

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 07 Aug 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 K2TQC SP5EWY	342 4X4DK JH4IFF JR2KDN K4DY KF2O NN4T	N8DX W9IXX	K2FF K5NA* N3XX OE3GCU SP3EPK W0MHK W1YY WD5COV	K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK
347 K4CIA K8MFO N4WW W1JR W4DR	341 AA1V DJ6RX DJ9KG G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	333 DJ8NK GM3YTS HA5WA IK4DRY JA2KVD JA6BZI JE2URF JH1GZE JI4POR K0IEA K4MWB K6YRA N4AH N9IW PY2SP SM5CEU SP3E W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR	340 CT1EEB DJ2BW* EA8AK JA3FYC K4UTE K9QVB* SM3NRY W2LO	337 AA6YQ AG9S I4AVG JA0EOK JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WB6RSE	334 DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF*	
345 HA0DU OH1XX				
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 DF3CB K3FN K4MQG K5UR N4CC SP5CJQ VA3DX W3UR	339 DL4MCF JA1UQP JA5EXW JA5MHD K4XO K5RK N4CH	336 AA1QD G0JHC JA1BK JA1WPX JA5AQC JA5AUC		332 AA7A AD5A DF4PL EA5RM

EU7A	N4JF	I5NPH	NY0V	322
EY8MM	N8JV	JA5WIZ	SM5KNV	CT1BH
F6BKI	NO8D	JE2LUN	SP7VC	EA2IA
HB9BZA	OK1MP*	JH8RZJ	W6RLL	F5PAC
I4MKN	RA3CQ	J18DGO	W7AO	G0OIL
IK5HHA	SM5CZQ	JJ3PRT	W9OP	IK4GME
JA0UUA	SP7GAQ	JR3GWZ	WB4TDH	JA1XEC
JA4DLP	SP9DWT	K9YY		JA2JNA
JA7MSQ	W1ECT	KW9A	324	JA4FKX
JA9RRH	W3NO	N2BJ	AA8CH	JA9CWJ
J12KXK		NK1K	AB9V	JJ2LPV
K0EU	329	OE2LCM	DK9KX	K2UO
N2LT	CT1APE	PY2YP	DL5DSM	K7NN
N6JV	I4EWH	RZ3AM	FK8CP	KU0A
SP8NR	IT9DAA	SM2GCQ	G0DQS	KX4R
UA4HBW	IV3JVJ	SM5DJZ*	HB9BIN	N4DW
W4DKS	JA2JW	SM6CCO	I0WDX	N4NX
W5BPT	JA7KY	SP1S	JA2DPC	N4QS
YU1FW	JE1SYN	SV8CS	JA7JWF	OH1LEU
	JF1PUW	UA3AB	JO7WXN	ON4CD
331	JH0INP	W1RM	K0CA*	R7DX
AA1ON	JH1TWT	W3LL	K5KC	VE1DX
DF2RG	K9IR	WP4U	K5MC	VE3LYC
DJ9HX	N5AW		K6FG	W4FC
EI7BA	ON4IQ	326	N4II	W5CIA
GM3POI	OZ1CTK	EA5BY	N8BM*	W5TCX
IZ5EKV	SP6M	IK5PWQ	OE1WEU	WI8A
JH2FXK	W5XX	IZ0AEG	OE8HIK	YU3AA
K1HTV	WA1JMP	JA2BDR	PA3EWP	
K4CN	YO9HP	JF3KON	PY5EW	321
K9CT		JF7XKY	R3OK	AA4V*
KV7K	328	JH3CUL	R3VA	DK1FW
LA5IIA	AA5AU	JR3OEI	RV3LO	G3TXF
LZ2DF	DK5WL	K5EK	UT9FJ	HB0CC
NI0G	DL7MAE	LU2NI	W8OI	IK2YCW
NR1R	EA3GP	N1NK	W9OL	JA0GJJ
PY5HOT	EA5BM	N4JJ*	YV1DIG	JA3AZD
R4GM	JA9APS	N4PQX		JH1IFS
RA7A	JR7VHZ	N7RT	323	JH3VNC
SP6CIK	K0DEQ	ON4AOI	AD1C	JH4ADV
VE3FF	K4QL	OZ1AXG	CT4NH	K2VV
W4UM	K8PT	R5AJ	HB9HFN	OE6MDF
W5OZI	N3NT	UA4CC	IK8YTA	OE8RT
W8UVZ	RU3FM	VE2TZZ	JA1ANR	SM6DHU
	SL0ZG	W8DCH	JA5XAE	UT7UJ
330	SM4EMO	WJ4T*	JF1KKV	W3GH*
DJ2YA	SM6CMU		K4EM	W8GC
DL1AMQ	SP5DIR	325	KF0QR	WB0TEV
EA7TV	SV1RK	G4CCZ	LA7HJA	
HB9AMO	W2IRT	GM3GAV	N5TY*	320
IK4BHO	W5FKX	HB9DHK	N5XZ	DJ5FI
IK6DLK		JL1RUC	N8RR	DM5EE
JA1ADN	327	JR2LJO	NE1B	G0BLB
JA3EMU	AB4IQ	JS2LHI	OH2BLD	I2EOW
JF1WPB	CT1IUA	K8NVR	SM6DHF	IK4DRR
K3WC	DL2OE	K9EU	SP5IWA	JA2IVK
K4ZYU	EA1YO	KA9CFD	SV1FJA	JA3PIS

JA8LRG	317	NN4R	OZ4O	ZS1LS
JR2UBS	DK2NG	OE3EVA	WA5VGI	309
K1LD	DL5WW	ON4IZ	ZS6EZ	JA1IOA
K9MM	HA1RB	PY2NQ		JA6WJL
KQ8M	HK3W	SP3IBS	312	JG4AKL
SP1JRF	IW1ARB	SV2DGH	F3SG	K1AR
SP1MGM	JA2ZL	W7CT	JA0CRI	K2UU
UX1UA	JG3LGD	WD9DZV	JA1SYY	K4MS
UY5ZZ	JH1NYM		JA1VSL	K8QM
VE3EXY	JR1BAS	314	JF8QNF	K9ZO
W1GL	K2RW	AA5AM	JK1EXO	NN4SS
W3KX	K5XI	CT1DKS	JN1BMX	NU8Z
W5WT	K6RO	EA1N	JR6FC	R9TO
W6XA	K6YUI	EA6VQ	K1HT	RU3DX
WA7NB	KE9L	G3NDC	K3RA	RX3AGD
WD0DAN	N2NL	HB9SLO	N1IBM	UA4LY
YO3APJ	NQ1K	HL2IFR	N5ORT	VE7IG*
	W6VX	IZ8FFA	RU3QR	W2JU
319	W9RN	JA2AH	SP9JZU	WE9R
AB3CV	WX4G	JA2NDQ	UT2UB	YB1UUN
DJ4AX		JA9GPG	W8HW	
EA8AKN	316	JR4OZR		308
IZ8FWN	DF2UU	JR9LKE	311	A65BR
JA6VQA	DL6CNG	JS3CTQ	4X6ZK	DL2CHN
JA9TWN	I3BUI	K2LS	HB9TKS	F4BKV
JJ1DHY	IK2QPR	K4UEE*	IK0PEA	HK4SAN
JN3SAC	IZ1LBG	K5AQ	JA1IZZ	IK4ADE
K6AM	JA1XCZ	K8AC	JA2VQF	IU7QBB
KB0EO	JA7QVI	LA7AFA	JA2XYO	JA1SVP
N4DB	JA8EAT	LA7JO	JA4MRL	JA7IC
RW3RN	JH1SJN	NS6C	JA9FAI	JE2EHP
UA3AP	K1BD	OE1AZS	JE2LPC	K0GY
	K6KLY	OE1ZL	JK1GOK	K8OM
318	K8YTO	SM4DDE	K9RX	K9MK
A45XR	K9US	SV1CNS	KC7V	K10KB
AA4HP	KG8P	SV1DPI	KM4H	KN5O
AC4G	MD0CCE	SV1JG	PY2XU	KS1J
DL6KR	N5DG	UA6MF	UR0MC	R7NW
G4PWA	SM3VAC	WB8BPU	US5WE	UR5EDX
JA1GRM	UA3DPM		W5ADD	VA5DX
JA4EPE	W7MO	313	WB9CIF	VU2NKS
JH1AGU	W9ILY	5B4MF		W1YM
JH1QAX	WA2VYA	CT1FMX	310	W2QO
JH4JNG	YO7LCB	CT1GFK	HB9CEX	W6ENZ
K2TE	YS1RR	IK2RPE	HL4CJG	W9MU
K3WA		IZ2AMW	JA2WYN	WA8WV
K4HB	315	JA1EOD	JG3FEA	
K4IQJ	9H1SP	JA5IU	JH7RXU	307
K4SO	AA5AT	JF2UPM	K0KVR	9K2OD
K5BG	AB6QM	JR1BLX	LA9AJA	CU2AP
K5DU	DL1DUO	K6TA*	R5DT	DK2JX
LA2PA	F5HNQ	K8FL	RA0FF	F2JD
LB8DC	G3VKW	KG4W	RL9F	HB9DDO
LU3CQ	JA8RJE	N4TL	SM2OAN	HB9DDZ
SP3CGK	JR2BJE	N8KOL	SP6HEQ	I5HOR
UX0FF	K0KX	N8TR	W0YG	IK0XBX
YB5QZ	N5OK	OE3SGU	W4BP	

JA1WSK	SM3NXS	ON6AA	299	EC3A
JA2XW	UY5AA	PY2KP	DM2DXA	EV1R
JA3GN	W5VY	RK4FD	HB9RG	G4GIR
JE8CLT		W4QN	IK5RUN	GM0AXY
JJ3HGJ	304	W7ZJ	IZ4MJP	HB9RYZ
JN1RQV	CT1FCX	W9AJ	JA9FPI	IV3YYK
K2SHZ	DJ9ON	WA9PIE	JA9NLE	IW0SAF
KB1JZU	DK5AD	WD4LBR	JH1BNC	IZ0RVI
KC6AWX*	EI2GLB		JJ1DWT	JH4ALY
LU8EKC	EU1KY	301	K0TPP	JH7BKN
N9FN	HB9CQK	AC0A	K9SM	JK1TCV
NI6T	JA5BEN	AE5E	UA9FAR	K0KT
OE5RLM	JA7LGE	AJ9C	VE3BW	K8VC
SM5JE*	JE1DXC	EW2A	W2GG	LA8PT
W5AJ	JF2XGF	HB9BOI	XE2CQ	N0RB
W7DO	K6ND	HP2AT		RA3QK
W7OM	K7WP	I2MQP*	298	SM6BZV
W9JA	K8GI	I4KDJ	5B4AHJ	SV9COL
ZS2DL	N7US	JA0DIN	DL7BA	UA6YW
	N9RS	JA1LSP	JA1FQI	W4VIC
306	OH3NHF	JA1XPQ	JA4ITW	
DL1KUR	R7FK*	JA2ATE	JF2WGN	295
DL5EBE		JE1LFX	JL2JVX	JA1BPA
I1EIS	303	JE2DZC	JR7WFC	K5ZK
IK4PLW	E72U	JG8FWH	K2PK	N7RO
JA0GCI	EA3GHZ	K1GG	K3PA	N7TY
K5WAF	G3LZQ	K4SE	K5VIP	RM0F
KD3CQ	G3SVD	LA5LJA	K8EUR	SP8HKT
N8SNM	HL3IUA	NA5C	LU4FPZ	W5LT
OH5VT	JA3ENN	RN3QN	ND0N	W6XK
R8TX	JG0CQK	UN6T	PY2IQ	W7AL
R9FM	K7ZA	W3RJW	WT4Q	
SM5FUG	KB8VAO	WB5JID	ZL1BYZ	294
SV2AEL	LA3WAA	YO2CMI		Ai9L
UN7JX	OE5BWN		297	EA6NB
VE3DZ	RL3FA	300	4Z4DX	HA5VZ
W5XC	RW4NN	DL4CF	BA4RF	HA9PP
ZL3JT	SM6CUK	EA1AF	E72A	IK0HFO
	SP2BMX	IW0HQE	E73Y	IT9CVO
305	SP7HOV	IZ5RVG	JA3RQ	JA5SUD
AJ6T	SP7ITB	IZ8VYU	JE7JDL	JA9IFF
DJ4XA	VU2PTT	JA3EOP	JH1BAM	JE1GWO
DL1TRK	W0VX	JA9AA	JM1HJG	JE3ENP
G5LP	W1SKU	K0BBC	K5DHY	K1DG
JA7BWT	WA3AFS	K3FRK	K8WK	K1USA
JE6TSP	WT8C	K6FW	KD0Q	K7ZV
JR1DUP		K8GG	KG7H	KF2DT
K0JUH	302	K8TL	KT1J	KZ4V
K3XA	AA4R	K8VFE	N7IR	N0KV
K6SIK	AA8OY	KD0PO	UN7LZ	RA1QD
K9NW	DJ5JH	N4RWG	W6YI	RU6L
MM0EAX	F5CQ	PA3CSR	YO2RR	SV3DCX
N9AU*	JA1JAT	PY2VA		UR5WA
OH8LXT	JA7MYQ	SV1GYG	296	W3JX
PA5TT	JJ1TKN	W3OA	AD6W	W9FR
PY7DJ	JM1FHL	W6TC	CT1DOF	
RA9CMO	K4XD		DL1HRN	

293 4X1RU DL1SMA DS1JFY EA3WD HB9BAT IK8VRH IW1QN JA2CXF JA3XNH JH0BQX K4JAF K5RT N2LM PE1L S55DX W7BEM WA3C WA4FFW	290 AA4A AA8R CU2DX IZ3ENH JA1KQX JF1NZW JG1OGM JH3GCN K8ROX LA2QM N9DED PP1CZ RD3AW S57AT SK3PY SV3AQR UN7TW W2LK W8AV W9HBH WA1S WB9EEE	N6TA OH1ZK SM4CTI UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ	LA8HGA NN4X OE1WHC SM0CCM W4MAY W4UCK WK7E	IZ8FDH JA0KJE JA2FCZ JA3BXF JH4HMG JO4CFV N2WB N5GH OZ1IKY SM0NJO SM5ENX W0LS W8KEN WF2S
292 DL5CW DL6JZ EA5AT G8DX HL2WA HL3GOB IZ3ETU JA0DET K7ZD N5LZ N6UK N8II R6AF W6NWS W6SR ZS1A	289 DL9TJ I1FQH IZ4DPV JA8EJO JG1WSC JH1HHC JH4GJR K0TT K3UL KK0M KQ4AV OE2GEN PU2POP R0FA VE3EK W8BBQ W9YSX	287 9M6YBG AA8LL IV3GOW JA5FDJ JA8DNV JE2OVG JR8AMF K0AZ KI5BLU OH1JP R9SA SM5ARL W1VT W4YCH WA6F WN6W	284 7K1PTT AB4SF CT1BWU CT1FPQ EI9FBB GM3YOR HL4GAV JA3DY* JA8CJY JG3SKK JH3KAI JH3SIF OE3HWC SM6CTQ W2AY W4FQT W5ODD W8HC WB2BIN	280 CT1EAV EI6FR JA6TMU JN7DOS JR6LLN JR7FRW K1CA K4WNW K6BV N2DPF N2JJ NV9L PY2DS SM5CZK US0YA UT7UV VK3HJ W8LGJ WA0MHJ ZS4TX
291 DF2GH EA6ET G0EHO JA1QXC K4ZO KP2A LA3MHA LA5HE LA9VFA N2TN N8LJ N8PW OH4UI VE3CFK W1EQ W1OPD W8TN ZL4TT	288 AA6AA CT3MD EA5KA JA2JRG JA2XCR K0GD K1DT K3WW K4RG LA9GX LZ2JE N3VA N4LR	286 AB5A CT3HF DL2VPO GM3PPE IK0AGU IZ8XQC JA2FGL K1LPS K1RO K5PS VE1JBC W3GQ W6PJ W8AXI W9MJ WS5W	283 HK1MW JA1RTX JL1XMN N6PSE OE8SPW ON5UE SA0AQT W1LW W5ZG W6BJH	279 JA6QHQ JA7HRM JE8TGI JK1UNZ SV1FJP W5DM W07R
		285 DL2SWN EA3GHQ IZ8DFO JA0PE JA2IYJ JA2VMU K6GXO K6PJ KJ6P LA0FA	282 JA5BGA JH3FHQ K5UO N4JQQ NA5DX NT0V* PC3T UA0BA W4OX XE1KK	278 9A4T EA8RR EI9JF F2NH F5PBM JA4VLK K2UR N4HB N9ISN N9RD
			281 AD5Q EA5OX F3AT	

ND4X OZ4VW RN9N SM4AZQ VE3CRG W8MHW	KA1ERL N7KA NF1G NU1B SV5DKL W7MEM WA0RVK XE1MEX	K8BL K9FN KB1EFS KI4GE N5BO N7XR OE5FIN PA0ZH PY2WC SM7IUN SV1ACK W0JM W1MK W2OO W3AP W3ICM WL7E	IK8EPC IS0AFM JA1OVF JA1VLK JP1NWZ KR0P LA6UL NW7E OM4EX SM5FWW YB1AR	WB3LHD WQ6Q
277 DS5TOS EI2CN EI8IU F5UJK JA8EOT JE2RDO K2AJY K8UT N6RV ON4CAS UW2ZM W1KSZ W1YRC W2PP W3BW W6DR W8RLS	274 7M4AOE EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K2KA K2SN K3PT K6UM K8DV K9MBQ KA8SYV KA8ZPE KS3F RA5BM SP6JIU SV9AHZ UA3ECJ VE3YF W0EWM* W8QZA/QRP	271 AA4FL IK2DZN IZ8EJB JA8FFM JH1OCC K3PU K8RRT LA5SJA N4UOZ UA3TT W6TMD W7YAQ WV9L	268 HA5PT JA1IAZ JA1NWD JA1VRU JH2VVH K1MAA* KD4W KH6M N2AJ N3RC N5JB N5ZC NT5V SM6BGG W2FV W2XI W6RS W9OO WA1YTW	265 4F2KWT G3SBP G3UAS G3WPH JA3WLN JA4FM JE2UFF JH1ACA JR1WCT K2CBI N5KM N9JV VE3SKX W9JJB
276 DK3WW HB9BUN HB9LCW IZ5BAM JA6GPR JA7FWR JA7LMZ JA8UIV K6EME K6IPM LB2TB N5MOA NK0S OZ1LCG PA7RA RX4HZ SM5CLE UN3G W1ZT W2OIB W3ACO W5GO	273 CT3KN DL9FCY JA1KPH JA2TBS JA6BEE JM2RUV JR3UIC K7XB N4IG N4QQ OZ1ACB RW7M VK3BDX W4HG	270 BA4MY DK8MCT EA1KY F6HLC F9XL G4XEE HB9DHG HL3AMO IK0UTM IW7DVM K0BJ K5VWW K7UA K9JF KG9Z VE6LB W0FLS W0RX	267 DL4DW EA5RD HB9MFM JA2QXP JA7BEW N7BT OH2IS SM5BMB WS9V	264 4Z1UF EA1KP EA3EQT EC1AIJ F6DBX IK8UHA IZ0NRG JA1SKE JF2WXS JR4LNG N1EN N1GC N6HC N8OC OH7TV PA7TWO SV1CQN VE6AX W5PF WV4TN*
275 DH2PC DS5ACV IV3VBM JE1BMJ JF2VAX JI3CJP	272 AF9H I5OYY IK5PWN JF1LMB JH1OBS K1UU K7EG	269 CT3CD HB9IQB IK7FPV	266 GU0SUP HB9EFK IK4AUY JK1VXE K0DD K8AJS N1API PZ5RA RA4CA SV1HEP W8MET WB2GAI	263 DK4TP DM2RM EA3CJ EA4DL HA7UW JA2FBC JA7XBG JJ1BMB JN1NBU K1KO K4KAY K8FH KN6KI N1RR NA5Q

PY2MC W0GG W1KDA WA4LOX WB4KTF XE2X ZS6NJ	EA9IE FG5FR JA3VPA JE1HRC JH1DGJ JH3FUK JH4ADK JJ2WOC K1EFI K1ESE K8YSE LY1G N6MZ PY5IP SK7AX SP6A TG9NX WV8DX	AK5X DJ0UT EA1JO EA7SG EB3CW HL2CFY IK2PZC JA1EMQ JA6OXT JE1PNX K1SM RU1AB SV1VS W3FI W8MJ WB7B	HB9DVO IZ5YHD JA0KJD JH1IED JH1VUO K0GW K3EA K3SEW KI1U LA5YJ NE8P UA3O W7HPW W8IW	251 9A4W DL2RTL EI2HY G8AJM HB9EBM I0JBL IK0LNN JA5AFW JH1UBK K4JKB K4VIG K5IB K8CW KJ7TEA N3KN N4SC N5UL NF4A SM3LGO SM5FQQ VE3YV W2JLK W4SK W5GAI
262 CU3EJ HI8R I5REA JA8BAR JR7GBL K8AV LA9FFA N0RN N1SV NH6T/W4 NK4L NV4B NX0I TZ4AM W2/CT1GIF W6JZ W7LGG W7QDM W9PZT WA3GFM WB8ART YB2DX	259 DJ8NT DL9GTB EW1BA HL3DE JA8BNP JH1APK K2UFM KZ5DX NI3P PY5CC SV1FKZ VK4CAG W2TB W7AH W8CZN WV6E	256 BH4QYX EC1A F4GVO FG8OJ IK4HPU JA1PBV JH1RGG K4JJW K7GM KB9DAK M0TTB VK3NX W8JRK	253 AA3LX AC9O EA4DEI FG4NO HL2EIZ JA1DDZ JA6IVR JA8XQI JJ1QUV K6MKF KE1F KM6HB KV4T N4QWZ N6KZ UA0FO W6RW WF4U YB0COU YL2KF	250 AC9EM DJ9RR HA7TM IK2DUW JH3GFA JH6PFY JL1MWI JR0EQQ JR5JAG K1KA K3NQ K7KB K9YC K9ZM KA9UVY KF7F KQ3F KS4YT LB5WB PA0JSE PY2FN SV8CKM W4PNY W7IU WA8MCD
261 7K1CPT DK3PZ F1ICS IZ8IEV JA3FHL JE1VTZ JH2PWY K2FW K7LJ KF9UG KI4DLS KM1D N6PM N9UA OM8FR SM7CQY W6DE W8GNM WA5LFD ZS6WB*	258 CU3EQ DH0GSU DK7YY E21EIC EA1RT JA9AGN JR4LZX K6EID KH2L W1SSN W2GW W4LSC* W5JAY W9EWZ ZL2IFB	255 AA7G AF5CC AI6Z F6ECI G4FKA HC1BI IV3TMM JK1OPL K1FEV K6ZZ KR4F LU6ETB N1RK VR2XMT VU2CPL W0QQ W8OP W9FI WA4CEM	252 DL7UPN G3KWK G3NKC HL2KV IV3KFB JA1BNW JA4HAW JF3PNQ JF6XQJ JH4CBM JL1BYZ JR1VAY K5FZ NE6I W2ZI W3ABT W7CA W8FIB WA4JQS	249 AA9RR AJ4A G3XLF
260 AA9A EA8MT	257 6K5YIA AF4HX	254 AG1A BA7IO CT1BWW		

IZ8GGF	W5ZO	242	WC2K	JA1JYE
JH8GEU	W6AER	EI9FVB	WE4S	JA3KNN
K4MV	WB8CQV	JA1OVD		JN1NOP
K9NR		JA4ZA	239	K1ACL
N8HRZ	245	JH1ERJ	HB9DQV	KK0DX
N9PGG	AJ8MH	JH1WJR	IZ1JMN	KM3J
OZ5NJ	EA5B	JR1MLU	IZ2FOS	KU8X
SM4OLL	JA3QOS	K3WWT	JA0LXP	KV4AA
UN3GX	JA6AVT	K4PB	JA6CBG	N4GN
W8IQ	JF1WLK	K4QE	JA7KE	N6IE
W9RC	JJ6DGP	K4YJ	JA9NFO	OE2BZL
WA2USA	JL3OUW	K7FEL	K2RU	OH3OJ
WB8K	K9GA	KJ7M	K2XF	PA0TCA
XE2D	KF7PG	N2NS	N8SHZ	W0HBH
YB1RUS	N0AH	N4XYZ	W8BLA	W2YR
	N2NW	N6HY	WA6JA	W4GIW
248	N4IQ	NA9Q		WA1PMA
DS5DNO	N9JR	NY1V	238	WY6N
G3KMQ	NJ7G	RC2A	IK2GAJ	YB2TX
G3VPW	NZ3O	SM0DSF	JF0JYR	
HB9DOT	OE3KLU		K4JC	235
HB9JOE	S55ZZ	241	K9OR	EA7QW
JE2VLG	VE7TK	AB5C	KA4RRU	EU1U
JJ1SKG	YB0NFL	IK0WMJ	M0CSD	JE1IBI
N4XP		JH0OXS	N4PJ	K0EOO
SV1IW	244	JP1IOF	SP5ES	K5CWR
VU24DX	DL8SDC	K0VSH	W3MR	K8ZM
	HL5BMX	K2NV	W4KA	N2FF
247	JA1CZI	K4KGG	W5LO	NA5Z
AK5Q	Ji6IHG	K9JU	W5UQ	NW4M
CT1FUH	K0KG	KV1E	WA4QMQ	TA1CM
JE2EBT	K1YR	N9SF	WB0TVY	W7YW
JK7LXU	K8EAB	W5DNT	ZL4AS	
JR3VMJ	KK1W	W5QM		234
K1PL	PA3BWD	YB1TQL		DF7EE
K2TER	W4REX		237	DK2CC
K3VAT	W5PJR	240	CT1BOY	EA5DFV
NA9RB	W9DX	G7SSE	G0VXE	HB9BYQ
OZ7FOC	W9MO	IW3GJF	HB9CXZ	HS1NGR
S51NM	WA3F	JA1DM*	HB9HBZ	I0LYO
VU2CDP		JA2FSM	IW9DNI	JA2OLJ
W7IB	243	JA3NHL	JH1DGQ	JK1BSM
WC3W	G4XRV	JH5HDA	JR0QFA	K0VM
WX2U	JA1MZL	KE8UM	K1RV	K4MF
	JA2EPW	KF0LA	KX2A	KE5FXE
246	JE0ART	KK9H	N0ODK	ND4V
GW4TSG	JF2OZH	KS4S	SM0MPV	ND4V
IZ0BVU	JS6TWW	N0ABA	W2DXE	W3WST
JG3RXX	K8ME	N4HID	W8UN	W7HR
JK1WSH	N4OA	PY2GG	WA0ROI	WA5UA
K1XV	UN9L	SP5LKJ	WB8B	WB0O
K8YYY	W1BR	SV8DOU	WB8ZRL	
KB6CIO	W4LEW	UX5UO	YO3JF	233
KC9K	WE1P	W0SZ		AA9GR
VU2DCC	XE1RBV	W5RF	236	DL8DWL
W1KMA		W8WEJ	HB9ZS	DS3HWS
W4GE		W9LN	IK1IYU	EA5AR
			JA1HOM	HB9VAB

JH1SOD	WB2NPY	W5SL	N7WO	K5DV
JJ2KDZ	WW8W	WA9GON	RW4CY	K5ZQ
K8BN		YE4FNN	SM7BHH	KK4OW
N4TOL	229		SP6AXW	KU4XO
N9BX	AD7L	226	V51B	NJ3K
NE3F	AE0P	AC4VM	W5THT	RU0SN
SM0XBI	DS4GKF	I0OSI	W6UC	W0BM
W2NRA	G7IRN	JG1JPE	W7NN	WA0WWW
W6YOO	HB9HVG	JQ1YIW	WB0ULX	WB0N
WB2KSK	JA7QQQ	K2BA	WB7BBQ	
WD8PKF	K0HD	K2SD	WN6K	220
	K3FM	K9TF	ZS2Y	AA4LR
232	K4CMS	LB6KC		AA6RR
AH0U	KD1F	LU4FW	223	DL4LAM
EW4C	KK4OK	N2KX	AB4UF	I1YDT
HB9BNQ	KW1DX	N5ET	AF2C	IT9ODQ
HL2ZN	N2SQW	N6BM	EA7DUD	K1DJ
JA5NPV	N4NW	N9AOL	I8MTQ	K1NTR
JH6DUL	UR5FEO	NA2AA	IK0WRB	K1TZQ
K2HAT	W1WC	NG7M	IK2RZP	K3SX
K3SF	YB1TJ	TF3DC	IZ8MBW	K4EU
K4ST			JE4RAL	K4MIJ
K5CD	228	225	JP1GUW	K5MT
K5FNQ	7J1ADJ	AA8SW	JR0AMD	K6MM
KB1DMX	AA0MZ	DK5RL	K6IPV	K7AWB
N3PS	F1RAF	DS4AOW	KD2T	KO8SCA
NY2NY	F5LIW	EA2AFV	KI6CG	KZ9DX
RQ3A	IV3FFI	EA2AGV	KW4V	ON4ATW
W5GA	JA4CZM	EU1M	N4ENE	SM7GIB
W6CYX	JE2KSM	IV3AVQ	W6GRV	UR4IOR
W9ZCL	JF1RYU	JA0EVI	WC4H	VA7ZT
	K4SX	JH8NQV	YL2TW	VE6TL
231	KE0A	JJ1JMZ		WA9BZW
AD5WB	KE4UW	K0OK	222	
DK6OR	KE6V	K1JIU	DJ9SO	219
JA2VHO	RA3QUA	K4JWA	DL5XL	DF2UA
JF1MTV	VR2CH	K5YU	E77S	F5JSD
JH0AWC	W1LE	KN4PPD	IK8GJR	IK5QPS
KD6UO		MU0FAL	IZ7AUH	JA1FJJ
LZ2XF	227	W0FG	JM1VRW	JR7ILA
NA4EA	DF8FT	W5GZ	K1NJ	K5JZ
SM7NDX	DL2RUM	W5TFW	K2AT	KG6I
W4UDH	HB9HIT	W5VQ	KB5UNX	KI7AO
	I0MWI	W8UV	KK2M	KR2Q
230	JA0DWY	W9KVR	KX4TT	KU4BP
G3LUW	JK1SQI	YO9FNP	NN2D	N1KC
JH7WQX	K0IL		RA4P	N2ZA
J11VVB	K0NV	224	VK5GR	N6DX
K2SY	K1GE	E70T	W1DYJ	NN9X
K9WX	K5GH	G4ZOY	W4WN	W5DAW
KR6C	K9GWH	HL5OC		WA3I
SM7WVZ	KA1J	JA8NFV	221	WQ5R
VE7BV	N1NU	JH1OGT	EA2AAZ	
W2KA	N4SV	JO1LVZ	IK0CHU	218
W8LMG	N6OJ	K0LB	IZ1JLG	DL2NOM
W8WVM	SP7ICE	K1CBK	J11NJC	DL4NBE
W9YE	W4DEE	N3RW	K4CGY	G4VMX

I7PXV	K2XB*	211	K4WES	NJ1H
JA7FAS	KF4NEF	BV1EK	K5RJ	W7IUO
JH1FVE	KO6KD	JJ1KZZ	K7PT	WA3WZR
K3DFL	N8NN	JO4JDU	KW4CQ	205
K5ALQ	NU1O	JR1JGA	KZ1W	AC9S
KB2FCV	W0TT	K0KP	N4HN	DL6UNF
KE3D	W1JGS	KT2C	N6ZN	GM0VRP
LB2HG	W4IS	M0HIH	NN5E	JA0CIU
N4JT	W6HDG	N1BY	NW6S	JA4DHN
N8AYY	W6KK	NY6C	PY2RN	JA7JM
N9KW	W6SL	SM5ACQ	W1FA	JA7MNF
ND3L	W7JY*	VR2XLN	W5FPT	JO3WHB
W3BJ	WA6HBR	W6WF	WA6G	K4YYL
WA2NPD	ZL2AL	210	ZS1J	KI4WCQ
WB8BZK	214	CU3AN	207	KL0S
217	3A2MW	JE1PHH	9K2BM	KM4VI
7L2QAD	AB0X	JH6RTO	DG5LAC	N2KI
AA4UC	DJ3AS	KD8RQE	HI3T	VU2LBW
JA2NNF	JA7DPC	LA6OP	JA7MAD	WA4MME
JA7ZP	J11WLL	N4TD	JE3EDJ	XE1J*
JG5RVQ	K0QQ	N8BK	K4GO	204
JH8UQJ	K2AZ	S54A	K6ZP	JF1KML
K1RH	KD1AB	W0UC	K9FZ*	JL1GYZ
KK8MM	N6PEQ	W5WP	KB5HC	KM9E
N4FN	PY2RO	W7FP	KE1VT	N5QS
N6QI	W0KCJ	W9IL	KK9T	N7ELL
OZ0J	W2CQ	WK8A	M0IKW	NC2Y
W0TM	WB6BFG	YB0DJ	N9AKR	NO0B
WB6CJT	WY1G	209	OE1JIS	ON6KE
W17P	213	DF3EC	ON4ANN	VU2IBI
WW2DX	9A1AD	DL4FAP	RD9M	W4GP
YO3IPR	AG3V	JA6ENL	VA3OKG	W7IV
216	DK3UA	JH1FNU	VK2CA	XE1L
CX2CC	JA0LFV	JM1SZY	W1MJB	203
DJ3XG	JA1FVS	K3NF	W9QO	EA5HM
I5XFD	JR1EFG	KB4MRX	WA9DU	F5NBX
IT9AAI	K9SG	KQ5M	YB0MWM	IK2RGT
K5VR	KD4SN	N9XX	206	IZ0BTV
K7LV	N8GP	NW7US	7N4SQJ	IZ0CKJ
KR4W	NA2M*	PU1KGG	AG5W	JA7JPZ
KT4AC	VK3FM	SM5BNK	CT1HHP	JH8NBJ
N7WS	212	W1AW	HB9CRV	K0CS
NC4RB	F4WDL	W5AAJ	IK3GBG	K2CYS
PS8ACL	JA1BWA	W6DCK	IZ0GYP	K4OY
W0SR	JA3LDH	W8HMK	IZ4DIW	K5DCW
WB3D	JP1LRT	208	IZ5FSA	K8YE
WS1L	JR2PZX	7N3IJT	IZ5MOQ	K9OW
215	KC2SST	EI5GSB	JA4DNC	KA1DJ
9H1EJ	KL7TC	G3WW	JF1IRW	KB7AK
AA7XT	OH2LHE	HP2NG	K0MN*	KM7R
HB9IIO	PP7LL	JH0NOS	K1VI	N4TV
JS6QOM	SM5AOG	K0PX	K8NK	N6PAT
JT1BV	WB9PNU	K0THN	KK5OQ	W3BNN
K1ZJA	WK4Y*	K2PF*	N7NF	WA3FRP
			N8BJQ	

202 AE4M IK5BOH/2 JF2TJJ JR1IZM N8WD PT2ADM W3NS W4RDX W7TUS W7VY WE2N WN7J	N2RR PB9FN V51YJ W9RXJ WB4YDL	195 CT1ELF JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T	F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE	SM0BYD WA8LRW WB4GLI
201 GI4OWA JA2MNB K0MFI K6TAR N4PYI OV5O RT5A TF3VS W1OP W6AEA	198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG KO4PRE N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI	194 A65BD EA1WH EA5ZR EA6LP JK1DDG K1LT KP3AH KR8T SP6EY W2OR W4DC W5UHQ W7PAQ WA1NXC	191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG KM4HQE N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO K8OS KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W2CG W4AEJ W6DPD YB4CHP
200 AJ8B DK1NAL HB9AGO HB9FBG IZ8EKL JA3EY K3HW KC6JAM LA7EIA N1IA PY3VB VK2HV VK6LC W2NY W3ML W9WO WB9W ZS1DX	197 4X4MF BA4TB EA1DLU K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHz N7VPN NU4B PY8WW SM5ELV SP5IXS SP9IZV W8NN XE1YD	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS K7UT K8ZT/QRP KD0AA N6MXU OH3PYY OT1A	188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE OZ9XU WV4V YO2DFA
199 AA3TH AC0X AD4AA DL5EBS DM6MA I4UUL JH0RVY K4VNY K9AQ MU0GSY	196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JP7FSO K1JD KA5JSM N2GZ N3QE NA9A OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL	192 4X6KJ AD0K		187 AF6PK JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV
				186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ

K4WM	YB2TS	G0OSK	K2RET	K6UNE
K5EWS		JA1BON	K7CTV	K8JE
K5QX	182	JA3EEM	K7STO	K9QJ
K6EGF	I5FLN	JG1RYQ	KK7YC	LA9VBA
KC6X	I8LWL	JH1XFR	KT8D	N5PA
VE3NJC	IU8IYE	K4WZ	N1JP	N7HN
W8RV	JA6SQR	KE5TD	NZ3M	N9ATF
WA5IPS	J11CQA	KJ6NZ	VE1VOX	N9DR
WZ4RC	K7LAZ	KZ2R	WA3GNW	NA6O
	KG4JSZ	N3KV	WD4IXD	NC7B
185	KS0JD	N3ME*		NX2X
IU0ICA	LA5LT	N7JB	175	SM0EUI
IZ2EWR	N8NA	SP5ELW	4O3A	W2PD
JA3UOQ	N8NB	VU2MSA	IW1PUR	W7VAS
K3PP	NG9J	W0ZS	JA1PVX	WC4X
KE5BR	VU3CAU	W1HS	K1ROA	WY7FD
KQ4EE	W6FL	W4CCS	K4WY	
NZ5O	W6SFK	W4GHW	K6NR	172
OZ3SM	W7WZ	W4TUN	KD4POJ	AA5N
UN7BK			KF6HI	G6MXL
VK2AAH	181	178	KN7D	HK3PJ
W0QC	EA6UE	AC0DQ	KW4J	HL1MKT
W2WG	EI3CTB	EA8AXT	N7GCO	JF3VEC
	IZ4AIB	IW0BYL	N7NG	K5TA
184	JA1SZN	JA1ERB	NS3L	LZ1XL
AD6ZJ	JH8FIH	JE3FOR	UA1OM	N3AO
AE5FM	K1XE	JK1EBA	UA9AGX	N4BAF
EA5RU	K3VAR	K1ZE	VU2YYF	N6VH
EI1DG	K5UZ	KL7TS	YB1RKT	NC1M
G4AYU	KY6R	KU1T		W1ASB
IK0HBN	N0SL	KW9U	174	W9CSX
JG1DUZ	N1HO	N4MI	AG4Q	YB4IR
JL1JVT	N6VS	W7HUY	DL5KUA	ZL3RJ
K0RAR	NV4A	WB6AXD	JL6USD	
K3JM	PJ4/NA2AA		JR3TOE	171
K8EB	UA9AEU	177	K0PC	AD3C
KD2SC	W5JMW	4X6UU	K5CR	CT2GZE
N4MIK	WB9B	IW8CGX	K9HQM	DL5MM
N8JS	WC0W	JE4KCN	K9UQN	F9CI
NW7M		JG3KLF	KN7Y	G0THF
SM2EJE	180	K2JL	N7NW	IW5EIJ
UT7KF	A61BK	K2MK	N9IO	K2TV
W6BK	AA4AK	K3OX	W5WI	K4NTO
WB2HJV	IK1ZNM	KF4VTT	W7JET	KB0V
WB3BFC	JE3PCP	KP3V*	WA4BIM	KC5LK
WB5STU	JH1IZR	SM5CBM	WA4NUF	KP4DKE
WX0Z	K8SL	W0IKD	WB8QZM	N7WI
	KD3HN	W0JW		N8WRL
183	KI6MQX	W1AO	173	ON6MX
JA2KSP	NA5S	W4DTA	AB6CF	W0MU
JA3UNA	VR2XYL	W4KVS	AE0MO	WA4DOU
JA4GXS	W4DSM		AI9U	WA5KBH
JE4CIL		176	EA3HDZ	
JF1LZQ	179	DL6NW	HB9DVZ	170
K6LRN	AA5TL	F4FLF	JA5MOO	AC0W
W6TK	AB4GE	HL1VAU	JJ1BDX	AD5MD
WA7BNG	DL5MHQ	JR1FHP	JQ1PCX	DL2JIM

EI5KO	R4FAN	KG4CUY	R3IS	JR1CAD
EI6AL	SV1XV	KG5NP	SM7CZL	K7LY
JA1GVT	VR2MY	LA2XPA	VA2LC	KM2E
JG1GJH	WL7OU	N1QY	W1OK	KM2O
JJ0LZQ		N2RJ	W1XV	N0IW
K3GT	167	N3KS	W8FN	N4MEC
K4SAF	JA8BOV	PT2ND	W8MIL	N5WA
K6JJ	JE3OUW	RA0BA	XE2YWH	N8IL
K7CU	JI3BFC	RL3BZ	YO3DDZ	NI5F
LA2GH	K0SRL	VK3TC		W1TO
LB7ZG	K3GGN	W2FS	162	W9FF
N3WD	KB8NTY	W4CIR	4F1OZ	W9NIO*
N4VN	KE3X	W4DWS	AB1J	YO8CRU
N6EM	KH6XT	WB2WPM	BH4IGO	ZS1C
N8VV	N1ZJ		DJ7JC	ZS6RJ
NJ6W	N4PL	164	DS3EXX	
NX4TT	N8OQ	AC4BT	HB9GWJ	159
SP7QHR	NF7D	CT3DL	HS8KAY	AA3AZ
VE1OP	PY2SEX	DL7JRD	JG2LGM	AD0TR
VE2YG	WA0SXV	EI6IZ	JR4CZM	DD0VE
W0OGH	WA5NFC	IZ0GVZ	K2HT	DK8IZ
W4PGM		JE2DOD	KC4HN	EA1P
WA4USA	166	JR7XOD	LX2SM	IZ0FUW
WA9IVH	AL7R	K6CF	NP3CW	JA0ED
YO4AUL	DL1SVA	K6GFJ	NS4X	JG1WNO
	GM7NZI	KA1API	OE6BME	K0IO
169	HL4XM	KD8MQY	W4NBS	KN6VTC
DM3CW	JA0NZR	N2XQM	WA1LAD	KO4DKI
HB9GIV	JG3KMT	NA2P		LA8ZAA
JA1KXT	JR6GHN	PT7DX	161	N1MD
K1EDG	K0FLY	S50B	9M8DEN	N4GBK
K8ZZU	KN4FO	W4IDX	HL3ERJ	N4VG
K9OT	KR4BD	W6SIY	JA1IHD	NE5S
KI2D	KR4DA	WA5CMI*	K0YL	TF4M
N5MT	NU4Y		K2OP	VA3NXM
N5SIX	SV2CLJ	163	K3GW	W1EBM
N6MB	VA7DX	AA4OC	K4AR	W4MA
RD3BD	W3DIY	AI4QQ	KM4A	WD5BJT
SV1IZY	W4PGC	AK9B	N7QT	XE1MW
W0AIH*	W8SAX	EA1AZ	N7VZ	ZS6C*
W7IAN*	WA1ZIC	F4CPF	NA6XX	
WA6QGH	WA5NOM	HA5BSW	NA7RH	158
WB8EKG	WB3JFS	IU5RTR	OH3DP	9J2BS
	YO3AIS	IW0ECV	OK2ZDL	G4SGX
168	ZS6IR	JA0MRW	SM3PHM	IK3DVY
A92IO		JH1BHW	SP2LLP	JJ1KXB
EW1P	165	K0ABC	W5RDW	K4HQB
JA0PZJ	AG6HE	K0CF	W6DOE	K5DXR
JA4FKO	CU3HN	K3GO	W9GG	K8GWU
JH1ORA	EI5JL	K4GN		KB2XJ
JH3EQP	HB9MXV	KE1B	160	KF7NN
KB7QFE	IK0XIH	KW4MM	AB2E	KJ7NO
KF0RQ	JE4WOK	LA1CO	EA7LS	KV7N
KF9LI	JR1KBJ	N0AMI	F1OBJ	M0MCV
LU8ADX	JR6LDE	N4KM	JA1ITJ	N4XXM
LX1CW	K3VPZ	N7KDT	JA1UOA	N6MM*
OE1ALW	KC3AK	N9LEO	JM1JZN	N8TFD

N9AZZ PY2CP W0JMP W8LIG W8OM WB2RAJ WB9ZNZ WT2P	JA6SUY JH1AQN K2CJ K2DF K4EZY K8WHA M0IFT N5JEY N8IK NO9E NU1T OE1HHB UT7EC W3DQS W5SV YB1AYO	152 AC6BW BX5AA DF2WF DU1KT G4AFJ IK5BSC K2EK K4RDU K6LPO KD2OV KE9S N2TC N9GKE NJ1Q ON4LG ON8PHD R9JX W6RFF YV4DYJ	DM5JBN EA7LL EI5GM IT9ABN IW7EDZ IZ2MHT JA7GZM K5HK K6VVK K9RT KI7M KX5U N0TK N6JOJ NC6RJ NM4SH NZ6N ON6ZV SM0BSO TF3Y VK1AX VU2NXM W3KB W3UNX W4NE WA1W	JR3PKO K5LY K5VG KA3GWD KB8ZUN LZ1MDU N1ZZ N7TM TF5B W3IZ W4AFB W4AG W8VI W9GM W9MAK
157 E20YLM EI2JD F6KOP JA1UBZ JA3MHA JG1XBM JH2AJY JH2NWP K9UO KB1HY LA2IR N0LD N4QM N9MB NH6L NJ6K NK7Z PY1NS W3HKK	154 AC8TO DS5WQT HB9ARK HK3J I4JEE JA0GZZ JA4HXF JA8ANQ JE6PJP JR3QHJ KC1ERO KC4DM KJ2U KL7NW NE5W VE3FAC W5TMC W8TM WA9MAG	151 AE5B DF1IR DL4KUG IK8OZV IZ0FYW J68HZ JA2BUR JE1COB K1IG K1QN K4DET K7LAY K9AAA KE4BKL KE8G KK4CLY KQ5S N4AA* N7MB NU4I SM0NUE VA3EJN VA3HP W3HER W5WLA W6WA WA6MRK WA9JWL WB1DX WC2C	149 7N2JZT DL1MEV DS4DRE ER0FEO JA0JPD K2KIB K4TXJ K8SMC* K9EXY KD4EE KP4DS N0LGU* NE0U NR0Q NZ0O RT0F UA9MC W1DAR WA1EHK WB1ASL WF7T XE2B	147 AB9KZ DL6DCD EI7GY G3VQO IS0/YO3RA JK1OTP K8MRT KB9LIE SV8RX VR2VGM W3KN W3NRJ WB8TGY
156 AA4DD EA3HPX F5NNN G4FTC G8BCG GM3WIL HB9HHH IU4BJC IZ4IRO JA1CCG JA2ODB JA9RT JF2RSF JL3DGI JM1LPN KA9OKH N5QZ N7RD W1MR WA1KXV	153 HB9BEM JR0GXA JR7MAZ K8RCT K8ROK K9MMS K9UWY K9YZ KC9WPS KK4XL N0VVV N5JED OH3FVP SP5NON W8PE W8VK WB4SON	150 DK3BK DK3FB DL9SAD	148 4F3BZ A71AM AI6P CU7AJ JF2AIJ	146 AB9BH EA4D G3LAS* HP3TA JA3KWZ JK1AKA K7QBO K8ARY K8POM K9AAN KM8AM N1BRL N4KEB N6FS N6RK N9MR* N9XG SM3DXC VE3NKS WA2MUA WA3SKQ WW8RT WY9V YB1BML ZS6UT

145 5T5PA AA5H AC7JM AL7TC EA4S IZ2CSX JA5SEY JH1CTV JJ1OKK K3EJ K5FXB K6CW K7YMG KF4JHG KS0M N6KK W2RS* W7NP WR7Q	W4JVN W4UFO W7VS WY0V	W9BS WW6G YB3MM	137 DL2RD G3PSM JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KI0HA KM4CQG KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W4VG W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	JM1CMA K4OP K5SES N6DW NX8Y S53MJ W5IO W7QHE WA7HR WB3AVD WB6FWS WB9IWN WO5I WT3Q WU1U YO3GJC
144 AD7Z EI7JZ GM0VIT JR1HYA K1TKL KS8W N5PD N5UE N9MSG RN0C UY2UZ WB1S WX2CX WX3P	142 HB9TJG JA1PUK JI1UHZ K1AJ K4AU KA6BIM KE7BMG LA1J N5RN W2FDM W8WV	139 F5VML F6FHZ HB9DTE HL4CBX IZ8EYN K0QB K2IRM K2WJ K5KEW K9TRV KB8KIM KX4I M1EMC N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB* W4EJG WA5YNB ZL3TE	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	134 AB0RX EA6AZ HB9PUE IZ8DEO JA6GXP JF2OHQ JH7RTQ K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KC2STA KF5WCP KN4OK LB5GI N1AH N6XT SM3WMU W2KNG W4UAT XE2AD
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K9BQL K9MQ KE4FW KG6D KI4R KJ4R KN7K LB2TG N2YBB N4UP N7ZA TG9AJR	141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF IZ6ERS K2JK K4RM KA5SYP KA5VFU N1BCL* SV2JU W1ITU W1NA W5GOL W7KKC WK9U	138 AC5AA DL5KUT DL5ZB DS3EXT EA3NG G0FWX GM1TBW JA0CVC JA1VRY JA6NQT JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KU9S N3PV N9BVA NT9F OD5YA PV8ABC V31CQ VE3MSC W0UHL WA5POK	135 AB4FH DL4ZAB DL6WM GM1BSG GM5YTT HZ1GW IW1GEU JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD JA5IBP JM1JIV K6ME KD0KZE KG6WIK KI4TZ
140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N7TW NS0D NZ9Z* PA0QRB VA6SZ W5VU W7SX				

LA9KY	130	JH1AWJ	VU2TMP	WR2G
N1BKB	AA4QE	JH4GXE	W0MF	ZL3PAH
N3HYB	DL1SWN	K0MD	WB2KSP	
N5EI	JA2LMY	K6OJ	WB9TFH	124
OH4KRN	JH3PRR	K7PTC	WC2L	DJ3EJ
OH7HM	JL4BSE	K9YKL		EC4KW
VU2ABS	K0BX*	KC2THY	126	EI8IQ
W1GY	K2MHE	KC2WUF	EI4HH	G4RGK
W3GP	KB4DSL	KD5R	IK4TVP	IT9YOZ
W3MF	KB7V	KK7BR	IU8GNY	IZ5BYJ
W6OUL	KD4CM	LU6XQB	JA5CDL	JA3AOP
W9SE	KG2U	N0DL	JA5XPD	JK1MJE
	KN4JX	N0JR	JA8WGX	K3SUI
132	N0YO	R3BB	K0AIZ	K7HC
7L3SQL	N1SZ	TF3MH	K2GLS	KB8DID
AA4FU	N2YF	UR9IDX	K3LL	KC2NJ
AK3E	N6BDX	W0QD	K5KDX	KC4AA
AK6I	NS4F	W5MF	K5WRE	KD9ZR
I8NLC	OZ6TL	W6IS	K7PO	KE8NOA
IZ0COI	PU4MMZ	W8BI	K8GT	KK4TKJ
JA9KRO	W1MO	W9EBO	K9QA	KV8P
K4BNF	W4BH	W9TO	KC5RR	KY6AA
KG8OU	W9CTJ	WA2BOT	KK4CB	N4LSJ
KI7HO	WB8RFB	WA4UWD	N1GNB	N5VBK
KK5ID	YO8PS	WC4V	N5HC	NT4K
M3DFW		WP4CQ	N8YQX	W0DD
N3TR	129	WQ1H	NC7M	W6ND
N4EDT	AD6KQ	YB0AZ	PV8AJ	WF5I
N4QOG	AE7U	ZS6AKU	VE3TMG	WW5L
NN3V	CR7BRV		VK2DAG	ZL3REX
ON6YH	DS4EJA	127	W3ATV	ZS6NK
OR4K	DS4OMS	7Z1HL	W8PAT	
OZ3SK*	IK8PGE	AG4TO	W9COS	123
SM7DXQ	JA1PLT	DJ5DT	XE3E	AB4BJ
UW7UA	JA2ACI	DL5FAC		A15EG
W3KHZ	JA3WMS	EA4TX	125	DJ6OZ
W4MC	JH1RFM	EI4BZ	AB5GU	DS4DBF
W5FL	JN1SUT	HK6K	AC4XO	G6NHU
W7FI	K4CNF	I2YPY	AF8C	IK0XKP
WA1HXX	K7ORK	JA0BES	EI8GS	IZ8LMA
ZS1EL	KB4KBS	JE2VYM	G4EHT	JA1GLE
	KS4WA	JG1LRE	JP1GVC	JA2HOL
131	KX7L	JG5DHX	K1FUG	JH1RVQ
JA9EJG	N9AVC	JH1HRJ	K4TG	JL3RNZ
JH1IY	SM2YIP	J11MNT	K5NOF	K2JGL
JK8VMB	VK5CE	JJ2VLY	K8YAH*	K3DQB
K0ARM	W7TG	JR1LZK	K9ARZ	KB1W
K7GA	WU7X	K2GW	KK5J	KE7AUB
KA5IAU	XE1ILI	K7LFY	NN6CH	KG4OJT
KD2NF		KF3N	SM5AFU	KN9N
KN4WOJ	128	LA2LI	W0XE	LA2XNA
M0NGN	A71XX	N0AB	W4AO	N1ECC
N0AKC	EA1AHA	N1BZ	W5CWQ	N1GFV
NG4DX	EI3IO	N3GTG	W6ELI	N6DVR
NN6K	F4GTB	NA1RL	W6PG	N9RE
W5EC	HL2DBP	ON5EQ	WA4TMJ	OH3TY
	IZ1UKF	VE3EDY	WM4AA	PY2ADR

SV7CUD VE3VHH VU3WUA W2ARP W2WGK W4UT YB9WZJ	TA1L TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D	HL2MHU JA2KGQ JA6JYM K0FJ K2CQW K7LOL LU9DO N8ERL N8LCU SV1BYI SV2KF VK7AP W1ZK W6ZPL W8EOG W9JJ WF8Z WJ1B ZL2AO	F8EZE HB9MZI IS0BZR IZ7QFN JA9KA JM3GXU K0FF K3UT K4AEH K9LCR KA4AHU KB2S KB5CSQ KE9V KO4PY KP4ED KZ1X N2IFA N8AGU NG0G VE7NY W3LWH W4ARK W4PG WA6VZN WB4MM WB9WHQ YO6HOY	W7WES W9LU WA4VJK WT9U WW5RC 115 AA9WO AF7WM E74A HL4RBR IW2FLB JA0NPQ JH8LEY K1RE K8CR KB4CRT KG4URP KW1X MM1PTT N7PIB NE1RD NW6V OE5MPL SP5BMU W4OV W5WS WJ5K WS4H
122 AA0BH AA5B AB5YI DL6LZM G0HSA HC1HN JA9ALR K0HQW K4VAC K5TU K7BWC K9KJ KB4ET N0UCR N4GRC N9ATD UT9LC W1ES W1HEO W1KKG W5HNK W6HB WB2AA XE2MX YB5WIR	120 AA2T AC4TO AE5LK AI2S CT7ABD CU2CE DS3DNT DS5QLJ F5AQB IK8IPL IT9JPS JA1DCO JH5OTE JJ1XVA K3QB K4IE K9CHP KJ6Y KM5VI LU3XX N1TQP N2SO N3DV N3GS N4PGL* N4UFP NJ8G NR2D VE3QAA VR2ZXP VU3RGB W1RG W3MRL W5RYA W6GJB WT5L	118 6K5AQY AE1T AJ6X DJ9KM IZ0RPS IZ1JIZ JA1CCH JA2KPW JA3KKE JA6CMQ K9KJS KA9JAC KB3KJ KD9BIE KG5POL KG5VK KM6WXB KX6C LZ1XZ N2ADE* N2CJN N4ZY* N8KUS NA9L R6TY VR2CC W1MJC WA7ZXD WA8RCK WB5TOI WD0ANB ZS2I	116 6K2ILX AA0FT CT7BQH EA5GXI G8GHD JA5GOJ JF1AZQ JR4DHK JT1CO JT1DN K1EO K4GHS K4LCP K8JRK K8MN KC1RET KD5RBU N0ATQ N2ZL N3CAL OE6CLD RW6MBC SM1NJC VR2IL VY2RU W1HQ W7QC*	114 EI2IP EI4GNB G3CWW G4HUN HC1HC I0BJV JA1CPU JA8EIA JG4OOU JM3XZC K3PL KA1CTL KI8AE N3DD NA1DX NG8T NK5K TF1A TF3G W0QKL W2ZK W8LR WD0AJG WN0L YB2BNN ZS4JAN
121 5H8HZ AK0A DL7UGO HA2EQD IK6BMU JA1CPN JA1EYN JA1WTO JI5WDC K1LTJ K3CWF KK4ODQ KU2A N0TR N3ER N5ZY NA2R NA4MM NY4G OZ6EI PP2FN	119 DL2VWR F5BAR	117 CE3FZ DL9QJ		

113	JH0LME	DK4MX	N4LS	VE7VV
AB1NS	K0XM	EA1BLA	N4WD	W4DVG
AC0B	K4HEB	EI9HX	N6RVI	W6CN
AD7XG	K4ZMV	G4VWI	N7TP	W7SMW
DL2DCX	K4ZRJ	HB9BEP	N8XS	WB5ZAM
EA5DPL	K8CJY	HG6IA	NN8L	WB8LEM
EI2FG	K9KDS	IZ1EPM	NS7K	WC4B
F5EOT	KW8I	JF3KOA	NW6R	
F8GB	N0OK	JH1FRW	NX1P	107
G0UII	N8AID	JR2PAU	PF7M	AB7RW
G4NAQ	NQ4A	K3MSB	PV8DX	AK1P
G4YCS	NZ7Q	K3WSU	SP7ASZ	BG8PA
HB9GZE	S51DV	K4KAL	T88UW	DJ5FZ
JA2CPD	SV2BXA	K4RP	W4JDS	DK2GP
JA4CSJ	W1USN	K6DJ	W5SG	E73D
JG0HEW	W3WN	K6SLO	W7CB	EA2BFM
JH1GNU	W4LLP	K9TVG	W7VP	IC8XIL
K1JKR	W5GCX	KF6XA	W8MSP*	IW1PVT
K2KNB	WA1DD	KF8PD	WA6URY	IZ1XBB
K4JDJ	WD8LTM	KN6HIP	ZS1IS	JA3MAT
K4JLD	WF4W	KV3W		JE1CTA
K4TR	WM4D	N1TQ	108	JS1LQI
K7MO	WN1M	N3TTT	7M4CLF	K2FJ
K9DUR	WW6W	N3YZ	AC0XY	K2ZD
KA5OWI		TF8GX	AC8MR	K4LQ
KB1OIQ	111	W1ZZ	AC9DX	K6DLB
KB2TGU	AK4N	W5JE	DB9CR	K7UWR
KC0V	EI9CN	W6TCP	DL1TPY	KA4LBD
KH6P	F8DZY	W7UV	DL2AMD	KB0EL
LB8CA	G4ZWY	W7YED	DL2NAI	KF2G
LU3JVO	HB9ECS	W8TE	DM5TI	KJ4FZ
NC6R	IK7ZLW	W9GFB	DU1IVT	KR4U
S52R	JA4DLF	YB1SKR	EA5XV	LU5OM
SM7TZK	JA5EEU	YO5QAW	G5CL	N0MHL
SV2DSJ	JA9IWR	ZS5LEE	HL5JYS	N1UZ
VA3AYA	JE1TNL		IK1RKN	NI8Z
VK7ZE	K2KYH	109	JA2DCN	PP5VA
W1FC	K5NV*	AA4RX	JH1OVY	RM6LW
W3JM	K8ZEE	AC8AZ	JR4NUN	SV3EXP
W6BBS	K9JIG	AF3K	K3XO	TA1CQ
W7CD	N4NYY	E70X	K4PWS	UX5XK
WB2UFF	NT5O	F5DBT	K8LBT	V31MD
WB9YJE	P40P	F8DHE	KC5N	VA2GA
	PT7CB	G0MMI	KC8YG	W5HY
112	TA1UT	G4FVZ	KE3ZT	W8JA
3C3CA	TA2RC	JA1IAW	KG4IYS	WB2BXO
7Z1CQ	W6KF	JA1QEY	KI0KN	WB2MKX
AD4YQ	W7WT	JH4GNE	KI4SFT	WM4W
AJ6V	WA1JQC	J11ZS	KJ2AM	WS7I
EI8JB	WB8PKK	K0FD	KJ4SKO	ZP6CW
G0DTX	WU4B	K0TI	KO4XI	
G3YFE	WW4N	K4AEN	LA4EI	106
GM0SCA	XE1ZTW	K6JAD	LU2AH	AB6WQ
IK4EWN		K9JE*	N5FPW	AC7DX
IS0BQE	110	KB3Z	N5TW	AC8IL
JA4RED	AG5Z	KB7DT	NJ2X	DS2GOO
JF3AHI	CT7ANG	M0AQM	TA1HZ	DS5MNO

EA3AGY	JA1JYS	K0HB	K9WMS	WB4PWZ
EW4DX	JE2VVN	K1TWF	KA7CVJ	WB7QBS
F5VIF	JE6UWU	K4KZM	KP4DDY	WD6T
F6JSZ	JJ2BLV	K4WW	KQ6K	WD9IOK
G0OJG	JK1AIA	K5JUC	M0UPL	WN9A
G0RPM	JS2IYY	K6WY	N1MIE	XE1SAX
G3LPS	K0DKR	K7UW	N4MTT	YB0EIN
HI7SB	K0MB	K8WVA	N5OP	YB9AY
HS7WMU	K1RI	KE4YOG	N8URE	YO6BHN
JA3FRI	K5WE	KE8Y	NB3R	ZS2ACP
JA7HYE	K7CMZ	N1FOJ	NI5G	
JF7NNI	K8FB	N3PW	NS7U	101
JJ1IRS	KJ8N	N4PAJ	RX3BP	AA9D
K1XO	KK4MA	N4ZR	VE7XT	AB2NI
K6US	KZ4EX	N8TEM	W0RSJ	AB4EJ
K6VWE	LA9JKA	N8WXQ	W2SUB	AB8YZ
KA9TOX	LZ1JZ	NA8W	W4CU	C31MF
KD2RUY	N2YU	OM6CI	W8EH	DD9WG
KI4NSP	N9APK	OZ9U	WA8KNE	DL3XAC
KM8V	N9IXD	PY2YW	YB1ALL	EA4OR
KT5V	ND4K	RK2M	ZL1IM	EA4UV
M0PCB	NK7L	VE3ZN		EA8TZ
N4DJT	OH6IH	VK3MB	102	G3VDB
N6UOZ	PV8RR	W0VU	4X1VF	G4GEE
N7MW	VU2DED	W5PD	5W1SA	G4PUQ
N8OYY	W0PPA	W7KHZ	DB2WD	G8GNI
N9ZJ	W1MRH	W9GXR	DL4FDM	IK2HLM
NG4C	W1PY	WB4HMA	IC8SQS	IU2LFP
NI7F	WD4OHD	WB7QXU	IZ7QSS	JA1KZP
PT2DF	WK3A	WX0B	JH1IHG	JA5ALE
PY2OC	WK7W	YB1BUL	K1MDA	JA5JUG
UA0ABB	WZ9B	YO6HSU	K2DH	JK3NSD
VE3BHZ	YV4EH	ZS6HON	K2DW	K0GEO
VE3XK			K4HR	K3AXB
VU2MB	104	103	K6BLG	K3LA
W0TLX	7N4OBV	AF8P	K6JAV	K3SNO
W4/KL7GLL	AA2WC	DS5JMG	K7JH	K5HX
W7GB	AA6XV	EA2RY	KA8HDE	K8ESQ
WA3IIA	AJ4AV	EI9GLB	KB1AWM	K8PGJ
WA8Y	CT3DZ	FM4LV	KO3F	K9GL
WV4E	DD8BA	HB0RER	N2FY	KB5YN
YO4CPO	EA4EJP	JF1KIG	N4IR	KC3OPI
YU1LD	EI3HA	J11FXS	N8KOJ	KC4ZA
ZL3RIK	F6ARS	J15RPT	NA4D	KC5W
	G0DRM	JP1KHY	NN5O	KD4SR
105	G3VAO	K0FTC	R9GM	KE9UA
AA2F	GI3SG	K0JDD	S51MA	KJ5RC
AI1W	GW0ANA	K0LU	SM0XG	KN4AMX
AP2IA	HA5DI	K0OOK	US8ZAL	KU4A
DL9GTK	HB9BMY	K1FBI	VK2GR	LA3ANA
E29TGW	HS3OY	K2RNY	W1GF	M0PTZ
EA2AA	JA1CC	K3PIN	W4ASE	M5LRO
EA4E	JA1DHY	K3TXW	W7FS	N4PF
EI6GF	JA1RBY	K4NI	W7HJ	NC8I
FM5FJ	JH1MYJ	K4SAW	W7IMU	NZ1I
G3LOJ	J14HKA	K6XJ	W9GWP	OZ5JQ
HL4GHT	K0BRO	K7HV	W9TVX	PA3AIN

R2ARR	HB9HFM	N4GOA
RZ6MJ	IK7NXU	N5CR
SV4FFL	JA7PKV	N5LJL
TG9AKH	JE7KCI	N5LKE
UA4PK	JG3LDD	N7WFK
VA3QBR	JG5VFK	N7WR
VK4BUI	JI1LLD	N8HM
VU2OT	JN1RFY	N9MKC
W0ZX	JR4VEV	ND0B
W2FDJ	JS6UOU	NE3K
W2GHD	K0PG	NJ8J
W2GM	K1HC	NX6D
W3RMS	K1JX	OM2AGN
W3SW	K1PTF	OZ1GCT
W4PM	K2UF	OZ9GA
W6OU	K2UT	PY5VC
WB5KSD	K3NO	R2AB
WM5H	K3RRR	SP7LPD
WU6K	K4GM	UR8IDX
WX7B	K4KYN	VA2EU
XE1AO	K4QS	VE1JF
YB8HZ	K4RSA	VE3KKB
YO2OXD	K4TMG	VE7ON
	K5LLA	VR2PX
100	K5MMH	VU2OY
2E0XAR	K5PSN	W0RMS
7L3IUE	K5VSD	W0WT
A41ZZ	K5YE	W2MW
A71EM	K7RB	W2PTP
A71UN/P	K7VL	W2XX
AA7UN	K8DTF	W4CG
AC0DH	K9EA	W4DFU
AC0WL	KA2F	W4YR
AD4J	KA4H	W5YKU
AE0SQ	KB2GCG	W6OZI
AE4VJ	KB5RW	W9KM
AF4OZ	KB6IGK	W9ZT
AF9W	KD1DT	WA2ALY
AI4EY	KD5FVZ	WA2VJL
AK4AO	KE1IU	WA3UTC
DB6VH	KF5MDZ	WA3YZD
DC1TK	KF5TL	WB0RXQ
DK1MCS	KF9EX	WB2ZEX
DK7GH	KI0G	WB6RAB
DL3ANK	KI3O	WB6RJH
DL5JH	KI4PG	WD1M
DS4GQR	KK6MF	WD4GZW
EA5PS	KL2R	WD8CW
EI2HZB	KL7KK	WI0E
EI4DQ	KL7XO	WM9Q
EI4GJB	KR4Q	WU1T
EW4A	N0JX	YB6LAY
F5JWH	N0KM	YE1AR
G0GFC	N0VTZ	ZS6CR
G8GFF	N1KI	
GW0KRL	N3NVA	
HB9AJY	N4FKH	