

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

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

348 K2TQC SP5EWY	342 JR2KDN K4DY K5UR KF2O N6AR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM	W4DKS W5BPT W5ZN 331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA LZ2DF PY5HOT SP3E VE3FF W5OZI W8UVZ YO5BRZ YU1FW 330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU JH1GZE JI4POR
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT I4AVG JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF	
346 N1DG SM3EVR W9ZR					
345 HA0DU JA2VPO OH1XX					
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE	336 G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX				

K3WC	DK5WL	OE2LCM	322	320	RW3RN
K4CN	DL2OE	R5AJ	CT1BH	AA8CH	SP1MGM
K4ZYU	EA1YO	SM4EMO	EA2IA	CT4NH	SP3CGK
K9CT	EA5BM	SM6CCO	F5PAC	DM5EE	VE3LYC
N4JF	I4EWH	SM6CMU	IK4GME	G0BLB	
N8JV	JE2LUN	SP1S	IK8YTA	I2EOW	317
N9IW	JH0INP	SV8CS	JA4FKX	JA3PIS	AB9V
NR1R	JJ8DGO	W1RM	JJ2LPV	JO7WXN	DJ5FI
OK1MP*	K0DEQ	W3LL	K2UO	K1LD	DK2NG
RA3CQ	KW9A	W6RLL	K6FG	K4EM	DL5WW
SP7GAQ	N2BJ	W9OP	K7NN	KQ8M	HB9HFN
W3NO	N6JV		KA9CFD	UY5ZZ	JA2IVK
W4UM	PY2YP	324	KU0A	VE3EXY	K2RW
	RZ3AM	DK9KX	KV7K	W3KX	K6YUI
329	SM2GCQ	DL5DSM	N4DW	W5WT	K9MM
GM3POI	SM5CZQ	FK8CP	N4NX	W6XA	KE9L
IT9DAA	SP6M	G0DQS	N4PQX	YV1DIG	UX1UA
IV3JVJ	SV1RK	G4CCZ	OE1WEU		W6VX
JA2JW	YO9HP	I0WDX	OH1LEU	319	WD0DAN
JA7KY		IK5PWQ	ON4CD	DJ4AX	WX4G
JA7MSQ	326	JA2BDR	PA3EWP	DK1FW	
JH1TWT	EA5BY	JA2DPC	R7DX	EA8AKN	316
K0EU	JA9APS	JJ3PRT	SM5KNV	HB0CC	AB3CV
K1HTV	JE1SYN	JR2LJO	UA4CC	IK4DRR	DF2UU
N5AW	JF1WPB	JR3OEH	VE1DX	JA9TWN	G0OIL
NI0G	JF3KON	K5KC	W5CIA	JJ1DHY	IK2QPR
NO8D	K5EK	K9YY	W5TCX	JR7VHZ	IW1ARB
OZ1CTK	K8PT	N1NK	WI8A	K5MC	JA5XAE
R4GM	LU2NI	N4II		K6AM	JA8EAT
SP6CIK	N3NT	N8BM*	321	N4DB	K1BD
SP8NR	N7RT	OE8HIK	AA4V*	N4QS	K3WA
W5XX	NK1K	R3OK	G3TXF	NE1B	K4HB
WA1JMP	ON4IQ	RV3LO	HB9BIN	ON4AOI	K8YTO
	OZ1AXG	VE2TZT	IK2YCW	UA3AP	KG8P
328	SP5DIR	W8OI	JA0GJJ	YO3APJ	N5DG
AA5AU	W8DCH	W9OL	JA1XEC		SP1JRF
DL7MAE	WP4U	WB4TDH	JA3AZD	318	UA3DPM
IZ5EKV			JH1IFS	A45XR	W1GL
JA1SJV	325	323	JH3CUL	AA4HP	W7MO
JH2FXK	EU7A	AD1C	JH3VNC	DL6KR	W9ILY
JJ2KXK	HB9DHK	EA3GP	JH4ADV	G4PWA	WA2VYA
K4QL	I5NPH	GM0GAV	K2VV	JA1ANR	WA7NB
RU3FM	IZ0AEG	JF1KKV	KX4R	JA2JNA	YB5QZ
SL0ZG	JA2FJP	KF0QR	N5XZ	JA4EPE	YO7LCB
SP9DWT	JA5WIZ	LA7HJA	OE6MDF	JH4JNG	YS1RR
W1ECT	JF1PUW	N5TY*	OE8RT	K2TE	YU3AA
W2IRT	JF7XKY	N8RR	SM6DHU	K4IQJ	
W5FKX	JH8RZJ	NY0V	SP7VC	K5BG	315
	JL1RUC	OH2BLD	SV1FJA	K5DU	9H1SP
327	JR3GWZ	SM6DHF	UT7UJ	LA2PA	AA5AT
AB4IQ	JS2LHI	UA3AB	W4FC	PY5EW	AB6QM
CT1APE	K9EU	UT9FJ	W8GC	R3VA	G3VKW
CT1IUA	K9IR	W7AO		RA7A	HK3W

IZ1LBG	JA7QVI	JF8QNF	R7NW	305	SV2AEL
JA8RJE	JF2UPM	JG3FEA	SP9JZU	AJ6T	W1SKU
JA9CWJ	JG3LGD	K0KX	UR5EDX	DJ4XA	WT8C
JN3SAC	JH1NYM	K5XI	VA5DX	JA1IOA	
JR2BJE	JR1BAS	K6RO	VU2NKS	JA1WSK	302
K8NVR	JR1BLX	K8AC	W1YM	JA2NDQ	DJ5JH
N5OK	JS3CTQ	K8FL	W2QO	JA7BWT	F5CQ
NN4R	K4SO	KC7V	W5ADD	JE6TSP	G3SVD
OE3EVA	K6KLY	LA9AJA	W6ENZ	JH7RXU	HL2IFR
ON4IZ	K9US	NS6C	W9MU	K0JUH	JE8CLT
PY2NQ	LA7JO	RA0FF	WA8WV	K3XA	K4MS
SM3VAC	LB8DC	RL9F	WE9R	K9NW	OH8LXT
SV2DGH	N2NL	SM2OAN		KG4W	PY7DJ
	N4TL	SP6HEQ	307	N9AU*	R5DT
314	N8KOL	W0YG	A65BR	PA5TT	RK4FD
AC4G	ZS6EZ	W4BP	DK2JX	RA9CMO	W0VX
CT1DKS		ZS1LS	F2JD	SM3NXS	W4QN
DL6CNG	312		HB9TKS	YB1UUN	W5VY
EA1N	AA5AM	309	I5HOR		WD4LBR
EA6VQ	F3SG	JA1EOD	JA2XW	304	
G3NDC	JA1SYY	JG4AKL	JA3GN	DJ9ON	301
HA1RB	JA1VSL	K1AR	JA6WJL	DK5AD	AE5E
IZ8FFA	JA1XCZ	K2UU	JJ3HGJ	HB9CEX	CU2AP
JA2AH	JH1AGU	K8QM	K2SHZ	JA9FAI	HB9BOI
JA2ZL	JH1QAX	K9ZO	K9RX	JE1DXC	HP2AT
JR4OZR	JN1BMX	NN4SS	LU8EKC	K8GI	JA0DIN
JR9LKE	JR6FC	NU8Z	NI6T	N7US	JA1LSP
K2LS	K1HT	R9TO	W7DO	N9RS	JA1SVP
K5AQ	K3RA	RU3DX	W7OM	UY5AA	JE1LFX
KB0EO	N1IBM	RX3AGD	W9JA		JG8FWH
LA7AFA	N5ORT	UA4LY	WA5VGI	303	JK1GOK
MD0CCE	RU3QR	W2JU		E72U	K4SE
OE1AZS	SV1CNS		306	EA3GHZ	LA5LJA
OE1ZL	UT2UB	308	9K2OD	G3LZQ	MM0EAX
SM4DDE	W7CT	DL2CHN	DL1KUR	G5LP	RN3QN
SV1DPI	W8HW	F4BKV	DL5EBE	HB9DDO	UN6T
SV1JG	WD9DZV	HK4SAN	HB9DDZ	HL3IUA	WB5JID
UA6MF		IU7QBB	I1EIS	HL4CJG	
UX0FF	311	JA1IZZ	IK4PLW	IK2RPE	300
W9RN	CT1FMX	JA2WYN	JA2VQF	IK4ADE	AC0A
WB0TEV	IK0PEA	JA7IC	JE2LPC	JK1EXO	DL1TRK
WB8BPU	JA2XYO	JA9GPG	JR2UBS	K7WP	DL4CF
	JA4MRL	JE2EHP	K5WAF	K7ZA	EA1AF
313	KM4H	JH1SJN	KD3CQ	KB1JZU	EI2GLB
5B4MF	OE3SGU	K0GY	OE5RLM	LA3WAA	IZ5RVG
CT1GFK	OZ4O	K0KVR	R8TX	OE5BWN	JA2ATE
I3BUI	PY2XU	K8OM	R9FM	RL3FA	JA9AA
IZ2AMW	UR0MC	K9MK	SP5IWA	RW4NN	K8GG
IZ8FWN	WB9CIF	KI0KB	UN7JX	SM6CUK	K8TL
JA1GRM		KN5O	US5WE	SP2BMX	K8VFX
JA5IU	310	KS1J	W5AJ	SP3IBS	PA3CSR
JA6VQA	HB9SLO	N8TR	W5XC	SP7HOV	VU2PTT
JA7JWF	JA0CRI	NQ1K	ZL3JT	SP7ITB	W3OA

W3RJW	AA8OY	HA9PP	291	W9YSX	N8SNM
W6TC	AD6W	IT9CVO	4Z4DX		UR5WA
W9AJ	CT1DOF	JA1XPQ	EA6ET	288	VE1JBC
WA9PIE	EV1R	JA5SUD	G0EHO	CT3MD	W3GQ
299	GM0AXY	JE1GWO	JJ1TKN	HB9RYZ	W6PJ
4X6ZK	IV3YYK	JH1BAM	K4ZO	JA2JRG	W8AXI
DM2DXA	JA1JAT	JJ1DWT	KP2A	LZ2JE	W9MJ
EW2A	JK1TCV	JR1DUP	LA5HE	N4LR	WN6W
HB9CQK	K0KT	K3FRK	N2TN	N5LZ	
HB9RG	K3PA	K7ZV	N7RO	N6UK	285
IK5RUN	K6FW	KD0Q	PY2KP	ON6AA	CU2DX
IZ4MJP	K8VC	KZ4V	VE3CFK	UA3AGW	DL2SWN
JA7LGE	LA8PT	N0KV	W7BEM	W1YIF	EA3GHQ
K6SIK	LU4FPZ	RU6L	W8TN	W2LE	EA5KA
K9SM	N0RB	SV3DCX	W9FR	W2NO	HL2WA
KB8VAO	RA3QK	W3JX	ZL4TT	W3FOX	IK8VRH
N9FN	SM6BZV	YO2CMI	ZS2DL	ZS1A	IZ8DFO
UA9FAR	SV9COL			ZS2EZ	JA0PE
VE3BW	UA6YW	293	290		JA2IYJ
WA3AFS	W2GG	DL1HRN	AA4A	287	JA2VMU
XE2CQ	YO2RR	DL1SMA	DS1JFY	9M6YBG	JR8AMF
	295	EA3WD	I4KDJ	AA8LL	K1USA
298	DL1DUO	G4GIR	JA1KQX	AA8R	K6GXO
5B4AHJ	EC3A	IK0HFO	JA1QXC	IV3GOW	K6PJ
CT1FCX	IW0SAF	IW1QN	JF1NZW	JA9NLE	KJ6P
DL7BA	JA1BPA	JA2CXF	JH3GCN	JE2OVG	LA8HGA
IW0HQE	JA1FQI	JA3EOP	K1DG	K0AZ	N8LJ
JA4ITW	JE2DZC	JH0BQX	KD0PO	K5RT	OE1WHC
JA5BEN	JH4ALY	K4JAF	LA2QM	LA3MHA	PE1L
JA7MYQ	JM1FHL	N2LM	LU3CQ	N3VA	W1OPD
JL2JVX	JN1RQV	N7IR	PP1CZ	N8PW	WK7E
JR7WFC	K0BBC	PY2IQ	RD3AW	R9SA	
K2PK	K0TPP	S55DX	SK3PY	SM5ARL	284
K8EUR	K1GG	W7ZJ	SV3AQR	W1VT	DL6JZ
N4RWG	K4XD	WA4FFW	UN7LZ	W4YCH	EI9FBB
ND0N	K5VIP		UN7TW	W8AV	GM3YOR
PY2VA	K5ZK	292	W1EQ	WA6F	IZ3ENH
ZL1BYZ	N7TY	DL5CW	W2LK		JA0DET
	NA5C	E72A	WB9EEE	286	JA8CJY
297	RM0F	EA5AT		AB5A	JG3SKK
E73Y	SM5FUG	G8DX	289	CT3HF	JH3SIF
JA3RQ	SP8HKT	HB9BAT	DL9TJ	DL2VPO	OE2GEN
JE7JDL	SV1GYG	IZ0RVI	JA8EJO	HL3GOB	OH4UI
JG0CQK	W5LT	IZ3ETU	JA9FPI	IK0AGU	SM0CCM
K6ND	W6XK	IZ8VYU	JA9IFF	IK0XBX	SM6CTQ
K8WK	W7AL	JA3ENN	JG1WSC	IZ8XQC	W2AY
KG7H		K5DHY	JH4GJR	JA2FGL	W4FQT
KT1J	294	K7ZD	K3UL	JE3ENP	W5ODD
W6YI	AI9L	N8II	KK0M	JF2WGN	W8BBQ
	AJ9C	R6AF	R0FA	JH1BNC	
296	EA6NB	W4VIC	RA1QD	K1LPS	283
AA4R	HA5VZ	W6SR	S57AT	K1RO	DF2GH
			VE3EK	K5PS	JA1RTX

JL1XMN	ZS4TX	W3BW	273	LA9GX	WA1YTW
K3WW		W8RLS	CT1BWU	N4UOZ	
N6TA	279		DH2PC	NN4X	267
OE8SPW	AA6AA	276	JA1KPH	UA3TT	DL4DW
W1LW	JA2XCR	DK3WW	JA2TBS	W1MK	HB9MFM
W6BJH	JA8DNV	HB9LCW	JA6BEE	XE1MEX	IV3VBM
WT4Q	JE8TGI	HK1MW	JM2RUV		JA2QXP
282	JF2XGF	IZ5BAM	K4RG	270	JA7BEW
K1DT	JH7BKN	JA7FWR	KA1ERL	7K1PTT	JA8UIV
K5UO	JK1UNZ	JA7LMZ	KI5BLU	AA4FL	K5VWW
K8ROX	JO4CFV	LA0FA	LB2TB	BA4MY	K7XB
PC3T	KF2DT	LA9VFA	N4IG	DK8MCT	SM5BMB
SM4CTI	KQ4AV	N5MOA	N4JQQ	EA1KY	W6RS
UA0BA	OH1ZK	ND4X	OZ1ACB	F9XL	
W4OX	SM0NJO	NK0S	OZ4VW	K0BJ	266
W9HBH	VE3DZ	OZ1LCG	RW7M	K7UA	EI8IU
WA3C	W4UCK	RX4HZ	W4HG	K9JF	IK0UTM
XE1KK	WB2BIN	SM5CLE	W8QZA/QRP	N4QQ	IW7DVM
	WO7R	UN3G	WA0MHJ	N6RV	JA3BXF
281	278	W1ZT		OE3HWC	K8AJS
AD5Q	9A4T	W2OIB	272	PU2POP	NU1B
BA4RF	CT1FPQ	W5GO	AF9H	VE6LB	PZ5RA
EA5OX	EA8RR		DS5ACV		RA4CA
F3AT	EI9JF	275	I5OYY	269	SV1HEP
I1FQH	F2NH	AB4SF	IK5PWN	HB9IQB	VE3YF
IZ8FDH	JA8LRG	JE1BMJ	JF1LMB	IK7FPV	W0FLS
K0GD	K2UR	JG1OGM	JH1OBS	IK8EPC	W7YAQ
N2WB	N4HB	JJ3CJP	K1UU	JA1OVF	W8MET
N5GH	N9ISN	N2JJ	K6IPM	JA1VLK	WB2GAI
OZ1IKY	N9ISN	N6PSE	K7EG	JA4VLK	WB3LHD
SM5ENX	SM4AZQ	N7KA	K8BL	JA6GPR	
W0LS	VE3CRG	ON5UE	K9MBQ	JH3FHQ	265
W8HC	W4MAY	PA7RA	KB1EFS	JP1NWZ	4F2KWT
W8KEN	W8MHW	WA0RVK	KI4GE	K6EME	G3WPH
	WF2S		N2DPF	KR0P	JA1VRU
	WS5W	274	NV9L	NW7E	JA4FM
280		7M4AOE	OE5FIN	OM4EX	JH1ACA
CT1EAV	277	EI6FR	PA0ZH	SM5FWW	JR1WCT
GM3PPE	EU1KY	EW1KP	SV1ACK	YB1AR	K0DD
JA3XNH	F5PBM	IW0HOU	W2OO		K2CBI
JA6TMU	F5UJK	JA8ZO	W3ACO	268	K2SN
JH1HHC	IZ4DPV	JH1IAQ	W3AP	HB9BUN	N5KM
JN7DOS	JA8EOT	JM1GHT	WA1S	JA1IAZ	N9JV
JR6LLN	JH3KAI	K3PT	WL7E	JA1NWD	SP6JIU
JR7FRW	K2AJY	K6UM		JH4HMG	VE3SKX
K0TT	K8UT	KA8SYV	271	K2KA	W5DM
K4WNW	N9RD	KA8ZPE	4X1RU	K6BV	
OH1JP	ON4CAS	KS3F	HL4GAV	KD4W	264
PY2DS	SV1FJP	NA5DX	IK2DZN	N2AJ	4Z1UF
SM5CZK	UW2ZM	RA5BM	IZ8EJB	N5JB	EA1KP
UT7UV	W1KSZ	SV9AHZ	JH1OCC	SM6BGG	F6DBX
VK3HJ	W1YRC	UA3ECJ	JM1HJG	W2FV	HB9DHG
W8LGJ	W2PP	W7MEM	K3PU	W9OO	IK4AU

IZ0NRG	WB8ART	JA8BNP	K6EID	WF4U	EA1RT
JA7HRM	WQ6Q	JE2RDO	M0TTB	YB0COU	HA7TM
JF2WXS	YB2DX	K2UFM	VK3NX		HB9EFK
JR4LNG		NI3P	W6DE	252	JH6PFY
K1CA	261	PY5CC	W8JRK	DL7UPN	JL1MWI
K8RRT	7K1CPT	SV1FKZ	WB7B	F1ICS	JR0EQQ
N1EN	DK3PZ	VK4CAG	WV9L	G3KWK	JR5JAQ
N1GC	EA3EQT	W1KDA		G3NKC	K1KA
PA7TWO	G3UAS	W7AH	255	JA1BNW	K9YC
SV1CQN	IS0AFM		AI6Z	JA4HAW	K9ZM
VE6AX	IZ8IEV	258	EA5RD	JF3PNQ	KQ3F
W5PF	JA3FHL	CU3EQ	F6ECI	JF6XQJ	OH2IS
W6TMD	JH2PWY	DK7YY	HC1BI	JH4CBM	PA0JSE
WV4TN	K2FW	HL3AMO	HI8R	JL1BYZ	PY2FN
	K7LJ	JA9AGN	HL3DE	JR1VAY	W7HPW
263	KM1D	JR3UIC	IV3TMM	K1EFI	W7IU
DK4TP	LA5SJA	KH2L	JK1OPL	K5FZ	YL2KF
EA3CJ	N9UA	SA0AQT	K1FEV	KB9DAK	
EA4DL	OM8FR	US0YA	KR4F	N6PM	249
HA7UW	SM7CQY	W1SSN	N1RK	OH7TV	AF5CC
JA7XBG	W0JM	W5JAY	N5BO	W2GW	HL2CFY
K1KO	WA5LFD	W9EWZ	VR2XMT	W2ZI	IZ8GGF
K4KAY	ZS6WB	ZL2IFB	VU2CPL	W7CA	JA8FFM
K8FH			W2/CT1GIF	WA4CEM	JH1APK
K9FN	260	257		WA4JQS	JH8GEU
KN6KI	AA9A	AF4HX	254	WV6E	JJ1QUV
N1RR	EA8MT	DJ0UT	BA7IO		K9NR
N7BT	EA9IE	DL9FCY	CT1BWW	251	KF7F
NA5Q	EC1AIJ	EA1JO	IZ5YHD	9A4W	N0RN
NF1G	F6HLC	EA7SG	JH1VUO	DL2RTL	N3KN
SM7IUN	FG5FR	EB3CW	JH2VVH	HA5PT	NH6T/W4
W0GG	JA2FBC	IK2PZC	JJ1BMB	JA1DDZ	OZ5NJ
W2XI	JA3VPA	JA6OXT	K0GW	JA1EMQ	SM4OLL
WA4LOX	JA3WLN	JE1PNX	K3SEW	JA1SKE	UN3GX
ZS6NJ	JH3FUK	K1SM	KI1U	JA5BGA	VE3YV
	JH4ADK	N1API	LA5YJ	JE1VTZ	W0RX
262	JJ2WOC	N6HC	NE8P	JH1DGJ	W8IQ
CU3EJ	K1ESE	PY2MC	UA3O	K4VIG	W9RC
I5REA	K8YSE	RU1AB		K8CW	WB8K
JA8BAR	LY1G	SV1VS	253	KG9Z	XE2D
K8AV	N1SV	W3FI	AC9O	KJ7TEA	
LA6UL	N6MZ	W8MJ	FG4NO	N4SC	248
LA9FFA	NT5V		JA6IVR	N5UL	AK5X
N3RC	SK7AX	256	JA8XQI	NV4B	DS5DNO
N8OC	SP6A	BH4QYX	JE1HRC	W2JLK	EA4DEI
NK4L	TG9NX	EC1A	K6MKF	W2TB	G3VPW
NX0I	WS9V	FG8OJ	K8DV	W3ABT	HB9DOT
W5ZG	WV8DX	GU0SUP	KE1F	W4SK	HL2KV
W6NWS		IK4HPU	KM6HB	W5GAI	JA1PBV
W7LGG	259	JA0KJE	N7XR	W8OP	JE2VLG
W7QDM	CT3KN	JF2VAX	UA0FO		JJ1SKG
W9PZT	DJ8NT	JH1RGG	W6RW	250	KF9UG
WA3GFM	EW1BA	K4JJW	W8GNM	6K5YIA	N4QWZ

N4XP	JN1NBU	KV1E	W4KA	K4YJ	W6YOO
N6KZ	K0KG	N4OA	WA4QMQ	K5CWR	WB2KSK
SV1IW	K1YR	N9SF	WB0TVY	K8ZM	WD8PKF
W8IW	KK1W	W5DNT	ZL4AS	N2FF	WE4S
XE2X	W0QQ	W5QM		N4IQ	
	W4REX	WB8CQV	237	NA5Z	232
247	W5PJR		CT1BOY	NJ7G	EW4C
AA7G	W9FI	240	G0VXE	NW4M	G3XLF
CT1FUH	WA2USA	G7SSE	HB9CXZ	TA1CM	HB9DVO
K1PL	WA3F	IW3GJF	JH1DGQ	W2DXE	HL2ZN
K3VAT	WA8MCD	JA1DM*	JR0QFA	W7YW	JH0OXS
KH6M	WC3W	JA2FSM	K1RV		JH3GFA
N7DED		JF2OZH	K2NV	234	JH6DUL
NA9RB	243	K9JU	LB5WB	DF7EE	JR3VMJ
PY5IP	DS5TOS	KF0LA	SM0MPV	DK2CC	K4ST
S51NM	EI2HY	N0ABA	UN9L	HB9BYQ	K5FNQ
W7IB	G4XRV	N4HID	W6AER	HS1NGR	KB1DMX
W9JJB	HB9EBM	PY2GG	W8UN	IK0LNN	N9PGG
	JA2EPW	SM3LGO	WA0ROI	JA2OLJ	NY2NY
246	JS6TWW	SP5LKJ	WB8B	JE2EBT	RQ3A
GW4TSG	K8ME	UX5UO	WB8ZRL	JH5HDA	SV8DOU
HL2EIZ	W1BR	W0SZ	YO3JF	JK1BSM	W6CYX
I0JBL	W4PNY	W8WEJ		JR4LZX	W9ZCL
IV3KFB	WX2U	XE1RBV	236	K0VM	
JK1WSH			HB9DQV	K4JC	231
JR7GBL	242	239	HB9ZS	K4MF	AD5WB
K3EA	EI9FVB	AG1A	IK2DUW	K6ZZ	DK6OR
KB6CIO	JA4ZA	DJ9RR	JA1HOM	KE5FXE	IK1IYU
W1KMA	JH1ERJ	IZ1JMN	JA1JYE	KE8UM	JA1MZL
W3ICM	JH1WJR	IZ2FOS	JA3KNN	KX2A	JH0AWC
W5ZO	JK1VXE	JA6CBG	JN1NOP	ND4V	K2RU
	JR1MLU	JA7KE	K1ACL	SV8CKM	KD6UO
245	K3NQ	JA9NFO	KM3J	W3WST	LZ2XF
AC9EM	K3WWT	JE2UFF	KS4S	W9MO	N8HRZ
AJ8MH	K4PB	K2XF	N4GN	WA5UA	NA4EA
G3KMQ	K7FEL	K4QE	N6IE		SM7NDX
HB9JOE	KJ7M	K8YYY	OE2BZL	233	W4UDH
JA3QOS	N2NS	N8SHZ	OZ7FOC	AA9GR	
JJ6DGP	N6HY	WA6JA	PA0TCA	AA9RR	230
K5IB	NF4A	WB4KTF	W0HBH	AJ4A	G3LUW
KF7PG	PA3BWD		W2YR	DH0GSU	JA5NPV
N0AH	RC2A	238	W4GIW	DS3HWS	JA6AVT
N2NW	VK3BDX	JA0LXP	W6DR	EA5AR	JH7WQX
NZ3O	W8CZN	JF0JYR	WA1PMA	JA0KJD	Ji1VVB
OE3KLU		K9GA	WY6N	JA3NHL	K2SY
S55ZZ	241	K9OR	YB2TX	JH1SOD	KC9K
YB0NFL	AB5C	KA4RRU		K8BN	N3PS
	E21EIC	M0CSD	235	K8EAB	N4TOL
244	G8AJM	N4PJ	EA7QW	KK9H	W2KA
G4FKA	JH1UBK	N5ZC	EU1U	N9BX	W8FIB
IK8UHA	JP1IOF	VU2CDP	JE1IBI	NE3F	W8WVM
JA1CZI	K1XV	VU2DCC	K0EOO	SM0XBI	W9YE
Ji6IHG	K7KB	W3MR	K0VSH	W2NRA	WB2NPY

229 AA3LX AE0P AH0U DL8SDC IK2GAJ JA2VHO JA7QQQ K0HD K3FM K4CMS KD1F KI4DLS N4NW NE6I UR5FEO W1WC YB1TJ	226 DM2RM I0OSI JH1IED K2BA K2HAT K2SD KK0DX KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK W7HR W9DX WB0O	KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN WN6K 223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ IK2RZP IZ8MBW K0NV K6IPV KI6CG KW4V N4ENE NY1V W8LMG WC4H	W0BM WA0WWW WB0N WC2K 220 AA6RR DL4LAM EA5DFV JP1GUW K1DJ K1NJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR W5THT	K5ALQ KE3D N4JT SM7WVZ TZ4AM WA2NPD 217 IK0CHU JA2NNF JA7ZP JG5RVQ K1RH KK2M KU4BP N6QI OZ0J W0TM YO3IPR 216 AC4VM CX2CC DJ3XG I1YDT IT9AAI K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L 215 9H1EJ AA7XT AA8SW DS4GKF HB9IIO I5XFD IZ0BVU JR0AMD JT1BV KF4NEF KO6KD N8NN RN9N W0FG	W0TT W1JGS W4IS W6SL WA6HBR ZL2AL ZS2Y 214 3A2MW DJ3AS F4GVO HB9VAB JA7DPC K0QQ K2AZ N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG 213 9A1AD AG3V DK3UA HB9HIT IT9ODQ IV3FFI JA0LFV JA1FVS JG1JPE JG3RWX JR1EFG N6PEQ N8GP NA2M* SM7GIB VK3FM W1LE W3BJ 212 G4ZOY JA1BWA JA3LDH JJ2KDZ JR2PZX K3SX N4FN SM5AOG VK5GR
228 7J1ADJ AA0MZ EA5B F1RAF F5LIW JA1OVD JF1RYU JF1WLK K4KGG KE0A KE4UW RA3QUA VR2CH	225 DK5RL DS4AOW EU1M G3SBP JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0IL K0OK K1JIU K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W5GZ W5LO W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT KB5UNX KS4YT KU8X RA4P VE7BV	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5JZ KD2T KE6V KG6I KI7AO KR2Q KR6C N1KC N6DX W5GA W6GRV WA3I WW8W		
227 DF8FT DL2RUM I0MWI JA0DWY JK1SQI K1GE K2TER K5GH LU6ETB N1NU N6OJ NA9Q W4DEE W5RF W5SL WA9GON	224 JA8NFV JH1OGT JO1LVZ K1CBK K5CD	221 EA2AAZ IZ1JLG J11NJC K4CGY K4MV K5DV K5ZQ KU4XO KV4AA N9JR RU0SN	218 DL2NOM DL4NBE EA2AFV G4VMX I7PXV		

W5DAW WW2DX WY1G YL2TW	DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J	LA6OP N7NF N8BJQ W7IUO WA3WZR	K9OW K9TF KA1DJ KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W5AAJ W6HYI WB5NHL
211 JE2KSM JJ1JMZ JJ1KZZ JO4JDU JR1JGA KD4SN KT2C N1BY VR2XLN W6UC W6WF	207 9K2BM DG5LAC JA7MAD JE3EDJ K6ZP KE1VT M0HIH M0IKW N9AKR NW7US OE1JIS ON4ANN RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	205 AC9S DL6UNF GM0VRP IK0WRB IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME W17P XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD NN9X W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND NN5E RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3DFL K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3ML W3SB
210 AA4LR CU3AN JA7FAS JH6RTO KD8RQE LU4FW N8BK ND3L PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ	204 JL1GYZ KB5HC KK8MM KM9E N7ELL VU2IBI W4GP W7IV WB8BZK XE1L	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU EA5HM F4WDL IV3AVQ JA2MNB K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ WQ5R XE1H	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R
209 JH8UQJ K0LB KB2FCV KB4MRX K08SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX		203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTV JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K8YE	200 HB9AGO HB9FBG IZ5FSA IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX		193 7L4VYK AE4CW
208 7N3IJT			199 AA3TH AC0X AD4AA		

DH3KM	190	OZ9XU	W6BK	180	177
I4UUL	AA4U	PY2RN	WB2HJV	A61BK	4X6UU
IZ5MOQ	DJ9KV	W0PE	WB3BFC	AA4AK	IW8CGX
JA0AXV	EC7B	WV4V	WB5STU	DK1NAL	IZ2EWR
JA1QIW	F4DSE	YO2DFA	WX0Z	JH1IZR	JE4RAL
JA3PRM	G3WW		YB1RUS	K8SL	JF1LZQ
K1JD	HL4CCM	187		N7VPN	JG3KLF
KM1C	JA2ITK	4X6KJ	183	NA5S	K0KV
LZ2ZG	JA3AVO	AF6PK	IU0ICA	VR2XYL	K2JL
NU4B	JH8KFE	IK8GJR	JA2KSP	W0MS	K2MK
PY8WW	JI2UDK	KM4NS	JA3UNA	W4DSM	K3OX
SM5ELV	K5RKS	N6VNI	JE4CIL	WA6EZV	KF4VTT
SP5IXS	K7UT	W2CG	K6LRN		SM5CBM
W8NN	K8ZT/QRP	W5ZE	LA7EIA	179	SP9IZV
WA9DU	KD0AA	XE1YD	NA2U	DL5MHQ	VK2AAH
WB6CJT	N3AIU		WF8R	IK1ZNM	W0IKD
	N6MXU	186	YB2TS	JA1BON	W0JW
192	OT1A	K1BZ		JA3EEM	W1AO
F6FYD	SM0BYD	K5EWS	182	JH1XFR	W4KVS
IZ7GIT	VA3OKG	K5QX	AE4M	JK1JAS	WD8KND
K6XN	W2OR	K6EGF	I5FLN	JR3ADB	
KJ4UZU	W9ROG	KC6X	I8LWL	K4WZ	176
KJ4YLO	WA8LRW	N5QS	JA6SQR	KB7AK	AD0K
N4XYZ	WB4GLI	W8RV	JI1CQA	KE5TD	DL6NW
NC2Y		WA5IPS	JK1DDG	KJ6NZ	F4FLF
UR3EO	189	WZ4RC	K5DCW	KZ2R	G4AYU
VA2IG	AA4UC		K7LAZ	N3KV	JH8FIH
WQ5T	I0LYO	185	KG4JSZ	SP5ELW	JR1FHP
YB1TQL	IV3KCB	JK7LXU	KL0S	TF3JB	KK7YC
	JA1SGU	K0KP	KS0JD	W0UC	KT8D
191	JG1SWM	K3PP	LA5LT	W0ZS	KW9U
AA4NC	K3HW	K9AQ	N4MIK	W1HS	LA4JGA
G4XEE	K5TN	KE5BR	N8NA	W4CCS	N1JP
HA5CW	K6UXO	KQ4EE	N8NB	W4TUN	VE1VOX
IT9IPQ	KY5I	OZ3SM	NZ5O	W8QXR	W4LEW
JH1FNU	N2MEE	UN7BK	VU3CAU	WC0W	W9WO
JK1AJX	N6NU	VA7ZT	W6SFK		WA3GNW
JP1LRT	ON6KE	W0QC	W7WZ	178	WD4IXD
K1RI	RM3DA	W2WG		AA8KY	
K8QKY	RN3CT	W6RKC	181	EA8AXT	175
KF2OG	SM4BZH	WV2I	EI3CTB	G4DDL	AG5CN
N4DWK	W4AEJ		IZ4AIB	IW0BYL	EA6UE
N7MQ	W5SUM	184	JA1SZN	JA1ERB	IU8IYE
NK7C	W6DPD	AD6ZJ	KY6R	K1ZE	IW1PUR
NO0B	YB4CHP	EA5RU	N1HO	K3VAR	IZ0CKJ
OV5O		IK0HBN	N6VS	KL7TS	JE3PCP
OZ7DN	188	JA7FVA	N8AYY	KU1T	K1ROA
VK2HV	EA7AN	K3JM	NM1G	N4ST	K4WY
W5IP	JA0GCI	N5FEE	NV4A	N6DHZ	KD4POJ
W8UQ	JH7NTW	NW7M	UA9AEU	OZ1HPS	KF6HI
WB4DNL	K2AX	SM2EJE	W6TK	W7HUY	KN7D
WF1H	K2DC	UN7BY		WB6AXD	N7NG
W18R	N2ZZ	UT7KF			NS3L

UA1OM	W1ASB	169	WA0SXV	164	162
UA9AGX	W2NY	AC0DQ	WA5NFC	AC4BT	4F1OZ
	YB4IR	DM3CW		CT3DL	AB1J
174		JA1KXT	166	DL7JRD	BH4IGO
AG4Q	171	JE1PHH	AL7R	EI6IZ	DJ7JC
DL5KUA	AA5N	K8ZZU	DL1SVA	IZ0GVZ	DS3EXX
HB9HVG	AD3C	K9OT	GM7NZI	K6CF	EA2AGV
JL6USD	CT2GZE	KI2D	HL4XM	K6GFJ	HS8KAY
JR3TOE	DL5MM	N4MI	JA1PVX	KA1API	JR4CZM
K1XE	F9CI	N5MT	JG3KMT	KB7QFE	KC4HN
K5CR	JJ1BDX	N6MB	JN4FNZ	KD8MQY	N4BAF
K7STO	JS6QOM	RD3BD	JR6GHN	N2XQM	NP3CW
K9HQM	K2TV	SV1IZY	K0FLY	N7WI	W4NBS
K9UQN	K4NTO	W6FL	K7CTV	NA2P	W8FN
N7NW	KB0V	WA6QGH	KN4FO	PT7DX	
NG9J	KC5LK	WB8EKG	KR4BD	S50B	161
TF3VS	KP4DKE		SV2CLJ	SP7QHR	HB9GWJ
W5JMW	KW4J	168	VA7DX	W6SIY	HB9MXY
W5WI	N8WRL	A92IO	W4PGC	W9CSX	HL3ERJ
WA4BIM	NA6O	AB4GE	W8SAX		JP7FSO
WA4NUF	ON6MX	EW1P	WA1ZIC	163	K2OP
WB8QZM	VU2MSA	JA0PZJ	WA5NOM	4O3A	K4AR
	W0MU	JE4KCN	WB3JFS	AA4OC	KM4A
173	WA4DOU	JH1ORA	YO3AIS	AD5MD	N7QT
AB6CF	WA5KBH	JH3EQP	ZL3RJ	AI4QQ	N7VZ
AI9U		K0PC	ZS6IR	DS4NPL	NA6XX
DM6MA	170	K0PX		EA1AZ	OK2ZDL
HB9DVZ	DL2JIM	K0RAR	165	F4CPF	SM3PHM
K6UNE	EA3HDZ	KF0RQ	AG6HE	HA5BSW	W5BK
K8JE	EI5KO	LU8ADX	CU3HN	IK2ULM	W5RDW
KI6MQX	EI6AL	LX1CW	EI5JL	JA0MRW	W6DOE
LA9VBA	JA1GVT	OE1ALW	HK3PJ	JA4GXS	W9GG
N7HN	JG1GJH	OH3PYY	HL1VAU	K0ABC	
N9DR	JG1RYQ	R4FAN	IK0XIH	K0CF	160
N9IO	JK1BIB	SV1XV	JE4WOK	K4GN	E70T
NC7B	JQ1PCX	VR2MY	JF1KML	KE1B	EA1WH
NX2X	JQ1YIW	WA9IVH	JR1KBJ	KO4PRE	JA1ITJ
SM0EUI	K6JJ		JR6LDE	KW4MM	JA1UOA
W2PD	K7CU	167	K3VPZ	LA1CO	JF3VEC
W4DTA	LA2GH	JA8BOV	KG4CUY	N0AMI	JG2LGM
W7VAS	LB7ZG	JE3FOR	KG5NP	N4KM	JK1EBA
WA7BNG	N3WD	KA5JSM	LA2XPA	N7KDT	JK1NPH
WY7FD	N4VN	KB8NTY	N1QY	N9LEO	JM1JZN
	N6EM	KD3HN	N2RJ	R3IS	JR1CAD
172	N8VV	KE3X	N3KS	SM7CZL	K7LY
EI1DG	NJ6W	KH6XT	PT2ND	VA2LC	N0IW
K5TA	NX4TT	N1ZJ	RA0BA	W1OK	N4MEC
KM4HQE	VE1OP	N4PL	RL3BZ	W1XV	N5WA
LZ1XL	VE2YG	N8JS	VK3TC	W4PGM	N8IL
N3AO	W0OGH	N8OQ	W2FS	W8MIL	NI5F
N5PA	WA4USA	N9ATF	WB2WPM	WB9B	W1TO
N7GCO	YO4AUL	PT2ADM	WB9PNU	XE2YWH	W9FF
SP5ES		PY2SEX	WC4X	YO3DDZ	YO8CRU

ZS6RJ	157	NU1T	AK9B	JR7XOD	K5LY
159	AB2E	OE1HHB	BX5AA	K5HK	KA3GWD
AA3AZ	E20YLM	UT7EC	DF2WF	K8WHA	KB8ZUN
CT1ESO	EI2JD	W5SV	DU1KT	K9RT	LZ1MDU
DD0VE	GM4KHE	YB1AYO	G4AFJ	K9UWY	NJ6K
DK8IZ	JA0NZR	154	IK5BSC	KI7M	PY2CP
EA1P	JA1UBZ	AC8TO	K2EK	KX5U	VE6TL
IK0WMJ	JA3MHA	AJ8B	K4RDU	N0TK	W4AFB
JA0ED	JE3OUW	DS5WQT	KD2OV	N6JOJ	W4AG
JA4FKO	JG1XBM	IZ0FUW	KE9S	NM4SH	W8VI
JG1WNO	KN7Y	JA0GZZ	N8IK	ON6ZV	W9GM
JH1BHW	N4QM	JA1IHD	N9GKE	SM0BSO	W9MAK
K0IO	N6VH	JA4HXF	ON4LG	VU2NXM	147
K1EDG	N7JB	JA8ANQ	R9JX	W3KB	AB9KZ
K4SAF	N9AZZ	JE6PJP	W6RFF	W4IDX	EI7GY
K8EB	N9MB	JH1AQN	W7JET	W4NE	G3VQO
K9QJ	NZ3M	JR3QHJ	YV4DYJ	WL7OU	I4JEE
LA8ZAA	PY1NS	K5DXR	151	ZS1C	IS0/YO3RA
N1MD	W3HKK	KC1ERO	DF1IR	149	JJ0LZQ
N4GBK	156	NE5W	DL4KUG	7N2JZT	JK1OTP
N4VG	EA3HPX	W4CIR	J68HZ	DS4DRE	K3GGN
NE5S	G4FTC	W5TMC	JA2BUR	ER0FEO	K5UZ
NF7D	GM3WIL	W8TM	JE1COB	JA0JPD	K8MRT
OH3DP	HB9HHH	WA9MAG	J13BFC	JS6SCC	KB1HY
VA3NXM	JA1CCG	WN7J	K1IG	K2KIB	KB9LIE
W1EBM	JA2ODB	153	K1QN	K2RET	SV8RX
WD5BJT	JA9RT	HB9BEM	K3GW	K4TXJ	VE3FAC
XE1MW	JH2AJY	JA3UOQ	K4DET	K9EXY	W3NRJ
158	JL3DGI	JH2NWP	K7LAY	KD4EE	146
9J2BS	JM1LPN	JR7MAZ	K9AAA	KM2E	AE5B
G4SGX	K2HT	K0YL	KE4BKL	KP4DS	EA4D
IK1UGX	KA9OKH	K3GO	KE8G	N0STL	HP3TA
IK3DVE	N5QZ	K4OY	KK4CLY	NE0U	JA3KWZ
IW0ECV	N7RD	K8ROK	N7MB	NU4Y	K6NR
JJ1KXB	W1MR	K9MMS	NU4I	NZ0O	K8ARY
K0SRL	155	K9YZ	SM0NUE	RT0F	K8POM
K4HQK	5P5Q	KF9LI	VA3EJN	TF3Y	KB9AIT
K8GWU	DK3QM	KK4XL	VA3HP	UA9MC	KM8AM
KB2XJ	F6KOP	KL7NW	W3HER	W1DAR	N6FS
KC3AK	G0THF	LA2IR	W5WLA	W4MA	N6RK
KF7NN	IV3TDM	M0MCV	W6WA	WA1EHK	N9MR*
KJ7NO	JA0EBV	N0VVV	WA9JWL	WF7T	NJ1Q
N0SL	JA6SUJ	OH3FVP	WC2C	148	SM3DXC
N4XMX	K2DF	SP5NON	150	4F3BZ	TF4M
N6MM	K4EZY	W3DIY	DK3BK	A71AM	WA2MUA
N8TFD	K4WM	W8OM	DK3FB	AE0MO	WA3SKQ
W0JMP	KM2O	W8VK	DL9SAD	AI6P	WW8RT
W8LIG	M0IFT	WB4SON	IT9ABN	F5NNN	XE2B
WB2RAJ	NH6L	152	IW7EDZ	IW5EIJ	YB1BML
WB9ZNZ	NK7Z	AC6BW	IZ2MHT	JF2AIJ	ZS6UT
WT2P	NO9E		JA7GZM	JR3PKO	

145 5T5PA AA5TL AC7JM AL7TC DL1MEV EA4S EA7LS F1OBJ JH1CTV JJ1OKK K5FXB K9GWH KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q	N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	K6GCN K7VC K7YMG LA8PDA LZ2HM N2TC N5JED N7TW NR0Q NS0D VE3NJC W5VU W9BS WB1ASL WW6G YB3MM	PV8ABC V31CQ VE3MSC W0UHL W4DWS W4EJG WA1LAD WA5POK	F6FHZ GM5YTT HZ1GW JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM K3HPA K3WGR K4OP KC3RKW KC9WPS NX8Y S53MJ W5IO W7QHE WA7HR WB1DX WB3AVD WB6FWS WB9IWN WO5I	133 7J1ABD DL8OH G4NBS GM1BSG HB0WR HK4EB JA5IBP JM1JIV K6ME KC2STA KG6WIK KI4TZ KR4DA LA9KY N1BKB NT9F OH4KRN OH7HM VU2ABS W1GY W3MF W6OUL W9SE WA6MRK WB1S YO3GJC
144 AD0TR DL6DCD GM0VIT K1TKL K7QBO K8OS N5UE RN0C TF5B UY2UZ W0AIH* WB9W WX3P	141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF K2JK K4RM K5VG K8RCT K9AAN KA5SYP KA5VFU KE7BMG KO4DKI NZ6N SV2JU W1ITU W1NA W3IZ W5GOL W6HDG WK9U	139 F5VML HB9ARK HB9DTE HL4CBX K0QB K2WJ K9TRV KX4I N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB ZL3TE	137 DL2RD G3PSM HL1MKT JH1SBE K2CDJ K2RKJ K6IRA KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	134 AB0RX DL4ZAB EA6AZ IZ8DEO JA5SEY JA6GXP JR0GXA JR1HYA K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KD2SC KF5WCP KN4OK LB5GI N1AH N6XT NC6RJ PA0QRB SM3WMU W2KNG W4UAT XE2AD	132 AA4FU AK3E AK6I I8NLC IK8OZV IZ0COI JA9KRO K4BNF K5SES KB8KIM KD3UY KG8OU KI7HO KK5ID M3DFW N3TR N4EDT N4QOG NN3V ON6YH SM7DXQ UW7UA VU3WEW W3KHZ
143 AA4MM AF3X EI7JZ FM5DN HB9AAA JA1MOD JF2RSF K2OO K6LPO K9BQL KE4FW KG6D KJ2U KJ4R KN7K LB2TG	140 AD9DX EI6JK K0UBR K4AU K5GZR K6EV	138 AC5AA DL5KUT DL5ZB G0FWX JA0CVC JA1VRY K2YSY K6CW K9BO KC9G KF6A KU9S N0LD N3PV N5RN N9BVA OD5YA OE6BME	136 AC9GK DM5JBN G0OSK IS0EBO NT5EE ON5GF ON5RKN VE3FRR W0ANZ W4GH W4PV W7KKC W7SX WX2K		
			135 AA5H AB4FH		

W4MC	JN1SUT	JA0BES	W7FI	N4LSJ	K0HQW
W5FL	K7ORK	JE2VYM	W9COS	N5VBK	K1AJ
WA1HXX	KB4KBS	JG1LRE	XE3E	NT4K	K3DQB
WA1KXV	KN4WOJ	JG5DHX		W0DD	K4VAC
ZS1EL	N9AVC	JH1HRJ	125	W6ELI	K9KJ
	SM2YIP	J11MNT	AC4XO	W6ND	KB4ET
131	VK5CE	JR1LZK	AF8C	W8PAT	KN9N
EI5GM	W4BH	K2GW	EI8GS	WW5L	N1ZZ
JH1IIY	W7TG	K7LFY	G4EHT	ZL3REX	N4GRC
JK8VMB	WU7X	KF3N	IK8PGE		N9ATD
JM1CMA	XE1ILI	KS8W	IZ8EYN	123	UT9LC
K0ARM		LA2LI	JP1GVC	AB4BJ	W1ES
K7GA	128	N0AB	K0MD	AB9BH	W1HEO
KA5IAU	A71XX	N0DL	K5NOF	AE5FM	W1KKG
KB3IFH	EA1AHA	N1BZ	K9ARZ	AI5EG	W5HNK
KD2NF	EA3NG	N3GTG	KK5J	DJ6OZ	W6HB
N0AKC	EI3IO	NA1RL	KK7BR	DS4DBF	WF5I
NG4DX	F4GTB	ON5EQ	NA7RH	G6NHU	XE2MX
NN6K	HL2DBP	VE3EDY	NN6CH	IK0XKP	
VE3NKS	JA6NQT	VU2TMP	SM5AFU	IZ8LMA	121
W5EC	JH1AWJ	W0MF	TF3MH	JA1GLE	5H8HZ
	K6OJ	W3KN	W0XE	JA2HOL	AK0A
130	K7PTC	WA2BOT	W3ATV	JH1RVQ	DL7UGO
AA4QE	K9YKL	WB2KSP	W4AO	JL3RNZ	DS4OMS
DL1SWN	KC2WUF	WB9TFH	W5CWQ	K2JGL	HA2EQD
JA2LMY	KD5R	WC2L	W6PG	KC2THY	IK6BMU
JF2OHQ	KG2U		WA4TMJ	KD0KZE	JA1CPN
JH3PRR	N0JR	126	WM4AA	KG4OJT	JA1EYN
JL4BSE	N5EI	CU7AJ	WR2G	LA2XNA	JA1WTO
K2MHE	R3BB	DS3EXT		LX2SM	JE2DOD
KI0HA	UR9IDX	EI4HH	124	N1GFV	J15WDC
KN4JX	W0QD	IK4TVP	7L3SQL	N6DVR	K1LTJ
N2YF	W5MF	IU8GNY	DJ3EJ	N9RE	K3CWF
N5JEY	W6IS	JA5CDL	EC4KW	OH3TY	K9MQ
N7TM	W8BI	JA5XPD	EI8IQ	PY2ADR	KK4ODQ
NS4F	W9EBO	JH4GXE	G4RGK	SV7CUD	KU2A
OZ6TL	W9TO	K2GLS	IT9YOZ	VE3VHH	N3ER
PU4MMZ	WA4UWD	K5KDX	IZ0FYW	W2ARP	N5ZY
W1MO	WC4V	K5WRE	IZ1UKF	W2WGK	NA2R
W2FDM	WP4CQ	K7PO	IZ5BYJ	W4UT	NA4MM
W9CTJ	WQ1H	K8GT	JA3AOP	WB8TGY	NY4G
WB8RFB	ZS6AKU	K9QA	J11DMH	YB9WZJ	OZ6EI
YO8PS		KC5RR	K3SUI	ZS6NK	PP2FN
	127	KK4CB	K6VVK		TA1L
129	7Z1HL	KM4CQG	K7HC	122	UA0FDX
AD6KQ	AG4TO	KS4WA	KB8DID	AA0BH	UR5FLN
AE7U	DJ5DT	N1GNB	KC2NJ	AA5B	W3/NH7C
DS4EJA	DL9GTB	N5HC	KC4AA	AB5YI	W3JXP
JA0AVS	EA4TX	N8YQX	KD9ZR	DB4RG	W4CC
JA1PLT	G8BCG	N9XG	KE8NOA	G0HSA	W4KCM
JA2ACI	HB9TJG	VE3TMG	KK4TKJ	HC1HN	W5UQ
JA3WMS	HK6K	VK2DAG	KV8P	IU4BJC	W7PC
JH1RFM	I2YPY	VR2VGM	N0YO	JA9ALR	W9MB

WA7HQD	SV2KF	VE7NY	KB7V	G0UII	N0OK
WB7BBQ	VK7AP	W3LWH	KG4URP	G4NAQ	N8AID
WQ8T	W1ZK	W4ARK	MM1PTT	G4YCS	NQ4A
WT3Q	W3MRL	W4PG	N7PIB	HB9GZE	NZ7Q
WU9D	W6ZPL	WB9WHQ	NE1RD	JA2CPD	S51DV
	W8EOG	YO6HOY	NG0G	JA4CSJ	SP2LLP
120	ZL2AO		NW6V	JF1AZQ	W1USN
AA2T		116	OE5MPL	JG0HEW	W3WN
AC4TO	118	6K2ILX	SP5BMU	JH1GNU	W4LLP
AE5LK	6K5AQY	AA0FT	W3UNX	K1JKR	W5GCX
AI2S	AE1T	EA5GXI	W4OV	K2KNB	WB2UFF
CT7ABD	AJ6X	EI4BZ	W5WS	K4JDJ	WD8LTM
CU2CE	DJ9KM	G8GHD	WB4MM	K4JLD	WF4W
DS3DNT	IZ0RPS	IZ2CSX	WJ5K	K4TR	WJ1B
DS5QLJ	IZ1JIZ	JA2KPW	WS4H	K7BWC	WN1M
F5AQB	JA6CMQ	JT1CO		K7MO	ZL3PAH
IK8IPL	K9KJS	JT1DN	114	K9DUR	
IT9JPS	KA9JAC	K1EO	G3CWW	KA5OWI	111
JA1DCO	KB3KJ	K4GHS	HC1HC	KB1OIQ	AD7XG
JH5OTE	KD9BIE	K4LCP	I0BJV	KB2TGU	AJ6V
JJ1XVA	KG5VK	K8JRK	JA1CCH	KC0V	AK4N
K3QB	KM6WXB	K8MN	JA1CPU	LU3JVO	EI9CN
K5TU	KX6C	KC1RET	JA8EIA	M0NGN	F8DZY
K9CHP	KY6AA	KD5RBU	JA8WGX	NA9L	G4ZWY
KJ6Y	LZ1XZ	KQ5S	JG4OOU	S52R	HB9ECS
LU3XX	N3HYB	N0ATQ	JM3XZC	SV2DSJ	JA4DLF
N0TR	N8KUS	N0UCR	JR4DHK	VA3AYA	JA5EEU
N1TQP	VR2CC	N2ZL	K1RE	VK7ZE	JE1TNL
N2SO	W4VG	N4KEB	K2IRM	W1FC	K2KYH
N3DV	WA7ZXD	N6DW	K3PL	W3JM	K5NV*
N3GS	WA8RCK	OE6CLD	KB1W	W6BBS	K8ZEE
N4UFP	WB5TOI	RW6MBC	KI8AE	W7CD	K9JIG
NJ8G	ZS2I	SM1NJC	N3DD	WB9YJE	KI2Y
NR2D		VR2IL	NA1DX		KM5VI
VE3QAA	117	VY2RU	NG8T	112	N4NYY
VR2ZXP	AD7L	W0LGQ	NK5K	3C3CA	NT5O
VU3RGB	CE3FZ	W1HQ	W0QKL	7Z1CQ	PT7CB
W1RG	F8EZE	W7WES	W2ZK	DL5FAC	TA1UT
W5RYA	HB9MZI	W9LU	W8LR	G0DTX	TA2RC
W6GJB	IS0BZR	WA4VJK	WD0AJG	G3YFE	TA7AZC
WT5L	IZ7QFN	WW5RC	WN0L	GM0SCA	W7WT
YB0AZ	JA9KA		WT9U	IK4EWN	W8PE
	JM3GXU	115	XE1EE	IS0BQE	WB8PKK
119	K0FF	AA9WO	YB2BNN	JA4RED	WU4B
DL2VWR	K4AEH	AF7WM	ZS4JAN	JF3AHI	XE1ZTW
F5BAR	K9LCR	E74A		JH0LME	
HL2MHU	KA4AHU	HL4RBR	113	K0XM	110
JA6JYM	KB2S	IW2FLB	AB1NS	K4HEB	AC0B
K7LOL	KB5CSQ	JA0NPQ	DL2DCX	K4ZMV	AG5Z
LU9DO	KO4PY	JH8LEY	EA5DPL	K4ZRJ	CT7ANG
N8LCU	KP4ED	JJ2VLY	EI2FG	K8CJY	DK4MX
ON8PHD	KZ1X	K8CR	F5EOT	K9KDS	EA1BLA
SV1BYI	N8AGU	KB4CRT	F8GB	KH6P	EI9HX

G4VWI	N6RVI	W6CN	106	AP2IA	HA5DI
G6MXL	NN8L	W7SMW	AB6WQ	DL9GTK	HB9BMY
HB9BEP	NW6R	WB5ZAM	AC7DX	E29TGW	JA1CC
HG6IA	NX1P	WC4B	AC8IL	EI6GF	JA1DHY
IZ1EPM	PF7M		DS2GOO	G3LOJ	JA1RBY
JF3KOA	PV8DX	107	DS5MNO	GM1TBW	JH1MYJ
JH1FRW	SP7ASZ	AB7RW	EA3AGY	HL4GHT	JI4HKA
JR2PAU	T88UW	BG8PA	EW4DX	JA1JYS	JQ2MPJ
K3MSB	VU3WUA	DJ5FZ	F5VIF	JE6UWU	K0BRO
K4KAL	W3GP	DK2GP	F6JSZ	JJ2BLV	K1TWF
K4RP	W4JDS	E73D	G0OJG	JK1AIA	K2CQW
K6DJ	W5SG	EA2BFM	G0RPM	JK1AKA	K4WW
K6SLO	W7CB	EI5GSB	G3LPS	K0MB	K5JUC
K9TVG	W7VP	IC8XIL	G4FVZ	K1ETA	K7UW
KF8PD	WA6URY	IW1PVT	HI7SB	K5WE	K8WVA
KN6HIP		JA3MAT	IZ4IRO	K7CMZ	KE4YOG
KV3W	108	JE1CTA	JA3FRI	K8FB	KE9V
N1TQ	7M4CLF	K0FJ	JF7NNI	KJ8N	N1FOJ
N3YZ	AC8MR	K2FJ	JJ1IRS	KK4MA	N3PW
PV8AJ	AC9DX	K2ZD	K6VWE	KZ4EX	N4PAJ
TF8GX	DB9CR	K4LQ	KA1CTL	LA9JKA	N4ZR
W1ZZ	DL1TPY	K6DLB	KA9TOX	LZ1JZ	N8TEM
W5JE	DL2AMD	K7UWR	KD2RUY	N2YU	N8WXQ
W6TCP	DL2NAI	KA4LBD	KI4NSP	N9APK	NA8W
W7YED	DM5TI	KB0EL	KM8V	N9IXD	OM6CI
W8TE	DU1IVT	KF2G	KT5V	NC1M	OZ9U
W9GFB	E70X	KF6XA	M0PCB	NK7L	PY2YW
W9JJ	EA5XV	KI0KN	N4DJT	OH6IH	R6TY
YB1SKR	G5CL	KJ4FZ	N6UOZ	PV8RR	RV4LC
YO5QAW	IK1RKN	KR4U	N7MW	VU2DED	VE3ZN
ZS5LEE	JA2DCN	LU5OM	N8OYY	W1MRH	VK3MB
	JA2KGQ	N0MHL	N9ZJ	W1PY	W0VU
109	JH1OVY	N1UZ	NG4C	WB8LEM	W5PD
AA4RX	JR4NUN	NC7M	NI7F	WD4OHD	W9GXR
AC8AZ	K1FUG	NI8Z	NS7K	WK3A	WB4HMA
AF3K	K3XO	OV2B	PT2DF	WZ9B	WB7QXU
DL9QJ	K8LBT	PP5VA	PY2OC	YU1LD	WF8Z
F5DBT	KC8YG	RM6LW	UA0ABB	YV4EH	WX0B
F8DHE	KE3ZT	SV3EXP	VE3BHZ		YB1BUL
G0MMI	KE7AUB	TA1CQ	VE3XK	104	YO6HSU
JA1QEY	KI4SFT	UX5XK	VU2MB	7N4OBV	ZS6HON
JA5GOJ	KJ2AM	V31MD	W0TLX	AA2WC	
JA9IWR	KJ4SKO	VA2GA	W4/KL7GLL	AA6XV	103
JH4GNE	KO4XI	W5HY	W6KF	AB5GU	AF8P
J11IZS	KW1X	W8JA	W7GB	CT3DZ	DS5JMG
K0FD	LU2AH	WB2BXO	WA3IIA	DD8BA	EA2RY
K4AEN	N2IFA	WB2MKX	WA8Y	EA4EJP	EI9GLB
K6JAD	N5FPW	WM4W	WV4E	EI3HA	FM4LV
KB3Z	N5TW	WS7I	ZL3RIK	EI4GNB	HB0RER
KB7DT	N7TP	WU1U		F6ARS	JA7HYE
M0AQM	TF1A	ZP6CW	105	FM5FJ	JF1KIG
N4LS	VE7VV		AA2F	G0DRM	J11FXS
N4WD	W4DVG		AI1W	GW0ANA	JP1KHY

K00OK	NA4D	KC3OPI	AK4AO	KE1IU	W9ZT
K1FBI	NN5O	KC4ZA	DB6VH	KF5MDZ	WA2ALY
K2RNY	R9GM	KE9UA	DC1TK	KF5TL	WA2VJL
K3PIN	S51MA	KG5POL	DK1MCS	KF9EX	WA3UTC
K3TXW	SM0XG	KJ5RC	DK7GH	KG4IYS	WA3YZD
K4NI	US8ZAL	KU4A	DL3ANK	KI0G	WA6VZN
K4PWS	VK2GR	LA3ANA	DL5JH	KI3O	WB0RXQ
K4SAW	W1GF	M0PTZ	DS4GQR	KI4PG	WB2AA
K6XJ	W4GHW	M5LRO	EA5PS	KK6MF	WB2ZEX
K7HV	W7FS	N3CAL	EI2HZB	KL2R	WB6RAB
K9WMS	W7HJ	N4PF	EI4DQ	KL7XO	WB6RJH
KA7CVJ	W7IMU	N8ERL	EI4GJB	KR4Q	WD1M
KP4DDY	W9GWP	NC8I	EW4A	LA4EI	WD4GZW
KQ6K	WB4PWZ	NJ2X	F5JWH	M1EMC	WI0E
M0UPL	WB7QBS	NZ1I	G0GFC	N0JX	WK7W
N1MIE	WD6T	OZ5JQ	G8GFF	N0KM	WM4D
NB3R	WD9IOK	PA3AIN	GW0KRL	N0VTZ	WM9Q
NI5G	WN9A	R2ARR	HB9HFM	N1KI	WU1T
RX3BP	XE1SAX	RZ6MJ	IK7NXU	N3NVA	YB6LAY
VE7XT	YB0EIN	SV2BXA	JA7PKV	N4GOA	YE1AR
W0PPA	YB9AY	SV4FFL	JE7KCI	N5CR	ZS6CR
W2SUB	YO6BHN	TG9AKH	JG3LDD	N5LJL	
W4CU	ZS2ACP	UA4PK	JG5VFK	N5LKE	
W7KHZ		VK4BUI	JN1RFY	N7WFK	
W7UV	101	VU2OT	JR4VEV	N7WR	
W8EH	AA9D	W0ZX	K0JDD	N8HM	
WA8KNE	AB2NI	W2FDJ	K1HC	N8URE	
WC9C	AB4EJ	W2GHD	K1JX	N8XS	
YB1ALL	AB8YZ	W2GM	K1PTF	N9MKC	
ZL1IM	C31MF	W3RMS	K1XO	ND0B	
	DD9WG	W3SW	K2UF	NE3K	
102	DL3XAC	W4PM	K2UT	NX6D	
4X1VF	EA4OR	W6OU	K3NO	OM2AGN	
5W1SA	EA4UV	WB5KSD	K3RRR	OR4K	
AC0XY	EA8TZ	WM5H	K3WSU	OZ1GCT	
DB2WD	G3VDB	WU6K	K4GM	OZ9GA	
DL4FDM	G4GEE	WX7B	K4KYN	PY5VC	
IC8SQS	G4PUQ	XE1AO	K4QS	R2AB	
IZ7QSS	G8GNI	YB8HZ	K4RSA	UR8IDX	
JH1IHG	HB9PUE	YO2OXD	K5KEW	VA2EU	
K1MDA	IK2HLM		K5LLA	VE1JF	
K2DH	IU2LFP	100	K5MMH	VE3KKB	
K2DW	JA1KZP	2E0XAR	K5PSN	VR2PX	
K4HR	JA5ALE	9M8DEN	K5VSD	VU2OY	
K6BLG	JA5JUG	A41ZZ	K5YE	W0RMS	
K6JAV	JK3NSD	A71EM	K7VL	W1MJC	
KA8HDE	K0GEO	AA7UN	K9EA	W2MW	
KB1AWM	K3AXB	AC0DH	KA2F	W4CG	
KO3F	K3LA	AD4J	KA4H	W4DFU	
N2CJN	K5HX	AE0SQ	KB4DSL	W4YR	
N2FY	K8PGJ	AE4VJ	KB6IGK	W5YKU	
N4IR	K9GL	AF9W	KC5N	W6OZI	
N8KOJ	KB5YN	AK1P	KD1DT	W9KM	