

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 29 Mar 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 K2TQC SP5EWY	KF2O N6AR	W7UT	WD5COV WK3N	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HA5WA HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W5BPT W5ZN
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK DJ6RX DJ9KG G3KMA JH4IFF N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO K4XP N4XM N8DJX SM5AQD SP2FAX UA6A W1YY W4PK	
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN		
345 HA0DU JA2VPO OH1XX	340 AA1V EA8AK JA4DND K4UTE N0AT SP5CJQ			
344 K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK	333 DJ8NK F6AOJ G4OBK I4AVG JA1HGY JA2KVD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W9RPM WB9Z	331 DJ9HX EY8MM IK8HJC JG3QZN K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W4DKS W5OZI W8UVZ WB6RSE
343 DF3CB K3FN K4MQG N4MM VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
342 JR2KDN K4DY K5UR				330 AA1ON

DJ2YA	RU3FM	K9EU	322	JA3PIS
DL1AMQ	SL0ZG	N3NT	CT1BH	K1LD
EI7BA	W1ECT	OE2LCM	EA2IA	N4II
F6BKI	W2IRT	ON4IQ	F5PAC	SP7VC
HB9AMO	W4UM	R5AJ	IK4GME	UY5ZZ
I4MKN	W5FKX	SM4EMO	IK8YTA	VE3EXY
IK4BHO	327	SM6CCO	JA4FKX	W3KX
IK6DLK	AB4IQ	SM6CMU	JJ2LPV	W6XA
JA1ADN	CT1APE	SP1S	JR2LJO	YV1DIG
JA3EMU	CT1IUA	SV8CS	K2UO	319
K3WC	DK5WL	W1RM	K7NN	AA4V
K4CN	DL2OE	W6RLL	KA9CFD	DJ4AX
K4ZYU	EA1YO	W9OP	KU0A	DK1FW
K9CT	EA5BM	324	N4DW	EA8AKN
KD5M	I4EWH	DK9KX	N4NX	IK4DRR
N4JF	JE2LUN	DL5DSM	OH1LEU	JH1RFR
N8JV	JH1TWT	G0DQS	ON4CD	JJ1DHY
N9IW	JJ2KXK	G4CCZ	PA3EWP	JR7VHZ
NR1R	JJ8DGO	I0WDX	R7DX	K5MC
OK1MP*	KW9A	IK5PWQ	SM5KNV	K6AM
RA3CQ	N6JV	JA2BDR	UA4CC	N4DB
VE3FF	PY2YP	JA2DPC	VE1DX	ON4AOI
YO5BRZ	RZ3AM	JH0INP	W5CIA	UA3AP
YU1FW	SM2GCQ	JR3GWZ	W5TCX	W5WT
329	SM5CZQ	JR3OEH	WI8A	318
GM3POI	SP6M	K5KC	321	A45XR
IT9DAA	SP9DWT	N1NK	AD1C	AA4HP
IV3JVJ	SV1RK	N8BM	G3TXF	AA8CH
JA2JW	326	NK1K	HB9BIN	DL6KR
JA7KY	EA5BY	OE8HIK	IK2YCW	G4PWA
JA7MSQ	JA9APS	R3OK	JA0GJJ	HB0CC
JE2URF	JF1WPB	VE2TZZ	JA1XEC	JA2JNA
JH1GZE	K5EK	W3LL	JA3AZD	JH4JNG
K0EU	K8PT	W9OL	JH1IFS	K2TE
K1HTV	LU2NI	WB4TDH	JH3CUL	K4IQJ
N5AW	N7RT	323	JH3VNC	K5BG
NI0G	OZ1AXG	AD5A	JH4ADV	K5DU
NO8D	SP5DIR	EA3GP	K2VV	KX4R
OZ1CTK	W8DCH	JF1KKV	K6FG	LA2PA
R4GM	YO9HP	JH2FXK	KV7K	PY5EW
SP6CIK	325	JJ3PRT	LA7HJA	R3VA
SP7GAQ	EU7A	K9IR	N4PQX	RA7A
SP8NR	HB9DHK	K9YY	N5XZ	RW3RN
W0DJC	I5NPH	KF0QR	OE6MDF	VE3LYC
W5XX	IZ0AEG	N5TY	OE8RT	WP4U
WA1JMP	JA2FJP	N8RR	SM6DHU	YO3APJ
328	JA5WIZ	NY0V	SV1FJA	317
AA5AU	JE1SYN	OH2BLD	UT7UJ	AB9V
DL7MAE	JF1PUW	SM4DHF	W4FC	DK2NG
IZ5EKV	JF3KON	UA3AB	W8GC	HB9HFN
JA1SJV	JF7XKY	W3NO	320	JA2IVK
JA6BZI	JH8RZJ	W7AO	DF2RG	JO7WXN
JJ4POR	JS2LHI	W8OI	DM5EE	K2RW
K4QL	K0DEQ		FK8CP	K6YUI
PY5EG			I2EOW	

KE9L	DL6CNG	N1IBM	W2JU	R8TX
N2BJ	EA6VQ	N5ORT		R9FM
N4QS	G3NDC	RU3QR	308	UN7JX
OE1WEU	HA1RB	SV1CNS	DL2CHN	W5ADD
SP1MGM	IZ8FFA	W7CT	HK4SAN	
UX1UA	JA2AH	W8HW	IU7QBB	305
W6VX	JA2ZL	W9RN	IZ2AMW	DJ4XA
WX4G	JR4OZR	WB8BPU	JA1IZZ	JA1IOA
	JR9LKE		JA7IC	JA1VSL
316	K2LS	311	JA9TWN	JA7BWT
DL5WW	K5AQ	IK0PEA	JG4AKL	JA9GPG
G0OIL	KB0EO	JA2XYO	JH1SJN	JE6TSP
GM0GAV	KC9ARR	JA4MRL	JL1RUC	JH7RXU
IK2QPR	LA7AFA	JA5XAE	K0GY	JR2UBS
JA8EAT	MD0CCE	JR6FC	K2UU	K0JUH
K3WA	OE1AZS	KM4H	K8OM	KD3CQ
K4EM	OE1ZL	OZ4O	KN5O	KG4W
K4HB	SM4DDE	PY2XU	KS1J	N9AU*
K8YTO	SV1DPI	SV2DGH	OE3SGU	NQ1K
K9MM	SV1JG	UR0MC	R7NW	PA5TT
KG8P	UA6MF	WB9CIF	VA5DX	RA9CMO
KQ8M	UT9FJ	WD0DAN	VU2NKS	SM3NXS
N5DG	UX0FF		W2QO	UT2UB
RV3LO	YU3AA	310	W6ENZ	W1YM
SP1JRF		JA0CRI	W9MU	W5XC
UA3DPM	313	JF2UPM	WA8WV	YB1UUN
W1GL	5B4MF	JF8QNF	YS1RR	
W7MO	AA5AT	K4SO		304
W9ILY	AC4G	K5XI	307	DJ9ON
WA2VYA	CT1GFK	K6RO	A65BR	DK5AD
YB5QZ	EA7TV	K8AC	DK2JX	HB9CEX
YO7LCB	I3BUI	K8FL	F2JD	JA2NDQ
	JA1GRM	LA9AJA	G0BLB	JA2VQF
315	JA5IU	NS6C	HB9SLO	JE2LPC
9H1SP	JA6VQA	RA0FF	I5HOR	K8GI
AB3CV	JA7JWF	RL9F	JA2WYN	KC7V
AB6QM	JH1NYM	SP6HEQ	JA2XW	N7US
DJ5FI	JR1BLX	W0YG	JA3GN	N8TR
G3VKW	JS3CTQ	W4BP	JA6WJL	N9RS
HK3W	K6KLY	WB0TEV	JJ3HGJ	UY5AA
JA1ANR	LB8DC	WD9DZV	K2SHZ	W5AJ
JA8RJE	N8KOL	ZS1LS	K3RA	W7DO
JA9CWJ	NN4R		K9RX	WE9R
JN3SAC	SP3CGK	309	NI6T	ZL3JT
JR2BJE	WA7NB	AA5AM	SP9JZU	
K1BD	ZS6EZ	JA1EOD	W7OM	303
K8NVR		K0KX	WA5VGI	E72U
N5OK	312	K1AR		EA3GHZ
NE1B	F3SG	K8QM	306	G3LZQ
OE3EVA	JA1SYY	K9ZO	DL1KUR	HB9TKS
ON4IZ	JA1XCZ	NN4SS	DL5EBE	HL3IUA
PY2NQ	JA7QVI	NU8Z	HB9DDZ	HL4CJG
SM3VAC	JH1AGU	R9TO	IK4PLW	IK2RPE
	JH1QAX	RU3DX	K0KVR	IK4ADE
314	JR1BAS	RX3AGD	K5WAF	JG3LGD
CT1DKS	K1HT	SM2OAN	N4TL	K7WP
CT4NH	LA7JO	UA4LY	OE5RLM	K7ZA

K9MK	MM0EAX	296	293	EC3A
K9US	PA3CSR	AA8OY	CU2AP	I4KDJ
KB1JZU	UR5EDX	CT1DOF	DL1HRN	JA1KQX
RL3FA	W3OA	EV1R	DL1SMA	JA1QXC
RW4NN	W6TC	GM0AXY	EA3WD	JE2DZC
SM6CUK	W9AJ	JA7LGE	IV3YYK	JE2EHP
SP3IBS	299	K6FW	JA2CXF	JK1TCV
SP7HOV	CT1FMX	K8VC	JM1FHL	K3FRK
SP7ITB	DM2DXA	KB8VAO	K4JAF	LA2QM
W1SKU	EW2A	LA8PT	KD0Q	LA5LJA
WT8C	G3SVD	N0RB	N2LM	LU3CQ
302	HB9RG	RA3QK	N4RWG	PP1CZ
DJ5JH	IK5RUN	SM6BZV	PY2IQ	SK3PY
EA1N	IZ4MJP	SV9COL	S55DX	SV3AQR
F5CQ	JE1DXC	UA6YW	WA4FFW	UN7LZ
HB9DDO	K6SIK	W3RJW	YO2CMI	UN7TW
HL2IFR	LA3WAA	W9JA	292	W1EQ
I1EIS	N9FN	WA3AFS	DL5CW	W2LK
IW1ARB	UA9FAR	YO2RR	E72A	WA9PIE
JK1EXO	UN6T	295	EA5AT	WB9EEE
KI0KB	VE3BW	AA4R	G4GIR	XE2CQ
R5DT	298	AD6W	G8DX	289
SP2BMX	5B4AHJ	DL1DUO	HB9BAT	4Z4DX
W0VX	DL7BA	IW0SAF	IZ3ETU	AJ6T
W4QN	G5LP	JA1BPA	IZ8VYU	AJ9C
WD4LBR	HB9BOI	JA1JAT	K5DHY	DL9TJ
301	HP2AT	JG0CQK	K7ZD	EA6ET
AE5E	IW0HQE	JN1RQV	LU4FPZ	JA1FQI
F4BKV	JA1WSK	K5VIP	N8II	JA3EOP
IZ1LBG	JA4ITW	K5ZK	R6AF	JA8EJO
JA0DIN	JA5BEN	N7TY	SP5IWA	JA9FAI
JA1LSP	JL2JVX	RM0F	W4VIC	JA9FPI
JE1LFX	JR7WFC	SM5FUG	W6SR	JA9IFF
JG8FWH	K2PK	SP8HKT	291	JG1WSC
JK1GOK	K8EUR	SV1GYG	G0EHO	JH4GJR
K4SE	ND0N	VU2PTT	IK0HFO	K4XD
PY7DJ	PY2VA	W2GG	IT9CVO	KK0M
RN3QN	W5VY	W5LT	JA3ENN	N2NL
SV2AEL	ZL1BYZ	W6XK	JH1BAM	R0FA
US5WE	297	294	K0BBC	RA1QD
WB5JID	DL4CF	AI9L	K0TPP	VE3EK
300	E73Y	CT1FCX	K3PA	W9YSX
9K2OD	HB9CQK	EA6NB	KP2A	288
AC0A	JA3RQ	HA9PP	LA5HE	IZ0RVI
DL1TRK	JE7JDL	JA5SUD	N2TN	N6UK
EA1AF	JE8CLT	JE1GWO	N7IR	NA5C
EI2GLB	K4MS	JJ1DWT	N7RO	ON6AA
IZ5RVG	K6ND	JR1DUP	VE3CFK	PY2KP
JA1SVP	K8WK	K7ZV	W7BEM	S57AT
JA9AA	K9SM	KZ4V	W9FR	UA3AGW
K3XA	KG7H	N0KV	ZL4TT	W1YIF
K8GG	KT1J	OE5BWN	ZS2DL	W2LE
K8TL	W6YI	RU6L	290	W2NO
K8VFX		SV3DCX	AA4A	ZS2EZ
		W3JX		

287 9M6YBG AA8LL IV3GOW IW1QN IZ8FWN JA1XPQ JA2ATE JE2OVG K0AZ K3UL K5RT KD0PO LA3MHA R9SA SM5ARL W1VT W4YCH W8AV WA6F	OE1WHC PE1L WK7E 284 DL6JZ EI9FBB GM3YOR HB9RYZ IK8VRH JA0DET JA8CJY JG3SKK JH3SIF JN1BMX N4LR OE2GEN SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ 283 DF2GH JA1RTX JE3ENP JG3FEA JL1XMN K3WW K9NW KJ6P OE8SPW W1LW W6BJH W8TN 282 K1DT K1USA K5UO LZ2JE OH4UI PC3T RD3AW SM4CTI UA0BA W4OX W7AL 281 AD5Q BA4RF EA5OX F3AT I1FQH	IZ8FDH JA2IYJ K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W7ZJ W8KEN WN6W XE1KK 280 GM3PPE HA5VZ IZ3ENH JA6TMU JA9NLE JF1NZW JH1BNC JH1HHC JH4ALY JR6LLN JR7FRW K4WNW PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX 279 JA0PE JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV OH1ZK VE3DZ W1OPD W4UCK WO7R 278 9A4T EA8RR EI9JF F2NH JA8LRG K2UR SM0NJO SM4AZQ VE3CRG	W8MHW WF2S 277 EU1KY F5UJK JA8DNV JA8EOT JH3KAI K2AJY K8UT N5LZ UW2ZM W1KSZ W2PP W3BW W8RLS W9MJ WA3C WT4Q 276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA9VFA N5MOA ON4CAS RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO 275 JA2JRG JA3XNH JG1OGM N2JJ N7KA N8PW OH1JP ON5UE PA7RA 274 CT1FPQ EW1KP IW0HOU JA8ZO	JH1IAQ K3PT K6UM KA8SYV KA8ZPE KS3F N4HB RA5BM SV9AHZ UA3ECJ 273 AB4SF DH2PC JA1KPH JA2TBS JA6BEE JH3GCN N4IG NA5DX NK0S OZ1ACB RW7M UR5WA W4HG W8QZA/QRP 272 AF9H F5PBM I5OYY IK5PWN JH0BQX JH1OBS K1UU K7EG K8BL KA1ERL KI4GE N2DPF N9RD ND4X OE5FIN PA0ZH SV1ACK W2OO W3AP WA1S ZS1A 271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG
--	--	--	--	--

K3PU KB1EFS LB2TB N6TA NN4X OZ4VW UA3TT W1MK W7MEM	W2FV W9HBH WA0MHJ WA1YTW XE1MEX	JA7HRM JR4LNG K1CA N1GC PA7TWO SV1CQN VE6AX W5PF W7Yaq	K7LJ KM1D LA5SJA OM8FR SM7CQY SM7IUN ZS6WB	SA0AQT US0YA W1SSN W9EWZ ZL2IFB
270 7K1PTT BA4MY CT1EAV CT3MD DK8MCT EA1KY EI6FR F9XL JM2RUV K0BJ K7UA K9JF K9MBQ N4JQQ N4QQ PU2POP VE6LB W8HC WL7E	267 AA4FL HB9IQB JA2QXP JA7BEW JA8UIV JH3FHQ JI3CJP JJ1TKN K6BV KI5BLU SM5BMB WB2BIN	263 DK4TP EA3CJ EA4DL HA7UW IZ4DPV JA6GPR JA7XBG JR8AMF K1KO K8FH KN6KI N1RR N7BT NF1G WA4LOX ZS6NJ	260 AA9A EA8MT EA9IE EC1AIJ FG5FR JA2FBC JA3VPA JA3WLN JH3FUK K1ESE K6EME K8YSE K9FN LY1G N6MZ NT5V SK7AX SP6JIU SV1FJP TG9NX W2XI W6TMD WA5LFD WV8DX	257 AF4HX DJ0UT DL9FCY DS5ACV EA1JO EA7SG EB3CW IK2PZC K1SM N1API N6HC PY2MC RU1AB SV1VS W0JM W5DM W8MJ WQ6Q WV4TN
269 IK7FPV IK8EPC JA1OVF JA1VLK JP1NWZ K0KT N4UOZ NW7E OM4EX SM5FWW W3ACO YB1AR	266 EI8IU IV3VBM JA3BXF K4RG K5VWW K8AJS K8ROX N6PSE PZ5RA RA4CA SV1HEP W0FLS W8MET WB2GAI WB3LHD	262 CT1BWU CU3EJ I5REA JA8BAR K8AV LA9FFA N3RC N6RV N8OC NK4L NX0I W0GG W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART YB2DX	259 DJ8NT EW1BA JA8BNP JE2RDO K2UFM LA6UL NI3P PY5CC W7AH	256 BH4QYX EC1A FG8OJ IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID K8RRT M0TTB N1SV N9ISN NA5Q VK3NX W1KDA W8JRK WB7B
268 7M4AOE HB9BUN JA1NWD JH4HMG K2KA K6IPM KD4W LA0FA N2AJ N5JB SM6BGG	265 4F2KWT G3WPH JA4FM K2CBI N3VA N5KM N9JV NU1B NV9L W6RS WA0RVK	261 DK3PZ G3UAS IZ8IEV JA3FHL JA4VLK K2FW	258 CU3EQ DK7YY EA3EQT HL3AMO IK4AUY JA9AGN JR1WCT K0TT K4KAY KH2L N1EN	255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JA1VRU JK1OPL

JR3UIC	DL2RTL	HI8R	J16IHG	K7KB
K7XB	JA1DDZ	HL2KV	JJ1BMB	KV1E
KR4F	JA1SKE	JE2VLG	JJ1QUV	N4OA
N1RK	JA5BGA	JJ1SKG	K0KG	W5DNT
VR2XMT	K4VIG	KF7F	K1EFI	W5QM
VU2CPL	K8CW	N4XP	K1KA	
W5JAY	KG9Z	OZ1LCG	K1YR	240
WS9V	KJ7TEA	W2TB	KK1W	7K1CPT
	N4SC	W8IW	N0RN	E21EIC
254	N5UL	WV9L	N6KZ	GU0SUP
BA7IO	W2JLK		N6PM	HB9EFK
CT1BWW	W3ABT	247	OE3HWC	IW3GJF
IZ5YHD	W4SK	CT1FUH	SP6A	JA1DM
JF2WXS	W5GAI	K1PL	W0QQ	JA2FSM
JH1VUO	W6DE	K3VAT	W4REX	JH1APK
K3SEW		KH6M	W5PJR	JN1NBU
KI1U	250	N4QWZ	WA2USA	KF0LA
LA5YJ	6K5YIA	N7DED	WA3F	N0ABA
NE8P	F6HLC	PY5IP		S51NM
UA3O	HA7TM	W2/CT1GIF	243	SP5LKJ
W3FI	IK0UTM	W7IB	CT3KN	UX5UO
	JH6PFY	W9JJB	DS5TOS	W0SZ
253	JL1MWI	WS5W	G4XRV	W8WEJ
JA6IVR	JR0EQQ		JA1PBV	WA4CEM
JA8XQI	K9YC	246	JA2EPW	WB8CQV
K0DD	K9ZM	AA7G	JR5JAQ	XE1RBV
K1FEV	KQ3F	FG4NO	K4ZO	
K6MKF	PA0JSE	HL2EIZ	K8ME	239
K8DV	PY2FN	IV3KFB	W1BR	AG1A
KE1F	UN3G	JE1VTZ	W4PNY	DJ9RR
N5BO	W2GW	JF1LMB		I0JBL
N7XR	W7HPW	JK1WSH	242	IZ1JMN
UA0FO	W7IU	K2SN	JA4ZA	IZ2FOS
VE3YF		KB6CIO	JH1ERJ	JA4HAW
W6RW	249	LA9GX	JH1WJR	JA6CBG
WF4U	EA1RT	W1KMA	JH4ADK	JA7KE
YB0COU	HL2CFY	W3ICM	JJ2WOC	JA9NFO
	IZ8GGF	W5ZO	JK1VXE	JE2UFF
252	JA1EMQ	W8OP	JR1MLU	JH1DGJ
DL7UPN	JA8FFM		JR7GBL	K2XF
F1ICS	JH8GEU	245	K3NQ	K8YYY
G3KWK	K9NR	AF5CC	K4PB	N8SHZ
G3NKC	KM6HB	AJ8MH	K7FEL	NF4A
JA1BNW	N3KN	G3KMQ	KJ7M	OE3KLU
JE1HRC	OZ5NJ	HA5PT	N2NS	OH7TV
JF3PNQ	SM4OLL	JA3QOS	N6HY	WA6JA
JH1ACA	UN3GX	JJ6DGP	SV1IW	WB4KTF
JH4CBM	VE3YV	KF7PG	VK3BDX	
JK1UNZ	W0RX	N0AH	W8GNM	238
JL1BYZ	W8IQ	N2NW	WB8K	G4FKA
K5FZ	W9RC	NZ3O		HB9MFM
W2ZI	XE2D	S55ZZ	241	JA0LXP
W7CA		YB0NFL	AB5C	JE1PNX
WV6E	248		IS0AFM	JF0JYR
	AK5X	244	JF6XQJ	K9GA
251	G3VPW	IK8UHA	JP1IOF	K9OR
9A4W	HB9DOT	JA1CZI	K3WWT	KA4RRU

KF9UG M0CSD N4PJ N5ZC N9UA W4KA WA4QMQ WB0TVY ZL4AS	235 EA7QW EU1U G8AJM JE1IBI JH2VVH K0EOO K0VSH K4QE K5CWR K8ZM N2FF N4IQ NA5Z NW4M TA1CM W3MR W7YW W9FI	SM0XBI W2NRA W6YOO WA8MCD WB2KSK WD8PKF WE4S	AH0U DL8SDC IK2GAJ K0HD K3FM K4CMS KD1F KI4DLS KS4S N4NW NE6I W1WC	KK4OK N2KX N5ET N6BM N9AOL NG7M VE7TK VK4CAG W9DX
237 CT1BOY G0VXE HB9CXZ HB9JOE JF2OZH JH1DGQ JR0QFA K1RV K2NV LB5WB N4HID SM0MPV W6AER W8UN WA0ROI WB8B WB8ZRL WC3W YO3JF	234 DF7EE DK2CC HB9BYQ HS1NGR IK0LNN JA2OLJ JK1BSM JR1VAY JR4LZX K1XV K4MF KE5FXE KE8UM KX2A ND4V NV4B OH2IS W3WST WA4JQS WA5UA WX2U	232 AC9EM EW4C G3XLF JH5HDA JH6DUL JR3VMJ K4ST K5FNQ NY2NY RK4FD RQ3A SV8DOU W6CYX W9ZCL	228 7J1ADJ AA0MZ F1RAF F5LIW GW4TSG HB9DQV JF1RYU JF1WLK JH2PWY JH3GFA K4JC K4KGG KB1DMX KE4UW NH6T/W4 RA3QUA VR2CH	225 DK5RL DS5DNO EU1M JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0OK K1JIU K4JWA K5YU MU0FAL N0ODK N2SQW N9SF NJ7G W5GZ W5LO W5TFW W8CZN W8UV W9KVR WE1P YO9FNP
236 HB9ZS JA1HOM JA1JYE JA3KNN JH1UBK JN1NOP K1ACL KM3J N4GN N6IE OE2BZL OZ7FOC PA0TCA VU2CDP W0HBH W2YR W3FOX W4GIW W6DR W9OO WA1PMA WY6N YB2TX	233 AA9GR AA9RR AJ4A DH0GSU DS3HWS EA4DEI EA5AR JH1SOD K8BN K8EAB K9JU N9BX NE3F	231 AD5WB DK6OR HL2ZN IW7DVM JA0KJD JA1MZL JH0AWC K5IB KD6UO LZ2XF NA4EA SM7NDX W2DXE W4UDH	227 AC9O DL2RUM EI2HY HB9DVO I0MWI JA0DWY JK1SQI K1GE K5GH LU6ETB N1NU N6OJ SM3LGO W5SL WA9GON YL2KF	224 JA8NFV JO1LVZ K1CBK KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B VE3SKX W7NN WB0O WN6K
		230 G3LUW JA5NPV JA6AVT JI1VVB K3EA KB9DAK KK9H W2KA W8FIB W8WVM W9YE WB2NPY	226 DM2RM I0OSI JH1IED K2BA K2RU K4YJ	223 AB4UF AF2C EA5B
		229 AA3LX AE0P		

EA7DUD
I8MTQ
IK2RZP
IZ8MBW
K2HAT
K6IPV
KI6CG
KW4V
N4ENE
NA2AA
W5RF

222

AK5Q
DJ9SO
DL5XL
E77S
IZ7AUH
JH0OXS
JM1VRW
K2AT
K6ZZ
KB5UNX
KS4YT
RA4P
SV8CKM
VE7BV

221

EA2AAZ
HB9HBZ
IZ1JLG
JE2EBT
JI1NJC
K4CGY
K5DV
KU4XO
N4TOL
N9JR
NA9Q
RU0SN
W0BM
W4DEE

220

AA6RR
DL4DW
DL4LAM
EA5DFV
EI9FVB
IK1IYU
JA1OVD
K1DJ
K1NTR
K2TER
K4EU
K4MIJ

K5MT
K6MM
K7AWB
K9WX
KV4T
KZ9DX
N9PGG
ON4ATW
PA3BWD
SM0DSF
UR4IOR
XE2X

219

F5JSD
HB9BNQ
HL5BMX
IK5QPS
JA1FJJ
K5JZ
KD2T
KE6V
KG6I
KI7AO
KR6C
N1KC
N6DX
NA9RB
W6GRV
WA3I
WW8W

218

DL2NOM
DL4NBE
DS4AOW
I7PXV
KE3D
KV4AA
N4JT
SM7WVZ
TZ4AM
WA2NPD
WC4H

217

IK0CHU
JA2NNF
JA7ZP
JG5RVQ
K0NV
KU8X
N6QI
OZ0J
W0TM

216

CX2CC
DJ3XG
G4VMX
JA2VHO
JH7WQX
K7LV
KK4OW
KR4W
KX4TT
LB6KC
NC4RB
PS8ACL
W0SR
W5THT
W5VQ
W8LMG
W9MO
WB3D
WS1L

215

9H1EJ
AA7XT
DS4GKF
HB9IIO
I5XFD
IZ0BVU
JR0AMD
JT1BV
K1TZQ
KF4NEF
N8NN
RN9N
W0FG
W0TT
W1JGS
W4IS
W6SL
ZL2AL
ZS2Y

214

DJ3AS
F4GVO
HB9VAB
JN7DOS
K0QQ
K2AZ
PY2RO
SP7ICE
W0KCI
WB6BFG

213

9A1AD
AG3V

DK3UA
EA2AFV
HB9HIT
IV3FFI
JA1FVS
JA3NHL
JG3RWX
JH1OGT
JR1EFG
K1NJ
K5ALQ
K5CD
KK2M
N6PEQ
N8GP
NA2M
VK3FM
W1LE
W3BJ
W5GA
W7HR

212

3A2MW
G4ZOY
JA1BWA
JS6TWW
KU4BP
NY1V
SM5AOG
VU2DCC
W5DAW
YL2TW

211

AA8SW
JA3LDH
JE2KSM
JJ1KZZ
K4MV
KT2C
N1BY
VR2XLN
WC2K
WY1G

210

AA4LR
CU3AN
JR2PZX
KD4SN
KD8RQE
PY2WC
S54A
W5WP
W6WF
W7FP

W9IL
WK8A
WW2DX
YB0DJ

209

I1YDT
JH8UQJ
K0LB
K0VM
KB4MRX
N4TD
N9XX
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

JH0NOS
K0THN
K4WES
K5RJ
KR2Q
N4FN
NU1O
NW6S
W1FA
W4WN
W5FPT
WA6G
ZS1J

207

9K2BM
DG5LAC
JG1JPE
K6ZP
KB2FCV
KE1VT
M0IKW
N9AKR
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
VK5GR
W1MJB
W4GE
W9QO
YB0MWM

206

CT1HHP

HB9CRV	KM7R	JH0RVY	I8YAV	KZ1W
IW9DNI	N3PS	J11WLL	JA1XRA	NN5E
IZ4DIW	N4TV	K4SX	JA7FAS	NU4B
JF1IRW	N6PAT	K4VNY	KM4VI	SM5ELV
K3SX	SV1FKZ	KC2SST	N2GZ	W8NN
K8NK	W1DYJ	KI4WCQ	N3QE	WA9DU
KK5OQ	W3BNN	MU0GSY	NA9A	WB6CJT
KK9T	WA3FRP	N2RR	RC2A	
KO6KD		PB9FN	SP3F	192
KW4CQ	202	V51YJ	SP5MXZ	F6FYD
N6ZN	BV1EK	W6JZ	W6HYI	G1VDP
N8BJQ	IK5BOH/2	W6UC	WA0WWW	HB9FBG
W7IUO	IT9ODQ	W9LN	WB5NHL	IZ7GIT
WA3WZR	N8WD	W9RXJ		K6XN
WB0N	W1AW		195	KE0A
	W3NS	198	CT1ELF	KJ4UZU
205	W4RDX	DJ0MCH	JA7QQQ	KJ4YLO
AC9S	W7TUS	DL8DWL	K4KEW	N4XYZ
DL6UNF	W7VY	IV3BSF	KE4S	NC2Y
GM0VRP	WA9BZW	JM1ESG	KF9AF	UR3EO
IK0WRB	WE2N	JR1IZM	LU4FW	VA2IG
JA4DHN		K0GW	N3XM	YB1TQL
JO3WHB	201	K7PT	NN2D	
K4YYL	DL4FAP	KA1J	OH6NIO	191
K5VR	GI4OWA	N4PYI	SQ7FPH	AA4NC
KW1DX	IZ0GYP	ND3L	UR5FEO	HA5CW
N9KW	JA0CIU	RA3BL	VE3YXO	JH1FNU
OH3OJ	K0MFI	VK6OZ	W3SB	JK1AJX
UN9L	N2KI	W6SHY	W6KK	K1RI
WA4MME	PY2GG	WA2VQV		K8QKY
XE1J	RT5A	XE1FAS	194	N4DWK
	W1OP	YV5LI	A65BD	N4HN
204	W6AEA		EA5ZR	N7MQ
K1RH		197	JA7DPC	NK7C
KB5HC	200	4X4MF	JA7JM	OZ7DN
KM9E	HB9AGO	BA4TB	K1LT	VK2HV
SM7GIB	IZ5FSA	EA1DLU	KP3AH	W8UQ
VU2IBI	IZ8EKL	IT9AAI	KR8T	WF1H
W4GP	JA3EY	IV3AVQ	NJ3K	WI8R
W7IV	JA7MAD	JA2MNB	SP6EY	
WB8BZK	JH1FVE	K6TAR	VU2LBW	190
XE1L	K1ZJA	K8SIA	W4DC	AA4U
	K9SG	M0HIH	W5UHQ	AC4VM
203	KC6JAM	N7WS	W7PAQ	DJ9KV
DF3EC	KL7TC	W4DAO	WA1NXC	EC7B
F5NBX	N1IA	W4HZ	XE1R	G3WW
IK2RGT	N2ZA	WI7P		G4XEE
IZ0BTV	N7ELL	WQ5R	193	HL4CCM
JA7JPZ	NW7US	XE1H	7L4VYK	JA2ITK
JH8NBJ	PY3VB		AE4CW	JH8KFE
K0CS	VK6LC	196	DH3KM	J12UDK
K4GO	ZS1DX	AG5W	HI3T	K2CYS
K4JKB		CT3CD	IZ5MOQ	K7UT
K9OW	199	DF2UA	JA0AXV	K8ZT/QRP
K9TF	AA3TH	G7SSE	JA1QIW	KD0AA
KA1DJ	AC0X	HB9ESS	K3NF	N3AIU
KK8MM	AD4AA	I7LGM	KM1C	N6MXU

SM0BYD W2OR W9ROG WA8LRW WB4GLI	WB4DNL WZ4RC	J11CQA K7LAZ KG4JSZ KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	W4CCS W4TUN	W9WO WA3GNW
189 I0LYO IV3KCB JA1SGU JG1SWM K6UXO KY5I LA6OP OH2LHE ON6KE RM3DA RN3CT SM4BZH W4AEJ W6DPD YB4CHP	185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W5SUM W6RKC WV2I	181 IZ4AIB JK1DDG K9AQ KY6R N1HO N6VS N8AYY N8HRZ NN9X NV4A UA9AEU W6TK	178 AA8KY AE4M EA8AXT F4DSE G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N6DHZ OZ1HPS W7HUY WB6AXD WC0W	175 AG5CN EA6UE IU8IYE IW1PUR JA0LFV JE3PCP JH6RTO KD4POJ KF2OG KF6HI KL0S KN7D LZ2ZG N7NG N7VPN NS3L UA1OM UA9AGX XE1YD
188 EA7AN JA0GCI JH7NTW JM1SZY JP1GUW K1JD K2AX K2DC PY2RN WV4V YO2DFA	184 AD6ZJ EA5RU HP2NG IK0HBN JA7FVA K3JM N2MEE NW7M SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 4X6KJ A61BK AA4AK DK1NAL JH1IZR K0IL K2SD K3DFL K8SL N2ZZ NA5S VR2XYL W4DSM	177 4X6UU IW8CGX JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KD1AB KF4VTT NA6MG SM5CBM VK2AAH W0IKD W0JW W1AO W4KVS WD8KND YB1TJ	174 AA4UC AG4Q AG7N DF8FT DL5KUA HB9HVG JL6USD JR3TOE K5CR K9HQM K9UQN W5JMW W5WI WA4BIM WA4NUF WQ5T
187 EA5HM F4WDL IK8GJR N6NU N6VNI PP7LL W5ZE	183 IU0ICA JA2KSP JA3UNA JE4CIL K3HW K3SF K6LRN NA2U W2CG W3ML WF8R YB2TS	179 DL5MHQ JA3EEM JH1XFR JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV NO0B SP5ELW W0ZS W1HS	176 DL6NW F4FLF G4AYU JR1FHP K5DCW KK7YC KT8D LA4JGA LA7EIA N1JP N5FEE OZ9XU VE1VOX W4LEW	173 7L2QAD AB6CF AI9U DM6MA HB9DVZ K1ROA K5ZQ K6UNE K8JE LA9VBA N7HN N9DR NC7B NX2X
186 AF6PK I4UUL K5EWS K5QX K5RKS K5TN KC6X KK0DX N5QS W8RV WA5IPS	182 G3SBP I5FLN I8LWL JA6SQR			

OV5O	N4VN	WA0SXV	DL7JRD	BH4IGO
SM0EUI	N6EM	WA5NFC	EI6IZ	DJ7JC
W8QXR	N8VV		IZ0GVZ	DS3EXX
WA7BNG	NG9J	166	JE3FOR	EA2AGV
WY7FD	NX4TT	AC0DQ	JJ1JMZ	EA3HDZ
	VE1OP	AL7R	K0COM	HS8KAY
172	VE2YG	DL1SVA	K1XE	JR4CZM
EI1DG	W0OGH	GM7NZI	K6CF	N4BAF
JA1BON	WA4USA	HL4XM	K6GFJ	NP3CW
JK1JAS	YO4AUL	JG3KMT	KA1API	W4NBS
K5TA		JQ1PCX	KD8MQY	W8FN
LZ1XL	169	JR6GHN	KL7TS	
N3AO	DM3CW	K0KV	N2XQM	161
N5PA	JA1KXT	K7CTV	N7WI	HL3ERJ
N7GCO	JA3PRM	KN4FO	NA2P	JP7FSO
SP5ES	JE1PHH	KR4BD	PT7DX	K1BZ
TF3JB	K8ZZU	KW4J	S50B	K2OP
W1ASB	K9OT	SV2CLJ	SP7QHR	K4AR
YB4IR	KI2D	VA7DX	W6SIY	KM4A
	N5MT	W4PGC	W9CSX	N7QT
171	RD3BD	W8SAX		NA6XX
AA5N	SV1IZY	WA1ZIC	163	OK2ZDL
AD0K	W7VAS	WA5NOM	AA4OC	SM3PHM
AD3C	WA6QGH	WB3JFS	AI4QQ	W5BK
CT2GZE		YO3AIS	DS4NPL	W5RDW
DL5MM	168	ZL3RJ	EA1AZ	W6DOE
F9CI	A92IO	ZS6IR	F4CPF	W9GG
IK3GBG	EW1P		HA5BSW	
IZ0CKJ	JA0PZJ	165	JA0MRW	160
JA3AVO	JH1ORA	AG6HE	JA4GXS	E70T
JJ1BDX	JH3EQP	CU3HN	JR6LDE	EA1WH
JL1GYZ	JP1LRT	EI5JL	K0ABC	IK1ZNM
JS6QOM	K1VI	HL1VAU	K0CF	JA1ITJ
K2TV	K2SY	IK0XIH	K4GN	JA1UOA
K4WY	KF0RQ	JE4KCN	KE1B	JG2LGM
KB0V	LU8ADX	JE4WOK	KW4MM	JK1EBA
KC5LK	LX1CW	JF1KML	LA1CO	JR1CAD
KP4DKE	N4ST	JR1KBJ	N0AMI	K7LY
KW9U	N6MB	K3VPZ	N4KM	KC9K
N8WRL	OE1ALW	KG4CUY	N7KDT	KM4NS
NA6O	R4FAN	KG5NP	N9ATF	KO4PRE
ON6MX	SV1XV	LA2XPA	N9LEO	N0IW
W0MU	VR2MY	LB7ZG	R3IS	N4MEC
WA4DOU	WX0Z	N2RJ	SM7CZL	N5WA
WA5KBH		N3KS	VA2LC	N8IL
	167	PT2ND	VU2MSA	NI5F
170	JA8BOV	RA0BA	W1OK	W1TO
DL2JIM	KB8NTY	RL3BZ	W1XV	W9FF
EI5KO	KD3HN	VK3TC	W4PGM	WB8QZM
EI6AL	KE3X	W2FS	W8MIL	ZS6RJ
JA1GVT	KH6XT	WB2WPM	WA9IVH	
JK1BIB	N1ZJ	WB9PNU	XE2YWH	159
JQ1YIW	N4PL	WC4X	YO3DDZ	AA3AZ
K6EGF	N8JS		YO3IPR	CT1ESO
K6JJ	PT2ADM	164		DD0VE
K7CU	PY2SEX	AC4BT	162	EA1P
LA2GH	TF3VS	CT3DL	4F1OZ	IK0WMJ

JA0ED	EA3HPX	W8TM	JA2BUR	K9EXY
JA4FKO	GM3WIL	WA9MAG	K1QN	KM2E
K0IO	HB9HHH	WN7J	K4DET	KP4DS
K9QJ	HB9MXV		K7LAY	N0STL
KC4HN	JA1CCG	153	K9AAA	NE0U
LA8ZAA	JA2ODB	HB9BEM	KE4BKL	NU4Y
N1MD	JA9RT	HB9GWJ	KE8G	NZ0O
N4VG	JH2AJY	JA3UOQ	KK4CLY	PY8WW
NE5S	JL3DGI	JH2NWP	N7MB	RT0F
OT1A	KA9OKH	JR7MAZ	NU4I	TF3Y
VA3NXM	N4QM	K0SRL	SM0NUE	UA9MC
W1EBM	N5QZ	K4OY	VA3EJN	WA1EHK
WD5BJT	N7RD	K8ROK	VA3HP	WF7T
XE1MW	W1MR	K9MMS	W3HER	
		K9YZ	W5WLA	148
158	155	KF9LI	W6WA	4F3BZ
9J2BS	5P5Q	KK4XL	WA9JWL	A71AM
G4SGX	AB4GE	LA2IR	WC2C	IW5EIJ
HK3PJ	DK3QM	N0VVV		JA1IHD
IK3DVY	IV3TDM	N7NW	150	JF2AIJ
JJ1KXB	IZ2EWR	OH3DP	DK3BK	J13BFC
K4HQK	JA0EBV	OH3FVP	DK3FB	K5LY
K8GWU	K0PX	SP5NON	HB9EBM	K7STO
KB2XJ	K2DF	W3DIY	IK1UGX	KA3GWD
KF7NN	K4EZY	W8VK	IT9ABN	KD4EE
KJ7NO	K4SAF	WB4SON	IT9IPQ	LZ1MDU
N4XMX	K4WM		IZ0FUW	N0TK
N6MM	M0IFT	152	IZ2MHT	N3ND
N8TFD	N1QY	4O3A	JA6SUY	NJ6K
W0JMP	NF7D	AC6BW	JA7GZM	PY2CP
W6FL	NK7Z	BX5AA	JG1GJH	VE6TL
W8LIG	NO9E	DF2WF	K5HK	W4AG
WB2RAJ	OE1HHB	DU1KT	K9RT	W9MAK
WB9B	UT7EC	G0THF	K9UWY	
WB9ZNZ	W5SV	G4AFJ	KI7M	147
WT2P	YB1AYO	IK5BSC	N6JOJ	AB9KZ
		K0RAR	N8IK	EI3CTB
157	154	K2EK	N9IO	F6KOP
7N3IJT	AJ8B	K4RDU	OH3PYY	G3VQO
E20YLM	DS5WQT	KD2OV	ON6ZV	IS0/YO3RA
EI2JD	JA0GZZ	KE9S	SM0BSO	JA0JPD
GM4KHE	JA4HXF	NH6L	VU2NXM	JJ0LZQ
JA0NZR	JA8ANQ	NM1G	W3KB	JK1OTP
JA3MHA	JE6PJP	ON4LG	W4NE	K0PC
JE3OUW	JF3VEC	R9JX	WL7OU	K3GGN
KB7QFE	JH1AQN	W6RFF	ZS1C	K3GW
KM4HQE	JH1BHW	W7JET		K4NTO
KN7Y	JM1JZN	WA6EZV	149	K4TXJ
N4MI	JR3QHQ	YV4DYJ	7N2JZT	K5UZ
N6VH	JR7ILA		DS4DRE	KB9LIE
N9MB	K5DXR	151	ER0FEO	KX5U
PY1NS	KC1ERO	AB2E	JN4FNZ	SV8RX
W3HKK	KM2O	AD5MD	JS6SCC	W3NRJ
W4DTA	N7JB	AK9B	K2HT	W8OM
	NE5W	DF1IR	K2KIB	W9GM
156	VA3OKG	DL4KUG	K2RET	
DK8IZ	W4CIR	J68HZ	K8WHA	

146 AE5B HP3TA JA3KWZ JE1COB K6NR K8ARY K8POM KB9AIT KM8AM N6FS N6RK N9MR SM3DXC SP9IZV TF4M WA2MUA WA3SKQ WW8RT XE2B YB1BML ZS6UT	143 AA4MM AF3X EA4D HB9AAA JA1MOD JF2RSF K2OO K6LPO K7QBO K9BQL KE4FW KG6D KJ2U KJ4R KN7K LB2TG N2YBB N4GBK N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	W5GOL W6HDG WK9U 140 AA4DD AD9DX EI6JK EI7JZ I4JEE JG1RYQ JJ1OKK K0UBR K5GZR K6EV K7VC KB1HY KC3AK LA8PDA LZ2HM VE3NJC W5VU W9BS WB1ASL WB8EKG WW6G YB3MM	N3PV N9BVA OD5YA PV8ABC TA1PB W0UHL W4DWS WA5POK 137 AC5AA DL2RD G3PSM HL1MKT JA4DNC JH1SBE K2CDJ K2RKJ K4AU K6IRA K9BO KP4N N7VZ N9NFT NI4Y NU1T OE3JAG SM5CSS SP3EPG TA1AL W2GGY W2NY W4UEF W9MR WA0WOF WG0G WS1F 136 DM5JBN EA5KA G0OSK IS0EBO NT5EE ON5GF VE3FRR W0ANZ W4EJG W4GH W4IDX W4PV W7SX 135 AB4FH GM5YTT HZ1GW	JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM K2WJ K3HPA K3WGR K4OP N5RN N7TW NX8Y S53MJ W5IO W7QHE WB3AVD WB6FWS WB9IWN W05I 134 AB0RX AB1J DL4ZAB EA6AZ IZ8DEO JA6GXP JR0GXA JR1HYA K3KY K7FL K7YZO K9JDP K9SUH KA9JCP KD2SC KF5WCP KN4OK LB5GI N1AH N2TC N5JED N6XT NC6RJ PA0QRB SM3WMU W1DAR W2KNG W4UAT W5AAJ W7KKC WB1DX XE2AD 133 7J1ABD DL8OH
145 5T5PA AA5TL AC7JM AL7TC DL1MEV EA4S EA7LS EI7GY F1OBJ JH1CTV K5FXB KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q	142 JA1PUK JI1UHZ K2CJ K3GT K8MRT K9UO KA6BIM LA1J W4MA YO8CRU 141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF JR3PKO K2JK K4RM K5VG K9AAN KA5SYP KA5VFU NZ6N TF5B VE3FAC W1NA	139 F5VML HB9ARK HB9DTE HL4CBX K0QB K0YL K9TRV KX4I N0CKC N2SG N7NF R9MJ ZL3TE 138 DL5KUT DL5ZB G0FWX JA0CVC JA1PVX JA1VRY K2YSY K6CW KC9G KF6A KL7NW KU9S N0SL		
144 AD0TR DL6DCD G4FTC GM0VIT JK1NPH K1TKL K8OS N5UE NJ1Q RN0C UY2UZ W0AIH* WB9W				

G4NBS	131	EA1AHA	VE3EDY	WM4AA
GM1BSG	EI5GM	EI3IO	VU2TMP	WR2G
HB0WR	JH1IY	F4GTB	W0MF	
HK4EB	K0ARM	HL2DBP	WA2BOT	124
JA5IBP	K5SES	JH1AWJ	WB2KSP	AA5H
JM1JIV	K7GA	K6OJ		AF8C
K6ME	KA5IAU	K7PTC	126	DJ3EJ
K7YMG	NG4DX	K9YKL	CU7AJ	EC4KW
KC2STA	NN6K	KC2WUF	DS3EXT	EI8IQ
KG6WIK	W5EC	KD5R	EI4HH	G4RGK
KI4TZ		KG2U	IK4TVP	IT9YOZ
LA9KY	130	N0JR	IW7EDZ	IZ1UKF
N1KBK	AA4QE	PU4MMZ	JA5CDL	IZ5BYJ
OH4KRN	DL1SWN	R3BB	JA5XPD	J11DMH
OH7HM	JA2LMY	UR9IDX	JH4GXE	JM1LPN
V31CQ	JH3PRR	W0QD	K2GLS	K3SUI
VU2ABS	JL4BSE	W5MF	K5KDX	K6VVK
W1GY	K2MHE	W6IS	K7PO	K7HC
W1ITU	KN4JX	W8BI	K8GT	KB8DID
W3MF	N2YF	W8WV	K9QA	KC2NJ
W6OUL	N7TM	W9EBO	KC3RKW	KC4AA
W9SE	NS4F	WA4UWD	KC5RR	KD3UY
YO3GJC	OZ6TL	WC4V	KC9WPS	KD9ZR
	W1MO	WP4CQ	KK4CB	KK4TKJ
132	W9CTJ	WQ1H	KM4CQG	KV8P
AA4FU	WA7HR	ZS6AKU	KS4WA	N0YO
AK3E	WB8RFB		N5HC	N4LSJ
AK6I	YB2IQ	127	N8YQX	N5VBK
I8NLC	YO8PS	7Z1HL	N9XG	NT4K
IK8OZV		AG4TO	VE3TMG	W0DD
IZ0COI	129	DJ5DT	VK2DAG	W4BH
JA9KRO	AD6KQ	DL9GTB	VR2VGM	W6ELI
K1IG	AE7U	EA3NG	W8VI	W6ND
K4BNF	DS4EJA	EA4TX	W9COS	W8PAT
KB8KIM	JA0AVS	G8BCG	XE3E	WB1S
KE7BMG	JA1PLT	HB9TJG		WW5L
KG8OU	JA2ACI	HK6K	125	ZL3REX
KI7HO	JA3WMS	I2YPY	AC4XO	
KK5ID	JH1RFM	IK2ULM	EI8GS	123
M3DFW	JM1CMA	JA0BES	G4EHT	AB9BH
N3TR	JN1SUT	JE2VYM	IK8PGE	AE5FM
N4EDT	K7ORK	JF2OHQ	IZ8EYN	A15EG
N4QOG	K8RCT	JG1LRE	JH8FIH	DJ6OZ
NN3V	KB3IFH	JH1HRJ	JP1GVC	DS4DBF
ON6YH	KB4KBS	J11MNT	K5NOF	G6NHU
PY2OP	KN4WOJ	JR1LZK	K9ARZ	IK0XKP
SM7DXQ	N8BK	K7LFY	KK5J	IZ8LMA
UW7UA	N9AVC	KF3N	N7UJJ	JA1GLE
VU3WEW	PY3OG	KS8W	NA7RH	JA2HOL
W3KHZ	SM2YIP	LA2LI	NN6CH	JH1RVQ
W4MC	VK5CE	N0AB	SM5AFU	JL3RNZ
W5FL	W7TG	N0DL	W0XE	K0MD
WA1HXX	XE1ILI	N1BZ	W4AO	K2JGL
WA1KXV		N3GTG	W5CWQ	K10HA
ZS1EL	128	NA1RL	W6PG	KO8SCA
	A71XX	NT9F	WA1LAD	LA2XNA
	DL9SAD	ON5EQ	WA4TMJ	LX2SM

N6DVR	KU2A	YB0AZ	K0FF	JA0NPQ
N9RE	N3ER		K4AEH	JA1UBZ
OH3TY	N5ZY	119	K9LCR	JH8LEY
PY2ADR	NA2R	DL2VWR	KB2S	JJ2VLY
SV7CUD	NA4MM	F5BAR	KB5CSQ	K8CR
VE3VHH	NY4G	HL2MHU	KO4PY	KB4CRT
W2WGK	OZ6EI	JA6JYM	KP4ED	KB7V
W4UT	TA1L	K7LOL	KZ1X	KG4URP
W7FI	UA0FDX	K8EB	N5JEY	KV7N
WB8TGY	W2ARP	LU9DO	N8AGU	MM1PTT
WU7X	W3/NH7C	N1GNB	VE7NY	N0TR
WX3P	W3JXP	N8LCU	W3LWH	N7PIB
YB9WZJ	W4CC	ON8PHD	W3MRL	NE1RD
ZS6NK	W4KCM	SV1BYI	W4ARK	NG0G
	W5UQ	SV2KF	W4PG	NW6V
122	W7PC	VK7AP	WB9WHQ	OE5MPL
AA0BH	W9MB	W1ZK	YO6HOY	W4OV
AA5B	WA7HQD	W6ZPL		W5WS
AB5YI	WB7BBQ	W8EOG	116	WB4MM
DB4RG	WQ8T	ZL2AO	6K2ILX	WJ5K
G0HSA	WT3Q		AA0FT	WS4H
HC1HN	WU9D	118	EA5GXI	
JA9ALR		6K5AQY	EI4BZ	114
K0HQW	120	AC9GK	G8GHD	F6FHZ
K1AJ	AA2T	AE1T	IZ2CSX	G3CWW
K1EDG	AC4TO	AJ6X	JA2KPW	HC1HC
K3DQB	AE5LK	DJ9KM	JT1CO	I0BJV
K4VAC	AI2S	IZ0RPS	K4LCP	IZ0FYW
K9KJ	CT7ABD	IZ1JIZ	K8JRK	JA1CPU
KB4ET	CU2CE	JA6CMQ	K8MN	JA8EIA
KN9N	DS3DNT	JH3LCU	K9GWH	JG4OOU
N1ZZ	DS5QLJ	K9KJS	KB8ZUN	JM3XZC
N4GRC	F5AQB	KA5JSM	KC1RET	K2IRM
N9ATD	IK8IPL	KA9JAC	KD5RBU	K3PL
UT9LC	IT9JPS	KB3KJ	N0UCR	KB1W
W1ES	JA1DCO	KC2THY	N1GFV	KD2NF
W1HEO	JH5OTE	KD9BIE	N2ZL	KI8AE
W1KKG	JJ1XVA	KG5VK	N4KEB	N3DD
W5HNM	K9CHP	KX6C	N5EI	NA1DX
W6HB	KG4OJT	LZ1XZ	OE6CLD	NG8T
WA5YOM	KJ6Y	N3HYB	RW6MBC	NK5K
XE2MX	KK7BR	N8KUS	SM1NJC	W0LGQ
	LU3XX	VR2CC	VR2IL	W0QKL
121	N1TQP	W4AFB	VY2RU	W2ZK
AB4BJ	N3DV	WA7ZXD	W1HQ	W8LR
DL7UGO	N3GS	WA8RCK	W3IZ	WD0AJG
HA2EQD	N4UFP	WB5TOI	W9LU	WN0L
IK6BMU	NR2D	ZS2I	WA4VJK	WT9U
JA1CPN	PP2FN		WW5RC	XE1EE
JA1EYN	VE3QAA	117		YB2BNN
JA1WTO	VR2ZXP	AD7L	115	ZS4JAN
J15WDC	VU3RGB	CE3FZ	AA9WO	
K1LTJ	W1RG	F8EZE	AF7WM	113
K3CWF	W2FDM	IS0BZR	E74A	AB1NS
K9MQ	W5RYA	IZ7QFN	HB9MZI	AK0A
KK4ODQ	W6GJB	JA9KA	HL4RBR	DL2DCX
KO4DKI	WT5L	JM3GXU	IW2FLB	EA5DPL

EI2FG	KY6AA	JH1FRW	T88UW	EI5GSB
F5EOT	N0OK	JR2PAU	W3ATV	IC8XIL
F8GB	N2SO	JR4DHK	W3GP	JE1CTA
G0UII	N8AID	K3MSB	W4JDS	K1FUG
G4NAQ	NQ4A	K4KAL	W5SG	K2FJ
G4YCS	S51DV	K4RP	W7CB	K2ZD
HB9GZE	W3WN	K6DJ	W7VP	K3GO
IU8GNY	W4LLP	K6SLO		K4LQ
JA2CPD	W5GCX	K9TVG	108	K6DLB
JA4CSJ	WB2UFF	KF8PD	7M4CLF	K7UWR
JA5SEY	WD8LTM	KV3W	AC8MR	KA4LBD
JF1AZQ	WF4W	N1TQ	AC9DX	KB0EL
JH1GNU	WJ1B	N3YZ	DB9CR	KF2G
K1JKR	WN1M	N4NYY	DL1TPY	KF6XA
K2KNB	ZL3PAH	NZ7Q	DL2AMD	KJ4FZ
K4JDJ		OE6BME	DL2NAI	LU5OM
K4JLD	111	TF8GX	DM5TI	N0MHL
K4TR	AK4N	W1ZZ	DU1IVT	N1UZ
K5TU	EI9CN	W5JE	E70X	NI8Z
K5WRE	F8DZY	W6TCP	EA5XV	OV2B
K7BWC	G4ZWY	W7YED	G5CL	PP5VA
K7MO	HB9ECS	W8PE	IK1RKN	RM6LW
K9DUR	JA4DLF	W8TE	JA2DCN	SV3EXP
KB1OIQ	JA5EEU	W9GFB	JA2KGQ	TA1CQ
KB2TGU	JE1TNL	YB1SKR	JH1OVY	UX5XK
KC0V	K1RE	YO5QAW	K3XO	V31MD
LU3JVO	K2KYH	ZS5LEE	K4GHS	W1USN
NA9L	K5NV		K8LBT	W5HY
S52R	K8ZEE	109	KC8YG	W8JA
SV2DSJ	K9JIG	AA4RX	KE3ZT	WB2BXO
VA3AYA	KI2Y	AC8AZ	KE7AUB	WB2MKX
VK7ZE	KM5VI	AC8TO	KI4SFT	WC2L
W1FC	N0ATQ	AF3K	KJ2AM	WM4W
W3JM	NT5O	DL9QJ	KJ4SKO	WU1U
W6BBS	PT7CB	F8DHE	KO4XI	ZP6CW
W7CD	TA1UT	G0MMI	KW1X	
WB9YJE	TA2RC	JA5GOJ	LU2AH	106
	TA7AZC	JA9IWR	N2IFA	AB6WQ
	W7WT	JH4GNE	N5FPW	AC7DX
112	WB8PKK	J11IZS	N5TW	AC8IL
3C3CA	WU4B	K0FD	N7TP	DS2GOO
7Z1CQ	XE1ZTW	K4AEN	N9AZZ	EA3AGY
G0DTX		K6JAD	TF3MH	EW4DX
G3YFE	110	KA4AHU	VE7VV	F6JSZ
GM0SCA	AC0B	KB7DT	W4DVG	G0OJG
IK4EWN	AG5Z	M0AQM	W6CN	G0RPM
IS0BQE	AJ6V	M0MCV	W7SMW	G3LPS
JA4RED	CT7ANG	N4LS	WB5ZAM	HI7SB
JE2DOD	DK4MX	N4WD	WC4B	JA3AOP
JF3AHI	EA1BLA	N6RVI		JA3FRI
JH0LME	EI9HX	NN8L	107	JF7NNI
K0XM	G4VWI	NW6R	AB7RW	JG1XBM
K4HEB	G6MXL	NX1P	BG8PA	JJ1IRS
K4ZMV	HB9BEP	NZ3M	DJ5FZ	JO4JDU
K7RAN	HG6IA	PF7M	DK2GP	K6VWE
K8CJY	IZ1EPM	PV8DX	E73D	KA9TOX
K9KDS	JF3KOA	SP7ASZ	EA2BFM	KI0KN
KH6P				

KI4NSP	LA9JKA	VE3ZN	5W1SA	EA4UV
KM8V	LZ1JZ	VK3MB	AC0XY	EA8TZ
KR4U	N2YU	W0VU	AD7XG	G3VDB
KT5V	N9APK	W9GXR	DB2WD	G4GEE
M0PCB	N9IXD	WB7QXU	DL4FDM	HB9PUE
N4DJT	NC1M	WX0B	G4FVZ	IK2HLM
N6UOZ	NK7L	YB1BUL	IC8SQS	JA1KZP
N7MW	OH6IH	YO6HSU	IZ7QSS	JA5ALE
N9ZJ	PV8RR	ZS6HON	JH1IHG	JA5JUG
NG4C	TF1A		K1MDA	JK3NSD
NI7F	VU2DED	103	K2DH	K0GEO
NS7K	W1PY	AF8P	K2DW	K3AXB
PT2DF	WB8LEM	DS5JMG	K4HR	K3LA
PY2OC	WD4OHD	EA2RY	K6BLG	K5HX
UA0ABB	WK3A	EI4GNB	K6JAV	K8PGJ
VE3BHZ	WZ9B	EI9GLB	KA8HDE	K9GL
VE3NKS	YU1LD	FM4LV	KB1AWM	KB5YN
VE3XK	YV4EH	HB0RER	KO3F	KC3OPI
VU2MB		JA3MAT	N2CJN	KC4ZA
W0TLX	104	JF1KIG	N2FY	KD2RUY
W4/KL7GLL	7N4OBV	J11FXS	N4IR	KE9UA
W6KF	AA2WC	JP1KHY	N8KOJ	KJ5RC
W7GB	AA6XV	K0OOK	NA4D	KK6VGE
WA3IIA	CT3DZ	K1FBI	NN5O	KU4A
WA8Y	EA4EJP	K2RNY	R9GM	LA3ANA
WS7I	EI3HA	K3PIN	S51MA	M0PTZ
WV4E	F6ARS	K3TXW	SM0XG	M5LRO
ZL3RIK	FM5FJ	K4NI	US8ZAL	N3CAL
	G0DRM	K4PWS	VK2GR	N4PF
105	GW0ANA	K4SAW	W1GF	NC8I
AA2F	HA5DI	K6XJ	W1MRH	NJ2X
AI1W	HB9BMJ	K7HV	W4GHW	NZ1I
AP2IA	JA1CC	K9WMS	W5TMC	OZ5JQ
DL9GTK	JA1DHY	KA7CVJ	W7FS	PA3AIN
E29TGW	JA1RBY	KP4DDY	W7HJ	R2ARR
EI6GF	JH1MYJ	KQ6K	W7IMU	RZ6MJ
F5VIF	J14HKA	M0UPL	W9GWP	SV2BXA
G3LOJ	JQ2MPJ	N1MIE	WB4PWZ	SV4FFL
HL4GHT	K0BRO	NB3R	WB7QBS	TG9AKH
JA1JYS	K1TWF	NI5G	WD6T	UA4PK
JA1SZN	K2CQW	RX3BP	WD9IOK	VA2GA
JE6UWU	K4WW	VE7XT	WN9A	VK4BUI
JJ2BLV	K5JUC	W2SUB	XE1SAX	VU2OT
JK1AIA	K7UW	W4CU	YB0EIN	W0ZX
JK1AKA	K8WVA	W5IP	YB9AY	W2FDJ
K0MB	KE4YOG	W7KHZ	YO6BHN	W2GHD
K1EO	N1FOJ	W7UV	ZS2ACP	W2PD
K1ETA	N3PW	W8EH		W3RMS
K2GW	N4PAJ	WA6URY	101	W3SW
K5WE	N4ZR	WA8KNE	AA9D	W4PM
K6GCN	N8TEM	WC9C	AB2NI	W6OU
K7CMZ	N8WXQ	YB1ALL	AB4EJ	WB5KSD
K8FB	NA8W	ZL1IM	AB8YZ	WD4IXD
KJ8N	OM6CI		C31MF	WM5H
KK4MA	OZ9U	102	DD8BA	WU6K
KR0P	PY2YW	4X1VF	DD9WG	WX7B
KZ4EX	RV4LC	5H8HZ	DL3XAC	YB8HZ

YO2OXD	KA2F	W4YR
100	KA4H	W5PD
2E0XAR	KB6IGK	W5YKU
9M8DEN	KC5N	W6OZI
A41ZZ	KD0KZE	W9KM
A71EM	KD1DT	W9ZT
AA7UN	KE1IU	WA2ALY
AC0DH	KE8NOA	WA2VJL
AD4J	KF5MDZ	WA3UTC
AE4VJ	KF5TL	WA3YZD
AK1P	KG4IYS	WB0RXQ
AK4AO	KI0G	WB2ZEX
DB6VH	KI3O	WB4HMA
DC1TK	KI4PG	WB6RAB
DK1MCS	KK6MF	WB6RJH
DK7GH	KL2R	WD1M
DL3ANK	KL7XO	WD4GZW
DL5JH	KR4Q	WI0E
DS4GQR	M0NGN	WK7W
EA5PS	M1EMC	WM4D
EI4DQ	N0JX	WM9Q
EI4GJB	N0KM	WU1T
EW4A	N0VTZ	YB6LAY
F5JWH	N1KI	YE1AR
G0GFC	N3NVA	ZS6CR
G4PUQ	N4GOA	
G8GFF	N5CR	
G8GNI	N5LJL	
GW0KRL	N5LKE	
IK7NXU	N7WFK	
IZ4IRO	N7WR	
JE7KCI	N8HM	
JG0HEW	N8URE	
JG3LDD	N9MKC	
JG5VFK	ND0B	
JK8VMB	NE3K	
JN1RFY	NM4SH	
JR4VEV	NX6D	
K1HC	OM2AGN	
K1JX	OR4K	
K1PTF	OZ1GCT	
K2UF	OZ9GA	
K2UT	PV8AJ	
K3NO	PY5VC	
K3QB	R2AB	
K3RRR	UR8IDX	
K4GM	VA2EU	
K4KYN	VE1JF	
K4QS	VE3KKB	
K5LLA	VR2PX	
K5MMH	VU2OY	
K5PSN	W0PPA	
K5VSD	W0RMS	
K5YE	W2MW	
K7VL	W3KN	
K9EA	W4CG	
	W4DFU	