

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

N9IW	K4CN	JF7XKY	JA0GJJ	SV1FJA
OE3GCU	N6JV	K0CA	JA2BDR	UA3AP
OK1MP	PY2YP	K5KC	JA3AZD	WI8A
PY2BW	SM2GCG	N8BM	JH0INP	
SP3E	SM5DJZ*	OE8HIK	JH3VNC	318
YU1FW	SP8NR	R3OK	JH4ADV	A45XR
	VE3FF	SM5CZQ	JH8RZJ	AA4HP
329	W2IRT	SM6CCO	JJ3PRT	AD5A
AA7A	W5XX	W1RM	JR3OEH	DJ4AX
DJ2YA	YO5BRZ	W9OL	K2UO	DL6KR
EI7BA		WB4TDH	N3NT	EA1YO
HB9BZA	326		OE6MDF	G4PWA
I4MKN	AB4IQ	323	OE8RT	J12KXK
IK5HHA	I4EWH	DK9KX	OH2BLD	K2TE
IK6DLK	IZ5EKV	EA3GP	ON4IQ	K4IQJ
IT9DAA	JA1SJV	JA9APS	OZ1AXG	K5DU
IV3JVJ	JA7KY	JF1KKV	SM6DHU	K9IR
JA2JW	JA7MSQ	JH2FXK	SV8CS	K9YY
JE2URF	JH1TWT	JR3GWZ	UT7UJ	LA2PA
K0EU	J14POR	K0DEQ	W3GH*	NK1K
K4ZYU	LU2NI	KF0QR	W3NO	NY0V
LA5IIA	N4JJ*	N5TY	W8GC	R3VA
N5AW	N7RT	SM4DHF	W8OI	RA7A
NJ6P	RA3CQ	SM6CMU		W4FC
NO8D	RU3FM	SP1S	320	W5WT
NR1R	RZ3AM	SP9DWT	DF2RG	
OZ1CTK	SP6M	VE2TZT	G3TXF	317
SP7GAQ	SV1RK	W4DKS	I2EOW	AA4V
	W8DCH		IK5PWQ	EA2IA
328	WJ4T*	322	JA3PIS	F5PAC
AA1ON	YO9HP	CT1BH	JA4FKX	IK2YCW
AA5AU		EA5BY	JE2LUN	IK8YTA
DL7MAE	325	G0DQS	K1LD	K2RW
G4OBK	CT11UA	HB9DHK	N5XZ	K6YUI
JA0UUA	EU7A	IK4GME	SM5KNV	KA9CFD
JH1GZE	GM3POI	IZ0AEG	SP7VC	KV7K
K4MWB	JA2FJP	JJ2LPV	UY5ZZ	N2BJ
K4QL	JA5WIZ	K8PT	VE3EXY	W3KX
K9CT	JA6BZI	KU0A	W6XA	W3LL
KD5M	JS2LHI	KW9A	W7AO	W6VX
NI0G	K5EK	N1NK	YV1DIG	WX4G
PY5EG	K9EU	N4DW		
R4GM	OE2LCM	N4NX	319	316
SL0ZG	SM4EMO	N8RR	FK8CP	DL5WW
SP6CIK	SP5DIR	ON4CD	JA1XEC	GM0GAV
W0DJC	W4UM	R7DX	JE1SYN	JA2JNA
W5FKX	W6RLL	UA3AB	JH1IFS	JA8EAT
W5ZN	W9OP	UA4CC	JH3CUL	JF3KON
WA1JMP		VE1DX	J11DHY	K4HB
	324	W1ECT	K2VV	K8YTO
327	CT1APE	W5CIA	K6AM	KQ8M
DK5WL	DL5DSM	W5TCX	K6FG	LA7HJA
DL2OE	EA5BM		K7NN	N4II
HB9AMO	I0WDX	321	N4DB	N4QS
IK4BHO	I5NPH	AD1C	N4PQX	RV3LO
J18DGO	JA2DPC	G4CCZ	PA3EWP	SP1JRF
K1HTV	JF1WPB	HB9BIN	R5AJ	UA3DPM

W7MO	ZS6EZ	RX3AGD	WB8BPU	SM2OAN
W9ILY		UA4LY	WB9CIF	SP7HOV
YO3APJ	312	VE7IG*	WD0DAN	SP7ITB
YO7LCB	CT1DKS			W1SKU
315	DK1FW	308	305	WT8C
9H1SP	EA7TV	DL2CHN	A65BR	ZS1LS
AB6QM	IK2QPR	IK0PEA	DJ4XA	
G3VKW	JA2IVK	JA1ANR	JA6WJL	302
HB0CC	JR2LJO	JA1GRM	JA9CWJ	DJ5JH
IK4DRR	JR7VHZ	JA7IC	JR2UBS	EA1N
JA8RJE	K1HT	JA9TWN	K0JUH	F5CQ
JR2BJE	N5ORT	JF8QNF	K0KX	IU7QBB
KE9L	W1GL	JL1RUC	K4SO	IW1ARB
N5OK	WA2VYA	K0GY	K6KLY	IZ2AMW
OE3EVA	YU3AA	K1AR	K9ZO	JG4AKL
ON4AOI	311	K8OM	NS6C	SP2BMX
ON4IZ	AB3CV	KN5O	PA5TT	W0VX
PY2NQ	F3SG	KS1J	RA9CMO	W4QN
SM3VAC	JA2XYO	OE1WEU	SM3NXS	W5ADD
UX1UA	JA4MRL	R7NW	SV1CNS	WD4LBR
314	JH4JNG	VA5DX	UT2UB	
CT4NH	JO7WXN	W2QO	W1YM	301
G3NDC	PY2XU	W9MU	WA5VGI	AE5E
JA2AH	UR0MC	WA7NB		DJ9ON
JF1PUW	WP4U	WA8WV	304	DM5EE
JR4OZR	YB5QZ	WD9DZV	DK5AD	F4BKV
K1BD	310	YS1RR	F2JD	HK4SAN
K2LS	JA7QVI	307	JA1XCZ	I2MQP*
K3WA	K8FL	DK2JX	JA2ZL	IZ1LBG
K4UEE	LA7AFA	G0BLB	JF2UPM	JA0CRI
K5AQ	LA9AJA	I5HOR	JN3SAC	JA0DIN
KC9ARR	MD0CCE	IZ8FFA	K8AC	JA1LSP
KG8P	N1IBM	JA2XW	N7US	JA2WYN
OE1AZS	PY5EW	JA3GN	N9RS	JH1AGU
OE1ZL	RL9F	JH1QAX	NE1B	K4SE
SM4DDE	SP6HEQ	JJ3HGJ	NN4R	K9MM
SP1MGM	UX0FF	JR6FC	R7FK*	KI0KB
SV1DPI	W0YG	K2SHZ	UY5AA	N9AU
SV1JG	W4BP	K3RA	W5XC	RN3QN
UA6MF	W8HW	KC6AWX*	W6ENZ	WB5JID
UT9FJ	309	NI6T	W7CT	
313	DJ5FI	OZ4O	W9RN	300
5B4MF	EA8AKN	SM5JE*		AA8CH
AA5AT	HK3W	W2JU	303	HB9SLO
AB9V	I3BUI	W7OM	DL5EBE	IZ5RVG
DK2NG	JA1EOD	306	EA3GHZ	JA6VQA
JA5IU	K4EM	DL1KUR	G3LZQ	JA9AA
JR1BLX	K8QM	DL6CNG	HB9DDZ	K0KVR
JR9LKE	KX4R	G0OIL	HL3IUA	K8GG
JS3CTQ	NN4SS	HA1RB	K5WAF	K8TL
K5BG	NU8Z	IK4PLW	K5XI	K8VJV
K6TA*	R9TO	JH1NYM	K7WP	LA7JO
KB0EO	RU3QR	K2UU	K7ZA	PA3CSR
N8KOL	RW3RN	R9FM	K8NVR	W6TC
		SP3CGK	K9RX	299
			RL3FA	AC4G
			RW4NN	

CT1FMX
DM2DXA
EW2A
G3SVD
HB9DDO
HB9RG
IK4ADE
JA7BWT
JH1SJV
KM4H
LA3WAA
N4TL
SM6CUK
UA9FAR
VE3BW
W7DO

298

5B4AHJ
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HP2AT
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K8EUR
KC7V
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N8TR
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NQ1K
SV2DGH
ZL1BYZ
ZL3JT

297

AC0A
DL4CF
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E73Y
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JA1VSL
JA7JWF
JE7JDL
K2PK
K8GI
K8WK
KG4W
KG7H
KT1J
WE9R

296

AA8OY
EV1R
K8VC

KB1JZU
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N0RB
RA3QK
SM6BZV
SV9COL
UA6YW
W9JA

295

AD6W
DL1DUO
HB9TKS
HL2IFR
HL4CJG
IW0SAF
JR1BAS
K5ZK
K6SIK
KD3CQ
OE3SGU
SV1GYG
W5AJ
W5LT
YO2RR

294

EA6NB
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HB9CEX
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JA1IOA
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JE1GWO
JE8CLT
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KZ4V
PY2VA
R5DT
RU6L
SV3DCX
WB0TEV

293

CU2AP
DL1SMA
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JA2CXF
JA3RQ
JA9GPG
JH7RXU
JM1FHL
K4JAF
K9MK
N2LM
S55DX

US5WE
W9AJ
WA4FFW

292

AA5AM
AI9L
EA5AT
G4GIR
G8DX
IZ3ETU
JA2VQF
K7ZD
N8II
R6AF
SP5IWA
SV2AEL
W2GG
W6SR
WA3AFS

291

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GM0AXY
JG3LGD
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K7ZV
KP2A
LA5HE
MM0EAX
N2TN
VE3CFK
W3RJW
W6YI
ZS2DL

290

AA4A
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JA1KQX
JE1LFX
JE2EHP
KB8VAO
LA2QM
LA5LJA
LU3CQ
N9FN
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PY2IQ
SK3PY
SV3AQR
UN7TW
VU2NKS
W2LK
W4VIC

WB9EEE
XE2CQ

289

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JA8EJO
JA9FAI
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LB8DC
N2NL
R0FA
SP8HKT
UN6T
W6XK
W9YSX
YB1UUN
YO2CMI

288

I1EIS
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N6UK
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287

9M6YBG
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RM0F
SM5ARL
SP9JZU
UN7JX
W1VT
W4YCH
W7BEM
WA6F

286

4Z4DX
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IK0XBX
IZ8XQC
JA1QXC
JA5BEN
K1LPS
K1RO
LU8EKC
RA0FF
UR5EDX
W3GQ
W5VY
W6PJ
W8AXI

285

AA4R
DL1TRK
DL2SWN
EA3GHQ
IZ8DFO
JA2VMU
JA3EOP
JK1EXO
JK1GOK
K6GXO
K6PJ
N0KV
OE1WHC
W8AV
WK7E

284

EI9FBB
JA2FGL
JA3DY*
JG3SKK
JH3SIF
JN1BMX
OE5BWN
PY2KP
SM0CCM
SM6CTQ
W1EQ
W2AY
W4FQT
W5ODD
W8BBQ

283

JA1RTX
JG3FEA
JL1XMN

K0TPP	UN7LZ	JA2JRG	SV1ACK	268
K3WW	VE3EK	K0GD	SV9AHZ	9K2OD
K9NW	W3JX	K1USA	W1YRC	F5PBM
K9SM		N7KA	W2OO	JA1NWD
LA8HGA	278	N8PW	W3AP	JA1XPQ
LU4FPZ	9A4T	PA7RA		JK1TCV
N7IR	DL5CW	SP3IBS	271	K1MAA*
N7RO	EA8RR	W3OA	4X1RU	K9MBQ
OE8SPW	F2NH	W4OX	I1FQH	KD4W
RA1QD	GM3PPE		IK2DZN	LA3MHA
S57AT	I4KDJ	274	IZ8EJB	N2AJ
W1LW	IK0HFO	AJ9C	JA0DET	N5JB
W6BJH	IV3GOW	EW1KP	JE6TSP	NA5DX
	IW1QN	IW0HOU	JM1HJG	ON6AA
282	JA8LRG	JA0PE	K3PU	SM5ENX
JA1JAT	K2UR	JA5XAE	KS3F	SM6BGG
JG0CQK	K3UL	JH1IAQ	N8LJ	W8QZA/QRP
K5UO	K5DHY	K1DT	PY2DS	WA1YTW
N7TY	VE3CRG	K3PT	UA3TT	
NT0V*	VE3DZ	K6UM	W8RLS	267
SM4CTI	W8MHW	KA8ZPE		4X6ZK
UA0BA	ZL4TT	KJ6P	270	AA4FL
W2NO		NA5C	CT1EAV	IZ3ENH
W7AL	277	OE2GEN	CT3MD	JF2WGN
	EU1KY	RA5BM	DK8MCT	JG8FWH
281	F5UJK	UA3ECJ	DS1JFY	K3FRK
AD5Q	IK2RPE	VK3HJ	EA1KY	KB1EFS
EA5OX	JA3ENN	W0EWM*	F9XL	KD0PO
EI2GLB	JA8EOT	W9MJ	HL3GOB	R8TX
F3AT	JE8TGI	WO7R	JA1FQI	SM5BMB
GM3YOR	K2AJY		JN1RQV	SM5FUG
IZ8FDH	K8UT	273	K0BJ	W1KSZ
JA1SYY	UT7UV	JA2TBS	K7UA	
JA1WSK	UW2ZM	JA6BEE	K9JF	266
K6ND	VU2PTT	JH3GCN	N4QQ	7K1PTT
N2WB	W3BW	K5PS	VE6LB	IZ8VYU
N5GH	WF2S	K5RT	W8TN	JH1HHC
W7ZJ	WT4Q	N4IG	WL7E	K1DG
XE1KK		N8SNM	ZS4TX	K8AJS
	276	OZ1ACB		K8ROX
280	HB9LCW	RW7M	269	KQ4AV
JA6TMU	IZ5BAM	UR5WA	IK8EPC	PZ5RA
JH4ALY	JA7FWR	W4HG	JA1OVF	RA4CA
JR6LLN	JA7LMZ	WA9PIE	JA1VLK	WB3LHD
K0BBC	N5MOA		JE3ENP	
K4WNW	ON4CAS	272	JP1NWZ	265
LZ2JE	RX4HZ	AF9H	K0KT	CT1FCX
SM5CZK	SM0NJO	CT1GFK	N4UOZ	G3WPH
W8LGJ	SM5CLE	E72A	NK0S	JA4FM
	VE1JBC	HA9PP	OM4EX	JO4CFV
279	W1ZT	IK5PWN	SM5FWW	K2CBI
HB9CQK	W5GO	JA9FPI	W1MK	N5KM
IZ0RVI	W9FR	K7EG	W4MAY	N9JV
JA7LGE		K8BL	WN6W	W7MEM
JA9IFF	275	KI4GE	YB1AR	WA3C
JF2XGF	EA1AF	OE5FIN		
K1GG	HL2WA	PA0ZH		

264	JA2XCR	JH1BNC	JA3WLN	N6PSE
4Z1UF	JH3KAI	KH2L	JH1VUO	W1KDA
DF2GH	K2FW	SA0AQT	K3SEW	W2JLK
EA1KP	K7LJ	W4LSC*	K5VWW	W4SK
EA6ET	LA0FA	WA1S	N4LR	W5GAI
F6DBX	NK4L	ZL2IFB	UA3O	W8MJ
HK1MW	SM7CQY		W7Yaq	
JA8DNV	W0GG	257		250
JR4LNG	W4UCK	AF4HX	253	CT1DOF
KA1ERL	W6RS	BA4RF	CU2DX	EI6FR
N1GC	WB2BIN	CT1FPQ	DS5ACV	EI9JF
N5LZ	ZS1A	DJ0UT	G3UAS	HA7TM
PA7TWO	ZS6WB	EA7SG	HB9DHG	JA8CJY
VE6AX		EB3CW	IV3VBM	JL1MWI
W5PF	260	IK2PZC	JA6IVR	JR0EQQ
	EA8MT	IK4AUY	JE2RDO	KQ3F
263	EA9IE	IK8VRH	K0TT	N1SV
DK4TP	EC1AIJ	JJ1DWT	K6MKF	OZ4VW
DL6JZ	EI8IU	N4JQQ	K8DV	PA0JSE
EA3CJ	FG5FR	RU1AB	KE1F	PY2FN
EA4DL	JA1KPH	SV1VS	N1RR	UN3G
HA7UW	JA2FBC	W8MET	N7XR	W7HPW
JA7XBG	JH3FUK		NF1G	
JI3CJP	K2KA	256	UA0FO	249
JJ1TKN	K8YSE	BH4QYX	WF4U	HB9RYZ
JR8AMF	LY1G	EC1A	YB0COU	IZ4DPV
K1KO	N2JJ	IK4HPU		IZ8GGF
K8FH	N6MZ	JA0KJE	252	JA6GPR
KN6KI	N7BT	JH1RGG	DL7UPN	JA8FFM
NW7E	NX0I	JH4GJR	G3KWK	JA8UIV
W2OIB	SK7AX	JM2RUV	G3NKC	N6HC
W3ACO	TG9NX	M0TTB	JA1BNW	N8OC
WA4LOX	WA5LFD	OH1ZK	JF3PNQ	OZ5NJ
WB2GAI		SV1CQN	JH1ACA	SM4OLL
	259		JH4CBM	UN3GX
262	4F2KWT	255	JL1BYZ	W9RC
CU3EJ	DJ8NT	AI6Z	K1ESE	XE1MEX
I5REA	EW1BA	IV3TMM	KI1U	XE2D
JA8BAR	I5OYY	JA9AGN	LA5YJ	
JF1NZW	JA8BNP	JA9NLE	OH4UI	248
K8AV	K2UFM	JE2DZC	W2ZI	HB9DOT
KF2DT	N6TA	JH4HMG	W7CA	HL4GAV
LA9FFA	NI3P	JK1OPL	W9HBH	JJ1SKG
LB2TB	PY5CC	K1UU	WS9V	K6IPM
ON5UE	SM4AZQ	K9FN		N4XP
W0FLS	W0LS	KR4F	251	OZ1LCG
W5ZG	W2FV	N1RK	9A4W	PY2MC
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W7LGG	W8HC	VR2XMT	AJ6T	W8JRK
W7QDM	W8KEN	WA0MHJ	DL2RTL	
W9PZT			F1ICS	247
WA3GFM	258	254	JA5BGA	HL3DE
WB8ART	AA8R	BA7IO	K1SM	KM1D
ZS6NJ	AB4SF	CT1BWW	K4VIG	N6RV
	DK7YY	DL1HRN	K8CW	N7DED
261	HB9IQB	E72U	N4SC	VE3YV
IZ8IEV	JA8ZO	JA3VPA	N5UL	W2GW

W8IQ	JA7BEW	239	JK1UNZ	CU3EQ
WS5W	JF1LMB	6K5YIA	K1ACL	EA4DEI
246	K4ZO	DJ9RR	KM3J	K8BN
AA9A	K8ME	IK0UTM	KM6HB	K8EAB
IK0AGU	LA9VFA	IZ1JMN	N3RC	N2NW
IV3KFB	N1API	IZ2FOS	N4GN	N5BO
JA2QXP	N4QWZ	JA7KE	N6IE	N9BX
K1FEV	NV9L	K2XF	N9ISN	NE3F
K4KAY	RD3AW	N6KZ	OE2BZL	PY5IP
K6BV	W1BR	N8SHZ	PA0TCA	S51NM
K9YC	242	WB7B	SV1HEP	SM0XBI
N2DPF	DH2PC	238	W0HBH	W2NRA
N3KN	HL3AMO	EA1JO	W4GIW	W2XI
NT5V	JA4ZA	HB9BUN	W9OO	W6YOO
OH1JP	JH1WJR	HB9MFM	WA0RVK	W8OP
W5ZO	JR1MLU	JA4VLK	WY6N	W9EWZ
245	K1CA	JE1HRC	YB2TX	WB2KSK
AK5X	K4PB	JE2VLG	235	WD8PKF
JH7BKN	K7FEL	JF0JYR	EU1U	ZL4AS
K3VAT	N2NS	JG1OGM	HC1BI	232
KI5BLU	N6HY	K9OR	JA1DDZ	DL9FCY
N0AH	OM8FR	KA4RRU	JE1IBI	EA1RT
NA5Q	SM7IUN	M0CSD	K4QE	JA3BXF
ND4X	SV1IW	N4PJ	K5CWR	JA5NPV
NZ3O	W1OPD	N9UA	K7KB	JA6CBG
S55ZZ	241	W4KA	K8ZM	JH1APK
W3FI	AB5C	W7IU	N2FF	JM1GHT
YB0NFL	IS0AFM	WA4QMQ	NW4M	K4ST
244	IZ8FWN	WB0TVY	TA1CM	KF7PG
EA3EQT	JA1VRU	237	W2TB	NY2NY
EA5RD	JF2VAX	CT1BOY	W7YW	OZ1IKY
HL2KV	JP1IOF	G0VXE	WA6JA	RK4FD
JA1CZI	K9NR	IZ5YHD	234	RQ3A
K0KG	KV1E	JA0LXP	DF7EE	SP6JIU
K1EFI	W3ABT	JH1DGQ	DK2CC	SV1FJP
K1PL	W5QM	K1RV	HB9BYQ	W2/CT1GIF
K1YR	W6DE	K2NV	HS1NGR	W2YR
K4JJW	240	N4HID	IK0LNN	W3FOX
K6EID	7M4AOE	SM0MPV	JA1EMQ	W6CYX
N1EN	FG8OJ	W8UN	JA8XQI	W9ZCL
OE3HWC	GU0SUP	WA0ROI	JK1BSM	231
US0YA	HA5VZ	WB8B	JN1NOP	G3KMQ
W1KMA	JA1DM	WB8ZRL	K0VSH	HL2ZN
W4REX	JA2FSM	XE1RBV	K4MF	IW7DVM
W5PJR	JR1WCT	YO3JF	K7XB	JA1MZL
WA3F	JR3UIC	236	KE5FXE	JF2WXS
243	KF0LA	FG4NO	KE8UM	JH0AWC
CT1BWU	LA6UL	HB9ZS	N4HB	KD6UO
CT1FUH	N0ABA	HL2CFY	ND4V	KJ7M
CT3KN	UX5UO	IW3GJF	W3WST	NA4EA
DS5TOS	VE3YF	JA1HOM	WA4JQS	SM7NDX
G4XRV	W0SZ	JA1JYE	WA5UA	WB8CQV
JA2EPW	W5DNT	JA3KNN	233	230
	W8IW	JA7HRM	AA9GR	DK6OR

F6HLC	W5SL	RW4CY	220	GW4TSG
G3LUW	WA2USA	SM7BHH	AA6RR	JA2NNF
J11VVB	WA8MCD	SP6AXW	DL4DW	JA7ZP
N0RN	WA9GON	VE3SKX	EA5DFV	JG5RVQ
W8WVM		VU2CPL	EI9FVB	K2HAT
W9YE	226	W8GNM	JH3FHQ	N6QI
WB2NPY	HA5PT	W9JJB	K0DD	OZ0J
	I0JBL	WC3W	K4EU	SV8DOU
229	I0MWI	WN6K	K4MIJ	W0TM
AE0P	I0OSI		K5MT	
AJ8MH	IK7FPV	223	K6MM	216
HB9JOE	IK8UHA	AC9EM	K7AWB	CX2CC
IK2GAJ	IT9CVO	AF2C	K8RRT	DJ3XG
JA2OLJ	K2BA	EA7DUD	KZ9DX	G4VMX
JE1VTZ	K5FNQ	I8MTQ	NA5Z	HB9CXZ
K0HD	KK4OK	IK2RZP	ON4ATW	IZ0NRG
K2SN	KS4S	IZ8MBW	PA3BWD	IZ1JLG
K4CMS	KX2A	JA1IAZ	SM0DSF	JA1FJJ
KD1F	N2KX	JA3FHL	SP6A	JA2VHO
KI4DLS	N4OA	JA3QOS	UR4IOR	K3NQ
N4NW	N5ET	K6IPV	W1SSN	K7LV
W1WC	N6BM	KG9Z		KK4OW
W4UDH	VK4CAG	KI6CG	219	KR4W
W6RW	WV6E	KW4V	AG1A	NC4RB
WA1PMA		N1NU	F5JSD	PS8ACL
	225	N4ENE	HL5BMX	W0SR
228	DS5DNO	VE7TK	JA6AVT	W3MR
AA7G	EU1M	W0RX	K5JZ	WB3D
AD5WB	JH1UBK	W5DM	K9ZM	WS1L
AF5CC	JH8NQV		KG6I	
F5LIW	K0OK	222	KI7AO	215
JF1RYU	K1JIU	AA0MZ	KK9H	9H1EJ
JH2PWY	K5YU	DJ9SO	N1KC	AA7XT
JR7GBL	K6EME	DL5XL	N6DX	EA5B
K5FZ	KA8SYV	E77S	NA9RB	IZ0BVU
KB9DAK	KB1DMX	F6ECI	W6GRV	JA4CZM
KF7F	MU0FAL	IZ7AUH		JE1PNX
N6PM	N9SF	JA9NFO	218	JH0OXS
NN4X	SM3LGO	JM1VRW	AA3LX	JH5HDA
RA3QUA	W2DXE	K2AT	DL2NOM	JK1VXE
W0JM	W5GZ	KJ7TEA	DL4NBE	JT1BV
W9FI	W5TFW	OZ7FOC	DS4AOW	K2XB*
WB8K	W8UV	RA4P	I7PXV	KF4NEF
WQ6Q	WA4CEM		JF1MTV	KR6C
	WV4TN	221	JJ1QUV	KX4TT
227	YO9FNP	EA2AAZ	K1NTR	N8NN
DL2RUM		HI8RD	KE3D	N9AOL
G3VPW	224	JI1NJC	N4JT	RN9N
HL2EIZ	DK3PZ	JR7FRW	TZ4AM	V51B
JA0DWW	EA7QW	K4JC	VU2CDP	VK3NX
K1GE	JA8NFV	K5DV	WA2NPD	W0TT
K5GH	JK1WSH	KU4XO	WC4H	W1JGS
K8YYY	JO1LVZ	N3RW	YL2KF	W2PP
N4IQ	K1CBK	RU0SN		W4IS
N6OJ	K1XV	W0QQ	217	W6SL
NF4A	N7WO	W4DEE	AB4UF	W7JY
NU1B	PE1L		DH0GSU	WE1P

WE4S	JJ1KZZ	JA4HAW	204	K2RU
ZL2AL	JR1VAY	JF1WLK	AH0U	KK1W
214	KD2T	JF2OZH	JH1OBS	PY2GG
EA5AR	KT2C	K9FZ*	JJ6DGP	RT5A
F4GVO	N1BY	KV4T	JR0QFA	W6AEA
I5XFD	VR2XLN	M0IKW	JS6TWW	W8LMG
JH1DGJ	W8CZN	N6PEQ	KB5HC	W9IL
JH6DUL	WA3I	N9AKR	KU4BP	200
K0QQ	210	OE1JIS	LB5WB	7K1CPT
K2AZ	JF6XQJ	ON4ANN	LB6KC	AJ4A
KB6CIO	KD4SN	RD9M	W4GP	DF3EC
VK3BDX	KD8RQE	SP7ICE	W7IV	F5NBX
W0KCY	KE4UW	TF3DC	WA3FRP	HB9AGO
WB6BFG	PY2WC	VK2CA	203	IZ8EKL
213	S54A	W4GE	G8AJM	JA0KJD
9A1AD	VE7BV	W6WF	IK2RGT	JA3EY
AG3V	W5GA	W7NN	IZ0BTV	KK2M
DK3UA	W5WP	W9QO	JA1FVS	N1IA
DS3HWS	W6DR	WV9L	JA7JPZ	N4TOL
IK1IYU	W7FP	YB0MWM	JH8NBJ	N7ELL
IV3FFI	209	206	K0CS	PY3VB
JA3NHL	7J1ADJ	3A2MW	K4JKB	VK6LC
JN7DOS	DM2RM	G4FKA	K9OW	W0FG
JR1EFG	K0VM	HB9CRV	KA1DJ	W7HR
K4JWA	K5ALQ	IZ4DIW	KM7R	199
K9GA	K9JU	JF1IRW	N3PS	AA3TH
KB5UNX	KB4MRX	JH0BQX	N4TV	AC0X
KH6M	N0ODK	K0MN*	N6PAT	AD4AA
LA5SJA	N2SQW	K3EA	NH6T/W4	JE2KSM
N8GP	NE6I	K8NK	SV1FKZ	JH0RVY
NA2M	PU1KGG	KK5OQ	WA6G	K4SX
VK3FM	SM5BNK	KK9T	202	K4VNY
W2KA	W6DCK	N8BJQ	AA9RR	MU0GSY
W8WEJ	W8HMK	W4PNY	EA2AFV	N2RR
WB4KTF	WB0ULX	W5THT	IK5BOH/2	NV4B
212	208	W9DX	JR4LZX	PB9FN
DJ3AS	DL8SDC	WA3WZR	K1NJ	V51YJ
G4ZOY	E21EIC	ZS1J	K6ZZ	W9RXJ
HB9DQV	JA1OVD	205	K9TF	198
JA1BWA	JA1PBV	CU3AN	N8WD	AA8SW
JH3GFA	JH0NOS	DL4LAM	NU1O	DJ0MCH
K1KA	JR3VMJ	DL6UNF	W1AW	HB9EFK
OE3KLU	K0THN	HB9BNQ	W3NS	IV3BSF
PY2RO	K2PF*	JA4DHN	W4RDX	K9WX
SM5AOG	K4CGY	K3WWT	W7TUS	KA1J
SP5LKJ	K4WES	K4YYL	W7VY	N6ZN
W5DAW	K5RJ	KE6V	WE2N	RA3BL
W6AER	KS4YT	N9KW	201	W6SHY
WB0O	NW6S	W3BJ	GI4OWA	WA2VQV
WK4Y*	OH7TV	W8FIB	HB9DVO	YL2TW
XE2X	W5FPT	WA4MME	JE2UFF	YV5LI
211	207	WW8W	JH1IED	197
JA3LDH	9K2BM	XE1J	JN1NBU	4X4MF
			K0MFI	

BA4TB	NJ3K	DJ9KV	K2TER	SM7GIB
IV3AVQ	SP6EIY	EC7B	K5QX	YB2TS
JJ2WOC	W4DC	G3WW	KC6X	
K3SX	W5UHQ	HL4CCM	KK0DX	182
K8SIA	W5VQ	IZ0GY	N6VNI	I5FLN
KI4WCQ	W7PAQ	IZ5FSA	NU4B	I8LWL
W1FA	WA1NXC	JA2ITK	W6KK	J11CQA
W4DAO	ZS2Y	JH8KFE	W8RV	K7LAZ
W4HZ		K7UT	WA5IPS	KE5BR
WQ5R	193	K8ZT/QRP	WB4DNL	KG4JSZ
XE1H	7L4VYK	KD0AA	WZ4RC	KK8MM
	AE4CW	N3AIU		LA5LT
196	DH3KM	WB4GLI	185	N8NA
AD8P*	HB9IIO	ZS1DX	K0KP	N8NB
AG5W	IZ5MOQ		K3PP	VK5GR
CT3CD	JA0AXV	189	N9JR	VU3CAU
G7SSE	JA1QIW	HI3T	UN7BK	W6SFK
I7LGM	KE1VT	I0LYO	VA7ZT	WV8DX
I8YAV	KF9UG	JA1SGU	W2WG	
JA1XRA	KM1C	JG1SWM	W4WN	181
JH1OGT	NJ7G	JJ1BMB	W6RKC	IZ4AIB
JH2VVH	SM5ELV	K6JAT*	WB5NHL	K1DJ
N2GZ	W8NN	K6UXO		KM9E
N3QE		KY5I	184	KY6R
NA9A	192	N3XM	AD6ZJ	N4HN
RC2A	F6FYD	RM3DA	DS4GKF	N6NU
SP3F	IW9DNI	RN3CT	EA5RU	N6VS
SP5MXZ	IZ7GIT	SM4BZH	HP2NG	N8HRZ
W1MJB	K6XN	W6DPD	IK0HBN	NV4A
W6HYI	KE0A	XE1FAS	IK0WRB	OH3OJ
WA0WWW	KJ4UZU		IT9ODQ	UA9AEU
	KJ4YLO	188	JH1FVE	VU2IBI
195	N4XYZ	EA7AN	K3JM	W2OR
CT1ELF	UR3EO	I1YDT	K9SG	W6TK
JA2NDQ	VA2IG	JA0GCI	KZ1W	WW2DX
JL3OUW	W6JZ	JA7QQQ	NA2AA	
KC6JAM	YB1TQL	JK1AJX	NW7M	180
KE4S		JR0AMD	SM2EJE	A61BK
KW4CQ	191	K2DC	UN7BY	AA4AK
OH6NIO	AA4NC	N4DWK	UT7KF	G1VDP
SQ7FPH	DG5LAC	PY2RN	W6BK	JH1IZR
UR5FEO	DL4FAP	UA6AUA	W7IUO	K0IL
W3SB	HA5CW		WB2HJV	K2SD
W9LN	K1RI	187	WB3BFC	KV4AA
	K8QKY	JE2EBT	WB5STU	NA5S
194	KO6KD	JH7NTW	WY1G	VR2XYL
A65BD	N7MQ	N4FN	YB1RUS	W1LE
HB9ESS	OZ7DN	W5ZE		W4DSM
HB9VAB	UN9L	W8UQ	183	W5SUM
IT9AAI	VR2CH	WV4V	JA2KSP	W7IB
JH1OCC	W5LO		JE4CIL	WV2I
JH8UQJ	W5RF	186	JH1ERJ	
JR1IZM	WF1H	AA4LR	JP1GUW	179
K0GW	WI8R	G4XEE	K3SF	DL5MHQ
K1LT		JA0CIU	K6LRN	K3NF
KP3AH	190	JA2MNB	N9PGG	K4WZ
KR8T	BV1EK	K1JD	NA2U	KE5TD

KJ6NZ	JR1FHP	IK8GJR	W0OGH	166
KU8X	K5DCW	K5ZQ	WA4USA	AL7R
KZ2R	KK7YC	K6UNE		DL1SVA
M0HIH	N2MEE	K8JE	169	EA5HM
N3KV	VE1VOX	LA9VBA	DM3CW	HL4XM
N3ME*	W4AEJ	N4MIK	JA7FAS	JE4RAL
ND3L	W7WZ	N7HN	JE1PHH	JJ1BDX
NG7M	W9WO	NX2X	K3VAR	JM1SZY
SP5ELW	WA3GNW	SM0EUI	K9OT	JR6GHN
W0ZS	WD4FMG		KF9AF	KN4FO
W4CCS	XE1L	172	KI2D	KR4BD
W4TUN		EI1DG	N5MT	NN5E
178	175	G3SBP	OH2LHE	SV2CLJ
EA8AXT	AA4U	JA7FVA	RD3BD	W4PGC
IW0BYL	JA0LFV	K5TA	SM7WVZ	W8SAX
JA3UNA	JH6RTO	KC2SST	SV1IZY	WA1ZIC
JI1WLL	JO3WHB	LZ1XL	W0AIH*	WB3JFS
K0NV	K4RG	N3AO	W7IAN*	YO3AIS
K1ZE	K5RKS	NZ5O	WA4NUF	ZS6IR
K4GO	KD4POJ	SP5ES		
K5TN	KF6HI	YB4IR	168	165
K8SL	KL7TC		A92IO	AG4Q
KR2Q	LZ2ZG	171	AA5N	AG6HE
KU1T	N1JP	AD3C	AF6PK	CU3HN
ON6KE	N6MXU	CT2GZE	EW1P	IK0XIH
VU2LBW	N7NG	DL5MM	JH1ORA	JE4WOK
W7HUY	UA1OM	F9CI	K1VI	JF1KML
WB6AXD	UA9AGX	K2MK	K4KGG	JH4ADK
WC2K	XE1R	K2TV	KB2FCV	JI6IHG
	YB0DJ	K6ZP	KF0RQ	JK1DDG
		KB0V	LU8ADX	K2AX
177	174	KC5LK	LX1CW	K3VPZ
4X6UU	AC9O	KP4DKE	N4ST	K4WY
G4DDL	AG7N	KW9U	N6MB	K4YJ
IU0ICA	DF8FT	N8WRL	NS3L	KG4CUY
JA3EEM	JK7LXU	W0MU	OE1ALW	LA2XPA
JF1LZQ	JR3TOE	WA4DOU	R4FAN	N2RJ
JG3KLF	K5CR	WA5KBH	SM5CBM	N3KS
K0EEO	K9HQM		VE3YXO	N6DHZ
K3OX	K9UQN	170		NA6O
KF4VTT	KT8D	4X6KJ	167	RA0BA
KP3V*	KZ5DX	DL2JIM	JA8BOV	SP7QHR
NA6MG	LA6OP	EI6AL	JG1JPE	VK3TC
SV8CKM	N4PYI	JA1BON	KB8NTY	WB2WPM
VK2AAH	NA9Q	JA1GVT	KE3X	WB9PNU
VK2HV	W0PE	JQ1YIW	KH6XT	WC0W
W0IKD	W5WI	K1ZJA	KN7D	WX2U
W1AO	W9ROG	K6JJ	N1ZJ	
W1DYJ	WA4BIM	K7CU	N5PA	164
W1OP	WB0N	LA2GH	N7VPN	AC4BT
W4KVS	WQ5T	N4VN	NY1V	AG5CN
YB1TJ		N6EM	PY2SEX	CT3DL
	173	N8VV	WA0SXV	DL7JRD
176	AB6CF	NX4TT	WA5NFC	EI6IZ
DL6NW	AI9U	OZ3SM	WB8BZK	K6CF
IK0CHU	HB9FBG	VE1OP	WI7P	K6GFJ
JA1ERB	HB9HVG	VE2YG		KD8MQY

KM4VI	N9LEO	158	WB4YDL	N7JB
N2XQM	OK2ZDL	9J2BS	ZL3RJ	N7NW
NA2P	SM3PHM	G4SGX		NK7C
NC2Y	W5RDW	IK3DVY	155	SP5NON
PT7DX	W6DOE	JE3PCP	DK3QM	W4DTA
S50B	W9GG	JJ1KXB	IV3TDM	W8VK
W6SIY	W9KVR	K4HQB	JH1FNU	WB4SON
WA5CMI*	YB2DX	K8GWU	JP1LRT	
		KB2XJ	JR3ADB	152
163	160	KF7NN	K2DF	5P5Q
AA4OC	E70T	KJ7NO	K4EZY	AC6BW
AI4QQ	EA1DLU	N4XMX	KQ4EE	BX5AA
DS4NPL	EA1WH	VU2DCC	M0IFT	DF2WF
EA1AZ	HL1VAU	W2CG	N7WS	DU1KT
F4CPF	JA1ITJ	W8LIG	NO9E	G4AFJ
HA5BSW	JA1UOA	WB2RAJ	OE1HHB	IK5BSC
JA3AVO	JA7JM	WT2P	UT7EC	K2EK
JR6LDE	JR1CAD		W5SV	K4RDU
K0ABC	K7LY	157	XE1YD	KD2OV
K0CF	KC9K	7N3IJT	YB1AYO	KE9S
K4GN	KM4NS	AA3AZ		KW4J
K4MV	LB7ZG	AC0DQ	154	ON4LG
KE1B	N0IW	E20YLM	DS5WQT	R9JX
KW4MM	N4BAF	EI2JD	F4WDL	W6FL
LA1CO	N4MEC	JA3MHA	I4UUL	W6RFF
N0AMI	N5WA	JM1ESG	JA0GZZ	W8FN
NW7US	N8IL	K1RH	JA4HXF	WA6EZV
R3IS	NI5F	K4KEW	JA8ANQ	YV4DYJ
SM7CZL	OV5O	KN7Y	JH1AQN	
VA2LC	PP7LL	KW1DX	JH7WQX	151
W1OK	W1ASB	N2ZA	JK1JAS	DL4KUG
W1XV	W1TO	PY1NS	JL1GYZ	EA3HDZ
W8MIL	W3ML	W4NBS	JR3QHJ	JA2BUR
YO3DDZ	W9FF	WD8KND	K1ROA	JH2NWP
YO3IPR	W9NIO*		K3DFL	K4DET
YO4AUL	ZS6RJ	156	NE5W	K7LAY
		DK8IZ	SM0BYD	K9AAA
162	159	EA3HPX	W4CIR	KE4BKL
BH4IGO	EA1P	F1RAF	W8TM	KE8G
DF2UA	IK0WMJ	G4AYU	WA9MAG	KK4CLY
DJ7JC	JA0ED	GM0VRP	WN7J	LA7EIA
DS3EXX	JA3PRM	GM3WIL		LZ2XF
EA2AGV	JK1EBA	JA2ODB	153	N4AA*
HS8KAY	K0IO	JA9RT	F4DSE	N7MB
JR4CZM	K5IB	JH2AJY	HB9BEM	NP3CW
KA1API	LA4JGA	K3FM	JA3UOQ	NU4I
W7VAS	LA8ZAA	KA9OKH	JR7MAZ	SM0NUE
	N1MD	KC4HN	K0LB	SV1XV
161	NE5S	KD1AB	K3HW	VA3EJN
HL3ERJ	OH2IS	N4QM	K4OY	VA3HP
JA0EVI	OT1A	N6MM	K8ROK	W3HER
JP7FSO	VA3NXM	N7GCO	K9MMS	W5WLA
K2OP	W1EBM	N7RD	K9YZ	W6WA
K4AR	WD5BJT	OZ9XU	KK4XL	WC2C
KM4A	XE1MW	W1MR	LU4FW	WF8R
N5QS	ZS6C*	W5JMW	N0VVV	
N7QT		WA6QGH	N2ZZ	

150	LZ1MDU	AL7TC	JA1PUK	W9BS
AE4M	N3ND	EA4S	JH6PFY	WB1ASL
DK3BK	N9ATF	HK3PJ	J11UHZ	WB8EKG
DK3FB	NJ6K	IW1PUR	JK1BIB	YB3MM
HB9EBM	TF3Y	K5FXB	K3GT	
HB9MXY	VE6TL	KQ5M	K6TAR	139
IT9ABN	W4AG	KS0M	K8WHA	AA4DD
IT9IPQ	W9MAK	N0TK	KA6BIM	F5VML
JA6SUY	XE2YWH	N6KK	LA1J	HB9ARK
JA7DPC		PT2ADM	N7KDT	HB9DTE
JA7GZM	147	W2RS*	NF7D	HL4CBX
JG1GJH	AB9KZ	W7NP	NN9X	K0QB
K1QN	EI3CTB	WA9JWL	RL3BZ	K0SRL
K5HK	F6KOP	WR7Q	YO8CRU	K2HT
K9RT	G3VQO			K9QJ
KI7M	IS0/YO3RA	144	141	K9TRV
N6JOJ	JK1OTP	AD0TR	7K3QPL	KX4I
N9IO	K0PC	DL6DCD	9H1AE	N0CKC
TF3JB	K3GGN	GM0VIT	AB4GE	N2SG
VR2MY	K5UZ	JL3DGI	AC9S	N5FEE
W3KB	K7PT	K1TKL	EI3ISB	N7NF
W4NE	KB7AK	N4MI	HB9EXQ	R9MJ
W8QXR	KB9LIE	N5UE	IZ3XEF	WB8QZM
WY7FD	SV8RX	NZ0O	JJ0LZQ	ZL3TE
ZS1C	W0QC	RN0C	JR3PKO	
	W3NRJ	UY2UZ	K1XE	138
149	W9GM		K2JK	AJ8B
7N2JZT		143	K4SAF	DL5KUT
DS4DRE	146	AA4MM	K9AAN	DL5ZB
ER0FEO	AB2E	AA4UC	K9AQ	G0FWX
JS6SCC	AE5B	AA8KY	KA5VFU	HB9DVZ
K2KIB	G3LAS*	AF3X	KC1ERO	JA0CVC
K8SMC*	HB9HHH	EA4D	N1BCL*	JA1PVX
K9EXY	HP3TA	HB9AAA	OH3PYY	JA1VRY
KM2E	IZ0GVZ	IU8IYE	W1NA	JJ1OKK
KP4DS	JA3KWZ	J68HZ	W6HDG	K2JL
N0LGU*	JG3RWX	JA1MOD	WK8A	K2YSY
N0STL	K0COM	JE3FOR	WK9U	K3GW
NE0U	K6NR	K7QBO		K5CD
PY8WW	K8ARY	K9BQL	140	KC9G
RT0F	K8POM	KE4FW	AD9DX	KF6A
UA9MC	KB9AIT	KG6D	EI6JK	KU9S
WA1EHK	KD3HN	KJ4R	EI7GY	N9XX
	N6RK	KM4HQE	EI7JZ	OD5YA
148	SM3DXC	KN7K	EW4C	PV8ABC
4F3BZ	VU2NXM	LB2TG	HB9GWJ	W0UHL
A71AM	WA2MUA	N2YBB	IZ0FUW	WA5POK
IK3GBG	WA5NOM	N4UP	JA4FKO	WA8LRW
JA4GXS	WW8RT	N7ZA	JH1BHW	
JF2AIJ	XE2B	TF4M	K0UBR	137
J13BFC	YB1BML	TG9AJR	K7VC	DL2RD
K5EWS	YO2DFA	W4UFO	KM2O	G3PSM
K5LY	ZS6UT	W7VS	LA8PDA	HL1MKT
K8ZZU			LZ2HM	JA4DNC
KA3GWD	145	142	NZ9Z*	JF2RSF
KL0S	4O3A	DF1IR	W3DIY	JQ1PCX
KL7TS	5T5PA	DL8DWL	W5VU	K0KV

K1BZ	W5BK	DL5KUA	NU4Y	ZS6AKU
K2CDJ	W7QHE	I8NLC	OZ6TL	127
K2RKJ	W7SX	IW5EIJ	RC3FL	7Z1HL
K4AU	WB3AVD	IZ0COI	TA1PB	AG4TO
K4NTO	WB6FWS	K4BNF	W1MO	DJ5DT
K6EGF	WB9IWN	K8OS	W8BLA	DL9GTB
K6IRA	WO5I	KG8OU	W9CTJ	G8BCG
K8MRT		KI7HO	WB8RFB	HK6K
KB7QFE	134	KK5ID	YB2IQ	I2YPY
KP4N	AB0RX	M3DFW	YO8PS	I4JEE
N2KI	AB1J	N3TR		JA0BES
N4KM	AK9B	N4EDT	129	JE2VYM
N7VZ	EA6AZ	N4QOG	AD6KQ	JG1LRE
N9NFT	IZ8DEO	NN3V	JA0AVS	JG2LGM
NU1T	JA6GXP	OZ3SK	JA1PLT	JH1HRJ
PY2CP	JH3EQP	SM7DXQ	JA2ACI	JI1MNT
SM5CSS	JR0GXA	TF5B	JA3WMS	K0ARM
SP3EPG	K3KY	UW7UA	JH1RFM	K2RET
TA1AL	K7FL	VU3WEW	JN1SUT	K3WGR
W2NY	K7YZO	W3KHZ	K7ORK	K7LFY
W4UEF	K9SUH	W4MC	KB4KBS	K9UWY
W9CSX	KA9JCP	W5FL	KJ2U	KF3N
W9MR	KD2SC	WA1HXH	NN2D	LA2LI
WA0WOF	LB5GI	WX0Z	OH3FVP	N0AB
WG0G	N6XT	ZS1EL	PY3OG	N3GTG
WS1F	ON6ZV		SM2YIP	N4GBK
	SM3WMU	131	VK5CE	N4TD
136	W3ICM	7L2QAD	W7TG	N7WI
CT1ESO	W4UAT	JE4KCN	WB9W	NA1RL
EA5KA	W5AAJ	K2WJ	XE1LI	NC7B
IS0EBO	WB1DX	KA5IAU		NG9J
K7STO		KB1HY	128	ON5EQ
K8CQ*	133	KF2OG	A71XX	VE3EDY
LA9GX	7J1ABD	N9DR	EA1AHA	VU2MSA
ON5GF	DK5RL	NN6K	EI2HY	W0MF
TF3VS	DL4ZAB	NO0B	EI3IO	WB2KSP
VE3FRR	DL8OH	OE3JAG	EI5JL	
W0ANZ	GM1BSG	W4EJG	HL2DBP	126
W4GH	HB0WR	W5EC	IK1UGX	AE7U
W4PGM	HK4EB	W6OUL	JH1AWJ	CU7AJ
W4PV	JE1COB		K6OJ	EI4HH
W8OM	JM1JIV	130	K7PTC	G3XLF
	KG6WIK	AA4QE	K9UO	GM7NZI
135	KI4TZ	CT1HHP	K9YKL	IK4TVP
AB4FH	LA2IR	DL1SWN	N0JR	JA5CDL
AK5Q	LA9KY	EA7LS	PU4MMZ	JA5XPD
G0THF	OH7HM	JA2LMY	R3BB	JG1RYQ
HZ1GW	VU2ABS	JF3VEC	UR9IDX	K4TXJ
JA1DCK	W1GY	JH3PRR	V31CQ	K5KDX
JA3MIO	W1ITU	JL4BSE	W0QD	K5SES
JA7MWC	W3MF	K0BX*	W6IS	K6CW
JH1SOD	W9SE	K2MHE	W8BI	K7PO
JJ1HLL	YB4CHP	K9JDP	W8WV	K8GT
JL2ULM		KF5WCP	WA4UWD	K9QA
K4OP	132	KN4JX	WC4V	KC5RR
NH6L	AK3E	N2YF	WP4CQ	KK4CB
S53MJ	AK6I	NS4F	WQ1H	

N5HC	KB8DID	N6VH	CT7ABD	W8EOG
N5RN	KC4AA	N9ATD	CU2CE	W8PAT
N8YQX	KD9ZR	NJ1Q	DL9SAD	ZL2AO
N9AVC	KK5J	NT4K	DS3DNT	
NX8Y	KS4WA	SV7CUD	DS5QLJ	118
OH3DP	N0YO	UT9LC	F5AQB	6K5AQY
OH4KRN	N9BVA	W0JMP	IK8IPL	AA2T
VE3TMG	W6ELI	W1HEO	IT9JPS	AE1T
VR2VGM	W6ND	W1KKG	JA0JPD	DJ9KM
W2KNG	WW5L	W5HNK	JA1DCO	IZ0RPS
W8VI	ZL3REX	W6HB	JH5OTE	IZ1JIZ
W9COS		WA5YOM	K9CHP	JA6CMQ
XE3E	123	WA9DU	KD5R	JA7MAD
	AE5FM	XE2MX	KJ6Y	JH1XFR
125	DJ6OZ		LU3XX	JR7ILA
AC4XO	DS4DBF	121	N1TQP	K9KJS
AC7JM	G6NHU	AD5MD	N3DV	KA5JSM
DM5JBN	IK0XKP	DB4RG	N3GS	KB3KJ
EI8GS	IZ8LMA	DD0VE	N4PGL*	KD3UY
G0OSK	JA0PZJ	HA2EQD	N4UFP	KD9BIE
G4EHT	JA1GLE	IK6BMU	N8IK	KG5VK
IK8PGE	JA2HOL	JA1CPN	NR2D	KX6C
IZ2MHT	JH1RVQ	JA1EYN	NT9F	LZ1XZ
JH8FIH	K2JGL	JI5WDC	PP2FN	N2ADE*
JP1GVC	K6LPO	K0MD	VE3QAA	N3HYB
K5NOF	KD4EE	K1LTJ	VR2ZXP	N4ZY*
K8YAH*	KO8SCA	K3CWF	VU3RGB	N8KUS
KC2STA	LX2SM	K3HPA	W1RG	VR2CC
N5ZC	N1BKB	K7YMG	W5RYA	WA8RCK
NA7RH	N8AYY	KB3IFH	W6GJB	WB5TOI
NN6CH	N9RE	KG5NP	WA7HQD	ZS2I
SM5AFU	OH3TY	KK4ODQ	WT5L	
W0XE	ON6YH	KU2A	YB0AZ	117
W4AO	PY2ADR	N3ER	ZS6NK	AD7L
W5CWQ	VE3VHH	N5ZY		CE3FZ
W6PG	W2WGK	N7UJJ	119	DL2VWR
W6UC	W4UT	NA2R	AA4FU	F8EZE
WA2BOT	W5GOL	NY4G	EA3NG	IS0BZR
WA4TMJ	WB8TGY	OZ6EI	F5BAR	IZ7QFN
WM4AA	YB9WZJ	TA1L	HL2MHU	JA6SQR
WR2G	122	UA0FDX	JA1WTO	JM3GXU
	AA0BH	W0DD	JA6JYM	JR1KBJ
124	AA5B	W2ARP	JK1NPH	K0FF
DJ3EJ	AB5YI	W3/NH7C	K1EDG	K0YL
EC4KW	F4GTB	W3JXP	K2CYS	K4AEH
EI8IQ	G0HSA	W4CC	K4RM	K9BO
G4RGK	HC1HN	W4KCM	K5VG	K9LCR
IT9YOZ	JA9ALR	W5UQ	K7LOL	KB2S
IZ5BYJ	JR1HYA	W7PC	K8EB	KB5CSQ
JG3KMT	K0HQW	WB7BBQ	KM4CQG	KO4PY
JL6USD	K4VAC	WT3Q	LU9DO	KP4ED
JM1LPN	KA5SYP	WU9D	N8LCU	KZ1X
K0RAR	KB4ET	120	SV1BYI	N1HO
K3SUI	KN9N	AC4TO	SV2KF	N8AGU
K6VVK	N1QY	AE5LK	W1ZK	OZ1HPS
K7HC	N1ZZ	AI2S	W5IO	VE7NY
K9ARZ			W6ZPL	W3DQS

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W4ARK	MM1PTT	K1JKR	AA5TL	W1ZZ
W4DWS	N7PIB	K4JDJ	EI9CN	W5JE
W4PG	NA4MM	K4JLD	F8DZY	W8TE
WB9WHQ	NE1RD	K4TR	G4ZWY	YB1SKR
YO6HOY	NI4Y	K5VR	IZ0CKJ	YO5QAW
116	NW6V	KB2TGU	JA4DLF	ZS5LEE
AA0FT	OE5MPL	KC0V	JA5EEU	109
AB4BJ	W3HKK	KG2U	JE1TNL	AA4RX
AC4VM	W4BH	KG4OJT	JE6PJP	AC8TO
EA5GXI	W4OV	LU3JVO	JH3LCU	DL9QJ
EI4BZ	W5WS	N3PV	K2KYH	F8DHE
G4FTC	W7FI	N8JS	K8ZEE	G0MMI
G8GHD	WA7BNG	NA9L	K9JIG	GM4KHE
IZ2CSX	WB9ZNZ	NS4X	KB8KIM	JA5GOJ
JJ1XVA	WS4H	S52R	KC9WPS	JH4GNE
JT1CO	114	SV2DSJ	KD2NF	K2OO
K2GLS	G3CWW	VA3AYA	KM5VI	K6JAD
K4LCP	HC1HC	VE3FAC	KM8AM	K9JE*
K8JRK	I0BJV	VK7ZE	N0TR	KB7DT
K8MN	IZ8EYN	W3JM	N1BZ	KX5U
K9GWH	JA1CPU	W6BBS	NT5O	KY6AA
KB8ZUN	JA8EIA	W7CD	PT7CB	M0AQM
KC1RET	JG4OOU	112	TA2RC	M0MCV
KD5RBU	JL3RNZ	3C3CA	W5GCX	N6RVI
N2ZL	K3PL	7Z1CQ	W7WT	NN8L
N4KEB	KB1W	G0DTX	W8LR	NW6R
N7TM	KI8AE	G3YFE	WB8PKK	NX1P
OE6CLD	N1AH	IK4EWN	WB9B	NZ3M
RW6MBC	N3DD	IS0BQE	WU4B	NZ7Q
SM1NJC	NA1DX	JA2CPD	110	PF7M
VK6OZ	NG8T	JA4RED	AC0B	PV8DX
VR2IL	NK5K	JF3AHI	AF8C	SP7ASZ
VY2RU	VA3OKG	JH0LME	AG5Z	TA1UT
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W7QC	W2ZK	K0XM	EA1BLA	W3GP
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WA7HR	WN0L	K7RAN	G4VWI	W5SG
WX3P	XE1EE	K9KDS	HG6IA	W7CB
115	YB2BNN	KH6P	IZ1EPM	W8MSP*
AA9WO	ZS4JAN	KK7BR	JF3KOA	W8PE
E74A	113	N8AID	JH1FRW	WT9U
EI5GM	AA5H	NK7Z	JM1CMA	WW5RC
EI5KO	AC9GK	NQ4A	JR2PAU	108
HL4RBR	AK0A	S51DV	JR4DHK	7M4CLF
IV3KCB	EA5DPL	SP9IZV	K3MSB	AC8MR
IW2FLB	F5EOT	W1FC	K4KAL	DB9CR
JA0NPQ	F8GB	W1HQ	K4RP	DL1TPY
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JH8LEY	G4NAQ	W4AFB	K6DJ	DL2NAI
JJ2VLY	G4YCS	W4LLP	K6SLO	DM5TI
JM1JZN	IU8GNY	W4MA	K9TVG	DU1IVT
K8CR	JA4CSJ	WD8LTM	KC3AK	EA5XV
K8RCT	JE3OUW	WN1M	N4NYY	G5CL
			NG0G	

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IK1RKN	V31MD	AP2IA	JF2OHQ	KQ6K
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JA2DCN	W8JA	DL9GTK	JQ2MPJ	NB3R
JE2DOD	WM4W	E29TGW	K1TWF	NI5G
JH1OVY	ZP6CW	F5VIF	K2CQW	RX3BP
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K3XO	106	HL4GHT	K5JUC	W1USN
K4GHS	AB1NS	JA1JYS	K5NV	W4CU
K8LBT	AB6WQ	JA1SZN	K7UW	W5IP
KC8YG	AC5AA	JE6UWU	K8CJY	W7JET
KE3ZT	AC7DX	J11DMH	K8WVA	W8EH
KO4XI	AC8IL	JJ2BLV	KB7V	WA6URY
LU2AH	DS2GOO	JK1AKA	KE4YOG	WA8KNE
N2IFA	EW4DX	K0MB	KJ2AM	YB1ALL
N3YZ	G0OJG	K1ETA	N1FOJ	ZL1IM
N5FPW	G0RPM	K5WE	N3PW	
N5TW	G3LPS	K6GCN	N4LSJ	102
NZ6N	H17SB	K7CMZ	N4PAJ	4X1VF
TF3MH	JA3AOP	K7CTV	N4ZR	5W1SA
VE7VV	JA5IBP	K8FB	N8TEM	AC0XY
W4DVG	JF7NNI	K9DUR	N8WXQ	DB2WD
W6CN	JG1XBM	KK4MA	N9AZZ	E70X
W7KKC	JJ1IRS	KR0P	NA8W	HB9MZI
WB5ZAM	JO4JDU	LA9JKA	OM6CI	IZ7QSS
WC4B	K5TU	LZ1JZ	OZ9U	JH1IHG
WF7T	KA9TOX	N1TQ	PA0QRB	K1AJ
	KI4NSP	N9IXD	PY2YW	K1EO
107	KM8V	NC1M	RV4LC	K1MDA
AB7RW	KR4U	NK7L	VK3MB	K2CJ
BG8PA	KT5V	OH6IH	W0VU	K2DH
DJ5FZ	M0PCB	PV8RR	W9GXR	K2DW
DK2GP	N4DJT	VU2DED	WB7QXU	K4HR
E73D	N6UOZ	W1PY	WQ8T	KB1AWM
EA2BFM	N7MW	WD4OHD	WX0B	KW1X
EI5GSB	NG4C	WK3A	YB1BUL	N0UCR
G4NBS	NI7F	WU1U	YO6HSU	N2CJN
IC8XIL	NS7K	WZ9B	ZS6HON	N2FY
IZ1UKF	PT2DF	YU1LD		N4IR
JE1CTA	PY2OC	YV4EH	103	N4LS
K2FJ	UA0ABB		AF8P	N8KOJ
K2ZD	VE3BHZ	104	DS5JMG	N8TFD
K3GO	VE3XK	7N4OBV	EA2RY	NA4D
K4LQ	VU2MB	AA2WC	EI9GLB	NN5O
K6DLB	W0TLX	AA6XV	JF1KIG	R9GM
KA4LBD	W4/KL7GLL	CT3DZ	J11FXS	S51MA
KB0EL	W7GB	EA4EJP	K0BRO	SM0XG
KC2THY	W7YED	EI3HA	K0OOK	US8ZAL
KF2G	WA3IIA	F6ARS	K2RNY	VK2GR
LU5OM	WA8Y	FM5FJ	K3PIN	VK7AP
N0MHL	WB2UFF	G0DRM	K3TXW	W4GHW
N7TP	WJ1B	GW0ANA	K4NI	W5TMC
NI8Z	WS7I	HA5DI	K4SAW	W7HJ
PP5VA	ZL3PAH	HB9BMY	K4ZMV	W7IMU
RM6LW		JA0NZR	K6XJ	W9GWP
SV3EXP	105	JA1CC	K9WMS	W9LU
TA1CQ	AA2F	JA1DHY	KA7CVJ	WB4PWZ

WB7QBS	PA3AIN	HB9GZE	N5CR
WB8LEM	R2ARR	IK7NXU	N5LJL
WD9IOK	RZ6MJ	IZ4IRO	N5LKE
WF4W	SM0BSO	JA1IHD	N7WFK
WL7OU	SV2BXA	JE7KCI	N7WR
WN9A	SV4FFL	JG3LDD	N8HM
XE1SAX	T88UW	JG5VFK	N9MKC
YB0EIN	TF1A	JR4VEV	ND0B
YB9AY	TG9AKH	K1HC	NE3K
YO6BHN	UA4PK	K1JX	NM4SH
ZS2ACP	VA2GA	K1PTF	NT5EE
	VK4BUI	K2UF	NX6D
101	VU2OT	K2UT	OM2AGN
AA9D	W0ZX	K3NO	OV2B
AB4EJ	W2GHD	K3RRR	OZ9GA
C31MF	W2PD	K4GM	PV8AJ
DD9WG	W3RMS	K4QS	PY5VC
DL3XAC	W3SW	K4WM	R2AB
EA4UV	W4PM	K5DXR	UR8IDX
EA8TZ	W6OU	K5LLA	VA2EU
F4FLF	WB5KSD	K5MMH	VE1JF
G3VDB	WD4IXD	K5PSN	VE3KKB
G4GEE	WM5H	K5VSD	VR2PX
GM0SCA	WU6K	K7VL	VU2OY
HB9PUE	WX7B	K9EA	W0PPA
IK2HLM	YB8HZ	KA2F	W1HS
JA1KZP	YO2OXD	KA4H	W3BNN
JA2KPW		KA9JAC	W4CG
JA5ALE	100	KB6IGK	W4YR
JA5JUG	2E0XAR	KC2NJ	W5PD
JK3NSD	9M8DEN	KD0KZE	W5YKU
K1RE	A41ZZ	KD1DT	W6KF
K3AXB	A71EM	KE1IU	W6OZI
K3LA	AA7UN	KE7BMG	W9KM
K5HX	AB2NI	KE8NOA	W9MB
K5WRE	AC9DX	KF8PD	W9ZT
K6ME	AD4J	KG4URP	WA2ALY
K7GA	AE4VJ	KI0G	WA2VJL
K8PGJ	AJ6V	KI0HA	WA3UTC
K8YE	AK1P	KI3O	WA3YZD
K9GL	AK4AO	KI4PG	WB0RXQ
KB5YN	DB6VH	KI4SFT	WB2MKX
KC3OPI	DC1TK	KJ4FZ	WB2ZEX
KE9UA	DK1MCS	KJ4SKO	WB4MM
KJ5RC	DK7GH	KJ8N	WB6RAB
KK6VGE	DL3ANK	KK6MF	WD1M
KU4A	DL5JH	KL7XO	WD4GZW
LA2XNA	DS3EXT	KN4WOJ	WI0E
LA3ANA	DS4GQR	KV3W	WM4D
M0PTZ	EA5PS	KZ4EX	WM9Q
M5LRO	EI2FG	N0ATQ	XE2AD
N3CAL	EI4DQ	N0VTZ	YB6LAY
N4PF	EI4GJB	N1KI	YE1AR
N9MR	EW4A	N1UZ	ZS6CR
NC8I	F5JWH	N2TC	
NZ1I	G8GFF	N3NVA	
OZ5JQ	G8GNI	N4GOA	