

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 21 Nov 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	I4LCK	N4XM	UA4HBW
K2TQC		JA3FYC	N8DJX	W5BPT
	341	PY4OY	OE6IMD	WB9Z
347	4X4DK	W2YC	SM5AQD	
K4CIA	DJ6RX	W3LPL	SP3EPK	331
K8MFO	G3KMA	W9IXX	UA6A	DJ9HX
N4WW	K5UR		W4PK	F6DAY
SP5EWY	N2TK	336		HB9BGV
W1JR	N4CC	AA6YQ	333	I4AVG
W4DR	NN4T	G4BWP	EA6SX	IK8HJC
	OH2BU	JA1WPX	F6EXV	JA1HGY
346	OZ3PZ	JA2JPA	G3XTT	LZ2DF
N1DG		K1ST	JA0EOK	NJ6P
SM3EVR	340	K2FF	JA2KVD	PY5HOT
	AA1V	K4HGX	JQ3DUE	UT5UGR
345	DJ9KG	K5RK	JR3IIR	UT7QF
HA0DU	JA4DND	N3XX	K6YRA	W4DKS
OH1XX	JH4IFF	VE3XN	N4AH	W5OZI
W9ZR	K4UTE	W0BV	PY2BW	W8UVZ
	N0AT	W2LO	PY2SP	W9RPM
344	PA3FQA		R7LV	WB6RSE
JA2VPO	SP5CJQ	335	SM5CEU	
K4PI	VE3EJ	AG9S	W1YY	330
OZ1BTE		JA1BK	WD5COV	DJ2YA
OZ1LO	339	JA4LKB		DL1AMQ
PY2XB	EA8AK	JA5AUC	332	EA5RM
SM0AJU	IK1GPG	JH4UYB	AA1QD	EY8MM
VE1YX	JA1UQP	K8SIX	DF3GY	F6BKI
W3YX	N4CH	N0XA	DF4PL	GM3YTS
	N8DX	N5UR	DJ8NK	HA5WA
343	SM3GSK	OK3GU	F6AOJ	IK4DRY
K3FN		PE5T	JA0UUA	JA1ADN
N4MM	338	SP8AJK	JA2FBY	JA3EMU
VA3DX	CT1EEB	W0MHK	JA4DLP	JG3QZN
W3UR	JA5EXW	WK3N	JA5MHD	JL1UXH
	K9NU		K0IEA	K3WC
342	SM3NRY	334	K1OA	N4JF
DF3CB	W1DIG	DJ9ZB	K3UA	N5ZM
JR2KDN	W7UT	EA4KD	K4XP	N8JV
K4DY		G0JHC	N2LT	N9IW
K4MQG	337	JA5AQC	SM6CVX	OE3GCU
KF2O	DL4MCF	K4XO	SP2FAX	OK1MP

SP3E	IK4BHO	SP9DWT	JH4ADV	318
VE3FF	JI8DGO	W1RM	JJ3PRT	A45XR
YU1FW	N6JV	W9OL	JR3OEH	AA4HP
	PY2YP	WB4TDH	K2UO	AA4V
329	SM2GCQ		K2VV	AD5A
AA7A	SP8NR	323	N3NT	DJ4AX
EI7BA	W2IRT	DK9KX	NK1K	DL6KR
HB9BZA	W4UM	EA3GP	OE6MDF	EA1YO
I4MKN	W5XX	JA9APS	OE8RT	G4PWA
IK5HHA		JF1KKV	OH2BLD	JI2KXK
IK6DLK	326	JH2FXK	ON4IQ	K2TE
IT9DAA	I4EWH	JR3GWZ	OZ1AXG	K4IQJ
IV3JVJ	JA7MSQ	K8PT	SM6DHU	K5DU
JA2JW	JH1TWT	KF0QR	UT7UJ	K9IR
JA7KY	LU2NI	N5TY	W8GC	K9YY
JE2URF	N7RT	SM4DHF	W8OI	KX4R
K0EU	RA3CQ	SM6CMU		LA2PA
K4ZYU	RU3FM	SP1S	320	PY5EW
KD5M	RZ3AM	VE2TZT	DF2RG	R3VA
LA5IIA	SP6M	W1ECT	F5PAC	RA7A
N5AW	SV1RK	W3NO	G3TXF	VE3LYC
NO8D	W8DCH		I2EOW	W4FC
NR1R	YO9HP	322	IK5PWQ	
OZ1CTK		CT1BH	JA3PIS	317
SP7GAQ	325	EA5BY	JA4FKX	EA2IA
W0DJC	CT1APE	G0DQS	JH1IFS	IK2YCW
WA1JMP	CT1IUA	HB9DHK	JR2LJO	IK8YTA
	EU7A	IK4GME	K1LD	K2RW
328	JA1SJV	JF3KON	K6FG	K6YUI
AA1ON	JA2FJP	JH0INP	N4II	KA9CFD
AA5AU	JA5WIZ	JJ2LPV	N5XZ	N2BJ
DL7MAE	JS2LHI	KU0A	NY0V	N4QS
G4OBK	K0DEQ	KW9A	SM5KNV	SP1MGM
GM3POI	K5EK	N1NK	SP7VC	W6VX
IZ5EKV	K9EU	N4DW	UY5ZZ	WX4G
JA6BZI	OE2LCM	N4NX	VE3EXY	
JH1GZE	SM4EMO	N8RR	W6XA	316
JI4POR	SM5CZQ	ON4CD	W7AO	DL5WW
K1HTV	SP5DIR	R7DX	YV1DIG	GM0GAV
K4CN	W6RLL	SV8CS		HB9HFN
K4MWB	W9OP	UA3AB	319	JA2JNA
K4QL		UA4CC	FK8CP	JA8EAT
K9CT	324	VE1DX	JA1XEC	K3WA
NI0G	DL5DSM	W3LL	JE1SYN	K4HB
PY5EG	EA5BM	W5CIA	JH3CUL	K8YTO
R4GM	I0WDX	W5TCX	JI1DHY	KQ8M
SL0ZG	I5NPH	WI8A	K6AM	LA7HJA
SP6CIK	IZ0AEG		K7NN	RV3LO
W5FKX	JA2DPC	321	KV7K	SP1JRF
W5ZN	JF1WPB	AD1C	N4DB	UA3DPM
YO5BRZ	JF7XKY	G4CCZ	N4PQX	W7MO
	JH8RZJ	HB9BIN	PA3EWP	W9ILY
327	K5KC	JA0GJJ	R5AJ	YO3APJ
AB4IQ	N8BM	JA2BDR	SV1FJA	YO7LCB
DK5WL	OE8HIK	JA3AZD	UA3AP	
DL2OE	R3OK	JE2LUN	W3KX	315
HB9AMO	SM6CCO	JH3VNC	W5WT	9H1SP

AB6QM	ZS6EZ	308	JA6WJL	RL3FA
G3VKW		DL2CHN	JH1AGU	RW4NN
HB0CC	312	IK0PEA	K2UU	SM2OAN
IK4DRR	CT1DKS	JA1GRM	K5XI	SP7HOV
JA8RJE	DK1FW	JA7IC	NN4R	SP7ITB
JR2BJE	EA7TV	JA9TWN	R9FM	W1SKU
JR7VHZ	IK2QPR	JF8QNF	W9RN	WT8C
K8NVR	JA1SYY	JH1NYM	WB9CIF	ZS1LS
KE9L	JA2IVK	JL1RUC	WD0DAN	
N5DG	K1HT	JR1BAS		302
N5OK	N5ORT	K0GY	305	DJ5JH
OE3EVA	WA2VYA	K1AR	A65BR	DJ9ON
ON4AOI	WP4U	K4SO	DJ4XA	EA1N
ON4IZ		K8OM	JA1VSL	F5CQ
PY2NQ	311	KN5O	JA5XAE	IU7QBB
SM3VAC	F3SG	KS1J	JA9CWJ	IW1ARB
UX1UA	JA2XYO	OE1WEU	JR2UBS	IZ2AMW
	JA4MRL	R7NW	K0JUH	JG3LGD
314	JA7JWF	SV1CNS	K6KLY	JG4AKL
CT4NH	JH4JNG	VA5DX	K9ZO	K9MK
DM5EE	J07WXN	W2QO	KG4W	SP2BMX
G3NDC	PY2XU	W9MU	PA5TT	W0VX
JA2AH	UR0MC	WA7NB	RA9CMO	W4QN
JF1PUW	W8HW	WA8WV	SM3NXS	W5ADD
JR4OZR	YB5QZ	WD9DZV	UT2UB	W7DO
JR9LKE		YS1RR	W1YM	WD4LBR
K1BD	310		WA5VGI	
K2LS	I3BUI	307		301
K5AQ	JA1ANR	AC4G	304	AA5AM
KB0EO	JA6VQA	DK2JX	DK5AD	AE5E
KC9ARR	JA7QVI	G0BLB	EA6VQ	F4BKV
KG8P	JR6FC	I5HOR	F2JD	HK4SAN
OE1AZS	K4EM	IZ8FFA	HB9DDZ	IZ1LBG
OE1ZL	K8FL	JA2XW	JA1IZZ	JA0DIN
SM4DDE	LA7AFA	JA3GN	JA1XCZ	JA1LSP
SV1DPI	LA9AJA	JH1QAX	JA2ZL	JA2WYN
SV1JG	MD0CCE	JJ3HGJ	JF2UPM	K4SE
UA6MF	N1IBM	K0KX	JN3SAC	K6RO
UT9FJ	RL9F	K2SHZ	K8AC	KI0KB
UX0FF	SP6HEQ	K3RA	KC7V	N9AU
YU3AA	W0YG	K9MM	N7US	RN3QN
	W4BP	LA7JO	N9RS	US5WE
313		NE1B	UY5AA	WB5JID
5B4MF	309	NI6T	W5XC	WE9R
AA5AT	DJ5FI	NS6C	W7CT	
AB3CV	EA8AKN	OZ4O	ZL3JT	300
AB9V	JA1EOD	W2JU		AA8CH
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HK3W	NN4SS	W7OM	DL5EBE	HB9SLO
JA5IU	NU8Z		EA3GHZ	IK4ADE
JR1BLX	R9TO	306	G3LZQ	IZ5RVG
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LB8DC	RX3AGD	G0OIL	K5WAF	K3XA
N8KOL	UA4LY	HA1RB	K7WP	K8GG
SP3CGK	WB8BPU	IK4PLW	K7ZA	K8TL
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KB1JZU	K6FW	S55DX	W5VY	WA6F
PA3CSR	K8VC	W9AJ	WB9EEE	
W5AJ	LA8PT	WA4FFW	XE2CQ	286
W6TC	N0RB			4Z4DX
	PY7DJ	292	289	AB5A
299	RA3QK	AI9L	AJ6T	CT3HF
CT1FMX	SM6BZV	EA5AT	DL9TJ	DL2VPO
DM2DXA	SV9COL	G4GIR	IW0HQE	IK0XBX
EW2A	UA6YW	G8DX	JA8EJO	IZ8XQC
G3SVD	W9JA	HB9TKS	JA9FAI	JA1QXC
HB9RG		IZ3ETU	JE2LPC	JA5BEN
JA7BWT	295	K7ZD	JG0CQK	JA7LGE
JE1DXC	AD6W	KB8VAO	JG1WSC	K0BBC
JH1SJN	DL1DUO	N8II	JH1BAM	K1LPS
KM4H	HL2IFR	R6AF	K4MS	K1RO
LA3WAA	IW0SAF	SP5IWA	K4XD	LU8EKC
N4TL	K5ZK	SV2AEL	K6ND	RA0FF
SM6CUK	K6SIK	W6SR	KK0M	UR5EDX
UA9FAR	KD3CQ	WA3AFS	N2NL	W3GQ
VE3BW	SP8HKT		N7TY	W6PJ
	SV1GYG	291	R0FA	W8AXI
298	W2GG	G0EHO	UN6T	
5B4AHJ	W5LT	GM0AXY	W9YSX	285
G5LP	W6XK	K3PA	YB1UUN	4X6ZK
HP2AT	YO2RR	K5VIP	YO2CMI	CU2DX
JA4ITW		KP2A		DL1TRK
JL2JVX	294	LA5HE	288	DL2SWN
JR7WFC	EA6NB	MM0EAX	I1EIS	EA3GHQ
K2PK	HB9BOI	N2TN	JR1DUP	HL3GOB
K8EUR	HB9CEX	N4RWG	K9US	IZ8DFO
N8TR	JA1BPA	VE3CFK	KD0Q	JA2VMU
ND0N	JA2VQF	W3RJW	N6UK	JK1GOK
NQ1K	JE1GWO	W6YI	SP9JZU	K6GXO
OE3SGU	JE8CLT	ZS2DL	UA3AGW	K6PJ
SV2DGH	JK1EXO		W1EQ	K9SM
WB0TEV	K5MC	290	W1YIF	OE1WHC
ZL1BYZ	K7ZV	9K2OD	W2LE	W8AV
	KZ4V	AA4A	W2NO	WK7E
297	N0KV	EC3A	ZS2EZ	
AC0A	R5DT	I4KDJ		284
DL4CF	RU6L	IZ4MJP	287	EI9FBB
DL7BA	SV3DCX	JA1JAT	9M6YBG	JA2FGL
E73Y		JA1KQX	AA8LL	JG3SKK
HL4CJG	293	JE1LFX	HB9BAT	JH3SIF
IK5RUN	AA4R	JE2EHP	JA1WSK	JN1BMX
JE7JDL	CU2AP	LA2QM	JA2ATE	K0TPP
K8GI	DL1SMA	LA5LJA	JA3EOP	OE5BWN
K8WK	EA3WD	LU3CQ	JE2OVG	PY2KP
KG7H	IV3YYK	N9FN	K0AZ	SM0CCM
KT1J	JA2CXF	PP1CZ	N7IR	SM6CTQ
PY2VA	JA3RQ	SK3PY	R9SA	SP3IBS
	JA9GPG	SV3AQR	RM0F	W2AY
296	JH7RXU	UN7TW	SM5ARL	W4FQT
AA8OY	JM1FHL	VU2NKS	UN7JX	W5ODD
EV1R	K4JAF	W2LK	W1VT	W8BBQ
JA1IOA	N2LM	W3OA	W4YCH	
JA1SVP	PY2IQ	W4VIC	W7BEM	

283	SM5CZK	ON4CAS	E72A	JE3ENP
EA6ET	UT7UV	RX4HZ	EI9JF	JP1NWZ
HB9CQK	W8LGJ	SM0NJO	F5PBM	K0KT
JA1RTX	WA9PIE	SM5CLE	HA9PP	K9MBQ
JA1XPQ	ZS4TX	VE1JBC	HK1MW	N4UOZ
JG3FEA		W1ZT	IK5PWN	NW7E
JL1XMN	279	W5GO	JA9FPI	OM4EX
K3WW	JA9IFF	W9FR	K3FRK	PE1L
K5DHY	JE8TGI		K7EG	SM5FWW
K9NW	JF2XGF	275	K8BL	W1MK
LA8HGA	UN7LZ	EA1AF	KI4GE	W4MAY
LU4FPZ	VE3DZ	HL2WA	LA3MHA	YB1AR
N7RO	VE3EK	JA2JRG	OE5FIN	
OE8SPW	VK3HJ	K0GD	PA0ZH	268
RA1QD	W3JX	K1DT	SV1ACK	JA1NWD
S57AT		N2JJ	W1YRC	JK1TCV
W1LW	278	N7KA	W2OO	K1DG
W6BJH	9A4T	N8PW	W3AP	KD4W
	DL5CW	PA7RA	ZS1A	N2AJ
282	EA8RR	W4OX		N5JB
AJ9C	F2NH	W9MJ	271	N6TA
GM3YOR	IV3GOW	WO7R	4X1RU	NA5DX
IZ0RVI	IW1QN		AA8R	OH1ZK
JA1FQI	JA8LRG	274	I1FQH	ON6AA
K5UO	K1USA	DL6JZ	IK2DZN	SM5ENX
LZ2JE	K2UR	EW1KP	IZ8EJB	SM6BGG
RD3AW	K3UL	IK0AGU	JA0DET	W8QZA/QRP
SM4CTI	K5RT	IW0HOU	JE6TSP	WA1YTW
UA0BA	KD0PO	JH1IAQ	JM1HJG	
W7AL	VE3CRG	K3PT	K3PU	267
	W8MHW	K6UM	KS3F	AA4FL
281	ZL4TT	KA8ZPE	N8LJ	JF2WGN
AD5Q		KJ6P	NK0S	JG8FWH
EA5OX	277	NA5C	UA3TT	JI3CJP
EI2GLB	EU1KY	OE2GEN	WA3C	JJ1TKN
F3AT	F5UJK	RA5BM		KB1EFS
IZ8FDH	IT9CVO	SV9AHZ	270	ND4X
N2WB	JA0PE	UA3ECJ	CT1EAV	R8TX
N5GH	JA3ENN	WN6W	CT3MD	SM5BMB
N8SNM	JA8EOT		DK8MCT	SM5FUG
W0LS	K2AJY	273	DS1JFY	W1KSZ
W7ZJ	K8UT	CT1FCX	EA1KY	
W8TN	N5LZ	JA2TBS	F9XL	266
XE1KK	UW2ZM	JA6BEE	JN1RQV	7K1PTT
	VU2PTT	JH3GCN	K0BJ	IZ8VYU
280	W3BW	K5PS	K7UA	JH1HHC
GM3PPE	WF2S	N4IG	K9JF	K8AJS
HA5VZ	WT4Q	OZ1ACB	N4QQ	K8ROX
IK0HFO		RW7M	PU2POP	KQ4AV
JA2IYJ	276	UR5WA	VE6LB	N4JQQ
JA6TMU	DK3WW	W1OPD	W8HC	PZ5RA
JF1NZW	HB9LCW	W4HG	WL7E	RA4CA
JH4ALY	IZ3ENH	W8RLS		W0FLS
JR6LLN	IZ5BAM		269	WB2GAI
K1GG	JA7FWR	272	IK8EPC	WB3LHD
K4WNW	JA7LMZ	AF9H	JA1OVF	
PY2DS	N5MOA	CT1GFK	JA1VLK	

265	LA9FFA	JA8BNP	N9ISN	JL1BYZ
G3WPH	ON5UE	K2UFM	W1KDA	K1ESE
JA4FM	W5ZG	K5VWW		K6BV
JH4HMG	W6NWS	NI3P	255	KI1U
JO4CFV	W6RS	OH1JP	AI6Z	LA5YJ
K2CBI	W7LGG	PY5CC	EA5RD	N6RV
LB2TB	W7QDM	W2FV	IV3TMM	SM7IUN
N5KM	W9PZT	W7AH	JA9NLE	W2ZI
N9JV	WA3GFM	W9HBH	JE2DZC	W7CA
W7MEM	WB8ART	WA1S	JK1OPL	WS9V
WB2BIN	YB2DX		K9FN	
		258	KR4F	251
264	261	DK7YY	N1RK	9A4W
4Z1UF	HB9IQB	JA9AGN	N8OC	AA6AA
DF2GH	HB9RYZ	JH1BNC	VR2XMT	DL2RTL
EA1KP	IZ8IEV	KH2L	XE1MEX	F1ICS
F6DBX	JA2XCR	OH4UI		JA5BGA
JA8DNV	JH3KAI	SA0AQ	254	K1SM
JA8ZO	K2FW	US0YA	BA7IO	K4VIG
JR4LNG	K7LJ	W1SSN	CT1BWW	K8CW
KA1ERL	N7BT	W9EWZ	DL1HRN	N4SC
LA0FA	NK4L	ZL2IFB	E72U	N5UL
N1GC	NX0I		IZ4DPV	W2JLK
PA7TWO	OM8FR	257	JA3VPA	W3FI
SV1CQN	SM4AZQ	AF4HX	JH1VUO	W4SK
VE6AX	SM7CQY	BA4RF	K3SEW	W5GAI
W5PF	W0GG	CT1FPQ	KI5BLU	W8JRK
WA0MHJ	W4UCK	DJ0UT	N4LR	
	ZS6WB	EA7SG	UA3O	250
263		EB3CW	W7YAQ	CT1DOF
DK4TP	260	IK2PZC	WA0RVK	EA3EQT
EA3CJ	7M4AOE	IK4AUY		EI6FR
EA4DL	AB4SF	IK8VRH	253	HA7TM
HA7UW	EA8MT	JJ1DWT	DS5ACV	IK0UTM
HL4GAV	EA9IE	N3VA	G3UAS	JA8CJY
JA7XBG	EC1AIJ	N6HC	HB9DHG	JL1MWI
JR8AMF	EI8IU	N6PSE	JA6IVR	JR0EQQ
K1KO	FG5FR	PY2MC	JE2RDO	K4KAY
K6IPM	JA1KPH	RU1AB	K6MKF	KQ3F
K8FH	JA2FBC	SV1VS	K8DV	N1SV
KN6KI	JA3WLN	W8MET	KE1F	OZ4VW
N1RR	JH3FUK	W8MJ	N7XR	PA0JSE
W2OIB	K8YSE		NF1G	PY2FN
W3ACO	LY1G	256	NT5V	UN3G
WA4LOX	N6MZ	BH4QYX	UA0FO	W7HPW
ZS6NJ	NN4X	EC1A	WF4U	W7IU
	SK7AX	FG8OJ	YB0COU	
262	TG9NX	IK4HPU		249
CT1BWU	W8KEN	JA0KJE	252	IZ8GGF
CU3EJ	WA5LF	JA6GPR	DL7UPN	JA8FFM
I5REA		JH1RGG	G3KWK	K7XB
IV3VBM	259	JH4GJR	G3NKC	K9NR
JA8BAR	4F2KWT	JM1GHT	JA1BNW	NA5Q
JG1OGM	AA9A	JM2RUV	JA8UIV	NU1B
K2KA	DJ8NT	K0TT	JF3PNQ	OZ5NJ
K8AV	EW1BA	K1UU	JH1ACA	SM4OLL
KF2DT	I5OYY	M0TTB	JH4CBM	UN3GX

W0RX	K0KG	K7KB	G0VXE	W9FI
W9RC	K1EFI	KV1E	IW3GJF	WB8CQV
XE2D	K1PL	W3ABT	IZ5YHD	
	K1YR	W5DNT	JA0LXP	234
248	K4JJW	W5QM	JH1DGQ	DF7EE
HB9DOT	K6EID	WV6E	K0DD	DK2CC
JJ1SKG	K8RR		K1RV	HB9BYQ
LA6UL	N1EN	240	K2NV	HB9JOE
N4XP	OE3HWC	7K1CPT	K8YYY	HS1NGR
OZ1LCG	SP6A	DH2PC	N4HID	IK0LNN
VE3YF	W4REX	GU0SUP	SM0MPV	JA1EMQ
W5JAY	W5PJR	JA1DM	VU2CPL	JA8XQI
	WA3F	JA2FSM	W2XI	JH1DGJ
247		JE1HRC	W8UN	JK1BSM
HL3DE	243	JR1WCT	WA0ROI	K4MF
JA1DDZ	CT1FUH	KF0LA	WB8B	KE5FXE
K3VAT	CT3KN	N0ABA	WB8ZRL	KE8UM
KM1D	DS5TOS	UX5UO	XE1RBV	N4OA
N7DED	G4XRV	W0SZ	YO3JF	ND4V
VE3YV	JA2EPW	W8IW		NV4B
W2GW	JA7BEW		236	S51NM
W8IQ	JF1LMB	239	AA7G	W3WST
WS5W	K4ZO	6K5YIA	HB9ZS	WA4CEM
	K8ME	DJ9RR	HL2CFY	WA4JQS
246	LA9VFA	DL9FCY	JA1HOM	WA5UA
FG4NO	N1API	IZ1JMN	JA1JYE	
IV3KFB	N4QWZ	IZ2FOS	JA3KNN	233
JA1VRU	NV9L	JA7KE	JK1UNZ	AA9GR
JA2QXP	SV1FJP	K2XF	JN1NOP	AJ4A
JA7HRM	W1BR	K6EME	JR7GBL	CU3EQ
JH7BKN	W8OP	N8SHZ	K1ACL	EA4DEI
K1FEV		SP6JIU	KM3J	I0JBL
K9YC	242	W0JM	KM6HB	JA4HAW
N2DPF	HL3AMO	WB7B	N4GN	JH1SOD
N3KN	JA4ZA		N6IE	K8BN
N3RC	JH1WJR	238	OE2BZL	K8EAB
W1KMA	JH4ADK	EA1JO	PA0TCA	KJ7M
W3ICM	JR1MLU	HB9MFM	SV1HEP	N2NW
W5ZO	K1CA	JE1PNX	W0HBH	N9BX
	K4PB	JE2VLG	W4GIW	NE3F
245	K7FEL	JF0JYR	W6DR	PY5IP
AK5X	N2NS	JH3FHQ	W9OO	SM0XBI
JR3UIC	N4HB	K9OR	WY6N	W2NRA
N0AH	N6HY	KA4RRU	YB2TX	W6RW
N5BO	N6KZ	KF7F		W6YOO
NZ3O	SV1IW	M0CSD	235	WA8MCD
S55ZZ		N4PJ	EU1U	WB2KSK
W6DE	241	N9UA	JE1IBI	WD8PKF
W9JJB	AB5C	W2TB	K0VSH	ZL4AS
YB0NFL	AF5CC	W4KA	K4QE	
	HC1BI	WA4QMQ	K5CWR	232
244	IS0AFM	WA6JA	K8ZM	AC9EM
HB9BUN	IZ8FWN	WB0TVY	N2FF	EA1RT
HL2KV	JF2VAX	WQ6Q	NW4M	JA3BXF
JA1CZI	JF6XQJ		TA1CM	JA6CBG
JA4VLK	JP1IOF	237	W4PNY	JH1APK
JI6IHG	K4RG	CT1BOY	W7YW	JH6DUL

K4ST	KI4DLS	225	DJ9SO	K9ZM
K5FNQ	N4NW	DK5RL	DL5XL	KG6I
KF7PG	W1WC	DS5DNO	E77S	KI7AO
NY2NY	WA1PMA	EU1M	EA5B	N1KC
OZ1IKY		JA1IAZ	F6ECI	N6DX
RK4FD	228	JA3FHL	IZ7AUH	NA9RB
RQ3A	F5LIW	JA3QOS	JA9NFO	W6GRV
W2/CT1GIF	GW4TSG	JH8NQV	JH0OXS	WB4KTF
W2YR	JF1RYU	K0OK	JM1VRW	
W3FOX	JH1ERJ	K1JIU	K2AT	218
W6CYX	JH2PWY	K5YU	K2HAT	DL2NOM
W9ZCL	K1XV	KA8SYV	K6ZZ	DL4NBE
WV4TN	K4JC	MU0FAL	KJ7TEA	DS4AOW
	K5FZ	N9SF	KK9H	I7PXV
231	KE4UW	SM3LGO	N2SQW	JF1MTV
AD5WB	KS4S	W3MR	OZ7FOC	K1NTR
G3KMQ	N6PM	W5GZ	RA4P	K9JU
HL2ZN	NH6T/W4	W5TFW	W6AER	KE3D
IW7DVM	RA3QUA	W8UV		N4JT
JA1MZL	W2DXE	YO9FNP	221	TZ4AM
JF2WXS	WB8K		EA2AAZ	VU2CDP
JH0AWC	WC3W	224	HI8RD	W8CZN
JH1UBK		DK3PZ	JI1NJC	W9KVR
JJ1QUV	227	EA7QW	JR7FRW	WA2NPD
K2SN	DL2RUM	JA8NFV	K5DV	WC4H
KD6UO	G3VPW	JK1WSH	KU4XO	
NA4EA	HL2EIZ	JO1LVZ	RU0SN	217
SM7NDX	I0MWI	K1CBK	W4DEE	AB4UF
W0QQ	IK8UHA	N3RW	WB0O	DH0GSU
W4UDH	JA0DWY	N7WO		JA2NNF
	K1GE	OE3KLU	220	JA7ZP
230	K5GH	RW4CY	AA6RR	JG5RVQ
DK6OR	N4IQ	SM7BHH	DL4DW	KB5UNX
F6HLC	N6OJ	SP6AXW	EA5DFV	N6QI
G3LUW	NF4A	VE3SKX	EI9FVB	NA2AA
JA5NPV	W5SL	WN6K	IK1IYU	OZ0J
JI1VV	W8GNM		JA6AVT	SV8DOU
K1KA	WA2USA	223	K1DJ	VE7BV
KB9DAK	WA9GON	AC9O	K4EU	W0TM
N0RN	YL2KF	AF2C	K4MIJ	WA3I
W5DM		E21EIC	K5MT	
W8WVM	226	EA7DUD	K6MM	216
W9YE	DM2RM	I8MTQ	K7AWB	CX2CC
WB2NPY	HA5PT	IK2RZP	KZ9DX	DJ3XG
	I0OSI	IZ8MBW	NA5Z	G4VMX
229	IK7FPV	JR1VAY	ON4ATW	HB9CXZ
AA3LX	K2BA	K6IPV	PA3BWD	HB9DQV
AE0P	KB1DMX	KG9Z	SM0DSF	IZ0NRG
AJ8MH	KH6M	KI6CG	UR4IOR	IZ1JLG
IK2GAJ	KK4OK	KW4V	XE2X	JA1FJJ
JA2OLJ	KX2A	N1NU		JA2VHO
JE1VTZ	N2KX	N4ENE	219	K3NQ
JK1VXE	N5ET	VE7TK	AG1A	K7LV
K0HD	N6BM	W7IB	F5JSD	KK4OW
K3FM	N9AOL		HL5BMX	KR4W
K4CMS	VK4CAG	222	K3EA	NC4RB
KD1F		AA0MZ	K5JZ	PS8ACL

W0SR	JJ1BMB	W6DCK	KO6KD	N4TV
W9MO	JR1EFG	W8HMK	N4TOL	N6PAT
WB3D	K2RU	WB0ULX	N8BJQ	SV1FKZ
WS1L	K4JWA		NA9Q	W1DYJ
	K9GA	208	W9DX	W5RF
215	LA5SJA	DL8SDC	WA3WZR	WA3FRP
9H1EJ	N8GP	JH0NOS	WA6G	
AA7XT	NA2M	JR3VMJ	WB0N	202
G4FKA	VK3FM	K0THN		AA9RR
HB9EFK	W2KA	K4CGY	205	IK5BOH/2
IZ0BVU	W8WEJ	K4WES	CU3AN	JR4LZX
JA4CZM		K5RJ	DL4LAM	K1NJ
JE2UFF	212	KS4YT	DL6UNF	K9WX
JH5HDA	G4ZOY	LB5WB	HB9BNQ	N8WD
JT1BV	JA1BWA	LB6KC	JA4DHN	NU1O
KD2T	JH3GFA	NW6S	K3WWT	W1AW
KF4NEF	KU4BP	OH7TV	K4YYL	W3NS
KR6C	PY2RO	W5FPT	KE6V	W4RDX
KX4TT	SM5AOG	W6WF	KV4AA	W7TUS
N8NN	SP5LJK	W8LMG	N9KW	W7VY
RN9N	W5DAW		OH2IS	WE2N
V51B	W5GA	207	OH3OJ	
VK3NX		9K2BM	UN9L	201
W0FG	211	G8AJM	W7HR	AA8SW
W0TT	JA3LDH	JE2EBT	W8BLA	GI4OWA
W1JGS	JJ1KZZ	JF1WLK	W8FIB	JH1IED
W2PP	K4YJ	JF2OZH	WA4MME	K0MFI
W4IS	KT2C	JH2VVH	XE1J	KK1W
W6SL	LU6ETB	KE1VT		LA9GX
WE1P	N1BY	KK2M	204	PY2GG
WE4S	VR2XLN	KV4T	EA2AFV	RT5A
WV9L	WX2U	M0IKW	HB9DVO	W6AEA
WW8W		N9AKR	JH1OBS	W9IL
ZL2AL	210	OE1JIS	JJ6DGP	
	JA1OVD	ON4ANN	JR0QFA	200
214	JA1PBV	RD9M	JS6TWW	HB9AGO
DJ3AS	JR2PZX	SP7ICE	KB5HC	HB9IIO
EA5AR	KD4SN	TF3DC	KM9E	IZ8EKL
F4GVO	KD8RQE	VK2CA	KW4CQ	JA0KJD
I5XFD	PY2WC	W1MJB	W4GP	JA3EY
JN7DOS	S54A	W4GE	W7IV	JE2KSM
K0QQ	W5THT	W7NN	XE1L	K2TER
K2AZ	W5WP	W9QO		N1IA
KB6CIO	W7FP	YB0MWM	203	N4TD
VK3BDX		ZS1J	DF3EC	N7ELL
W0KCJ	209		F5NBX	N9PGG
WB6BFG	7J1ADJ	206	IK2RGT	PY3VB
	AH0U	3A2MW	IZ0BTV	VK6LC
213	K0VM	HB9CRV	JA7JPZ	
9A1AD	K5ALQ	IZ4DIW	JH8NBJ	199
AG3V	KB4MRX	JF1IRW	K0CS	AA3TH
DK3UA	N0ODK	JH0BQX	K4JKB	AC0X
DS3HWS	N6PEQ	JN1NBU	K9OW	AD4AA
IV3FFI	NE6I	K8NK	K9TF	JH0RVY
JA0EVI	PU1KGG	KF9UG	KA1DJ	K3SX
JA1FVS	SM5BNK	KK5OQ	KM7R	K4SX
JA3NHL	W3BJ	KK9T	N3PS	K4VNY

MU0GSY	WA0WWW	K6XN	KY5I	IK0HBN
N2RR		K9SG	RM3DA	IK0WRB
PB9FN	195	KE0A	RN3CT	K3JM
V51YJ	CT1ELF	KJ4UZU	SM4BZH	K3NF
W6JZ	IZ5FSA	KJ4YLO	W6DPD	K5RKS
W9LN	JA7QQQ	KU8X	XE1FAS	KZ1W
W9RXJ	JL3OUW	N4XYZ		M0HIH
	K4KEW	N9JR	188	NW7M
198	KE4S	UR3EO	EA7AN	SM2EJE
DJ0MCH	N3XM	VA2IG	JA0GCI	UN7BY
IV3BSF	OH6NIO	WY1G	JK1AJX	UT7KF
JR1IZM	SQ7FPH	YB1TQL	JP1GUW	W6BK
K0GW	UR5FEO		JR0AMD	W7IUO
KA1J	W3SB	191	K1JD	WB2HJV
KC6JAM	W6KK	AA4NC	K2DC	WB3BFC
N4FN		DG5LAC	PY2RN	WB5STU
N6ZN	194	DL4FAP	WV4V	YB1RUS
RA3BL	A65BD	HA5CW		
W6SHY	HB9ESS	K1RI	187	183
WA2VQV	HB9VAB	K8QKY	IK8GJR	JA2KSP
YL2TW	IT9ODQ	N4DWK	JH7NTW	JE4CIL
YV5LI	JH1OCC	N7MQ	W5ZE	K3SF
	JH8UQJ	OZ7DN	W8UQ	K6LRN
197	K1LT	VR2CH		KC2SST
4X4MF	KP3AH	W5LO	186	LU4FW
BA4TB	KR8T	WF1H	AA4LR	NA2U
EA1DLU	NJ3K	WI8R	G4XEE	W3ML
IT9AAI	NJ7G		JA2MNB	YB2TS
IV3AVQ	SP6EIY	190	K5QX	
IW9DNI	W4DC	AA4U	KC6X	182
JJ2WOC	W5UHQ	AC4VM	KK0DX	I5FLN
K8SIA	W5VQ	BV1EK	N6MXU	I8LWL
KI4WCQ	W7PAQ	DJ9KV	N6VNI	JA7FAS
NG7M	WA1NXC	EC7B	NU4B	JI1CQA
W1FA	WW2DX	G3WW	W4WN	K7LAZ
W4DAO	ZS2Y	HL4CCM	W8RV	KG4JSZ
W4HZ		IZ0GYP	WA5IPS	KK8MM
WC2K	193	JA2ITK	WB4DNL	KL7TC
WQ5R	7L4VYK	JH8KFE	WZ4RC	LA5LT
XE1H	AE4CW	JI2UDK		N8NA
	DH3KM	K7UT	185	N8NB
196	I1YDT	K8ZT/QRP	G1VDP	ND3L
AG5W	IZ5MOQ	KD0AA	K0KP	ON6KE
CT3CD	JA0AXV	N3AIU	K3PP	VK5GR
G7SSE	JA1QIW	SM7GIB	KE5BR	VU3CAU
I7LGM	JG1JPE	W2OR	N4HN	W6SFK
I8YAV	KB2FCV	W9ROG	UN7BK	WV2I
JA1XRA	KM1C	WB4GLI	VA7ZT	WV8DX
JA2NDQ	SM5ELV	ZS1DX	W2WG	
JH1OGT	W8NN		W6RKC	181
N2GZ		189	WB5NHL	IZ4AIB
N3QE	192	HI3T		JH1FNU
NA9A	F6FYD	I0LYO	184	KY6R
RC2A	IZ7GIT	IV3KCB	AD6ZJ	N6NU
SP3F	JA0CIU	JA1SGU	DS4GKF	N6VS
SP5MXZ	JH1FVE	JG1SWM	EA5RU	N8HRZ
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SV8CKM	WB6AXD	XE1R	F9CI	168
UA9AEU		YB0DJ	IK3GBG	A92IO
VU2IBI	177		JM1SY	AA5N
W6TK	4X6UU	174	JS6QOM	AG4Q
	IU0ICA	AG7N	K2MK	EA5HM
180	JA3EEM	DF8FT	K2TV	EW1P
A61BK	JE4RAL	DL5KUA	K6ZP	JH1ORA
AA4AK	JF1LZQ	JK7LXU	KB0V	JP1LRT
JH1IZR	JG3KLF	JR3TOE	KC5LK	K1VI
K0IL	K0EOO	K5CR	KP4DKE	K2SY
K2SD	K3OX	K9HQM	KW9U	K4KGG
K5TN	K8YE	K9UQN	N8WRL	KF0RQ
K8SL	KF4VTT	KZ5DX	NA6O	KM4VI
LA6OP	NA6MG	N4PYI	W0MU	LU8ADX
N2ZZ	NC2Y	N5QS	WA4DOU	LX1CW
N4MIK	SM5CBM	VU2DCC	WA5KBH	N4ST
NA5S	VK2AAH	W5WI	WI7P	N6MB
NY1V	W0IKD	WA4BIM		OE1ALW
NZ5O	W1AO	WQ5T	170	R4FAN
VK2HV	W4KVS		DL2JIM	VE3YXO
VR2XYL	YB1TJ	173	EI5KO	WX0Z
W1LE		AB6CF	EI6AL	XE1YD
W4DSM	176	AI9U	JA1GVT	
W5SUM	DL6NW	HB9FBG	JQ1YIW	167
	IK0CHU	HB9HVG	K6JJ	JA3AVO
179	JA1ERB	K5ZQ	K7CU	JA8BOV
AF6PK	JR1FHP	K6UNE	LA2GH	KB8NTY
DL5MHQ	K5DCW	K7PT	N4VN	KE3X
K1RH	KK7YC	K8JE	N5PA	KH6XT
K4WZ	KT8D	LA9VBA	N6EM	KN7D
KE5TD	N1JP	N7HN	N8VV	N1ZJ
KJ6NZ	N2MEE	N9DR	NK7C	N7VPN
KZ2R	OZ9XU	NX2X	NX4TT	PY2SEX
N3KV	VE1VOX	OV5O	OZ3SM	WA0SXV
SP5ELW	W0PE	SM0EUI	VE1OP	WA5NFC
W0ZS	W4AEJ	WY7FD	VE2YG	WB8BZK
W4CCS	W4LEW		W0OGH	
W4TUN	W7WZ	172	WA4USA	166
	W9WO	EI1DG		AL7R
178	WA3GNW	G3SBP	169	DL1SVA
EA8AXT	WF8R	JA1BON	DM3CW	HL4XM
G4DDL		JA7DPC	JE1PHH	JJ1BDX
I4UUL	175	JA7FVA	JE3PCP	JR6GHN
IW0BYL	AG5CN	K1ZJA	K4WY	K2CYS
JA3UNA	JA0LFV	K5TA	K5CD	KN4FO
JI1WLL	JA6SQR	LZ1XL	K9OT	KR4BD
K0NV	JH6RTO	N3AO	KF9AF	LA7EIA
K1ZE	JO3WHB	OH2LHE	KI2D	SV2CLJ
K3VAR	KD4POJ	SP5ES	N5MT	W4PGC
K4GO	KF6HI	WC0W	PP7LL	W8SAX
KR2Q	LZ2ZG	YB4IR	RD3BD	WA1ZIC
KU1T	N7NG		SM7WVZ	WB3JFS
N2ZA	NN5E	171	SV1IZY	YO3AIS
N6DHZ	NS3L	4X6KJ	W7VAS	ZS6IR
VU2LBW	NW7US	AD3C	WA4NUF	
W1OP	UA1OM	CT2GZE		165
W7HUY	UA9AGX	DL5MM		AG6HE

CU3HN	N0AMI	KC9K	E20YLM	154
EI5JL	N7KDT	KF2OG	EA3HDZ	AJ8B
IK0XIH	N9LEO	KL0S	EI2JD	DK1NAL
JE4WOK	R3IS	KM4NS	JA3MHA	DS5WQT
JF1KML	SM7CZL	N0IW	JA4FKO	JA0GZZ
JK1DDG	VA2LC	N4MEC	JM1ESG	JA4HXF
K2AX	W1OK	N5WA	KN7Y	JA8ANQ
K3VPZ	W1XV	N8IL	KW1DX	JH1AQN
KG4CUY	W8MIL	NI5F	N4MI	JH7WQX
LA2XPA	YO3DDZ	SV1XV	N6MM	JR3QHQ
N2RJ	YO3IPR	W1ASB	NP3CW	N7JB
N3KS	YO4AUL	W1TO	PY1NS	NE5W
RA0BA		W9FF	W4NBS	SM0BYD
VK3TC	162	WB8QZM	WD8KND	W4CIR
W2FS	4F1OZ	ZS6RJ		W8TM
WB2WPM	BH4IGO		156	WA9MAG
WB9PNU	DF2UA	159	DK8IZ	WN7J
	DJ7JC	EA1P	EA3HPX	
164	DS3EXX	F4DSE	F1RAF	153
AC4BT	EA2AGV	IK0WMJ	G4AYU	HB9BEM
CT3DL	HS8KAY	JA0ED	GM0VRP	JA3UOQ
DL7JRD	JA7MAD	JA3PRM	GM3WIL	JR7MAZ
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IZ0GVZ	JR4CZM	K0IO	JA2ODB	K0LB
JJ1JMZ	K3DFL	KB7AK	JA9RT	K3HW
K6CF	KA1API	KW4J	JG3RWX	K4OY
K6GFJ	N4BAF	LA4JGA	JH2AJY	K8ROK
KD8MQY	WA7BNG	LA8ZAA	K1ROA	K9MMS
LB7ZG		N1MD	KA9OKH	K9YZ
N2XQM	161	NE5S	KC4HN	KK4XL
NA2P	HL3ERJ	OT1A	N4QM	N0VVV
PT7DX	JP7FSO	VA3NXM	N7GCO	N7NW
S50B	K1BZ	W1EBM	N7RD	N7WI
SP7QHR	K2OP	WD5BJT	W1MR	NC7B
W6SIY	K4AR	XE1MW	W5JMW	OH3FVP
W9CSX	KM4A		W6FL	SP5NON
	N7QT	158	WA6QGH	W4DTA
163	NA6XX	9J2BS	WB4YDL	W8VK
AA4OC	OK2ZDL	G4SGX	ZL3RJ	WB4SON
AA8KY	SM3PHM	HK3PJ		
AE4M	W5BK	IK3DVY	155	152
AI4QQ	W5RDW	JH3EQP	AB4GE	5P5Q
DS4NPL	W6DOE	JJ1KXB	DK3QM	AC6BW
EA1AZ	W9GG	K4HQK	IV3TDM	BX5AA
F4CPF		K8GWU	JK1BIB	DF2WF
F4WDL	160	KB2XJ	JR3ADB	DL8DWL
HA5BSW	AC0DQ	KF7NN	K2DF	DU1KT
IU8IYE	E70T	KJ7NO	K4EZY	G4AFJ
JR6LDE	EA1WH	N4XMX	KQ4EE	IK5BSC
K0ABC	HL1VAU	W2CG	M0IFT	JG2LGM
K0CF	JA1ITJ	W8LIG	N7WS	K0RAR
K4GN	JA1UOA	WB2RAJ	NO9E	K2EK
K4MV	JA7JM	WT2P	OE1HHB	K4RDU
KD1AB	JK1EBA		TF3JB	KD2OV
KE1B	JR1CAD	157	UT7EC	KE9S
KW4MM	K5VR	7N3IJT	W5SV	ON4LG
LA1CO	K7LY	AA3AZ	YB1AYO	R9JX

W6RFF	W8QXR	KB7QFE	GM0VIT	RL3BZ
W8FN	ZS1C	KB9LIE	JK1NPH	YO8CRU
WA6EZV		N8JS	JL3DGI	
WA9IVH	149	SV8RX	K1TKL	141
YV4DYJ	7N2JZT	W0QC	K4SAF	7K3QPL
	DS4DRE	W3NRJ	K8OS	9H1AE
151	ER0FEO	W8OM	LA2IR	AC7JM
4O3A	JS6SCC	W9GM	N5UE	AC9S
AA4UC	K2KIB		NZOO	EI3ISB
AB2E	K9EXY	146	RN0C	HB9EXQ
DF1IR	KM2E	AE5B	UY2UZ	IZ0FUW
DL4KUG	KP4DS	HB9HHH	W0AIH*	IZ3XEF
JA2BUR	N0STL	HP3TA	WB9W	JR3PKO
JH2NWP	NE0U	JA3KWZ		K1XE
K0KV	NO0B	JH1BHW	143	K2HT
K4DET	PY8WW	K6NR	AA4MM	K2JK
K7LAY	RT0F	K8ARY	AF3X	K9AAN
K9AAA	UA9MC	K8POM	EA4D	K9AQ
KE4BKL	WA1EHK	KB9AIT	HB9AAA	KA5VFU
KE8G		KD3HN	JA1MOD	KC1ERO
KK4CLY	148	KM2O	JE3FOR	W1NA
LZ2XF	4F3BZ	KM8AM	JR7ILA	W6HDG
N7MB	A71AM	N6RK	K7QBO	WK8A
NU4I	J68HZ	N8TFD	K9BQL	WK9U
SM0NUE	JA4GXS	SM3DXC	KE4FW	
VA3EJN	JF2AIJ	SP9IZV	KG6D	140
VA3HP	JI3BFC	VU2NXM	KJ4R	AD9DX
W3HER	K5EWS	WA2MUA	KN7K	EI6JK
W5WLA	K5LY	WA3SKQ	LB2TG	EI7GY
W6WA	K8ZZU	WA5NOM	N1QY	EI7JZ
WA9JWL	KA3GWD	WW8RT	N2YBB	EW4C
WC2C	KL7TS	XE2B	N4UP	HB9GWJ
	LZ1MDU	YB1BML	N7ZA	JG1RYQ
150	N0TK	YO2DFA	OH3PY	K0UBR
DK3BK	N3ND	ZS6UT	TF4M	K6EV
DK3FB	N9ATF		TG9AJR	K7VC
HB9EBM	NJ6K	145	W4JV	KB1HY
HB9MXY	TF3Y	5T5PA	W4UFO	KC3AK
IT9ABN	VE6TL	AA5TL	W7VS	LA8PDA
IT9IPQ	W4AG	AL7TC		LZ2HM
IZ2MHT	W9MAK	EA4S	142	W3DIY
JA6SUY	XE2YWH	IW1PUR	AK9B	W5VU
JA7GZM		JH1CTV	IK1ZNM	W9BS
JG1GJH	147	K5FXB	JA0MRW	WB1ASL
JQ1PCX	AB9KZ	K8WHA	JA1PUK	WB8EKG
K1QN	EI3CTB	KQ5M	JH6PFY	WW6G
K5HK	F6KOP	KS0M	JI1UHZ	YB3MM
K9RT	G3VQO	N6KK	K0SRL	
KI7M	IS0/YO3RA	PT2ADM	K3GT	139
N6JOJ	JJ0LZQ	W7NP	K4TXJ	AA4DD
N9IO	JK1OTP	WB9B	K6TAR	F5VML
NG9J	JL6USD	WR7Q	K8MRT	HB9ARK
ON6ZV	K0PC		KA6BIM	HB9DTE
OZ1HPS	K3GGN	144	LA1J	HL4CBX
VR2MY	K3GW	AD0TR	NF7D	JE3OUW
W3KB	K4NTO	DL6DCD	NH6L	K0QB
W4NE	K5UZ	G4FTC	NN9X	K9QJ

K9TRV	SP3EPG	K7FL	NN3V	JA1PLT
KX4I	TA1AL	K7YZO	SM7DXQ	JA2ACI
N0CKC	W2GGY	K9SUH	TF5B	JA3WMS
N2SG	W2NY	KA9JCP	UW7UA	JH1RFM
N5FEE	W4UEF	KD2SC	VU3WEW	JN1SUT
N7NF	W5GOL	KM4HQE	W3KHZ	K5SES
R9MJ	W9MR	KN4OK	W4MC	K7ORK
ZL3TE	WA0WOF	LB5GI	W5FL	KB4KBS
	WG0G	N6XT	WA1HXH	KE7BMG
138	WS1F	NJ1Q	ZS1EL	KF9LI
DL5KUT		SM3WMU		KJ2U
DL5ZB	136	VA3OKG	131	KO4PRE
G0FWX	CT1ESO	W1DAR	7L2QAD	N8BK
HB9DVZ	EA5KA	W4UAT	DM6MA	N9AVC
JA0CVC	IS0EBO	W5AAJ	EI5GM	NN2D
JA1PVX	K7STO	WB1DX	GM4KHE	PY3OG
JA1VRY	K9UO		IK1UGX	SM2YIP
JJ1OKK	NT5EE	133	JE4KCN	VK5CE
K2JL	ON5GF	7J1ABD	K2WJ	W4MA
K2RET	TA1PB	DL8OH	K3WGR	W7TG
K2YSY	TF3VS	GM1BSG	KA5IAU	XE1ILI
K6CW	VE3FRR	HB0WR	NM1G	
K9UWY	W0ANZ	HK4EB	NN6K	128
KC9G	W4GH	JE1COB	OE3JAG	A71XX
KF6A	W4PGM	JM1JIV	PT2ND	DL9SAD
KU9S	W4PV	K9JDP	W4EJG	EA1AHA
N3PV	W7SX	KG6WIK	W5EC	EI3IO
N9XX		KI4TZ	W6OUL	HL2DBP
OD5YA	135	LA9KY		JH1AWJ
PV8ABC	AB4FH	N1BKB	130	JN4FNZ
W0UHL	AK5Q	OH7HM	AA4QE	K6OJ
WA5POK	EI2HY	VU2ABS	CT1HHP	K7PTC
WA8LRW	G0THF	W1GY	DL1SWN	K9YKL
	HZ1GW	W1ITU	I4JEE	N0JR
137	JA1DCK	W3MF	JA2LMY	PU4MMZ
AD0K	JA3MIO	W9SE	JH3PRR	R3BB
DL2RD	JA7MWC	WB9ZNZ	JL4BSE	UR9IDX
EA7LS	JJ1HLL	YB4CHP	K2MHE	V31CQ
G3PSM	JL2ULM	YO3GJC	KF5WCP	W0QD
HL1MKT	K4OP		KN4JX	W5MF
JA4DNC	K5VG	132	N2YF	W6IS
JF2RSF	S53MJ	AK3E	N7TM	W8BI
JF3VEC	W7QHE	AK6I	NS4F	W8WV
JH1SBE	WB3AVD	I8NLC	NU4Y	WA4UWD
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K2RKJ	WB9IWN	IZ0COI	RC3FL	WP4CQ
K4AU	WO5I	K4BNF	W1MO	WQ1H
K6EGF		K4WM	W6UC	ZS6AKU
K6IRA	134	KG8OU	W9CTJ	
KP4N	AB0RX	KI7HO	WB8RFB	127
N2KI	AB1J	KK5ID	YB2IQ	7Z1HL
N4KM	DL4ZAB	KX5U	YO8PS	AG4TO
N7VZ	EA6AZ	M3DFW		DJ5DT
N9NFT	IZ8DEO	N3TR	129	DL9GTB
NU1T	JA6GXP	N4EDT	AD6KQ	G8BCG
PY2CP	JR0GXA	N4QOG	AE7U	HK6K
SM5CSS	K3KY	N5RN	JA0AVS	I2YPY

IK2ULM	G4EHT	IK0XKP	W6HB	IK8IPL
JA0BES	IK8PGE	IZ8LMA	WA5YOM	IT9JPS
JE2VYM	IZ8EYN	JA0PZJ	WA9DU	JA0JPD
JG1LRE	JA1IHD	JA1GLE	XE2MX	JA1DCO
JH1HRJ	JH8FIH	JA2HOL		JH5OTE
JI1MNT	JP1GVC	JH1RVQ	121	JJ1XVA
K0ARM	K5NOF	K2JGL	AD5MD	K9CHP
K7LFY	KC2STA	K6LPO	DD0VE	KC9WPS
K9BO	KK5J	KD4EE	EA3NG	KD5R
KB8KIM	N5ZC	KI0HA	HA2EQD	KJ6Y
KF3N	NA7RH	KM4CQG	IK6BMU	LU3XX
LA2LI	NN6CH	KO8SCA	JA1CPN	N1TQP
N0AB	SM5AFU	LX2SM	JA1EYN	N3DV
N3GTG	VK2DAG	N6DVR	JA1WTO	N3GS
N4GBK	W0XE	N8AYY	JI5WDC	N4UFP
NA1RL	W4AO	N8IK	K0YL	NR2D
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ON5EQ	W6PG	NT9F	K1LTJ	VE3QAA
VE3EDY	W9EBO	OH3TY	K3CWF	VR2ZXP
VU2MSA	WA4TMJ	ON6YH	K3HPA	VU3RGB
W0MF	WM4AA	PY2ADR	KB3IFH	W1RG
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WB2KSP		VE3VHH	KK4ODQ	W6GJB
	124	W2WGK	KU2A	WT5L
126	AA5H	W4UT	N3ER	YB0AZ
CU7AJ	DJ3EJ	WA7HR	N5ZY	ZS6NK
EI4HH	EC4KW	WB8TGY	N7TW	
G3XLF	EI8IQ	WX3P	NA2R	119
GM7NZI	G4RGK	YB9WZJ	NY4G	AA4FU
IK4TVP	IT9YOZ		OZ6EI	DL2VWR
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JA5XPD	IZ5BYJ	AA0BH	UA0FDX	HL2MHU
K5KDX	JG3KMT	AA5B	W0DD	JA6JYM
K7PO	JH1XFR	AB5YI	W2ARP	K4RM
K7YMG	JM1LPN	DB4RG	W3/NH7C	K7LOL
K8GT	K3SUI	F4GTB	W3JXP	K8EB
K9QA	K6VVK	G0HSA	W4CC	LU9DO
KC5RR	K7HC	HC1HN	W4KCM	N1GNB
KK4CB	K9ARZ	JA9ALR	W5UQ	N8LCU
N5HC	KB8DID	JR1HYA	W7PC	SV1BYI
N8YQX	KC4AA	K0HQW	W9MB	SV2KF
N9BVA	KD9ZR	K0MD	WA7HQD	W1ZK
NX8Y	KS4WA	K4VAC	WB7BBQ	W5IO
OH4KRN	N0YO	KA5SYP	WQ8T	W6ZPL
PY2OP	N1HO	KB4ET	WT3Q	W8EOG
VE3TMG	NT4K	KN9N	WU9D	ZL2AO
VR2VGM	W6ELI	N1ZZ		
W8VI	W6ND	N6VH	120	118
W9COS	W8PAT	N7UJJ	AA2T	6K5AQY
WA2BOT	WW5L	N9ATD	AC4TO	AC9GK
XE3E	ZL3REX	SV7CUD	AE5LK	AE1T
		UT9LC	AI2S	DJ9KM
125	123	W0JMP	CT7ABD	IZ0RPS
AC4XO	AE5FM	W1ES	CU2CE	IZ1JIZ
DM5JBN	DJ6OZ	W1HEO	DS3DNT	JA6CMQ
EI8GS	DS4DBF	W1KKG	DS5QLJ	JH3LCU
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KG5VK	N1GFV	KD2NF	DS3EXT	W7WT
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ZS2I	VR2IL	W0QKL	JF3AHI	CT7ANG
	VY2RU	W2ZK	JH0LME	DK4MX
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AD7L	W7KKC	WD0AJG	K4HEB	EI9HX
CE3FZ	WA4VJK	WN0L	K4ZMV	G4VWI
F8EZE		XE1EE	K7RAN	HG6IA
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K0FF	HL4RBR	EA5DPL	N8AID	K3MSB
K4AEH	IW2FLB	F5EOT	NK7Z	K4KAL
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KO4PY	JJ2VLY	G4YCS	W1HQ	K6SLO
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W4PG	NA4MM	K4JDJ		W8PE
WB9WHQ	NE1RD	K4JLD	111	W8TE
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	NW6V	K5WRE	EI9CN	YB1SKR
116	OE5MPL	K9DUR	F8DZY	YO5QAW
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AB4BJ	W4OV	KG2U	JA5EEU	109
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JI1DMH	114	S52R	K8ZEE	F8DHE
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W7CB	G4NBS	K6VWE	KJ8N	NA8W
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	K1FUG	KM8V	LA9JKA	PA0QRB
108	K2FJ	KR4U	LZ1JZ	PY2YW
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AC8MR	K3GO	M0PCB	N1TQ	VK3MB
AC9DX	K4LQ	N4DJT	N4LSJ	W0VU
DB9CR	K6DLB	N5JED	N9APK	W9GXR
DL1TPY	KA4LBD	N6UOZ	N9IXD	WB7QXU
DL2AMD	KB0EL	N7MW	NC1M	WX0B
DL2NAI	KC2THY	NG4C	NK7L	YB1BUL
DM5TI	KF2G	NI7F	OH6IH	YO6HSU
DU1IVT	KJ4FZ	NS7K	PV8RR	ZS6HON
E70X	KS8W	PT2DF	VU2DED	
EA5XV	LU5OM	PY2OC	W1PY	103
G5CL	N0MHL	UA0ABB	WD4OHD	AF8P
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JH1OVY	PP5VA	W0LGQ		JF1KIG
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KC8YG	W5HY	WA8Y	EA4EJP	K3TXW
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KE7AUB	WB2MKX		F6ARS	K4PWS
KI4SFT	WL7OU	105	FM5FJ	K4SAW
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M0UPL	YB0EIN	UA4PK	K1JX	OV2B
NB3R	YB9AY	VA2GA	K1PTF	OZ9GA
NI5G	YO6BHN	VK4BUI	K2UF	PV8AJ
RX3BP	ZS2ACP	VU2OT	K2UT	PY5VC
VE7XT		W0ZX	K3NO	R2AB
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W5IP	AA9D	W2PD	K4GM	VA2EU
W7JET	AB2NI	W3RMS	K4QS	VE1JF
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YB1ALL	DL3XAC	WB5KSD	K5VSD	W0PPA
ZL1IM	EA4UV	WD4IXD	K7VL	W0RMS
	EA8TZ	WM5H	K9EA	W1HS
102	F4FLF	WU6K	KA2F	W3BNN
4X1VF	G3VDB	WX7B	KA4H	W3KN
5W1SA	G4GEE	YB8HZ	KA9JAC	W4CG
AC0XY	HB9PUE	YO2OXD	KB6IGK	W4YR
DB2WD	IK2HLM		KD0KZE	W5PD
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NA4D	KJ5RC	DL3ANK	M0NGN	WI0E
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R9GM	KU4A	DS4GQR	N0VTZ	WM9Q
S51MA	LA2XNA	EA4TX	N1KI	WU1T
SM0XG	LA3ANA	EA5PS	N1UZ	XE2AD
US8ZAL	M0PTZ	EI4DQ	N2YU	YB6LAY
VK2GR	M5LRO	EI4GJB	N3NVA	YE1AR
VK7AP	N3CAL	EW4A	N4GOA	ZS6CR
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WB8LEM	RZ6MJ	JA2KGQ	ND0B	
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