

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 08 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	K4DY	338	N4KG*	332	330
K2TQC	K4MQG	CT1EEB	N5UR	AA1QD	DJ2YA
	KF2O	JA5EXW	N5ZM	DF3GY	DL1AMQ
347	N6AR	K9NU	OK3GU	DF4PL	EA5RM
K4CIA		SM3NRY	PE5T	DJ8NK	EY8MM
K8MFO	341	W1DIG	SP8AJK	F6AOJ	F6BKI
N4WW	4X4DK	W7UT	W0MHK	JA2FBY	G3XTT
SP5EWY	DJ6RX		WK3N	JA4DLP	GM3YTS
W1JR	G3KMA	337		JA5MHD	HA5WA
W4DR	I4EAT*	DL4MCF	334	K1OA	IK4DRY
	K5UR	I4LCK	DJ9ZB	K3UA	JA1ADN
346	N2TK	JA3FYC	EA4KD	K4XP	JA3EMU
N1DG	N4CC	PY4OY	JA1BK	N2LT	JG3QZN
SM3EVR	OH2BU	SP9FKQ*	JA5AQC	SM6CVX	JL1UXH
	OZ3PZ	W3LPL	K2PLF*	SP2FAX	K3WC
345			K3KO*	UA4HBW	N4JF
HA0DU	340	336	K4XO	W1YY	N8JV
OH1XX	AA1V	AA6YQ	N4XM	W5BPT	N9IW
W9ZR	DJ2BW*	G4BWP	N8DJX	WB9Z	OE3GCU
	DJ9KG	JA1WPX	OE6IMD		OK1MP
344	JA4DND	JA2JPA	SM5AQD	331	PY2BW
JA2VPO	JH4IFF	K1ST	SP3EPK	DJ9HX	SP3E
OZ1BTE	K4UTE	K2FF	UA6A	F6DAY	YU1FW
OZ1LO	K9QVB*	K4HGX	W4PK	HB9BGV	
PY2XB	N0AT	K5NA*		I4AVG	329
SM0AJU	NN4T	K5RK	333	IK8HJC	AA7A
VE1YX	PA3FQA	N3XX	EA6SX	JA1HGY	EI7BA
W3YX	SP5CJQ	VE3XN	F6EXV	JA2KVD	HB9BZA
	VE3EJ	W0BV	G0JHC	K0IEA	I4MKN
343		W2LO	JA0EOK	LZ2DF	IK5HHA
K3FN	339	W2YC	JH4UYB	PY5HOT	IK6DLK
K4PI	EA8AK	W9IXX	JQ3DUE	UT5UGR	IT9DAA
N4MM	IK1GPG		JR3IIR	UT7QF	IV3JVJ
VA3DX	JA1UQP	335	K6YRA	W4DKS	JA2JW
W3UR	N4CH	AG9S	N4AH	W5OZI	JA7KY
	N8DX	JA4LKB	PY2SP	W8UVZ	JE2URF
342	SM3GSK	JA5AUC	R7LV	W9RPM	K0EU
DF3CB		K8SIX	SM5CEU	WB6RSE	K4ZYU
JR2KDN		N0XA	WD5COV		LA5IIA

N5AW	I4EWH	323	JR3OEH	R5AJ	UA3DPM
NJ6P	JA1SJV	DK9KX	K2UO	SV1FJA	W7MO
NO8D	JA7MSQ	EA3GP	K2VV	UA3AP	W9ILY
NR1R	JH1TWT	JA9APS	N3NT	W5WT	YO3APJ
OZ1CTK	LU2NI	JF1KKV	NK1K		YO7LCB
SP7GAQ	N4JJ*	JH2FXK	OE6MDF	318	
W0DJC	N7RT	JR3GWZ	OE8RT	A45XR	315
	RA3CQ	K8PT	OH2BLD	AA4HP	9H1SP
328	RU3FM	KF0QR	ON4IQ	AD5A	AB6QM
AA1ON	RZ3AM	N5TY	OZ1AXG	DJ4AX	G3VKW
AA5AU	SP6M	SM4DHF	SM6DHU	DL6KR	HB0CC
DL7MAE	SV1RK	SM6CMU	UT7UJ	EA1YO	IK4DRR
G4OBK	W8DCH	SP1S	W3GH*	G4PWA	JA8RJE
GM3POI	WJ4T*	VE2TZT	W3NO	JI2KXK	JR2BJE
IZ5EKV	YO9HP		W8GC	K2TE	JR7VHZ
JA0UUA		322	W8OI	K4IQJ	KE9L
JA6BZI	325	CT1BH		K5DU	N5OK
JH1GZE	CT1APE	EA5BY	320	K9IR	OE3EVA
JI4POR	CT1IUA	G0DQS	DF2RG	K9YY	ON4AOI
K1HTV	EU7A	HB9DHK	G3TXF	LA2PA	ON4IZ
K4CN	JA2FJP	IK4GME	I2EOW	PY5EW	PY2NQ
K4MWB	JA5WIZ	JF3KON	IK5PWQ	R3VA	SM3VAC
K4QL	JS2LHI	JH0INP	JA3PIS	RA7A	UX1UA
K9CT	K0DEQ	JJ2LPV	JA4FKX	W3KX	
KD5M	K5EK	KU0A	JE2LUN	W4FC	314
NI0G	K9EU	KW9A	JH1IFS		CT4NH
PY5EG	OE2LCM	N1NK	JR2LJO	317	DM5EE
R4GM	SM4EMO	N4DW	K1LD	AA4V	G3NDC
SL0ZG	SP5DIR	N4NX	N4II	EA2IA	JA2AH
SP6CIK	W6RLL	N8RR	N5XZ	IK2YCW	JF1PUW
W5FKX	W9OP	ON4CD	NY0V	IK8YTA	JR4OZR
W5ZN		R7DX	SM5KNV	K2RW	JR9LKE
WA1JMP	324	SV8CS	SP7VC	K6YUI	K1BD
	DL5DSM	UA3AB	UY5ZZ	KA9CFD	K2LS
327	EA5BM	UA4CC	VE3EXY	N2BJ	K4UEE*
DK5WL	I0wdx	VE1DX	W6XA	SP1MGM	K5AQ
DL2OE	I5NPH	W1ECT	W7AO	W6VX	KB0EO
HB9AMO	IZ0AEG	W3LL	YV1DIG	WX4G	KC9ARR
IK4BHO	JA2DPC	W5CIA			KG8P
JI8DGO	JF1WPB	W5TCX	319	316	OE1AZS
N6JV	JF7XKY	WI8A	F5PAC	DL5WW	OE1ZL
PY2YP	K0CA		FK8CP	GM0GAV	SM4DDE
SM2GCQ	K5KC	321	JA1XEC	HB9HFN	SV1DPI
SM5DJZ*	N8BM	AD1C	JE1SYN	JA2JNA	SV1JG
SP8NR	OE8HIK	G4CCZ	JH3CUL	JA8EAT	UA6MF
VE3FF	R3OK	HB9BIN	JI1DHY	K3WA	UT9FJ
W2IRT	SM5CZQ	JA0GJJ	K6AM	K4HB	UX0FF
W4UM	SM6CCO	JA2BDR	K6FG	K8YTO	
W5XX	SP9DWT	JA3AZD	K7NN	KQ8M	313
YO5BRZ	W1RM	JH3VNC	KV7K	LA7HJA	5B4MF
	W9OL	JH4ADV	N4DB	N4QS	AA5AT
326	WB4TDH	JH8RZJ	N4PQX	RV3LO	AB9V
AB4IQ		JJ3PRT	PA3EWP	SP1JRF	DK2NG

JA5IU	EA8AKN	KC6AWX*	JA1XCZ	HK4SAN	JR7WFC
JR1BLX	HK3W	NE1B	JA2ZL	I2MQP*	K8EUR
JS3CTQ	JA1ANR	NI6T	JF2UPM	IZ1LBG	KC7V
K5BG	JA1EOD	NS6C	JN3SAC	JA0DIN	N5DG
K6TA*	K8QM	OZ4O	K8AC	JA1IZZ	N8TR
N8KOL	KX4R	SM5JE*	N7US	JA1LSP	ND0N
SP3CGK	NN4SS	W2JU	N9RS	JA2WYN	NQ1K
W1GL	NU8Z	W7OM	NN4R	K4SE	OE3SGU
ZS6EZ	R9TO		R7FK*	KI0KB	SV2DGH
	RU3QR	306	UY5AA	N9AU	WB0TEV
312	RW3RN	DL1KUR	W5XC	RN3QN	ZL1BYZ
AB3CV	RX3AGD	DL6CNG	W7CT	US5WE	ZL3JT
CT1DKS	UA4LY	G0OIL		WB5JID	
DK1FW	VE7IG*	HA1RB	303	WE9R	297
EA7TV		IK4PLW	DL5EBE		AA5AM
IK2QPR	308	JA0CRI	EA3GHZ	300	AC0A
JA2IVK	DL2CHN	JH1AGU	G3LZQ	AA8CH	DL4CF
K1HT	IK0PEA	JH1NYM	HL3IUA	HB9DDO	DL7BA
N5ORT	JA1GRM	K0KX	IK2RPE	HB9SLO	E73Y
WA2VYA	JA7IC	K2UU	K5WAF	IZ5RVG	HL4CJG
WP4U	JA9TWN	K5XI	K7WP	JA9AA	IK5RUN
YU3AA	JF8QNF	LA7JO	K7ZA	K0KVR	JA1VSL
	JL1RUC	R9FM	K8NVR	K3XA	JE7JDL
311	JR1BAS	W6ENZ	K9RX	K6RO	K2PK
F3SG	K0GY	W9RN	RL3FA	K8GG	K8GI
JA2XYO	K1AR	WB8BPU	RW4NN	K8TL	K8WK
JA4MRL	K4SO	WB9CIF	SM2OAN	K8VFV	KG7H
JA7JWF	K8OM	WD0DAN	SP7HOV	KB1JZU	KT1J
JH4JNG	KN5O		SP7ITB	PA3CSR	PY2VA
JO7WXN	KS1J	305	W1SKU	W6TC	W5AJ
PY2XU	OE1WEU	A65BR	WT8C		
UR0MC	R7NW	DJ4XA	ZS1LS	299	296
YB5QZ	VA5DX	JA5XAE		CT1FMX	AA8OY
	W2QO	JA6WJL	302	DM2DXA	EV1R
310	W9MU	JA9CWJ	DJ5JH	EW2A	K8VC
I3BUI	WA7NB	JR2UBS	DJ9ON	G3SVD	LA8PT
JA6VQA	WA8WV	K0JUH	EA1N	HB9RG	N0RB
JA7QVI	WD9DZV	K6KLY	F5CQ	IK4ADE	PY7DJ
JR6FC	YS1RR	K9ZO	IU7QBB	JA7BWT	RA3QK
K4EM		KG4W	IW1ARB	JH1SJN	SM6BZV
K8FL	307	PA5TT	IZ2AMW	KM4H	SV9COL
LA7AFA	AC4G	RA9CMO	JG3LGD	LA3WAA	UA6YW
LA9AJA	DK2JX	SM3NXS	JG4AKL	N4TL	W9JA
MD0CCE	G0BLB	SV1CNS	SP2BMX	SM6CUK	
N1IBM	I5HOR	UT2UB	W0VX	UA9FAR	295
RL9F	IZ8FFA	W1YM	W4QN	VE3BW	AD6W
SP6HEQ	JA2XW	WA5VGI	W5ADD		DL1DUO
W0YG	JA3GN		W7DO	298	HB9TKS
W4BP	JH1QAX	304	WD4LBR	5B4AHJ	HL2IFR
W8HW	JJ3HGJ	DK5AD		G5LP	IW0SAF
	K2SHZ	EA6VQ	301	HP2AT	K5ZK
309	K3RA	F2JD	AE5E	JA4ITW	K6SIK
DJ5FI	K9MM	HB9DDZ	F4BKV	JL2JVX	KD3CQ

SP8HKT	W6SR	N2NL	JA5BEN	K9NW	279
SV1GYG	WA3AFS	N7TY	JG0CQK	K9SM	HL3GOB
W5LT		R0FA	K1LPS	LA8HGA	JA7LGE
YO2RR	291	UN6T	K1RO	LU4FPZ	JA9IFF
	G0EHO	W6XK	LU8EKC	N7IR	JE8TGI
294	GM0AXY	W9YSX	RA0FF	N7RO	JF2XGF
EA6NB	K5VIP	YB1UUN	UR5EDX	OE8SPW	K1GG
HB9BOI	K6FW	YO2CMI	W3GQ	RA1QD	UN7LZ
HB9CEX	K7ZV		W5VY	S57AT	VE3EK
JA1BPA	KB8VAO	288	W6PJ	W1LW	W3JX
JA1IOA	KP2A	I1EIS	W8AXI	W6BJH	W3OA
JA2VQF	LA5HE	JA1SVP			
JE1DXC	MM0EAX	JR1DUP	285	282	278
JE1GWO	N2TN	K3PA	DL1TRK	GM3YOR	9A4T
JE8CLT	VE3CFK	K4MS	DL2SWN	IZ0RVI	DL5CW
K5MC	W3RJW	K9US	EA3GHQ	K5UO	EA8RR
KZ4V	W6YI	KD0Q	IZ8DFO	NT0V*	F2NH
N0KV	ZS2DL	N4RWG	JA2VMU	RD3AW	I4KDJ
R5DT		N6UK	JK1EXO	SM4CTI	IV3GOW
RU6L	290	SP9JZU	JK1GOK	UA0BA	IW1QN
SV3DCX	AA4A	UA3AGW	K6GXO	W7AL	JA8LRG
W2GG	EC3A	W1EQ	K6PJ		K2UR
	IZ4MJP	W1YIF	OE1WHC	281	K3UL
293	JA1JAT	W2LE	W8AV	9K2OD	K5RT
AA4R	JA1KQX	W2NO	WK7E	AD5Q	KD0PO
CU2AP	JE1LFX	ZS2EZ		EA5OX	VE3CRG
DL1SMA	JE2EHP		284	EI2GLB	VE3DZ
EA3WD	LA2QM	287	EI9FBB	F3AT	W8MHW
IV3YYK	LA5LJA	9M6YBG	JA1WSK	IZ8FDH	ZL4TT
JA2CXF	LU3CQ	AA8LL	JA2FGL	JA1SYY	
JA3RQ	N9FN	HB9BAT	JA3DY*	N2WB	277
JA9GPG	PP1CZ	JA2ATE	JG3SKK	N5GH	EU1KY
JH7RXU	SK3PY	JA3EOP	JH3SIF	W0LS	F5UJK
JM1FHL	SV3AQR	JE2OVG	JN1BMX	W7ZJ	IT9CVO
K4JAF	UN7TW	JH1BAM	K0BBC	W8TN	JA0PE
K9MK	VU2NKS	K0AZ	K0TPP	XE1KK	JA1FQI
N2LM	W2LK	R9SA	OE5BWN		JA3ENN
PY2IQ	W4VIC	RM0F	PY2KP	280	JA8EOT
S55DX	WB9EEE	SM5ARL	SM0CCM	GM3PPE	K1USA
W9AJ	XE2CQ	UN7JX	SM6CTQ	HA5VZ	K2AJY
WA4FFW		W1VT	SP3IBS	IK0HFO	K8UT
	289	W4YCH	W2AY	JA2IYJ	N5LZ
292	AJ6T	W7BEM	W4FQT	JA6TMU	UT7UV
AI9L	DL9TJ	WA6F	W5ODD	JH4ALY	UW2ZM
EA5AT	IW0HQE		W8BBQ	JR6LLN	VU2PTT
G4GIR	JA8EJO	286		K4WNW	W3BW
G8DX	JA9FAI	4Z4DX	283	LZ2JE	WF2S
IZ3ETU	JE2LPC	AB5A	HB9CQK	PY2DS	WT4Q
K7ZD	JG1WSC	CT3HF	JA1RTX	SM5CZK	
N8II	K4XD	DL2VPO	JG3FEA	W8LGJ	276
R6AF	K6ND	IK0XBX	JL1XMN	ZS4TX	DK3WW
SP5IWA	KK0M	IZ8XQC	K3WW		HB9LCW
SV2AEL	LB8DC	JA1QXC	K5DHY		IZ5BAM

JA7FWR	RW7M	K9JF	266	W3ACO	N6MZ
JA7LMZ	UR5WA	N4QQ	7K1PTT	WA4LOX	N7BT
N5MOA	W4HG	PU2POP	IZ8VYU	WB2GAI	NN4X
ON4CAS	W8RLS	VE6LB	JH1HHC		NX0I
RX4HZ	WA9PIE	W8HC	JJ1TKN	262	SK7AX
SM0NJO		WL7E	K8AJS	CU3EJ	TG9NX
SM5CLE	272		K8ROX	I5REA	WA0MHJ
VE1JBC	AF9H	269	KQ4AV	JA8BAR	WA5LFD
VK3HJ	CT1FCX	IK8EPC	PZ5RA	JF1NZW	
W1ZT	CT1GFK	IZ3ENH	RA4CA	K8AV	259
W5GO	E72A	JA1OVF	WB3LHD	KF2DT	4F2KWT
W9FR	HA9PP	JA1VLK		LA9FFA	AA9A
	IK5PWN	JE3ENP	265	ON5UE	DJ8NT
275	JA9FPI	JP1NWZ	G3WPH	W0FLS	EW1BA
EA1AF	K3FRK	K0KT	JA4FM	W5ZG	I5OYY
HL2WA	K7EG	N4UOZ	JO4CFV	W6NWS	JA8BNP
JA2JRG	K8BL	NK0S	K2CBI	W6RS	K2UFM
K0GD	KI4GE	NW7E	LB2TB	W7LGG	K6IPM
N2JJ	LA3MHA	OM4EX	N5KM	W7QDM	NI3P
N7KA	OE5FIN	SM5FWW	N9JV	W9PZT	PY5CC
N8PW	PA0ZH	W1MK	W7MEM	WA3GFM	SM4AZQ
PA7RA	SV1ACK	W4MAY	WA3C	WB8ART	W2FV
W4OX	SV9AHZ	YB1AR	WB2BIN	ZS6NJ	W7AH
W9MJ	W1YRC				W8KEN
WO7R	W2OO	268	264	261	WA1S
	W3AP	F5PBM	4Z1UF	IZ8IEV	
274	WN6W	JA1NWD	DF2GH	JA2XCR	258
AJ9C		JK1TCV	EA1KP	JH3KAI	DK7YY
DL6JZ	271	K1DG	F6DBX	K2FW	HB9IQB
EW1KP	4X1RU	K1MAA*	HK1MW	K2KA	JA9AGN
IK0AGU	AA8R	K9MBQ	JA8DNV	K7LJ	JH1BNC
IW0HOU	I1FQH	KD4W	JA8ZO	NK4L	KH2L
JH1IAQ	IK2DZN	N2AJ	JR4LNG	OH1ZK	N4JQQ
K1DT	IZ8EJB	N5JB	KA1ERL	SM7CQY	OH4UI
K3PT	JA0DET	N6TA	LA0FA	W0GG	SA0AQQT
K6UM	JE6TSP	NA5DX	N1GC	W4UCK	US0YA
KA8ZPE	JM1HJG	ON6AA	PA7TWO	ZS1A	W1SSN
KJ6P	K3PU	SM5ENX	SV1CQN	ZS6WB	W4LSC*
NA5C	KS3F	SM6BGG	VE6AX		ZL2IFB
OE2GEN	N8LJ	W8QZA/QRP	W5PF	260	
RA5BM	UA3TT	WA1YTW		7M4AOE	257
UA3ECJ			263	AB4SF	AF4HX
W0EWM*	270	267	DK4TP	EA8MT	BA4RF
	CT1EAV	4X6ZK	EA3CJ	EA9IE	CT1FPQ
273	CT3MD	AA4FL	EA4DL	EC1AIJ	DJ0UT
JA1XPQ	DK8MCT	JF2WGN	HA7UW	EI8IU	EA7SG
JA2TBS	DS1JFY	JG8FWH	JA7XBG	FG5FR	EB3CW
JA6BEE	EA1KY	JI3CJP	JR8AMF	IV3VBM	HB9RYZ
JH3GCN	EA6ET	KB1EFS	K1KO	JA1KPH	IK2PZC
K5PS	F9XL	R8TX	K8FH	JA2FBC	IK4AUY
N4IG	JN1RQV	SM5BMB	KN6KI	JH3FUK	IK8VRH
N8SNM	K0BJ	SM5FUG	N1RR	K8YSE	JJ1DWT
OZ1ACB	K7UA	W1KSZ	W2OIB	LY1G	OH1JP

RU1AB	253	W8JRK	VE3YV	243	JA1DM
SV1VS	CT1BWU		W2GW	CT1FUH	JA2FSM
W8MET	CU2DX	250	W8IQ	CT3KN	JE1HRC
W8MJ	DS5ACV	CT1DOF	WS5W	DS5TOS	JR1WCT
	G3UAS	EI6FR		G4XRV	KF0LA
256	HB9DHG	EI9JF	246	JA2EPW	N0ABA
BH4QYX	JA6GPR	HA7TM	IV3KFB	JA7BEW	UX5UO
EC1A	JA6IVR	JA8CJY	JA1VRU	JF1LMB	W0SZ
FG8OJ	JE2RDO	JL1MWI	JA2QXP	K4ZO	W8IW
IK4HPU	K6MKF	JR0EQQ	JA7HRM	K8ME	
JA0KJE	K8DV	KQ3F	K1FEV	LA9VFA	239
JH1RGG	KE1F	N1SV	K4KAY	N1API	6K5YIA
JH4GJR	N6PSE	OZ4VW	K6BV	N4QWZ	DJ9RR
JM1GHT	N7XR	PA0JSE	K9YC	NV9L	IK0UTM
JM2RUV	NF1G	PY2FN	N2DPF	SV1FP	IZ1JMN
K0TT	UA0FO	UN3G	N3KN	W1BR	IZ2FOS
K5VWW	WF4U	W7HPW	W1KMA	W8OP	JA7KE
M0TTB	YB0COU	W7IU	W3FI		K2XF
N9ISN			W3ICM	242	N8SHZ
W9HBH	252	249	W5ZO	DH2PC	WB7B
	DL7UPN	IZ4DPV		HL3AMO	
255	G3KWK	IZ8GGF	245	JA4ZA	238
AI6Z	G3NKC	JA8FFM	AK5X	JH1WJR	EA1JO
IV3TMM	JA1BNW	K7XB	JH7BKN	JH4ADK	HB9MFM
JA9NLE	JA8UIV	K9NR	JR3UIC	JR1MLU	JE2VLG
JE2DZC	JF3PNQ	N6HC	N0AH	K1CA	JF0JYR
JH4HMG	JH1ACA	N8OC	N5BO	K4PB	JG1OGM
JK1OPL	JH4CBM	NA5Q	NZ3O	K7FEL	JH3FHQ
K1UU	JL1BYZ	NU1B	S55ZZ	N2NS	K9OR
K9FN	K1ESE	OZ5NJ	W6DE	N3RC	KA4RRU
KR4F	KI1U	SM4OLL	W9JJB	N6HY	KF7F
N1RK	LA5YJ	UN3GX	YB0NFL	OM8FR	M0CSD
N3VA	NT5V	W1OPD		SV1IW	N4PJ
ND4X	SM7IUN	W9RC	244		N9UA
VR2XMT	W2ZI	XE2D	EA5RD	241	W4KA
XE1MEX	W7CA		HB9BUN	AB5C	WA4QMQ
	WS9V	248	HL2KV	IS0AFM	WA6JA
254		HB9DOT	JA1CZI	IZ8FWN	WB0TVY
BA7IO	251	HL4GAV	JA4VLK	JF2VAX	WQ6Q
CT1BWW	9A4W	JJ1SKG	K0KG	JI6IHG	
DL1HRN	AA6AA	N4XP	K1EFI	JP1IOF	237
E72U	DL2RTL	OZ1LCG	K1PL	K4RG	CT1BOY
JA3VPA	F1ICS	PY2MC	K1YR	K7KB	G0VXE
JA3WLN	JA5BGA	VE3YF	K4JJW	KV1E	IW3GJF
JH1VUO	K1SM	W5JAY	K6EID	N6KZ	IZ5YHD
K3SEW	K4VIG		K8RRT	W3ABT	JA0LXP
KI5BLU	K8CW	247	LA6UL	W5DNT	JH1DGQ
N4LR	N4SC	EA3EQT	N1EN	W5QM	K1RV
UA3O	N5UL	HL3DE	OE3HWC	W9EWZ	K2NV
W7YAQ	W1KDA	K3VAT	W4REX		K8YYY
WA0RVK	W2JLK	KM1D	W5PJR	240	N4HID
	W4SK	N6RV	WA3F	7K1CPT	SM0MPV
	W5GAI	N7DED		GU0SUP	VU2CPL

W2XI	HS1NGR	W2/CT1GIF	228	225	K6IPV
W8UN	IK0LNN	W2YR	AF5CC	DK5RL	KG9Z
WA0ROI	JA1EMQ	W3FOX	F5LIW	DS5DNO	KI6CG
WB8B	JA8XQI	W6CYX	GW4TSG	EU1M	KW4V
WB8ZRL	JK1BSM	W9ZCL	JF1RYU	JA3QOS	N1NU
XE1RBV	K4MF	WV6E	JH1ERJ	JH1UBK	N4ENE
YO3JF	KE5FXE		JH2PWY	JH8NQV	VE7TK
	KE8UM	231	JR7GBL	K0DD	W0RX
236	N4HB	AD5WB	K5FZ	K0OK	W4PNY
FG4NO	N4OA	G3KMQ	KS4S	K1JIU	W7IB
HB9ZS	ND4V	HL2ZN	N6PM	K5YU	
HL2CFY	NV4B	I0JBL	RA3QUA	K6EME	222
JA1HOM	S51NM	IW7DVM	W9FI	KA8SYV	AA0MZ
JA1JYE	W3WST	JA1MZL	WB8K	KB1DMX	DJ9SO
JA3KNN	WA4CEM	JF2WXS	WV4TN	MU0FAL	DL5XL
JK1UNZ	WA4JQS	JH0AWC		N9SF	E77S
JN1NOP	WA5UA	KD6UO	227	SM3LGO	F6ECI
K1ACL		NA4EA	DL2RUM	W3MR	IZ7AUH
KM3J	233	SM7NDX	G3VPW	W5GZ	JA9NFO
KM6HB	AA9GR	W0JM	HL2EIZ	W5TFW	JM1VRW
N4GN	CU3EQ	W0QQ	I0MWI	W8UV	K2AT
N6IE	EA4DEI	W4UDH	IK8UHA	YO9FNP	KJ7TEA
OE2BZL	JA4HAW	W6RW	JA0DWY		N2SQW
PA0TCA	K8BN		K1GE	224	OZ7FOC
SV1HEP	K8EAB	230	K1KA	DK3PZ	RA4P
W0HBH	KJ7M	DK6OR	K5GH	EA7QW	W6AER
W2TB	N2NW	F6HLC	N4IQ	JA3FHL	
W4GIW	N9BX	G3LUW	N6OJ	JA8NFV	221
W9OO	NE3F	JI1VVB	NF4A	JK1WSH	E21EIC
WY6N	PY5IP	KB9DAK	W2DXE	JO1LVZ	EA2AAZ
YB2TX	SM0XBI	N0RN	W5SL	K1CBK	HI8RD
	W2NRA	W5DM	W6DR	N3RW	JI1NJC
235	W6YOO	W8WVM	W8GNM	N7WO	JR7FRW
EU1U	WB2KSK	W9YE	WA2USA	OE3KLU	K4JC
HC1BI	WD8PKF	WB2NPY	WA8MCD	PE1L	K5DV
JA1DDZ	ZL4AS		WA9GON	RW4CY	KK9H
JE1IBI		229	YL2KF	SM7BHH	KU4XO
K0VSH	232	AA3LX		SP6AXW	RU0SN
K4QE	DL9FCY	AE0P	226	VE3SKX	W4DEE
K5CWR	EA1RT	AJ8MH	DM2RM	WC3W	
K8ZM	JA3BXF	IK2GAJ	HA5PT	WN6K	220
N2FF	JA5NPV	JA2OLJ	I0OSI		AA6RR
NW4M	JA6CBG	JE1VTZ	IK7FPV	223	DL4DW
TA1CM	JH1APK	JK1VXE	K1XV	AC9EM	EA5DFV
W7YW	JH6DUL	K0HD	K2BA	AC9O	EI9FVB
WB8CQV	K4ST	K2SN	KH6M	AF2C	K4EU
	K5FNQ	K3FM	KK4OK	EA7DUD	K4MIJ
234	KF7PG	K4CMS	KX2A	I8MTQ	K5MT
AA7G	NY2NY	KD1F	N2KX	IK2RZP	K6MM
DF7EE	OZ1IKY	KI4DLS	N5ET	IZ8MBW	K7AWB
DK2CC	RK4FD	N4NW	N6BM	JA1IAZ	KZ9DX
HB9BYQ	RQ3A	W1WC	VK4CAG	JH1DGJ	NA5Z
HB9JOE	SP6JIU	WA1PMA		JR1VAY	ON4ATW

PA3BWD	216	214	VR2XLN	JF1WLK	W8BLA
SM0DSF	CX2CC	EA5AR	WA3I	JF2OZH	W8FIB
SP6A	DJ3XG	F4GVO		JH2V VH	WA4MME
UR4IOR	EA5B	I5XFD	210	K9FZ*	WW8W
XE2X	G4VMX	K0QQ	JF6XQJ	KE1VT	XE1J
	HB9CXZ	K2AZ	JR2PZX	KK2M	
219	HB9DQV	KB6CIO	KD4SN	KV4T	204
AG1A	IZ0NRG	VK3BDX	KD8RQE	M0IKW	EA2AFV
F5JSD	IZ1JLG	W0KCJ	KE4UW	N9AKR	HB9DVO
HL5BMX	JA1FJJ	W9MO	PY2WC	OE1JIS	JE2EBT
JA6AVT	JA2VHO	WB6BFG	S54A	ON4ANN	JH1OBS
K5JZ	K3NQ		VE7BV	RD9M	JJ6DGP
K9ZM	K7LV	213	W5THT	SP7ICE	JR0QFA
KG6I	KK4OW	9A1AD	W5WP	TF3DC	JS6TWW
KI7AO	KR4W	AG3V	W7FP	VK2CA	KB5HC
N1KC	NC4RB	DK3UA		W4GE	KM9E
N6DX	PS8ACL	DS3HWS	209	W7NN	KV4AA
NA9RB	W0SR	IK1IYU	7J1ADJ	W9QO	KW4CQ
W6GRV	WB3D	IV3FFI	AH0U	YB0MWM	LB5WB
WB0O	WS1L	JA0EVI	K0VM	ZS1J	LB6KC
WB4KTF		JA1FVS	K5ALQ		W4GP
	215	JA3NHL	KB4MRX	206	W7IV
218	9H1EJ	JN7DOS	N0ODK	3A2MW	XE1L
DL2NOM	AA7XT	JR1EFG	N6PEQ	HB9CRV	
DL4NBE	G4FKA	K2RU	NE6I	IZ4DIW	203
DS4AOW	IZ0BVU	K4JWA	PU1KGG	JF1IRW	F5NBX
I7PXV	JA4CZM	K9GA	SM5BNK	JH0BQX	HB9EFK
JF1MTV	JE1PNX	LA5SJA	W3BJ	JN1NBU	IK2RG T
JJ1QUV	JE2UFF	N8GP	W6DCK	K0MN*	IZ0BT V
K1NTR	JH0OXS	NA2M	W8HMK	K8NK	JA7JP Z
K3EA	JH5HDA	VK3FM	WB0ULX	KF9UG	JH8NBJ
K9JU	JT1BV	W2KA		KK5OQ	JJ1BMB
KE3D	K2XB*	W8WEJ	208	KK9T	K0CS
N4JT	KF4NEF		DL8SDC	N4TOL	K4JKB
TZ4AM	KR6C	212	JA1OVD	N8BJQ	K9OW
VU2CDP	KX4TT	DJ3AS	JA1PBV	NA9Q	KA1DJ
W8CZN	N8NN	G4ZOY	JH0NOS	W9DX	KM7R
W9KVR	N9AOL	JA1BWA	JR3VMJ	WA3WZR	N3PS
WA2NPD	NH6T/W4	JH3GFA	K0THN	WA6G	N4TV
WC4H	RN9N	KU4BP	K2PF*		N6PAT
	V51B	PY2RO	K4CGY	205	SV1FKZ
217	VK3NX	SM5AOG	K4WES	CU3AN	WA3FRP
AB4UF	W0FG	SP5LKJ	K5RJ	DL4LAM	
DH0GSU	W0TT	W5DAW	KS4YT	DL6UNF	202
JA2NNF	W1JGS	W5GA	NW6S	HB9BNQ	AA9RR
JA7ZP	W2PP	WK4Y*	OH7TV	JA4DHN	IK5BOH/2
JG5RVQ	W4IS		W5FPT	K3WW T	JR4LZX
K2HAT	W6SL	211	W6WF	K4YYL	K1NJ
KB5UNX	W7JY*	JA3LDH	WX2U	KE6V	K6ZZ
N6QI	WE1P	JJ1KZZ		N9KW	K9TF
OZ0J	WE4S	KD2T	207	OH2IS	K9WX
SV8DOU	WV9L	KT2C	9K2BM	UN9L	N8WD
W0TM	ZL2AL	N1BY	G8AJM	W7HR	NA2AA

NU1O	198	JA7QQQ	K6XN	K6JAT*	WB5NHL
W1AW	DJ0MCH	JL3OUW	K9SG	K6UXO	WC2K
W1DYJ	IV3BSF	K4KEW	KE0A	KY5I	
W3NS	K0GW	KE4S	KJ4UZU	RM3DA	184
W4RDX	KA1J	N3XM	KJ4YLO	RN3CT	AD6ZJ
W7TUS	KC6JAM	OH6NIO	N4XYZ	SM4BZH	DS4GKF
W7VY	N4FN	SQ7FPH	N9JR	W6DPD	EA5RU
W8LMG	N6ZN	UR5FEO	UR3EO	W6KK	HP2NG
WE2N	RA3BL	W3SB	VA2IG	XE1FAS	IK0HBN
	W6SHY	W9LN	WY1G		IK0WRB
201	WA2VQV		YB1TQL	188	IT9ODQ
AA8SW	YL2TW	194		EA7AN	JH1FVE
GI4OWA	YV5LI	A65BD	191	JA0GCI	K3JM
JH1IED		HB9ESS	AA4NC	JK1AJX	KZ1W
K0MFI	197	HB9VAB	DG5LAC	JP1GUW	M0HIH
K4YJ	4X4MF	IT9AAI	DL4FAP	JR0AMD	NW7M
KK1W	BA4TB	JH1OCC	HA5CW	K1JD	SM2EJE
PY2GG	EA1DLU	JH8UQJ	K1RI	K2DC	UN7BY
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W9IL	JJ2WOC	KP3AH	N4DWK		W7IUO
	K8SIA	KR8T	N7MQ	187	WB2HJV
200	KI4WCQ	NJ3K	OZ7DN	IK8GJR	WB3BFC
AJ4A	NG7M	NJ7G	VR2CH	JH7NTW	WB5STU
DF3EC	W1FA	SP6EIY	W5LO	W5ZE	YB1RUS
HB9AGO	W4DAO	W4DC	WF1H	W8UQ	
HB9II0	W4HZ	W5UHQ	WI8R		183
IZ8EKL	WQ5R	W5VQ		186	JA2KSP
JA0KJD	XE1H	W7PAQ	190	AA4LR	JE4CIL
JA3EY		WA1NXC	AA4U	G4XEE	K3SF
JE2KSM	196	WW2DX	BV1EK	JA2MNB	K6LRN
N1IA	AD8P*	ZS2Y	DJ9KV	K5QX	LU4FW
N4TD	AG5W		EC7B	KC6X	NA2U
N7ELL	CT3CD	193	G3WW	KK0DX	YB2TS
PY3VB	G7SSE	7L4VYK	HL4CCM	N6MXU	
VK6LC	I7LGM	AE4CW	IZ0GYP	N6VNI	182
W5RF	I8YAV	DH3KM	JA2ITK	NU4B	I5FLN
	JA1XRA	I1YDT	JH8KFE	W8RV	I8LWL
199	JH1OGT	IZ5MOQ	JI2UDK	WA5IPS	JA7FAS
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AC0X	N3QE	JA1QIW	K8ZT/QRP	WZ4RC	JI1CQA
AD4AA	NA9A	KB2FCV	KD0AA		K1DJ
JH0RVY	RC2A	KM1C	N3AIU	185	K7LAZ
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K4SX	SP5MXZ	SM5ELV	W9ROG	K3PP	KK8MM
K4VNY	W1MJB	W8NN	WB4GLI	KE5BR	KL7TC
MU0GSY	W6HYI		ZS1DX	KU8X	LA5LT
N2RR	WA0WWW	192		N4HN	N8NA
PB9FN		F6FYD	189	UN7BK	N8NB
V51YJ	195	IZ7GIT	HI3T	VA7ZT	ND3L
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W9RXJ	IZ5FSA	K2TER	JA1SGU	W4WN	VK5GR
	JA2NDQ	K5IB	JG1SWM	W6RKC	VU3CAU

W6SFK	178	W9WO	WY7FD	LA2GH	167
WV2I	EA8AXT	WA3GNW		N4VN	JA3AVO
WV8DX	G4DDL		172	N5PA	JA8BOV
	IW0BYL	175	EI1DG	N6EM	KB8NTY
181	JA3UNA	AG5CN	G3SBP	N8VV	KE3X
IZ4AIB	JI1WLL	JA0LFV	JA7FVA	NX4TT	KH6XT
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KY6R	K1ZE	KD4POJ	LZ1XL	VE2YG	N7VPN
N6NU	K4GO	KF6HI	N2ZA	W0OGH	PY2SEX
N6VS	KR2Q	LZ2ZG	N3AO	WA4USA	WA0SXV
N8HRZ	KU1T	N7NG	NZ5O		WA5NFC
NV4A	VU2LBW	NC2Y	OH2LHE	169	WB8BZK
OH3OJ	W7HUY	NS3L	SP5ES	DM3CW	
SV8CKM	WB6AXD	UA1OM	WC0W	JE1PHH	166
UA9AEU		UA9AGX	YB4IR	K3VAR	AL7R
VU2IBI	177	XE1R		K4WY	DL1SVA
W2OR	4X6UU	YB0DJ	171	K9OT	HL4XM
W6TK	IU0ICA		AD3C	KF9AF	JE3PCP
	JA3EEM	174	CT2GZE	KI2D	JJ1BDX
180	JE4RAL	AG7N	DL5MM	N5MT	JR6GHN
A61BK	JF1LZQ	DF8FT	F9CI	RD3BD	KN4FO
AA4AK	JG3KLF	DL5KUA	IK3GBG	SM7WVZ	KR4BD
G1VDP	K0EOO	JK7LXU	JM1SY	SV1IZY	LA7EIA
JH1IZR	K3OX	JR3TOE	JS6QOM	W0AIH*	SV2CLJ
K0IL	K8YE	K5CR	K2MK	W7IAN*	W4PGC
K2SD	KF4VTT	K9HQM	K2TV	W7VAS	W8SAX
K5TN	KP3V*	K9UQN	K6ZP	WA4NUF	WA1ZIC
K8SL	NA6MG	KZ5DX	KB0V		WB3JFS
NA5S	SM5CBM	LA6OP	KC5LK	168	YO3AIS
VK2HV	VK2AAH	N4PYI	KP4DKE	A92IO	ZS6IR
VR2XYL	W0IKD	N5QS	KW9U	AA5N	
W1LE	W1AO	VU2DCC	N8WRL	AG4Q	165
W4DSM	W1OP	W5WI	NA6O	EA5HM	AG6HE
W5SUM	W4KVS	WA4BIM	NW7US	EW1P	CU3HN
	YB1TJ	WB0N	NY1V	JH1ORA	IK0XIH
179		WQ5T	W0MU	JP1LRT	JE4WOK
AF6PK	176		WA4DOU	K1VI	JF1KML
DL5MHQ	DL6NW	173	WA5KBH	K2SY	JK1DDG
K3NF	IK0CHU	AB6CF	WI7P	K4KGG	K2AX
K4WZ	JA1ERB	AI9U		KF0RQ	K3VPZ
KE5TD	JR1FHP	HB9FBG	170	KM4VI	KG4CUY
KJ6NZ	K5DCW	HB9HVG	4X6KJ	LU8ADX	LA2XPA
KZ2R	KK7YC	K5ZQ	DL2JIM	LX1CW	N2RJ
N3KV	KT8D	K6UNE	EI5KO	N4ST	N3KS
N3ME*	N1JP	K8JE	EI6AL	N6MB	N6DHZ
N4MIK	N2MEE	LA9VBA	JA1BON	OE1ALW	RA0BA
SP5ELW	OZ9XU	N7HN	JA1GVT	PP7LL	SP7QHR
W0ZS	VE1VOX	N9DR	JQ1YIW	R4FAN	VK3TC
W4CCS	W0PE	NN5E	K1ZJA	VE3YXO	WB2WPM
W4TUN	W4AEJ	NX2X	K6JJ	WX0Z	WB9PNU
	W4LEW	OV5O	K7CU		
	W7WZ	SM0EUI	K7PT		

164	DS3EXX	W9NIO*	N6MM	JH7WQX	ON4LG
AC4BT	EA2AGV	ZS6RJ	NP3CW	JK1BIB	R9JX
CT3DL	HS8KAY	159	PY1NS	JL1GYZ	W6RFF
DL7JRD	JR4CZM		W4NBS	JR3HQ	W8FN
EI6IZ	KA1API	EA1P	WD8KND	NE5W	WA6EZV
IZ0GVZ	N4BAF	F4DSE		SM0BYD	WA9IVH
JJ1JMZ	WA7BNG	IK0WMJ	156	SV1XV	YV4DYJ
K6CF		JA0ED	DK8IZ	W4CIR	
K6GFJ	161	JA3PRM	EA3HPX	W6FL	151
KD8MQY	AE4M	JK1EBA	F1RAF	W8TM	AA4UC
LB7ZG	HL3ERJ	JK1JAS	G4AYU	WA9MAG	AB2E
N2XQM	JP7FSO	K0IO	GM0VRP	WN7J	DL4KUG
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PT7DX	K2CYS	LA4JGA	JA2ODB	153	JA2BUR
S50B	K2OP	LA8ZAA	JA9RT	HB9BEM	JH2NWP
W6SIY	K4AR	N1MD	JH2AJY	JA3UOQ	K4DET
WA5CMI*	KD1AB	NE5S	K1ROA	JA4FKO	K7LAY
XE1YD	KM4A	OT1A	KA9OKH	JR7MAZ	K9AAA
	N7QT	VA3NXM	KC4HN	K0COM	KE4BKL
163	N9LEO	W1EBM	N4QM	K0LB	KE8G
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AI4QQ	SM3PHM	ZS6C*	W1MR	K8ROK	N4AA*
DS4NPL	W5BK		W5JMW	K9MMS	N7MB
EA1AZ	W5RDW	158	WA6QGH	K9YZ	NU4I
F4CPF	W6DOE	9J2BS	WB4YDL	KK4XL	SM0NUE
HA5BSW	W9GG	G4SGX	ZL3RJ	N0VVV	VA3EJN
IU8IYE	YB2DX	HK3PJ		N2ZZ	VA3HP
JA7DPC		IK3DVY	155	N7JB	W3HER
JR6LDE	160	JH3EQP	DK3QM	N7NW	W5WLA
K0ABC	AC0DQ	JJ1KXB	IV3TDM	N7WI	W6WA
K0CF	E70T	K3DFL	JR3ADB	NC7B	WC2C
K4GN	EA1WH	K4HQK	K2DF	NK7C	WF8R
K4MV	F4WDL	K8GWU	K4EZY	OH3FVP	
KE1B	HL1VAU	KB2XJ	KL0S	SP5NON	150
KW4MM	JA1ITJ	KF7NN	KQ4EE	W4DTA	4O3A
LA1CO	JA1UOA	KJ7NO	M0IFT	W8VK	DK3BK
N0AMI	JA7JM	N4XMX	N7WS	WB4SON	DK3FB
N7KDT	JR1CAD	W2CG	NO9E		HB9EBM
R3IS	K5VR	W8LIG	OE1HHB	152	HB9MXY
SM7CZL	K7LY	WB2RAJ	TF3JB	5P5Q	IT9ABN
VA2LC	KC9K	WT2P	UT7EC	AC6BW	IT9IPQ
W1OK	KF2OG		W5SV	BX5AA	IZ2MHT
W1XV	KM4NS	157	YB1AYO	DF2WF	JA6SUY
W8MIL	N0IW	7N3IJT		DU1KT	JA7GZM
YO3DDZ	N4MEC	AA3AZ	154	G4AFJ	JG1GJH
YO3IPR	N5WA	E20YLM	AJ8B	IK5BSC	JG3RWX
YO4AUL	N8IL	EI2JD	DS5WQT	JG2LGM	K1QN
	NI5F	JA3MHA	I4UUL	K2EK	K5HK
162	W1ASB	JM1ESG	JA0GZZ	K4RDU	K9RT
BH4IGO	W1TO	KN7Y	JA4HXF	KD2OV	KI7M
DF2UA	W3ML	KW1DX	JA8ANQ	KE9S	N6JOJ
DJ7JC	W9FF	N4MI	JH1AQN	KW4J	N9IO

VR2MY	IS0/YO3RA	PT2ADM	JH6PFY	WB1ASL	G3PSM
W3KB	JJ0LZQ	W2RS*	JI1UHZ	WB8EKG	HL1MKT
W4NE	JK1OTP	W7NP	K0SRL	YB3MM	JA4DNC
W8QXR	JL6USD	WA9JWL	K3GT		JF2RSF
ZS1C	K0PC	WB9B	K4SAF	139	JF3VEC
	K3GGN	WR7Q	K6TAR	AA4DD	JH1SBE
149	K4NT0		KA6BIM	F5VML	JQ1PCX
7N2JZT	K5UZ	144	LA1J	HB9ARK	K0KV
DS4DRE	KB7QFE	AD0TR	NF7D	HB9DTE	K2CDJ
ER0FEO	KB9LIE	DL6DCD	NN9X	HL4CBX	K2RKJ
JA7MAD	N8JS	G4FTC	RL3BZ	JE3OUW	K4AU
JS6SCC	SV8RX	GM0VIT	YO8CRU	K0QB	K6EGF
K2KIB	W0QC	JL3DGI		K2HT	K6IRA
K8SMC*	W3NRJ	K1TKL	141	K4TXJ	K8MRT
K9EXY	W9GM	N5UE	7K3QPL	K9QJ	KP4N
KM2E		NZ0O	9H1AE	K9TRV	N2KI
KP4DS	146	RN0C	AB4GE	KX4I	N4KM
N0LGU*	AE5B	UY2UZ	AC9S	N0CKC	N7VZ
N0STL	G3LAS*		EI3ISB	N2SG	N9NFT
NE0U	HB9HHH	143	HB9EXQ	N5FEE	NG9J
NO0B	HP3TA	AA4MM	IZ0FUW	N7NF	NH6L
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RT0F	K6NR	EA4D	JR3PKO	WB8QZM	OZ1HPS
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WA1EHK	K8POM	J68HZ	K2JK		SM5CSS
	KB9AIT	JA1MOD	K5CD	138	SP3EPG
148	KD3HN	JE3FOR	K9AAN	DL5KUT	TA1AL
4F3BZ	KM2O	JH1BHW	K9AQ	DL5ZB	W2GGY
A71AM	N6RK	JR7ILA	KA5VFU	G0FWX	W2NY
JA4GXS	SM3DXC	K7QBO	KC1ERO	HB9DVZ	W4UEF
JF2AIJ	VU2NXM	K9BQL	N1BCL*	JA0CVC	W5GOL
JI3BFC	WA2MUA	KE4FW	W1NA	JA1PVX	W9CSX
K5EWS	WA3SKQ	KG6D	W6HDG	JA1VRY	W9MR
K5LY	WA5NOM	KJ4R	WK8A	JJ1OKK	WA0WOF
K8ZZU	WW8RT	KM4HQE	WK9U	K2JL	WG0G
KA3GWD	XE2B	KN7K		K2RET	WS1F
KL7TS	YB1BML	LB2TG	140	K2YSY	
LZ1MDU	YO2DFA	N2YBB	AD9DX	K3GW	136
N0TK	ZS6UT	N4UP	EI6JK	K9UWY	CT1ESO
N3ND		N7ZA	EI7GY	KC9G	EA5KA
N9ATF	145	OH3PYY	EI7JZ	KF6A	IS0EBO
NJ6K	5T5PA	TF4M	EW4C	KU9S	K7STO
TF3Y	AA5TL	TG9AJR	HB9GWJ	N3PV	K8CQ*
VE6TL	AL7TC	W4UFO	JG1RYQ	N9XX	K9UO
W4AG	EA4S	W7VS	K0UBR	OD5YA	LA9GX
W9MAK	IW1PUR	WB9W	K6EV	PV8ABC	NT5EE
XE2YWH	JH1CTV		K7VC	W0UHL	ON5GF
	K5FXB	142	LA8PDA	WA5POK	TF3VS
147	K8WHA	AK9B	LZ2HM	WA8LRW	VE3FRR
AB9KZ	KQ5M	DF1IR	NZ9Z*		W0ANZ
EI3CTB	KS0M	DL8DWL	W3DIY	137	W4GH
F6KOP	N6KK	JA0MRW	W5VU	DL2RD	W4PGM
G3VQO	N8TFD	JA1PUK	W9BS	EA7LS	W4PV

W8OM	GM1BSG	GM4KHE	N8BK	K3WGR	JP1GVC
	HB0WR	IK1UGX	N9AVC	K7LFY	K5NOF
135	HK4EB	JE4KCN	NN2D	K9BO	K8YAH*
AB4FH	JE1COB	K2WJ	PY3OG	KF3N	KC2STA
AC7JM	JM1JIV	KA5IAU	SM2YIP	LA2LI	KK5J
AK5Q	K9JDP	KB1HY	VK5CE	N0AB	N5ZC
EI2HY	KG6WIK	NM1G	W4MA	N3GTG	NA7RH
G0THF	KI4TZ	NN6K	W7TG	N4GBK	NN6CH
HZ1GW	LA2IR	OE3JAG	XE1ILI	NA1RL	SM5AFU
JA1DCK	LA9KY	W4EJG		ON5EQ	VK2DAG
JA3MIO	N1BKB	W5EC	128	VE3EDY	W0XE
JA7MWC	OH7HM	W6OUL	A71XX	VU2MSA	W4AO
JH1SOD	VU2ABS		EA1AHA	W0MF	W5CWQ
JJ1HLL	W1GY	130	EI3IO	WB2KSP	W6PG
JL2ULM	W1ITU	AA4QE	EI5JL		WA2BOT
K4OP	W3MF	CT1HHP	HL2DBP	126	WA4TMJ
K5VG	W9SE	DL1SWN	JH1AWJ	CU7AJ	WM4AA
S53MJ	WB9ZNZ	I4JEE	JN4FNZ	EI4HH	WR2G
TA1PB	YB4CHP	IK1ZNM	K6OJ	G3XLF	
W7QHE		JA2LMY	K7PTC	GM7NZI	124
W7SX	132	JH3PRR	K9YKL	IK4TVP	AA5H
WB3AVD	AK3E	JL4BSE	N0JR	JA5CDL	DJ3EJ
WB6FWS	AK6I	K0BX*	PT2ND	JA5XPD	EC4KW
WB9IWN	I8NLC	K2MHE	PU4MMZ	K5KDX	EI8IQ
WO5I	IW5EIJ	KF5WCP	R3BB	K6CW	G4RGK
	IZ0COI	KN4JX	UR9IDX	K7PO	IT9YOZ
134	K4BNF	N2YF	V31CQ	K7YMG	IZ1UKF
AB0RX	K4WM	NS4F	W0QD	K8GT	IZ5BYJ
AB1J	K8OS	NU4Y	W5MF	K9QA	JG3KMT
DL4ZAB	KG8OU	OZ6TL	W6IS	KC5RR	JH1XFR
EA6AZ	KI7HO	RC3FL	W8BI	KK4CB	JM1LPN
IZ8DEO	KK5ID	W1MO	W8WV	N5HC	K0RAR
JA6GXP	KX5U	W6UC	WA4UWD	N5RN	K3SUI
JR0GXA	M3DFW	W9CTJ	WC4V	N8YQX	K6VVK
K3KY	N3TR	WB8RFB	WP4CQ	NX8Y	K7HC
K7FL	N4EDT	YB2IQ	WQ1H	OH3DP	K9ARZ
K7YZO	N4QOG	YO8PS	ZS6AKU	OH4KRN	KB8DID
K9SUH	NN3V			PY2OP	KC4AA
KA9JCP	OZ3SK	129	127	VE3TMG	KD9ZR
KD2SC	SM7DXQ	AD6KQ	7Z1HL	VR2VGM	KS4WA
KN4OK	TF5B	AE7U	AG4TO	W2KNG	N0YO
LB5GI	UW7UA	JA0AVS	DJ5DT	W8VI	N1HO
N6XT	VU3WEW	JA1PLT	DL9GTB	W9COS	N9BVA
ON6ZV	W3KHZ	JA2ACI	G8BCG	XE3E	NT4K
SM3WMU	W4MC	JA3WMS	HK6K		W6ELI
VA3OKG	W5FL	JH1RFM	I2YPY	125	W6ND
W4UAT	WA1HXH	JN1SUT	IK2ULM	AC4XO	WW5L
W5AAJ	ZS1EL	K5SES	JA0BES	DM5JBN	ZL3REX
WB1DX		K7ORK	JE2VYM	EI8GS	
	131	KB4KBS	JG1LRE	G0OSK	123
133	7L2QAD	KJ2U	JH1HRJ	G4EHT	AE5FM
7J1ABD	DM6MA	KO4PRE	JI1MNT	IK8PGE	DJ6OZ
DL8OH	EI5GM	N7TM	K0ARM	JH8FIH	DS4DBF

G6NHU	W0JMP	AE5LK	W5IO	W3LWH	JM1JZN
IK0XKP	W1ES	AI2S	W6ZPL	W4ARK	K8CR
IZ8LMA	W1HEO	CT7ABD	W8EOG	W4DWS	K8RCT
JA0PZJ	W1KKG	CU2CE	W8PAT	W4PG	KB4CRT
JA1GLE	W5HNK	DL9SAD	ZL2AO	WA7HR	KB7V
JA2HOL	W6HB	DS3DNT		WB9WHQ	KG4URP
JH1RVQ	WA5YOM	DS5QLJ	118	YO6HOY	MM1PTT
K2JGL	WA9DU	F5AQB	6K5AQY		N7PIB
K6LPO	XE2MX	IK8IPL	AE1T	116	NA4MM
KB8KIM		IT9JPS	DJ9KM	AA0FT	NE1RD
KD4EE	121	JA0JPD	IZ0RPS	AB4BJ	NI4Y
KI0HA	AD5MD	JA1DCO	IZ1JIZ	AC4VM	NW6V
KM4CQG	DD0VE	JH5OTE	JA6CMQ	EA5GXI	OE5MPL
KO8SCA	EA3NG	JJ1XVA	JM1CMA	EI4BZ	W3HKK
LX2SM	HA2EQD	K9CHP	K9KJS	G8GHD	W4BH
N6DVR	IK6BMU	KC9WPS	KA5JSM	IZ2CSX	W4OV
N8AYY	JA1CPN	KD5R	KB3KJ	JT1CO	W5WS
N9RE	JA1EYN	KJ6Y	KD3UY	K0PX	W7FI
NT9F	JA1WTO	LU3XX	KD9BIE	K2GLS	WS4H
OH3TY	JI5WDC	N1TQP	KG5VK	K4LCP	
ON6YH	K0YL	N3DV	KX6C	K8JRK	114
PY2ADR	K1EDG	N3GS	LZ1XZ	K8MN	G3CWW
SP9IZV	K1LTJ	N4PGL*	N2ADE*	K9GWH	HC1HC
VE3VHH	K3CWF	N4UFP	N3HYB	KB8ZUN	I0BJV
W2WGK	K3HPA	N8IK	N4ZY*	KC1RET	IZ8EYN
W4UT	KB3IFH	NR2D	N8KUS	KD5RBU	JA1CPU
WB8TGY	KG5NP	PP2FN	VR2CC	N0UCR	JA8EIA
YB9WZJ	KK4ODQ	VE3QAA	WA8RCK	N1GFV	JE6PJP
	KU2A	VR2ZXP	WB5TOI	N2ZL	JG4OOU
122	N3ER	VU3RGB	ZS2I	N4KEB	JL3RNZ
AA0BH	N5ZY	W1RG		OE6CLD	K3PL
AA5B	N7TW	W5RYA	117	RW6MBC	KB1W
AB5YI	NA2R	W6GJB	AD7L	SM1NJC	KD2NF
DB4RG	NY4G	WA7HQD	CE3FZ	VK6OZ	KI8AE
F4GTB	OZ6EI	WT5L	DL2VWR	VR2IL	N1AH
G0HSA	TA1L	YB0AZ	F8EZE	VY2RU	N3DD
HC1HN	UA0FDX	ZS6NK	IS0BZR	W3IZ	NA1DX
JA9ALR	W0DD		IZ7QFN	W3MRL	NG8T
JR1HYA	W2ARP	119	JA6SQR	W7KKC	NK5K
K0HQW	W3/NH7C	AA2T	JM3GXU	W7QC*	W0QKL
K0MD	W3JXP	AA4FU	JR1KBJ	WA4VJK	W2ZK
K4VAC	W4CC	F5BAR	K0FF	WX3P	WD0AJG
KA5SYF	W4KCM	HL2MHU	K4AEH		WN0L
KB4ET	W5UQ	JA6JYM	K9LCR	115	XE1EE
KN9N	W7PC	JK1NPH	KB2S	AA9WO	YB2BNN
N1QY	W9MB	K4RM	KB5CSQ	E74A	ZS4JAN
N1ZZ	WB7BBQ	K7LOL	KO4PY	HL4RBR	
N6VH	WQ8T	K8EB	KP4ED	IV3KCB	113
N7UJJ	WT3Q	LU9DO	KZ1X	IW2FLB	AC9GK
N9ATD	WU9D	N8LCU	N8AGU	JA0NPQ	AI5EG
NJ1Q		SV1BYI	VE3FAC	JA1UBZ	AK0A
SV7CUD	120	SV2KF	VE7NY	JH8LEY	EA5DPL
UT9LC	AC4TO	W1ZK	W3DQS	JJ2VLY	F5EOT

F8GB	W1FC	K3MSB	W7CB	EA2BFM	JJ1IRS
G0UII	W1HQ	K4KAL	W8MSP*	EI5GSB	JO4JDU
G4NAQ	W3WN	K4RP	W8PE	G4NBS	K5TU
G4YCS	W4AFB	K5GZR	WT9U	IC8XIL	K6VWE
HB9GZE	W4LLP	K6DJ	WW5RC	JE1CTA	KA9TOX
IU8GNY	WD8LTM	K6SLO		K1FUG	KF9LI
JA4CSJ	WJ1B	K9TVG	108	K2FJ	KI4NSP
JH1GNU	WN1M	KC3AK	7M4CLF	K2ZD	KM8V
K1JKR	ZL3PAH	KV3W	AC8MR	K3GO	KR4U
K2KNB		N4NYY	DB9CR	K4LQ	KT5V
K4JDJ	111	NG0G	DL1TPY	K6DLB	M0PCB
K4JLD	EI9CN	TF8GX	DL2AMD	KA4LBD	N4DJT
K4TR	F8DZY	W1ZZ	DL2NAI	KB0EL	N4LS
KB2TGU	G4ZWY	W5JE	DM5TI	KC2THY	N6UOZ
KC0V	IZ0CKJ	W6TCP	DU1IVT	KF2G	N7MW
KG2U	JA4DLF	W7YED	E70X	KJ4FZ	NG4C
KG4OJT	JA5EEU	W8TE	EA5XV	LU5OM	NI7F
LU3JVO	JE1TNL	YB1SKR	G5CL	N0MHL	NS7K
NA9L	JH3LCU	YO5QAW	G6MXL	N7TP	PT2DF
NS4X	K2KYH	ZS5LEE	IK1RKN	N9AZZ	PY2OC
S52R	K8ZEE		JA2DCN	NC6RJ	UA0ABB
SV2DSJ	K9JIG	109	JE2DOD	NI8Z	VE3BHZ
VA3AYA	KM5VI	AA4RX	JH1OVY	PP5VA	VE3XK
VK7ZE	KM8AM	AC8TO	K3DQB	RM6LW	VU2MB
W3JM	N0ATQ	AF3K	K3XO	SV3EXP	W0BM
W6BBS	N0TR	DL9QJ	K4GHS	TA1CQ	W0LGQ
W7CD	N1BZ	F8DHE	K8LBT	UX5XK	W0TLX
	NT5O	G0MMI	KC8YG	V31MD	W4/KL7GLL
112	PT7CB	JA5GOJ	KE3ZT	W5HY	W7GB
3C3CA	TA2RC	JH4GNE	KI4SFT	W8JA	WA3IIA
7Z1CQ	W2FDM	JI1IZS	KN4WOJ	WB2MKX	WA8Y
DS3EXT	W5GCX	K2OO	KO4XI	WM4W	WS7I
G0DTX	W7WT	K6JAD	KW1X	WU1U	
G3YFE	W8LR	K9JE*	LU2AH	ZP6CW	105
IK4EWN	WB2UFF	KB7DT	N2IFA		AA2F
IS0BQE	WB8PKK	KY6AA	N3YZ	106	AI1W
JA2CPD	WU4B	M0AQM	N5FPW	AB1NS	AJ6V
JA4RED		M0MCV	N5TW	AB6WQ	AP2IA
JF2OHQ	110	N6RVI	NZ6N	AC5AA	DL2DCX
JF3AHI	AC0B	NN8L	TF3MH	AC7DX	DL9GTK
JH0LME	AF8C	NW6R	VE7VV	AC8IL	E29TGW
K0XM	AG5Z	NX1P	W4DVG	DS2GOO	F5VIF
K4HEB	CT7ANG	NZ3M	W6CN	EA3AGY	G3LOJ
K7RAN	DK4MX	NZ7Q	WB5ZAM	EW4DX	HL4GHT
K9KDS	EA1BLA	PF7M	WC4B	F6FHZ	JA1JYS
KH6P	EI9HX	PV8DX	WF7T	G0OJG	JA1SZN
KK7BR	G4VWI	SP7ASZ		G0RPM	JE6UWU
KS0JD	HG6IA	T88UW	107	G3LPS	JH1IY
N1GNB	IZ1EPM	TA1UT	AB7RW	HI7SB	JI1DMH
N8AID	JF3KOA	W3ATV	BG8PA	JA3AOP	JJ2BLV
NK7Z	JH1FRW	W3GP	DJ5FZ	JA5IBP	JK1AKA
NQ4A	JR2PAU	W4JDS	DK2GP	JF7NNI	K0MB
S51DV	JR4DHK	W5SG	E73D	JG1XBM	K1EO

K1ETA	K8CJY	RX3BP	WL7OU	PA3AIN	G8GFF
K2GW	K8WVA	VE7XT	WN9A	R2ARR	G8GNL
K5NV	KE4YOG	W1USN	XE1SAX	RZ6MJ	GW0KRL
K5WE	KJ2AM	W4CU	YB0EIN	SM0BSO	IK7NXU
K6GCN	N1FOJ	W5IP	YB9AY	SV2BXA	IZ4IRO
K6ME	N2TC	W7JET	YO6BHN	SV4FFL	JA1IHD
K7CMZ	N3PW	W8EH	ZS2ACP	TF1A	JE7KCI
K7CTV	N4LSJ	WA6URY		TG9AKH	JG3LDD
K8FB	N4PAJ	WA8KNE	101	UA4PK	JG5VFK
K9DUR	N4ZR	WB1S	AA9D	VA2GA	JR4VEV
KK4MA	N8TEM	YB1ALL	AB4EJ	VK4BUI	K1HC
KR0P	N8WXQ	ZL1IM	C31MF	VU2OT	K1JX
LA9JKA	NA8W		DD9WG	W0ZX	K1PTF
LZ1JZ	OM6CI	102	DL3XAC	W2GHD	K2UF
N0SL	OZ9U	4X1VF	EA4UV	W2PD	K2UT
N1TQ	PA0QRB	5W1SA	EA8TZ	W3RMS	K3NO
N9IXD	PY2YW	AC0XY	F4FLF	W3SW	K3RRR
NC1M	RV4LC	DB2WD	G3VDB	W4PM	K4GM
NK7L	VK3MB	EA6UE	G4GEE	W6OU	K4QS
OH6IH	W0VU	HB9MZI	GM0SCA	WB5KSD	K5LLA
PV8RR	W9GXR	IZ7QSS	HB9PUE	WD4IXD	K5MMH
VU2DED	WB7QXU	JH1IHG	IK2HLM	WM5H	K5PSN
W1PY	WX0B	K1AJ	JA1KZP	WU6K	K5VSD
WD4OHD	YB1BUL	K1MDA	JA2KPW	WX7B	K7VL
WK3A	YO6HSU	K2CJ	JA5ALE	YB8HZ	K9EA
WZ9B	ZS6HON	K2DH	JA5JUG	YO2OXD	KA2F
YU1LD		K2DW	JK3NSD		KA4H
YV4EH	103	K4HR	K1RE	100	KA9JAC
	AF8P	KB1AWM	K3AXB	2E0XAR	KB6IGK
104	DS5JMG	N2CJN	K3LA	9M8DEN	KC2NJ
7N4OBV	EA2RY	N2FY	K5HX	A41ZZ	KD0KZE
AA2WC	EI9GLB	N4IR	K5WRE	A71EM	KD1DT
AA6XV	FM4LV	N8KOJ	K7GA	AA7UN	KE1IU
CT3DZ	JF1KIG	NA4D	K8PGJ	AB2NI	KE7BMG
EA4EJP	JI1FXS	NN5O	K9GL	AC9DX	KE8NOA
EI3HA	K0BRO	R9GM	K9MQ	AD4J	KF5TL
F6ARS	K0OK	S51MA	KB5YN	AE4VJ	KF8PD
FM5FJ	K2RNY	SM0XG	KC3OPI	AK1P	KG4IYS
G0DRM	K3PIN	US8ZAL	KE9UA	AK4AO	KI0G
GW0ANA	K3TXW	VK2GR	KJ5RC	DB6VH	KI3O
HA5DI	K4NI	VK7AP	KK6VGE	DC1TK	KI4PG
HB9BMY	K4PWS	W1GF	KU4A	DK1MCS	KJ4SKO
JA0NZR	K4SAW	W4GHW	LA2XNA	DK7GH	KJ8N
JA1CC	K4ZMV	W5TMC	LA3ANA	DL3ANK	KK6MF
JA1DHY	K5DXR	W7HJ	M0PTZ	DL5JH	KL7XO
JA1RBY	K6XJ	W7IMU	M5LRO	DS4GQR	KR4Q
JI4HKA	K9WMS	W9GWP	N3CAL	EA5PS	KV8P
JQ2MPJ	KA7CVJ	W9LU	N4PF	EI2FG	KZ4EX
K1TWF	KL7NW	WB4PWZ	N9MR	EI4DQ	N0OK
K2CQW	KQ6K	WB7QBS	NC8I	EI4GJB	N0VTZ
K4WW	M0UPL	WB8LEM	NJ2X	EW4A	N1KI
K5JUC	NB3R	WD9IOK	NZ1I	F5JWH	N1UZ
K7UW	NI5G	WF4W	OZ5JQ	G0GFC	N2YU

N3NVA	XE2AD
N4GOA	YB6LAY
N5CR	YE1AR
N5LJL	ZS6CR
N5LKE	
N7WFK	
N7WR	
N8HM	
N8URE	
N9MKC	
ND0B	
NE3K	
NM4SH	
NX6D	
OM2AGN	
OR4K	
OV2B	
OZ9GA	
PV8AJ	
PY5VC	
R2AB	
UR8IDX	
VA2EU	
VE1JF	
VE3KKB	
VR2PX	
VU2OY	
W0PPA	
W0RMS	
W1HS	
W3BNN	
W4CG	
W4YR	
W5PD	
W5YKU	
W6KF	
W6OZI	
W9KM	
W9ZT	
WA2ALY	
WA2VJL	
WA3UTC	
WA3YZD	
WB0RXQ	
WB2ZEX	
WB4MM	
WB6RAB	
WB6RJH	
WD1M	
WD4GZW	
WI0E	
WM4D	
WM9Q	