

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 05 May 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 PY4OY SP9FKQ* W2YC W3LPL W9IXX	334 DJ9ZB EA4KD JA1BK JA5AQC K2PLF* K3KO* K4XO N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A W4PK	K3UA K4XP N2LT PY2BW 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 K1ST K2FF K4HGX K5NA* K5RK N3XX VE3XN W0BV W2LO	333 EA6SX F6EXV G0JHC G3XTT JA0EOK JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU WD5COV	331 DJ9HX F6DAY HB9BGV I4AVG IK8HJC JA1HGY JA2KVD K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ W9RPM WB6RSE
346 N1DG SM3EVR	340 AA1V DJ2BW* DJ9KG JA4DND JH4IFF K4UTE K9QVB* N0AT NN4T PA3FQA SP5CJQ VE3EJ	335 AG9S JA4LKB JA5AUC JH4UYB K8SIX N0XA N4KG* N5UR N5ZM OK3GU PE5T SP8AJK W0MHK WK3N		
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			
342 DF3CB JR2KDN K4DY K4MQG KF2O	338 CT1EEB JA5EXW K9NU SM3NRY W1DIG W7UT		332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA0UUA JA2FBY JA4DLP JA5MHD K1OA	330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN

JL1UXH	YO5BRZ	I5NPH	W5TCX	JE1SYN
K3WC		IZ0AEG	WI8A	JH3CUL
N4JF	327	JA2DPC		JI1DHY
N8JV	DK5WL	JF1WPB	321	K6AM
N9IW	DL2OE	JF7XKY	AD1C	K7NN
OE3GCU	HB9AMO	JH8RZJ	G4CCZ	KV7K
OK1MP	IK4BHO	K0CA	HB9BIN	N4DB
SP3E	JI8DGO	K5KC	JA0GJJ	N4PQX
YU1FW	N6JV	N8BM	JA2BDR	PA3EWP
	PY2YP	OE8HIK	JA3AZD	R5AJ
329	SM2GQC	R3OK	JH3VNC	SV1FJA
AA7A	SM5DJZ*	SM6CCO	JH4ADV	UA3AP
EI7BA	SP8NR	SP9DWT	JJ3PRT	W5WT
HB9BZA	VE3FF	W1RM	JR3OEH	
I4MKN	W2IRT	W9OL	K2UO	318
IK5HHA	W4UM	WB4TDH	K2VV	A45XR
IK6DLK	W5XX		N3NT	AA4HP
IT9DAA		323	NK1K	AD5A
IV3JVJ	326	DK9KX	OE6MDF	DJ4AX
JA2JW	AB4IQ	EA3GP	OE8RT	DL6KR
JA7KY	I4EWH	JA9APS	OH2BLD	EA1YO
JE2URF	JA1SJV	JF1KKV	ON4IQ	G4PWA
K0EU	JA7MSQ	JH2FXK	OZ1AXG	JI2KXK
K4ZYU	JH1TWT	JR3GWZ	SM6DHU	K2TE
KD5M	LU2NI	K8PT	UT7UJ	K4IQJ
LA5IIA	N4JJ*	KF0QR	W3GH*	K5DU
N5AW	N7RT	N5TY	W8GC	K9IR
NJ6P	RA3CQ	SM4DHF	W8OI	K9YY
NO8D	RU3FM	SM6CMU		LA2PA
NR1R	RZ3AM	SP1S	320	PY5EW
OZ1CTK	SP6M	VE2TZT	DF2RG	R3VA
SP7GAQ	SV1RK	W3NO	F5PAC	RA7A
W0DJC	W8DCH		G3TXF	W3KX
	WJ4T*	322	I2EOW	W4FC
328	YO9HP	CT1BH	IK5PWQ	
AA1ON		EA5BY	JA3PIS	317
AA5AU	325	G0DQS	JA4FKX	AA4V
DL7MAE	CT1APE	HB9DHK	JE2LUN	EA2IA
G4OBK	CT1IUA	IK4GME	JH1IFS	IK2YCW
GM3POI	EU7A	JF3KON	JR2LJO	IK8YTA
IZ5EKV	JA2FJP	JH0INP	K1LD	K2RW
JA6BZI	JA5WIZ	JJ2LPV	K6FG	K6YUI
JH1GZE	JS2LHI	KU0A	N4II	KA9CFD
JI4POR	K0DEQ	KW9A	N5XZ	N2BJ
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K4CN	K9EU	N4DW	SM5KNV	W6VX
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K4QL	SM4EMO	N8RR	UY5ZZ	
K9CT	SM5CZQ	ON4CD	VE3EXY	316
NI0G	SP5DIR	R7DX	VE3LYC	DL5WW
PY5EG	W6RLL	SV8CS	W6XA	GM0GAV
R4GM	W9OP	UA3AB	W7AO	HB9HFN
SL0ZG		UA4CC	YV1DIG	JA2JNA
SP6CIK	324	VE1DX		JA8EAT
W5FKX	DL5DSM	W1ECT	319	K3WA
W5ZN	EA5BM	W3LL	FK8CP	K4HB
WA1JMP	I0WDX	W5CIA	JA1XEC	K8YTO

KQ8M
LA7HJA
N4QS
RV3LO
SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315

9H1SP
AB6QM
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HB0CC
IK4DRR
JA8RJE
JR2BJE
JR7VHZ
K8NVR
KE9L
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OE3EVA
ON4AOI
ON4IZ
PY2NQ
SM3VAC
UX1UA

314

CT4NH
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JA2AH
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K4UEE*
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF

313

5B4MF
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AB9V
DK2NG
JA5IU
JR1BLX
JS3CTQ
K5BG
K6TA*
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N8KOL
SP3CGK
W1GL
ZS6EZ

312

CT1DKS
DK1FW
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IK2QPR
JA1SYY
JA2IVK
K1HT
N5ORT
WA2VYA
WP4U
YU3AA

311

F3SG
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JO7WXN
PY2XU
UR0MC
YB5QZ

310

I3BUI
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JA7QVI
JR6FC
K4EM
K8FL
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LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG
W4BP
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309

DJ5FI
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HK3W
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KX4R
NN4SS
NU8Z
R9TO
RU3QR
RW3RN
RX3AGD
UA4LY
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WB8BPU

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K0GY
K1AR
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K8OM
KN5O
KS1J
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OE1WEU
R7NW
SV1CNS
VA5DX
W2QO
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WA7NB
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307

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JH1QAX
JJ3HGJ
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K2SHZ
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KC6AWX*
NE1B
NI6T
NS6C
OZ4O
SM5JE*
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W7OM

306

DL1KUR
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JH1NYM
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W9RN
WB9CIF
WD0DAN

305

A65BR
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SM3NXS
UT2UB
W1YM
WA5VGI

304

DK5AD
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K8AC
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R7FK*
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W7CT

303

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HL3IUA
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K5WAF
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K7ZA
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RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
WT8C
ZS1LS

302

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IZ2AMW
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JG4AKL
SP2BMX
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WD4LBR

301

AA5AM
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JA1IZZ
JA1LSP
JA2WYN
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KI0KB
N9AU
RN3QN
US5WE
WB5JID
WE9R

300

AA8CH
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HB9SLO
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JA9AA
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PA3CSR
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299

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UA9FAR
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298

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297

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296

AA8OY
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SV9COL
UA6YW
W9JA

295

AD6W
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HL2IFR
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K6SIK
KD3CQ
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SV1GYG
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YO2RR

294

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HB9CEX
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JE1GWO
JE8CLT
JK1EXO
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KZ4V
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SV3DCX

293

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K9MK
N2LM
PY2IQ
S55DX
W9AJ
WA4FFW

292

AI9L
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N8II
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SP5IWA
SV2AEL
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WA3AFS

291

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W3RJW
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ZS2DL

290

9K2OD

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EC3A
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JE2EHP
LA2QM
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LU3CQ
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SV3AQR
UN7TW
VU2NKS
W2LK
W3OA
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WB9EEE
XE2CQ

289

AJ6T
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JH1BAM
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N2NL
N7TY
R0FA
UN6T
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YB1UUN
YO2CMI

288

I1EIS
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N6UK
SP9JZU
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W1EQ
W1YIF
W2LE
W2NO

ZS2EZ

287

9M6YBG
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JA3EOP
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RM0F
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UN7JX
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W4YCH
W7BEM
WA6F

286

4Z4DX
AB5A
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JA5BEN
JA7LGE
JG0CQK
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K1RO
LU8EKC
RA0FF
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W5VY
W6PJ
W8AXI

285

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JA2VMU
JK1GOK
K6GXO
K6PJ
OE1WHC
W8AV
WK7E

284

EI9FBB
JA1WSK
JA2FGL

JA3DY*	W8TN	JA8EOT	273	DK8MCT
JG3SKK	XE1KK	K2AJY	CT1FCX	DS1JFY
JH3SIF		K8UT	JA1XPQ	EA1KY
JN1BMX	280	N5LZ	JA2TBS	F9XL
K0BBC	GM3PPE	UT7UV	JA6BEE	JN1RQV
K0TPP	HA5VZ	UW2ZM	JH3GCN	K0BJ
K9SM	IK0HFO	VU2PTT	K5PS	K7UA
OE5BWN	JA2IYJ	W3BW	N4IG	K9JF
PY2KP	JA6TMU	WF2S	OZ1ACB	N4QQ
SM0CCM	JH4ALY	WT4Q	RW7M	PU2POP
SM6CTQ	JR6LLN		UR5WA	VE6LB
SP3IBS	K1GG	276	W4HG	W8HC
W2AY	K4WNW	DK3WW	W8RLS	WL7E
W4FQT	LZ2JE	HB9LCW		
W5ODD	PY2DS	IZ5BAM	272	269
W8BBQ	SM5CZK	JA7FWR	AF9H	IK8EPC
	W8LGJ	JA7LMZ	CT1GFK	IZ3ENH
283	WA9PIE	N5MOA	E72A	JA1OVF
EA6ET	ZS4TX	ON4CAS	EI9JF	JA1VLK
HB9CQK		RX4HZ	F5PBM	JE3ENP
JA1RTX	279	SM0NJO	HA9PP	JP1NWZ
JG3FEA	AJ9C	SM5CLE	HK1MW	K0KT
JL1XMN	HL3GOB	VE1JBC	IK5PWN	N4UOZ
K3WW	JA1FQI	W1ZT	JA9FPI	NW7E
K5DHY	JA9IFF	W5GO	K3FRK	OM4EX
K9NW	JE8TGI	W9FR	K7EG	PE1L
LA8HGA	JF2XGF		K8BL	SM5FWW
LU4FPZ	UN7LZ	275	KI4GE	W1MK
N7IR	VE3EK	EA1AF	LA3MHA	W4MAY
N7RO	VK3HJ	HL2WA	OE5FIN	YB1AR
OE8SPW	W3JX	JA2JRG	PA0ZH	
RA1QD		K0GD	SV1ACK	268
S57AT	278	N2JJ	W1YRC	JA1NWD
W1LW	9A4T	N7KA	W2OO	JK1TCV
W6BJH	DL5CW	N8PW	W3AP	K1DG
	EA8RR	PA7RA	WN6W	K1MAA*
282	F2NH	W4OX	ZS1A	K9MBQ
GM3YOR	I4KDJ	W9MJ		KD4W
IZ0RVI	IV3GOW	WO7R	271	N2AJ
K5UO	IW1QN		4X1RU	N5JB
NT0V*	JA8LRG	274	AA8R	N6TA
RD3AW	K1USA	DL6JZ	I1FQH	NA5DX
SM4CTI	K2UR	EW1KP	IK2DZN	OH1ZK
UA0BA	K3UL	IK0AGU	IZ8EJB	ON6AA
W7AL	K5RT	IW0HOU	JA0DET	SM5ENX
	KD0PO	JH1IAQ	JE6TSP	SM6BGG
281	VE3CRG	K1DT	JM1HJG	W8QZA/QRP
AD5Q	VE3DZ	K3PT	K3PU	WA1YTW
EA5OX	W8MHW	K6UM	KS3F	
EI2GLB	ZL4TT	KA8ZPE	N8LJ	267
F3AT		KJ6P	NK0S	4X6ZK
IZ8FDH	277	NA5C	UA3TT	AA4FL
N2WB	EU1KY	OE2GEN	WA3C	JF2WGN
N5GH	F5UJK	RA5BM		JG8FWH
N8SNM	IT9CVO	SV9AHZ	270	JI3CJP
W0LS	JA0PE	UA3ECJ	CT1EAV	KB1EFS
W7ZJ	JA3ENN	W0EWM*	CT3MD	R8TX

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SM5FUG	WB2GAI	TG9NX	BH4QYX	UA0FO
W1KSZ	ZS6NJ	WA0MHJ	EC1A	WF4U
		WA5LFD	FG8OJ	YB0COU
266	262	259	IK4HPU	252
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IZ8VYU	I5REA	AA9A	JA6GPR	G3KWK
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JJ1TKN	JA8BAR	EW1BA	JH4GJR	JA1BNW
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PZ5RA	K8AV	K5VWW	M0TTB	JH4CBM
RA4CA	KF2DT	K6IPM	N9ISN	JL1BYZ
W0FLS	LA9FFA	N4JQQ	W9HBH	K1ESE
WB3LHD	ON5UE	NI3P		KI1U
	W5ZG	PY5CC	255	LA5YJ
265	W6NWS	SM4AZQ	AI6Z	N6RV
G3WPH	W6RS	W2FV	IV3TMM	NT5V
JA4FM	W7LGG	W7AH	JA9NLE	SM7IUN
JO4CFV	W7QDM	W8KEN	JE2DZC	W2ZI
K2CBI	W9PZT	WA1S	JH4HMG	W7CA
LB2TB	WA3GFM		JK1OPL	WS9V
N5KM	WB8ART		K1UU	
N9JV		258	K9FN	251
W7MEM	261	DK7YY	KR4F	9A4W
WB2BIN	HB9RYZ	HB9IQB	N1RK	AA6AA
	IZ8IEV	JA9AGN	VR2XMT	DL2RTL
	JA2XCR	JH1BNC	XE1MEX	F1ICS
264	JH3KAI	KH2L		JA5BGA
4Z1UF	K2FW	OH4UI	254	K1SM
DF2GH	K7LJ	SA0AQT	BA7IO	K4VIG
EA1KP	ND4X	US0YA	CT1BWW	K8CW
F6DBX	NK4L	W1SSN	DL1HRN	N4SC
JA8DNV	OM8FR	W4LSC*	E72U	N5UL
JA8ZO	SM7CQY	ZL2IFB	JA3VPA	W1KDA
JR4LNG	W0GG		JA3WLN	W2JLK
KA1ERL	W4UCK	257	JH1VUO	W4SK
LA0FA	ZS6WB	AF4HX	K3SEW	W5GAI
N1GC		BA4RF	KI5BLU	W8JRK
PA7TWO	260	CT1FPQ	N4LR	
SV1CQN	7M4AOE	DJ0UT	UA3O	250
VE6AX	AB4SF	EA7SG	W7YAAQ	CT1DOF
W5PF	EA8MT	EB3CW	WA0RVK	EA3EQT
	EA9IE	IK2PZC		EI6FR
263	EC1AIJ	IK4AUY	253	HA7TM
DK4TP	EI8IU	IK8VRH	CT1BWU	IK0UTM
EA3CJ	FG5FR	JJ1DWT	CU2DX	JA8CJY
EA4DL	JA1KPH	N3VA	DS5ACV	JL1MWI
HA7UW	JA2FBC	N6HC	G3UAS	JR0EQQ
JA7XBG	JH3FUK	N6PSE	HB9DHG	KQ3F
JR8AMF	K8YSE	OH1JP	JA6IVR	N1SV
K1KO	LY1G	PY2MC	JE2RDO	OZ4VW
K8FH	N6MZ	RU1AB	K6MKF	PA0JSE
KN6KI	N7BT	SV1VS	K8DV	PY2FN
N1RR	NN4X	W8MET	KE1F	UN3G
W2OIB	NX0I	W8MJ	N7XR	
W3ACO				

W7HPW	245	JR1MLU	JE2VLG	W9OO
W7IU	AK5X	K1CA	JF0JYR	WY6N
249	JH7BKN	K4PB	JH3FHQ	YB2TX
IZ4DPV	JR3UIC	K7FEL	K9OR	235
IZ8GGF	N0AH	N2NS	KA4RRU	EU1U
JA8FFM	N5BO	N3RC	KF7F	JE1IBI
K7XB	NZ3O	N6HY	M0CSD	K0VSH
K9NR	S55ZZ	N6KZ	N4PJ	K4QE
N8OC	W6DE	SV1IW	N9UA	K5CWR
NA5Q	W9JJB	241	W4KA	K8ZM
NU1B	YB0NFL	AB5C	WA4QMQ	N2FF
OZ5NJ	244	AF5CC	WA6JA	NW4M
SM4OLL	EA5RD	HC1BI	WB0TVY	TA1CM
UN3GX	HB9BUN	IS0AFM	WQ6Q	W7YW
W0RX	HL2KV	IZ8FWN	237	WB8CQV
W1OPD	JA1CZI	JF2VAX	CT1BOY	234
W9RC	JA4VLK	JP1IOF	G0VXE	DF7EE
XE2D	Ji6IHG	K4RG	IW3GJF	DK2CC
248	K0KG	K7KB	IZ5YHD	HB9BYQ
HB9DOT	K1EFI	KV1E	JA0LXP	HB9JOE
HL4GAV	K1PL	W3ABT	JH1DGQ	HS1NGR
JJ1SKG	K1YR	W5DNT	K1RV	IK0LNN
LA6UL	K4JJW	W5QM	K2NV	JA1EMQ
N4XP	K6EID	W9EWZ	K8YYY	JA8XQI
OZ1LCG	K8RRT	WV6E	N4HID	JK1BSM
VE3YF	N1EN	240	SM0MPV	K4MF
W5JAY	OE3HWC	7K1CPT	VU2CPL	KE5FXE
247	SP6A	GU0SUP	W2XI	KE8UM
HL3DE	W4REX	JA1DM	W8UN	N4HB
JA1DDZ	W5PJR	JA2FSM	WA0ROI	N4OA
K3VAT	WA3F	JE1HRC	WB8B	ND4V
KM1D	243	JR1WCT	WB8ZRL	NV4B
N7DED	CT1FUH	KF0LA	XE1RBV	S51NM
VE3YV	CT3KN	N0ABA	YO3JF	W3WST
W2GW	DS5TOS	UX5UO	236	WA4CEM
W8IQ	G4XRV	W0SZ	AA7G	WA4JQS
WS5W	JA2EPW	W8IW	FG4NO	WA5UA
246	JA7BEW	239	HB9ZS	233
IV3KFB	JF1LMB	6K5YIA	HL2CFY	AA9GR
JA1VRU	K4ZO	DJ9RR	JA1HOM	AJ4A
JA2QXP	K8ME	DL9FCY	JA1JYE	CU3EQ
JA7HRM	LA9VFA	IZ1JMN	JA3KNN	EA4DEI
K1FEV	N1API	IZ2FOS	JK1UNZ	I0JBL
K4KAY	N4QWZ	JA7KE	JN1NOP	JA4HAW
K6BV	NV9L	K2XF	K1ACL	K8BN
K9YC	SV1FJP	K6EME	KM3J	K8EAB
N2DPF	W1BR	N8SHZ	KM6HB	KJ7M
N3KN	W8OP	SP6JIU	N4GN	N2NW
W1KMA	242	W0JM	N6IE	N9BX
W3FI	DH2PC	WB7B	OE2BZL	NE3F
W3ICM	HL3AMO	238	PA0TCA	PY5IP
W5ZO	JA4ZA	EA1JO	SV1HEP	SM0XBI
	JH1WJR	HB9MFM	W0HBH	W2NRA
	JH4ADK		W2TB	W6RW
			W4GIW	

W6YOO	AJ8MH	IK7FPV	IZ8MBW	NA5Z
WB2KSK	IK2GAJ	K2BA	JA1IAZ	ON4ATW
WD8PKF	JA2OLJ	KB1DMX	JH1DGJ	PA3BWD
ZL4AS	JE1VTZ	KH6M	JR1VAY	SM0DSF
232	JK1VXE	KK4OK	K6IPV	UR4IOR
EA1RT	K0HD	KX2A	KG9Z	XE2X
JA3BXF	K3FM	N2KX	KI6CG	219
JA5NPV	K4CMS	N5ET	KW4V	AG1A
JA6CBG	KD1F	N6BM	N1NU	F5JSD
JH1APK	KI4DLS	N9AOL	N4ENE	HL5BMX
JH6DUL	N4NW	VK4CAG	VE7TK	K5JZ
K0DD	W1WC	225	W4PNY	K9ZM
K4ST	WA1PMA	DK5RL	W7IB	KG6I
K5FNQ	228	DS5DNO	222	KI7AO
KF7PG	F5LIW	EU1M	AA0MZ	N1KC
NY2NY	GW4TSG	JA3QOS	DJ9SO	N6DX
OZ1IKY	JF1RYU	JH1UBK	DL5XL	NA9RB
RK4FD	JH1ERJ	JH8NQV	E77S	W6GRV
RQ3A	JH2PWY	K0OK	F6ECI	WB4KTF
W2/CT1GIF	JR7GBL	K1JIU	IZ7AUH	218
W2YR	K1XV	K5YU	JA9NFO	DL2NOM
W3FOX	K4JC	KA8SYV	JM1VRW	DL4NBE
W6CYX	K5FZ	MU0FAL	K2AT	DS4AOW
W9ZCL	KS4S	N9SF	K6ZZ	I7PXV
WV4TN	N6PM	SM3LGO	KJ7TEA	JF1MTV
231	RA3QUA	W3MR	N2SQW	JJ1QUV
AD5WB	W2DXE	W5GZ	OZ7FOC	K1NTR
G3KMQ	W9FI	W5TFW	RA4P	K3EA
HL2ZN	WB8K	W8UV	W6AER	K9JU
IW7DVM	227	YO9FNP	221	KE3D
JA1MZL	DL2RUM	224	E21EIC	N4JT
JF2WXS	G3VPW	DK3PZ	EA2AAZ	TZ4AM
JH0AWC	HL2EIZ	EA7QW	HI8RD	VU2CDP
K2SN	I0MWI	JA3FHL	JI1NJC	W8CZN
KD6UO	IK8UHA	JA8NFV	JR7FRW	W9KVR
NA4EA	JA0DWY	JK1WSH	K5DV	WA2NPD
SM7NDX	K1GE	JO1LVZ	KK9H	WC4H
W0QQ	K1KA	K1CBK	KU4XO	217
W4UDH	K5GH	N3RW	RU0SN	AB4UF
230	N4IQ	N7WO	W4DEE	DH0GSU
DK6OR	N6OJ	NH6T/W4	WB0O	EA5B
F6HLC	NF4A	OE3KLU	220	JA2NNF
G3LUW	W5SL	RW4CY	AA6RR	JA7ZP
J11VVB	W6DR	SM7BHH	DL4DW	JG5RVQ
KB9DAK	W8GNM	SP6AXW	EA5DFV	K2HAT
N0RN	WA2USA	VE3SKX	EI9FVB	KB5UNX
W5DM	WA8MCD	WN6K	JA6AVT	N6QI
W8WVM	WA9GON	223	K1DJ	OZ0J
W9YE	WC3W	AC9EM	K4EU	SV8DOU
WB2NPY	YL2KF	AC9O	K4MIJ	W0TM
229	226	AF2C	K5MT	216
AA3LX	DM2RM	EA7DUD	K6MM	CX2CC
AE0P	HA5PT	I8MTQ	K7AWB	DJ3XG
	I0OSI	IK2RZP	KZ9DX	

G4VMX	JN7DOS	KE4UW	RD9M	KM9E
HB9CXZ	K0QQ	PY2WC	SP7ICE	KV4AA
HB9DQV	K2AZ	S54A	TF3DC	KW4CQ
IZ0NRG	KB6CIO	W5THT	VK2CA	W4GP
IZ1JLG	VK3BDX	W5WV	W4GE	W7IV
JA1FJJ	W0KCJ	W7FP	W7NN	W8LMG
JA2VHO	WB6BFG		W9QO	XE1L
K3NQ		209	YB0MWM	
K7LV	213	7J1ADJ	ZS1J	203
KK4OW	9A1AD	AH0J		F5NBX
KR4W	AG3V	K0VM	206	IK2RGT
NC4RB	DK3UA	K5ALQ	3A2MW	IZ0BTV
PS8ACL	DS3HWS	KB4MRX	HB9CRV	JA7JPZ
W0SR	IK1IYU	N0ODK	IZ4DIW	JH8NBJ
W9MO	IV3FFI	N6PEQ	JF1IRW	K0CS
WB3D	JA0EVI	NE6I	JH0BQX	K4JKB
WS1L	JA1FVS	PU1KGG	JN1NBU	K9OW
215	JA3NHL	SM5BNK	K0MN*	KA1DJ
9H1EJ	JR1EFG	W3BJ	K8NK	KM7R
AA7XT	K2RU	W6DCK	KF9UG	N3PS
G4FKA	K4JWA	W8HMK	KK5OQ	N4TV
HB9EFK	K9GA	WB0ULX	KK9T	N6PAT
IZ0BVU	LA5SJA		N4TOL	SV1FKZ
JA4CZM	N8GP	208	N8BJQ	W5RF
JE1PNX	NA2M	DL8SDC	NA2AA	WA3FRP
JE2UFF	VK3FM	JA1PBV	NA9Q	
JH0OXS	W2KA	JH0NOS	W9DX	202
JH5HDA	W8WEJ	JR3VMJ	WA3WZR	AA9RR
JT1BV	212	K0THN	WA6G	DF3EC
K2XB*	G4ZOY	K2PF*		IK5BOH/2
KF4NEF	JA1BWA	K4CGY	205	JR4LZX
KR6C	JH3GFA	K4WES	CU3AN	K1NJ
KX4TT	JJ1BMB	K5RJ	DL4LAM	K9TF
N8NN	KU4BP	KS4YT	DL6UNF	K9WX
RN9N	PY2RO	LB5WB	HB9BNQ	N8WD
V51B	SM5AOG	LB6KC	JA4DHN	NU1O
VE7BV	SP5LKJ	NW6S	K3WWT	W1AW
VK3NX	W5DAW	OH7TV	K4YYL	W1DYJ
W0FG	W5GA	W5FPT	KE6V	W3NS
W0TT	WK4Y*	W6WF	N9KW	W4RDX
W1JGS		WX2U	OH2IS	W7TUS
W2PP	211	207	OH3OJ	W7VY
W4IS	JA3LDH	9K2BM	UN9L	WE2N
W6SL	JJ1KZZ	G8AJM	W7HR	
W7JY*	KD2T	JE2EBT	W8BLA	201
WE1P	KT2C	JF1WLK	W8FIB	AA8SW
WE4S	N1BY	JF2OZH	WA4MME	GI4OWA
WV9L	VR2XLN	JH2VVH	XE1J	JH1IED
WW8W	WA3I	K9FZ*		K0MFI
ZL2AL	210	KE1VT	204	K4YJ
214	JA1OVD	KK2M	EA2AFV	KK1W
DJ3AS	JF6XQJ	KV4T	HB9DVO	LA9GX
EA5AR	JR2PZX	M0IKW	JH1OBS	PY2GG
F4GVO	KD4SN	N9AKR	JJ6DGP	RT5A
I5XFD	KD8RQE	OE1JIS	JR0QFA	W6AEA
		ON4ANN	JS6TWW	W9IL
			KB5HC	

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	N6VNI	I5FLN
W1FA	W7PAQ	G3WW	NU4B	I8LWL
W4DAO	WA1NXC	HL4CCM	W4WN	JA7FAS

JG1JPE	N3ME*	VE1VOX	NX2X	NK7C
J11CQA	NY1V	W0PE	OV5O	NX4TT
K7LAZ	SP5ELW	W4AEJ	SM0EUI	OZ3SM
KG4JSZ	W0ZS	W4LEW	WY7FD	VE1OP
KK8MM	W4CCS	W7WZ	172	VE2YG
KL7TC	W4TUN	W9WO	EI1DG	W0OGH
LA5LT	178	WA3GNW	G3SBP	WA4USA
N8NA	EA8AXT	175	JA7DPC	169
N8NB	G4DDL	AG5CN	JA7FVA	DM3CW
ND3L	I4UUL	JA0LFV	K5TA	JE1PHH
ON6KE	IW0BYL	JH6RTO	KC2SST	K3VAR
VK5GR	JA3UNA	JO3WHB	LZ1XL	K4WY
VU3CAU	J11WLL	KD4POJ	N3AO	K5CD
W6SFK	K0NV	KF6HI	OH2LHE	K9OT
WV2I	K1ZE	LZ2ZG	SP5ES	KF9AF
WV8DX	K4GO	N6DHZ	WC0W	K12D
181	KR2Q	N7NG	YB4IR	N5MT
IZ4AIB	KU1T	NS3L	171	RD3BD
JH1FNU	N2ZA	NW7US	AD3C	SM7WVZ
KY6R	VU2LBW	UA1OM	CT2GZE	SV1IZY
N6NU	W7HUY	UA9AGX	DL5MM	W0AIH*
N6VS	WB6AXD	XE1R	F9CI	W7IAN*
N8HRZ	177	YB0DJ	IK3GBG	W7VAS
NV4A	4X6UU	174	JM1SZY	WA4NUF
SV8CKM	IU0ICA	AG7N	JS6QOM	168
UA9AEU	JA3EEM	DF8FT	K2MK	A92IO
VU2IBI	JE4RAL	DL5KUA	K2TV	AA5N
W2OR	JF1LZQ	JK7LXU	K6ZP	AG4Q
W6TK	JG3KLF	JR3TOE	KB0V	EA5HM
180	K0EOO	K5CR	KC5LK	EW1P
A61BK	K3OX	K9HQM	KP4DKE	JH1ORA
AA4AK	K8YE	K9UQN	KW9U	JP1LRT
JH1IZR	KF4VTT	KZ5DX	N8WRL	K1VI
K0IL	KP3V*	LA6OP	NA6O	K2SY
K2SD	NA6MG	N4PYI	W0MU	K4KGG
K5TN	NC2Y	N5QS	WA4DOU	KF0RQ
K8SL	SM5CBM	NN5E	WA5KBH	KM4VI
N4MIK	VK2AAH	VU2DCC	WI7P	LU8ADX
NA5S	W0IKD	W5WI	170	LX1CW
NZ5O	W1AO	WA4BIM	4X6KJ	N4ST
VK2HV	W1OP	WB0N	DL2JIM	N6MB
VR2XYL	W4KVS	WQ5T	EI5KO	OE1ALW
W1LE	YB1TJ	173	EI6AL	PP7LL
W4DSM	176	AB6CF	JA1BON	R4FAN
W5SUM	DL6NW	AI9U	JA1GVT	VE3YXO
179	IK0CHU	HB9FBG	JQ1YIW	WX0Z
AF6PK	JA1ERB	HB9HVG	K1ZJA	167
DL5MHQ	JR1FHP	K5ZQ	K6JJ	JA3AVO
K1RH	K5DCW	K6UNE	K7CU	JA8BOV
K4WZ	KK7YC	K7PT	LA2GH	KB8NTY
KE5TD	KT8D	K8JE	N4VN	KE3X
KJ6NZ	N1JP	LA9VBA	N5PA	KH6XT
KZ2R	N2MEE	N7HN	N6EM	KN7D
N3KV	OZ9XU	N9DR	N8VV	N1ZJ

N7VPN	PT7DX	KM4A	WD5BJT	W1MR
PY2SEX	S50B	N7QT	XE1MW	W5JMW
WA0SXV	W6SIY	N9LEO	ZS6C*	WA6QGH
WA5NFC	WA5CMI*	NA6XX		WB4YDL
WB8BZK	XE1YD	OK2ZDL	158	ZL3RJ
166	163	SM3PHM	9J2BS	155
AL7R	AA4OC	W5BK	G4SGX	AB4GE
DL1SVA	AA8KY	W5RDW	HK3PJ	DK3QM
HL4XM	AE4M	W6DOE	IK3DVY	IV3TDM
JE3PCP	AI4QQ	W9GG	JH3EQP	JR3ADB
JJ1BDX	DS4NPL	YB2DX	JJ1KXB	K2DF
JR6GHN	EA1AZ	160	K3DFL	K4EZY
KN4FO	F4CPF	AC0DQ	K4HQB	KQ4EE
KR4BD	HA5BSW	E70T	K8GWU	M0IFT
LA7EIA	IU8IYE	EA1WH	KB2XJ	N7WS
SV2CLJ	JR6LDE	HL1VAU	KF7NN	NO9E
W4PGC	K0ABC	JA1ITJ	KJ7NO	OE1HNB
W8SAX	K0CF	JA1UOA	N4XXM	TF3JB
WA1ZIC	K4GN	JA7JM	W2CG	UT7EC
WB3JFS	K4MV	JR1CAD	W8LIG	W5SV
YO3AIS	KD1AB	K5VR	WB2RAJ	YB1AYO
ZS6IR	KE1B	K7LY	WT2P	
165	KW4MM	KC9K	157	154
AG6HE	LA1CO	KF2OG	7N3IJT	AJ8B
CU3HN	N0AMI	KL0S	AA3AZ	DK1NAL
EI5JL	N7KDT	KM4NS	E20YLM	DS5WQT
IK0XIH	R3IS	N0IW	EA3HDZ	JA0GZZ
JE4WOK	SM7CZL	N4MEC	EI2JD	JA4HXF
JF1KML	VA2LC	N5WA	JA3MHA	JA8ANQ
JK1DDG	W1OK	N8IL	JA4FKO	JH1AQN
K2AX	W1XV	NI5F	JM1ESG	JH7WQX
K3VPZ	W8MIL	SV1XV	KN7Y	JK1BIB
KG4CUY	YO3DDZ	W1ASB	KW1DX	JL1GYZ
LA2XPA	YO3IPR	W1TO	N4MI	JR3QHQ
N2RJ	YO4AUL	W9FF	N6MM	N7JB
N3KS	162	W9NIO*	NP3CW	NE5W
RA0BA	BH4IGO	ZS6RJ	PY1NS	SM0BYD
SP7QHR	DF2UA	159	W4NBS	W4CIR
VK3TC	DJ7JC	EA1P	WD8KND	W6FL
WB2WPM	DS3EXX	F4DSE	156	W8TM
WB9PNU	EA2AGV	IK0WMJ	DK8IZ	WA9MAG
164	F4WDL	JA0ED	EA3HPX	WN7J
AC4BT	HS8KAY	JA3PRM	F1RAF	153
CT3DL	JR4CZM	JK1EBA	G4AYU	HB9BEM
DL7JRD	KA1API	JK1JAS	GM0VRP	JA3UOQ
EI6IZ	N4BAF	K0IO	GM3WIL	JR7MAZ
IZ0GVZ	WA7BNG	KB7AK	JA2ODB	K0COM
JJ1JMZ	161	KW4J	JA9RT	K0LB
K6CF	HL3ERJ	LA4JGA	JH2AJY	K3HW
K6GFJ	JP7FSO	LA8ZAA	K1ROA	K4OY
KD8MQY	K1BZ	N1MD	KA9OKH	K8ROK
LB7ZG	K2CYS	NE5S	KC4HN	K9MMS
N2XQM	K2OP	OT1A	N4QM	K9YZ
NA2P	K4AR	VA3NXM	N7GCO	KK4XL
		W1EBM	N7RD	NOVVV

N2ZZ	WF8R	K5LY	XE2B	N2YBB
N7NW		K8ZZU	YB1BML	N4UP
N7WI	150	KA3GWD	YO2DFA	N7ZA
NC7B	DK3BK	KL7TS	ZS6UT	OH3PYY
OH3FVP	DK3FB	LZ1MDU		TF4M
SP5NON	HB9EBM	N0TK	145	TG9AJR
W4DTA	HB9MXY	N3ND	5T5PA	W4UFO
W8VK	IT9ABN	N9ATF	AA5TL	W7VS
WB4SON	IT9IPQ	NJ6K	AL7TC	
	IZ2MHT	TF3Y	EA4S	142
152	JA6SUY	VE6TL	IW1PUR	AK9B
5P5Q	JA7GZM	W4AG	JH1CTV	DL8DWL
AC6BW	JG1GJH	W9MAK	K5FXB	JA0MRW
BX5AA	JG3RWX	XE2YWH	K8WHA	JA1PUK
DF2WF	K1QN		KQ5M	JH6PFY
DU1KT	K5HK	147	KS0M	J11UHZ
G4AFJ	K9RT	AB9KZ	N6KK	K0SRL
IK5BSC	KI7M	EI3CTB	N8TFD	K3GT
JG2LGM	N6JOJ	F6KOP	PT2ADM	K6TAR
K2EK	N9IO	G3VQO	W2RS*	K8MRT
K4RDU	NG9J	IS0/YO3RA	W7NP	KA6BIM
KD2OV	ON6ZV	JJ0LZQ	WB9B	LA1J
KE9S	VR2MY	JK1OTP	WR7Q	NF7D
ON4LG	W3KB	JL6USD		NN9X
R9JX	W4NE	K0PC	144	RL3BZ
W6RFF	W8QXR	K3GGN	AD0TR	YO8CRU
W8FN	ZS1C	K4NTO	DL6DCD	
WA6EZV		K5UZ	G4FTC	141
WA9IVH	149	KB7QFE	GM0VIT	7K3QPL
YV4DYJ	7N2JZT	KB9LIE	JL3DGI	9H1AE
	DS4DRE	N8JS	K1TKL	AC9S
151	ER0FEO	SV8RX	K4SAF	EI3ISB
4O3A	JA7MAD	W0QC	K8OS	HB9EXQ
AA4UC	JS6SCC	W3NRJ	LA2IR	IZ0FUW
AB2E	K2KIB	W9GM	N5UE	IZ3XEF
DF1IR	K8SMC*		NZ0O	JR3PKO
DL4KUG	K9EXY	146	RN0C	K1XE
JA2BUR	KM2E	AE5B	UY2UZ	K2HT
JH2NWP	KP4DS	G3LAS*	WB9W	K2JK
K4DET	N0LGU*	HB9HHH		K9AAN
K7LAY	N0STL	HP3TA	143	K9AQ
K9AAA	NE0U	JA3KWZ	AA4MM	KA5VFU
KE4BKL	NO0B	JH1BHW	AF3X	KC1ERO
KE8G	OZ1HPS	K6NR	EA4D	N1BCL*
KK4CLY	PY8WW	K8ARY	HB9AAA	W1NA
LZ2XF	RT0F	K8POM	JA1MOD	W6HDG
N4AA*	UA9MC	KB9AIT	JE3FOR	WK8A
N7MB	WA1EHK	KD3HN	JR7ILA	WK9U
NU4I		KM2O	K7QBO	
SM0NUE	148	KM8AM	K9BQL	140
VA3EJN	4F3BZ	N6RK	KE4FW	AD9DX
VA3HP	A71AM	SM3DXC	KG6D	EI6JK
W3HER	J68HZ	VU2NXM	KJ4R	EI7GY
W5WLA	JA4GXS	WA2MUA	KM4HQE	EI7JZ
W6WA	JF2AIJ	WA3SKQ	KN7K	EW4C
WA9JWL	J13BFC	WA5NOM	LB2TG	HB9GWJ
WC2C	K5EWS	WW8RT	N1QY	JG1RYQ

K0UBR	PV8ABC	W7SX	JM1JIV	OE3JAG
K4TXJ	W0UHL	W8OM	K9JDP	PT2ND
K6EV	WA5POK		KG6WIK	W4EJG
K7VC	WA8LRW	135	KI4TZ	W5EC
KC3AK		AB4FH	LA9KY	W6OUL
LA8PDA	137	AC7JM	N1BKB	
LZ2HM	AD0K	AK5Q	OH7HM	130
NH6L	DL2RD	EI2HY	VU2ABS	AA4QE
NZ9Z*	EA7LS	G0THF	W1GY	CT1HHP
W3DIY	G3PSM	HZ1GW	W1ITU	DL1SWN
W5VU	HL1MKT	JA1DCK	W3MF	I4JEE
W9BS	JA4DNC	JA3MIO	W9SE	IK1ZNM
WB1ASL	JF2RSF	JA7MWC	WB9ZNZ	JA2LMY
WB8EKG	JF3VEC	JH1SOD	YB4CHP	JH3PRR
WW6G	JH1SBE	JJ1HLL		JL4BSE
YB3MM	JQ1PCX	JL2ULM	132	K0BX*
	K0KV	K4OP	AK3E	K2MHE
139	K2CDJ	K5VG	AK6I	KF5WCP
AA4DD	K2RKJ	S53MJ	I8NLC	KN4JX
F5VML	K4AU	TA1PB	IW5EIJ	N2YF
HB9ARK	K6EGF	W7QHE	IZ0COI	N7TM
HB9DTE	K6IRA	WB3AVD	K4BNF	NS4F
HL4CBX	KP4N	WB6FWS	K4WM	NU4Y
JE3OUW	N2KI	WB9IWN	KG8OU	OZ6TL
K0QB	N4KM	WO5I	KI7HO	RC3FL
K9QJ	N7VZ		KK5ID	W1MO
K9TRV	N9NFT	134	KX5U	W6UC
KX4I	NU1T	AB0RX	M3DFW	W9CTJ
NOCKC	PY2CP	AB1J	N3TR	WB8RFB
N2SG	SM5CSS	DL4ZAB	N4EDT	YB2IQ
N5FEE	SP3EPG	EA6AZ	N4QOG	YO8PS
N7NF	TA1AL	IZ8DEO	N5RN	
R9MJ	W2GGY	JA6GXP	NN3V	129
WB8QZM	W2NY	JR0GXA	OZ3SK*	AD6KQ
ZL3TE	W4UEF	K3KY	SM7DXQ	AE7U
	W5GOL	K7FL	TF5B	JA0AVS
138	W9CSX	K7YZO	UW7UA	JA1PLT
DL5KUT	W9MR	K9SUH	VU3WEW	JA2ACI
DL5ZB	WA0WOF	KA9JCP	W3KHZ	JA3WMS
G0FWX	WG0G	KD2SC	W4MC	JH1RFM
HB9DVZ	WS1F	KN4OK	W5FL	JN1SUT
JA0CVC		LB5GI	WA1HXX	K5SES
JA1PVX	136	N6XT	ZS1EL	K7ORK
JA1VRY	CT1ESO	NJ1Q		KB4KBS
JJ1OKK	EA5KA	SM3WMU	131	KF9LI
K2JL	IS0EBO	VA3OKG	7L2QAD	KJ2U
K2RET	K7STO	W4UAT	DM6MA	KO4PRE
K2YSY	K8CQ*	W5AAJ	EI5GM	N8BK
K3GW	K9UO	WB1DX	GM4KHE	N9AVC
K6CW	NT5EE		IK1UGX	NN2D
K9UWY	ON5GF	133	JE4KCN	PY3OG
KC9G	TF3VS	7J1ABD	JK1NPH	SM2YIP
KF6A	VE3FRR	DL8OH	K2WJ	VK5CE
KU9S	W0ANZ	GM1BSG	KA5IAU	W4MA
N3PV	W4GH	HB0WR	KB1HY	W7TG
N9XX	W4PGM	HK4EB	NM1G	XE1ILI
OD5YA	W4PV	JE1COB	NN6K	

128

A71XX
DL9SAD
EA1AHA
EI3IO
HL2DBP
JH1AWJ
JN4FNZ
K6OJ
K7PTC
K9YKL
N0JR
PU4MMZ
R3BB
UR9IDX
V31CQ
W0QD
W5MF
W6IS
W8BI
W8WV
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127

7Z1HL
AG4TO
DJ5DT
DL9GTB
G8BCG
HK6K
I2YPY
IK2ULM
JA0BES
JE2VYM
JG1LRE
JH1HRJ
JI1MNT
K0ARM
K3WGR
K7LFY
K9BO
KB8KIM
KF3N
LA2LI
N0AB
N3GTG
N4GBK
NA1RL
ON5EQ
VE3EDY
VU2MSA
W0MF
WB2KSP

126

CU7AJ
EI4HH
G3XLF
GM7NZI
IK4TVP
JA5CDL
JA5XPD
K5KDX
K7PO
K7YMG
K8GT
K9QA
KC5RR
KK4CB
N5HC
N8YQX
NX8Y
OH3DP
OH4KRN
PY2OP
VE3TMG
VR2VGM
W2KNG
W8VI
W9COS
WA2BOT
XE3E

125

AC4XO
DM5JBN
EI8GS
G0OSK
G4EHT
IK8PGE
JH8FIH
JP1GVC
K5NOF
K8YAH*
KC2STA
KK5J
N5ZC
NA7RH
NN6CH
SM5AFU
VK2DAG
W0XE
W4AO
W5CWQ
W6PG
W9EBO
WA4TMJ
WM4AA
WR2G

124

AA5H
DJ3EJ
EC4KW
EI8IQ
G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JG3KMT
JH1XFR
JM1LPN
K0RAR
K3SUI
K6VVK
K7HC
K9ARZ
KB8DID
KC4AA
KD9ZR
KS4WA
N0YO
N1HO
N9BVA
NT4K
W6ELI
W6ND
WW5L
ZL3REX

123

AE5FM
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA
JA0PZJ
JA1GLE
JA2HOL
JH1RVQ
K2JGL
K6LPO
KD4EE
KI0HA
KM4CQG
KO8SCA
LX2SM
N6DVR
N8AYY
N9RE
NT9F
OH3TY
ON6YH
PY2ADR
SP9IZV
VE3VHH

W2WGK
W4UT
WA7HR
WB8TGY
WX3P
YB9WZJ

122

AA0BH
AA5B
AB5YI
DB4RG
F4GTB
G0HSA
HC1HN
JA9ALR
JR1HYA
K0HQW
K0MD
K4VAC
KA5SYP
KB4ET
KN9N
N1ZZ
N6VH
N7UJJ
N9ATD
SV7CUD
UT9LC
VE3FAC
W0JMP
W1ES
W1HEO
W1KKG
W5HMK
W6HB
WA5YOM
WA9DU
XE2MX

121

AD5MD
DD0VE
EA3NG
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JI5WDC
K0YL
K1EDG
K1LTJ
K3CWF
K3HPA
KB3IFH
KG5NP

KK4ODQ
KU2A
N3ER
N5ZY
N7TW
NA2R
NY4G
OZ6EI
TA1L
UA0FDX
W0DD
W2ARP
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120

AA2T
AC4TO
AE5LK
AI2S
CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA0JPD
JA1DCO
JH5OTE
JJ1XVA
K9CHP
KC9WPS
KD5R
KJ6Y
LU3XX
N1TQP
N3DV
N3GS
N4PGL*
N4UFP
N8IK
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB

W1RG	IS0BZR	AI5EG	113	KS0JD
W5RYA	IZ7QFN	E74A	AC9GK	KY6AA
W6GJB	JA6SQR	HL4RBR	AK0A	N1GNB
WT5L	JM3GXU	IW2FLB	EA5DPL	N8AID
YB0AZ	JR1KBJ	JA0NPQ	F5EOT	NK7Z
ZS6NK	K0FF	JA1UBZ	F8GB	NQ4A
	K4AEH	JH8LEY	G0UII	S51DV
119	K9LCR	JJ2VLY	G4NAQ	W1FC
AA4FU	KB2S	JM1JZN	G4YCS	W1HQ
F5BAR	KB5CSQ	K8CR	HB9GZE	W3WN
HL2MHU	KO4PY	K8RCT	IU8GNY	W4AFB
JA6JYM	KP4ED	KB4CRT	JA2CPD	W4LLP
K4RM	KZ1X	KB7V	JA4CSJ	WD8LTM
K7LOL	N8AGU	KG4URP	JA5SEY	WJ1B
K8EB	VE7NY	MM1PTT	JH1GNU	WN1M
LU9DO	W3DQS	N0TR	K1JKR	ZL3PAH
N8LCU	W3LWH	N7PIB	K2KNB	
SV1BYI	W4ARK	NA4MM	K4JDJ	111
SV2KF	W4DWS	NE1RD	K4JLD	EI2FG
W1ZK	W4PG	NI4Y	K4TR	EI9CN
W5IO	WB9WHQ	NW6V	K5WRE	F8DZY
W6ZPL	YO6HOY	OE5MPL	K9DUR	G4ZWY
W8EOG		W3HKK	KB2TGU	IZ0CKJ
W8PAT	116	W4BH	KC0V	JA4DLF
ZL2AO	AA0FT	W4OV	KG2U	JA5EEU
	AB4BJ	W5WS	KG4OJT	JE1TNL
118	EA5GX1	W7FI	LU3JVO	JH3LCU
6K5AQY	EI4BZ	WS4H	NA9L	K2KYH
AE1T	G8GHD		NS4X	K8ZEE
DJ9KM	IZ2CSX	114	S52R	K9JIG
IZ0RPS	JT1CO	G3CWW	SV2DSJ	KM5VI
IZ1JIZ	K2GLS	HC1HC	VA3AYA	N0ATQ
JA6CMQ	K4LCP	I0BJV	VK7ZE	N1BZ
JM1CMA	K8JRK	IZ8EYN	W3JM	NT5O
K0PX	K8MN	JA1CPU	W6BBS	PT7CB
K9KJS	K9GWH	JA8EIA	W7CD	TA2RC
KA5JSM	KB8ZUN	JE6PJP		W2FDM
KB3KJ	KC1RET	JG40OU	112	W5GCX
KD3UY	KD5RBU	JL3RNZ	3C3CA	W7WT
KD9BIE	N0UCR	K3PL	7Z1CQ	WB2UFF
KG5VK	N1GFV	KB1W	DS3EXT	WB8PKK
KX6C	N2ZL	KD2NF	G0DTX	WU4B
LZ1XZ	N4KEB	KI8AE	G3YFE	
N2ADE*	OE6CLD	N1AH	GM0SCA	110
N3HYB	RW6MBC	N3DD	IK4EWN	AC0B
N4ZY*	SM1NJC	NA1DX	IS0BQE	AF8C
N8KUS	VK6OZ	NG8T	JA4RED	AG5Z
VR2CC	VR2IL	NK5K	JF2OHQ	CT7ANG
WA8RCK	VY2RU	W0QKL	JF3AHI	DK4MX
WB5TOI	W3IZ	W2ZK	JH0LME	EA1BLA
ZS2I	W3MRL	W8LR	K0XM	EI9HX
	W7KKC	WD0AJG	K4HEB	G4VWI
117	W7QC*	WN0L	K4ZMV	HG6IA
AD7L	WA4VJK	XE1EE	K7RAN	IZ1EPM
CE3FZ		YB2BNN	K9KDS	JF3KOA
DL2VWR	115	ZS4JAN	KH6P	JH1FRW
F8EZE	AA9WO		KK7BR	JH1IY

JR2PAU	W8MSP*	G4NBS	KA9TOX	KK4MA
JR4DHK	W8PE	IC8XIL	KI4NSP	KR0P
K3MSB	WT9U	JE1CTA	KM8V	LA9JKA
K4KAL	WW5RC	K1FUG	KR4U	LZ1JZ
K4RP		K2FJ	KT5V	N0SL
K5GZR	108	K2ZD	M0PCB	N1TQ
K6DJ	7M4CLF	K3GO	N4DJT	N5JED
K6SLO	AC8MR	K4LQ	N6UOZ	N9APK
K9TVG	AC9DX	K6DLB	N7MW	N9IXD
KV3W	DB9CR	KA4LBD	NG4C	NC1M
N4NYY	DL1TPY	KB0EL	NI7F	NK7L
NG0G	DL2AMD	KC2THY	NS7K	OH6IH
TF8GX	DL2NAI	KF2G	PT2DF	PV8RR
W1ZZ	DM5TI	KJ4FZ	PY2OC	VU2DED
W5JE	DU1IVT	KS8W	UA0ABB	W1PY
W6TCP	E70X	LU5OM	VE3BHZ	WD4OHD
W7YED	EA5XV	N0MHL	VE3XK	WK3A
W8TE	G5CL	N7TP	VU2MB	WZ9B
W9GFB	G6MXL	N9AZZ	W0BM	YU1LD
YB1SKR	IK1RKN	NC6RJ	W0LGQ	YV4EH
YO5QAW	JA2DCN	NI8Z	W0TLX	
ZS5LEE	JE2DOD	PP5VA	W1USN	104
	JH1OVY	RM6LW	W4/KL7GLL	7N4OBV
109	K3DQB	SV3EXP	W7GB	AA2WC
AA4RX	K3XO	TA1CQ	WA3IIA	AA6XV
AC8TO	K4GHS	UX5XK	WA8Y	CT3DZ
AF3K	K8LBT	V31MD	WS7I	EA4EJP
DL9QJ	KC8YG	W5HY		EI3HA
F8DHE	KE3ZT	W8JA	105	F6ARS
G0MMI	KE7AUB	WB2MKX	AA2F	FM5FJ
JA5GOJ	KI4SFT	WM4W	AI1W	G0DRM
JH4GNE	KN4WOJ	WU1U	AJ6V	GW0ANA
JI1IZS	KO4XI	ZP6CW	AP2IA	HA5DI
K0FD	KW1X		DL2DCX	HB9BMY
K2OO	LU2AH	106	DL9GTK	JA0NZR
K6JAD	N2IFA	AB1NS	E29TGW	JA1CC
K9JE*	N3YZ	AB6WQ	F5VIF	JA1DHY
KB7DT	N5FPW	AC5AA	G3LOJ	JA1RBY
M0AQM	N5TW	AC7DX	HB9TJG	JH1MYJ
M0MCV	NZ6N	AC8IL	HL4GHT	JI4HKA
N4LS	TF3MH	DS2GOO	JA1JYS	JQ2MPJ
N6RVI	VE7VV	EA3AGY	JA1SZN	K1TWF
NN8L	W4DVG	EW4DX	JE6UWU	K2CQW
NW6R	W6CN	F6FHZ	JI1DMH	K4WW
NX1P	WB1S	G0OJG	JJ2BLV	K5JUC
NZ3M	WB5ZAM	G0RPM	JK1AKA	K7UW
NZ7Q	WC4B	G3LPS	K0MB	K8CJY
PF7M	WF7T	HI7SB	K1EO	K8WVA
PV8DX		JA3AOP	K1ETA	KE4YOG
SP7ASZ	107	JA3FRI	K2GW	KJ2AM
T88UW	AB7RW	JA5IBP	K5NV	N1FOJ
TA1UT	BG8PA	JF7NNI	K5WE	N2TC
W3ATV	DJ5FZ	JG1XBM	K6GCN	N3PW
W3GP	DK2GP	JJ1IRS	K6ME	N4LSJ
W4JDS	E73D	JO4JDU	K7CMZ	N4PAJ
W5SG	EA2BFM	K5TU	K7CTV	N4ZR
W7CB	EI5GSB	K6VWE	K8FB	N8TEM

N8WXQ	EA6UE	HB9PUE	YB8HZ	KB6IGK
NA8W	EI4GNB	IK2HLM	YO2OXD	KC2NJ
OM6CI	HB9MZI	JA1KZP		KD0KZE
OZ9U	IZ7QSS	JA2KPW	100	KD1DT
PA0QRB	JH1IHG	JA5ALE	2E0XAR	KE1IU
PY2YW	K1AJ	JA5JUG	9M8DEN	KE7BMG
RV4LC	K1MDA	JK3NSD	A41ZZ	KE8NOA
VK3MB	K2CJ	K1RE	A71EM	KF5MDZ
W0VU	K2DH	K3AXB	AA7UN	KF5TL
W9GXR	K2DW	K3LA	AB8YZ	KF8PD
WB7QXU	K4HR	K5HX	AC0DH	KG4IYS
WX0B	KB1AWM	K7BWC	AD4J	KI0G
YB1BUL	N2CJN	K7GA	AE4VJ	KI3O
YO6HSU	N2FY	K8PGJ	AK1P	KI4PG
ZS6HON	N4IR	K9GL	AK4AO	KJ4SKO
	N8KOJ	K9MQ	DB6VH	KJ8N
103	NA4D	KB5YN	DC1TK	KK6MF
AF8P	NN5O	KC3OPI	DK1MCS	KL7XO
DS5JMG	R9GM	KE9UA	DK7GH	KR4Q
EA2RY	S51MA	KJ5RC	DL3ANK	KV8P
EI9GLB	SM0XG	KK6VGE	DL5JH	KZ4EX
FM4LV	US8ZAL	KU4A	DS4GQR	N0OK
JF1KIG	VK2GR	LA2XNA	EA5PS	N0VTZ
JI1FXS	VK7AP	LA3ANA	EI4DQ	N1KI
K0BRO	W1GF	M0PTZ	EI4GJB	N1UZ
K0OOK	W4GHW	M5LRO	EW4A	N2YU
K2RNY	W5TMC	N3CAL	F5JWH	N3NVA
K3PIN	W7HJ	N4PF	G0GFC	N4GOA
K3TXW	W7IMU	N9MR	G8GFF	N5CR
K4NI	W9GWP	NC8I	G8GNI	N5LJL
K4PWS	W9LU	NJ2X	GW0KRL	N5LKE
K4SAW	WB4PWZ	NZ1I	IK7NXU	N7WFK
K5DXR	WB7QBS	OZ5JQ	IZ4IRO	N7WR
K6XJ	WB8LEM	PA3AIN	JA1IHD	N8HM
K9WMS	WD6T	R2ARR	JA2KGQ	N8URE
KA7CVJ	WD9IOK	RZ6MJ	JE7KCI	N9MKC
KL7NW	WF4W	SM0BSO	JG3LDD	ND0B
KQ6K	WL7OU	SV2BXA	JG5VFK	NE3K
M0UPL	WN9A	SV4FFL	JR4VEV	NM4SH
NB3R	XE1SAX	TF1A	K1HC	NX6D
NI5G	YB0EIN	TG9AKH	K1JX	OM2AGN
RX3BP	YB9AY	UA4PK	K1PTF	OR4K
VE7XT	YO6BHN	VA2GA	K2UF	OV2B
W4CU	ZS2ACP	VK4BUI	K2UT	OZ9GA
W5IP		VU2OT	K3NO	PV8AJ
W7JET	101	W0ZX	K3RRR	PY5VC
W8EH	AA9D	W2GHD	K4GM	R2AB
WA6URY	AB2NI	W2PD	K4QS	UR8IDX
WA8KNE	AB4EJ	W3RMS	K5LLA	VA2EU
YB1ALL	C31MF	W3SW	K5MMH	VE1JF
ZL1IM	DD9WG	W4PM	K5PSN	VE3KKB
	DL3XAC	W6OU	K5VSD	VR2PX
102	EA4UV	WB5KSD	K7VL	VU2OY
4X1VF	EA8TZ	WD4IXD	K9EA	W0PPA
5W1SA	F4FLF	WM5H	KA2F	W0RMS
AC0XY	G3VDB	WU6K	KA4H	W1HS
DB2WD	G4GEE	WX7B	KA9JAC	W3BNN

W4CG
W4YR
W5PD
W5YKU
W6KF
W6OZI
W9KM
W9ZT
WA2ALY
WA2VJL
WA3UTC
WA3YZD
WB0RXQ
WB2ZEX
WB4MM
WB6RAB
WB6RJH
WD1M
WD4GZW
WI0E
WM4D
WM9Q
WU1T
XE2AD
YB6LAY
YE1AR
ZS6CR