

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 02 Dec 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC SP5EWY	K5UR KF2O N6AR NN4T	SM3NRY W1DIG W7UT	OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA IK1GPG JH4IFF N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JL1UXH JQ3DUE K1OA K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN K0IEA N2LT N6JV NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE W2LO			
	339 CT1EEB JA1UQP JA5EXW K5RK N4CH N8DX		333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY	335 AG9S I4AVG JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR		
342 JR2KDN K4DY				

LA5IIA	328	WP4U	EA3GP	KX4R
LZ2DF	AA5AU	325	GM3GAV	N5XZ
PY5HOT	DK5WL	EU7A	JF1KKV	OE6MDF
SP3E	DL7MAE	HB9DHK	K6FG	OE8RT
VE3FF	IZ5EKV	I5NPH	KF0QR	SM6DHU
W5OZI	JA1SJV	IZ0AEG	LA7HJA	SV1FJA
W8UVZ	JH2FXK	JA2FJP	N5TY*	UT7UJ
YO5BRZ	JI2KXK	JF1PUW	N8RR	W4FC
YU1FW	K4QL	JF7XKY	NY0V	W8GC
330	RU3FM	JH8RZJ	OH2BLD	320
AA1ON	SL0ZG	JL1RUC	SM6DHF	AA8CH
DJ2YA	SP9DWT	JR3GWZ	SP7VC	DM5EE
DL1AMQ	W1ECT	JS2LHI	UA3AB	G0BLB
EA7TV	W2IRT	K9EU	UT9FJ	I2EOW
EI7BA	W5FKX	K9IR	W7AO	JA1ANR
HB9AMO	327	K9YY	322	JA3PIS
I4MKN	AB4IQ	R5AJ	CT1BH	JO7WXN
IK4BHO	CT1APE	SM4EMO	CT4NH	K1LD
IK6DLK	CT1IUA	SM6CCO	EA2IA	K4EM
JA1ADN	DL2OE	SM6CMU	F5PAC	KQ8M
JA3EMU	EA1YO	SP1S	IK4GME	NE1B
JH1GZE	EA5BM	W1RM	IK8YTA	UY5ZZ
JI4POR	I4EWH	W3LL	JA4FKX	VE3EXY
K3WC	JA5WIZ	W6RLL	JJ2LPV	W3KX
K4CN	JE2LUN	W9OP	K2UO	W5WT
K4ZYU	JF1WPB	324	K7NN	W6XA
K9CT	JH0INP	DK9KX	KU0A	YV1DIG
N4JF	JI8DGO	DL5DSM	N4DW	319
N8JV	K0DEQ	FK8CP	N4NX	DJ4AX
N9IW	KW9A	G0DQS	N4PQX	DK1FW
NR1R	N2BJ	G4CCZ	OE1WEU	EA8AKN
OK1MP*	OE2LCM	I0WDX	OH1LEU	HB0CC
RA3CQ	PY2YP	IK5PWQ	ON4CD	IK4DRR
SP7GAQ	RZ3AM	JA2BDR	PA3EWP	JA9TWN
W3NO	SM2GCQ	JA2DPC	R7DX	JI1DHY
W4UM	SM5CZQ	JJ3PRT	SM5KNV	JR7VHZ
329	SP6M	JR2LJO	UA4CC	K6AM
GM3POI	SV1RK	JR3OEH	VE1DX	N4DB
IT9DAA	YO9HP	K5KC	VE3LYC	N4QS
IV3JVJ	326	K5MC	W5CIA	ON4AOI
JA2JW	EA5BY	KA9CFD	W5TCX	UA3AP
JA7KY	JA9APS	KV7K	WI8A	YO3APJ
JA7MSQ	JE1SYN	N1NK	321	318
JH1TWT	JF3KON	N4II	AA4V*	A45XR
K0EU	K5EK	N8BM*	G3TXF	AA4HP
K1HTV	K8PT	OE8HIK	HB9BIN	DL6KR
N5AW	LU2NI	R3OK	IK2YCW	G4PWA
NI0G	N3NT	RV3LO	JA0GJJ	JA2JNA
NO8D	N7RT	VE2TZT	JA1XEC	JA4EPE
OZ1CTK	NK1K	W8OI	JA3AZD	JH4JNG
R4GM	ON4IQ	W9OL	JH1IFS	K2TE
SP6CIK	OZ1AXG	WB4TDH	JH3CUL	K4IQJ
SP8NR	SP5DIR	323	JH3VNC	K5BG
W5XX	SV8CS	AD1C	JH4ADV	K5DU
WA1JMP	W8DCH		K2VV	

LA2PA	AB6QM	JH1NYM	LA9AJA	W6ENZ
PY5EW	G3VKW	JR1BAS	NS6C	W9MU
R3VA	HA1RB	JR1BLX	RA0FF	WA8WV
RA7A	IZ1LBG	JS3CTQ	RL9F	WE9R
RW3RN	JA6VQA	K0KX	SM2OAN	
SP1MGM	JA8RJE	K4SO	SP6HEQ	307
SP3CGK	JA9CWJ	K5XI	W0YG	A65BR
YB5QZ	JN3SAC	K6KLY	W4BP	DK2JX
	JR2BJE	K8FL	ZS1LS	F2JD
317	K8NVR	K9US		I5HOR
AB3CV	N5OK	KG4W	309	IK0XBX
AB9V	NN4R	LA7JO	JA1EOD	JA2XW
DJ5FI	OE3EVA	LB8DC	JG4AKL	JA3GN
DK2NG	ON4IZ	N2NL	K1AR	JA6WJL
DL5WW	PY2NQ	N4TL	K2UU	JJ3HGJ
HB9HFN	SM3VAC	N8KOL	K8QM	K2SHZ
JA2IVK	SV2DGH	ZS6EZ	K9ZO	K9RX
K2RW	W9RN		NN4SS	LU8EKC
K6YUI	WB0TEV	312	NU8Z	NI6T
K9MM		AA5AM	R9TO	OE5RLM
KE9L	314	F3SG	RU3DX	W7DO
UX1UA	CT1DKS	JA0CRI	RX3AGD	W7OM
W6VX	EA1N	JA1SYY	UA4LY	W9JA
WA7NB	EA6VQ	JA1VSL	W2JU	WA5VGI
WD0DAN	G3NDC	JH1QAX	YB1UUN	ZS2DL
WX4G	IZ8FFA	JN1BMX		
	JA2AH	JR6FC	308	306
316	JA2ZL	K1HT	DL2CHN	9K2OD
AC4G	JH1AGU	K3RA	F4BKV	DL1KUR
DF2UU	JR4OZR	N1IBM	HB9TKS	DL5EBE
DL6CNG	JR9LKE	N5ORT	HK4SAN	HB9DDZ
G0OIL	K2LS	RU3QR	IK4ADE	I1EIS
HK3W	K5AQ	SV1CNS	IU7QBB	IK4PLW
IK2QPR	KB0EO	UT2UB	JA1IZZ	JA2VQF
IW1ARB	LA7AFA	W7CT	JA2WYN	JE2LPC
JA1XCZ	MD0CCE	W8HW	JA7IC	JR2UBS
JA5XAE	OE1AZS	WD9DZV	JA9GPG	K5WAF
JA8EAT	OE1ZL		JE2EHP	KD3CQ
K1BD	SM4DDE	311	JH1SJN	R8TX
K3WA	SV1DPI	CT1FMX	JK1GOK	R9FM
K4HB	SV1JG	IK0PEA	K0GY	SP5IWA
K8YTO	UA6MF	JA2XYO	K0KVR	UN7JX
KG8P	UX0FF	JA4MRL	K8OM	US5WE
N5DG	WB8BPU	KM4H	K9MK	W5AJ
SP1JRF		OE3SGU	KI0KB	W5XC
UA3DPM	313	OZ4O	KN5O	ZL3JT
W1GL	5B4MF	PY2XU	KS1J	
W7MO	CT1GFK	UR0MC	N8TR	305
W9ILY	I3BUI	WB9CIF	NQ1K	AJ6T
WA2VYA	IZ2AMW		R7NW	CU2AP
YO7LCB	IZ8FWN	310	SP9JZU	DJ4XA
YS1RR	JA1GRM	HB9SLO	UR5EDX	G5LP
YU3AA	JA5IU	JF8QNF	VA5DX	JA1IOA
	JA7JWF	JG3FEA	VU2NKS	JA1WSK
315	JA7QVI	K6RO	W1YM	JA2NDQ
9H1SP	JF2UPM	K8AC	W2QO	JA7BWT
AA5AT	JG3LGD	KC7V	W5ADD	JE6TSP

JH7RXU	R5DT	N9FN	YO2RR	JH0BQX
K0JUH	RK4FD	NA5C		K4JAF
K3XA	W4QN	UA9FAR	295	KD0PO
K9NW	W5VY	VE3BW	DL1DUO	N2LM
N9AU*	WD4LBR	WA3AFS	EC3A	N7IR
PA5TT		XE2CQ	IW0SAF	PY2IQ
RA9CMO	301		JA1BPA	S55DX
SM3NXS	AC0A	298	JA1FQI	WA4FFW
	AE5E	5B4AHJ	JE2DZC	
304	HB9BOI	DL7BA	JH4ALY	292
DJ9ON	HP2AT	JA4ITW	JM1FHL	DL5CW
DK5AD	JA0DIN	JA5BEN	JN1RQV	E72A
HB9CEX	JA1LSP	JA7MYQ	K0BBC	EA5AT
JA9FAI	JA1SVP	JL2JVX	K1GG	G8DX
JE1DXC	JE1LFX	JR7WFC	K4XD	HB9BAT
K7WP	JG8FWH	K2PK	K5VIP	HL3GOB
K8GI	K4SE	K8EUR	K5ZK	IZ0RVI
N7US	LA5LJA	N4RWG	N7TY	IZ3ETU
N9RS	MM0EAX	ND0N	RM0F	IZ8VYU
UY5AA	RN3QN	PY2VA	SM5FUG	JA3ENN
	UN6T	ZL1BYZ	SP8HKT	K5DHY
	WB5JID		SV1GYG	K7ZD
303		297	W5LT	N8II
E72U	300	E73Y	W6XK	R6AF
EA3GHZ	CT1FCX	JA3RQ	W7AL	W4VIC
G3LZQ	DL1TRK	JE7JDL		W6SR
HB9DDO	DL4CF	JG0CQK	294	
HL3IUA	EA1AF	K3FRK	AI9L	291
HL4CJG	EI2GLB	K6ND	AJ9C	4Z4DX
IK2RPE	HB9CQK	K8WK	EA6NB	EA6ET
JK1EXO	IW0HQE	KG7H	HA5VZ	G0EHO
K6SIK	IZ5RVG	KT1J	HA9PP	HB9RYZ
K7ZA	JA2ATE	W2GG	IK0HFO	JJ1TKN
KB1JZU	JA9AA	W6YI	IT9CVO	K4ZO
LA3WAA	K8GG	W7ZJ	JA1XPQ	KP2A
OE5BWN	K8TL		JA5SUD	LA5HE
OH8LXT	K8VFX	296	JE1GWO	N2TN
RL3FA	PA3CSR	AA4R	JH1BAM	N7RO
RW4NN	VU2PTT	AA8OY	JR1DUP	PY2KP
SM6CUK	W3OA	AD6W	K7ZV	VE3CFK
SP2BMX	W3RJW	CT1DOF	KD0Q	W7BEM
SP3IBS	W6TC	EV1R	KZ4V	W8TN
SP7HOV	W9AJ	GM0AXY	N0KV	ZL4TT
SP7ITB	WA9PIE	IV3YYK	RU6L	
SV2AEL		JK1TCV	SV3DCX	290
W0VX	299	K0KT	W3JX	AA4A
W1SKU	4X6ZK	K0TPP	W9FR	DS1JFY
WT8C	DM2DXA	K3PA	YO2CMI	I4KDJ
	EW2A	K6FW		JA1KQX
302	HB9RG	K8VC	293	JA1QXC
DJ5JH	IK5RUN	LA8PT	DL1HRN	JF1NZW
F5CQ	IZ4MJP	LU4FPZ	DL1SMA	JH3GCN
G3SVD	JA1JAT	N0RB	EA3WD	K1DG
HL2IFR	JA7LGE	RA3QK	G4GIR	LA2QM
JE8CLT	JJ1DWT	SM6BZV	IW1QN	LU3CQ
K4MS	K9SM	SV9COL	JA2CXF	PP1CZ
ON6AA	KB8VAO	UA6YW	JA3EOP	RD3AW
PY7DJ				

S57AT	WA6F	JH3SIF	JH1HHC	K2AJY
SK3PY		OE2GEN	JN7DOS	K8UT
SV3AQR	286	OH4UI	JR6LLN	N9RD
UN7LZ	AB5A	SM0CCM	JR7FRW	ON4CAS
UN7TW	CT3HF	SM6CTQ	K0TT	SV1FJP
W1EQ	DL2VPO	W2AY	K4WNW	UW2ZM
W2LK	IK0AGU	W4FQT	N2JJ	W1KSZ
WB9EEE	IZ8XQC	W5ODD	PY2DS	W1YRC
	JA2FGL	W8BBQ	SM0NJO	W2PP
289	JE3ENP		SM5CZK	W3BW
DL9TJ	JH1BNC	283	UT7UV	W8RLS
JA8EJO	K1LPS	DF2GH	VK3HJ	
JA9FPI	K1RO	JA1RTX	W8LGJ	276
JA9IFF	K5PS	JL1XMN	ZS4TX	DK3WW
JG1WSC	N8SNM	K3WW		HB9LCW
JH4GJR	UR5WA	LA0FA	279	IZ5BAM
K3UL	VE1JBC	N6TA	AA6AA	JA7FWR
KK0M	W3GQ	OE8SPW	HK1MW	JA7LMZ
LA3MHA	W6PJ	OH1JP	HL4GAV	LA9VFA
R0FA	W8AXI	OH1ZK	JA2XCR	N5MOA
RA1QD	W9MJ	ON5UE	JA8DNV	ND4X
VE3EK	WN6W	W1LW	JE8TGI	NK0S
W9YSX		W6BJH	JF2XGF	OZ1LCG
WT4Q	285		JH7BKN	RX4HZ
	CU2DX	282	JK1UNZ	SM5CLE
288	DL2SWN	K1DT	JO4CFV	UN3G
CT3MD	EA3GHQ	K5UO	KF2DT	W1ZT
JA2JRG	EA5KA	K8ROX	KQ4AV	W2OIB
LZ2JE	HL2WA	PC3T	VE3DZ	W5GO
N4LR	IK8VRH	SM4CTI	W4UCK	
N5LZ	IZ8DFO	UA0BA	WB2BIN	275
N6UK	JA0PE	W4OX	WO7R	AB4SF
UA3AGW	JA2IYJ	WA3C	WS5W	JE1BMJ
W1YIF	JA2VMU	XE1KK		JG1OGM
W2LE	JR8AMF		278	JI3CJP
W2NO	K1USA	281	9A4T	K1CA
W3FOX	K6GXO	AD5Q	CT1FPQ	N6PSE
W8AV	K6PJ	BA4RF	EA8RR	N7KA
ZS1A	KJ6P	EA5OX	EI9JF	OE3HWC
ZS2EZ	LA8HGA	F3AT	F2NH	PA7RA
	N8LJ	I1FQH	JA8LRG	WA0MHJ
287	OE1WHC	IZ8FDH	K2UR	WA0RVK
9M6YBG	PE1L	JH4HMG	N4HB	
AA8LL	W1OPD	K0GD	N9ISN	274
AA8R	W9HBH	N2WB	SM4AZQ	7M4AOE
IV3GOW	WK7E	N5GH	VE3CRG	EI6FR
JA9NLE		OZ1IKY	W4MAY	EW1KP
JE2OVG	284	SM5ENX	W8MHW	IW0HOU
JF2WGN	7K1PTT	W0LS	WF2S	JA8ZO
K0AZ	DL6JZ	W8HC		JH1IAQ
K5RT	EI9FBB	W8KEN	277	JM1GHT
N3VA	GM3PPE		EU1KY	K3PT
N8PW	GM3YOR	280	F5PBM	K6UM
R9SA	IZ3ENH	CT1EAV	F5UJK	K8DV
SM5ARL	JA0DET	JA3XNH	IZ4DPV	KA8SYV
W1VT	JA8CJY	JA5FDJ	JA8EOT	KA8ZPE
W4YCH	JG3SKK	JA6TMU	JH3KAI	KS3F

NA5DX	JM1HJG	267	JR4LNG	IS0AFM
RA5BM	K2SN	DL4DW	K8RRT	IZ8IEV
SV9AHZ	K3PU	HB9MFM	N1EN	JA3FHL
UA3ECJ	LA9GX	IV3VBM	N1GC	JH2PWY
W3ACO	N4UOZ	JA2QXP	PA7TWO	K2FW
W7MEM	NN4X	JA6QHJ	SV1CQN	K7LJ
	UA3TT	JA7BEW	VE6AX	KM1D
273	W1MK	JA8UIV	W5PF	LA5SJA
CT1BWU	XE1MEX	K5VWW	W6TMD	N9UA
DH2PC		K7XB	WV4TN	OM8FR
JA1KPH	270	K9FN		SM7CQY
JA2TBS	AA4FL	SM5BMB	263	WA5LFD
JA6BEE	BA4MY	W6DR	DK4TP	ZS6WB
JA6GPR	DK8MCT	W6RS	EA3CJ	
JM2RUV	EA1KY		EA4DL	260
K4RG	F9XL	266	HA7UW	AA9A
KA1ERL	IW7DVM	EI8IU	JA7XBG	EA8MT
KI5BLU	K0BJ	IK0UTM	K1KO	EA9IE
LB2TB	K7UA	JA3BXF	K4KAY	EC1AIJ
N4IG	K9JF	K8AJS	K8FH	F6HLC
N4JQQ	N6RV	NU1B	KN6KI	FG5FR
N4QQ	PU2POP	PZ5RA	N1RR	JA0KJE
OZ1ACB	SM7IUN	RA4CA	N7BT	JA2FBC
OZ4VW	VE6LB	SV1HEP	NA5Q	JA3VPA
RW7M		VE3YF	NF1G	JA3WLN
W4HG	269	W0FLS	W0GG	JH3FUK
W8QZA/QRP	HB9IQB	W7Yaq	W2XI	JH4ADK
	IK7FPV	W8MET	WA4LOX	JJ2WOC
272	IK8EPC	WB2GAI	ZS6NJ	K1ESE
AF9H	JA1OVF	WB3LHD		K8YSE
DS5ACV	JA1VLK		262	LY1G
I5OYY	JA4VLK	265	CU3EJ	N1SV
IK5PWN	JH3FHQ	4F2KWT	I5REA	N6MZ
JF1LMB	JP1NWZ	G3WPH	JA8BAR	NT5V
JH1OBS	K2KA	JA1VRU	JK1VXE	SK7AX
K1UU	K6EME	JA4FM	K8AV	SP6A
K6IPM	KR0P	JE2RDO	LA6UL	TG9NX
K7EG	NW7E	JH1ACA	LA9FFA	WS9V
K8BL	OM4EX	JR1WCT	N3RC	WV8DX
K9MBQ	SM5FWW	K0DD	N8OC	
KB1EFS	YB1AR	K2CBI	NK4L	259
KI4GE		N5KM	NX0I	CT3KN
N2DPF	268	N9JV	W5ZG	DJ8NT
NV9L	DL9FCY	SP6JIU	W6NWS	EW1BA
OE5FIN	HB9BUN	VE3SKX	W7LGG	HL3DE
PA0ZH	JA1IAZ	W5DM	W7QDM	JA8BNP
SV1ACK	JA1NWD		W9PZT	K2UFM
W2OO	K6BV	264	WA3GFM	NI3P
W3AP	KD4W	4Z1UF	WB8ART	PY5CC
WA1S	N2AJ	EA1KP	WQ6Q	SV1FKZ
WL7E	N5JB	F6DBX	YB2DX	VK4CAG
	SM6BGG	HB9DHG		W1KDA
271	W0JM	IK4AUJ	261	W7AH
4X1RU	W2FV	IZ0NRG	7K1CPT	
IK2DZN	W9OO	JA7HRM	DK3PZ	258
IZ8EJB	WA1YTW	JF2WXS	EA3EQT	CU3EQ
JH1OCC		JR3UIC	G3UAS	DK7YY

HI8R HL3AMO JA9AGN KH2L SA0AQT US0YA W1SSN W5JAY W9EWZ ZL2IFB	KR4F N1RK N5BO VR2XMT VU2CPL W2/CT1GIF	W2GW W2ZI W7CA WA4CEM WA4JQS WV6E	JH8GEU JJ1QUV K9NR KF7F N0RN N3KN OZ5NJ SM4OLL UN3GX VE3YV W0RX W6JZ W8IQ W9RC WB8K XE2D XE2X	JK1WSH JR7GBL KB6CIO W1KMA W3ICM W5ZO
257 AF4HX DJ0UT EA1JO EA7SG EB3CW HA5PT IK2PZC JA6OXT JE1PNX K1SM N1API N6HC PY2MC RU1AB SV1VS W3FI W8MJ	254 BA7IO CT1BWW HB9EFK IZ5YHD JH1VUO JH2VVH K0GW K3SEW K1IU LA5YJ NE8P UA3O W7HPW WB4KTF	251 9A4W DL2RTL JA1DDZ JA1EMQ JA1SKE JA5BGA JE1VTZ JH1DGJ K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B SM5FQQ W2JLK W2TB W3ABT W4SK W5GAI W8OP	248 AK5X DS5DNO EA4DEI EI2HY G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG K3EA KF9UG N4QWZ N4XP N6KZ SV1IW W8IW	245 AC9EM AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP K5IB KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL
256 BH4QYX DH0GSU EC1A FG8OJ GU0SUP IK4HPU JF2VAX JH1RGG JJ1BMB K4JJW K6EID M0TTB VK3NX W6DE W8JRK WB7B WV9L	253 AC9O FG4NO JA6IVR JA8XQI JE1HRC K6MKF KE1F KM6HB N7XR NH6T/W4 UA0FO W6RW W8GNM WF4U YB0COU	250 6K5YIA EA1RT HA7TM HB9EBM JH3GFA JH6PFY JL1MWI JR0EQQ JR5JAQ K1KA K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN W7IU YL2KF	247 AA7G CT1FUH K1PL K3VAT KH6M N7DED NA9RB OZ7FOC PY5IP S51NM W7IB W8CZN W9JJB	244 G4FKA IK8UHA JA1CZI JI6IHG JN1NBU K0KG K1YR KK1W W0QQ W4REX W5PJR W9FI WA2USA WA3F WA8MCD WC3W
255 AI6Z EA5RD F6ECI HC1BI IV3TMM JK1OPL K1FEV	252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JF3PNQ JF6XQJ JH4CBM JL1BYZ JR1VAY K1EFI K5FZ KB9DAK N6PM OH7TV	249 AF5CC HL2CFY IZ8GGF JA8FFM JH1APK	246 GW4TSG HL2EIZ I0JBL IV3KFB	243 DS5TOS G4XRV JA2EPW JS6TWW K8ME W1BR W4PNY WX2U
				242 EI9FVB HB9DVO JA4ZA JE0ART JH1ERJ

JH1WJR	IZ1JMN	K1ACL	233	K2SY
JR1MLU	IZ2FOS	KM3J	AA9GR	K5CD
K3NQ	JA6CBG	KS4S	AA9RR	KC9K
K3WWT	JA7KE	N4GN	AJ4A	N4TOL
K4PB	JA9NFO	N6IE	DS3HWS	NY1V
K7FEL	JE2UFF	OE2BZL	EA5AR	W2KA
KJ7M	K2XF	PA0TCA	JA3NHL	W8WVM
LU6ETB	K8YYY	W0HBH	JH1SOD	W9YE
N2NS	N8SHZ	W2YR	K8BN	WB2NPY
N6HY	WA6JA	W4GIW	K8EAB	
NF4A	238	WA1PMA	KK9H	229
PA3BWD	IK2GAJ	WY6N	N9BX	AA3LX
RC2A	JA0LXP	YB2TX	NE3F	AE0P
VK3BDX	JF0JYR	235	SM0XBI	DL8SDC
241	K9GA	EA5B	W2NRA	JA2VHO
AB5C	K9OR	EA7QW	W6YOO	JA7QQQ
E21EIC	KA4RRU	EU1U	WB2KSK	K0HD
G8AJM	M0CSD	JA0KJD	WD8PKF	K3FM
JA6AVT	N4PJ	JE1IBI	WE4S	K4CMS
JH1UBK	N5ZC	K0EOO	232	KD1F
JP1IOF	SV8DOU	K0VSH	EW4C	KI4DLS
K1XV	VU2CDP	K4YJ	G3XLF	N4NW
K7KB	VU2DCC	K5CWR	HL2ZN	N9JR
KV1E	W3MR	K8ZM	JH0OXS	NE6I
N4OA	W4KA	N2FF	JH6DUL	UR5FEO
N9SF	W5LO	N4IQ	JR3VMJ	W1WC
W5DNT	WA4QMQ	NA5Z	K4ST	YB1TJ
W5QM	WB0TVY	NJ7G	K5FNQ	228
W8FIB	ZL4AS	NW4M	KB1DMX	7J1ADJ
WB8CQV	237	TA1CM	N3PS	AA0MZ
240	CT1BOY	W2DXE	N9PGG	F1RAF
G7SSE	G0VXE	W7YW	NY2NY	F5LIW
IW3GJF	HB9CXZ	234	RQ3A	G3SBP
JA1DM*	JH1DGQ	DF7EE	W6CYX	JA1OVD
JA2FSM	JR0QFA	DK2CC	W9ZCL	JE2KSM
JF2OZH	K1RV	HB9BYQ	231	JF1RYU
K4QE	K2NV	HS1NGR	AD5WB	JF1WLK
K9JU	LB5WB	IK0LNN	DK6OR	K4KGG
KE8UM	SM0MPV	JA2OLJ	IK1IYU	KE0A
KF0LA	UN9L	JE2EBT	JA1MZL	KE4UW
KZ5DX	W6AER	JH5HDA	JH0AWC	KE6V
N0ABA	W8UN	JK1BSM	K2RU	RA3QUA
N4HID	WA0ROI	JR4LZX	KD6UO	VR2CH
PY2GG	WB8B	K0VM	LZ2XF	227
SM3LGO	WB8ZRL	K4JC	N8HRZ	DF8FT
SP5LKJ	YO3JF	K4MF	NA4EA	DL2RUM
UX5UO	236	K6ZZ	SM7NDX	HB9HIT
W0SZ	HB9DQV	KE5FXE	W4UDH	I0MWI
W8WEJ	HB9ZS	KX2A	230	JA0DWY
W9LN	IK2DUW	ND4V	AH0U	JK1SQI
XE1RBV	JA1HOM	SV8CKM	G3LUW	K0IL
239	JA1JYE	W3WST	JA5NPV	K1GE
AG1A	JA3KNN	W9MO	JH7WQX	K2TER
DJ9RR	JN1NOP	WA5UA	JI1VVB	K5GH
				N1NU

N6OJ NA9Q W4DEE W5RF W5SL WA9GON WC2K	JO1LVZ K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN W8LMG WB7BBQ WN6K ZS2Y	K4MV K5DV K5ZQ KU4XO RU0SN W0BM WA0WWW WB0N	SM7WVZ TZ4AM W3BJ WA2NPD	214 3A2MW DJ3AS F4GVO HB9VAB JA7DPC K0QQ K2AZ LU4FW N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG
226 DM2RM I0OSI JH1IED JQ1YIW K2BA K2HAT K2SD KK0DX KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK W7HR W9DX WB0O	223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ IK0WRB IK2RZP IZ8MBW JR0AMD K0NV K6IPV K9TF KI6CG KV4AA KW4V N4ENE WC4H	220 AA6RR DL4LAM EA5DFV JP1GUW K1DJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR	217 IK0CHU IT9ODQ JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH KK2M KU4BP N6QI OZ0J W0TM YO3IPR	213 9A1AD AG3V DK3UA IV3FFI JA0LFV JA1FVS JE4RAL JG1JPE JG3RWX JR1EFG KD4SN N6PEQ N8GP NA2M* SM7GIB VK3FM W1LE
225 DK5RL DS4AOW EU1M JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0OK K1JIU K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W0FG W5GZ W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT KB5UNX KD2T KS4YT KU8X RA4P VE7BV W5THT W5UQ	219 AA8SW F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5JZ KG6I KI7AO KR2Q KR6C KX4TT N1KC N6DX W5GA W6GRV WA3I WW8W	216 AC4VM CX2CC DJ3XG I1YDT IT9AAI K7LV KK4OW KR4W LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L	212 G4ZOY JA1BWA JA3LDH JJ2KDZ JR2PZX K3SX N4FN SM5AOG VK5GR W5DAW WW2DX WY1G YL2TW
224 JA8NFV JH1OGT	221 EA2AAZ EA2AFV IZ1JLG JI1NJC K1NJ K4CGY	218 DL2NOM DL4NBE G4VMX I7PXV K5ALQ KE3D N4JT	215 9H1EJ AA7XT DS4GKF HB9IIO I5XFD IZ0BVU JT1BV KF4NEF KO6KD N8NN RN9N W0TT W1JGS W4IS W6SL WA6HBR ZL2AL	211 JJ1JMZ JJ1KZZ JO4JDU JR1JGA KT2C M0HIH

N1BY
VR2XLN
W6UC
W6WF
WA9BZW

210

AA4LR
CU3AN
JA7FAS
JH6RTO
KD8RQE
N8BK
ND3L
NU1O
PY2WC
S54A
W5WP
W7FP
W9IL
WK8A
YB0DJ

209

JE1PHH
K0LB
KB2FCV
KB4MRX
KO8SCA
N4TD
N9XX
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

7N3IJT
DL4FAP
HP2NG
JH0NOS
K0THN
K4WES
K5RJ
K9SG
KC2SST
KK8MM
N2ZA
N4SV
N6ZN
N7WS
NW6S
W1FA
W5FPT
WA6G

ZS1J

207

9K2BM
DG5LAC
JA7MAD
JE3EDJ
K6ZP
KE1VT
LA6OP
M0IKW
N9AKR
NN9X
NW7US
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
W1AW
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206

AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JA6ENL
JF1IRW
JH1FVE
K8NK
KK5OQ
KK9T
KW4CQ
N7NF
N8BJQ
NJ1H
W7IUO
WA3WZR
WI7P

205

AC9S
DL6UNF
GM0VRP
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL

K5VR
KT4AC
KW1DX
N2KI
OH3OJ
WA4MME
XE1J*

204

JA0CIU
JF1KML
JL1GYZ
JM1SZY
KB5HC
KM9E
N7ELL
VU2IBI
W4GP
W7IV
WB8BZK
XE1L

203

7L2QAD
DF3EC
F5NBX
IK2RGT
IZ0BTV
JA7JPZ
JH8NBJ
K0CS
K1VI
K4GO
K4JKB
K8YE
K9OW
KA1DJ
KL7TC
KM7R
N4TV
N6PAT
NN5E
W1DYJ
W3BNN
WA3FRP

202

BV1EK
DL8DWL
IK5BOH/2
JR1IZM
N8WD
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

GI4OWA
IZ0GYP
JA2MNB
K0MFI
K2CYS
N4PYI
OH2LHE
PP7LL
RT5A
W1OP
W6AEA

200

HB9AGO
HB9FBG
IZ5FSA
IZ8EKL
JA3EY
K1ZJA
K3NF
KC6JAM
KM4VI
N1IA
N4HN
PY3VB
VK6LC
ZS1DX

199

AA3TH
AC0X
AD4AA
DL5EBS
HI3T
JH0RVY
JI1WLL
JR7ILA
K4SX
K4VNY
KI4WCQ
MU0GSY
N2RR
NC2Y
ON6KE
PB9FN
V51YJ
W9RXJ
WB4YDL

198

AG7N
DJ0MCH
F4WDL
IV3BSF
JM1ESG
K7PT

KA1J
KZ1W
N3ND
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
EA5HM
IV3AVQ
K6TAR
K8SIA
KD1AB
W2CQ
W4DAO
W4HZ
WF8R
WQ5R
XE1H

196

AA4UC
CT3CD
DF2UA
G1VDP
HB9ESS
I7LGM
I8YAV
JA1XRA
N2GZ
N3QE
NA9A
SP3F
SP5MXZ
W3ML
W5AAJ
W6HYI
WB5NHL

195

CT1ELF
K3DFL
K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
SQ7FPH
VE3YXO

W3SB	IT9IPQ	SM4BZH	VA7ZT	IZ4AIB
194	JH1FNU	W4AEJ	W0QC	JA1SZN
A65BD	JK1AJX	W5SUM	W2WG	KY6R
EA1WH	JP1LRT	W6DPD	W6RKC	N1HO
EA5ZR	K1RI	YB4CHP	WV2I	N6VS
JK1DDG	K8QKY	188	184	N8AYY
K1LT	KF2OG	AE4M	AD6ZJ	NM1G
KP3AH	N4DWK	EA7AN	EA5RU	NV4A
KR8T	N7MQ	JA0GCI	IK0HBN	UA9AEU
NJ3K	NK7C	JH7NTW	JA7FVA	W6TK
SP6EIY	NO0B	JS6SCC	K3JM	180
VU2LBW	OV5O	K2AX	N5FEE	A61BK
W4DC	OZ7DN	K2DC	NW7M	AA4AK
W5UHQ	VK2HV	N2ZZ	SM2EJE	DK1NAL
W7PAQ	W5IP	N7VPN	UT7KF	EA2AGV
WA1NXC	W8UQ	OZ9XU	W0MS	JH1IZR
XE1R	WB4DNL	PY2RN	W6BK	K8SL
193	WF1H	W0PE	WB2HJV	NA5S
7L4VYK	WI8R	WV4V	WB3BFC	TF3JB
AE4CW	190	YO2DFA	WB5STU	TF3VS
DH3KM	AA4U	187	WX0Z	VR2XYL
I4UUL	DJ9KV	4X6KJ	YB1RUS	W4DSM
IZ5MOQ	EC7B	AF6PK	183	WA6EZV
JA0AXV	F4DSE	IK8GJR	IU0ICA	179
JA1QIW	G3WW	K0KV	JA2KSP	DL5MHQ
JA3PRM	HL4CCM	KM4NS	JA3UNA	IK1ZNM
K1JD	JA2ITK	N6VNI	JE4CIL	JA1BON
KM1C	JA3AVO	UN7BY	K6LRN	JA3EEM
LZ2ZG	JH8KFE	W2CG	LA7EIA	JH1XFR
N3AIU	JJ2UDK	W5BK	N4MIK	JK1JAS
NU4B	K5RKS	W5ZE	NA2U	JR3ADB
PY8WW	K5TN	XE1YD	YB2TS	K4OY
SM5ELV	K7UT	186	182	K4WZ
SP5IXS	K8ZT/QRP	K1BZ	I5FLN	K9GWH
W8NN	KD0AA	K5EWS	I8LWL	KB7AK
WA9DU	N6MXU	K5QX	IU8IYE	KE5TD
WB6CJT	OT1A	K6EGF	JA6SQR	KJ6NZ
192	SM0BYD	KC6X	JJ1CQA	KZ2R
F6FYD	VA3OKG	N5QS	K5DCW	N3KV
IZ7GIT	W2OR	W8RV	K7LAZ	SP5ELW
K6XN	W9ROG	WA5IPS	KG4JSZ	W0UC
KJ4UZU	WA8LRW	WB9W	KL0S	W0ZS
KJ4YLO	WB4GLI	WZ4RC	KS0JD	W1HS
N4XYZ	189	185	LA5LT	W4CCS
UR3EO	I0LYO	AD0K	N8NA	W4TUN
VA2IG	IV3KCB	JK7LXU	N8NB	W5JMW
WQ5T	JA1SGU	K0KP	NZ5O	W8QXR
XE1EE	JG1SWM	K3PP	VU3CAU	WC0W
YB1TQL	K3HW	K9AQ	W2NY	178
191	K6UXO	KE5BR	W6SFK	AA8KY
AA4NC	KY5I	KQ4EE	W7WZ	EA8AXT
G4XEE	N2MEE	OZ3SM	181	G4DDL
HA5CW	N6NU	UN7BK	EI3CTB	GM4KHE
	RM3DA			IW0BYL
	RN3CT			

JA1ERB	K1ROA	KM4HQE	169	HL4XM
K1ZE	K4WY	LZ1XL	AC0DQ	JG3KMT
K3VAR	KD4POJ	N3AO	DM3CW	JN4FNZ
KL7TS	KF6HI	N5PA	JA1KXT	JR6GHN
KU1T	KN7D	N6VH	K8ZZU	K0FLY
N4ST	N7NG	N7GCO	K9OT	KN4FO
N6DHZ	NS3L	SP5ES	KI2D	KR4BD
OZ1HPS	UA1OM	W1ASB	N4BAF	SP7QHR
W7HUY	UA9AGX	YB4IR	N4MI	SV2CLJ
WB6AXD	YB1RKT		N5MT	VA7DX
		171	N6MB	W4PGC
177	174	AA5N	RD3BD	W8SAX
4X6UU	AG4Q	AD3C	SV1IZY	WA1ZIC
IW8CGX	DL5KUA	CT2GZE	WA6QGH	WA5NOM
IZ2EWR	HB9HVG	DL5MM	WB8EKG	WB3JFS
JF1LZQ	JE4KCN	F9CI		YO3AIS
JG3KLF	JL6USD	JJ1BDX	168	ZL3RJ
K0PX	JR3TOE	JQ1PCX	A92IO	ZS6IR
K2JL	K1XE	JS6QOM	AB4GE	
K2MK	K5CR	K2TV	EW1P	165
K3OX	K7STO	K4NTO	JA0PZJ	AG6HE
KF4VTT	K9HQM	KB0V	JA1PVX	CU3HN
SM5CBM	K9UQN	KC5LK	JA4FKO	EI5JL
SP9IZV	N7NW	KP4DKE	JH1ORA	HK3PJ
VK2AAH	W5WI	KW4J	JH3EQP	HL1VAU
W0IKD	W6FL	N8WRL	K0PC	IK0XIH
W0JW	WA4BIM	ON6MX	K0RAR	JE4WOK
W1AO	WA4NUF	VU2MSA	KF0RQ	JR1KBJ
W4KVS	WB8QZM	W0MU	LU8ADX	JR6LDE
WD8KND		WA4DOU	LX1CW	K3VPZ
	173	WA5KBH	OE1ALW	KG4CUY
176	AB6CF		R4FAN	KG5NP
DL6NW	AI9U	170	SV1XV	LA2XPA
F4FLF	DM6MA	DL2JIM	VR2MY	N1QY
G4AYU	HB9DVZ	EA3HDZ	WA9IVH	N2RJ
JH8FIH	K6UNE	EI5KO		N3KS
JR1FHP	K8JE	EI6AL	167	PT2ND
K7CTV	KI6MQX	JA1GVT	JA8BOV	RA0BA
KK7YC	LA9VBA	JG1GJH	JE3FOR	RL3BZ
KT8D	N7HN	JG1RYQ	KA5JSM	VK3TC
KW9U	N9ATF	JK1BIB	KB8NTY	W2FS
LA4JGA	N9DR	K6JJ	KD3HN	WB2WPM
N1JP	N9IO	K7CU	KE3X	WB9PNU
NG9J	NA6O	LA2GH	KH6XT	WC4X
OH3PYY	NC7B	LB7ZG	N1ZJ	
VE1VOX	NX2X	N3WD	N4PL	164
W4LEW	SM0EUI	N4VN	N8JS	AC4BT
W9WO	W2PD	N6EM	N8OQ	CT3DL
WA3GNW	W4DTA	N8VV	PT2ADM	DL7JRD
WD4IXD	W7VAS	NJ6W	PY2SEX	EI6IZ
	WA7BNG	NX4TT	WA0SXV	IZ0GVZ
175	WY7FD	VE1OP	WA5NFC	K6CF
AG5CN		VE2YG		K6GFJ
EA6UE	172	W0OGH	166	KA1API
IW1PUR	EI1DG	WA4USA	AL7R	KB7QFE
IZ0CKJ	G6MXL	YO4AUL	DL1SVA	KD8MQY
JE3PCP	K5TA		GM7NZI	N2XQM

N7WI	161	NE5S	IZ0FUW	153
NA2P	HB9GWJ	NF7D	JA1CCG	HB9BEM
PT7DX	HB9MXJ	OH3DP	JA2ODB	JA3UOQ
S50B	HL3ERJ	VA3NXM	JA9RT	JR7MAZ
W6SIY	JP7FSO	W1EBM	JH2AJY	K0YL
W9CSX	K2HT	WD5BJT	JL3DGI	K3GO
	K2OP	XE1MW	JM1LPN	K8ROK
163	K4AR		KA9OKH	K9MMS
4O3A	KM4A	158	N5QZ	K9UWY
AA4OC	N7QT	9J2BS	N7RD	K9YZ
AD5MD	N7VZ	G4SGX	NK7Z	KF9LI
AI4QQ	NA6XX	IK1UGX	PY2CP	KK4XL
DS4NPL	OK2ZDL	IK3DVG	W1MR	LA2IR
EA1AZ	SM3PHM	IW0ECV		M0MCV
F4CPF	W5RDW	JJ1KXB	155	N0VVV
HA5BSW	W6DOE	K4HQB	5P5Q	OH3FVP
IK2ULM	W9GG	K8GWU	DK3QM	SP5NON
JA0MRW		KB2XJ	F6KOP	W3DIY
JA4GXS	160	KC3AK	G0THF	W8OM
K0ABC	E70T	KF7NN	IV3TDM	W8VK
K0CF	JA1ITJ	KJ7NO	JA0EBV	WB4SON
K4GN	JA1UOA	N0SL	JA6SUJ	
K4SAF	JF3VEC	N4XMX	K2DF	152
KE1B	JG2LGM	N6MM*	K4EZY	AC6BW
KO4PRE	JK1EBA	N7JB	K4WM	AK9B
KW4MM	JK1NPH	N8TFD	KM2O	BX5AA
LA1CO	JM1JZN	W0JMP	M0IFT	DF2WF
N0AMI	JR1CAD	W8LIG	N8IK	DU1KT
N4KM	K7LY	WB2RAJ	NH6L	G4AFJ
N7KDT	N0IW	WB9ZNZ	NO9E	IK5BSC
N9LEO	N4MEC	WT2P	NU1T	K2EK
R3IS	N5WA		OE1HHB	K4RDU
SM7CZL	N8IL	157	UT7EC	KD2OV
VA2LC	NI5F	AB2E	W5SV	KE9S
W1OK	W1TO	E20YLM	YB1AYO	N9GKE
W1XV	W9FF	EI2JD		ON4LG
W4PGM	YO8CRU	JA0NZR	154	R9JX
W8MIL	ZS6RJ	JA1UBZ	AC8TO	W6RFF
WB9B		JA3MHA	AJ8B	W7JET
XE2YWH	159	JE3OUW	DS5WQT	YV4DYJ
YO3DDZ	AA3AZ	JG1XBM	HB9ARK	
	CT1ESO	JH2NWP	JA0GZZ	151
162	DD0VE	KN7Y	JA1IHD	DF1IR
4F1OZ	DK8IZ	N4QM	JA4HXF	DL4KUG
AB1J	EA1P	N9AZZ	JA8ANQ	J68HZ
BH4IGO	IK0WMJ	N9MB	JE6PJP	JA2BUR
DJ7JC	JA0ED	NJ6K	JH1AQN	JE1COB
DS3EXX	JG1WNO	NZ3M	JR3QHJ	J13BFC
HS8KAY	JH1BHW	PY1NS	K5DXR	K1IG
JR4CZM	K0IO	W3HKK	KC1ERO	K1QN
K0SRL	K1EDG		KL7NW	K3GW
KC4HN	K8EB	156	NE5W	K4DET
NP3CW	K9QJ	EA3HPX	W4CIR	K7LAY
W4NBS	LA8ZAA	G4FTC	W5TMC	K9AAA
W8FN	N1MD	G8BCG	W8TM	KE4BKL
	N4GBK	GM3WIL	WA9MAG	KE8G
	N4VG	HB9HHH	WN7J	KK4CLY

N7MB	UA9MC	N6RK	K2OO	140
NU4I	W1DAR	N9MR*	K6LPO	AD9DX
SM0NUE	W4DWS	NJ1Q	K9BQL	EI6JK
VA3EJN	W4MA	SM3DXC	KE4FW	K0UBR
VA3HP	WA1EHK	TF4M	KG6D	K3HPA
W3HER	WF7T	VE3NKS	KJ2U	K4AU
W5WLA		WA2MUA	KJ4R	K5GZR
W6WA	148	WA3SKQ	KN7K	K6EV
WA9JWL	4F3BZ	WW8RT	LB2TG	K6GCN
WC2C	A71AM	WY9V	N2YBB	K7VC
	AE0MO	XE2B	N4UP	K7YMG
150	AI6P	YB1BML	N7ZA	LA8PDA
DK3BK	F5NNN	ZS6UT	TG9AJR	LZ2HM
DK3FB	IW5EIJ		W4JVN	N2TC
DL9SAD	JF2AIJ	145	W4UFO	N7TW
EI5GM	JR3PKO	5T5PA	W7VS	NR0Q
IT9ABN	K5LY	AA5TL	WX2CX	NS0D
IW7EDZ	KA3GWD	AC7JM	WY0V	VE3NJC
IZ2MHT	KB8ZUN	AL7TC		W5VU
JA7GZM	LZ1MDU	DL1MEV	142	W9BS
JR7XOD	VE6TL	EA4S	AA4DD	WB1ASL
K5HK	W4AFB	EA7LS	JA1PUK	WW6G
K8WHA	W4AG	F1OBJ	J11UHZ	YB3MM
K9RT	W8VI	JH1CTV	K2CJ	
KI7M	W9GM	JJ1OKK	K3GT	139
KX5U	W9MAK	K5FXB	K9UO	F5VML
N0TK		KQ5M	KA6BIM	F6FHZ
N6JOJ	147	KS0M	KO4DKI	HB9DTE
NM4SH	AB9KZ	N6KK	KV7N	HL4CBX
NZ6N	EI7GY	NS4X	LA1J	K0QB
ON6ZV	G3VQO	W3DQS	W8WV	K2IRM
SM0BSO	I4JEE	W7NP		K2WJ
VU2NXM	IS0/YO3RA	WR7Q	141	K9TRV
W3KB	JJ0LZQ		7K3QPL	KX4I
W4IDX	JK1OTP	144	9H1AE	N0CKC
W4NE	K3GGN	AD0TR	EA1T	N2SG
WL7OU	K5UZ	DL6DCD	EI3ISB	N5RN
ZS1C	K8MRT	GM0VIT	HB9EXQ	N7UJJ
	KB1HY	K1TKL	IZ3XEF	PY2OP
149	KB9LIE	K7QBO	K2JK	R9MJ
7N2JZT	SV8RX	K8OS	K4RM	TA1PB*
DS4DRE	VE3FAC	N5UE	K5VG	ZL3TE
ER0FEO	W3NRJ	RN0C	K8RCT	
JA0JPD	WB8TGY	TF5B	K9AAN	138
K2KIB		UY2UZ	KA5SYP	AC5AA
K2RET	146	W0AIH*	KA5VFU	DL5KUT
K4TXJ	AE5B	WX3P	KE7BMG	DL5ZB
K9EXY	DM5JBN		N5JED	G0FWX
KD4EE	EA4D	143	SV2JU	JA0CVC
KM2E	HP3TA	AA4MM	W1ITU	JA1VRY
KP4DS	JA3KWZ	AF3X	W1NA	K2YSY
N0STL	K6NR	DB4RG	W3IZ	K6CW
NE0U	K8ARY	EI7JZ	W5GOL	K9BO
NU4Y	K8POM	FM5DN	W6HDG	KC9G
NZ0O	KB9AIT	HB9AAA	WK9U	KF6A
RT0F	KM8AM	JA1MOD		KU9S
TF3Y	N6FS	JF2RSF		N0LD

N3PV	DL6WM	133	ZS1EL	128
N9BVA	GM5YTT	7J1ABD		A71XX
OD5YA	HZ1GW	DG1SGW	131	EA1AHA
OE6BME	JA1DCK	DL8OH	JF2OHQ	EA3NG
PV8ABC	JA3MIO	G4NBS	JH1IIY	EI3IO
V31CQ	JA7MWC	GM1BSG	JK8VMB	F4GTB
VE3MSC	JJ1HLL	HB0WR	JM1CMA	HL2DBP
W0UHL	JL2ULM	HK4EB	K0ARM	JA6NQT
W4EJG	K3WGR	JA5IBP	K7GA	JH1AWJ
WA1LAD	K4OP	JM1JIV	KA5IAU	JH4GXE
WA5POK	KC3RKW	K6ME	KB3IFH	K6OJ
	KC9WPS	KC2STA	KD2NF	K7PTC
137	N5JEY	KG6WIK	N0AKC	K9YKL
DL2RD	NX8Y	KI4TZ	NG4DX	KC2WUF
G3PSM	S53MJ	KR4DA	NN6K	KD5R
HL1MKT	W3UNX	LA9KY	W2FDM	KG2U
JH1SBE	W5IO	N1BKB	W5EC	LU6XQB
K2CDJ	W7QHE	N5EI		N0JR
K2RKJ	WA7HR	OH4KRN	130	R3BB
K6IRA	WB1DX	OH7HM	AA4QE	TF3MH
KP4N	WB3AVD	VU2ABS	DL1SWN	UR9IDX
N9NFT	WB6FWS	W1GY	JA2LMY	W0QD
NI4Y	WB9IWN	W3MF	JH3PRR	W5MF
OE3JAG	WO5I	W6OUL	JL4BSE	W6IS
PY3OG		W9SE	K2MHE	W8BI
SM5CSS	134	WA6MRK	KI0HA	W9EBO
SP3EPG	AB0RX	WB1S	KN4JX	W9TO
TA1AL	DL4ZAB	YO3GJC	N2YF	WA4UWD
W2GGY	EA6AZ		N7TM	WC4V
W4UEF	IZ0FYW	132	NS4F	WP4CQ
W9MR	IZ8DEO	AA4FU	OZ6TL	WQ1H
WA0WOF	JA5SEY	AK3E	PU4MMZ	YB0AZ
WA5YOM	JA6GXP	AK6I	W1MO	ZS6AKU
WG0G	JR0GXA	I8NLC	W9CTJ	
WS1F	JR1HYA	IK8OZV	WB8RFB	127
YB2IQ	K3KY	IZ0COI	YO8PS	7Z1HL
	K7FL	JA9KRO		AG4TO
136	K7RAN	K4BNF	129	DJ5DT
AC9GK	K7YZO	K5SES	AD6KQ	DL9GTB
G0OSK	K9JDP	KD3UY	AE7U	EA4TX
IS0EBO	K9SUH	KG8OU	DS4EJA	HB9TJG
KB8KIM	KA9JCP	KI7HO	JA0AVS	HK6K
NT5EE	KD2SC	KK5ID	JA1PLT	I2YPY
NT9F	KF5WCP	M3DFW	JA2ACI	JA0BES
ON5GF	KN4OK	N3TR	JA3WMS	JE2VYM
ON5RKN	LB5GI	N4EDT	JH1RFM	JG1LRE
VE3FRR	N1AH	N4QOG	JN1SUT	JG5DHX
W0ANZ	N6XT	NN3V	K7ORK	JH1HRJ
W4GH	NC6RJ	ON6YH	KB4KBS	J11MNT
W4PV	PA0QRB	SM7DXQ	KN4WOJ	JJ2VLY
W7KKC	SM3WMU	UW7UA	N9AVC	JR1LZK
W7SX	SP2LLP	VU3WEW	SM2YIP	K2GW
WX2K	W2KNG	W3KHZ	VK5CE	K7LFY
	W4UAT	W4MC	W4BH	KF3N
135	XE2AD	W5FL	W7TG	KS8W
AA5H		WA1HXX	WU7X	LA2LI
AB4FH		WA1KXV	XE1ILI	N0AB

N0DL	KK7BR	JH1RVQ	JA1WTO	N4UFP
N1BZ	NA7RH	JL3RNZ	JE2DOD	NJ8G
N3GTG	NN6CH	K2JGL	J15WDC	NR2D
NA1RL	SM5AFU	KC2THY	K1LTJ	VE3QAA
ON5EQ	W0XE	KG4OJT	K3CWF	VR2ZXP
VE3EDY	W3ATV	LA2XNA	K9MQ	VU3RGB
VU2TMP	W4AO	LX2SM	KK4ODQ	W1RG
W0MF	W5CWQ	N1GFV	KU2A	W5RYA
W3KN	W6PG	N6DVR	N3ER	W6GJB
WA2BOT	WA4TMJ	N9RE	N5ZY	WT5L
WB2KSP	WM4AA	OH3TY	NA2R	
WB9TFH	WR2G	PY2ADR	NA4MM	119
WC2L		SV7CUD	NY4G	DL2VWR
	124	VE3VHH	OZ6EI	F5BAR
126	7L3SQL	W2ARP	PP2FN	HL2MHU
AB9BH	DJ3EJ	W2WGK	TA1L	JA6JYM
CU7AJ	EC4KW	W4UT	TA7AZC	K7LOL
DS3EXT	EI8IQ	YB9WZJ	UA0FDX	LU9DO
EI4HH	G4RGK		UR5FLN	N5SIX
IK4TVP	IT9YOZ	122	W3/NH7C	N8LCU
IU8GNY	IZ1UKF	AA0BH	W3JXP	ON8PHD
JA5CDL	IZ5BYJ	AA5B	W4CC	SV1BYI
JA5XPD	JA3AOP	AB5YI	W4KCM	SV2KF
K2GLS	J11DMH	DS4OMS	W7PC	VK7AP
K5KDX	K3SUI	G0HSA	W9MB	W1ZK
K5WRE	K6VVK	HC1HN	WA7HQD	W3MRL
K7PO	K7HC	IU4BJC	WQ8T	W6ZPL
K8GT	KB8DID	JA9ALR	WT3Q	W8EOG
K9QA	KC2NJ	K0HQW	WU9D	ZL2AO
KC5RR	KC4AA	K1AJ		
KK4CB	KD9ZR	K3DQB	120	118
KM4CQG	KE8NOA	K4VAC	AA2T	6K5AQY
KS4WA	KK4TKJ	K7BWC	AC4TO	AE1T
N1GNB	KV8P	K9KJ	AE5LK	AJ6X
N5HC	N0YO	KB4ET	AI2S	DJ9KM
N8YQX	N4LSJ	KN9N	CT7ABD	IZ0RPS
N9XG	N5VBK	N1ZZ	CU2CE	IZ1JIZ
VE3TMG	NT4K	N4GRC	DS3DNT	JA1CCH
VK2DAG	W0DD	N6DW	DS5QLJ	JA2KPW
VR2VGM	W6ELI	N9ATD	F5AQB	JA6CMQ
W7FI	W6ND	UT9LC	IK8IPL	K5KEW
W9COS	W8PAT	W1ES	IT9JPS	K9KJS
XE3E	WW5L	W1HEO	JA1DCO	KA9JAC
	ZL3REX	W1KKG	JH5OTE	KB3KJ
125	ZS6NK	W5HNC	JJ1XVA	KD9BIE
AC4XO		W6HB	K3QB	KG5VK
AF8C	123	WF5I	K5TU	KM6WXB
EI8GS	AB4BJ	XE2MX	K9CHP	KX6C
G4EHT	AE5FM		KJ6Y	KY6AA
IK8PGE	AI5EG	121	KM5VI	LZ1XZ
IZ8EYN	DJ6OZ	5H8HZ	LU3XX	N3HYB
JP1GVC	DS4DBF	AK0A	N0TR	N8KUS
K0MD	G6NHU	DL7UGO	N0UCR	NA9L
K5NOF	IK0XKP	HA2EQD	N1TQP	VR2CC
K9ARZ	IZ8LMA	IK6BMU	N2SO	W4VG
KD0KZE	JA1GLE	JA1CPN	N3DV	WA7ZXD
KK5J	JA2HOL	JA1EYN	N3GS	WA8RCK

WB5TOI	VR2IL	WD0AJG	K0XM	DK4MX
ZS2I	VY2RU	WN0L	K4HEB	EA1BLA
	W0LGQ	WT9U	K4ZMV	EI9HX
117	W1HQ	YB2BNN	K4ZRJ	G4VWI
AD7L	W7WES	ZS4JAN	K8CJY	HB9BEP
CE3FZ	W9JJ		K9KDS	HG6IA
F8EZE	W9LU	113	KH6P	IZ1EPM
HB9MZI	WA4VJK	AB1NS	N0OK	JF3KOA
IS0BZR	WW5RC	DL2DCX	N8AID	JH1FRW
IZ7QFN		EA5DPL	NQ4A	JR2PAU
JA8WGX	115	EI2FG	NZ7Q	K3MSB
JA9KA	AA9WO	F5EOT	S51DV	K4KAL
JM3GXU	AF7WM	F8GB	W1USN	K4RP
K0FF	E74A	G0UII	W3WN	K6DJ
K4AEH	HL4RBR	G4NAQ	W4LLP	K6SLO
K9LCR	IW2FLB	G4YCS	W5GCX	K9TVG
KA4AHU	JA0NPQ	HB9GZE	WD8LTM	KF8PD
KB2S	JA3KKE	JA2CPD	WF4W	KN6HIP
KB5CSQ	JH8LEY	JA4CSJ	WJ1B	KV3W
KO4PY	K8CR	JF1AZQ	WN1M	N1TQ
KP4ED	KB4CRT	JG0HEW	ZL3PAH	N3YZ
KZ1X	KB7V	JH1GNU		TF8GX
M0NGN	KG4URP	K1JKR	111	W1ZZ
N1SZ	MM1PTT	K2KNB	AD7XG	W5JE
N8AGU	N7PIB	K4JDJ	AJ6V	W6TCP
VE7NY	NE1RD	K4JLD	AK4N	W7YED
W3LWH	NG0G	K4TR	EI4GNB	W8TE
W4ARK	NW6V	K7MO	EI9CN	W9GFB
W4PG	OE5MPL	K9DUR	F8DZY	YB1SKR
WB9WHQ	SP5BMU	KA5OWI	G4ZWY	YO5QAW
YO6HOY	W4OV	KB1OIQ	HB9ECS	ZS5LEE
	W5WS	KB2TGU	JA4DLF	
116	WB4MM	KC0V	JA5EEU	109
6K2ILX	WJ5K	LU3JVO	JE1TNL	AA4RX
AA0FT	WS4H	S52R	K2KYH	AC8AZ
EA5GXI		SV2DSJ	K5NV*	AF3K
EI4BZ	114	VA3AYA	K8ZEE	DL9QJ
G8GHD	AC0W	VK7ZE	K9JIG	F5DBT
IZ2CSX	G3CWW	W1FC	KI2Y	F8DHE
JA5GOJ	HC1HC	W3JM	N4NYY	G0MMI
JT1CO	I0BJV	W6BBS	NT5O	JA1IAW
JT1DN	JA1CPU	W7CD	PT7CB	JA1QEY
K1EO	JA8EIA	WB2UFF	PV8AJ	JA9IWR
K4GHS	JG4OOU	WB9YJE	TA1UT	JH4GNE
K4LCP	JM3XZC		TA2RC	JI1ZS
K8JRK	JR4DHK	112	VA6SZ	K0FD
K8MN	K1RE	3C3CA	W7WT	K4AEN
KC1RET	K3PL	7Z1CQ	W8PE	K6JAD
KD5RBU	KB1W	DL5FAC	WB2AA	KB3Z
KQ5S	KI8AE	G0DTX	WB8PKK	KB7DT
N0ATQ	N3DD	G3YFE	WU4B	M0AQM
N2ZL	NA1DX	GM0SCA	XE1ZTW	N4LS
N3CAL	NG8T	IK4EWN		N4WD
N4KEB	NK5K	IS0BQE	110	N6RVI
OE6CLD	W0QKL	JA4RED	AC0B	NN8L
RW6MBC	W2ZK	JF3AHI	AG5Z	NS7K
SM1NJC	W8LR	JH0LME	CT7ANG	NW6R

NX1P	107	F5VIF	JK1AKA	KE9V
PF7M	AB7RW	F6JSZ	K0MB	N1FOJ
PV8DX	BG8PA	G0OJG	K1ETA	N3PW
SP7ASZ	DJ5FZ	G0RPM	K5WE	N4PAJ
T88UW	DK2GP	G3LPS	K7CMZ	N4ZR
TF1A	E73D	HI7SB	K8FB	N8TEM
VU3WUA	EA2BFM	IZ4IRO	KJ8N	N8WXQ
W3GP	EI5GSB	JA3FRI	KK4MA	NA8W
W4JDS	G4FVZ	JF7NNI	KZ4EX	OM6CI
W5SG	IC8XIL	JJ1IRS	LA9JKA	OZ9U
W7CB	IW1PVT	K6VWE	LZ1JZ	PY2YW
W7VP	IZ1XBB	KA1CTL	N2YU	R6TY
WA6URY	JA3MAT	KA9TOX	N9APK	RV4LC
	JE1CTA	KD2RUY	N9IXD	VE3ZN
108	K0FJ	KI4NSP	NC1M	VK3MB
7M4CLF	K2FJ	KM8V	NK7L	W0VU
AC8MR	K2ZD	KT5V	OH6IH	W5PD
AC9DX	K4LQ	M0PCB	PV8RR	W9GXR
DB9CR	K6DLB	N4DJT	VU2DED	WB4HMA
DL1TPY	K7UWR	N6UOZ	W1MRH	WB7QXU
DL2AMD	KA4LBD	N7MW	W1PY	WF8Z
DL2NAI	KB0EL	N8OYY	WB8LEM	WX0B
DM5TI	KF2G	N9ZJ	WD4OHD	YB1BUL
DU1IVT	KF6XA	NG4C	WK3A	YO6HSU
E70X	KI0KN	NI7F	WZ9B	ZS6HON
EA5XV	KJ4FZ	PT2DF	YU1LD	
G5CL	KR4U	PY2OC	YV4EH	103
IK1RKN	LU5OM	UA0ABB	ZS1IS	AF8P
JA2DCN	N0MHL	VE3BHZ		DS5JMG
JA2KGQ	N1UZ	VE3XK	104	EA2RY
JH1OVY	NC7M	VU2MB	7N4OBV	EI9GLB
JR4NUN	NI8Z	W0TLX	AA2WC	FM4LV
K1FUG	OV2B	W4/KL7GLL	AA6XV	HB0RER
K3XO	PP5VA	W6KF	AB5GU	JA7HYE
K8LBT	RM6LW	W7GB	CT3DZ	JF1KIG
KC8YG	SV3EXP	WA3IIA	DD8BA	JI1FXS
KE3ZT	TA1CQ	WA8Y	EA4EJP	JP1KHY
KE7AUB	UX5XK	WV4E	EI3HA	K0LU
KI4SFT	V31MD	ZL3RIK	F6ARS	K0OOK
KJ2AM	VA2GA		G0DRM	K1FBI
KJ4SKO	W5HY	105	GW0ANA	K2RNY
KO4XI	W8JA	AA2F	HA5DI	K3PIN
KW1X	WB2BXO	AI1W	HB9BMY	K3TXW
LU2AH	WB2MKX	AP2IA	JA1CC	K4NI
N2IFA	WM4W	DL9GTK	JA1DHY	K4PWS
N3TTT	WS7I	E29TGW	JA1RBY	K4SAW
N5FPW	WU1U	EA4E	JH1MYJ	K6XJ
N5TW	ZP6CW	EI6GF	JI4HKA	K7HV
N7TP		EI8JB	JQ2MPJ	K9WMS
NJ2X	106	FM5FJ	K0BRO	KA7CVJ
TA1HZ	AB6WQ	G3LOJ	K1TWF	KP4DDY
VE7VV	AC7DX	GM1TBW	K2CQW	KQ6K
W4DVG	AC8IL	HL4GHT	K4WW	M0UPL
W6CN	DS2GOO	JA1JYS	K5JUC	N1MIE
W7SMW	DS5MNO	JE6UWU	K7UW	N8URE
WB5ZAM	EA3AGY	JJ2BLV	K8WVA	N8XS
WC4B	EW4DX	JK1AIA	KE4YOG	NB3R

NI5G	XE1SAX	W0ZX	K1JX	OR4K
RX3BP	YB0EIN	W2FDJ	K1PTF	OZ1GCT
VE7XT	YB9AY	W2GHD	K1XO	OZ9GA
W0PPA	YO6BHN	W2GM	K2UF	PY5VC
W0RSJ	ZS2ACP	W3RMS	K2UT	R2AB
W2SUB		W3SW	K3NO	UR8IDX
W4CU	101	W4PM	K3RRR	VA2EU
W7KHZ	AA9D	W6OU	K3WSU	VE1JF
W7UV	AB2NI	WB5KSD	K4GM	VE3KKB
W8EH	AB4EJ	WM5H	K4KYN	VR2PX
WA8KNE	AB8YZ	WU6K	K4QS	VU2OY
WC9C	C31MF	WX7B	K4RSA	W0RMS
YB1ALL	DD9WG	XE1AO	K4TMG	W1MJC
ZL1IM	DL3XAC	YB8HZ	K5LLA	W2MW
	EA4OR	YO2OXD	K5MMH	W4CG
102	EA4UV		K5PSN	W4DFU
4X1VF	EA8TZ	100	K5VSD	W4YR
5W1SA	G3VDB	2E0XAR	K5YE	W5YKU
AC0XY	G4GEE	9M8DEN	K7VL	W6OZI
DB2WD	G4PUQ	A41ZZ	K9EA	W9KM
DL4FDM	G8GNI	A71EM	KA2F	W9ZT
IC8SQS	HB9PUE	AA7UN	KA4H	WA1W
IZ7QSS	IK2HLM	AC0DH	KB4DSL	WA2ALY
JH1IHG	IU2LFP	AD4J	KB6IGK	WA2VJL
K1MDA	JA1KZP	AE0SQ	KC5N	WA3UTC
K2DH	JA5ALE	AE4VJ	KD1DT	WA3YZD
K2DW	JA5JUG	AF9W	KE1IU	WA6VZN
K4HR	JK3NSD	AK1P	KF5MDZ	WB0RXQ
K4KZM	K0GEO	AK4AO	KF5TL	WB2ZEX
K6BLG	K3AXB	DB6VH	KF9EX	WB6RAB
K6JAV	K3LA	DC1TK	KG4IYS	WB6RJH
KA8HDE	K5HX	DK1MCS	KI0G	WD1M
KB1AWM	K8PGJ	DK7GH	KI3O	WD4GZW
KG5POL	K9GL	DL3ANK	KI4PG	WI0E
KO3F	KB5YN	DL5JH	KK6MF	WK7W
N2CJN	KC3OPI	DS4GQR	KL2R	WM4D
N2FY	KC4ZA	EA5PS	KL7XO	WM9Q
N4IR	KE9UA	EI2HZB	KR4Q	WU1T
N8KOJ	KJ5RC	EI4DQ	LA4EI	YB6LAY
NA4D	KU4A	EI4GJB	M1EMC	YE1AR
NN5O	LA3ANA	EW4A	N0JX	ZS6CR
R9GM	M0PTZ	F5JWH	N0KM	
S51MA	M5LRO	G0GFC	N0VTZ	
SM0XG	N4PF	G8GFF	N1KI	
US8ZAL	N8ERL	GW0KRL	N3NVA	
VK2GR	NC8I	HB9HFM	N4GOA	
W1GF	NZ1I	IK7NXU	N5CR	
W4GHW	OZ5JQ	JA7PKV	N5LJL	
W7FS	PA3AIN	JE7KCI	N5LKE	
W7HJ	R2ARR	JG3LDD	N7WFK	
W7IMU	RZ6MJ	JG5VFK	N7WR	
W9GWP	SV2BXA	JI1LLD	N8HM	
WB4PWZ	SV4FFL	JN1RFY	N9MKC	
WB7QBS	TG9AKH	JR4VEV	ND0B	
WD6T	UA4PK	K0FTC	NE3K	
WD9IOK	VK4BUI	K0JDD	NX6D	
WN9A	VU2OT	K1HC	OM2AGN	