

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 26 Jan 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	JA1UQP	JI4POR	F5NTV	SM6DHU
DF3CB	JA5AUC	JR2KDN	F6DAY	SP7GAQ
JA2VPO	N2TK	K0IEA	G3TXF	UA4CC
JE2URF	N6AR	K3UA	I4LCK	WK3N
K2TQC	OH2BU	K8SIX	IK6DLK	
K5UR	OZ1BTE	N3SL	JA4LKB	338
OH1XX	W1YY	R7LV	JA7KY	AA1V
OZ1LO		RZ3AM	JG3QZN	AG9S
SM3EVR	344	SM6CCO	JH4UYB	F6BKI
SP5EWY	GM3YTS	SP3EPK	JR3GWZ	G3RTE
W1NG	JA3FYC	SP8AJK	JR3IIR	GM3GAV
W9ZR	N4CC	W1MK	JR7VHZ	HB9BGV
	PE5T		K0EU	HB9BZA
347	SM3NRY	341	LZ2DF	I4AVG
DJ9KG	SM6CVX	CT1EEB	N1DG	IK4DRY
G3KMA	VA3DX	F6AOJ	N3XX	JA2JW
JA1HGY	W0BV	GM3POI	N8DX	JA5EXW
K4CIA	W3UR	JA0UUA	OE5NNN	JA8EAT
K8MFO	W8UVZ	JF3KON	OK1MP*	J18DGO
N4WW	W9IXX	JQ3DUE	PA7MM	JL1UXH
SM0AJU		K5RK	R3OK	K4XP
W1JR	343	N0XA	SM5CEU	K9NU
W4DR	EA8AK	N6JV	SP3E	N4JF
	IK1GPG	OZ3PZ	W3LPL	N8JV
346	IK1WGX	PA3FQA	YU1FW	N9IW
4X4DK	JA2JPA	PY2XB		OH1TV
HA0DU	JH1GZE	R5AJ	339	RA3CQ
HA5WA	K3FN	RU3FM	EA5BM	SM6DHF
JA2KVD	N4CH	SM5AQD	IK5HHA	SP6CIK
JA4DND	NN4T	UA4HBW	IK5PWQ	UA3AB
JH4IFF	PA0WRS	UT7QF	JA5IU	UA6A
K4DY	SP2FAX	W0DJC	JA7MSQ	W2YC
K4MQG	UT5UGR	WB6RSE	JE1SYN	WD5COV
K4PI	VE3EJ		JH2FXK	YO5BRZ
KF2O	VE3XN	340	JH2UVL	
KJ9I		AA7A	K1ST	337
SP5CJQ	342	AD5A	KV7K	DL1AMQ
W3YX	DL4MCF	DF3GY	N5ZM	EU7A
	EA6NB	DJ2YA	OE3GCU	EY8MM
345	G0JHC	DK5WL	OK3GU	G3XTT
DJ6RX	IK4WMA	DL7MAE	R4GM	HB9AMO
G4BWP	JA2FBY	EA6SX	SM4EMO	IK8HJC

JA2XYO	WI8A	N7RT	329	W1GL
JA4FKX		OH2BLD	EA3GP	W1RM
JF1KKV	334	PY2SP	G0DQS	WA2VYA
JF1WPB	CT1APE	SP5DIR	HB9HFN	
JF2UPM	DJ8NK	SV8CS	JA2BDR	326
JH1TWT	DL5DSM		K2UU	AD1C
JJ2LPV	G4CCZ	331	K4UTE	DL1DUO
K2FF	G4PWA	GM3PPE	K9EU	EA4KD
K4ZYU	I2XIP	JA1ANR	K9MM	IZ0AEG
K5KC	I4EWH	JA1SJV	N5AW	JA0NPQ
KD5M	IV3JVJ	JE2LUN	N8RR	JA2FJP
NJ6P	JA0GJJ	JH1RFR	NI0G	JR1BLX
NO8D	JA6BZI	JJ3PRT	NI6T	JS2LHI
OE6IMD	JA8BNP	JL1RUC	PY2BW	K4CN
OZ1CTK	JA9APS	K1OA	SP2BMX	K4SO
R3VA	JF1PUW	K5EK	W2LO	K6AM
SM6CMU	JH4ADV	K7ZA	W3NO	LA5LJA
SP8NR	JH8RZJ	N5UR	W4UM	N5XZ
WB9Z	K4MWB	OE6MDF	WA7NB	R8TX
	K6FG	OH1MA		R9FM
336	N0AT	PY2YP	328	SM6BZV
EI7BA	N3NT	S54E	DJ5AV	SP1JRF
G4OBK	NR1R	SP3CGK	DK5AD	UA3AP
HB9BIN	SL0ZG	UA3DPM	DL2OE	VE1YX
HB9DHK	SV1RK	UT7UJ	F2JD	W6RLL
JA0EOK	UY5ZZ	VE3FF	IK2YCW	W7AO
JA1BK	VA5DX	W1TSP	JA1SYY	WA5VGI
JA1XEC	WA4FFW	W2IRT	JH0INP	
JA2DPC	YO3APJ	W5OZI	JJ3HGJ	325
JA2VQF		YB5QZ	K5BG	AA1QD
JA5MHD	333		K9IR	DJ9HX
JF7XKY	AA6YQ	330	N4NX	F5CQ
JJ1DHY	CT1IUA	JA3EMU	N9US	HB9DDO
K4XO	DF4PL	JE7JDL	PY4OY	JA2ZL
LA5HE	DK2NG	JH4JNG	SP6M	JA4DLP
LA5IIA	F6EXV	JN1BMX	UT2UB	JH1IFS
N4MM	JH3CUL	JO7WXN	UX0FF	JR7WFC
ON4CD	JR3OEH	JR4OZR		K3WC
SM3VAC	K7NN	K4QL	327	KW9A
SP9DWT	K8PT	K5DU	AA5AM	LA8PT
	K8ZTT	K9CT	DF2RG	N2NL
335	ON4IZ	OE1WEU	DF2UU	NY0V
IK4DRR	OZ4O	ON4AOI	DL6KR	OE1ZL
JA1EOD	RV3LO	ON4IQ	E72A	SP9JZU
N2LT	RW3RN	PY5EG	EA5RM	UA4LY
N4XM	SV1FJA	RA7A	IK4BHO	US5WE
OE2LCM	UR0MC	RU3QR	JG3LGD	VE3EXY
R7DX	VE2TZT	SM5CZQ	JH1NYM	W1DIG
SM4DDE		VE3LYC	JJ2KXK	W3LL
SM5KNV	332	W8OI	K1HTV	YU3AA
SP1S	IK4GME	W9OP	K3RA	
UA6MF	JA1ADN	W9RPM	KX4R	324
UT9FJ	JA3PIS	YO7LCB	N4QS	AC4G
UX1UA	JA5AQC	YO9HP	OH5VT	DM5EE
W4DKS	JA7JWF	YV1DIG	SM3NXS	I3BUI
W4PK	JA8RJE		SP6HEQ	JA2CXF
W5ZN	K1AR		SP7VC	JA2EPW

JH1EEB	N8BM*	AJ6T	W9MU	K9RX
K4HB	OE3EVA	DJ5FI		K9ZO
MD0CCE	UA3AGW	DL5WW	317	LA7JO
N4II	VE1DX	DL6CNG	9A2F	N2BJ
NK1K	W7MO	F6FXU	AB3CV	N5TY*
OZ1AXG		G3LZQ	G0OIL	N7IR
RA3QK	321	JA2WYN	HB0CC	PY7DJ
RN3QN	AB6QM	JG8FWH	JA1IZZ	SV1CNS
UY5AA	DK1FW	K1LD	JA2NDQ	VK3HJ
W7DO	EA1N	K2TE	JA2TBS	W5TCX
W8GC	EA5BY	K6KLY	JA9CWJ	W6RS
	I2EOW	K6YUI	K9NW	W6XA
323	I4MKN	KF0QR	KG8P	W8DCH
DJ4AX	IZ1LBG	KG7H	N0RR	WT8C
DL4CF	JA9TWN	KZ4V	N8TR	
HL3IUA	K0KT	LU8EKC	NN4R	314
I0WDX	K2RW	PA3EWP	PY5EW	AA1ON
JA0CRI	K9US	PA5TT	R6AF	AA4HP
JA1JAT	KG4W	RL3FA	RA0FF	AB4IQ
JA2IVK	N4PQX	SP3IBS	UA6YW	DJ6TF
JA2JNA	N5DG	SP7HOV	W1ECT	EI9JF
JH3VNC	N9AU*	UN6T	W7OM	GM3YOR
JR1BAS	NE1B	UN7JX	WB4TDH	IU7QBB
K0KX	OE5RLM	UR5IKN		JA2VMU
K3WA	OH1LEU	W8HW	316	JH3GCN
K4IQJ	PY2XU	WB8BPU	AA4R	K0KVR
K7ZV	SM2OAN	XE2CQ	AA5AT	K8FL
LA5YJ	W5XC		EA7TV	LA3WAA
LA7AFA		318	EC3A	PY2KP
LA7HJA	320	DJ4PI	IK2QPR	UA9FAR
N5OK	AA4V*	HB9SLO	IZ8FFA	W6XK
PY5HOT	AA5AU	I1EIS	JA0DIN	WP4U
RM0F	EW2A	I1FQH	JA1IOA	
SP1MGM	FK8CP	IK8YTA	JA5BEN	313
SV1DPI	HA1RB	JA1FQI	JA5WIZ	A19L
W0MHK	HA9PP	JA1WSK	K2VV	DL1KUR
W3KX	HK3W	JA5XAE	K3PA	E72U
W4FC	JA1SVP	JA6VQA	K5WAF	EA8AKN
W9RN	JA3GN	JE8CLT	K9YY	IK0PEA
WX4G	JA4EPE	JG1WSC	KA9CFD	IK0XBX
	JE2EHP	JH7RXU	LA9AJA	IK4PLW
322	JR2UBS	JJ1DWT	N4TL	IZ2AMW
EA2IA	K4HGX	JN1RQV	OE1AZS	JA4MRL
IW1ARB	K5MC	JR2LJO	RA1QD	JA9NLE
IZ8FWN	K6XT	K2SHZ	SV1JG	JG4AKL
JA1GRM	K7XB	K5XI	W9AJ	JK1EXO
JA7LGE	KW4MM	N1NK	WA1JMP	K4JJW
JA7QVI	N7RO	N4DB		K6ND
JA9FAI	R7NW	N7XR	315	K8YTO
JF2XGF	SM5FUG	NS6C	9H1SP	MM0EAX
JF8QNF	UR5WA	OE3SGU	CT4NH	RK4FD
JM1FHL	W1YM	OE8RT	G5LP	W2LK
K2UO	W5BPT	RX3AGD	JA0DET	WB5JID
K5AQ	W7CT	UR5EDX	JA1XCZ	WN6W
K8EUR		W5FKX	JE2LPC	ZL2IFB
KC7V	319	W5XX	JG3SKK	ZS6EZ
KQ8M	AA8CH	W6VX	JS3CTQ	

312 DK9KX DL4SZB EA1YO HL2IFR JA2ATE JA3AZD JA4ITW JA9GPG JF2WGN JH1HHC K8GI LA2QM R0FA S55DX	309 7K1PTT DL5EBE G4XRV IK5MDF JH3FUK JK1BSM JR7FRW K2PK R9TO RA9CMO RU3DX SP5IWA UN7TW VU2NKS W4QN W6SR W8HC WE7K WE9R	WB9EEE	K1GG K5PS K8AC N6RV NU8Z SP8HKT W5LT	JA1NWD JA3ENN JA8BAR K1DT K6RO KB0EO KU0A N4QQ N8OC ON5UE PE1L SM6CTQ SV2AEL VE3BW W8TN WB9CIF ZS4TX
311 DJ9ZB E73Y EI6FR G0BLB JA1KQX JA7BWT JE1DXC JG3FEA JH4ALY JH4HMG K0JUH K8VFX K9MK LU3CQ R9SA RN3OG S57AT W2QO W5AJ W6SZN	308 CT1FMX JA1LSP JA2XCR JA6WJL JE6TSP JR8AMF K3WW LA9VFA N5GH N7US SM4AZQ SP7ITB W7BEM W9ILY	306 A45XR A65BR DL6JZ EA6VQ EV1R F5PAC JH8GEU KF7PG KN5O N4AH ON6AA SM0CCM UW2ZM W1SKU W2GG W2JU W5ADD W6ENZ W6YI YO2RR	303 DK8MCT DM2DXA G4GIR JA2VHO JA7IC JA8EJO JA8ZO JJ1SKG K5WK K9FN KB1JZU LZ2JE ND0N	299 IW0HQE IZ8XQC JA1BPA JK1TCV K7EG N1IBM OH8LXT UA3ECJ UT7UV W7YAQ ZL1BYZ
310 AB9V DL2CHN DL7BA DL9TJ HB9RG IZ5EKV JA2AH JA9GLW K5ZK K8GG LB8DC N4JQQ N8PW SM6CUK UA3TT W8AV ZS1LS	307 5B4MF DJ4XA IK5CBE IV3YYK JA9NFO JE1LFX JE2DZC JR1DUP K6SIK K8NVR LB2TB PA7RA PY2NQ RW4NN RX4HZ SV1GYG W5ODD W5VY W7AL	305 CT1GFK DL5CW F3SG F4BKV HA7TM I4KDJ JA2XW JA9FPI JG0CQK K1USA K4SE K6FW KP2A N2TN N4DW N4RWG N7TY N8DJX W4GF XE1KK ZS2DL	302 AD6W IZ5JMZ JA2FGL JL1OEC JR6FC K4EM NA5C WB0TEV WO7R	298 CU2DX G3VKW HA5VZ IK0HFO JA0LFV JL2PQV JN7DOS K8RRT KD0PO UA0BA
		304 9A4T DK3WW DL1HRN F5LVL HL2WA IT9DAA IZ0RVI JH0BQX JH1BNC	301 EA3WD HB9CEX IZ3ENH IZ8VYU JE3ENP JK1GOK JK1UNZ JR6LLN KM4H LA3MHA N9FN SV3DCX W6NWS W6TC ZL3JT	297 AA8OY IZ8DFO JA6TMU JA8DNV JA9IFF K5UO K5VIP LA2PA NA5DX SK3PY VE6LB WA6F
			300 AD5Q EI2GLB G0EHO JA1DDZ JA1FGB	

296 DF2GH I6FLD JE1PNX JR1WCT JR9LKE K4CMS KB8VAO N1EN N3RC N5LZ NV9L OE5FIN W2AY W4VIC W7ZJ WA1S YB1UUN ZS6WB	EA5KA HL3GOB IK0LNN IK2OVC IZ5RVG JG1OGM JH9AUB NW7E OE8SPW PY2IQ RA5BM SK7AX W3JX WA3C	289 5B4AHJ DJ5JH DK2JX DL1TRK IZ5BAM JN3SAC KA8SYV N7BT OE1WHC VU2PTT	W8JRK W8MET WO2N XE2X ZL4TT	JK1OPL JR3UIC JR4LNG K1BD K4ZO K5VWW N5UL OH2IS PC3T SM6BGG W3OA
295 4Z4DX CT1FCX CU2AP DS1JFY G3VPW HB9IQB JA2QXP JE1BMJ JH1OBS LB6KC N5ORT SM7CQY UN7LZ WA9PIE WO2T YO2CMI	292 CT1DKS HP2AT JF1LZQ JH1BAM K3FRK K5RT KA7T KI0KB KI4DLS N5ZC	288 JA4VLK K7WP KI5BLU LA0FA LA9FFA ON4CAS OZ1LCG VE3EK	285 9A1AD DL4CW I5CRL IK0AGU JF1IRW JH1DGQ JJ1QUV K4MS K8DV KD0Q NF1G NN4SS VE3VHB W5CIA WS9V	282 7M4AOE IK0HBN IK5RUN JF1RYU K0GY K1LPS K9OR N2JJ N3VA N6MZ N6PSE W1ZT W8KEN W9PZT
294 HB9LCW HB9TKS HL4CJG IK2DJV JE2OVG K0BBC K1ESE K2LS K3NK K4XD KS1J W1YW W4WM W7CA YS1RR	291 9K2OD HB9DDZ HK1MW JA0DWY JA1RTX JA5SUD JP1IOF K2KA K6EME K7UA K7ZD W3RJW W4FQT W4HG W6RW	287 EA6ET EU1KY G3KWK HS1NGR IZ3ETU JA7QFU JA7ZP JH1QAX K2AZ K8WK LB5WB RQ3A SP6EY SV1IW	284 CT1FPQ IV3KFB IZ8FDH JA2FCZ JA3BXF JA9AGN JH0OXS JH7BKN K3UL K6PJ N0RB N2LM N4LR SM4BZH SM7IUN SV2DGH W1LW W8LGJ WD4LBR	281 IW0SAF JA2FBC JF3LOP JF3PNQ JH1ACA JL1XMN K0BJ K0TT KG6I RW7M SM5AOG SP6JIU W1OPD W1YIF W6DR
293 DL9FCY	290 CT3MD DF2IS JF1NZW JH4GJR K8ROX KA8ZPE NQ1K OE2BZL VK3BDX W6PJ	286 EW1KP G3WPH HA7UW HB9CQK HB9DHG IK4AUY JA0AOO JA1VLK JA3XNH JF6XQJ JH1RGG K8QM KM1D KR0P N9ISN OH1ZK PY2VA SM0NJO	283 AF9H G3SVD HB9BUN HB9RYZ IK4ADE IK8EPC IZ4MJP JA7LMZ JA8EOT JA8UIV JH2PWY JH4ADK	280 AA7G CT1EAV EA3CJ I5HOR IV3GOW K8OM N9RS W1BR W2OO W4OX W5ZG

279 DS5ACV EA7SG I0OSI IT9CVO JA2JRG JE2EBT JE2UFF JF0JYR JF1LMB JH8NBJ JM1SZY JP1NWZ JR7GBL K0VSH K4VIG N6IE PY2DS SM3LGO W0TT W5SL W9JJB	JM1GHT K1RO K9OW KD3CQ LY1G N5KM SA0AQT SV1VS W2TB W8MHW WA4LOX WA5LFD WF2S	G8DX HB9DOT JA3EOP JA6GIJ J11CQA JJ1TKN JJ2WOC JM1VRW K0KG K9SM KF2DT N6HY N8KOL NA9RB NN4X PY2MC SM4CTI SM7NDX SV9AHZ UA0FO W4MAY	JA8XQI JH1VUO JQ1YIW K3EA KA1ERL KJ7TEA KL0S N3QE NA5Q VE6AX W3BW W5PF WL7E WW3S	N2WB W2OIB W2XI
278 AA4SC AA6AA AB5A EW1BA JA1MZL JE8TGI JH1AGU K2UR K8TL NX0I SM5CBM W0LS W0VX W1VT W9FI WA0I	275 4Z5LX 9A4W EA1AF JA5NPV JE2VLG JI1NJC K0JY KQ4AV N6HC N7QT W4WT	271 BH4QYX DJ9ON G3NDC HB9BYQ IW0HOU JA1DM* JA8FFM JM2RUV K9JF PA3CSR SM5CLE W7QDM W9OO ZL4AS	268 DS5DNO F5UJK FG5FR IZ8IEV JA7GYP K8BL K9ZM N0ABA UA3O W3AP WA3AFS WA4JQS	265 AA8R DJ9RR DL1SMA F6DBX I0JBL JA2FSM JA3QOS JA6QHQ K2UFM N2NS N4HB N5MOA N9BX N9JV N9RD N9UA OH4UI US0YA W1KSZ W5JAY W7MEM WA0MHJ
277 DS5TOS F3AT F5PBM HB9BAT HL3AMO JA3RQ KU4XO N7KA OH1JP SV1FJP W2NO W8RLS	274 DK2GZ HL3DE JA0KJE JA1CZI JA5BGA JH1IED K1UU K8FH KD2T KS4S KZ5DX N8SNM WB2GAI	270 JA1SKE JA2IYJ JA3KNN JH6DUL JJ2KDZ K4FJ K8CW N1SV N6PM W2GW W3GQ W4BP	267 EA3GHZ HL2KV JA5FDJ KJ6P LA8HGA N4UOZ N6UK NT5V OM4EX VK5GR XE1MEX	264 AA8LL AB5C I5OYY IK2PZC JA3WLN JH1SJN K3VAT RM3DA W0JM W1SSN W5DAW W8OP W9YE WA4CEM WB8K
276 GM0AXY	273 DM1TT JA3FHL K1CA K4JAF K5FZ KB1EFS OZ7FOC W3ABT WA0RVK YL2KF	269 AA9A F6ECI IV3TMM JA0LXP	266 HB9DVZ HB9JOE JA1FJJ JE1PHH JH0RVY JH1APK JH8KFE JJ1BMB JK1VXE JL2JVX JN1NBU K0TPP K4JC KB6CIO	263 F9XL HB9CXZ HL2EIZ JA9AA JO4CFV K1KA K2XF K3SEW K5CD KG9Z LU6ETB

N0RN
NZ3O
UN3GX
UN9L
W8WEJ
ZS2EZ

262

DK1WB
DL6XK
JA1OVF
JA3NHL
JA8CJY
JH1DGJ
K3XA
LA6UL
SP6A
SV9COL
UN3G
WB8ZRL

261

DF7EE
HL2CFY
I2VGW
JA7HRM
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K8UT
KI4GE
N7ELL
N8LJ
S55ZZ
SM5FQQ
VK3NX
VK3TC
W6BJH
W8FIB
WD0DAN

260

AC9EM
DS4AOW
EU1U
G4IUF
G8AJM
JA4HAW
JA4ZA
JE3EDJ
JP7FSO
N4XP
NI5F
NK0S
OH7TV
W5GAI
W9BEA

259

AG1A
JE2RDO
JH1ERJ
JH1NYN
K1NTR
K5FNQ
KB2FCV
N4ENE
N5JB
NK4L
PA0JSE
RA4P
UT7KF
W0IZ
W2WG

258

AI6Z
EI9FBB
HL4GAV
IK3SWB
JA1KPH
JH1SOD
JH1WJR
JH3SIF
K9MBQ
KE1F
KH2L
KK2M
KR4F
N1RR
PY2FN
W5ZPA
W8IQ

257

CT1FUH
EA8AXT
HB9MFM
JA6BEE
JF2VAX
KY6R
N4GN
NJ3K
W0RX
W2OR
WA2NPD
YB2TX
YL2TW

256

DJ7ZG
HK4SAN
IV3VBM
K4RG
LU4FPZ

N4TJ
N4TV
NE6I
SV1ACK
UR3EO
W0HBH
W5GZ
W5ZO

255

CT3KN
DJ4GJ
DS3HWS
IK1IYU
K0GD
K4OY
K9TF
N8HRZ
OM8FR
SV1FKZ
SV8CKM
W0SZ
W5DM
W9JA
YB0COU

254

CT1BH
EA2AFV
EA5CRC
F4GVO
IK5BOH/2
IK8VRH
JE0ART
JH0AWC
JH6PFY
K7LJ
KH6M
KJ6NZ
LU5FF
SV1HEP
VK4CAG
W5QM
W9DX

253

4F2KWT
DL9GTB
F5JSD
FG4NO
HI3T
IZ2EWR
JA1EMQ
JA1HOM
JA6GPR
JH0NOS
K1KO

K2NV
K6BV
K9YC
N4PJ
SM7BHH
VE3CRG
W0FLS
W4IS
W6TMD
W7IB
W8LMG
WS5W

252

AB4UF
JA1XPQ
JR1MLU
K2SN
KD6UO
N2ZA
N8NN
VE3CFK
W4UCK
WA6JA
YB0DJ

251

4Z1UF
AE5E
CT3HF
E21EIC
G3UAS
IK2RPE
IW3GJF
IZ8GGF
JA1IAZ
JH7WQX
JR7MAZ
K5IB
KT2C
RA3QUA
RN3CT

250

AA4U
JH1IAQ
JH3FHQ
JH5HDA
JR1IZM
K4WNW
K9GWH
N4JT
PA7TWO
RU0SN
SM7GIB
W2JLK
W4AG

W7HR
WA3F

249

9M6YBG
DK3UA
JE1VTZ
K4ST
K5DHY
K9NR
KJ7M
KK0M
OE2GEN
ON6YH
PY2GG
W3ICM
W7AH
W7CD
W8UN

248

DH0GSU
G4XEE
JH1SBE
JP1LRT
JR1VAY
JR7XOD
K4PB
N2DPF
N4PYI
N4TOL
ND4X
VE1JBC
W2KA
W5VQ
WB8ART

247

IK6OIN
JJ6DGP
JS6TWW
K9OT
KK1W
LA5SJA
LA6OP
LA9GX
LB7ZG
N9JR
NG7M
SP5ES
W8IW
W9CSX
W9EWZ
W9MO
WA8WV
XE2D

246 EA5RD HB9EFK HI8R K0DD K1SM K7KB KF9UG M0CSD VA7ZT W2/CT1GIF W8GNM W9LN WB8CQV	SM2GCQ W6AER W7LGG W8UV WD9DZV	AF4HX DL2RUM JA1OVD JA1QXC JH8MZF K4YJ KC6X KW4V N5BO NA4EA NU4I VU2CPL W4GIW WB0O ZS1A	RC2A S51NM SM5ARL SM5FWW W1EQ WB2BIN	232 7K3QPL AA9RR AB4SF AC4VM I8LWL IT9AAI JA7KE JH1FVE JH3GFA JI3CJP JO4JDU K4HQB SP6AXW W0GG
245 AA4A BA7IO BH4IGO F5NBX IS0AFM JA0KJD K2HAT K3VAR NY2NY UA9FFV W2FV W4GE WC3W	242 AA0MZ BA4MY DK3PZ EA3EQT JA3MHA JG1SWM K6MKF K8AJS N1CGP N4OA N6PEQ WA9GON WQ6Q XE1H	238 6K5YIA IK8GJR JG3RWX K1BZ K9JU KL7TC KQ3F N7WO W2LE W3BNN W5DNT W6YOO W8CZN WA6G	235 AF5CC CT1DOF DK2CC EC1A IZ5MOQ JA4DHN JA8WGX JH1UBK K6ZZ KX4TT LA2XPA N1BZ N6KZ OZ0J S54A W6AEA WA3WZR	231 DH2PC EI3IO JA9RT JF1WLK JH4CBM K1ZJA K2CBI K3OX K4MF OH1TSM SP1DSZ W2PP W3FOX WD8PKF WK8A
244 DJ3XG DM2RM IK2RZP JF2OZH K1DJ K8ME KN4PPD LA7QI NH6T/W4 RT5A W7HPW W7IU W8MJ W9HBH WA3I	241 9A5F EA5GPQ HL5BMX IK7FPV JA0MRW K2RU N9XX NJ7G PY2WC W8BBQ WP4EJH WV9L	237 FG8OJ G4PUQ IK2DZN K1RV K4KAY K8EAB OZ1IKY W5RF WB3JFS XE1RBV	234 I8MTQ JH1OGT JJ1KZZ JK1AJX K2FW KC6JAM KR6C N7WS NE3F SP7ICE VK6OZ VU24DX W1WC W5PJR W6JZ WV4TN* WV6E	230 EA5BRE IK2ANI JA2NNF JR5JAG K1LT K9ALP N4IQ OH3OJ TA1CM TZ4AM VE3SKX VE3YF WA2USA WA4DOU WA8MCD ZS6NJ
243 4X6ZK GU0SUP GW4BKG HA5PT JR0QFA K6ZP N4HID ON6KE PZ5RA	240 AB0CT CU3EQ DL2RTL HB9DQV JE1HRC JH2VVH K3NQ K4WM K4YYL K8NK KS3F LA2GH NA2M* OZ5HP RN9N VE7BV WI8R	236 AB1J IZ0NRG JA0PE JA6CBG K1FEV K1NJ KE1VT KE4UW KT1J N4AL NA2AA NA9Q	233 AE0P AL7TC EI6IZ EW1P HB9IIO JI6IHG K0CS KI1U ON4ATW W6DE	229 AA9GR DK8IZ I0MWI JA3UNA JA7MNF

JK7LXU JP1GUW K2TER K7LV KK9H KO8SCA N6PAT OH8NW RD3BD W1OP	ND3L SM5CZK UA0FDX W3SB W7SX WV8DX	SV1CQN VU2MSA W4SK W5GA WO5I	W5LO W5RYA WB2KSK WB7BBQ	W8HMK WB2FUV WI7P
228 HL5OC JA0CIU JH1RVQ K1RH NF4A PY5CC UX5UO W1TO WA9BZW WB0N	225 4X4MF AJ8B HB9HIT IK0CHU IZ0GYP IZ2FOS JA1QIW JH8UQJ K0THN KK4OK N0KV NU1O PP7LL SV3AQR W9YSX WE4S WN6K ZS6UT	222 EA2AGV I8YAV K5VR K9GA K9SG KG4CUY KJ4R N2SQW N6WT NO0B W3MR W8CD WE1P WV2I WW8RT	219 CT1BWW EI2HY G0VXE K4VNY K5JZ K6TAR K6UNE K9UWY KF6HI MU0FAL N4PL N5ET	215 AA8SW HA5CW HB9HBZ JR1CAD K0HD K6UM K7LAZ LZ2ZG UT6UA W1XV W3BJ W7IV
227 EA1RT IZ7AUH IZ8MBW JA1JYE JO1LVZ JR1EFG K3WWT KM6HB N1JP N4HN PP1CZ UR5FEO W4ABW W4RDX WB7B	224 IK2GAJ IK2UWA JA1NLX JA2MNB JF1KML JJ1JMZ K4WFM K8QKY KR2Q KV1E N2NW N3KV N7DED SM0MPV W2NRA W6SFK WA3FRP WA3GNW YB1AR YO9FNP	221 DK7YY IK1UGX JK1DDG JM1ESG K0AZ KA4RRU KM4HQE N7NG PA0ZH SM3PHM SM5BMB VR2CH W2DXE W6KK WF8R YO2DFA	218 EA1JO IK3DVY IK8UHA K1JIU K2BA K7UT KC2SST KI4WCQ N9PGG NV4B OH2LHE WA5NFC WQ5R	214 DF2UA DK5RL IK0WRB JA2ITK JA7JPZ JL1GYZ JM1HJG JR3ADB N6DX W6SL WY6N
226 9K2GS DL4NBE DL5XL G3WW HC1BI IK4MSV IT9ODQ JA4SSM JA6OXT JH1FNU K0GW KA9UVY KB9DAK LZ2XF N4SC N9KW	223 AG7N HA5BSW HB9KNY JR7ILA K4ZRJ N4XYZ SP5MXZ	220 7K1CPT 7L2QAD F6HLC HB9HVG JA4FM J11WLL JK1JAS K3PU K4JUJ KK0DX KK4OW N3KN N4AOE N5QS VU2LBW	217 AA4AK AA4FL DH3KM DL2NOM EW4C JE1GWO KV4AA N1MD N6QI NA5Z SP5ELW VE1DUN W0QQ	213 EI8IU G3SBP HB9FBG I1YDT JA0EVI JA4MMO JJ1KXB JR3VMJ K0NV K1RI K5CWR K6IPV K9RT KF7F N5WA N9SF RA0BA RT0F W2RIJ W3WH WP4CQ XE1J*
			216 7M4CLF JE2KSM K4JKB K6EID KX2A W5JMW W6RKC	212 AH0U

JH7IQQ K1JD K3JM KZ1W N6NU N8NA WA1PMA WT4Q YV5LI ZL3PAH ZS2Y	VE3YXO W5THT W5UQ WW8W YO4AUL	KZ9DX LA7EIA N9LJX SP7CVW VK2CA WU4B ZS1DX	K3SUI K5FXB KC2STA KD5R N3PS N4KM N7NF N8BJQ NE8P NK7Z OZ5NJ VE1VOX YE4FNN	W4WN WA6HBR
211 AA4LR DL5MHQ K2EK K4WES KQ4EE KV4T N6OJ W3FI W8QZA/QRP WB8B	207 AA6RR G4FKA HL4CCM IV3KCB JA4HXF JA6ENL JH1IZR JI8PDC K1ZE K3FM K3NF K8AV KS4YT PY2RO W2CG WS1L	203 AA4DD AA4FU AC9O CX2CC EA5AT F2NH JP1EWY KF0LA NA2P R3IS R9JX RV4LC SP3EPG W1OK W8BLA WF4U	200 DJ7JC IV3TDM JA1VRU JA4GXS JG3KLF JT1BV KF2OG KM1C N4MI N6MXU OE1ALW W6HDG W8JA WA5IPS WC2K YB1TJ	197 AL7R HP3TA JA1BNW JA1KXT JA7JM JH0AKV JR4CZM K4KEW K7CTV K7GA N5TU W0PE W1FA W1YRC W7WZ WB8BZK
210 AA4UC EC1AIJ F1ICS KW9U VK2AAH VK3FM	206 DL2RD EA8MT G3KMQ HB9BOI K5QX K6QU KU8X W0OGH WA6TLA	202 CT3DL DJ8NT EU1M HB9CRV IZ4DIW JE4FNC K1ACL K3XO K4GO K5DCW K6SRZ KA1J KE6FV KK8MM NW7US RX3BP VU2IBI W0MS WA6URY WC4X	199 K0LB K3DFL KB4MRX N8BK SM0DSF VA7DX W2YR WB5NHL	196 AC9S JA6IVR JE1IBI K2AJY KW4CQ LA5LT N1GC N2AJ N7NW NU1T S50B SM5ENX TF3DC VK3KE YB1RUS ZL3RJ
209 BV1EK DL6UNF DL7JRD G3XLF IW8CGX JA0GCI JA3AVO K4GK RA3BL UR9IDX WB5STU YB2DX	205 AD3C G4NBS HB9CQL JA1XRA JA7DPC JR0AMD K3SX NW7M W0RSP W3ACO W4UEF W6FL WA7BNG	201 AC6BW AJ8MH IW0BYL JA3LDH JA8LRG JS6QOM K0ABC K1PL	198 AB2E AE4M EA1KP EI3CTB HB9AWS HB9DVO HL2ZN IZ0BVU K0OK K4WY K7LFY N2RR N3ND W3HKK	195 AA3TH IK0UTM IK4TVP IZ0BTU JM1JZN JR2PZX K4AR K4GHS K5UZ KR0O NA6MG NA9A TF3JB W1DYJ W6BK
208 DL1DWT JA7FAS K8ZM M0HIH N2KI N2RJ N3XM N8VV RD9M SM6CLU	204 9K2BM DK5HZ DL5KUA HB0WR JL3DGI KD3HN			

194 JA0AXV JA1PVX JA3WMS JA4CZM JL3OUW K1EFI K1GE K2ZD K4WZ K6MM KC9K KE5BR KM4NS NY1V OH6NIO UA9MC VA2IG	DL4FAP GM3WIL IK2WPO JA2ODB JG1LRE JR4LZX K1XE KE3D KE8UM SM4OLL VU2DCC W8TM WA9JWL	NU1B R7CD VK2GR W2PD	184 HB9VAB I7PXV JA1SGU JH1AWJ JK1NPH K2TV K3PP K5GH N3OUC N7RD NC7B NW6S SV8RX VK6LC W0FG W6DX W6WA W7CB	N7TM PT7DX W3ML W4LEW W5WP WA8LRW
193 K4JLD K6XN KD8RQE N6BM N9AOL VE1OP VE7TK W4AFB W4NBS W4NE W9BS WA9MAG WB3LHD WC4H	190 AB9M EA7QW JH2AJY JO3WHB K1VI K2SY KG8CW N3RW NN2D VE3YV W1EBM W2WC YB4CHP	187 AC5AA AK5Q IZ0FYW JA1GVT JA3BKP JK1SQI K4JWA KL7TS N1NU N8TFD NZ5O SP5LKJ UR4IOR W8NN WX2U YO3DDZ	183 AD5WB EA5HM JA0BES JA1ITJ K8YYY KD7H KM8AM KM9E N7GCO PY5IP W2ZI W8FN	180 JR6GV K3GGN K8YSE W0MU W0UC WB9W YB1RKT
192 AA4NC EW4DX HK3PJ I0LYO JF7NNI JI1MNT JJ2VLY K2RET K6JJ KB1HY KK5OQ N0STL OE3KLU OH3FVP W0TM ZL3TE	189 CU3AN E70T JA6JYM K0PX K4WJ K5TA K5TN K9AQ KA6BIM OZ1HPS W1ITU W1NA W5VU WA0SXV WW0E	186 F4FLF JA1UOA JF1MTV JT1CO K0VM K6NR K8SIA K8WVA K8YE KE8G KW1DX KW4J ND4V NN9X W0JMP W4DAO W4PNY	182 AA4EA AF2C DJ3AS JR0RBY K7LAY KC1ERO KE9U LA2IR M0IKW N1QY SV8LMQ W2FDM W7IUO WT2P	179 AC4TO AG4Q EA4UV EA5AR EI5GSB IZ4DPV JR4VEV K5RJ KO4PRE N0TR N1IA N4SV N7KDT N9IO NI3P SM0NUE SM1NJC TF4M W4AO WB2WPM
191 AA8KY AJ4A DL2JIM	188 DL5EBS F4WDL IZ1JMN JA7XBG JA9IWR JE7BUH JK3GWT K5HK N2ZZ NG9J	185 DL2SWN JA0AVS JA3UOQ K0IL KM4VI LA8WG N4BAF SM0BYD W0QC W7QHE WA4NUF YB1TQL	181 HB9GWJ K8BN KD4POJ KR4U N3AIU N5FEE	178 HB9BMY JJ1BDX K5CR K6IPM K8WHA KC4HN KF4VTT NT9F TF3VS V51YJ W3DQS W4AEJ WB4SON XE2YWH
				177 7J1ADJ AE4CW

DF8FT	W4MA	AK7O	W9GXR	K6ME
GM4KHE	WC2C	DK4TP		KK4XL
IU0ICA		IT9IPQ	168	NJ1H
IU8IYE	174	JA4FKO	3A2MW	TF5B
JA1VRY	BG8PA	J13BFC	CT3CD	W1AW
JA8NFV	IK0XIH	JR1LZK	DK3QM	W2KNG
JH8FIH	JA0JPD	K0HB	HL4XM	W7JW
JK1EBA	JA3EY	K0KP	JA2LHG	WB4YDL
JM3GXU	JE1COB	K0SRL	JG1JPE	
K4NTO	K4SAF	K4AU	N2YF	164
KN4JX	KA9OKH	K6EGF	N7MQ	AA3AZ
LB5GI	LB8OH	KD4W	N8NB	AK4AO
LX1CW	N7JB	KE2M	N9DR	DK6OR
N3KS	UA4PK	NI7F	R9MJ	G4FTC
NA6O	V51B	OZ4VW	VR2MY	JA2BUR
OH3PYY	VR2XYL	OZ9XU	W4OWY	JA4DLF
SV2BXA	W0IKD	TA1L	W5WI	KI6MQX
W1DAR	W9KVR	VE3NJC	W6SIY	KK4CLY
W4REX	YB4IR	W3ATV		KS8W
W5BK	YU1JF	W3KHQ	167	LX1KC
W5UHQ		WB6BFG	JA0NZR	N0LD
W7VS	173	WF1H	K0EOO	N7VPN
	EA1DLU		K6LPO	N7WI
176	IK5QPS	170	N4IG	PY2ADR
AA9D	JE3FOR	EA4DEI	ND7K	R2ARR
DF3EC	JK1MZT	I5FLN	NS3L	W7YW
DS4NPL	K7STO	IK2WSO	R3BB	W9IL
G8BCG	K8EB	JH1RFM	W7FI	WA7HR
JA1UBZ	K9UQN	K8JE		
K4MV	KI2D	KB7AK	166	163
K8KI	LU4FW	KC5LK	4X6UU	AC7ZG
K9QJ	N1KC	KS4XQ	DL8DWL	DS3EXT
KE4BKL	N6FS	N1HO	EI7GY	E73D
KS0M	NU4B	N4MEC	IW1QN	IZ0CKJ
N0ODK	RA9SC	SV2JU	JS1MRA	JA0ED
N4NW	VU2CDP	TF3Y	KL7NW	JE6PJP
NC2Y	WB4KTF	UA0SC	KM7R	K0BRO
OZ3SM	WB8EKG	UA1OM	LA9KY	K0QQ
VK2HV	WY9V	W4DN	N0AH	K0SD
VR2XMT	XE1GLL	W4HZ	NZ3M	K9IA
W1MR	ZS1J	W6PG	PA0TCA	K9MMS
W4KA		WA2VQV	PY2RN	KB2S
W5SUM	172	WB4GLI	VE7SZ	KD4EE
W9ROG	K7FEL	WW2DX	W5FPT	KD4SN
WA5POK	KQ5S	XE1FAS	W7VY	KE3X
WA8RCK	N6ZN		W8SAX	KP4N
WC2L	NK7C	169	W9ZCL	LZ1XL
YB2TS	PT7ZT	AC8L		N2CG
	SM7WVZ	DL6NW	165	N4GBK
175	UY2UZ	IK0WMJ	7L4VYK	NX8Y
5T5PA	W9MAK	K2TK	DF1ZN	VU3CAU
JA3VPA	WK9U	KA1DJ	JA2OLJ	W1FC
JE2SOY	WN7J	KT8D	JA3EEM	W1MRH
K2RNY	WP3R	N6EM	JH1GNU	W8VI
K7YMG		N6RK	K0KV	WA5NOM
SP5IXS	171	N8AYY	K1EO	WB2NPY
VE4EAR	AD6ZJ	W6WF	K5LY	WB6CJT

YB1BML	JA8EIA	JR1HYA	DF2WF	NZ4DX
162	JH1XFR	K2CYS	G6MXL	OD5YA
F1OBJ	JQ1PCX	K4RDU	JA9KRO	SQ7FPH
F6KOP	K7CU	K4SX	JH3FCF	VA3OKG
JA4RED	K7PT	N2GZ	JL1EGW	W1LE
K1LTJ	KA3GWD	N5TF	K7ORK	WB0ULX
K3VPZ	KC2NJ	NA4MM	NY4G	151
K5ZQ	N1ZZ	SV4FFL	ON5EQ	AB4GE
KC9WPS	N2FF	W4CC	PY2SEX	DS5JMG
N4QWZ	N4ST	W4DEE	VU2ABS	EA3HDZ
OZ9U	N5JEY	W4PGM	W0BM	EI5JL
W4ARK	OV5O	W4YCH	XE1EE	JA6CMQ
WB2HJV	SV1XV	W5TUF	ZS1C	JR1KBJ
WQ8T	W3KB	W6RFF	153	K1EDG
XE1L	W3WST	W8WM	AC8TO	K1ROA
161	W4CCS	WF4G	EA2BFM	KA6RWL
HK6K	W5IP	YO3GJC	HC1HN	KE6V
IV3FFI	YB3MM	156	HL1VAU	KM8V
JA4CSJ	158	AA7XT	IZ4IRO	LA9VBA
K7UW	BA4TB	G7SSE	JA7JAA	N3AO
N2MFT	DL7BO	GM0VRP	JF7RJM	NR0Q
N9LEO	EA1P	JA2CKK	JH2NWP	VE6TL
W1HEO	EA5RU	JA8RRF	JH6RTO	W4DVG
WA0WWW	GW4TSG	JG1XBM	JI1VVB	W6GJB
WD5BJT	IZ0FUW	JK1BIB	K7HC	W7JET
WR7Q	IZ2CSX	JM1JIV	KB0EL	W8PAT
ZS1EL	JA0ADY	JM1LPN	KE3ZT	WD8KND
160	JA6AVT	JN4FNZ	KU1T	WW1L
AE5B	JH0LME	K2HT	N4TD	WY0V
DL3ANK	JR3TOE	K8ROK	PF7M	150
F5AQB	K1LI	KN6VTC	VE2ACP	AF3X
HL1MKT	K3SF	N2YU	W5PD	EA2AAZ
IW5EIJ	K7BWC	N8SHZ	152	G4AFJ
JA1BON	KR4BD	N9AZZ	DD0VU	HB9TJG
JI1DMH	KS0JD	SM5ELV	DL8OH	JA7MAD
K2OP	KU2A	SO5AS	EB3CW	JA7PKV
K3WGR	N4QM	W5EW	HB9AGO	JE4CIL
KJ4YLO	NA5S	WA5KBH	J68HZ	K9ARZ
KK4CB	NC6RJ	WA6EZV	JA2ACI	KC2WUF
KN7Y	NV4A	YO3AIS	JA7NGE	KE6XL
N1RK	SV3KH	155	JE3PCP	KN7K
OE3JAG	VA3AYA	K8SL	JG1GJH	KY6AA
S53MJ	WA0ROI	KA1API	JH1CTV	N0VVV
W1AO	WQ1H	LU2DSL	JH1HRJ	N8IK
W1ZS	WY1G	N1SZ	JJ1IRS	NM4SH
WB8RFB	WY7FD	NA1DX	K2MK	UW7UA
WQ5T	XE1R	PA5X	K8BB	W7NN
159	YO6HOY	UA6XT	K8ZZU	W9QO
CT7ANG	157	VA3NXM	KH6P	WB2KSP
DL2AMD	9H1AE	W0KCY	N4XMX	WD4IXD
DL6DCD	AC4BT	W8VK	N6KK	XE1YD
EA1BLA	AK1P	WX0Z	N6VH	YB2IQ
JA1DCK	EI1DG	154	N9ATF	149
	IV3AVQ	4O3A	N9OY	DS2BGV
	JA7FVA		NE0U	

EA7LS	NO9E	AD7L	IZ1JLG	VK3MB
EI4BZ	NS4X	AD8NQ	JH6WMJ	W0SR
G3PSM	OZ9GA	AG5CN	JR3QHJ	W2KP
K0FLY	R6TY	AI4QQ	K3RWN	W4CMM
K2KIB	W9MR	EI5KO	K4EU	W4UDH
K5KG	WC0W	HB9BNQ	K6RI	W7TUS
KD9ZR		HK1X	K7RAN	W7VAS
KF5WCP	145	JA1JYS	KF3N	WB3AVD
N7KO	9H1EJ	JA3PRM	N4LV	WB9B
NC1M	A92IO	JA8ANQ	N5HC	
NN6K	AA5B	JK8VMB	N6VS	138
PP2FN	AA5N	K0CF	NU4Y	AB0RX
SP1NEN	EA5B	K0RAR	RA0R	DS4DBF
VE3FAC	EA7AZA	K8RMC	RL3BZ	EI3ISB
W0AIH*	EA8RR	K9EXY	SV2DSJ	HB9EBM
WA4QMQ	HB9ZS	KJ7KOJ	W3/NH7C	IZ1JLN
WF5I	K8OS	KO3F	W5AP	JG3KMT
	KB8DID	N4FN	W9COS	JH1ORA
148	KJ6Y	N9MR*	WA3YZD	JH3PRR
AK9B	KM5VI	OK1WF	YB2BNN	K2AX
DM6MA	N5PA	OZ1OXQ		K2DC
EI2IP	NK5Z	W9MB	140	K9BQL
F5NNN	TG9AJR	WB8TGY	AG1I	KI6CG
G0THF	W3KN		AG6HE	KK5J
JE3OUW	WB1ATZ	142	E70X	N7FF
JE7RJS	WX3P	EA2AA	EC7B	WB4DNL
K8GT	ZS5LEE	HB9BEM	G4SGX	WV4V
N5TW		JA1CPU	HL2DBP	ZP5YW
N6BDX	144	JH0WYT	JG2LGM	
NO2C	AD4AA	K3GT	JM1CMA	137
WX2CX	AE5FM	K4YZ	N4DWK	HB9HHH
	AJ6X	K5ZD	N4LSJ	K2UF
147	DL1MEV	K7AWB	SM5BNK	K3HPA
AG2O	DL4ZAB	KE5FXE	SV1BYI	K3UW
CT1ETE	E77S	KH6XT	W5SG	K4GM
HC1HC	IW1PUR	KO4PY	W7PC	K7QBO
JA0GZZ	JA5XPD	KU9S	W9SE	K9XT
K8CR	JA7MWC	NF7D	WA3GM	N0JR
KF4ZZ	JE4RAL	NI4Y	WF4W	NZ6N
KM1R	K3HW	NN5E	WR2G	SV3EXP
LA8PDA	K4ZMV	RM4C	YO3JF	UA4HAD
N8KU	K9MQ	UT9LC	ZL3REX	W2CQ
N8PE	KF7NN	VA3HP		W4PGC
VK5CE	KI3O	VK2DAG	139	W4UT
W4HOG	N8IL	W0ZS	I8DKR	W8YV
WB3D	RA3AOS	W6QO	JA5JUG	WB7QXU
	TA2RC	W8EOG	K4HEB	XE1SAX
146	UN7BK	W9VOB	KA5SYP	
9J2BS	W1RG	WA4MIT	KE4KMG	136
AD5MD	W5WLA	WO5D	KJ2U	DD0VE
IZ8EYN	WA4USA		LZ1XZ	DL2VWR
JA1SZN	WB2RAJ	141	N1KM	DL4FDM
JF2RSF	XE1ILI	AC0B	N5OP	DS4DRE
JH4GXE	YB1AYO	DK3TL	NG0G	JA1EYN
KE0A		DL5MM	OT1A	JQ2MPJ
N3KR	143	DS4OMS	SP5AMN	K4OP
N8OQ	A61BK	IZ1JIZ	VE9VIC	K7PO

KX6C	K3MSB	K5MT	KX4I	KE4S
ON6MX	K6CF	K8CJY	N9RE	KF6A
ON7DR	K6DJ	KB2XJ	W3UNX	KG5POL
PA5CW	K6EV	N1BKB	WA2MUA	KP4DS
SK0QO	K9BO	N1ZJ	WA3SKQ	N2MN
W8MIL	KF9AF	N9XG	WD1M	N3GTG
W9KM	N0TK	OE6BME	YU1LD	N8II
WB8QZM	N6VNI	PY2OP	ZS2ACP	NA2U
WG0G	OH3TY	R0QA		NB3R
WW7Q	PY2FUL	SV2CLJ	129	NL8F
YB0MWM	RA3CO	VE3NKS	AA4MM	NR5O
	RW6MBC	VU2DED	DL8UAT	UA0ABB
135	TA1PB*	W0DD	G3VQO	UA0AV
AB9KZ	UT7EC	W6TK	GM1BSG	VK7AP
CU3EJ	W1MJB	W9KX	HB9EXQ	
DL3JFN	W1ZK	W9RB	IU4BJC	127
G3CWW	W5RDW	WA4VJK	JA1DCO	9M8DEN
JA3MIO	WA1LAD	WB1ASL	JA7BEW	CT1ELF
K0GEO		WB2UFF	JH8UGL	DD9WG
K2DF	133	WU7X	JQ3TAN	DL5KUT
K3DQB	9A3IE		K0ARM	DL7LX
K6UXO	GM5YTT	131	K2IRM	E74A
KD1F	JA2CPD	AD0K	K4KU	F4GTB
KN4WOJ	JE4KCN	C31MF	K6OJ	F4HAB
KX5U	K0IO	DM5JBN	K8LBT	HB9ECS
LB2TG	K2FJ	IZ0GVZ	K9JDP	IW0ECV
N7MB	K2KJ	K2CJ	KH6DX	K4DET
NC6K	K2OO	K3GO	KN9N	K5ALQ
ON4AGX	K4TXJ	K7CMZ	LA4RT	K9CHP
SM2DMU	K5VG	KG4OJT	N0ATQ	K9GL
UY0MM	K9AAN	KM2O	N5MT	KA1CTL
W0JW	KB8ZUN	N9MB	N8AGU	NP3CW
W3NRJ	KN4OK	NA6XX	N9ATD	PA3AIN
W4KCM	N4UW	RM6LW	SM2YIP	SP2JLR
WA9DU	N6DVR	S51MA	W1KMA	VU2NXM
WB1S	NT5O	VE3QAA	W4EJG	WC4B
XE1MW	PY2CP	VE3VV	WA2BOT	YO4CPO
YB0EIN	W1JMM	VE7VZ	WB9PNU	YO8PS
	W4GHW	W4CIR	WM9Q	
134	W4IR	W4IDX	YB9AY	126
5P5Q	W5CWQ	W4LIA		AB4FH
AA2T	WB5TOI	W7NP	128	AC2QH
AA5TL	WI0E	WA6VZN	7J1ABD	CT7BQH
AC7JM	WM4AA	WC4V	AB1NS	F5EOT
CU7AJ			AE0MO	FM5FJ
DL9QJ	132	130	EA5ZR	JF2OHQ
EI2JD	DJ5DT	DK3BK	EW4A	JH8LEY
G4AYU	EA3NG	DM3CW	IK8PGE	JI1FXS
HB9WDF	HK3CW	EA5GXI	IS0/YO3RA	JL2ULM
HP2NG	JA5CDL	ER0FEO	JA1ERB	K1ETA
IZ2MHT	JE4WOK	I4UUL	JA1PBV	K2RKJ
JA2LMY	JG1WNO	I7LGM	JA6SQR	K4RSA
JA6GXP	JH4CPC	IZ5FSA	JS6SCC	K9LCR
JA9EEH	JN1RFY	JH1BHW	K0MB	KD2SC
JE6UWU	K1AJ	KD5RBU	K3CWF	KE1B
JF3AHI	K1GND	KK9T	K9AAA	KM2E
JL6USD	K3GW	KM3J	KB8KIM	LU7DW

NM1G
ON4LG
VR2CO
W0RXL
W1BYH
W4EY
WB2AA
XE2MX

125

AB2NI
AK0A
AK5X
EA4TX
G1VDP
HB9ANK
IZ1EPM
IZ8DEO
JA6SUY
JJ2BLV
K1YR
K4AEN
K4UU
K9UC
KB1AWM
KC4PX
KG1V
KJ4FZ
KW4BY
LU8ADX
N3TR
N8JS
ON4EB
W1KDA
W4FO
W5XU
W9FF
W9JJ
WF8Z
WS1F

124

AF3K
AG3V
DJ5FZ
DJ9FK
DL5ZB
F8EZE
G4EXD
IK0SHH
IK8TEM
IN3FCK
JA5IBP
JH5OTE
JR4DHK
K0WK
K1XO

K2JK
K4IU
K4MIJ
K5MMH
KD0AA
KK4TKJ
KL2R
N4GOA
N4LKB
N9AVC
NJ1Q
NX1P
SP9IZV
VE4JBB
VU2MB
W7IMU
WF5E
XE2AU
ZP6CW

123

DL3DUE
DL8SDC
G4ZWY
JA2HOL
JA2QCX
JR0GXA
K5RKS
K8ARY
K8FB
K8ZT/QRP
KD1AB
KE8NOA
KV8P
N7ZA
NC8I
NJ8G
TF1A
W4DWS
W7YED
W9RXJ
XE1AO

122

EA1T
EA7AN
F6FHZ
GU4YOX
HB9HFM
JA1IHD
KB0V
KD6WKY
KP4DDY
M0VCB
N0IW
N1UZ
N2TC

N4PAJ
N5MI
N5ZY
N8WXQ
NE1RD
SM2EJE
W2GHD
W3MF
W5TZX
W7GB
YV4DYJ
ZS2I
ZS6RJ

121

AA6XV
AA9WO
AE1T
DK3FB
G4RGK
GM1TBW
IU8GNY
JA3VUI
K3OK
K5GM
K5PC
KB4KBS
KC6ZBE
KE1IU
KY5I
N1QAE
N2SG
NX1Q
OK2ZDL
PV8ABC
TA7AZC
VR2IL
W1GF
W2GGY
W2RQ
W3IZ
W4CU
W6CUA
W6GRV
W8BI
WY4I
YE1AR
ZL2AO

120

AA0FT
DL7UGO
HG6IA
IK5BSC
JA1PLT
JE1TNL
K2SD

K5GZR
KE9UA
KI0HA
KM4A
KU3G
LA2XNA
N4HUF
N5CR
N5SIX
NG4DX
NN5O
NQ4A
OH3GGQ
PT2ND
S52R
W3JM
W4UAT
W5MF
W8LIG
WA9IVH

119

6K5AQY
A71AM
AI1W
DF1IR
DH8WR
E29TGW
EA4DL
EA8TZ
G3LPS
G4DDL
IU8LMC
JA3MAT
JM3XZC
K4MQL
K4TMG
KB3KJ
KE7BMG
KF0RQ
KG4IYS
KM4CQG
N4UFP
N4VN
VE3MSC
VK4BUI
VU2AE
W0ZX
W3NS
W5JE
W5WS
W9WO
WA1EHK
WB5KSD
YB0AZ
YB0NFL

118

A65BD
AA7UN
DB9CR
DJ3XD
EI8JX
HC1E
JE7KQU
JE7OEC
JH4GNE
K4BYN
K7LY
KA5JSM
LA9XBA
LU9DO
NA2R
OE1TKW
OM2NW
SM3DXC
SM5BFJ
W2EQ
W4ALF
W4DFU
W4DTA
W4RQ
W8VVG
WA8COB
WB4PWZ
WB5ZAM
WD6T

117

AC4XO
DL2OW
G3YFE
IK1RKN
K4RP
K4TR
K5HX
K8MN
K8RCT
KC7CS
KG4URP
KL7XO
KQ5M
LA4JGA
MM1PTT
N1GFV
N2SU
TF3G
W0ZAP
W3GP
W4MOT
WA1HXX
WL7CG

116	WB8LEM	KA9JAC	AF6PK	W8TE
F5PBL	WM4W	KB5HC	AI2S	W9GG
F8DZY	WT9U	KD9BIE	EI2HIB	WA2ALY
G0HIO	ZS6NK	KI6RRD	EI5GM	WA4RYW
G0UII		KJ6YK	EI8IQ	WB2BXO
IZ8EJB	114	KX7L	EI9FVB	WB4HMA
JA6TNY	DL6WM	LA2LI	G0RPM	YB8HZ
K2GLS	DL7AA	LB8CA	HB9GZE	
K9SUH	EA4S	N2XQM	JP1PZE	109
K9TVG	F1RAF	N4MIK	K4GN	AD0TR
KB7V	G4YCS	N4UP	K4NNQ	CT3FN
KC3AK	HA2EQD	N4WD	K8CMO	DJ6OZ
KK4ODQ	HA5DI	N5PD	KG6D	DL1SWN
KM6WXB	HI3I	NC4RY	KL7XD	DL2NAI
N5EI	IW7DMH	SM7CZL	LZ1MDU	DL9SAD
N8AID	JA2DCN	TG9NX	M0RTP	GM0SCA
NJ2X	JE2DOD	VA2EU	N9NFT	HB9CPS
ON7TK	JL4BSE	VA2GA	NA8W	JA0HXV
VA6SZ	JR5KQF	VU2OT	NO3U	JA1DHY
VR2CC	K0PC	W2RDS	NZ6L	JA1FVS
W1GY	K5NV*	W4LZW	OH5NS	JA1QOQ
W2ZK	K7PTC	W4MBD	PY6TS	JH3AEF
W4BH	K9KDS	W4VG	SM5CSS	JJ1SZA
W4TUN	KA9TOX		UA4PT	JN3XEZ
W5GOL	KC9GHA	112	W2GM	JT1DN
W6ELI	KI4TZ	AC0W	W2VT	K0MFI
W9LU	KO4DKI	AF8C	W4BR	K4LQ
WA4TMJ	LA3ANA	G4NAQ	WB9WHQ	K9KJ
WN1M	N3NVA	G6NHU	WD0AJG	KA2F
	N9ETH	I2YPY	WM0G	KC5N
115	NE5W	IS0MVE		KK7YC
A71XX	NX2X	IU4KET	110	N0AMI
AK4N	NZ0O	K1TKL	AB8M	OH4KRN
CT7ABD	PV8DX	K3SUK	AC6T	PA0QRB
CU2AF	RA5C	K4RM	G0GFC	SM0BSO
DL4KUG	RA9SAS	KI0G	GM0VIT	SM0EUI
F8GB	SP2LLP	KI0KN	JA0EBV	V31CQ
G4EHT	VR2VGM	LX2SM	JA5EEU	VA3VF
G4HUN	VR2ZXP	N2BSA	JA9KA	VE3KKB
IZ7QSS	W8FAX	N3TTT	JP1GVC	W1RH
JA1CC	WC9C	N4PHH	K2GW	W2FDJ
JN1SUT	WN0L	NT5EE	K3RRR	W2NY
K1QN		OZ6TL	K4VAC	W4AVY
KF2TI	113	SP9FWQ	KA4H	W7WT
KR4Q	4F1OZ	W0LGQ	KC3RKW	W8ILC
KV3W	AB5GU	W3KHZ	KF8PD	W9LX
N1ECC	DJ0AH	W3RSR	KJ7NO	W9TO
N3PV	DJ9HQ	W3XX	N2KX	
N8TEM	G4GED	W5EC	N4UC	108
NA9L	G4VWI	W5MJ	N5QZ	7N4OBV
NT4K	HB9MZI	W6BBS	NT6AA	AA2F
OZ7BQ	IZ3DBA	WA8KNE	OH2PV	AC4FZ
R2AB	JA5SEY	WB6PIH	OH3DP	AG4TO
S51DV	JH3EQP	WT3Q	SV8RMA	DU1IVT
SM6WET	JK1WSH		W4OEP	EA3UU
TF3DT	K5QY	111	W4SKW	EA4D
VU2TMP	KA5OWI	AB5YI	W4VAB	EC1AE

EI6GI	W1USN	JA3KWZ	KN6HIP	W4PG
F5VML	W8PE	JA5GOJ	N0SL	W4YR
IZ4GOL	WA4OTD	JF3KOA	N3YZ	W7KKC
JF1KIG	WA7HQD	JG5VFK	N4NYY	WA2VJL
K6DLB	WB2MKX	JM7TKK	NA4D	WA3PAK
K7LOL	WB4EVH	K1PU	NB2P	WT5L
K7QA	WB5TEQ	K4UQC	NE3K	YB1SKR
KB1W	WB8PKK	K5WE	NS4F	YO2OXD
KD8DEU	WZ9B	K6BLG	NS7K	
KT5V	ZS4JAN	KB2GCG	PY5VC	102
M0AQM		KD2CYU	TA1AL	2E0OOO
M0PCB	106	KD8BZY	UA9AGX	DK1MCS
N2YBB	AA2VG	KE3A	VE3FRR	DL2DCX
N2ZL	AI4EY	KG5VK	VE7NS	DL3XAC
N3CAL	EI2FG	KI3F	W0YK	DS2GOO
N4LS	EI9CN	KY6J	W1CDC	EA2RY
N4WOT	ES4RX	LZ1JZ	W5DWA	EA4ESI
NG4C	F6ARS	N1AH	WA4IXW	GI4OWA
NW2I	G4WWG	N1TQ	WB3FHU	HB9BEP
PP5VA	IZ2IPF	N1XL	WU1T	HB9IBA
SP5UFK	JA1RBY	N3DD	WU6K	IC8XIL
VE1JF	JH1OVY	N5VBK		JA5ALE
W4OV	K1FUG	N8YQX	103	K2KNB
W7HJ	K2KYH	NZ4CW	AB8DG	K4QS
WA2ONG	K6GCN	OM4KW	AC0DQ	K6JAD
ZL1IM	K8RD	PB7XYL	AE7U	K6XJ
	K9WMS	PT2DF	DU3GKT	KC3OPI
107	KB5UNX	PV8AAS	F5VIF	KC8YG
AA5H	KF5BA	SV7CUD	G8GNI	LA5MDA
DG1LHM	KO4MA	TA1UT	JA1CCH	LZ2HM
DJ7PI	KS4Q	VA2LC	JA3PYC	N0OK
EA4FXZ	LX2KD	VE7ON	K0JPL	N4IR
EI4DQ	N2BT	VK7ZE	K1MDA	N9AKR
EI6GF	N4GRC	W3WN	K2AMI	NZ1I
F5DBT	N4PF	W6KF	K2WJ	OA4DGS
HB9ARK	N5RN	WA3IIA	K3LA	OK1DXO
JA9IPF	NA7RH	WB6JHI	K5VSD	OZ5VO
J14HKA	NH6L	WD0FYV	K8TLC	PE1DAB
JR3PKO	SM0XG	YB1BUL	KA7CVJ	SP5NON
K0XM	SV3RKM	YB7WW	KC3NIE	VE3DIT
K3IK	TG9AWS	ZL2DD	KE8Y	VE3XB
K3JRB	VE7UF		KG5NP	W4JDS
K4NI	W3CL	104	KN6KI	W4WNT
K5SES	W6IA	DB2WD	KS0Y	W8EH
K9BR	W8LR	EI8GS	KU4A	W8UQ
KJ4UZU	W8QW	HL4GHT	LA5HPA	WA8Y
LU2JCW	XE3ARV	JE2VYM	N3ER	WD8KRV
N6GEE	ZL3RIK	JG1LFF	N4DJT	WK3A
N7TW		K0MD	N9OI	YO6BHN
NA5WH	105	K3NO	NJ4V	ZS6HON
R9GM	4F3BZ	K3WSU	NN8L	
S57J	AJ6V	K5YE	NS7U	101
SP7ASZ	DK7GH	K6VVK	RZ6MJ	AA4QE
TF3MH	DS5RNM	K7IA	VE3XK	AD4J
UX5XK	GW0ANA	K9YKL	VU3RGB	BX5AA
VE3BHZ	I0BJV	KB3Z	W0PPA	FM4LV
VU3DJQ	IK2HLM	KC5LT	W2TX	G0MMI

G3VDB	AA1SU	PA3DTR
HS7WMU	AB3TM	PA3HGC
IK2SYK	AD9DX	PT2ADM
JA1KZP	AF6O	PV8RR
JA3AOP	AF7WM	SP7LPD
JE6JAO	AI6P	SP7QHR
J11IZS	DB3KE	SQ7JZO
JK3NSD	DJ0CL	T88UW
JQ1QGM	DJ4LR	VA6SP
JR1QLM	DL1TPY	VE3ZN
K0WJ	DL2RUG	VK2IS
K4MSS	DL5JH	VK3YR
K7UPJ	DM5TI	W0YRE
K8DTF	EA5BYP	W1MJC
K9EA	EI9HQ	W3DIY
KB1OIQ	G0WEJ	W3SW
KB9AIT	G2DP	W4CG
KC0V	G4FSU	W7BA
KC2SIZ	IK7NXU	W7SMW
KD2GC	IU2LFP	W8BZY
KD2NF	IW2FLB	W9ARG
KF5MDZ	IZ3GJL	W9GFB
KK4MA	JA1QEY	W9MCP
LU2NI	JK1OTP	W9ZT
N4ZR	JR2PAU	WA1KXV
NK7L	K0FTC	WA4UWD
NU0Q	K1GW	WB6RAB
NX6D	K1HC	WD4OHD
PY2YW	K1MLP	WN9A
S57NML	K2ITT	WQ9F
SM7GXR	K4KYN	WV4E
SP5BMU	K5JUC	YL3GDM
TG9AKH	K5PSN	ZP9CTS
US8ZAL	K7GT	ZS1IS
UX4UM	K7HV	
VE7XT	K7RB	
VR2PX	K8JRK	
W0QL	KA9JCP	
W0RMS	KB6IGK	
W1ES	KC5RR	
W2MW	KD1DT	
W2YWC	KE5MMT	
W3ATT	KF5TL	
W4BZM	KJ4SKO	
W4PM	KR4DA	
W6OU	KV7N	
WB1DX	M0IFT	
WB5HJV	N2CJN	
WB9ZNZ	N6DW	
WC6Y	N6RVI	
WD9IOK	N7TP	
WL7OU	N7UJJ	
	N9APK	
100	N9MKC	
9M2CQC	NN6CH	
A41ZZ	ON6JY	
A71EM	OZ2BX	