

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 27 Apr 2024, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348	N6AR	337	334	K3UA
K2TQC		DL4MCF	DJ9ZB	K4XP
	341	I4LCK	EA4KD	N2LT
347	4X4DK	JA3FYC	JA1BK	SM6CVX
K4CIA	DJ6RX	PY4OY	JA5AQC	SP2FAX
K8MFO	G3KMA	SP9FKQ*	K2PLF*	UA4HBW
N4WW	I4EAT*	W2YC	K3KO*	W1YY
SP5EWY	K5UR	W3LPL	K4XO	W5BPT
W1JR	N2TK	W9IXX	N4XM	WB9Z
W4DR	N4CC		N8DJX	
	OH2BU	336	OE6IMD	331
346	OZ3PZ	AA6YQ	SM5AQD	DJ9HX
N1DG		G4BWP	SP3EPK	F6DAY
SM3EVR	340	JA1WPX	UA6A	HB9BGV
	AA1V	JA2JPA	W4PK	I4AVG
345	DJ2BW*	K1ST		IK8HJC
HA0DU	DJ9KG	K2FF	333	JA1HGY
OH1XX	JA4DND	K4HGX	EA6SX	JA2KVD
W9ZR	JH4IFF	K5NA*	F6EXV	K0IEA
	K4UTE	K5RK	G0JHC	LZ2DF
344	K9QVB*	N3XX	G3XTT	PY5HOT
JA2VPO	N0AT	VE3XN	JA0EOK	UT5UGR
OZ1BTE	NN4T	W0BV	JQ3DUE	UT7QF
OZ1LO	PA3FQA	W2LO	JR3IIR	W4DKS
PY2XB	SP5CJQ		K6YRA	W5OZI
SM0AJU	VE3EJ	335	N4AH	W8UVZ
VE1YX		AG9S	PY2SP	W9RPM
W3YX	339	JA4LKB	R7LV	WB6RSE
	EA8AK	JA5AUC	SM5CEU	
343	IK1GPG	JH4UYB	WD5COV	330
K3FN	JA1UQP	K8SIX		DJ2YA
K4PI	N4CH	N0XA	332	DL1AMQ
N4MM	N8DX	N4KG*	AA1QD	EA5RM
VA3DX	SM3GSK	N5UR	DF3GY	EY8MM
W3UR		N5ZM	DF4PL	F6BKI
	338	OK3GU	DJ8NK	GM3YTS
342	CT1EEB	PE5T	F6AOJ	HA5WA
DF3CB	JA5EXW	SP8AJK	JA0UUA	IK4DRY
JR2KDN	K9NU	W0MHK	JA2FBY	JA1ADN
K4DY	SM3NRY	WK3N	JA4DLP	JA3EMU
K4MQG	W1DIG		JA5MHD	JG3QZN
KF2O	W7UT		K1OA	JL1UXH

K3WC	YO5BRZ	I5NPH	WI8A	JH3CUL
N4JF		IZ0AEG		JI1DHY
N8JV	327	JA2DPC	321	K6AM
N9IW	DK5WL	JF1WPB	AD1C	K7NN
OE3GCU	DL2OE	JF7XKY	G4CCZ	KV7K
OK1MP	HB9AMO	K0CA	HB9BIN	N4DB
PY2BW	IK4BHO	K5KC	JA0GJJ	N4PQX
SP3E	JI8DGO	N8BM	JA2BDR	PA3EWP
YU1FW	N6JV	OE8HIK	JA3AZD	R5AJ
	PY2YP	R3OK	JH3VNC	SV1FJA
329	SM2GCQ	SM6CCO	JH4ADV	UA3AP
AA7A	SM5DJZ*	SP9DWT	JH8RZJ	W5WT
EI7BA	SP8NR	W1RM	JJ3PRT	
HB9BZA	VE3FF	W9OL	JR3OEH	318
I4MKN	W2IRT	WB4TDH	K2UO	A45XR
IK5HHA	W4UM		K2VV	AA4HP
IK6DLK	W5XX	323	N3NT	AD5A
IT9DAA		DK9KX	NK1K	DJ4AX
IV3JVJ	326	EA3GP	OE6MDF	DL6KR
JA2JW	AB4IQ	JA9APS	OE8RT	EA1YO
JA7KY	I4EWH	JF1KKV	OH2BLD	G4PWA
JE2URF	JA1SJV	JH2FXK	ON4IQ	JI2KXK
K0EU	JA7MSQ	JR3GWZ	OZ1AXG	K2TE
K4ZYU	JH1TWT	K8PT	SM6DHU	K4IQJ
LA5IIA	LU2NI	KF0QR	UT7UJ	K5DU
N5AW	N4JJ*	N5TY	W3GH*	K9IR
NJ6P	N7RT	SM4DHF	W8GC	K9YY
NO8D	RA3CQ	SM6CMU	W8OI	LA2PA
NR1R	RU3FM	SP1S		PY5EW
OZ1CTK	RZ3AM	VE2TZT	320	R3VA
SP7GAQ	SP6M	W3NO	DF2RG	RA7A
W0DJC	SV1RK		F5PAC	W3KX
	W8DCH	322	G3TXF	W4FC
328	WJ4T*	CT1BH	I2EOW	
AA1ON	YO9HP	EA5BY	IK5PWQ	317
AA5AU		G0DQS	JA3PIS	AA4V
DL7MAE	325	HB9DHK	JA4FKX	EA2IA
G4OBK	CT1APE	IK4GME	JE2LUN	IK2YCW
GM3POI	CT1IUA	JF3KON	JH1IFS	IK8YTA
IZ5EKV	EU7A	JH0INP	JR2LJO	K2RW
JA6BZI	JA2FJP	JJ2LPV	K1LD	K6YUI
JH1GZE	JA5WIZ	KU0A	K6FG	KA9CFD
JI4POR	JS2LHI	KW9A	N4II	N2BJ
K1HTV	K0DEQ	N1NK	N5XZ	SP1MGM
K4CN	K5EK	N4DW	NY0V	W6VX
K4MWB	K9EU	N4NX	SM5KNV	WX4G
K4QL	OE2LCM	N8RR	SP7VC	
K9CT	SM4EMO	ON4CD	UY5ZZ	316
KD5M	SM5CZQ	R7DX	VE3EXY	DL5WW
NI0G	SP5DIR	SV8CS	W6XA	GM0GAV
PY5EG	W6RLL	UA3AB	W7AO	HB9HFN
R4GM	W9OP	UA4CC	YV1DIG	JA2JNA
SL0ZG		VE1DX		JA8EAT
SP6CIK	324	W1ECT	319	K3WA
W5FKX	DL5DSM	W3LL	FK8CP	K4HB
W5ZN	EA5BM	W5CIA	JA1XEC	K8YTO
WA1JMP	I0wdx	W5TCX	JE1SYN	KQ8M

LA7HJA	DK2NG	HK3W	NS6C	R7FK*
N4QS	JA1IU	JA1EOD	OZ4O	UY5AA
RV3LO	JR1BLX	K8QM	SM5JE*	W5XC
SP1JRF	JS3CTQ	KX4R	W2JU	W7CT
UA3DPM	K5BG	NN4SS	W6ENZ	
W7MO	K6TA*	NU8Z	W7OM	303
W9ILY	LB8DC	R9TO		DL5EBE
YO3APJ	N8KOL	RU3QR	306	EA3GHZ
YO7LCB	SP3CGK	RW3RN	DL1KUR	G3LZQ
	W1GL	RX3AGD	DL6CNG	HL3IUA
315	ZS6EZ	UA4LY	G0OIL	IK2RPE
9H1SP		VE7IG*	HA1RB	K5WAF
AB6QM	312	WB8BPU	IK4PLW	K7WP
G3VKW	CT1DKS		JA0CRI	K7ZA
HB0CC	DK1FW	308	JA6WJL	K8NVR
IK4DRR	EA7TV	DL2CHN	JH1AGU	K9RX
JA8RJE	IK2QPR	IK0PEA	JH1NYM	RL3FA
JR2BJE	JA1SYY	JA1GRM	K2UU	RW4NN
JR7VHZ	JA2IVK	JA7IC	K5XI	SM2OAN
KE9L	K1HT	JA9TWN	LA7JO	SP7HOV
N5OK	N5ORT	JF8QNF	R9FM	SP7ITB
OE3EVA	WA2VYA	JL1RUC	W9RN	W1SKU
ON4AOI	WP4U	JR1BAS	WB9CIF	WT8C
ON4IZ	YU3AA	K0GY	WD0DAN	ZS1LS
PY2NQ		K1AR		
SM3VAC	311	K4SO	305	302
UX1UA	F3SG	K8OM	A65BR	DJ5JH
	JA2XYO	KN5O	DJ4XA	DJ9ON
314	JA4MRL	KS1J	JA1VSL	EA1N
CT4NH	JA7JWF	OE1WEU	JA5XAE	F5CQ
DM5EE	JH4JNG	R7NW	JA9CWJ	IU7QBB
G3NDC	JO7WXN	SV1CNS	JR2UBS	IW1ARB
JA2AH	PY2XU	VA5DX	K0JUH	IZ2AMW
JF1PUW	UR0MC	W2QO	K6KLY	JG3LGD
JR4OZR	YB5QZ	W9MU	K9ZO	JG4AKL
JR9LKE		WA7NB	KG4W	SP2BMX
K1BD	310	WA8WV	PA5TT	W0VX
K2LS	I3BUI	WD9DZV	RA9CMO	W4QN
K4UEE*	JA1ANR	YS1RR	SM3NXS	W5ADD
K5AQ	JA6VQA		UT2UB	W7DO
KB0EO	JA7QVI	307	W1YM	WD4LBR
KC9ARR	JR6FC	AC4G	WA5VGI	
KG8P	K4EM	DK2JX		301
OE1AZS	K8FL	G0BLB	304	AA5AM
OE1ZL	LA7AFA	I5HOR	DK5AD	AE5E
SM4DDE	LA9AJA	IZ8FFA	EA6VQ	F4BKV
SV1DPI	MD0CCE	JA2XW	F2JD	HK4SAN
SV1JG	N1IBM	JA3GN	HB9DDZ	I2MQP*
UA6MF	RL9F	JH1QAX	JA1XCZ	IZ1LBG
UT9FJ	SP6HEQ	JJ3HGJ	JA2ZL	JA0DIN
UX0FF	W0YG	K0KX	JF2UPM	JA1IZZ
	W4BP	K2SHZ	JN3SAC	JA1LSP
313	W8HW	K3RA	K8AC	JA2WYN
5B4MF		K9MM	KC7V	K4SE
AA5AT	309	KC6AWX*	N7US	K6RO
AB3CV	DJ5FI	NE1B	N9RS	KI0KB
AB9V	EA8AKN	NI6T	NN4R	N9AU

RN3QN	DL4CF	R5DT	IZ4MJP	287
US5WE	DL7BA	RU6L	JA1JAT	9M6YBG
WB5JID	E73Y	SV3DCX	JA1KQX	AA8LL
WE9R	HL4CJG		JE1LFX	HB9BAT
	IK5RUN	293	JE2EHP	JA2ATE
300	JE7JDL	AA4R	LA2QM	JA3EOP
AA8CH	K2PK	CU2AP	LA5LJA	JE2OVG
HB9DDO	K8GI	DL1SMA	LU3CQ	K0AZ
HB9SLO	K8WK	EA3WD	N9FN	R9SA
IK4ADE	KG7H	IV3YYK	PP1CZ	RM0F
IZ5RVG	KT1J	JA2CXF	SK3PY	SM5ARL
JA9AA	PY2VA	JA3RQ	SV3AQR	UN7JX
K0KVR		JA9GPG	UN7TW	W1VT
K3XA	296	JH7RXU	VU2NKS	W4YCH
K8GG	AA8OY	JM1FHL	W2LK	W7BEM
K8TL	EV1R	K4JAF	W3OA	WA6F
K8VFV	K6FW	K9MK	W4VIC	
KB1JZU	K8VC	N2LM	WB9EEE	286
PA3CSR	LA8PT	PY2IQ	XE2CQ	4Z4DX
W5AJ	N0RB	S55DX		AB5A
W6TC	PY7DJ	W9AJ	289	CT3HF
	RA3QK	WA4FFW	AJ6T	DL2VPO
299	SM6BZV		DL9TJ	IK0XBX
CT1FMX	SV9COL	292	IW0HQE	IZ8XQC
DM2DXA	UA6YW	AI9L	JA8EJO	JA1QXC
EW2A	W9JA	EA5AT	JA9FAI	JA5BEN
G3SVD		G4GIR	JE2LPC	JG0CQK
HB9RG	295	G8DX	JG1WSC	K1LPS
JA7BWT	AD6W	IZ3ETU	JH1BAM	K1RO
JH1SJN	DL1DUO	K7ZD	K4XD	LU8EKC
KM4H	HB9TKS	N8II	K6ND	RA0FF
LA3WAA	HL2IFR	R6AF	KK0M	UR5EDX
N4TL	IW0SAF	SP5IWA	N2NL	W3GQ
SM6CUK	K5ZK	SV2AEL	N7TY	W5VY
UA9FAR	K6SIK	W6SR	R0FA	W6PJ
VE3BW	KD3CQ	WA3AFS	UN6T	W8AXI
	SP8HKT		W9YSX	
298	SV1GYG	291	YB1UUN	285
5B4AHJ	W2GG	G0EHO	YO2CMI	DL1TRK
G5LP	W5LT	GM0AXY		DL2SWN
HP2AT	W6XK	K3PA	288	EA3GHQ
JA4ITW	YO2RR	K5VIP	I1EIS	IZ8DFO
JL2JWX		K7ZV	JA1SVP	JA2VMU
JR7WFC	294	KB8VAO	JR1DUP	JK1GOK
K8EUR	EA6NB	KP2A	K4MS	K6GXO
N5DG	HB9BOI	LA5HE	K9US	K6PJ
N8TR	HB9CEX	MM0EAX	KD0Q	OE1WHC
ND0N	JA1BPA	N2TN	N4RWG	W8AV
NQ1K	JA1IOA	VE3CFK	N6UK	WK7E
OE3SGU	JA2VQF	W3RJW	SP9JZU	
SV2DGH	JE1DXC	W6YI	UA3AGW	284
WB0TEV	JE1GWO	ZS2DL	W1EQ	EI9FBB
ZL1BYZ	JE8CLT		W1YIF	JA1WSK
ZL3JT	JK1EXO	290	W2LE	JA2FGL
	K5MC	9K2OD	W2NO	JA3DY*
297	KZ4V	AA4A	ZS2EZ	JG3SKK
AC0A	N0KV	EC3A		JH3SIF

JN1BMX	280	K8UT	273	EA1KY
K0BBC	GM3PPE	N5LZ	JA1XPQ	F9XL
K0TPP	HA5VZ	UT7UV	JA2TBS	JN1RQV
K9SM	IK0HFO	UW2ZM	JA6BEE	K0BJ
OE5BWN	JA2IYJ	VU2PTT	JH3GCN	K7UA
PY2KP	JA6TMU	W3BW	K5PS	K9JF
SM0CCM	JH4ALY	WF2S	N4IG	N4QQ
SM6CTQ	JR6LLN	WT4Q	OZ1ACB	PU2POP
SP3IBS	K1GG		RW7M	VE6LB
W2AY	K4WNW	276	UR5WA	W8HC
W4FQT	LZ2JE	DK3WW	W4HG	WL7E
W5ODD	PY2DS	HB9LCW	W8RLS	
W8BBQ	SM5CZK	IZ5BAM		269
	W8LGJ	JA7FWR	272	IK8EPC
283	WA9PIE	JA7LMZ	AF9H	IZ3ENH
EA6ET	ZS4TX	N5MOA	CT1FCX	JA1OVF
HB9CQK		ON4CAS	CT1GFK	JA1VLK
JA1RTX	279	RX4HZ	E72A	JE3ENP
JG3FEA	AJ9C	SM0NJO	F5PBM	JP1NWZ
JL1XMN	HL3GOB	SM5CLE	HA9PP	K0KT
K3WW	JA1FQI	VE1JBC	IK5PWN	N4UOZ
K5DHY	JA7LGE	W1ZT	JA9FPI	NW7E
K9NW	JA9IFF	W5GO	K3FRK	OM4EX
LA8HGA	JE8TGI	W9FR	K7EG	SM5FWW
LU4FPZ	JF2XGF		K8BL	W1MK
N7IR	UN7LZ	275	KI4GE	W4MAY
N7RO	VE3EK	EA1AF	LA3MHA	YB1AR
OE8SPW	VK3HJ	HL2WA	OE5FIN	
RA1QD	W3JX	JA2JRG	PA0ZH	268
S57AT		K0GD	SV1ACK	JA1NWD
W1LW	278	N2JJ	W1YRC	JK1TCV
W6BJH	9A4T	N7KA	W2OO	K1DG
	DL5CW	N8PW	W3AP	K1MAA*
282	EA8RR	PA7RA	WN6W	K9MBQ
GM3YOR	F2NH	W4OX	ZS1A	KD4W
IZ0RVI	I4KDJ	W9MJ		N2AJ
K5UO	IV3GOW	WO7R	271	N5JB
NT0V*	IW1QN		4X1RU	N6TA
RD3AW	JA8LRG	274	AA8R	NA5DX
SM4CTI	K1USA	DL6JZ	I1FQH	OH1ZK
UA0BA	K2UR	EW1KP	IK2DZN	ON6AA
W7AL	K3UL	IK0AGU	IZ8EJB	SM5ENX
	K5RT	IW0HOU	JA0DET	SM6BGG
281	KD0PO	JH1IAQ	JE6TSP	W8QZA/QRP
AD5Q	VE3CRG	K1DT	JM1HJG	WA1YTW
EA5OX	VE3DZ	K3PT	K3PU	
EI2GLB	W8MHW	K6UM	KS3F	267
F3AT	ZL4TT	KA8ZPE	N8LJ	4X6ZK
IZ8FDH		KJ6P	NK0S	AA4FL
N2WB	277	NA5C	UA3TT	JF2WGN
N5GH	EU1KY	OE2GEN	WA3C	JG8FWH
N8SNM	F5UJK	RA5BM		JI3CJP
W0LS	IT9CVO	SV9AHZ	270	KB1EFS
W7ZJ	JA0PE	UA3ECJ	CT1EAV	R8TX
W8TN	JA3ENN	W0EWM*	CT3MD	SM5BMB
XE1KK	JA8EOT		DK8MCT	SM5FUG
	K2AJY		DS1JFY	W1KSZ

266	262	WA5LFD	EC1A	WF4U
7K1PTT	CU3EJ		FG8OJ	YB0COU
IZ8VYU	I5REA	259	IK4HPU	
JH1HHC	IV3VBM	4F2KWT	JA0KJE	252
JJ1TKN	JA8BAR	AA9A	JH1RGG	DL7UPN
K8AJS	JF1NZW	DJ8NT	JH4GJR	G3WKW
K8ROX	JG1OGM	EW1BA	JM1GHT	G3NKC
KQ4AV	K8AV	I5OYY	JM2RUV	JA1BNW
PZ5RA	KF2DT	JA8BNP	K0TT	JA8UIV
RA4CA	LA9FFA	K2UFM	M0TTB	JF3PNQ
W0FLS	ON5UE	K5VWW	N9ISN	JH1ACA
WB3LHD	W5ZG	K6IPM	W9HBH	JH4CBM
	W6NWS	N4JQQ		JL1BYZ
265	W6RS	NI3P	255	K1ESE
G3WPH	W7LGG	PY5CC	AI6Z	KI1U
JA4FM	W7QDM	SM4AZQ	IV3TMM	LA5YJ
JO4CFV	W9PZT	W2FV	JA9NLE	NT5V
K2CBI	WA3GFM	W7AH	JE2DZC	SM7IUN
LB2TB	WB8ART	W8KEN	JH4HMG	W2ZI
N5KM	ZS6NJ	WA1S	JK1OPL	W7CA
N9JV			K1UU	WS9V
W7MEM	261	258	K9FN	
WB2BIN	HB9RYZ	DK7YY	KR4F	251
	IZ8IEV	HB9IQB	N1RK	9A4W
264	JA2XCR	JA9AGN	VR2XMT	AA6AA
4Z1UF	JH3KAI	JH1BNC	XE1MEX	DL2RTL
DF2GH	K2FW	KH2L		F1ICS
EA1KP	K2KA	OH4UI	254	JA5BGA
F6DBX	K7LJ	SA0AQ	BA7IO	K1SM
HK1MW	ND4X	US0YA	CT1BWW	K4VIG
JA8DNV	NK4L	W1SSN	DL1HRN	K8CW
JA8ZO	OM8FR	W4LSC*	E72U	N4SC
JR4LNG	SM7CQY	ZL2IFB	JA3VPA	N5UL
KA1ERL	W0GG		JA3WLN	W1KDA
LA0FA	W4UCK	257	JH1VUO	W2JLK
N1GC	ZS6WB	AF4HX	K3SEW	W4SK
PA7TWO		BA4RF	KI5BLU	W5GAI
SV1CQN	260	CT1FPQ	N4LR	W8JRK
VE6AX	7M4AOE	DJ0UT	UA3O	
W5PF	AB4SF	EA7SG	W7YAQ	250
	EA8MT	EB3CW	WA0RVK	CT1DOF
263	EA9IE	IK2PZC		EI6FR
DK4TP	EC1AIJ	IK4AUY	253	EI9JF
EA3CJ	EI8IU	IK8VRH	CT1BWU	HA7TM
EA4DL	FG5FR	JJ1DWT	CU2DX	IK0UTM
HA7UW	JA1KPH	N3VA	DS5ACV	JA8CJY
JA7XBG	JA2FBC	N6HC	G3UAS	JL1MWI
JR8AMF	JH3FUK	N6PSE	HB9DHG	JR0EQQ
K1KO	K8YSE	OH1JP	JA6GPR	KQ3F
K8FH	LY1G	PY2MC	JA6IVR	N1SV
KN6KI	N6MZ	RU1AB	JE2RDO	OZ4VW
N1RR	N7BT	SV1VS	K6MKF	PA0JSE
W2OIB	NN4X	W8MET	K8DV	PY2FN
W3ACO	NX0I	W8MJ	KE1F	UN3G
WA4LOX	SK7AX		N7XR	W7HPW
WB2GAI	TG9NX	256	NF1G	W7IU
	WA0MHJ	BH4QYX	UA0FO	

249	245	JR1MLU	JF0JYR	WY6N
IZ4DPV	AK5X	K1CA	JH3FHQ	YB2TX
IZ8GGF	JH7BKN	K4PB	K9OR	
JA8FFM	JR3UIC	K7FEL	KA4RRU	235
K7XB	N0AH	N2NS	KF7F	EU1U
K9NR	N5BO	N3RC	M0CSD	JE1IBI
N8OC	NZ3O	N6HY	N4PJ	K0VSH
NA5Q	S55ZZ	N6KZ	N9UA	K4QE
NU1B	W6DE	SV1IW	W4KA	K5CWR
OZ5NJ	W9JJB		WA4QMQ	K8ZM
SM4OLL	YB0NFL	241	WA6JA	N2FF
UN3GX		AB5C	WB0TVY	NW4M
W0RX	244	AF5CC	WQ6Q	TA1CM
W1OPD	EA5RD	HC1BI		W7YW
W9RC	HB9BUN	IS0AFM	237	WB8CQV
XE2D	HL2KV	IZ8FWN	CT1BOY	
	JA1CZI	JF2VAX	G0VXE	234
248	JA4VLK	JP1IOF	IW3GJF	DF7EE
HB9DOT	JI6IHG	K4RG	IZ5YHD	DK2CC
HL4GAV	K0KG	K7KB	JA0LXP	HB9BYQ
JJ1SKG	K1EFI	KV1E	JH1DGQ	HB9JOE
LA6UL	K1PL	W3ABT	K1RV	HS1NGR
N4XP	K1YR	W5DNT	K2NV	IK0LNN
OZ1LCG	K4JJW	W5QM	K8YYY	JA1EMQ
VE3YF	K6EID	W9EWZ	N4HID	JA8XQI
W5JAY	K8RRT	WV6E	SM0MPV	JK1BSM
	N1EN		VU2CPL	K4MF
247	OE3HWC	240	W2XI	KE5FXE
EA3EQT	SP6A	7K1CPT	W8UN	KE8UM
HL3DE	W4REX	GU0SUP	WA0ROI	N4HB
JA1DDZ	W5PJR	JA1DM	WB8B	N4OA
K3VAT	WA3F	JA2FSM	WB8ZRL	ND4V
KM1D		JE1HRC	XE1RBV	NV4B
N6RV	243	JR1WCT	YO3JF	S51NM
N7DED	CT1FUH	KF0LA		W3WST
VE3YV	CT3KN	N0ABA	236	WA4CEM
W2GW	DS5TOS	UX5UO	AA7G	WA4JQS
W8IQ	G4XRV	W0SZ	FG4NO	WA5UA
WS5W	JA2EPW	W8IW	HB9ZS	
	JA7BEW		HL2CFY	233
246	JF1LMB	239	JA1HOM	AA9GR
IV3KFB	K4ZO	6K5YIA	JA1JYE	AJ4A
JA1VRU	K8ME	DJ9RR	JA3KNN	CU3EQ
JA2QXP	LA9VFA	IZ1JMN	JK1UNZ	EA4DEI
JA7HRM	N1API	IZ2FOS	JN1NOP	JA4HAW
K1FEV	N4QWZ	JA7KE	K1ACL	K8BN
K4KAY	NV9L	K2XF	KM3J	K8EAB
K6BV	SV1FJP	K6EME	KM6HB	KJ7M
K9YC	W1BR	N8SHZ	N4GN	N2NW
N2DPF	W8OP	SP6JIU	N6IE	N9BX
N3KN		W0JM	OE2BZL	NE3F
W1KMA	242	WB7B	PA0TCA	PY5IP
W3FI	DH2PC		SV1HEP	SM0XBI
W3ICM	HL3AMO	238	W0HBH	W2NRA
W5ZO	JA4ZA	EA1JO	W2TB	W6RW
	JH1WJR	HB9MFM	W4GIW	W6YOO
	JH4ADK	JE2VLG	W9OO	WB2KSK

WD8PKF	AJ8MH	K2BA	JA1IAZ	NA5Z
ZL4AS	IK2GAJ	KB1DMX	JH1DGJ	ON4ATW
	JA2OLJ	KH6M	JR1VAY	PA3BWD
232	JE1VTZ	KK4OK	K6IPV	SM0DSF
DL9FCY	JK1VXE	KX2A	KG9Z	UR4IOR
EA1RT	K0HD	N2KX	KI6CG	XE2X
JA3BXF	K3FM	N5ET	KW4V	
JA5NPV	K4CMS	N6BM	N1NU	219
JA6CBG	KD1F	VK4CAG	N4ENE	AG1A
JH1APK	KI4DLS		VE7TK	F5JSD
JH6DUL	N4NW	225	W4PNY	HL5BMX
K0DD	W1WC	DK5RL	W7IB	K5JZ
K4ST	WA1PMA	DS5DNO		K9ZM
K5FNQ		EU1M	222	KG6I
KF7PG	228	JA3QOS	AA0MZ	KI7AO
NY2NY	F5LIW	JH1UBK	DJ9SO	N1KC
OZ1IKY	GW4TSG	JH8NQV	DL5XL	N6DX
RK4FD	JF1RYU	K0OK	E77S	NA9RB
RQ3A	JH1ERJ	K1JIU	F6ECI	W6GRV
W2/CT1GIF	JH2PWY	K5YU	IZ7AUH	WB4KTF
W2YR	JR7GBL	KA8SYV	JA9NFO	
W3FOX	K5FZ	MU0FAL	JM1VRW	218
W6CYX	KS4S	N9SF	K2AT	DL2NOM
W9ZCL	N6PM	SM3LGO	K6ZZ	DL4NBE
WV4TN	RA3QUA	W3MR	KJ7TEA	DS4AOW
	W2DXE	W5GZ	N2SQW	I7PXV
231	W9FI	W5TFW	OZ7FOC	JF1MTV
AD5WB	WB8K	W8UV	RA4P	JJ1QUV
G3KMQ		YO9FNP	W6AER	K1NTR
HL2ZN	227			K3EA
I0JBL	DL2RUM	224	221	K9JU
IW7DVM	G3VPW	DK3PZ	E21EIC	KE3D
JA1MZL	HL2EIZ	EA7QW	EA2AAZ	N4JT
JF2WXS	I0MWI	JA3FHL	HI8RD	TZ4AM
JH0AWC	IK8UHA	JA8NFV	JI1NJC	VU2CDP
K2SN	JA0DWY	JK1WSH	JR7FRW	W8CZN
KD6UO	K1GE	JO1LVZ	K4JC	W9KVR
NA4EA	K1KA	K1CBK	K5DV	WA2NPD
SM7NDX	K5GH	N3RW	KK9H	WC4H
W0QQ	N4IQ	N7WO	KU4XO	
W4UDH	N6OJ	NH6T/W4	RU0SN	217
	NF4A	OE3KLU	W4DEE	AB4UF
230	W5SL	PE1L	WB0O	DH0GSU
DK6OR	W6DR	RW4CY		EA5B
F6HLC	W8GNM	SM7BHH	220	JA2NNF
G3LUW	WA2USA	SP6AXW	AA6RR	JA7ZP
JI1VVB	WA8MCD	VE3SKX	DL4DW	JG5RVQ
KB9DAK	WA9GON	WN6K	EA5DFV	K2HAT
N0RN	WC3W		EI9FVB	KB5UNX
W5DM	YL2KF	223	JA6AVT	N6QI
W8WVM		AC9EM	K1DJ	OZ0J
W9YE	226	AC9O	K4EU	SV8DOU
WB2NPY	DM2RM	AF2C	K4MIJ	W0TM
	HA5PT	EA7DUD	K5MT	
229	I0OSI	I8MTQ	K6MM	216
AA3LX	IK7FPV	IK2RZP	K7AWB	CX2CC
AE0P	K1XV	IZ8MBW	KZ9DX	DJ3XG

G4VMX	JN7DOS	S54A	RD9M	KB5HC
HB9CXZ	K0QQ	VE7BV	SP7ICE	KM9E
HB9DQV	K2AZ	W5THT	TF3DC	KV4AA
IZ0NRG	KB6CIO	W5WP	VK2CA	KW4CQ
IZ1JLG	VK3BDX	W7FP	W4GE	W4GP
JA1FJJ	W0KCJ		W7NN	W7IV
JA2VHO	WB6BFG	209	W9QO	W8LMG
K3NQ		7J1ADJ	YB0MWM	XE1L
K7LV	213	AH0U	ZS1J	
KK4OW	9A1AD	K0VM		203
KR4W	AG3V	K5ALQ	206	F5NBX
NC4RB	DK3UA	KB4MRX	3A2MW	IK2RGT
PS8ACL	DS3HWS	N0ODK	HB9CRV	IZ0BTV
W0SR	IK1IYU	N6PEQ	IZ4DIW	JA7JPZ
W9MO	IV3FFI	NE6I	JF1IRW	JH8NBJ
WB3D	JA0EVI	PU1KGG	JH0BQX	K0CS
WS1L	JA1FVS	SM5BNK	JN1NBU	K4JKB
	JA3NHL	W3BJ	K0MN*	K9OW
215	JR1EFG	W6DCK	K8NK	KA1DJ
9H1EJ	K2RU	W8HMK	KF9UG	KM7R
AA7XT	K4JWA	WB0ULX	KK5OQ	N3PS
G4FKA	K9GA		KK9T	N4TV
HB9EFK	LA5SJA	208	N4TOL	N6PAT
IZ0BVU	N8GP	DL8SDC	N8BJQ	SV1FKZ
JA4CZM	NA2M	JA1OVD	NA2AA	W5RF
JE1PNX	VK3FM	JA1PBV	NA9Q	WA3FRP
JE2UFF	W2KA	JH0NOS	W9DX	
JH0OXS	W8WEJ	JR3VMJ	WA3WZR	202
JH5HDA		K0THN	WA6G	AA9RR
JT1BV	212	K2PF*		DF3EC
K2XB*	G4ZOY	K4CGY	205	IK5BOH/2
KF4NEF	JA1BWA	K4WES	CU3AN	JR4LZX
KR6C	JH3GFA	K5RJ	DL4LAM	K1NJ
KX4TT	KU4BP	KS4YT	DL6UNF	K9TF
N8NN	PY2RO	LB5WB	HB9BNQ	K9WX
N9AOL	SM5AOG	LB6KC	JA4DHN	N8WD
RN9N	SP5LKJ	NW6S	K3WWT	NU1O
V51B	W5DAW	OH7TV	K4YYL	W1AW
VK3NX	W5GA	W5FPT	KE6V	W1DYJ
W0FG	WK4Y*	W6WF	N9KW	W3NS
W0TT		WX2U	OH2IS	W4RDX
W1JGS	211		OH3OJ	W7TUS
W2PP	JA3LDH	207	UN9L	W7VY
W4IS	JJ1KZZ	9K2BM	W7HR	WE2N
W6SL	KD2T	G8AJM	W8BLA	
W7JY*	KT2C	JF1WLK	W8FIB	201
WE1P	N1BY	JF2OZH	WA4MME	AA8SW
WE4S	VR2XLN	JH2VVH	XE1J	GI4OWA
WV9L	WA3I	JJ1BMB		JH1IED
WW8W		K9FZ*	204	K0MF1
ZL2AL	210	KE1VT	EA2AFV	K4YJ
	JF6XQJ	KK2M	HB9DVO	KK1W
214	JR2PZX	KV4T	JE2EBT	LA9GX
DJ3AS	KD4SN	M0IKW	JH1OBS	PY2GG
EA5AR	KD8RQE	N9AKR	JJ6DGP	RT5A
F4GVO	KE4UW	OE1JIS	JR0QFA	W6AEA
I5XFD	PY2WC	ON4ANN	JS6TWW	W9IL

200	W4HZ	WW2DX	IZ0GYP	W8RV
HB9AGO	WQ5R	ZS2Y	JA2ITK	WA5IPS
HB9IIO	XE1H		JH8KFE	WB4DNL
IZ8EKL		193	JI2UDK	WZ4RC
JA0KJD	196	7L4VYK	K7UT	
JA3EY	AD8P*	AE4CW	K8ZT/QRP	185
JE2KSM	AG5W	DH3KM	KD0AA	G1VDP
K2TER	CT3CD	I1YDT	N3AIU	K0KP
N1IA	G7SSE	IZ5MOQ	SM7GIB	K3PP
N4TD	I7LGM	JA0AXV	W9ROG	KE5BR
N7ELL	I8YAV	JA1QIW	WB4GLI	N4HN
N9PGG	JA1XRA	KB2FCV	ZS1DX	UN7BK
PY3VB	JH1OGT	KM1C		VA7ZT
VK6LC	N2GZ	SM5ELV	189	W2WG
	N3QE	W8NN	HI3T	W6RKC
199	NA9A		I0LYO	WB5NHL
AA3TH	RC2A	192	IV3KCB	WC2K
AC0X	SP3F	F6FYD	JA1SGU	
AD4AA	SP5MXZ	IZ7GIT	JG1SWM	184
JH0RVY	W1MJB	JA0CIU	K6JAT*	AD6ZJ
K3SX	W6HYI	K5IB	K6UXO	DS4GKF
K4SX	WA0WWW	K6XN	KU8X	EA5RU
K4VNY		K9SG	KY5I	HP2NG
MU0GSY	195	KE0A	RM3DA	IK0HBN
N2RR	CT1ELF	KJ4UZU	RN3CT	IK0WRB
PB9FN	IZ5FSA	KJ4YLO	SM4BZH	IT9ODQ
V51YJ	JA2NDQ	N4XYZ	W6DPD	JH1FVE
W6JZ	JA7QQQ	N9JR	XE1FAS	K3JM
W9RXJ	JL3OUW	UR3EO		K3NF
	K4KEW	VA2IG	188	K5RKS
198	KE4S	WY1G	EA7AN	KZ1W
DJ0MCH	N3XM	YB1TQL	JA0GCI	M0HIH
IV3BSF	OH6NIO		JK1AJX	NW7M
JR1IZM	SQ7FPH	191	JP1GUW	SM2EJE
K0GW	UR5FEO	AA4NC	JR0AMD	UN7BY
KA1J	W3SB	DG5LAC	K1JD	UT7KF
KC6JAM	W6KK	DL4FAP	K2DC	W6BK
N4FN	W9LN	HA5CW	PY2RN	W7IUO
N6ZN		K1RI	WV4V	WB2HJV
RA3BL	194	K8QKY		WB3BFC
W6SHY	A65BD	KO6KD	187	WB5STU
WA2VQV	HB9ESS	N4DWK	IK8GJR	YB1RUS
YL2TW	HB9VAB	N7MQ	JH7NTW	
YV5LI	IT9AAI	OZ7DN	W5ZE	183
	JH1OCC	VR2CH	W8UQ	JA2KSP
197	JH8UQJ	W5LO		JE4CIL
4X4MF	K1LT	WF1H	186	K3SF
BA4TB	KP3AH	WI8R	AA4LR	K6LRN
EA1DLU	KR8T		G4XEE	LU4FW
IV3AVQ	NJ3K	190	JA2MNB	NA2U
IW9DNI	NJ7G	AA4U	K5QX	W3ML
JJ2WOC	SP6EIY	AC4VM	KC6X	YB2TS
K8SIA	W4DC	BV1EK	KK0DX	
KI4WCQ	W5UHQ	DJ9KV	N6MXU	182
NG7M	W5VQ	EC7B	N6VNII	I5FLN
W1FA	W7PAQ	G3WW	NU4B	I8LWL
W4DAO	WA1NXC	HL4CCM	W4WN	JA7FAS

JG1JPE	N4MIK	W0PE	SM0EUI	NX4TT
JI1CQA	NY1V	W4AEJ	WY7FD	OZ3SM
K7LAZ	SP5ELW	W4LEW		VE1OP
KG4JSZ	W0ZS	W7WZ	172	VE2YG
KK8MM	W4CCS	W9WO	EI1DG	W0OGH
KL7TC	W4TUN	WA3GNW	G3SBP	WA4USA
LA5LT			JA7DPC	
N8NA	178	175	JA7FVA	169
N8NB	EA8AXT	AG5CN	K5TA	DM3CW
ND3L	G4DDL	JA0LFV	KC2SST	JE1PHH
ON6KE	I4UUL	JH6RTO	LZ1XL	K3VAR
VK5GR	IW0BYL	JO3WHB	N2ZA	K4WY
VU3CAU	JA3UNA	KD4POJ	N3AO	K5CD
W6SFK	JI1WLL	KF6HI	OH2LHE	K9OT
WV2I	K0NV	LZ2ZG	SP5ES	KF9AF
WV8DX	K1ZE	N7NG	WC0W	KI2D
	K4GO	NS3L	YB4IR	N5MT
181	KR2Q	NW7US		RD3BD
IZ4AIB	KU1T	UA1OM	171	SM7WVZ
JH1FNU	VU2LBW	UA9AGX	AD3C	SV1IZY
KY6R	W7HUY	XE1R	CT2GZE	W0AIH*
N6NU	WB6AXD	YB0DJ	DL5MM	W7IAN*
N6VS			F9CI	W7VAS
N8HRZ	177	174	IK3GBG	WA4NUF
NV4A	4X6UU	AG7N	JM1SZY	
SV8CKM	IU0ICA	DF8FT	JS6QOM	168
UA9AEU	JA3EEM	DL5KUA	K2MK	A92IO
VU2IBI	JE4RAL	JK7LXU	K2TV	AA5N
W2OR	JF1LZQ	JR3TOE	K6ZP	AG4Q
W6TK	JG3KLF	K5CR	KB0V	EA5HM
	K0EOO	K9HQM	KC5LK	EW1P
180	K3OX	K9UQN	KP4DKE	JH1ORA
A61BK	K8YE	KZ5DX	KW9U	JP1LRT
AA4AK	KF4VTT	LA6OP	N8WRL	K1VI
JH1IZR	KP3V*	N4PYI	NA6O	K2SY
K0IL	NA6MG	N5QS	W0MU	K4KGG
K2SD	NC2Y	VU2DCC	WA4DOU	KF0RQ
K5TN	SM5CBM	W5WI	WA5KBH	KM4VI
K8SL	VK2AAH	WA4BIM	WI7P	LU8ADX
NA5S	W0IKD	WB0N		LX1CW
NZ5O	W1AO	WQ5T	170	N4ST
VK2HV	W1OP		4X6KJ	N6MB
VR2XYL	W4KVS	173	DL2JIM	OE1ALW
W1LE	YB1TJ	AB6CF	EI5KO	PP7LL
W4DSM		AI9U	EI6AL	R4FAN
W5SUM	176	HB9FBG	JA1BON	VE3YXO
	DL6NW	HB9HVG	JA1GVT	WX0Z
179	IK0CHU	K5ZQ	JQ1YIW	
AF6PK	JA1ERB	K6UNE	K1ZJA	167
DL5MHQ	JR1FHP	K7PT	K6JJ	JA3AVO
K1RH	K5DCW	K8JE	K7CU	JA8BOV
K4WZ	KK7YC	LA9VBA	LA2GH	KB8NTY
KE5TD	KT8D	N7HN	N4VN	KE3X
KJ6NZ	N1JP	N9DR	N5PA	KH6XT
KZ2R	N2MEE	NN5E	N6EM	KN7D
N3KV	OZ9XU	NX2X	N8VV	N1ZJ
N3ME*	VE1VOX	OV5O	NK7C	N7VPN

PY2SEX	S50B	N7QT	ZS6C*	WA6QGH
WA0SXV	W6SIY	N9LEO		WB4YDL
WA5NFC	WA5CMI*	NA6XX	158	ZL3RJ
WB8BZK	XE1YD	OK2ZDL	9J2BS	
		SM3PHM	G4SGX	155
166	163	W5BK	HK3PJ	DK3QM
AL7R	AA4OC	W5RDW	IK3DVY	IV3TDM
DL1SVA	AA8KY	W6DOE	JH3EQP	JR3ADB
HL4XM	AI4QQ	W9GG	JJ1KXB	K2DF
JE3PCP	DS4NPL	YB2DX	K3DFL	K4EZY
JJ1BDX	EA1AZ		K4HQK	KQ4EE
JR6GHN	F4CPF	160	K8GWU	M0IFT
KN4FO	HA5BSW	AC0DQ	KB2XJ	N7WS
KR4BD	IU8IYE	E70T	KF7NN	NO9E
LA7EIA	JR6LDE	EA1WH	KJ7NO	OE1HHB
SV2CLJ	K0ABC	HL1VAU	N4XMX	TF3JB
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WA1ZIC	K4MV	JA7JM	WB2RAJ	YB1AYO
WB3JFS	KE1B	JR1CAD	WT2P	
YO3AIS	KW4MM	K5VR		154
ZS6IR	LA1CO	K7LY	157	AJ8B
	N0AMI	KC9K	7N3IJT	DS5WQT
165	N7KDT	KF2OG	AA3AZ	JA0GZZ
AG6HE	R3IS	KL0S	E20YLM	JA4HXF
CU3HN	SM7CZL	KM4NS	EA3HDZ	JA8ANQ
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K3VPZ	Y03IPR	SV1XV	KW1DX	N7JB
KG4CUY	Y04AUL	W1ASB	N4MI	NE5W
LA2XPA		W1TO	N6MM	SM0BYD
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N3KS	BH4IGO	W9NIO*	PY1NS	W6FL
N6DHZ	DF2UA	ZS6RJ	W4NBS	W8TM
RA0BA	DJ7JC		WD8KND	WA9MAG
SP7QHR	DS3EXX	159		WN7J
VK3TC	EA2AGV	EA1P	156	
WB2WPM	F4WDL	F4DSE	DK8IZ	153
WB9PNU	HS8KAY	IK0WMJ	EA3HPX	HB9BEM
	JR4CZM	JA0ED	F1RAF	JA3UOQ
164	KA1API	JA3PRM	G4AYU	JR7MAZ
AC4BT	N4BAF	JK1EBA	GM0VRP	K0COM
CT3DL	WA7BNG	JK1JAS	GM3WIL	K0LB
DL7JRD		K0IO	JA2ODB	K3HW
EI6IZ	161	KB7AK	JA9RT	K4OY
IZ0GVZ	AE4M	LA4JGA	JH2AJY	K8ROK
JJ1JMZ	HL3ERJ	LA8ZAA	K1ROA	K9MMS
K6CF	JP7FSO	N1MD	KA9OKH	K9YZ
K6GFJ	K1BZ	NE5S	KC4HN	KK4XL
KD8MQY	K2CYS	OT1A	N4QM	N0VVV
LB7ZG	K2OP	VA3NXM	N7GCO	N2ZZ
N2XQM	K4AR	W1EBM	N7RD	N7NW
NA2P	KD1AB	WD5BJT	W1MR	N7WI
PT7DX	KM4A	XE1MW	W5JMW	NC7B

OH3FVP	DK3BK	KL7TS	145	W4UFO
SP5NON	DK3FB	LZ1MDU	5T5PA	W7VS
W4DTA	HB9EBM	N0TK	AA5TL	
W8VK	HB9MXY	N3ND	AL7TC	142
WB4SON	IT9ABN	N9ATF	EA4S	AK9B
	IT9IPQ	NJ6K	IW1PUR	DL8DWL
152	IZ2MHT	TF3Y	JH1CTV	JA0MRW
5P5Q	JA6SUY	VE6TL	K5FXB	JA1PUK
AC6BW	JA7GZM	W4AG	K8WHA	JH6PFY
BX5AA	JG1GJH	W9MAK	KQ5M	JI1UHZ
DF2WF	JG3RWX	XE2YWH	KS0M	K0SRL
DU1KT	K1QN		N6KK	K3GT
G4AFJ	K5HK	147	N8TFD	K6TAR
IK5BSC	K9RT	AB9KZ	PT2ADM	K8MRT
JG2LGM	KI7M	EI3CTB	W2RS*	KA6BIM
K2EK	N6JOJ	F6KOP	W7NP	LA1J
K4RDU	N9IO	G3VQO	WB9B	NF7D
KD2OV	NG9J	IS0/YO3RA	WR7Q	NN9X
KE9S	ON6ZV	JJ0LZQ		RL3BZ
KW4J	VR2MY	JK1OTP	144	YO8CRU
ON4LG	W3KB	JL6USD	AD0TR	
R9JX	W4NE	K0PC	DL6DCD	141
W6RFF	W8QXR	K3GGN	G4FTC	7K3QPL
W8FN	ZS1C	K4NTO	GM0VIT	9H1AE
WA6EZV		K5UZ	JL3DGI	AB4GE
WA9IVH	149	KB7QFE	K1TKL	AC9S
YV4DYJ	7N2JZT	KB9LIE	K4SAF	EI3ISB
	DS4DRE	N8JS	K8OS	HB9EXQ
151	ER0FEO	SV8RX	N5UE	IZ0FUW
AA4UC	JA7MAD	W0QC	NZ0O	IZ3XEF
AB2E	JS6SCC	W3NRJ	RN0C	JR3PKO
DF1IR	K2KIB	W9GM	UY2UZ	K1XE
DL4KUG	K8SMC*		WB9W	K2HT
JA2BUR	K9EXY	146		K2JK
JH2NWP	KM2E	AE5B	143	K9AAN
K4DET	KP4DS	G3LAS*	AA4MM	K9AQ
K7LAY	N0LGU*	HB9HHH	AF3X	KA5VFU
K9AAA	N0STL	HP3TA	EA4D	KC1ERO
KE4BKL	NE0U	JA3KWZ	HB9AAA	N1BCL*
KE8G	N00B	JH1BHW	JA1MOD	W1NA
KK4CLY	OZ1HPS	K6NR	JE3FOR	W6HDG
LZ2XF	PY8WW	K8ARY	JR7ILA	WK8A
N4AA*	RT0F	K8POM	K7QBO	WK9U
N7MB	UA9MC	KB9AIT	K9BQL	
NU4I	WA1EHK	KD3HN	KE4FW	140
SM0NUE		KM2O	KG6D	AD9DX
VA3EJN	148	N6RK	KJ4R	EI6JK
VA3HP	4F3BZ	SM3DXC	KM4HQE	EI7GY
W3HER	A71AM	VU2NXM	KN7K	EI7JZ
W5WLA	J68HZ	WA2MUA	LB2TG	EW4C
W6WA	JA4GXS	WA3SKQ	N1QY	HB9GWJ
WA9JWL	JF2AIJ	WA5NOM	N2YBB	JG1RYQ
WC2C	JI3BFC	WW8RT	N4UP	K0UBR
WF8R	K5EWS	XE2B	N7ZA	K6EV
	K5LY	YB1BML	OH3PYY	K7VC
150	K8ZZU	YO2DFA	TF4M	LA8PDA
4O3A	KA3GWD	ZS6UT	TG9AJR	LZ2HM

NH6L	EA7LS	G0THF	VU2ABS	130
NZ9Z*	G3PSM	HZ1GW	W1GY	AA4QE
W3DIY	HL1MKT	JA1DCK	W1ITU	CT1HHP
W5VU	JA4DNC	JA3MIO	W3MF	DL1SWN
W9BS	JF2RSF	JA7MWC	W9SE	I4JEE
WB1ASL	JF3VEC	JH1SOD	WB9NZ	IK1ZNM
WB8EKG	JH1SBE	JJ1HLL	YB4CHP	JA2LMY
WW6G	JQ1PCX	JL2ULM		JH3PRR
YB3MM	K0KV	K4OP	132	JL4BSE
	K2CDJ	K5VG	AK3E	K0BX*
139	K2RKJ	S53MJ	AK6I	K2MHE
AA4DD	K4AU	TA1PB	I8NLC	KF5WCP
F5VML	K6EGF	W7QHE	IW5EIJ	KN4JX
HB9ARK	K6IRA	WB3AVD	IZ0COI	N2YF
HB9DTE	KP4N	WB6FWS	K4BNF	N7TM
HL4CBX	N2KI	WB9IWN	K4WM	NS4F
JE3OUW	N4KM	WO5I	KG8OU	NU4Y
K0QB	N7VZ		KI7HO	OZ6TL
K4TXJ	N9NFT	134	KK5ID	RC3FL
K9QJ	NU1T	AB0RX	KX5U	W1MO
K9TRV	PY2CP	AB1J	M3DFW	W6UC
KX4I	SM5CSS	DL4ZAB	N3TR	W9CTJ
N0CKC	SP3EPG	EA6AZ	N4EDT	WB8RFB
N2SG	TA1AL	IZ8DEO	N4QOG	YB2IQ
N5FEE	W2GGY	JA6GXP	N5RN	YO8PS
N7NF	W2NY	JR0GXA	NN3V	
R9MJ	W4UEF	K3KY	OZ3SK*	129
WB8QZM	W5GOL	K7FL	SM7DXQ	AD6KQ
ZL3TE	W9CSX	K7YZO	TF5B	AE7U
	W9MR	K9SUH	UW7UA	JA0AVS
138	WA0WOF	KA9JCP	VU3WEW	JA1PLT
DL5KUT	WG0G	KD2SC	W3KHZ	JA2ACI
DL5ZB	WS1F	KN4OK	W4MC	JA3WMS
G0FWX		LB5GI	W5FL	JH1RFM
HB9DVZ	136	N6XT	WA1HXH	JN1SUT
JA0CVC	CT1ESO	NJ1Q	ZS1EL	K5SES
JA1PVX	EA5KA	SM3WMU		K7ORK
JA1VRY	IS0EBO	VA3OKG	131	KB4KBS
JJ1OKK	K7STO	W4UAT	7L2QAD	KF9LI
K2JL	K8CQ*	W5AAJ	DM6MA	KJ2U
K2RET	K9UO	WB1DX	EI5GM	KO4PRE
K2YSY	NT5EE		GM4KHE	N8BK
K3GW	ON5GF	133	IK1UGX	N9AVC
K9UWY	TF3VS	7J1ABD	JE4KCN	NN2D
KC9G	VE3FRR	DL8OH	JK1NPH	PY3OG
KF6A	W0ANZ	GM1BSG	K2WJ	SM2YIP
KU9S	W4GH	HB0WR	KA5IAU	VK5CE
N3PV	W4PGM	HK4EB	KB1HY	W4MA
N9XX	W4PV	JE1COB	NM1G	W7TG
OD5YA	W7SX	JM1JIV	NN6K	XE1ILI
PV8ABC	W8OM	K9JDP	OE3JAG	
W0UHL		KG6WIK	PT2ND	128
WA5POK	135	KI4TZ	W4EJG	A71XX
WA8LRW	AB4FH	LA2IR	W5EC	DL9SAD
	AC7JM	LA9KY	W6OUL	EA1AHA
137	AK5Q	N1BKB		EI3IO
DL2RD	EI2HY	OH7HM		EI5JL

HL2DBP	GM7NZI	EI8IQ	YB9WZJ	NA2R
JH1AWJ	IK4TVP	G4RGK		NY4G
JN4FNZ	JA5CDL	IT9YOZ	122	OZ6EI
K6OJ	JA5XPD	IZ1UKF	AA0BH	TA1L
K7PTC	K5KDX	IZ5BYJ	AA5B	UA0FDX
K9YKL	K6CW	JG3KMT	AB5YI	W0DD
N0JR	K7PO	JH1XFR	DB4RG	W2ARP
PU4MMZ	K7YMG	JM1LPN	F4GTB	W3/NH7C
R3BB	K8GT	K0RAR	G0HSA	W3JXP
UR9IDX	K9QA	K3SUI	HC1HN	W4CC
V31CQ	KC5RR	K6VVK	JA9ALR	W4KCM
W0QD	KK4CB	K7HC	JR1HYA	W5UQ
W5MF	N5HC	K9ARZ	K0HQW	W7PC
W6IS	N8YQX	KB8DID	K0MD	W9MB
W8BI	NX8Y	KC4AA	K4VAC	WA7HQB
W8WV	OH3DP	KD9ZR	KA5SYP	WB7BBQ
WA4UWD	OH4KRN	KS4WA	KB4ET	WQ8T
WC4V	PY2OP	N0YO	KN9N	WT3Q
WP4CQ	VE3TMG	N1HO	N1ZZ	WU9D
WQ1H	VR2VGM	N9BVA	N6VH	
ZS6AKU	W2KNG	NT4K	N7UJJ	120
	W8VI	W6ELI	N9ATD	AA2T
127	W9COS	W6ND	SV7CUD	AC4TO
7Z1HL	WA2BOT	WW5L	UT9LC	AE5LK
AG4TO	XE3E	ZL3REX	VE3FAC	AI2S
DJ5DT			W0JMP	CT7ABD
DL9GTB	125	123	W1ES	CU2CE
G8BCG	AC4XO	AE5FM	W1HEO	DS3DNT
HK6K	DM5JBN	DJ6OZ	W1KKG	DS5QLJ
I2YPY	EI8GS	DS4DBF	W5HNK	F5AQB
IK2ULM	G0OSK	G6NHU	W6HB	IK8IPL
JA0BES	G4EHT	IK0XKP	WA5YOM	IT9JPS
JE2VYM	IK8PGE	IZ8LMA	WA9DU	JA0YPD
JG1LRE	JH8FIH	JA0PZJ	XE2MX	JA1DCO
JH1HRJ	JP1GVC	JA1GLE		JH5OTE
JI1MNT	K5NOF	JA2HOL	121	JJ1XVA
K0ARM	K8YAH*	JH1RVQ	AD5MD	K9CHP
K3WGR	KC2STA	K2JGL	DD0VE	KC9WPS
K7LFY	KK5J	K6LPO	EA3NG	KD5R
K9BO	N5ZC	KD4EE	HA2EQD	KJ6Y
KB8KIM	NA7RH	KI0HA	IK6BMU	LU3XX
KF3N	NN6CH	KM4CQG	JA1CPN	N1TQP
LA2LI	SM5AFU	KO8SCA	JA1EYN	N3DV
N0AB	VK2DAG	LX2SM	JA1WTO	N3GS
N3GTG	W0XE	N6DVR	JI5WDC	N4PGL*
N4GBK	W4AO	N8AYY	K0YL	N4UFP
NA1RL	W5CWQ	N9RE	K1EDG	N8IK
ON5EQ	W6PG	NT9F	K1LTJ	NR2D
VE3EDY	W9EBO	OH3TY	K3CWF	PP2FN
VU2MSA	WA4TMJ	ON6YH	K3HPA	VE3QAA
W0MF	WM4AA	PY2ADR	KB3IFH	VR2ZXP
WB2KSP	WR2G	SP9IZV	KG5NP	VU3RGB
		VE3VHH	KK4ODQ	W1RG
126	124	W2WGK	KU2A	W5RYA
CU7AJ	AA5H	W4UT	N3ER	W6GJB
EI4HH	DJ3EJ	WA7HR	N5ZY	WT5L
G3XLF	EC4KW	WB8TGY	N7TW	YB0AZ

ZS6NK	K0FF	JA0NPQ	F8GB	W1HQ
	K4AEH	JA1UBZ	G0UII	W3WN
119	K9LCR	JH8LEY	G4NAQ	W4AFB
AA4FU	KB2S	JJ2VLY	G4YCS	W4LLP
F5BAR	KB5CSQ	JM1JZN	HB9GZE	WD8LTM
HL2MHU	KO4PY	K8CR	IU8GNY	WJ1B
JA6JYM	KP4ED	K8RCT	JA2CPD	WN1M
K4RM	KZ1X	KB4CRT	JA4CSJ	ZL3PAH
K7LOL	N8AGU	KB7V	JH1GNU	
K8EB	VE7NY	KG4URP	K1JKR	111
LU9DO	W3DQS	MM1PTT	K2KNB	EI9CN
N8LCU	W3LWH	N0TR	K4JDJ	F8DZY
SV1BYI	W4ARK	N7PIB	K4JLD	G4ZWY
SV2KF	W4DWS	NA4MM	K4TR	IZ0CKJ
W1ZK	W4PG	NE1RD	KB2TGU	JA4DLF
W5IO	WB9WHQ	NI4Y	KC0V	JA5EEU
W6ZPL	YO6HOY	NW6V	KG2U	JE1TNL
W8EOG		OE5MPL	KG4OJT	JH3LCU
W8PAT	116	W3HKK	LU3JVO	K2KYH
ZL2AO	AA0FT	W4BH	NA9L	K8ZEE
	AB4BJ	W4OV	NS4X	K9JIG
118	EA5GXI	W5WS	S52R	KM5VI
6K5AQY	EI4BZ	W7FI	SV2DSJ	KM8AM
AE1T	G8GHD	WS4H	VA3AYA	N0ATQ
DJ9KM	IZ2CSX		VK7ZE	N1BZ
IZ0RPS	JT1CO	114	W3JM	NT5O
IZ1JIZ	K2GLS	G3CWW	W6BBS	PT7CB
JA6CMQ	K4LCP	HC1HC	W7CD	TA2RC
JM1CMA	K8JRK	I0BJV		W2FDM
K0PX	K8MN	IZ8EYN	112	W5GCX
K9KJS	K9GWH	JA1CPU	3C3CA	W7WT
KA5JSM	KB8ZUN	JA8EIA	7Z1CQ	W8LR
KB3KJ	KC1RET	JE6PJP	DS3EXT	WB2UFF
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KG5VK	N1GFV	K3PL	GM0SCA	
KX6C	N2ZL	KB1W	IK4EWN	110
LZ1XZ	N4KEB	KD2NF	IS0BQE	AC0B
N2ADE*	OE6CLD	KI8AE	JA4RED	AF8C
N3HYB	RW6MBC	N1AH	JF2OHQ	AG5Z
N4ZY*	SM1NJC	N3DD	JF3AHI	CT7ANG
N8KUS	VK6OZ	NA1DX	JH0LME	DK4MX
VR2CC	VR2IL	NG8T	K0XM	EA1BLA
WA8RCK	VY2RU	NK5K	K4HEB	EI9HX
WB5TOI	W3IZ	W0QKL	K4ZMV	G4VWI
ZS2I	W3MRL	W2ZK	K7RAN	HG6IA
	W7KKC	WD0AJG	K9KDS	IZ1EPM
117	W7QC*	WN0L	KH6P	JF3KOA
AD7L	WA4VJK	XE1EE	KK7BR	JH1FRW
CE3FZ	WX3P	YB2BNN	KS0JD	JR2PAU
DL2VWR		ZS4JAN	KY6AA	JR4DHK
F8EZE	115		N1GNB	K3MSB
IS0BZR	AA9WO	113	N8AID	K4KAL
IZ7QFN	AI5EG	AC9GK	NK7Z	K4RP
JA6SQR	E74A	AK0A	NQ4A	K5GZR
JM3GXU	HL4RBR	EA5DPL	S51DV	K6DJ
JR1KBJ	IW2FLB	F5EOT	W1FC	K6SLO

K9TVG	AC9DX	KA4LBD	NI7F	NK7L
KC3AK	DB9CR	KB0EL	NS7K	OH6IH
KV3W	DL1TPY	KC2THY	PT2DF	PV8RR
N4NYY	DL2AMD	KF2G	PY2OC	VU2DED
NG0G	DL2NAI	KJ4FZ	UA0ABB	W1PY
TF8GX	DM5TI	KS8W	VE3BHZ	WD4OHD
W1ZZ	DU1IVT	LU5OM	VE3XK	WK3A
W5JE	E70X	N0MHL	VU2MB	WZ9B
W6TCP	EA5XV	N7TP	W0BM	YU1LD
W7YED	G5CL	N9AZZ	W0LGQ	YV4EH
W8TE	G6MXL	NC6RJ	W0TLX	
YB1SKR	IK1RKN	NI8Z	W1USN	104
YO5QAW	JA2DCN	PP5VA	W4/KL7GLL	7N4OBV
ZS5LEE	JE2DOD	RM6LW	W7GB	AA2WC
	JH1OVY	SV3EXP	WA3IIA	AA6XV
109	K3DQB	TA1CQ	WA8Y	CT3DZ
AA4RX	K3XO	UX5XK	WS7I	EA4EJP
AC8TO	K4GHS	V31MD		EI3HA
AF3K	K8LBT	W5HY	105	F6ARS
DL9QJ	KC8YG	W8JA	AA2F	FM5FJ
F8DHE	KE3ZT	WB2MKX	AI1W	G0DRM
G0MMI	KI4SFT	WM4W	AJ6V	GW0ANA
JA5GOJ	KN4WOJ	WU1U	AP2IA	HA5DI
JH4GNE	KO4XI	ZP6CW	DL2DCX	HB9BMY
JI1IZS	KW1X		DL9GTK	JA0NZR
K0FD	LU2AH	106	E29TGW	JA1CC
K2OO	N2IFA	AB1NS	F5VIF	JA1DHY
K6JAD	N3YZ	AB6WQ	G3LOJ	JA1RBY
K9JE*	N5FPW	AC5AA	HL4GHT	JI4HKA
KB7DT	N5TW	AC7DX	JA1JYS	JQ2MPJ
M0AQW	NZ6N	AC8IL	JA1SZN	K1TWF
M0MCV	TF3MH	DS2GOO	JE6UWU	K2CQW
N4LS	VE7VV	EA3AGY	JH1IY	K4WW
N6RVI	W4DVG	EW4DX	JI1DMH	K5JUC
NN8L	W6CN	F6FHZ	JJ2BLV	K7UW
NW6R	WB1S	G0OJG	JK1AKA	K8CJY
NX1P	WB5ZAM	G0RPM	K0MB	K8WVA
NZ3M	WC4B	G3LPS	K1EO	KE4YOG
NZ7Q	WF7T	HI7SB	K1ETA	KJ2AM
PF7M		JA3AOP	K2GW	N1FOJ
PV8DX	107	JA5IBP	K5NV	N2TC
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T88UW	BG8PA	JG1XBM	K6GCN	N4LSJ
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W3GP	E73D	K5TU	K7CTV	N8TEM
W4JDS	EA2BFM	K6VWE	K8FB	N8WXQ
W5SG	EI5GSB	KA9TOX	K9DUR	NA8W
W7CB	G4NBS	KI4NSP	KK4MA	OM6CI
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W8PE	JE1CTA	KR4U	LA9JKA	PA0QRB
WT9U	K1FUG	KT5V	LZ1JZ	PY2YW
WW5RC	K2FJ	M0PCB	N0SL	RV4LC
	K2ZD	N4DJT	N1TQ	VK3MB
108	K3GO	N6UOZ	N9APK	W0VU
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AC8MR	K6DLB	NG4C	NC1M	WB7QXU

WX0B	KB1AWM	K5WRE	AC0DH	KF8PD
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YO6HSU	N2FY	K7GA	AE4VJ	KI0G
ZS6HON	N4IR	K8PGJ	AK1P	KI3O
	N5JED	K9GL	AK4AO	KI4PG
103	N8KOJ	K9MQ	DB6VH	KJ4SKO
AF8P	NA4D	KB5YN	DC1TK	KJ8N
DS5JMG	NN5O	KC3OPI	DK1MCS	KK6MF
EA2RY	R9GM	KE9UA	DK7GH	KL7XO
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FM4LV	SM0XG	KK6VGE	DL5JH	KV8P
JF1KIG	US8ZAL	KU4A	DS4GQR	KZ4EX
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K0BRO	VK7AP	LA3ANA	EI2FG	N0VTZ
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K2RNY	W4GHW	M5LRO	EI4GJB	N1UZ
K3PIN	W5TMC	N3CAL	EW4A	N2YU
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K6XJ	WB7QBS	OZ5JQ	IK7NXU	N7WFK
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KA7CVJ	WD6T	R2ARR	JA1IHD	N8HM
KL7NW	WD9IOK	RZ6MJ	JA2KGQ	N8URE
KQ6K	WF4W	SM0BSO	JE7KCI	N9MKC
M0UPL	WL7OU	SV2BXA	JG3LDD	ND0B
NB3R	WN9A	SV4FFL	JG5VFK	NE3K
NI5G	XE1SAX	TF1A	JR4VEV	NM4SH
RX3BP	YB0EIN	TG9AKH	K1HC	NX6D
VE7XT	YB9AY	UA4PK	K1JX	OM2AGN
W4CU	YO6BHN	VA2GA	K1PTF	OR4K
W5IP	ZS2ACP	VK4BUI	K2UF	OV2B
W7JET		VU2OT	K2UT	OZ9GA
W8EH	101	W0ZX	K3NO	PV8AJ
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YB1ALL	C31MF	W3RMS	K4QS	UR8IDX
ZL1IM	DD9WG	W3SW	K5LLA	VA2EU
	DL3XAC	W4PM	K5MMH	VE1JF
102	EA4UV	W6OU	K5PSN	VE3KKB
4X1VF	EA8TZ	WB5KSD	K5VSD	VR2PX
5W1SA	F4FLF	WD4IXD	K7VL	VU2OY
AC0XY	G3VDB	WM5H	K9EA	W0PPA
DB2WD	G4GEE	WU6K	KA2F	W0RMS
EA6UE	HB9PUE	WX7B	KA4H	W1HS
HB9MZI	IK2HLM	YB8HZ	KA9JAC	W3BNN
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JH1IHG	JA2KPW		KC2NJ	W4YR
JH1MYJ	JA5ALE	100	KD0KZE	W5PD
K1AJ	JA5JUG	2E0XAR	KD1DT	W5YKU
K1MDA	JK3NSD	9M8DEN	KE1IU	W6KF
K2CJ	K1RE	A41ZZ	KE7BMG	W6OZI
K2DH	K3AXB	A71EM	KE8NOA	W9KM
K2DW	K3LA	AA7UN	KF5MDZ	W9ZT
K4HR	K5HX	AB2NI	KF5TL	WA2ALY

WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB4MM
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WB6RJH
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WD4GZW
WI0E
WM4D
WM9Q
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YE1AR
ZS6CR