	N2SG
W6WA	A71AM	K8ARY	W3DIY	HB9EXQ	N7NF
WA9JWL	AK9B	K8POM	WB9W	IZ3XEF	R9MJ
WC2C	IW5EIJ	KB9AIT		JR3PKO	ZL3TE
	J68HZ	KD3HN	143	K2JK	
150	JA4GXS	KM8AM	AA4MM	K9AAN	138
AD5MD	JF2AIJ	N6RK	AF3X	K9AQ	DL5KUT
DK3BK	J13BFC	N8TFD	EA4D	KA5SYP	DL5ZB
DK3FB	K5EWS	SM3DXC	EI2HY	KA5VFU	G0FWX
HB9EBM	K5LY	SP9IZV	HB9AAA	KC1ERO	HB9DVZ
IT9ABN	K7STO	WA2MUA	JA1MOD	KO4PRE	JA0CVC
IT9IPQ	KA3GWD	WA3SKQ	JF2RSF	TF5B	JA1PVX
IZ2MHT	KD4EE	WA5NOM	K0SRL	W1NA	JA1VRY
JA6SUY	KM2O	WW8RT	K2OO	W5GOL	K2YSY
JA7GZM	LZ1MDU	XE2B	K6LPO	W6HDG	K6CW
JG1GJH	N0TK	YB1BML	K7QBO	WK8A	KC9G
K1QN	N3ND	YO2DFA	K9BQL	WK9U	KF6A
K5HK	NJ6K	ZS6UT	KE4FW		KU9S
K9RT	PY2CP		KG6D	140	N0SL
KI7M	VE6TL	145	KJ2U	AD9DX	N3PV
N6JOJ	W4AG	5T5PA	KJ4R	EI6JK	OD5YA
N9IO	W9MAK	AA5TL	KN7K	EI7GY	PV8ABC
NG9J		AC7JM	LB2TG	EI7JZ	W0UHL
ON6ZV	147	AL7TC	N1QY	EW4C	WA5POK
SM0BSO	AB9KZ	DL1MEV	N2YBB	I4JEE	
W3KB	EI3CTB	EA4S	N4GBK	JG1RYQ	137
W4NE	F6KOP	JH1CTV	N4UP	JJ1OKK	AC5AA
ZS1C	G3VQO	K4TXJ	N7ZA	K0UBR	DL2RD
	HB9GWJ	K5FXB	OH3PYY	K6EV	EA7LS
149	IS0/YO3RA	KQ5M	TF4M	K7VC	G3PSM
7N2JZT	JJ0LZQ	KS0M	TG9AJR	KB1HY	HL1MKT

JA4DNC	K4OP	OH3DP	W4MA	EA1AHA	WB2KSP
JH1SBE	K5VG	OH7HM	W5EC	EI3IO	126
K2CDJ	KL7NW	PT2ND	W6OUL	F4GTB	CU7AJ
K2RKJ	N5RN	V31CQ	130	HL2DBP	DS3EXT
K4AU	S53MJ	VU2ABS	AA4QE	JG3KMT	EI4HH
K6IRA	W7QHE	W1GY	CT1HHP	JH1AWJ	G3XLF
KP4N	WB3AVD	W1ITU	DL1SWN	JN4FNZ	IK4TVP
N2KI	WB6FWS	W3MF	JA2LMY	K6OJ	JA5CDL
N4KM	WB9IWN	W9SE	JH3PRR	K7PTC	JA5XPD
N7VZ	WO5I	WB9ZNZ	JL4BSE	K9YKL	K2GLS
N9NFT	134	YB4CHP	K2MHE	N0JR	K5KDX
NU1T	AB0RX	YO3GJC	KN4JX	PU4MMZ	K7PO
OE3JAG	AB1J	132	N2YF	R3BB	K8GT
SM5CSS	DL4ZAB	AA4FU	N7TM	UR9IDX	K9QA
SP3EPG	EA6AZ	AK3E	NS4F	W0QD	KC5RR
TA1AL	IZ8DEO	AK6I	OZ6TL	W5MF	KC9WPS
W2GGY	JA6GXP	I8NLC	RC3FL	W6IS	KK4CB
W2NY	JR0GXA	IZ0COI	W1MO	W8BI	KS4WA
W4UEF	JR1HYA	K4BNF	W7KKC	W8WV	N5HC
W9MR	K3KY	K4WM	W9CTJ	W9EBO	N8YQX
WA0WOF	K7FL	KE7BMG	WB8RFB	WA4UWD	N9BVA
WG0G	K7YZO	KG8OU	YB2IQ	WC4V	NX8Y
WS1F	K9JDP	KI7HO	YO8PS	WP4CQ	OH4KRN
136	K9SUH	KK5ID	129	WQ1H	VE3TMG
CT1ESO	KA9JCP	KX5U	AD6KQ	ZS6AKU	VR2VGM
DM5JBN	KD2SC	M3DFW	AE7U	127	W8VI
EA5KA	KF5WCP	N1AH	JA0AVS	7Z1HL	W9COS
G0OSK	KF9LI	N3TR	JA1PLT	AG4TO	WA2BOT
IS0EBO	KN4OK	N4EDT	JA2ACI	DJ5DT	XE3E
NT5EE	LB5GI	N4QOG	JA3WMS	DL9GTB	125
ON5GF	N6XT	NN3V	JH1RFM	EA3NG	AC4XO
TA1PB	NJ1Q	ON6YH	JM1CMA	G8BCG	EI8GS
VE3FRR	SM3WMU	PY2OP	JN1SUT	HK6K	G4EHT
W0ANZ	W1DAR	SM7DXQ	K0ARM	I2YPY	IK8PGE
W4EJG	W2KNG	UW7UA	K0YL	IK2ULM	IZ8EYN
W4GH	W4UAT	VU3WEW	K7ORK	JA0BES	JA1IHD
W4PGM	W5AAJ	W3KHZ	K8RCT	JE2VYM	JF2OHQ
W4PV	WB1DX	W4MC	K9BO	JG1LRE	JH8FIH
W7SX	133	W5FL	KB4KBS	JH1HRJ	JP1GVC
135	7J1ABD	WA1HXH	N7TW	JI1MNT	K5NOF
AB4FH	DL8OH	WA1KXV	N8BK	JR1LZK	K9ARZ
GM5YTT	GM1BSG	ZS1EL	N9AVC	K7LFY	KC2STA
HZ1GW	HB0WR	131	PY3OG	KB8KIM	KK5J
JA1DCK	HK4EB	DM6MA	SM2YIP	KF3N	N7UJJ
JA3MIO	JA5IBP	EI5GM	VK5CE	LA2LI	NA7RH
JA7MWC	JM1JIV	GM4KHE	W7TG	N0AB	NN6CH
JJ1HLL	K7YMG	JH1IIV	XE1ILI	N3GTG	NT9F
JL2ULM	KG6WIK	K5SES	128	NA1RL	SM5AFU
K2WJ	KI4TZ	KA5IAU	A71XX	ON5EQ	VK2DAG
K3HPA	LA9KY	NG4DX	DL9SAD	VE3EDY	W0XE
K3WGR	N1BKB	NN6K		VU2MSA	W4AO
				W0MF	

W5CWQ	LX2SM	J15WDC	NR2D	N3HYB	N2ZL
W6PG	N6DVR	K1EDG	PP2FN	N8KUS	N4KEB
WA4TMJ	N8AYY	K1LTJ	VE3QAA	VR2CC	OE6CLD
WA7HR	N9RE	K3CWF	VR2ZXP	WA7ZXD	RW6MBC
WM4AA	OH3TY	KB3IFH	VU3RGB	WA8RCK	SM1NJC
WR2G	PY2ADR	KK4ODQ	W1RG	WB5TOI	VR2IL
	VE3FAC	KU2A	W4DWS	ZS2I	VY2RU
124	VE3VHH	N3ER	W5RYA		W3IZ
AA5H	W2WGK	N5ZY	W6GJB	117	WA4VJK
DJ3EJ	W4UT	NA2R	WT5L	AD7L	
EC4KW	WB8TGY	NY4G	YB0AZ	CE3FZ	115
EI8IQ	WU7X	OZ6EI	ZS6NK	F8EZE	AA9WO
G4RGK	WX3P	TA1L		IS0BZR	AF7WM
IT9YOZ	YB9WZJ	UA0FDX	119	IZ7QFN	E74A
IZ1UKF		W2ARP	DL2VWR	JA9KA	HL4RBR
IZ5BYJ	122	W3/NH7C	F5BAR	JM3GXU	IW2FLB
JH1XFR	AA0BH	W3JXP	HL2MHU	JR1KBJ	JA0NPQ
JM1LPN	AA5B	W4CC	JA6JYM	K0FF	JA1UBZ
K3SUI	AB5YI	W4KCM	K4RM	K4AEH	JH8LEY
K6VVK	DB4RG	W5UQ	K7LOL	K9LCR	JJ2VLY
K7HC	G0HSA	W7PC	K8EB	KB2S	JM1JZN
KB8DID	HC1HN	W9MB	LU9DO	KB5CSQ	K8CR
KC3RKW	JA9ALR	WA7HQD	N1GNB	KO4PY	KB4CRT
KC4AA	K0HQW	WB7BBQ	N8LCU	KP4ED	KB7V
KD9ZR	K0MD	WQ8T	SV1BYI	KZ1X	KG4URP
N0YO	K3DQB	WT3Q	SV2KF	N8AGU	MM1PTT
N1HO	K4VAC	WU9D	W1ZK	VE7NY	N0TR
N4LSJ	KB4ET		W2FDM	W3LWH	N7PIB
NT4K	KN9N	120	W5IO	W3MRL	NA4MM
W0DD	N1ZZ	AA2T	W6ZPL	W4ARK	NE1RD
W6ELI	N6VH	AC4TO	W8EOG	W4PG	NG0G
W6ND	N9ATD	AE5LK	ZL2AO	WB9WHQ	NI4Y
W8PAT	NZ6N	AI2S		YO6HOY	NW6V
WW5L	SV7CUD	CT7ABD	118		OE5MPL
ZL3REX	UT9LC	CU2CE	6K5AQY	116	W4OV
	W1ES	DS3DNT	AC9GK	6K2ILX	W5WS
123	W1HEO	DS5QLJ	AE1T	AA0FT	W7FI
AB9BH	W1KKG	F5AQB	AI5EG	EA5GXI	WB4MM
AE5FM	W4BH	IK8IPL	DJ9KM	EI4BZ	WS4H
DJ6OZ	W5HNC	IT9JPS	IZ0RPS	G8GHD	
DS4DBF	W6HB	JA0JPD	IZ1JIZ	IZ2CSX	114
G6NHU	WA5YOM	JA1DCO	JA6CMQ	J11DMH	F6FHZ
IK0XKP	WA9DU	JH5OTE	JH3LCU	JT1CO	G3CWW
IZ8LMA	XE2MX	JJ1XVA	K9KJS	K4LCP	HC1HC
JA0PZJ		K9CHP	KA5JSM	K8JRK	I0BJV
JA1GLE	121	KD5R	KB3KJ	K8MN	JA1CPU
JA2HOL	AB4BJ	KG4OJT	KC2THY	K9GWH	JA8EIA
JH1RVQ	DD0VE	KJ6Y	KD3UY	KB8ZUN	JG40OU
K0PX	HA2EQD	LU3XX	KD9BIE	KC1RET	JL3RNZ
K2JGL	IK6BMU	N1TQP	KG5VK	KD5RBU	JM3XZC
KI0HA	JA1CPN	N3DV	KV8P	N0UCR	K3PL
KM4CQG	JA1EYN	N3GS	KX6C	N1GFV	KB1W
KO8SCA	JA1WTO	N4UFP	LZ1XZ	N2TC	KD2NF

KI8AE	112	N1BZ	109	JE2DOD	N9AZZ
N3DD	3C3CA	NT5O	AA4RX	JH1OVY	NC6RJ
NA1DX	7Z1CQ	PT7CB	AB1NS	K3XO	NI8Z
NG8T	G0DTX	TA1UT	AC8TO	K4GHS	OV2B
NK5K	G3YFE	TA2RC	AF3K	K8LBT	PP5VA
W0QKL	GM0SCA	W4IDX	DL9QJ	KC8YG	RM6LW
W2ZK	IK4EWN	W5GCX	F8DHE	KE3ZT	SV3EXP
W8LR	IS0BQE	W7WT	G0MMI	KE7AUB	TA1CQ
WD0AJG	JA4RED	WB1S	JA5GOJ	KI4SFT	UX5XK
WN0L	JF3AHI	WB8PKK	JA9IWR	KJ4SKO	V31MD
XE1EE	JH0LME	WU4B	JH4GNE	KN4WOJ	W1USN
YB2BNN	K0XM		JI1ZS	KO4XI	W5HY
ZS4JAN	K4HEB	110	K0FD	KW1X	W8JA
	K4ZMV	AC0B	K5NV	LU2AH	WB2BXO
113	K7RAN	AF8C	K6JAD	N2IFA	WB2MKX
AK0A	K8CJY	AG5Z	KB7DT	N5FPW	WL7OU
DL2DCX	K9KDS	AJ6V	M0AQM	N5TW	WM4W
EA5DPL	KH6P	CT7ANG	M0MCMV	TF3MH	WU1U
F5EOT	KK7BR	DK4MX	N4LS	VE7VV	ZP6CW
F8GB	KS0JD	EA1BLA	N4WD	W0LGQ	
G0UII	KY6AA	EI9HX	N6RVI	W4DVG	106
G4NAQ	N8AID	G4VWI	NN8L	W6CN	AB6WQ
G4YCS	NQ4A	HG6IA	NW6R	WB5ZAM	AC7DX
HB9GZE	S51DV	IZ1EPM	NX1P	WC4B	AC8IL
IU8GNY	W1HQ	JF3KOA	NZ3M		DS2GOO
IZ0CKJ	W3WN	JH1FRW	PF7M	107	EA3AGY
JA2CPD	W4AFB	JR2PAU	PV8DX	AB7RW	EW4DX
JA4CSJ	W4LLP	JR4DHK	SP7ASZ	BG8PA	G0OJG
JA5SEY	W9LU	K3MSB	T88UW	DJ5FZ	G0RPM
JF1AZQ	WB2UFF	K4KAL	W3ATV	DK2GP	G3LPS
JH1GNU	WD8LTM	K4RP	W3GP	E73D	HI7SB
K1JKR	WF4W	K5GZR	W4JDS	EA2BFM	JA3AOP
K2KNB	WJ1B	K6DJ	W5SG	EI5GSB	JA3FRI
K4JDJ	WN1M	K6SLO	W7CB	G4NBS	JF7NNI
K4JLD	ZL3PAH	K9TVG	WT9U	IC8XIL	JG1XBM
K4TR		KF8PD	WW5RC	JE1CTA	JJ1IRS
K5WRE	111	KV3W		K1FUG	JO4JDU
K9DUR	AK4N	N3YZ	108	K2FJ	K5TU
KB2TGU	EI2FG	N4NYY	7M4CLF	K2ZD	K6VWE
KC0V	EI9CN	NZ7Q	AC8MR	K3GO	KA9TOX
KG2U	F8DZY	TF8GX	AC9DX	K4LQ	KI4NSP
LU3JVO	G4ZWY	W1ZZ	DB9CR	K6DLB	KM8V
NA9L	IZ0FYW	W5JE	DL1TPY	K9MQ	KR4U
NS4X	JA4DLF	W6TCP	DL2AMD	KA4LBD	KT5V
S52R	JA5EEU	W7YED	DL2NAI	KB0EL	M0PCB
SV2DSJ	JE1TNL	W8PE	DM5TI	KF2G	N4DJT
VA3AYA	K1RE	W8TE	DU1IVT	KJ4FZ	N5JED
VK7ZE	K2KYH	W9GFB	E70X	KS8W	N6UOZ
W1FC	K8ZEE	YB1SKR	EA5XV	LU5OM	N7MW
W3JM	K9JIG	YO5QAW	G5CL	N0MHL	N9ZJ
W6BBS	KC2NJ	ZS5LEE	G6MXL	N1UZ	NG4C
W7CD	KM5VI		IK1RKN	N2SO	NI7F
	N0ATQ		JA2DCN	N7TP	NS7K

PT2DF	TA7AZC	W9GXR	EI4GNB	F4FLF	W7UV
PY2OC	VU2DED	WB7QXU	G4FVZ	G3VDB	WB5KSD
UA0ABB	W1PY	WX0B	HB9MZI	G4GEE	WD4IXD
VE3BHZ	WB8LEM	YB1BUL	IC8SQS	HB9PUE	WM5H
VE3XK	WD4OHD	YO6HSU	IZ7QSS	IK2HLM	WU6K
VU2MB	WK3A	ZS6HON	JH1IHG	JA1KZP	WX7B
W0TLX	WZ9B		K1AJ	JA2KPW	YB8HZ
W4/KL7GLL	YU1LD	103	K1MDA	JA5ALE	YO2OXD
W6KF	YV4EH	AF8P	K2CJ	JA5JUG	
W7GB		DS5JMG	K2DH	JK3NSD	100
WA3IIA	104	EA2RY	K2DW	K0GEO	2E0XAR
WA8Y	7N4OBV	EI9GLB	K4HR	K3AXB	9M8DEN
WS7I	AA2WC	FM4LV	KB1AWM	K3LA	A41ZZ
ZL3RIK	AA6XV	JA3MAT	N2CJN	K5HX	A71EM
	CT3DZ	JF1KIG	N2FY	K7GA	AA7UN
105	EA4EJP	J11FXS	N4IR	K8PGJ	AC0DH
AA2F	EI3HA	JP1KHY	N8KOJ	K9GL	AD4J
AI1W	F6ARS	K0OOK	NA4D	KB5YN	AE4VJ
AP2IA	FM5FJ	K2RNY	NN5O	KC3OPI	AJ6X
DL9GTK	G0DRM	K3PIN	R9GM	KC4ZA	AK1P
E29TGW	GW0ANA	K3TXW	S51MA	KE9UA	AK4AO
F5VIF	HA5DI	K4NI	SM0XG	KJ5RC	DB6VH
G3LOJ	HB9BMY	K4PWS	US8ZAL	KK6VGE	DC1TK
HB9TJG	JA0NZR	K4SAW	VK2GR	KU4A	DK1MCS
HL4GHT	JA1CC	K5DXR	VK7AP	LA2XNA	DK7GH
JA1JYS	JA1DHY	K6XJ	W1GF	LA3ANA	DL3ANK
JA1SZN	JA1RBY	K7BWC	W4GHW	M0PTZ	DL5JH
JA2KGQ	JH1MYJ	K9WMS	W5TMC	M5LRO	DS4GQR
JE6UWU	J14HKA	KA7CVJ	W7HJ	N3CAL	EA4TX
JJ2BLV	JQ2MPJ	KP4DDY	W7IMU	N4PF	EA5PS
JK1AKA	K0BRO	KQ6K	W9GWP	N9MR	EI4DQ
K0MB	K1TWF	M0UPL	WB4PWZ	NC8I	EI4GJB
K1EO	K2CQW	NB3R	WB7QBS	NJ2X	EW4A
K1ETA	K4WW	NI5G	WD6T	NZ1I	F5JWH
K2GW	K5JUC	RX3BP	WD9IOK	OZ5JQ	F6JSZ
K5WE	K7UW	VE7XT	WN9A	PA3AIN	G0GFC
K6GCN	K8WVA	W4CU	XE1SAX	R2ARR	G4PUQ
K6ME	KE4YOG	W5IP	YB0EIN	RZ6MJ	G8GFF
K7CMZ	KJ2AM	W7JET	YB9AY	SV2BXA	G8GNI
K8FB	N1FOJ	W8EH	YO6BHN	SV4FFL	GW0KRL
KJ8N	N3PW	WA6URY	ZS2ACP	TF1A	HB9BEP
KK4MA	N4PAJ	WA8KNE		TG9AKH	IK7NXU
KR0P	N4ZR	WC9C	101	UA4PK	IZ4IRO
LA9JKA	N8TEM	YB1ALL	AA9D	VA2GA	JE7KCI
LZ1JZ	N8WXQ	ZL1IM	AB2NI	VK4BUI	JG3LDD
N1TQ	NA8W		AB4EJ	VU2OT	JG5VFK
N2YU	OM6CI	102	AB8YZ	W0ZX	JK1AIA
N9APK	OZ9U	4X1VF	C31MF	W2GHD	JK8VMB
N9IXD	PA0QRB	5W1SA	DD8BA	W2PD	JN1RFY
NC1M	PY2YW	AC0XY	DD9WG	W3RMS	JR4VEV
NK7L	RV4LC	AD7XG	DL3XAC	W3SW	K1HC
OH6IH	VK3MB	DB2WD	EA4UV	W4PM	K1IG
PV8RR	W0VU	DL4FDM	EA8TZ	W6OU	K1JX

K1PTF	NM4SH
K2UF	NX6D
K2UT	OM2AGN
K3NO	OR4K
K3QB	OZ9GA
K3RRR	PV8AJ
K4GM	PY5VC
K4KYN	R2AB
K4QS	UR8IDX
K5LLA	VA2EU
K5MMH	VE1JF
K5PSN	VE3KKB
K5VSD	VR2PX
K5YE	VU2OY
K7VL	W0PPA
K9EA	W0RMS
KA2F	W1HS
KA4H	W2MW
KA9JAC	W3KN
KB6IGK	W4CG
KD0KZE	W4DFU
KD1DT	W4YR
KE1IU	W5PD
KE8NOA	W5YKU
KF5MDZ	W6OZI
KF5TL	W9KM
KG4IYS	W9ZT
KI0G	WA2ALY
KI3O	WA2VJL
KI4PG	WA3UTC
KK6MF	WA3YZD
KL2R	WB0RXQ
KL7XO	WB2ZEX
KR4Q	WB6RAB
KZ4EX	WB6RJH
M0NGN	WD1M
N0JX	WD4GZW
N0KM	WI0E
N0OK	WM4D
N0VTZ	WM9Q
N1KI	WU1T
N3NVA	XE2AD
N4GOA	YB6LAY
N5CR	YE1AR
N5LJL	ZS6CR
N5LKE	
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	