

ARRL DXCC - 30 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 23 Jul 2026, 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 DF3CB JA2VPO JE2URF K2TQC K5UR OH1XX OZ1LO SM3EVR SP5EWY W1NG W9ZR	G4BWP I4EAT* JA1UQP JA3FYC JA5AUC N2TK OH2BU OZ1BTE W1YY 344 GM3YTS N4CC PE5T SM3NRY SM6CVX SP9FKQ* VA3DX W0BV W3UR W8UVZ W9IXX 343 DJ2BW* EA8AK IK1GPG IK1WGX JA2JPA JH1GZE K0EU K3FN K3UA N4CH NN4T PA0WRS SP2FAX UT5UGR VE3EJ VE3XN	342 DL4MCF EA6NB G0JHC IK4WMA JA2FBY JA4LKB J14POR JR2KDN K0IEA K8SIX N3SL N4KG* R7LV RZ3AM SM6CCO SP3EPK SP8AJK W1MK 341 AD5A CT1EEB F6AOJ GM3POI JA0UUA JF3KON JQ3DUE JR7VHZ K1ST K5RK K9QVB* N0XA N6JV OZ3PZ PA3FQA PY2XB R5AJ RA7A RU3FM SM5AQD SP3E	UA4CC UA4HBW UT7QF W0DJC W3LPL WB6RSE YU1FW 340 AA7A DF3GY DJ2YA DK5WL DL7MAE EA6SX F5NTV F6DAY G3TXF I4LCK IK6DLK JA7KY JA7MSQ JE1SYN JG3QZN JH4UYB JR3GWZ JR3IIR K5NA* LZ2DF N1DG N3XX N8DX OE5NNN OK1MP* PA7MM R3OK SM5CEU SM5DJZ* SP7GAQ 339 EA5BM	EU7A IK5HHA IK5PWQ JA5IU JF1WPB JH2FXK JH2UVL JL1UXH KV7K N4JJ* N5ZM OE3GCU OK3GU R4GM SM4EMO SM6DHU SP6CIK UA3AB WK3N YO5BRZ 338 AA1V AG9S EY8MM F6BKI G3RTE GM3GAV HB9BGV HB9BZA I4AVG IK4DRY IK8HJC JA2JW JA5EXW JA8EAT JF7XKY JI8DGO K2FF K4XP K4ZYU K9NU
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N4JF	SP1S	JA1SJV	JI2KXK	327
N8JV		JR3OEH	JN1BMX	DF2RG
N9IW	335	K7NN	JO7WXN	DF2UU
OH1TV	IK4DRR	K8ZTT	JR4OZR	DL6KR
RA3CQ	JA1EOD	ON4IQ	K3KO*	E72A
SM6DHF	JA2FJP	ON4IZ	K4QL	EA5RM
SP8NR	JH1RFR	OZ4O	K5DU	IK4BHO
UA6A	JH3CUL	RV3LO	K9MM	JH1NYM
W2YC	K4MWB	RW3RN	NI0G	K0CA*
WD5COV	N2LT	UR0MC	OE1WEU	K3RA
	N4XM		ON4AOI	KX4R
337	OE2LCM	332	RU3QR	N4QS
DL1AMQ	R7DX	HB9HFN	SM5CZQ	N5XZ
G3XTT	SM4DDE	IK4GME	VE3LYC	SM3NXS
HB9AMO	UA6MF	JA1ADN	W4UM	SP1JRF
HB9BIN	UT9FJ	JA1ANR	W8OI	SP6HEQ
JA2VQF	UX1UA	JA3PIS	W9OP	SP7VC
JA2XYO	VE2TZT	JA8RJE	W9RPM	UX4UA*
JA4FKX	W4DKS	JJ3PRT		W1GL
JA9APS	W4PK	K1AR	329	WA2VYA
JF1KKV	W5ZN	N7RT	EA3GP	WA5VGI
JF2UPM	WI8A	OH2BLD	G0DQS	
JH1TWT	YO3APJ	PY2SP	JF2XGF	326
JH8RZJ		SV8CS	JR2UBS	AC4G
JJ2LPV	334	W3NO	K1HTV	AD1C
K5KC	CT1APE	YO9HP	K2UU	DL1DUO
KD5M	DJ8NK		K4UTE	EA4KD
NJ6P	DL5DSM	331	K9EU	IZ0AEG
NO8D	G4CCZ	JE2LUN	K9IR	JA0NPQ
OE6IMD	G4PWA	JL1RUC	N5AW	JA1JAT
OZ1CTK	I2XIP	K1OA	N8RR	JR1BAS
R3VA	I4EWH	K5EK	NI6T	JR1BLX
SM5KNV	IV3JVJ	K7ZA	OH5VT	JS2LHI
SM6CMU	JA0GJJ	K9CT	PY2BW	K4CN
SP9DWT	JA5AQC	N5UR	SP2BMX	K4HB
WB9Z	JA6BZI	OE6MDF	SP6M	K4SO
	JA8BNP	PY2YP	W1RM	K6AM
336	JH4ADV	PY5EG	W2LO	LA5LJA
EI7BA	K6FG	S54E	WA7NB	R8TX
G4OBK	K8PT	SP3CGK		R9FM
HB9DHK	N0AT	UA3DPM	328	SM6BZV
JA0EOK	N3NT	UT7UJ	AA5AM	UA3AP
JA1BK	SL0ZG	VE3FF	DJ5AV	VE1YX
JA1XEC	SP5DIR	W1TSP	DK5AD	W3LL
JA2DPC	SV1FJA	W2IRT	DL2OE	W6RLL
JA5MHD	SV1RK	W3GH*	F2JD	W7AO
JA7JWF	UY5ZZ	W5OZI	IK2YCW	
JF1PUW	VA5DX	YB5QZ	JA1SYY	325
JJ1DHY	WA4FFW	YO7LCB	JH0INP	AA1QD
K4XO		YV1DIG	JJ3HGJ	DJ9HX
LA5HE	333		K5BG	F5CQ
LA5IIA	AA6YQ	330	N4NX	HB9DDO
N4MM	CT1IUA	JA2BDR	N9US	JA2JNA
NR1R	DF4PL	JA3EMU	PY4OY	JA2ZL
OH1MA	DK2NG	JE7JDL	UT2UB	JA4DLP
ON4CD	F6EXV	JG3LGD	UX0FF	JA9FAI
SM3VAC	GM3PPE	JH4JNG		JH1IFS

JR7WFC	RM0F	W5XC	SP7HOV	316
K3WC	SP1MGM		UN6T	AA5AT
KW9A	SV1DPI	320	UN7JX	CT4NH
LA8PT	W0MHK	AA4V*	UR5IKN	EA7TV
N2NL	W3KX	AA5AU	W8HW	EC3A
NY0V	W4FC	DJ5FI	WB4TDH	IK2QPR
OE1ZL	W9RN	EW2A	WB8BPU	IZ8FFA
SM5FUG	WX4G	FK8CP	WJ4T*	JA0DIN
SP9JZU		HA9PP	XE2CQ	JA1IOA
UA4LY	322	JA1FQI		JA5WIZ
US5WE	AA8CH	JA3GN	318	K0KVR
VE3EXY	EA2IA	JA4EPE	AA4R	K2VV
W1DIG	G0OIL	JA5BEN	AB3CV	K5WAF
YU3AA	I4MKN	JE2EHP	DJ4PI	LA9AJA
	IW1ARB	JN1RQV	I1EIS	MM0EAX
324	IZ8FWN	K4HGX	I1FQH	N4TL
DK1FW	JA1GRM	K5MC	IK8YTA	OE1AZS
DM5EE	JA1SVP	K6XT	JA0DET	PY7DJ
I3BUI	JF8QNF	K7XB	JA1WSK	RA1QD
JA2CXF	K2UO	KC6AWX*	JA2NDQ	SV1JG
JA2EPW	K5AQ	KW4MM	JA9NLE	W6RS
JA2IVK	K8EUR	LA7JO	JE8CLT	W9AJ
JA5XAE	KC7V	LU3CQ	JG1WSC	WA1JMP
JA7LGE	KQ8M	N8TR	JH7RXU	
JH1EEB	N1NK	NS6C	JJ1DWT	315
JM1FHL	N8BM*	R7NW	K2SHZ	9H1SP
K2PLF*	NE1B	UR5WA	K9YY	AA1ON
MD0CCE	OE3EVA	W1YM	N0RR	G5LP
N4II	R7FK*	W5BPT	N7XR	HL2IFR
N7RO	SP5IWA	W7CT	OE8RT	JA1XCZ
NK1K	UA3AGW		RX3AGD	JA9GLW
OZ1AXG	VE1DX	319	SV1CNS	JE2LPC
RA3QK	W7MO	AJ6T	UR5EDX	JG3SKK
RN3QN		DL5WW	W5FKX	JH1HHC
SP3IBS	321	DL6CNG	W5XX	JK1EXO
UY5AA	AB6QM	G3LZQ	W6VX	JS3CTQ
W7DO	EA1N	HB9SLO	W9MU	K8NVR
W8GC	EA5BY	JA1IZZ		K9ZO
	F6FXU	JA2WYN	317	N2BJ
323	HA1RB	JA9CWJ	9A2F	N5TY*
DJ4AX	HK3W	JG8FWH	HB0CC	N7IR
DL4CF	I2EOW	JR2LJO	JA2ATE	VK3HJ
HL3IUA	IZ1LBG	K1LD	JA2TBS	W5TCX
I0WDX	JA6VQA	K2TE	K3PA	W6XA
JA0CRI	JA9TWN	K5XI	K6ND	W8DCH
JA7QVI	JF2WGN	K6KLY	K9NW	WP4U
JH3VNC	K0KT	K6YUI	K9RX	WT8C
K0KX	K2RW	KA9CFD	KG8P	
K3WA	KG4W	KF0QR	NN4R	314
K4IQJ	N4PQX	KG7H	PY2KP	AA4HP
K7ZV	N5DG	KZ4V	PY5EW	AB4IQ
K9US	N9AU*	LU8EKC	R6AF	DJ6TF
LA5YJ	OE5RLM	N4DB	RA0FF	EI9JF
LA7AFA	OH1LEU	OE3SGU	UA6YW	GM3YOR
LA7HJA	PY2XU	PA3EWP	W1ECT	IU7QBB
N5OK	SM2OAN	PA5TT	W7OM	JA2VMU
PY5HOT	VE7IG*	RL3FA		JA9GPG

JH3GCN K8FL LA3WAA UA9FAR W6XK	JH4ALY JH4HMG JR1DUP K0JUH K8VFF K9MK N4JQQ R9SA RN3OG S57AT W2QO W6NWS W6SZN	JA2XCR JA6WJL JA9FPI JE6TSP K1USA K3WW K6SIK LA9VFA N5GH N5ZC N7US SM4AZQ SP7ITB W5ADD W7BEM W9ILY	YO2RR 305 CT1GFK DL5CW F3SG F4BKV HA7TM I4KDJ IZ0RVI IZ3ENH IZ5JMZ JA2XW K4SE K6FW KP2A N2TN N4DW N7TY N8DJX W4GF XE1KK ZS2DL 304 9A4T DK3WW HB9CEX HL2WA IT9DAA JA3ENN JH0BQX K5PS K8AC K9FN LZ2JE N6RV NA5C NU8Z SP8HKT W5LT WA1S 303 DF2GH DK8MCT DM2DXA EI2GLB JA2VHO JA7IC JA8EJO JA8ZO JJ1SKG K5WK LA3MHA ND0N PE1L	W7YAQ 302 AD6W JA1DDZ JA1FGB JA2FGL JA5BGA JE3ENP JK1GOK JL1OEC JR6FC K4EM OH8LXT WO7R 301 EA3WD EU1KY IZ8VYU JK1UNZ JR6LLN K1DT KD0PO KM4H N9FN SV2AEL SV3DCX W6TC ZL3JT 300 AD5Q G0EHO JA1NWD JA8BAR K6RO K8RRT KU0A N4QQ N8OC ON5UE SM6CTQ UN7LZ VE3BW W8TN WB9CIF YO2CMI ZS4TX 299 CT1FCX CU2DX IW0HQE IZ8XQC JA1BPA JF1LZQ
313 AB9V AI9L DL1KUR E72U EA8AKN EI6FR IK0PEA IK0XBX IK4PLW IZ2AMW JA4MRL JG4AKL K4JJW K4UEE* K8YTO RK4FD SV1GYG W2LK WB5JID WN6W ZL2IFB ZS6EZ	310 DL2CHN DL7BA DL9TJ HB9RG JA2AH K5ZK K8GG KB0EO LB8DC N8PW SM6CUK UA3TT W8AV ZS1LS 309 7K1PTT DL5EBE G4XRV IK5MDF JH1BNC JH3FUK JK1BSM JR7FRW K2PK LB2TB N4RWG R9TO RA9CMO RU3DX UN7TW VU2NKS W2GG W4QN W6SR W8HC WE7K WE9R 308 CT1FMX JA1LSP	307 5B4MF DJ4XA F5LVL IV3YYK JA9NFO JE1LFX JG0CQK KB1JZU PA7RA PY2NQ RW4NN RX4HZ SM0CCM W5ODD W5VY W7AL WB0TEV WB9EEE 306 A45XR A65BR DL1HRN EA6VQ EV1R F5PAC G4GIR JH8GEU K1GG KF7PG KI4DLS KN5O N4AH ON6AA UW2ZM W1SKU W2JU W6ENZ W6YI		
312 DK9KX DL4SZB EA1YO IK5CBE IZ5EKV JA0GCI JA3AZD JA4ITW JE2DZC JR8AMF K6TA* K8GI LA2QM R0FA S55DX W5AJ 311 DJ9ZB DL6JZ E73Y G0BLB JA1KQX JA7BWT JE1DXC JG3FEA				

JK1TCV K7EG N1IBM NV9L UA3ECJ UT7UV W7ZJ ZL1BYZ	295 CU2AP DL9FCY DS1JFY G3VPW JA2QXP JE1BMJ JH1OBS K3FRK N5ORT SM7CQY WA3C WA9PIE WO2T	HP2AT JA3BXF JN3SAC KA7T KI0KB W3RJW WS9V XE2X	LA9FFA LB5WB ON4CAS OZ1LCG VE3EK	K0TT K4MS K8DV KD0Q NF1G NN4SS VE3VHB W5CIA
298 AA8OY G3VKW HA5VZ HB9TKS IK0HFO JA0LFV JL2PQV JN7DOS KB8VAO N5LZ UA0BA	294 EA5KA HB9DDZ HB9LCW HL4CJG IK2DJV IK2OVC JE2OVG K1ESE K2LS K3NK K4XD K5RT KI5BLU KS1J RN9N W1YW W4WM W7CA YS1RR	291 9K2OD HB9RYZ JA0DWY JA1RTX JA4VLK JA5SUD JP1IOF JR3UIC K6EME K7UA K7ZD LA0FA SM5JE* W4FQT W4HG W6RW	287 AA6AA EA6ET G3KWK HL3AMO HS1NGR IZ3ETU JA7QFU JA7ZP JH1QAX K2AZ K8WK RQ3A SP6EIY SV1IW	284 IZ8FDH JA2FBC JA2FCZ JA9AGN JH7BKN K3UL K6PJ N0RB N2LM N4LR NT0V* SM4BZH SV2DGH W1LW W8LGJ WD4LBR
297 HB9IQB IZ8DFO JA6TMU JA8DNV JA9IFF K0BBC K5UO K5VIP LA2PA LB6KC N3RC NA5DX NQ1K SK3PY VE6LB W0EWM* WA6F	293 DS5TOS HK1MW HL3GOB IK0LNN IZ5RVG JH1BAM JH9AUB K2KA K8ROX NW7E OE8SPW OH1ZK OH2IS PY2IQ RA5BM SK7AX W3JX	290 CT3MD DF2IS IV3KFB JA3XNH JF1NZW JH4GJR KA8ZPE OE2BZL PY2VA VK3BDX VU2PTT W6PJ	286 CT1FPQ EW1KP G3WPH HA7UW IK4AUY JA0AOO JA1VLK JA5FDJ JE2UFF JF6XQJ JH0OXS JH1RGG JJ1QUV JM1SZY K8QM KM1D KR0P N3VA N9ISN SM0NJO W8JRK W8MET WO2N ZL4TT	283 AF9H G3SVD HB9BUN IK4ADE IK8EPC IZ4MJP JA1SKE JA7LMZ JA8EOT JA8UIV JH2PWY JH4ADK JK1OPL JR4LNG JR7GBL K1BD K4ZO K5VWW N5UL N6PSE PC3T SM4CTI SM6BGG W3OA WF2S
296 4Z4DX I6FLD JE1PNX JG1OGM JR1WCT JR9LKE K4CMS N1EN OE5FIN W2AY W4VIC W5ZG YB1UUN ZS6WB*	292 CT1DKS	289 5B4AHJ DJ5JH DK2JX DL1TRK HB9CQK IZ5BAM KA8SYV N7BT OE1WHC SM7IUN W1OPD	285 9A1AD DL4CW I5CRL IK0AGU JA8FFM JE2EBT JF1IRW JH1DGQ	282 7M4AOE AA7G

IK0HBN	JA3RQ	N5KM	JJ2WOC	JQ1YIW
IK5RUN	JF0JYR	SA0AQT	JM1VRW	K4JC
JA1MZL	JF1LMB	SV1VS	K0KG	KJ7TEA
JF1RYU	JH1AGU	W2TB	K9SM	N3QE
JH1AJT*	JH8NBj	W8MHW	LU6ETB	N9DED
K0GY	JP1NWZ	WA4LOX	N6HY	NA5Q
K1LPS	K0VSH	WA5LFD	N8KOL	NT5V
K9OR	K4VIG		NA9RB	VE6AX
KZ5DX	N6IE	275	SM7NDX	W3BW
N2JJ	PY2DS	9A4W	SV9AHZ	W4LSC*
N6MZ	SM3LGO	EA1AF	UA0FO	W5PF
W1ZT	US0YA	HL3DE	W0JM	WL7E
W8KEN	W0TT	I2VGW	W4GE	WW3S
W9PZT	W5SL	JA3EOP		
	W9FI	JA7HRM	271	268
281	278	JE2VLG	BH4QYX	DS5DNO
CT1BWU	AA4SC	JH1APK	DJ9ON	F5UJK
IW0SAF	AB5A	J11NJC	G3NDC	FG5FR
JA5NPV	EW1BA	JK7LXU	HB9BYQ	HB9JOE
JF3LOP	JE8TGI	K0JY	IW0HOU	IZ8IEV
JF3PNQ	JJ1TKN	N1SV	JA0LXP	JA7GYP
JH1ACA	K2UR	N6HC	JA1DM*	K8BL
JL1XMN	K8TL	N7QT	JA6QHq	K9ZM
K0BJ	KL0S	PY2MC	JM2RUV	N0ABA
KG6I	NX0I	274	K9JF	UA3O
OH1JP	SM5CBM	DK2GZ	PA3CSR	W3AP
RW7M	W0LS	JA0KJE	SM5CLE	W5DAW
SM5AOG	W0VX	JA1CZI	W7QDM	W8OP
SP6JIU	W1VT	JH1IED	W9OO	WA0MHJ
W1YIF	W4WT	K1UU	ZL4AS	WA4JQS
W4MAY	WA0I	K8FH		
W6DR		KD2T	270	267
	277	KF2DT	I0JBL	EA3GHZ
280	4Z5LX	KS4S	JA2IYJ	HL2KV
CT1EAV	F3AT	WB2GAI	JA3KNN	JH1DGJ
EA3CJ	HB9BAT		JE2RDO	K4RG
I5HOR	KQ4AV	273	JH6DUL	KJ6P
IV3GOW	KU4XO	DM1TT	JP7FSO	LA8HGA
JJ2KDZ	N7KA	JA3FHL	K0TPP	N4UOZ
JN1NBU	N8SNM	JF2VAX	K4FJ	N6UK
K1CA	OH4UI	K3EA	K8CW	OM4EX
K8OM	SV1FJP	K4JAF	KA1ERL	VK5GR
N9RS	VA7ZT	K5FZ	N9RD	W2XI
NN4X	W2NO	KB1EFS	W2GW	XE1MEX
W0RX	W8RLS	N6PM	W3GQ	
W1BR	YL2KF	OZ7FOC	W4BP	266
W2OO		W3ABT	WA3AFS	DM2RM
W4OX	276	WA0RVK		HB9DVZ
W9JJB	GM0AXY		269	JA1FJJ
	JM1GHT	272	AA9A	JE1PHH
279	K1RO	DL7UPN	CT3KN	JH0RVY
DS5ACV	K7GM	G8DX	DJ9RR	JH8KFE
EA7SG	K9OW	HB9DOT	F6ECI	JK1VXE
F5PBM	KD3CQ	IK2RPE	IV3TMM	JL2JVX
I0OSI	LA9GX	JA6GIJ	JA8XQI	KB6CIO
IT9CVO	LY1G	J11CQA	JH1VUO	KG9Z
JA2JRG			JJ1BMB	N2WB

W2OIB
W8FIB
WA4CEM
WD0DAN

265

AA8R
DL1SMA
F6DBX
G8AJM
JA2FSM
JA3QOS
K2UFM
K5CD
N2NS
N4HB
N5MOA
N9BX
N9JV
N9UA
OH7TV
W1KSZ
W5JAY
W7MEM

264

AA8LL
AB5C
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IK2PZC
IK8GJR
IV3VBM
JA3WLN
JH1SJN
K3VAT
KH6M
RM3DA
W1SSN
W4LEW
W5VQ
W9YE
WB8K

263

F9XL
HB9CXZ
HL2EIZ
IK1IYU
JA9AA
JO4CFV
K1KA
K2XF
K3SEW
LA6UL
N0RN
NZ3O
UN3GX

UN9L
W8WEJ
ZS2EZ

262

4X6ZK
DK1WB
DL6XK
JA1OVF
JA3NHL
JA8CJY
K3XA
PY2WC
SP6A
SV8CKM
SV9COL
UN3G
W5ZPA
WB8ZRL

261

AC9EM
DF7EE
EA5CRC
GU0SUP
HL2CFY
JA1XPQ
K4KGG
K8UT
K9GWH
KI4GE
N7ELL
N8LJ
S55ZZ
SM5FQQ
VK3NX
VK3TC
W4UCK
W6BJH
W6TMD

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DS4AOW
EU1U
G4IUF
JA0KJD
JA4HAW
JA4ZA
JE3EDJ
JG3RWX
K5IB
N4XP
NI5F
NK0S
W5GAI
W9BEA

259

AG1A
JH1ERJ
JH1NYN
JH5HDA
K0GD
K1NTR
K5FNQ
K9MBQ
KB2FCV
LA5SJA
LU4FPZ
N4ENE
N5JB
N8HRZ
NJ3K
NK4L
PA0JSE
RA4P
TZ4AM
UT7KF
W0IZ
W2WG

258

AI6Z
EA5RD
EI9FBB
HL4GAV
IK3SWB
JA1KPH
JH1SOD
JH1WJR
JH3SIF
K4JKB
KE1F
KH2L
KK2M
KR4F
N1RR
PY2FN
W7HR
W8IQ
WS5W

257

CT1FUH
EA8AXT
HB9MFM
JA1EMQ
JA6BEE
KY6R
N4GN
W2OR
WA2NPD
YB2TX
YL2TW

256

DJ7ZG
HK4SAN
JA6GPR
JH8MZF
K2NV
K4OY
K6BV
K7KB
K9TF
N2ZA
N4TJ
N4TOL
N4TV
NE6I
SV1ACK
UR3EO
W0HBH
W5DM
W5GZ
W5ZO

255

DJ4GJ
DS3HWS
HB9EFK
K2SN
OM8FR
SV1FKZ
W0SZ
W8LMG
W9JA
YB0COU

254

CT1BH
EA2AFV
F4GVO
HI8R
IK5BOH/2
IK8VRH
JE0ART
JH0AWC
JH3FHQ
JH6PFY
K7LJ
KJ6NZ
LU5FF
SV1HEP
VK4CAG
W5QM
W9DX

253

4F2KWT
AA3LX
DL9GTB

F5JSD
FG4NO
HI3T
IZ2EWR
JA1HOM
JA1OVD
JH0NOS
K1KO
K4WM
K5DHY
K9YC
N4PJ
ND4X
SM7BHH
VE3CRG
W0FLS
W4IS
W7IB
W8BBQ
W8GNM
WV9L

252

AB4UF
G3UAS
JR1MLU
K0DD
KD6UO
KF9UG
N8NN
SM7GIB
VE3CFK
WA6JA
YB0DJ

251

4Z1UF
AE5E
CT3HF
DH0GSU
E21EIC
EI2CN
IS0AFM
IW3GJF
IZ8GGF
JA1IAZ
JH7WQX
JR7MAZ
KT2C
LA6OP
ON6KE
RA3QUA
RN3CT
W2/CT1GIF
W9HBH
W9MO
WQ5R

250 AA4U JH1IAQ JR1IZM K4WNW N4JT N9JR NA9Q NJ7G PA7TWO RU0SN W2JLK W4AG W6JZ WA3F	IK6OIN JJ6DGP JS6TWW K9OT KK1W LB7ZG N5QS NG7M SP5ES W8IW W9EWZ WA8WV WB8CQV XE2D	K6ZP KS4YT N4HID N4OA PZ5RA SM2GCQ VE7BV W7LGG W8UV WD9DZV ZS1A	NA2M* OZ5HP WI8R	KE4UW KO8SCA KT1J KX4TT N4AL N6KZ NA2AA NO0B RC2A SM5ARL SM5FWW WA2USA WB2BIN
249 9M6YBG DK3UA JE1VTZ K2HAT K4ST K9NR KA1J KJ7M KK0M KN4PPD OE2GEN ON6YH PY2GG W3ICM W7AH W7CD W8UN W9CSX	246 JE1HRC K1SM M0CSD NH6T/W4 VE6TL W9LN	242 AA0MZ BA4MY DK3PZ HB9DQV JA3MHA JG1SWM K6MKF K8AJS KL7TC N1CGP N6PEQ WA9GON WQ6Q XE1H	239 AF4HX DL2RUM IZ0BVU JA1QXC JH1UBK KC6X KW4V N5BO NA4EA NU4I VU2CPL W4GIW WB0O	235 CT1DOF DK2CC EC1A JA4DHN K0MN* K2TER LA2XPA N1BZ OZ0J S54A W6AEA WA3WZR WA8MCD
248 G4XEE JH1SBE JP1LRT JR1VAY JR7XOD K4PB K8EAB N2DPF N4PYI OH3OJ SP1DSZ VE1JBC W2KA W6HDG W8CZN WB8ART WC3W	245 AA4A BA7IO BH4IGO EA3EQT F5NBX K3VAR KV4T NY2NY UA9FFV W2FV W5RF W6AER	241 9A5F EA5GPQ HL5BMX IK7FPV JA0MRW JA8WGX JR7ILA N9XX WP4EJH XE1RBV	238 6K5YIA DH2PC K1BZ K1NJ KQ3F N7WO SV8DOU W2LE W3BNN W5DNT W6DE W6YOO WA6G	234 I2MQP* I8MTQ IK1UGX JH1OGT JI1WLL JJ1KZZ JK1AJX K2FW KC6JAM KM4HQE KR6C N7WS NE3F SP7ICE VK6OZ VU24DX W1WC W5PJR WT4Q WV4TN*
247 HA5PT	244 DJ3XG IK2RZP JA4SSM JF2OZH K1DJ K2RU K6ZZ K8ME LA7QI RT5A W7HPW W7IU W8MJ WA3I YB1RUS	240 AB0CT AC4VM AF5CC AJ8B CU3EQ DL2RTL IZ5MOQ JH2VVH K3NQ K4YJ K4YYL K8NK K9JU KS3F LA2GH N4IQ	237 DL2AYK FG8OJ G4PUQ IK2DZN JH1FVE K1RV K4KAY OZ1IKY S51NM W1EQ WB3JFS WV6E	236 AB1J AB4SF IK0WMJ IZ0NRG JA0PE JA6CBG K1FEV KE1VT
	243 GW4BKG JR0QFA			233 AE0P AL7TC EI6IZ EW1P HB9IIO

J16IHG K0CS K1MAA* KI1U NF4A ON4ATW W0GG WA9BZW	N9KW TA1CM VE3SKX WA4DOU WE1P ZS6NJ	PP7LL UR5FEO W4ABW W4RDX W7SX WB7B WE4S	N2NW N3KV SM0MPV W2DXE W2NRA W6SFK W8BLA WA3FRP WA3GNW YB1AR YO9FNP	220 7K1CPT 7L2QAD AA4UC AA8SW F6HLC HB9HVG JA4FM K0NV K3PU K4JUJ KF7F N3KN N4AOE VU2LBW W5LO W5RYA WB2KSK WB7BBQ
232 7K3QPL AA9RR I8LWL IT9AAI JA7KE JA8LRG JH1FNU JH3GFA JI3CJP JO4JDU K4HQK N2SQW SP6AXW VE3YF W6RKC	229 AA9GR DK8IZ HB9KNY I0MWI IK0CHU JA3UNA JA4MMO JA7MNF JP1GUW K7LV LB2HG N6PAT OH8NW RD3BD W1OP WI7P WV2I	226 9K2GS DL4NBE DL5XL EI2HY G3WW HC1BI IK4MSV IT9ODQ JA6OXT K0GW KA9UVY LZ2XF N4SC ND3L SM5CZK UA0FDX W3SB W7JY* WV8DX	223 AG7N HA5BSW IK8UHA JR3ADB K4ZRJ K6TAR N0STL N4XYZ SP5MXZ SV1CQN VU2MSA W4SK WO5I	219 CT1BWW G0VXE K4VNY K5JZ K6UNE K9UWY KF6HI KI4WCQ MU0FAL N4PL N5ET
231 DF2UA E70T EI3IO JA9RT JF1WLK JH4CBM K1ZJA K2CBI K3OX K4MF KK9H N4HN OH1TSM W2PP W3FOX WD8PKF WK8A	228 EA1RT HL5OC JA0CIU JG1DUZ JH1RVQ JR3VMJ K1RH NU1O NV4B PY5CC UX5UO W1TO W5GA WB0N YB1TQL	225 4X4MF G3SBP HB9HIT IZ0GYP IZ2FOS JA1QIW JH8UQJ JK1JAS K0THN N0KV N9PGG SV3AQR W0QQ W9YSX WN6K ZS6UT	222 I8YAV K5VR K9GA KG4CUY KJ4R KK4OW N6WT NY6C OH2LHE W3MR W8CD WW8RT	218 EA1JO IK3DVY K1JIU K2BA K3SX K7UT K8CQ* KC2SST W5JMW WA5NFC ZL3PAH
230 EA2AGV EA5BRE IK2ANI JA2NNF JR5JAQ K1LT K4WFM K9ALP KB9DAK KK0DX KV4AA	227 AD8P* EI8IU IZ7AUH IZ8MBW JA1JYE JO1LVZ JR1EFG K3WWT K9SG KK4OK KM6HB N1JP PP1CZ	224 IK2GAJ IK2UWA JA1NLX JA2MNB JF1KML JJ1JMZ K8QKY KR2Q KV1E	221 AA4FL DK7YY JK1DDG JM1ESG K0AZ K5UZ KA4RRU N7NG PA0ZH SM3PHM SM5BMB VR2CH W6KK WF8R YO2DFA	217 AA4AK DH3KM DL2NOM EW4C G4FKA I1YDT JA7FAS JE1GWO N1MD N6QI

NA5Z SP5ELW VE1DUN W0AIH* WA7BNG	N5WA N9SF RA0BA RT0F W2RIJ W3WH WC4X WP4CQ XE1J*	VK3FM W2CG	W0OGH WA6TLA	202 CT3DL DJ8NT EU1M HB9CRV IK0UTM IZ0FYW IZ4DIW JE4FNC K1ACL K3XO K4GO K6SRZ NK7Z NW7US RX3BP VU2IBI WA6URY
216 7M4CLF AH0U JE2KSM K6EID KX2A N3OC W8HMK WB2FUV	212 HB9AWS JH7IQQ K0KP K1JD K3JM KD3HN KU8X KZ1W N6NU N8NA NN2D W5THT WA1PMA YV5LI ZS2Y	209 BV1EK DL6UNF DL7JRD G3XLF IW8CGX K4GK RA3BL UR9IDX W1DYJ WB5STU YB2DX	205 AD3C AE5FM EI5GSB G4NBS JA4GXS JA5AFW JA7DPC JF2TJJ JH3FCF JR0AMD NW7M W0RSP W4UEF WC2K	201 AC6BW AJ8MH IW0BYL JA3LDH JS6QOM K0ABC K1PL K3SUI K5FXB KD5R N3PS N4KM N4MI N7NF N8BJQ NE8P OZ5NJ VE1VOX YE4FNN
215 E74K HA5CW HB9DVO HB9HBZ JR1CAD K0HD K6UM K7LAZ LZ2ZG UT6UA W1XV W3BJ W5UQ W7IV W8QZA/QRP WW8W	211 AA4LR AK5Q DL5MHQ F1ICS JA3AVO JR4LZX K2EK K3NF KE6FV KQ4EE KW9U N6OJ TF3DC VK2AAH W0UC W3FI W4WN WB8B	208 DL1DWT K8ZM M0HIH N2KI N2RJ N3XM N8VV RD9M SM6CLU VE3YXO W0MS W3ACO W6FL YO4AUL ZL3RJ	204 9K2BM DK5HZ DL5KUA HB0WR JK1NPH JL3DGI K6NR K9AQ KC2STA KC9K KD4SN KI4R KZ9DX N9LJX RK2M SP7CVW VK2CA WU4B ZS1DX	200 DJ7JC IV3TDM JA1VRU JG3KLF JT1BV K0PX K1XE KF2OG KM1C N6MXU NN9X OE1ALW SM5ACQ W8JA WA5IPS YB1TJ
214 DK5RL IK0WRB JA2ITK JA7JPZ JL1GYZ JM1HJG LA7EIA N6DX W6SL WY6N	210 AD7L AE4M EC1AIJ HB9CQL JA6ENL JK1EBA K0LB KK8MM SM0DSF	207 AA4DD AA6RR F4WDL HL4CCM IV3KCB JA4HXF JH1IZR JI8PDC K1ZE K3FM K5DCW K8AV NY1V PY2RO WS1L	203 AA4FU AC9O CX2CC EA5AT F2NH JA1PVX JP1EWY KF0LA NA2P NU1B R3IS R9JX SP3EPG W1OK WF4U	
213 AJ4A HB9FBG JA0EVI JJ1KXB K1RI* K3DFL K4WES K5CWR K6IPV K9RT		206 DL2RD EA8MT G3KMQ HB9BOI K5QX K6QU		

199 KB4MRX N8BK VA7DX W2YR WB5NHL	N7NW NU1T S50B SM5ENX TF3JB VE7TK VK3KE W9OSI	WA9MAG WB3LHD WC4H	189 CU3AN JA6JYM K4WJ K5TA K9FZ* KA6BIM N5FEE OZ1HPS W1ITU W1NA W5VU WA0SXV WW0E	K8WVA K8YE KE8G KW1DX N1ZZ ND4V PA3BWD W0JMP W2FDM W4DAO
198 AB2E EA1KP EI3CTB HB9BOU HK3PJ HL2ZN K0OK K2PF* K4WY K7LFY N2RR N3ND W0PE W3HKK WA6HBR	195 AA3TH DL4FAP IK4TVP IZ0BTV JM1JZN JR2PZX K4AR K4GHS KR0O NA6MG NA9A OH3PYY VU2DCC W4PNY W5QP* W6BK WX2U	192 AA4NC EW4DX I0LYO JF7NNI J11MNT JJ2VLY K1VI K2RET K6JJ KK5OQ OE3KLU OH3FVP W0TM W1LE WB4KTF ZL3TE	188 DL5EBS HB9GWJ IZ1JMN JA7XBG JE7BUH JK3GWT K5HK N0ODK N2ZZ R7CD TF3VS VK2GR W2PD WB9W	185 AD7Z DL2SWN DS4NPL JA3UOQ JH8FIH K0IL K3GT LA8WG SM0BYD SV2BXA VK2HV W0QC W7QHE WA4NUF
197 AL7R HP3TA JA1BNW JA1KXT JA7JM JH0AKV JR4CZM K4KEW K7CTV K7GA N4SV N5TU N7JB TF4M W1FA W1YRC W7WZ WB8BZK	194 JA0AXV JA3WMS JA4CZM JL3OUW K1GE K2ZD K4WZ K6MM KE5BR KM4NS NA7RH OH6NIO UA9MC VA2IG	191 AA8KY DL2JIM GM3WIL IK2WPO JA2ODB JG1LRE K5TN KE3D KE8UM NG9J NZ5O SM4OLL W3DQS W5CCP W7JET W8TM WA9JWL	187 AC5AA JA0AVS JA1GVT JA3BKP JK1SQI K4JWA KL7TS N1NU N4BAF N4ZY* N7GCO N8TFD SP5LKJ UR4IOR W6DX W8NN YO3DDZ	184 HB9VAB I7PXV JA1SGU JH1AWJ K2TV K3GGN K3PP K5GH K6IPM K8KI LA2IR N3OUC N7RD NC7B NW6S SV8RX VK6LC W0FG W3ML W6WA W7CB
196 AC8L AC9S JA6IVR JE1IBI JF1MTV K1EFI K2AJY KB1HY KW4CQ LA5LT N1GC N2AJ	193 JA9IWR K4JLD K6XN KD8RQE KW4J N6BM N9AOL VE1OP W4AFB W4NBS W4NE W9BS	190 AB9M EA5HM EA7QW JH2AJY JO3WHB K2SY KG8CW KM4VI N3RW VE3YV W1EBM W2WC W9ROG WB6CJT YB4CHP	186 9M8DEN F4FLF JA1UOA JT1CO K0VM K8SIA	183 AD5WB IV3AVQ IZ4DPV JA0BES JA1ITJ K7YMG

K8YYY	JE3FOR	176	KA1DJ	IK2WSO
KB7AK	JR4VEV	AA9D	KI2D	IW5EIJ
KD7H	K5RJ	EI4BZ	N1KC	JH1RFM
KM8AM	K8WHA	G8BCG	N6FS	JQ1PCX
KM9E	KO4PRE	JA1UBZ	NU4B	K8JE
NC1M	N0LD	JK1BIB	PJ4/NA2AA	KC5LK
PY5IP	N1IA	JN4FNZ	RA9SC	KS4XQ
W2ZI	N7KDT	K0HB	VE7SZ	N1HO
W8FN	NI3P	K4MV	VU2CDP	N4MEC
182	SM0NUE	KE4BKL	WB8EKG	N5JEY
AA4EA	SM1NJC	KI6MQX	WN7J	NC6RJ
AB0X	SM7WVZ	KS0M	WY9V	NZ3M
AF2C	SP9IZV	N4NW	XE1GLL	SV2JU
DJ3AS	W4AO	OZ3SM	ZS1J	TF3Y
JR0RBY	WB2WPM	VR2XMT	172	UA0SC
K7LAY	178	W1MR	K7FEL	UA1OM
KC1ERO	HB9BMY	W4KA	KC9WPS	W4DN
KE9U	IV3FFI	WA5POK	KQ5S	W4HZ
M0IKW	JJ1BDX	WA8RCK	N6ZN	W6PG
N1QY	K5CR	WC2L	NK7C	WA2VQV
NC2Y	K7STO	YB2TS	PT7ZT	WB4GLI
SV8LMQ	KC4HN	175	UY2UZ	XE1FAS
W7IUO	KF4VTT	5T5PA	W9MAK	169
WT2P	LU4FW	JA3VPA	WK9U	AK1P
181	NT9F	JE2SOY	WW2DX	DL6NW
JG1JPE	V51YJ	K2RNY	171	K2TK
K8BN	W3KN	K8EB	AC0W	KT8D
KD4POJ	W4AEJ	N8AYY	AD6ZJ	N4AA*
KR4U	WB4SON	SP5IXS	AK7O	N6EM
N0TR	XE2YWH	VE4EAR	DK4TP	N6RK
N3AIU	177	WC2C	DL8DWL	TF5B
N7TM	7J1ADJ	174	EA4DEI	W6WF
N9IO	AE4CW	BG8PA	IT9IPQ	W9GXR
PT7DX	DF8FT	IK0XIH	JA4FKO	168
W4MA	IU0ICA	JA0JPD	J13BFC	3A2MW
W5WP	IU8IYE	JA3EY	JR1LZK	DK3QM
WA8LRW	JA1VRY	JE1COB	K0SRL	HL4XM
180	JA8NFV	KA9OKH	K4AU	JA2LHG
CT3CD	JM3GXU	LB8OH	K6EGF	N2YF
GM4KHE	K1EDG	N4LKB	KD4W	N7MQ
JR6GV	K4NTO	N7WI	KE2M	N8NB
K8YSE	K4SAF	UA4PK	NI7F	N9DR
K9QJ	KN4JX	V51B	OZ4VW	OE6BME
W0MU	KX7L	VR2XYL	OZ9XU	R9MJ
WP3R	LB5GI	W0IKD	TA1L	VR2MY
YB1RKT	LX1CW	W9KVR	VE3NJC	W4OWY
179	N3KS	YB4IR	W1AW	W5WI
AC4TO	NA6O	YU1JF	W3ATV	W6SIY
AG4Q	W1DAR	173	W3KHQ	W9NIO*
DF3EC	W4REX	EA1DLU	W5AP	167
EA4UV	W5BK	IK5QPS	WB6BFG	JA0NZR
EA5AR	W5SUM	J11DMH	WF1H	K0EOO
G7IRN	W5UHQ	JK1MZT	170	K0RAR
	W7VS	K9UQN	I5FLN	K6LPO

N4IG	W7YW	K7UW	BA4TB	JA8RRF
N7VPN	W9IL	N2MFT	DL7BO	JG1XBM
ND7K	WA7HR	N9LEO	EA1P	JM1JIV
NS3L		W1HEO	EA5RU	JM1LPN
R3BB	163	WA0WWW	GW4TSG	K8ROK
W7FI	AC7ZG	WD5BJT	IZ2CSX	KN6VTC
	DS3EXT	WD8KND	JA0ADY	N2YU
166	E73D	WR7Q	JH0LME	N8SHZ
4X6UU	IZ0CKJ	ZS1C	JR3TOE	N9AZZ
EI7GY	JA0ED	ZS1EL	K1LI	SM5ELV
IW1QN	JE6PJP		K7BWC	SO5AS
JS1MRA	K0BRO	160	K8BB	W5EW
K4SX	K0QQ	DL3ANK	KR4BD	WA5KBH
KL7NW	K0SD	F5AQB	KS0JD	XE1YD
KM7R	K4TG	HL1MKT	KU2A	YO3AIS
LA9KY	K9IA	IZ0FUW	N4QM	
N0AH	K9MMS	JA1BON	N6BDX	155
PA0TCA	KB2S	JE3PCP	NA5S	EA5B
PY2RN	KD4EE	K2OP	NN5E	F5NNN
W5FPT	KE3X	K3SF	NV4A	K8SL
W7VY	KP4N	K3WGR	SV3KH	KA1API
W8SAX	LZ1XL	KH6P	VA3AYA	LU2DSL
W9ZCL	N2CG	KJ4YLO	WA0ROI	N0SL
	N4GBK	KK4CB	WA6EZV	NA1DX
165	NX8Y	KN7Y	WQ1H	PA5X
7L4VYK	VU3CAU	N1RK	WY1G	UA6XT
DF1ZN	W1FC	OE3JAG	WY7FD	VA3NXM
DL6DCD	W1MRH	S53MJ	XE1R	VA6SZ
JA2OLJ	W8VI	W1AO	YO6HOY	VK1AX
JA3EEM	WA5NOM	W1ZS		W0KCJ
JH1GNU	WB2NPY	WB8RFB	157	W8VK
K0KV	YB1BML	WQ5T	9H1AE	WF5I
K1EO			AC4BT	WX0Z
K5LY	162	159	EI1DG	
K6ME	F1OBJ	CT7ANG	JR1HYA	154
KK4XL	F6KOP	DL2AMD	K2CYS	DF2WF
NJ1H	HB9TJG	EA1BLA	K4RDU	G6MXL
OV5O	IZ6ERS	G0THF	N2GZ	IZ4IRO
W2KNG	JA4RED	JA1DCK	N5TF	JA9KRO
W7JW	JA7FVA	JA8EIA	N8IK	JE4RAL
WB4YDL	K1LTJ	JH1XFR	NA4MM	JL1EGW
	K2HT	K7CU	SV4FFL	K7ORK
164	K3VPZ	KA3GWD	W4CC	KQ5M
AA3AZ	K5ZQ	KC2NJ	W4DEE	N4TD
AK4AO	K7PT	N2FF	W4PGM	NS4X
DK6OR	OZ9U	N4ST	W4YCH	NY4G
G4FTC	W4ARK	NR0Q	W5TUF	ON5EQ
JA2BUR	WB2HJV	SV1XV	W6RFF	PY2SEX
JA4DLF	WQ8T	W3KB	W8WM	VU2ABS
KK4CLY	XE1L	W3WST	WF4G	W0BM
KS8W		W4CCS	YO3GJC	XE1EE
LX1KC	161	W5IP		
N1SZ	4O3A	WA6MRK	156	153
N4QWZ	AE5B	YB3MM	AA7XT	AC8TO
PY2ADR	HK6K		G7SSE	EA2BFM
R2ARR	JA4CSJ	158	GM0VRP	EA3HDZ
W2CQ	JA6AVT	AB4GE	JA2CKK	HC1HN

HL1VAU	LA9VBA	K8GT	144	142
JA7JAA	N3AO	N5TW	AD4AA	EA2AA
JF7RJM	W4DVG	NO2C	AJ6X	HB9BEM
JH2NWP	W6GJB	WX2CX	E77S	I4UUL
JH6RTO	W8PAT		IW1PUR	JA1CPU
J11VVB	WW1L	147	JA5XPD	JE2DOD
K7HC	WY0V	AG2O	JA7MWC	JH0WYT
KB0EL		CT1ETE	JE4KCN	K4YZ
KE3ZT	150	HC1HC	K4ZMV	K5ZD
KU1T	AF3X	JA0GZZ	K9MQ	K7AWB
PF7M	EA2AAZ	K8CR	KA5JSM	KD2SC
VE2ACP	G4AFJ	KF4ZZ	KF7NN	KE5FXE
W4IDX	JA7MAD	KM1R	KI3O	KG5POL
W5PD	JA7PKV	LA8PDA	KK9T	KH6XT
WB9B	JE4CIL	N8KU	N1BCL*	KO4PY
	K9ARZ	N8PE	N4FN	KU9S
152	KC2WUF	VK5CE	N8IL	NI4Y
AK9B	KE6XL	W4HOG	RA3AOS	RM4C
DD0VU	KN7K	WB3D	TA2RC	UT9LC
DK7VW*	KY6AA		UN7BK	VA3HP
DL8OH	N0VVV	146	W1RG	VK2DAG
EB3CW	NF7D	9J2BS	W5WLA	W0ZS
HB9AGO	NM4SH	AA5TL	W9WO	W6QO
J68HZ	NU4Y	DL1MEV	WA4USA	W8EOG
JA2ACI	NZ4CW	IZ8EYN	WB2AA	W9VOB
JA7NGE	UW7UA	JA1SZN	WB2RAJ	WA4MIT
JG1GJH	W0PPA	JF2RSF	WF8Z	WO5D
JH1CTV	W7NN	JH4GXE	XE1ILI	
JH1HRJ	W9QO	KE0A	YB1AYO	141
JJ1IRS	WB2KSP	N3KR		AC0B
K2MK	WD4IXD	N8OQ	143	DK3TL
K8ZZU	YB2IQ	NO9E	A61BK	DL5MM
N4XMX		OZ9GA	AD8NQ	DS4OMS
N6KK	149	R6TY	AE0MO	E70X
N6VH	DS2BGV	W9MR	AG5CN	IW0ECV
N9ATF	G3PSM		AI4QQ	IZ1JIZ
N9OY	K0FLY	145	CR7BRV	IZ1JLG
NE0U	K2KIB	9H1EJ	EI5KO	JH6WMJ
NM1G	K5KG	A92IO	HB9BNQ	JM1CMA
NZ4DX	KD9ZR	AA5B	HK1X	JR3QHQ
OD5YA	KF5WCP	DL4ZAB	JA1JYS	K3RWN
SQ7FPH	N7KO	EA7AZA	JA3PRM	K4EU
VA3OKG	NN6K	EA8RR	JA8ANQ	K6RI
WB0ULX	PP2FN	HB9ZS	JK8VMB	K7RAN
WC0W	SP1NEN	K3HW	K0CF	KF3N
	VE3FAC	K8OS	K8RMC	N4LV
151	WA4QMQ	KA1CTL	K9EXY	N5HC
AD5MD	WK4Y*	KB8DID	KJ7KOJ	N6VS
DS5JMG		KJ6Y	KO3F	RA0R
EA7LS	148	KM5VI	LX2SM	RL3BZ
EI5JL	7N4SQJ	N5PA	N9MR*	SV2DSJ
JA6CMQ	AA5N	NK5Z	OK1WF	W3/NH7C
JR1KBJ	CU7AJ	TG9AJR	OZ1OXQ	W9COS
K1ROA	DM6MA	WB1ATZ	W3UNX	WA3YZD
KA6RWL	EI2IP	WX3P	W9MB	WW7Q
KE6V	JE3OUW	ZS5LEE	WB8TGY	YB2BNN
KM8V	JE7RJS			

140	IZ1JLN	WB8QZM	OH3TY	KB2XJ
AG1I	JG3KMT	WG0G	PY2FUL	N1BKB
AG6HE	JH1ORA	YB0MWM	RA3CO	N1BRL
EC7B	JH3PRR		RW6MBC	N1ZJ
G4SGX	K2AX	135	TA1PB*	N9XG
HL2DBP	K2DC	AB9KZ	UT7EC	PY2OP
IK8PGE	K5VG	CU3EJ	W1MJB	R0QA
IU4BJC	K9BQL	DL3JFN	W1ZK	SV2CLJ
JG2LGM	KI6CG	G3CWW	W5RDW	VE3NKS
KC6ZBE	KK5J	G4AYU	WA1LAD	VU2DED
N4DWK	N7FF	JA3MIO	WA1W	W0DD
N4LSJ	WB4DNL	K0GEO	WA5CMI*	W1KDA
N5OP	WV4V	K2DF	WB2UFF	W6TK
NG0G	ZP5YW	K6UXO		W9KX
OT1A		KD1F	133	W9RB
SM5BNK	137	KN4WOJ	9A3IE	WA4VJK
SV1BYI	GM1TBW	KX5U	GM5YTT	WU7X
W5SG	HB9HHH	LB2TG	JA2CPD	
W7PC	K2UF	N5SIX	JA5SEY	131
W9SE	K3DQB	N7MB	JH1BHW	C31MF
WA3GM	K3HPA	NC6K	K0IO	DL5FAC
WB1S	K3UW	ON4AGX	K2FJ	DM5JBN
WF4W	K4GM	PY2CP	K2KJ	IZ0GVZ
WR2G	K7QBO	SM2DMU	K2OO	K2CJ
YO3JF	K9XT	UY0MM	K3GW	K3EJ
ZL3REX	N0JR	W0JW	K4TXJ	K7CMZ
	N8JS	W3NRJ	K9AAN	KG4OJT
	NZ6N	W4KCM	KB8ZUN	KW4BY
139	SV3EXP	XE1MW	KM2O	N9MB
I8DKR	UA4HAD	YB0EIN	KN4OK	NA6XX
JA5JUG	W4PGC		N2TC	RM6LW
JA5MOO	W4UT	134	N4UW	S51MA
K1AJ	W8YV	5P5Q	N6DVR	VE3QAA
K4HEB	WB7QXU	AA2T	NT5O	VE3VV
KA5SYP	WL7OU	AC7JM	W1JMM	VE7VZ
KE4KMG	XE1SAX	DL9QJ	W4GHW	W4CIR
KJ2U		EI2JD	W4IR	W4LIA
LZ1XZ	136	HB9WDF	W4VG	W7NP
N1KM	DD0VE	HP2NG	W5CWQ	W8MSP*
SP5AMN	DL2VWR	IZ2MHT	WB1ASL	WA6VZN
VE9VIC	DL4FDM	JA1PBV	WB5TOI	WC4V
VK3MB	DS4DRE	JA2LMY	WB9PNU	
W0SR	EA3NG	JA6GXP	WI0E	130
W2KP	JA1EYN	JA9EEH	WM4AA	AK5X
W4CMM	JQ2MPJ	JE6UWU		DK3BK
W4UDH	K4OP	JF3AHI	132	DM3CW
W7TUS	K7PO	JL6USD	DJ5DT	EA5GXI
W7VAS	KB7V	K3GO	HK3CW	EA6LP
WA9DU	KX6C	K3MSB	JA5CDL	ER0FEO
WB3AVD	ON6MX	K6CF	JE4WOK	I7LGM
WW4N	ON7DR	K6DJ	JG1WNO	IZ5FSA
	PA5CW	K6EV	JH4CPC	KB8KIM
138	SK0QO	K9BO	JN1RFY	KD1AB
AB0RX	SM6YF*	KF9AF	K1GND	KD5RBU
AD0K	W4DWS	N0TK	K5MT	KM3J
DS4DBF	W8MIL	N2MN	K8CJY	KN9N
EI3ISB	W9KM	N6VNI	K9JE*	KX4I
HB9EBM				

N9RE	K9AAA	LU7DW	JA1IHD	N5ZY
VU2YYF	KE4S	NC4RY	JA5IBP	N8WXQ
WA2MUA	KF4JHG	NJ1Q	JH5OTE	NE1RD
WA3SKQ	KF6A	ON4LG	JR4DHK	SM2EJE
WD1M	KP4DS	PT2ADM	K0WK	W2GHD
YU1LD	N8II	VR2CO	K2JK	W3IZ
ZS2ACP	NA2U	W0RXL	K4IU	W3MF
129	NB3R	W1BYH	K4MIJ	W5TZX
AA4MM	NL8F	W4EY	K5MMH	W7GB
DL8UAT	NR5O	WC9C	K8RCT	W7IAN*
G3VQO	TF3G	XE2MX	KD0AA	W7QC*
GM1BSG	UA0ABB	125	KK4TKJ	WB1DX
HB9EXQ	UA0AV	AB2NI	KL2R	WF5T*
JA1DCO	VA3QBR	AK0A	N4GOA	YV4DYJ
JA7BEW	VK7AP	EA4TX	N9AVC	ZS2I
JH8UGL	127	G1VDP	NX1P	ZS6RJ
JQ3TAN	CT1ELF	HB9ANK	VE4JBB	121
K0ARM	DD9WG	IU5RTR	VU2MB	AA6XV
K0BX*	DL5KUT	IZ1EPM	W7IMU	AA9WO
K2IRM	DL7LX	IZ8DEO	WA9IVH	AE1T
K4KU	E74A	JA6NQT	WF5E	DK3FB
K6OJ	F4GTB	JA6SUJ	XE2AU	G4RGK
K8LBT	F4HAB	JJ2BLV	ZP6CW	IU8GNY
K9JDP	HB9ECS	K1YR	123	JA3VUI
KB5HC	K4DET	K4AEN	DL3DUE	K3OK
KH6DX	K5ALQ	K4UU	G4ZWY	K5GM
LA4RT	K9CHP	K9UC	JA2HOL	K5PC
LB8CA	K9GL	KB1AWM	JA2QCX	KB4KBS
N0ATQ	KM2E	KC4PX	JR0GXA	KC5N
N3GTG	KO4DKI	KG1V	K5RKS	KE1IU
N3ME*	NP3CW	KI0HA	K8ARY	KE7BMG
N5MT	PA3AIN	KJ4FZ	K8FB	KM4CQG
N8AGU	SP2JLR	LU8ADX	K8ZT/QRP	KY5I
N9ATD	VU2NXM	N3TR	KE8NOA	N1QAE
SM2YIP	WA1KXV	N5MI	KV8P	N2SG
SP2LLP	WC4B	ON4EB	N7ZA	NX1Q
W1KMA	YO4CPO	TF1A	NC8I	OK2ZDL
W3GP	YO8PS	W4FO	NJ8G	PV8ABC
W4EJG	126	W5XU	W0LGQ	TA7AZC
WA2BOT	AB4FH	W8BI	W7YED	VR2IL
WM9Q	AC2QH	W8PE	W9RXJ	W1GF
YB9AY	CT7BQH	W9FF	XE1AO	W2GGY
128	DL8SDC	W9JJ	122	W2RQ
7J1ABD	F5EOT	WS1F	EA1T	W4CU
AB1NS	FM5FJ	124	EA7AN	W6CUA
EA5ZR	JA3DY*	AF3K	F6FHZ	W6GRV
EW4A	JH8LEY	AG3V	GU4YOX	WT3Q
IS0/YO3RA	JJ1FXS	DJ5FZ	HB9HFM	WY4I
JA1ERB	JL2ULM	DJ9FK	KB0V	YE1AR
JA6SQR	K1RI	DL5ZB	KD6WKY	ZL2AO
JF2OHQ	K2RKJ	F8EZE	KP4DDY	120
JS6SCC	K2XB*	G4EXD	M0VCB	AA0FT
K0MB	K4RSA	IK0SHH	N0IW	AB5GU
K1XO	K9LCR	IK8TEM	N1UZ	DL7UGO
K3CWF	KE1B	IN3FCK	N4PAJ	HG6IA

IK5BSC	WB5KSD	WA1HXX	NT4K	JH3EQP
JA1PLT	YB0AZ	WL7CG	OZ7BQ	JK1WSH
JE1TNL	YB0NFL	WT9U	R2AB	K5QY
K2SD			S51DV	KA5OWI
K5GZR	118	116	SM6WET	KA9JAC
KC3AK	A65BD	AC4FZ	TF3DT	KD9BIE
KE9UA	AA7UN	F5PBL	WM4W	KI6RRD
KM4A	AE3T	F8DZY	ZS1S	KJ6YK
KU3G	DB9CR	G0HIO	ZS6NK	LA2LI
LA2XNA	DJ3XD	G0UII		N2XQM
N3TTT	EI8JX	IZ8EJB	114	N4UP
N4HUF	HC1E	JA6TNY	DL6WM	N4WD
N5CR	JE7KQU	K2GLS	DL7AA	N5PD
NG4DX	JE7OEC	K9SUH	EA4S	SM7CZL
NN5O	JH4GNE	K9TVG	F1RAF	TG9NX
NQ4A	K0PC	KK4ODQ	G4YCS	VA2EU
OH3GGQ	K4BYN	KM6WXB	HA2EQD	VA2GA
PT2ND	K7LY	KN4AMX	HA5DI	VU2OT
S52R	LA9XBA	N5EI	HI3I	W2RDS
W3JM	LU9DO	N8AID	IW1CAB	W4LZW
W4UAT	NA2R	NJ2X	IW7DMH	W4MBD
W5MF	OE1TKW	ON7TK	JA2DCN	WA1DD
W8LIG	OM2NW	VR2CC	JL4BSE	WW6W
	SM3DXC	VU2TMP	JR5KQF	
119	SM5BFJ	W1GY	K5NV*	112
6K5AQY	W2EQ	W2RS*	K7PTC	AF8C
A71AM	W4ALF	W2ZK	K9KDS	G4NAQ
AI1W	W4DFU	W4BH	KA9TOX	G6NHU
DF1IR	W4DTA	W4TUN	KC9GHA	HB9AJY
DH8WR	W4RQ	W5GOL	KI0KN	I2YPY
E29TGW	W8VVG	W9LU	KI4TZ	IS0MVE
EA4DL	WA8COB	WA4TMJ	KW8I	K1TKL
EA8TZ	WB4PWZ	WB8LEM	LA3ANA	K3SUK
G3LPS	WB5ZAM	WN1M	N3NVA	K4RM
G4DDL	WD6T		N4MIK	KB1W
IU4KET		115	N9ETH	KI0G
IU8LMC	117	A71XX	ND4K	N4PHH
JA3MAT	AC4XO	AK4N	NE5W	NS7U
JM3XZC	DL2OW	CT7ABD	NX2X	NT5EE
K4MQL	G3YFE	CU2AF	NZ0O	NZ6L
K4TMG	IK1RKN	DL4KUG	PV8DX	OZ6TL
KB3KJ	K4RP	F8GB	RA5C	SP9FWQ
KF0RQ	K4TR	G4EHT	RA9SAS	W3KHZ
KG4IYS	K5HX	G4HUN	VR2VGM	W3RSR
N4UFP	K8MN	HB9GIV	VR2ZXP	W3XX
N4VN	KC7CS	IZ7QSS	W8FAX	W4BR
VE3MSC	KG4URP	JA1CC	WN0L	W5EC
VK4BUI	KL7XO	JN1SUT		W5MJ
VU2AE	KV7N	K1QN	113	W6BBS
W0ZX	LA4JGA	KF2TI	4F1OZ	WA8KNE
W2NY	MM1PTT	KR4Q	DJ0AH	WB6PIH
W3NS	N1GFV	KV3W	DJ9HQ	
W5JE	N2SU	N1ECC	G4GED	111
W5WS	SM7TZK	N2BSA	G4VWI	AB5YI
W6ELI	W0ZAP	N3PV	HB9IBA	AF6PK
WA0GUD*	W4MOT	N8TEM	HB9MZI	AI2S
WA1EHK	W7BA	NA9L	IZ3DBA	EI2HIB

EI5GM	W8TE	EI6GI	VU3DJQ	G3LAS*
EI8IQ	W9GG	F5VML	W1USN	GW0ANA
EI9FVB	WA2ALY	IZ4GOL	WA4OTD	I0BJV
G0RPM	WA4RYW	JF1KIG	WA7HQD	IK2HLM
HB9GZE	WB2BXO	K6DLB	WB2MKX	JA1IFD
JP1PZE	WB4HMA	K7LOL	WB4EVH	JA3KWZ
K4GN	YB8HZ	K7QA	WB5TEQ	JA5GOJ
K4NNQ		KA1RUE	WB8PKK	JF3KOA
K8CMO	109	KD8DEU	WZ9B	JG5VFK
KG6D	AA5H	KT5V	ZS4JAN	JM7TKK
KL7XD	AD0TR	M0AQM		K0MD
LZ1MDU	CT3FN	M0PCB	106	K1PU
M0RTP	DJ6OZ	N2YBB	AI4EY	K4UQC
N9NFT	DL1SWN	N2ZL	AJ6V	K5WE
NA8W	DL2NAI	N3CAL	EI2FG	K6BLG
NO3U	DL9SAD	N4LS	EI9CN	KB2GCG
OH3DP	GM0SCA	N4WOT	ES4RX	KD2CYU
OH5NS	HB9CPS	NG4C	F6ARS	KD8BZY
PY6TS	JA0HXV	NW2I	G4WWG	KE3A
SM5CSS	JA1DHY	PP5VA	IZ2IPF	KG5VK
UA4PT	JA1FVS	SP5UFK	JA1RBY	KI3F
W2GM	JA1QOQ	VE1JF	JE2VVN	KY6J
W2VT	JH3AEF	W1MJC	JH1OVY	LZ1JZ
WB9WHQ	JJ1SZA	W4OV	K1FUG	N1AH
WD0AJG	JN3XEZ	W7HJ	K2KYH	N1TQ
WM0G	JT1DN	WA2ONG	K6GCN	N1XL
	K0MFI	ZL1IM	K8RD	N3DD
110	K4LQ		K9WMS	N5VBK
AB8M	K9KJ	107	KB5UNX	N8YQX
AC6T	KA2F	DG1LHM	KE7AUB	OM4KW
CT3EE*	KK7YC	DJ7PI	KF5BA	PB7XYL
CT4CH*	N0AMI	EA4FXZ	KO4MA	PT2DF
G0GFC	N2CJN	EI4DQ	KS4Q	PV8AAS
GM0VIT	N7TW	EI6GF	LX2KD	SV7CUD
JA0EBV	OH4KRN	F5DBT	N2BT	TA1UT
JA5EEU	SM0BSO	HB9ARK	N4GRC	VA2LC
JA9KA	SM0EUI	JA9IPF	N4KEB	VE7ON
JP1GVC	V31CQ	J14HKA	N4PF	VK7ZE
K2GW	VA3VF	JR3PKO	N5RN	W3WN
K3RRR	VE3KKB	K0XM	NH6L	W6KF
K4VAC	W1RH	K3IK	P40P	WA3IIA
KA4H	W2FDJ	K3JRB	SM0XG	WB6JHI
KB9AIT	W4AVY	K4NI	SP7QHR	WD0FYV
KC3MAL	W7WT	K5SES	SV3RKM	YB1BUL
KF8PD	W8ILC	K9BR	TG9AWS	YB7WW
KJ7NO	W9LX	KJ4UZU	VE7UF	ZL2DD
KR4DA	W9TO	LU2JCW	W3CL	
N2KX		N4MTT	W6IA	104
N4UC	108	N6GEE	W8LR	9A3QY
N5QZ	7N4OBV	NA5WH	W8QW	A71UN/P
NT6AA	AA2F	NS7K	XE3ARV	AC0DQ
OH2PV	AA2VG	R9GM	ZL3RIK	DB2WD
PA0QRB	AG4TO	S57J		EI8GS
SV8RMA	DU1IVT	SP7ASZ	105	GI3SG
W4OEP	EA3UU	TF3MH	4F3BZ	HL4GHT
W4SKW	EA4D	UX5XK	DK7GH	JE2VYM
W4VAB	EC1AE	VE3BHZ	DS5RNM	JG1LFF

K3NO	KU4A	W8UQ	W4BZM	KC5RR
K3WSU	LA5HPA	WA8Y	W4PM	KD1DT
K5YE	N3ER	WD8KRV	W6OU	KD4SR
K6VVK	N4DJT	WK3A	WB5HJV	KE5MMT
K7IA	N4PGL*	YO6BHN	WB9ZNZ	KF5TL
K9YKL	N9OI	ZS6HON	WC6Y	KJ4SKO
KB3Z	NJ4V		WD9IOK	M0IFT
KC5LT	NN8L	101	ZS6C*	N0UCR
KE8Y	RZ6MJ	AA4QE		N0YO
KN6HIP	VE3XK	AD4J	100	N3VJ
N3YZ	VU3RGB	BX5AA	9M2CQC	N6RVI
N4NYY	W0RI*	CT1ESO	A41ZZ	N7TP
N6DW	W2TX	FM4LV	A71EM	N7UJJ
N9ICE	W4PG	G0MMI	AA1SU	N8XS
NA4D	W4YR	G3VDB	AB3TM	N9APK
NB2P	WA2VJL	HS7WMU	AD9DX	N9MKC
NE3K	WA3PAK	IK2SYK	AF4OZ	NI0R
NJ8J	WT5L	JA1KZP	AF6O	NN6CH
NS4F	YB1SKR	JA3AOP	AF7WM	ON6JY
PY5VC	YO2OXD	JE6JAO	AI6P	OZ2BX
TA1AL		J11IZS	BA5AG	PA3DTR
UA9AGX	102	J15RPT	DB3KE	PA3HGC
VE3FRR	2E0OOO	JK3NSD	DJ0CL	PV8RR
VE7NS	DK1MCS	JQ1QGM	DJ4LR	SP7LPD
W0YK	DL2DCX	JR1QLM	DL1TPY	SQ7JZO
W1CDC	DL3XAC	K0WJ	DL2RUG	T88UW
W3DIY	DS2GOO	K4MSS	DL5JH	VA6SP
W5DWA	EA2RY	K7UPJ	DM5TI	VE3ZN
W7KKC	EA4ESI	K8DTF	EA5BYP	VK2IS
WA4IXW	GI4OWA	K9EA	EI9HQ	VK3YR
WB3FHU	HB9BEP	KB1OIQ	G0WEJ	W0YRE
WU1T	IC8XIL	KC0V	G2DP	W2XX
WU6K	JA5ALE	KC2SIZ	G4FSU	W3SW
	K2KNB	KD2GC	IK7NXU	W4CG
103	K3UT	KD2NF	IU2LFP	W5AAJ
AB8DG	K4QS	KF5MDZ	IW2FLB	W7SMW
AD7XG	K6JAD	KK4MA	IZ3GJL	W7UV
AE7U	K6XJ	LU2NI	JA1QEY	W8BZY
DU3GKT	KC3OPI	N4ZR	JA9KTT	W9ARG
F5VIF	KC8YG	NK7L	JK1OTP	W9GFB
G4BMM	KJ4EX	NU0Q	JR2PAU	W9MCP
G8GNI	LA5MDA	NX6D	K0FTC	W9ZT
JA1CCH	LZ2HM	PY2YW	K1GW	WA4UWD
JA3PYC	N0OK	S57NML	K1HC	WB6RAB
K0JPL	N4IR	SM7GXR	K1MLP	WD4OHD
K0KL*	N9AKR	SP5BMU	K2ITT	WN9A
K1MDA	NZ1I	TG9AKH	K4KYN	WQ9F
K2AMI	OA4DGS	US8ZAL	K4KZM	WV4E
K2WJ	OK1DXO	UX4UM	K4PWS	YL3GDM
K3LA	OZ5VO	VE7XT	K5JUC	ZP9CTS
K5VSD	PE1DAB	VR2PX	K5PSN	
K8TLC	SP5NON	W0QL	K7GT	
KA7CVJ	VE3DIT	W0RMS	K7HV	
KC3NIE	VE3XB	W1ES	K7RB	
KG5NP	W4JDS	W2MW	K8JRK	
KN6KI	W4WNT	W2YWC	KA9JCP	
KS0Y	W8EH	W3ATT	KB6IGK	