

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 19 May 2025, 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 SP5EWY	KF2O N6AR	W7UT	W0MHK W1YY WD5COV WK3N	W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN WB6RSE
346 N1DG SM3EVR W9ZR	340 EA8AK JA4DND K4UTE SP5CJQ	336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC	331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5HOT SP3E W5OZI W8UVZ
345 HA0DU JA2VPO OH1XX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK		
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
343 DF3CB K3FN K4MQG VA3DX W3UR				
342 JR2KDN K4DY K5UR				

330

AA1ON
DJ2YA
DL1AMQ
EA7TV
EI7BA
F6BKI
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
K3WC
K4CN
K4ZYU
K9CT
KD5M
N4JF
N8JV
N9IW
NR1R
OK1MP*
RA3CQ
SP7GAQ
VE3FF
W3NO
YO5BRZ
YU1FW

329

GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JA7MSQ
JH1GZE
K0EU
K1HTV
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP8NR
W5XX
WA1JMP

328

AA5AU
DL7MAE
IZ5EKV
JA1SJV
JA6BZI
JI4POR

K4QL
PY5EG
RU3FM
SL0ZG
W1ECT
W2IRT
W4UM
W5FKX

327

AB4IQ
CT1APE
CT1IUA
DK5WL
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH1TWT
JI2KXK
JI8DGO
K0DEQ
KW9A
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SP9DWT
SV1RK

326

EA5BY
JA9APS
JF1WPB
K5EK
K8PT
LU2NI
N3NT
N7RT
OZ1AXG
SP5DIR
W8DCH
YO9HP

325

EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JE1SYN
JF1PUW
JF3KON

JF7XKY
JH8RZJ
JS2LHI
K9EU
K9IR
OE2LCM
ON4IQ
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1RM
W6RLL
W9OP

324

DK9KX
DL5DSM
G0DQS
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JH0INP
JR3GWZ
JR3OEH
K5KC
N1NK
N8BM*
NK1K
OE8HIK
R3OK
VE2TZT
W3LL
W9OL
WB4TDH

323

AD5A
EA3GP
GM0GAV
JF1KKV
JH2FXK
JJ3PRT
JR2LJO
K9YY
KF0QR
N5TY*
N8RR
NY0V
OH2BLD
SM6DHF
UA3AB
W7AO

W8OI

322

CT1BH
EA2IA
F5PAC
IK4GME
IK8YTA
JA4FKX
JJ2LPV
K2UO
K6FG
K7NN
KA9CFD
KU0A
N4DW
N4NX
OH1LEU
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A
WP4U

321

AA4V
AD1C
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
KV7K
KX4R
LA7HJA
N4PQX
N5XZ
OE6MDF
OE8RT
SM6DHU
SV1FJA
UT7UJ
W4FC
W8GC

320

CT4NH
DF2RG
DM5EE
FK8CP
I2EOW
JA3PIS
K1LD
K4EM
N4II
SP7VC
UY5ZZ
VE3EXY
W3KX
W6XA
YV1DIG

319

DJ4AX
DK1FW
EA8AKN
IK4DRR
JI1DHY
JR7VHZ
K5MC
K6AM
N4DB
ON4AOI
UA3AP
W5WT

318

A45XR
AA4HP
AA8CH
DL6KR
G4PWA
HB0CC
JA2JNA
JH4JNG
K2TE
K4IQJ
K5BG
K5DU
LA2PA
PY5EW
R3VA
RA7A
RW3RN
VE3LYC
YO3APJ

317

AB9V
DK2NG
HB9HFN
JA2IVK

JO7WXN	314	JA1XCZ	NU8Z	WA5VGI
K2RW	AC4G	JA7QVI	R9TO	306
K6YUI	CT1DKS	JH1AGU	RU3DX	DL1KUR
K9MM	DL6CNG	JH1QAX	RX3AGD	DL5EBE
KE9L	EA6VQ	JR1BAS	SM2OAN	HB9DDZ
N2BJ	G3NDC	K1HT	UA4LY	IK4PLW
N4QS	HA1RB	N1IBM	W2JU	JE2LPC
NE1B	IZ8FFA	N5ORT	308	K5WAF
OE1WEU	JA2AH	RU3QR	DL2CHN	KD3CQ
SP1MGM	JA2ZL	SV1CNS	F4BKV	N4TL
UX1UA	JA5XAE	W7CT	HK4SAN	OE5RLM
W6VX	JR4OZR	W8HW	IU7QBB	R8TX
WX4G	JR9LKE	WB8BPU	JA1IZZ	R9FM
316	K2LS	311	JA2WYN	UN7JX
DF2UU	K5AQ	CT1FMX	JA7IC	US5WE
DJ5FI	KB0EO	IK0PEA	JA9TWN	305
DL5WW	KC9ARR	IZ2AMW	JG4AKL	DJ4XA
G0OIL	LA7AFA	JA2XYO	JH1SJM	JA1IOA
IK2QPR	MD0CCE	JA4MRL	JL1RUC	JA2VQF
JA8EAT	OE1AZS	JR6FC	K0GY	JA7BWT
K3WA	OE1ZL	KM4H	K0KVR	JA9GPG
K4HB	SM4DDE	OZ4O	K2UU	JE6TSP
K8YTO	SV1DPI	PY2XU	K8OM	JH7RXU
KG8P	SV1JG	SV2DGH	KI0KB	JR2UBS
KQ8M	UA6MF	UR0MC	KN5O	K0JUH
N5DG	UT9FJ	WB9CIF	KS1J	KG4W
RV3LO	UX0FF	WD0DAN	N8TR	N9AU*
SP1JRF	YU3AA	310	NQ1K	PA5TT
UA3DPM	313	JA0CRI	OE3SGU	RA9CMO
W1GL	5B4MF	JF8QNF	R7NW	SM3NXS
W7MO	CT1GFK	K0KX	SP9JZU	UT2UB
W9ILY	I3BUI	K5XI	VA5DX	W1YM
WA2VYA	JA1GRM	K6RO	VU2NKS	W5AJ
YB5QZ	JA5IU	K8AC	W2QO	W5XC
YO7LCB	JA6VQA	K8FL	W5ADD	YB1UUN
315	JA7JWF	LA9AJA	W6ENZ	304
9H1SP	JF2UPM	NS6C	W9MU	DJ9ON
AA5AT	JG3LGD	RA0FF	WA8WV	DK5AD
AB3CV	JH1NYM	RL9F	YS1RR	HB9CEX
AB6QM	JR1BLX	SP6HEQ	307	JA2NDQ
G3VKW	JS3CTQ	W0YG	A65BR	K8GI
HK3W	K4SO	W4BP	DK2JX	KC7V
JA1ANR	K6KLY	WB0TEV	F2JD	N7US
JA8RJE	LA7JO	WD9DZV	G0BLB	N9RS
JA9CWJ	LB8DC	ZS1LS	I5HOR	UY5AA
JN3SAC	N2NL	309	JA2XW	WE9R
JR2BJE	N8KOL	AA5AM	JA3GN	ZL3JT
K1BD	NN4R	HB9SLO	JA6WJL	303
K8NVR	SP3CGK	JA1EOD	JJ3HGJ	E72U
N5OK	W9RN	JA1VSL	K2SHZ	EA3GHZ
OE3EVA	WA7NB	K1AR	K3RA	G3LZQ
ON4IZ	ZS6EZ	K8QM	K9RX	HB9TKS
PY2NQ	312	K9ZO	NI6T	HL3IUA
SM3VAC	F3SG	NN4SS	W7DO	
	JA1SYY		W7OM	

HL4CJG	EI2GLB	K9SM	JA1FQI	JH1BAM
IK2RPE	IZ5RVG	KG7H	JA5SUD	K0BBC
IK4ADE	JA1SVP	KT1J	JE1GWO	K4ZO
JK1EXO	JA9AA	W6YI	JJ1DWT	KP2A
K7WP	K3XA	296	JR1DUP	LA5HE
K7ZA	K8GG	AA4R	K3PA	N2TN
K9MK	K8TL	AA8OY	K7ZV	N7IR
K9US	K8VJV	AD6W	KZ4V	N7RO
KB1JZU	PA3CSR	CT1DOF	N0KV	VE3CFK
LA3WAA	UR5EDX	EV1R	OE5BWN	W7BEM
RL3FA	W3OA	GM0AXY	RU6L	W8TN
RW4NN	W3RJW	JA1JAT	SV3DCX	W9FR
SM6CUK	W5VY	JA7LGE	W3JX	ZL4TT
SP2BMX	W6TC	K6FW	293	ZS2DL
SP3IBS	W9AJ	K8VC	DL1HRN	290
SP7HOV	299	LA8PT	DL1SMA	AA4A
SP7ITB	DM2DXA	N0RB	EA3WD	I4KDJ
W1SKU	EW2A	RA3QK	IV3YYK	JA1KQX
WT8C	G3SVD	SM6BZV	JA2CXF	JA1QXC
302	HB9RG	SV9COL	JK1TCV	JE2DZC
DJ5JH	IK5RUN	UA6YW	K4JAF	JE2EHP
EA1N	IZ4MJP	W9JA	KD0Q	KD0PO
F5CQ	JE1DXC	WA3AFS	N2LM	LA2QM
HB9DDO	K6SIK	YO2RR	N4RWG	LA5LJA
HL2IFR	KB8VAO	295	PY2IQ	LU3CQ
I1EIS	N9FN	DL1DUO	S55DX	PP1CZ
IW1ARB	UA9FAR	EC3A	W7ZJ	SK3PY
R5DT	UN6T	IW0SAF	WA4FFW	SV3AQR
RK4FD	VE3BW	JA1BPA	YO2CMI	UN7LZ
W0VX	298	JG0CQK	292	UN7TW
W4QN	5B4AHJ	JH4ALY	DL5CW	W1EQ
WD4LBR	DL7BA	JM1FHL	E72A	W2LK
301	G5LP	JN1RQV	EA5AT	WB9EEE
AE5E	HB9BOI	K0TPP	G4GIR	XE2CQ
CU2AP	IW0HQE	K1GG	G8DX	289
HP2AT	JA1WSK	K5VIP	HB9BAT	4Z4DX
IZ1LBG	JA4ITW	K5ZK	IZ3ETU	AJ6T
JA0DIN	JA5BEN	N7TY	IZ8VYU	AJ9C
JA1LSP	JL2JVX	NA5C	JA3EOP	DL9TJ
JE1LFX	JR7WFC	RM0F	K3FRK	EA6ET
JG8FWH	K2PK	SM5FUG	K5DHY	JA8EJO
JK1GOK	K8EUR	SP8HKT	K7ZD	JA9FPI
K4SE	ND0N	SV1GYG	LU4FPZ	JA9IFF
MM0EAX	PY2VA	VU2PTT	N8II	JG1WSC
PY7DJ	ZL1BYZ	W2GG	R6AF	JH4GJR
RN3QN	297	W5LT	SP5IWA	K3UL
SV2AEL	E73Y	W6XK	W4VIC	K4XD
WB5JID	HB9CQK	W7AL	W6SR	KK0M
300	JA3RQ	WA9PIE	291	R0FA
9K2OD	JE7JDL	294	G0EHO	RA1QD
AC0A	JE8CLT	AI9L	IK0HFO	VE3EK
DL1TRK	K4MS	CT1FCX	IT9CVO	W9YSX
DL4CF	K6ND	EA6NB	JA3ENN	288
EA1AF	K8WK	HA9PP	JA9FAI	IZ0RVI

JA2JRG	285	OH4UI	WB2BIN	275
LZ2JE	4X6ZK	PC3T	WO7R	CT1FPQ
N5LZ	CU2DX	RD3AW		JE1BMJ
N6UK	DL2SWN	SM4CTI	278	JG1OGM
ON6AA	EA3GHQ	UA0BA	9A4T	N2JJ
PY2KP	EA5KA	W1OPD	EA8RR	N7KA
S57AT	HL2WA	W4OX	EI9JF	N8PW
UA3AGW	IZ8DFO	XE1KK	F2NH	OH1JP
W1YIF	JA0PE		JA8LRG	ON5UE
W2LE	JA2IYJ	281	K2UR	PA7RA
W2NO	JA2VMU	AD5Q	N4HB	
ZS2EZ	K1DG	BA4RF	N9ISN	274
	K6GXO	EA5OX	SM0NJO	EW1KP
287	K6PJ	F3AT	SM4AZQ	IW0HOU
9M6YBG	LA8HGA	I1FQH	VE3CRG	JA8ZO
AA8LL	N8LJ	IZ8FDH	W8MHW	JH1IAQ
IV3GOW	OE1WHC	K0GD	W9HBH	K3PT
IW1QN	PE1L	N2WB	WF2S	K6UM
IZ8FWN	WK7E	N5GH		KA8SYV
JA1XPQ		OZ1IKY	277	KA8ZPE
JA2ATE	284	SM5ENX	EU1KY	KS3F
JE2OVG	DL6JZ	W0LS	F5UJK	RA5BM
K0AZ	EI9FBB	W8KEN	JA8DNV	SV9AHZ
K5RT	GM3YOR	WN6W	JA8EOT	UA3ECJ
LA3MHA	IK8VRH		JH3KAI	
R9SA	JA0DET	280	JK1UNZ	273
SM5ARL	JA8CJY	CT1EAV	K2AJY	AB4SF
W1VT	JG3SKK	GM3PPE	K8UT	CT1BWU
W4YCH	JH3SIF	HA5VZ	UW2ZM	DH2PC
W8AV	JN1BMX	IZ3ENH	W1KSZ	EI6FR
WA6F	K9NW	JA3XNH	W2PP	IZ4DPV
	N4LR	JA6TMU	W3BW	JA1KPH
286	OE2GEN	JA9NLE	W8RLS	JA2TBS
AA8R	SM0CCM	JF1NZW	WA3C	JA6BEE
AB5A	SM6CTQ	JH1BNC	WT4Q	JH3GCN
CT3HF	W2AY	JH1HHC		JI3CJP
DL2VPO	W4FQT	JR6LLN	276	JM2RUV
DS1JFY	W5ODD	JR7FRW	AA6AA	N4IG
HB9RYZ	W8BBQ	K4WNW	DK3WW	NA5DX
HL3GOB	W9MJ	PY2DS	HB9LCW	NK0S
IK0AGU		SM5CZK	HK1MW	OZ1ACB
IK0XBX	283	UT7UV	IZ5BAM	RW7M
IZ8XQC	DF2GH	VK3HJ	JA2XCR	W4HG
JA2FGL	JA1RTX	W8LGJ	JA7FWR	W8QZA/QRP
JE3ENP	JG3FEA	ZS4TX	JA7LMZ	
JF2WGN	JL1XMN		LA9VFA	272
K1LPS	K3WW	279	N5MOA	AF9H
K1RO	KJ6P	JE8TGI	ND4X	DS5ACV
K5PS	OE8SPW	JF2XGF	ON4CAS	F5PBM
LU8EKC	W1LW	JH7BKN	RX4HZ	I5OYY
N8SNM	W6BJH	JO4CFV	SM5CLE	IK5PWN
UR5WA		KF2DT	W1YRC	JF1LMB
VE1JBC	282	KQ4AV	W1ZT	JH0BQX
W3GQ	K1DT	N6TA	W2OIB	JH1OBS
W6PJ	K1USA	OH1ZK	W4MAY	K1UU
W8AXI	K5UO	VE3DZ	W5GO	K7EG
	K8ROX	W4UCK		K8BL

KA1ERL	K0KT	G3WPH	N3RC	259
KI4GE	N4UOZ	JA4FM	N8OC	CT3KN
N2DPF	NW7E	JH1ACA	NK4L	DJ8NT
N4JQQ	OM4EX	JR1WCT	NX0I	EA3EQT
N6PSE	SM5FWW	K2CBI	SP6JIU	EW1BA
N9RD	YB1AR	N5KM	W0GG	JA8BNP
OE5FIN		N9JV	W5ZG	JE2RDO
PA0ZH	268	NU1B	W6NWS	K2UFM
SV1ACK	7M4AOE	NV9L	W7LGG	NI3P
W2OO	HB9BUN	W6RS	W7QDM	PY5CC
W3ACO	HB9IQB	WA0RVK	W9PZT	W1KDA
W3AP	JA1NWD		WA3GFM	W7AH
WA1S	JH4HMG	264	WB8ART	
WL7E	K2KA	4Z1UF	WQ6Q	258
ZS1A	K6IPM	EA1KP	YB2DX	CU3EQ
	KD4W	F6DBX		DK7YY
271	LA0FA	HB9DHG	261	HL3AMO
4X1RU	N2AJ	IZ0NRG	DK3PZ	IK4AUY
HL4GAV	N5JB	JA1IAZ	G3UAS	JA9AGN
IK2DZN	SM6BGG	JA7HRM	IZ8IEV	K0TT
IZ8EJB	W2FV	JR4LNG	JA3FHL	KH2L
JH1OCC	WA1YTW	K1CA	JA4VLK	SA0AQT
JM1HJG	XE1MEX	N1EN	K0DD	US0YA
K3PU		N1GC	K2FW	W1SSN
KB1EFS	267	PA7TWO	K7LJ	W9EWZ
LB2TB	IV3VBM	SV1CQN	KM1D	ZL2IFB
NN4X	JA2QXP	VE3YF	LA5SJA	
OZ4VWV	JA7BEW	VE6AX	OM8FR	257
UA3TT	JA8UIV	W5PF	SM7CQY	AF4HX
W1MK	JJ1TKN	W6TMD	SM7IUN	DJ0UT
W7MEM	K4RG		ZS6WB	DL9FCY
WA0MHJ	K5VWW	263		EA1JO
	K6BV	DK4TP	260	EA7SG
270	K7XB	EA3CJ	AA9A	EB3CW
7K1PTT	KI5BLU	EA4DL	EA8MT	IK2PZC
AA4FL	N3VA	HA7UW	EA9IE	K1SM
BA4MY	SM5BMB	JA7XBG	EC1AIJ	N1API
CT3MD		JR8AMF	FG5FR	N6HC
DK8MCT	266	K1KO	JA2FBC	PY2MC
EA1KY	EI8IU	K8FH	JA3VPA	RU1AB
F9XL	IK0UTM	K9FN	JA3WLN	SV1VS
K0BJ	IW7DVM	KN6KI	JH3FUK	W0JM
K7UA	JA3BXF	N1RR	JJ2WOC	W5DM
K9JF	JA6GPR	N7BT	K1ESE	W8MJ
K9MBQ	K8AJS	NF1G	K4KAY	WV4TN
N4QQ	N6RV	WA4LOX	K6EME	
PU2POP	PZ5RA	ZS6NJ	K8YSE	256
VE6LB	RA4CA		LY1G	BH4QYX
W8HC	SV1HEP	262	N6MZ	EC1A
	W0FLS	CU3EJ	NT5V	FG8OJ
269	W7YAQ	I5REA	SK7AX	GU0SUP
IK7FPV	W8MET	JA8BAR	SV1FJP	IK4HPU
IK8EPC	WB2GAI	K2SN	TG9NX	JA0KJE
JA1OVF	WB3LHD	K8AV	W2XI	JF2VAX
JA1VLK		LA6UL	WA5LFD	JH1RGG
JH3FHQ	265	LA9FFA	WV8DX	JM1GHT
JP1NWZ	4F2KWT	LA9GX		K4JJW

K6EID	F1ICS	249	JE1VTZ	JH1ERJ
K8RRT	G3KWK	EA1RT	JK1WSH	JH1WJR
M0TTB	G3NKC	HL2CFY	JR7GBL	JH4ADK
N1SV	JA1BNW	IZ8GGF	KB6CIO	JK1VXE
NA5Q	JA4HAW	JA1EMQ	N6PM	JR1MLU
VK3NX	JE1HRC	JA8FFM	W1KMA	K3NQ
W8JRK	JF3PNQ	JH8GEU	W3ICM	K4PB
WB7B	JH4CBM	K0GW	W5ZO	K7FEL
	JL1BYZ	K9NR	W8OP	KJ7M
255	K1EFI	KM6HB		N2NS
AI6Z	K5FZ	N0RN	245	N6HY
EA5RD	KB9DAK	N3KN	AF5CC	VK3BDX
F6ECI	W2GW	NH6T/W4	AJ8MH	W8CZN
HC1BI	W2ZI	OZ5NJ	EA4DEI	W8GNM
HL3DE	W7CA	SM4OLL	G3KMQ	WB8K
IV3TMM	WV6E	UN3GX	HA5PT	
JA1VRU	WV9L	VE3YV	JA3QOS	241
JK1OPL		W0RX	JJ6DGP	AB5C
JR3UIC	251	W8IQ	K3EA	IS0AFM
KR4F	9A4W	W9RC	KF7PG	JF6XQJ
N1RK	DL2RTL	XE2D	N0AH	JP1IOF
N5BO	JA1DDZ		N2NW	K3WWT
VR2XMT	JA1SKE	248	NZ3O	K7KB
VU2CPL	JA5BGA	AK5X	S55ZZ	KV1E
W5JAY	K4VIG	G3VPW	YB0NFL	N4OA
WS9V	K8CW	HB9DOT		PA3BWD
	KG9Z	HL2KV	244	W5DNT
254	KJ7TEA	JE2VLG	IK8UHA	W5QM
BA7IO	N4SC	JJ1SKG	JA1CZI	WA8MCD
CT1BWW	N5UL	KF7F	JI6IHG	
IZ5YHD	NV4B	N4XP	JJ1QUV	240
JF2WXS	W2JLK	OZ1LCG	K0KG	7K1CPT
JH1VUO	W3ABT	SV1IW	K1KA	E21EIC
K3SEW	W4SK	W2TB	K1YR	G7SSE
KI1U	W5GAI	W8IW	KK1W	IW3GJF
LA5YJ	W6DE		OE3HWC	JA1DM
NE8P		247	SP6A	JA2FSM
UA3O	250	CT1FUH	W0QQ	JH1APK
W3FI	6K5YIA	JA1PBV	W4REX	JN1NBU
	F6HLC	JJ1BMB	W5PJR	KF0LA
253	HA7TM	K1PL	W9FI	N0ABA
AC9O	HB9EFK	K3VAT	WA2USA	S51NM
JA6IVR	HI8R	KH6M	WA3F	SM3LGO
JA8XQI	JH6PFY	N4QWZ		SP5LKJ
K1FEV	JL1MWI	N6KZ	243	UX5UO
K6MKF	JR0EQQ	N7DED	DS5TOS	W0SZ
K8DV	JR5JAQ	NA9RB	G4XRV	W8WEJ
KE1F	K9YC	PY5IP	JA2EPW	WA4CEM
N7XR	K9ZM	W7IB	JS6TWW	WB8CQV
UA0FO	KQ3F	W9JJB	K8ME	XE1RBV
W2/CT1GIF	OH2IS	WS5W	W1BR	
W6RW	PA0JSE		W4PNY	239
WF4U	PY2FN	246	WX2U	AG1A
YB0COU	UN3G	AA7G		DJ9RR
	W7HPW	FG4NO	242	I0JBL
252	W7IU	HL2EIZ	G4FKA	IZ1JMN
DL7UPN		IV3KFB	JA4ZA	IZ2FOS

JA6CBG
JA7KE
JA9NFO
JE2UFF
JH1DGJ
K2XF
K4QE
K8YYY
N8SHZ
NF4A
OE3KLU
OH7TV
WA6JA
WB4KTF

238

G8AJM
HB9MFM
JA0LXP
JE1PNX
JF0JYR
K9GA
K9OR
KA4RRU
KF9UG
M0CSD
N4PJ
N5ZC
N9UA
W4KA
WA4QMQ
WB0TVY
ZL4AS

237

CT1BOY
G0VXE
HB9CXZ
HB9JOE
JF2OZH
JH1DGQ
JR0QFA
K1RV
K1XV
K2NV
K9JU
LB5WB
N4HID
SM0MPV
W6AER
W8UN
WA0ROI
WB8B
WB8ZRL
WC3W
YO3JF

236

HB9DQV
HB9ZS
JA1HOM
JA1JYE
JA3KNN
JH1UBK
JN1NOP
K1ACL
KM3J
KS4S
N4GN
N6IE
OE2BZL
OZ7FOC
PA0TCA
VU2CDP
W0HBH
W2YR
W3FOX
W4GIW
W6DR
W9OO
WA1PMA
WY6N
YB2TX

235

EA7QW
EI2HY
EU1U
JE1IBI
JH2VVH
K0EOO
K0VSH
K5CWR
K8ZM
N2FF
N4IQ
NA5Z
NW4M
TA1CM
W3MR
W7YW

234

DF7EE
DK2CC
HB9BYQ
HS1NGR
IK0LNN
JA2OLJ
JH5HDA
JK1BSM
JR1VAY
JR4LZX
K4MF

KE5FXE
KE8UM
KX2A
ND4V
W3WST
WA4JQS
WA5UA

233

AA9GR
AA9RR
AJ4A
DH0GSU
DS3HWS
EA5AR
JA0KJD
JA3NHL
JH1SOD
K8BN
K8EAB
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF
WE4S

232

AC9EM
EW4C
G3XLF
HB9DVO
JH0OXS
JH6DUL
JR3VMJ
K4ST
K5FNQ
NJ7G
NY2NY
RQ3A
SV8DOU
W6CYX
W9ZCL

231

AD5WB
DK6OR
HL2ZN
JA1MZL
JH0AWC
K2RU
K4YJ
K5IB
KD6UO
LZ2XF

NA4EA
SM7NDX
W2DXE
W4UDH

230

G3LUW
JA5NPV
JA6AVT
JI1VVB
KK9H
N9PGG
W2KA
W8FIB
W8WVM
W9YE
WB2NPY

229

AA3LX
AE0P
AH0U
DL8SDC
IK2GAJ
JA2VHO
K0HD
K3FM
K4CMS
KD1F
KI4DLS
N3PS
N4NW
NE6I
SV8CKM
W1WC
YB1TJ

228

7J1ADJ
AA0MZ
F1RAF
F5LIW
GW4TSG
JF1RYU
JF1WLK
JH2PWY
JH3GFA
K4JC
K4KGG
KB1DMX
KE0A
KE4UW
RA3QUA
UN9L
VR2CH

227

DL2RUM
I0MWI
JA0DWY
JK1SQI
K1GE
K5GH
LU6ETB
N1NU
N6OJ
NA9Q
W4DEE
W5SL
WA9GON
YL2KF

226

DM2RM
EA5B
I0OSI
JH1IED
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KK4OK
N2KX
N5ET
N6BM
N9AOL
NG7M
VE3SKX
VE7TK
VK4CAG
W9DX

225

DK5RL
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DS5DNO
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JA4CZM
JE2EBT
JF1MTV
JH8NQV
JL3OUW
K0OK
K1JIU
K2HAT
K3SF
K4JWA
K5YU
MU0FAL
N0ODK
N2SQW
N9SF
W5GZ
W5LO
W5TFW

W8UV
W9KVR
WE1P
YO9FNP

224

JA1OVD
JA8NFV
JO1LVZ
K1CBK
K2TER
KZ5DX
N3RW
N7WO
RW4CY
SM7BHH
SP6AXW
V51B
W5RF
W7NN
WB0O
WN6K

223

AB4UF
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EA7DUD
I8MTQ
IK2RZP
IZ8MBW
K6IPV
KI6CG
KW4V
N4ENE
NA2AA

222

AK5Q
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JM1VRW
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K6ZZ
KB5UNX
KS4YT
RA4P
VE7BV

221

EA2AAZ
HB9HBZ
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JI1NJC
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K5DV

KU4XO
KV4AA
N4TOL
N9JR
RU0SN
W0BM

220

AA6RR
DL4DW
DL4LAM
EA5DFV
EI9FVB
IK1IYU
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K1NTR
K4EU
K4MIJ
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K6MM
K7AWB
K9WX
KV4T
KZ9DX
ON4ATW
SM0DSF
UR4IOR
W5THT
W8LMG
XE2X

219

F5JSD
HB9BNQ
HL5BMX
IK5QPS
JA1FJJ
K4MV
K5CD
K5JZ
KD2T
KE6V
KG6I
KI7AO
KR6C
N1KC
N6DX
W6GRV
WA3I
WW8W

218

DL2NOM
DL4NBE
I7P XV
JH1OGT
K1NJ

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KR2Q
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SM7WVZ
TZ4AM
W5GA
WA2NPD
WC4H

217

IK0CHU
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JA7ZP
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KU8X
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OZ0J
W0TM
WC2K
YO3IPR

216

CX2CC
DJ3XG
EA2AFV
G4VMX
JH7WQX
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KR4W
KX4TT
LB6KC
NC4RB
PS8ACL
W0SR
W5VQ
W9MO
WB3D
WS1L

215

9H1EJ
AA7XT
DS4GKF
HB9IIO
I1YDT
I5XFD
IZ0BVU
JR0AMD
JT1BV
K1TZQ
KF4NEF
KO6KD
N8NN
RN9N

W0FG
W0TT
W1JGS
W4IS
W6SL
ZL2AL
ZS2Y

214

3A2MW
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JN7DOS
K0QQ
K2AZ
NY1V
PY2RO
SP7ICE
W0K CJ
WB6BFG

213

9A1AD
AG3V
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HB9HIT
IV3FFI
JA1FVS
JG3RWX
JR1EFG
K5ALQ
KK2M
N6PEQ
N8GP
NA2M*
VK3FM
W1LE
W3BJ
W7HR

212

G4ZOY
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JA3LDH
JR2PZX
KU4BP
SM5AOG
VK5GR
VU2DCC
W5DAW
WW2DX
YL2TW

211

AA8SW
JE2KSM

JJ1KZZ
JO4JDU
KT2C
N1BY
SM7GIB
VR2XLN
WY1G

210

AA4LR
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KD8RQE
LU4FW
PY2WC
S54A
W5WP
W6WF
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W9IL
WK8A
YB0DJ

209

JH6RTO
JH8UQJ
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K0VM
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KB4MRX
N4TD
N9XX
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

HP2NG
JH0NOS
K0THN
K4WES
K5RJ
N4FN
N7WS
NU1O
NW6S
W1FA
W4WN
W5FPT
WA6G
ZS1J

207	WA4MME	IZ0GYF	VK6OZ	JM1SZY
9K2BM	WI7P	K0MFI	W6SHY	K1LT
DG5LAC	XE1J	N4PYI	WA2VQV	KP3AH
JG1JPE		PY2GG	XE1FAS	KR8T
K6ZP	204	RT5A	YV5LI	NJ3K
KE1VT	JJ1JMZ	W1OP		SP6EIY
M0HIH	KB5HC	W6AEA	197	VU2LBW
M0IKW	KM9E		4X4MF	W4DC
N9AKR	VU2IBI	200	BA4TB	W5UHQ
OE1JIS	W4GP	HB9AGO	EA1DLU	W7PAQ
ON4ANN	W7IV	IZ5FSA	IT9AAI	WA1NXC
RD9M	WA9BZW	IZ8EKL	IV3AVQ	XE1R
TF3DC	WB8BZK	JA3EY	JA2MNB	
VK2CA	XE1L	JA7DPC	K6TAR	193
W1MJB		JA7MAD	K8SIA	7L4VYK
W4GE	203	JH1FVE	W4DAO	AE4CW
W6KK	DF3EC	K1ZJA	W4HZ	DH3KM
W9QO	F5NBX	KC6JAM	WQ5R	G1VDP
YB0MWM	IK2RGT	KM4VI	XE1H	HI3T
	IZ0BTV	LA6OP		IZ5MOQ
206	JA0CIU	N1IA	196	JA0AXV
AG5W	JA7JPZ	PY3VB	CT3CD	JA1QIW
CT1HHP	JH8NBJ	VK6LC	DF2UA	JA3PRM
HB9CRV	K0CS	ZS1DX	HB9ESS	K3NF
IW9DNI	K4GO		I7LGM	KM1C
IZ4DIW	K4JKB	199	I8YAV	KZ1W
JA4DNC	K9OW	AA3TH	JA1XRA	LZ2ZG
JF1IRW	K9TF	AC0X	JA7FAS	N4HN
K8NK	KA1DJ	AD4AA	N2GZ	NN5E
KK5OQ	KK8MM	JH0RVY	N3QE	NU4B
KK9T	KL7TC	J11WLL	NA9A	PY8WW
KW4CQ	KM7R	K4SX	RC2A	SM5ELV
N6ZN	N2ZA	K4VNY	SP3F	W8NN
N8BJQ	N4TV	KC2SST	SP5MXZ	WA9DU
ND3L	N6PAT	KI4WCQ	W5AAJ	WB6CJT
W7IUO	N7ELL	MU0GSY	W6HYI	
WA3WZR	SV1FKZ	N2RR	WA0WWW	192
WB0N	W1DYJ	PB9FN	WB5NHL	F6FYD
	W3BNN	V51YJ		HB9FBG
205	WA3FRP	W6JZ	195	IZ7GIT
AC9S		W6UC	CT1ELF	K1JD
DL6UNF	202	W9LN	JA7QQQ	K6XN
GM0VRP	BV1EK	W9RXJ	K4KEW	KJ4UZU
IK0WRB	G3SBP		KE4S	KJ4YLO
IK3GBG	IK5BOH/2	198	KF9AF	N4XYZ
JA4DHN	IT9ODQ	AG7N	N3XM	NC2Y
JA7JM	N8WD	DJ0MCH	NA6MG	UR3EO
JA7MNF	W1AW	DL8DWL	NN2D	VA2IG
JO3WHB	W3NS	IV3BSF	OH6NIO	YB1TQL
K4YYL	W4RDX	JA6ENL	SQ7FPH	
K5VR	W7TUS	JM1ESG	UR5FEO	191
K9SG	W7VY	JR1IZM	VE3YXO	AA4NC
KW1DX	WE2N	K2CYS	W3SB	HA5CW
N2KI		K7PT		IT9IPQ
N9KW	201	KA1J	194	JH1FNU
NW7US	DL4FAP	N3ND	A65BD	JK1AJX
OH3OJ	GI4OWA	RA3BL	EA5ZR	JP1LRT

K1RI	188	SM2EJE	180	JG3KLF
K8QKY	EA7AN	UN7BY	A61BK	K2JL
N4DWK	JA0GCI	UT7KF	AA4AK	K2MK
N7MQ	JH7NTW	W0PE	AE4M	K3OX
NK7C	JP1GUW	W6BK	DK1NAL	K8YE
OZ7DN	K2AX	WB2HJV	JH1IZR	KF4VTT
VK2HV	K2DC	WB3BFC	K0IL	SM5CBM
W8UQ	N2ZZ	WB4YDL	K2SD	VK2AAH
WF1H	PY2RN	WB5STU	K8SL	W0IKD
WI8R	WV4V	YB1RUS	N7VPN	W0JW
	YO2DFA		NA5S	W1AO
190	187	183	VR2XYL	W4KVS
AA4U	EA5HM	IU0ICA	W4DSM	WD8KND
AC4VM	F4WDL	JA2KSP		
DJ9KV	IK8GJR	JA3UNA	179	176
EC7B	N6VNI	JE4CIL	DL5MHQ	DL6NW
F4DSE	PP7LL	K6LRN	IK1ZNM	F4FLF
G3WW	W5ZE	NA2U	JA3EEM	G4AYU
G4XEE		W2CG	JH1XFR	JK1JAS
HL4CCM	186	W3ML	JR3ADB	JR1FHP
JA2ITK	AF6PK	WF8R	K4WZ	K5DCW
JH8KFE	I4UUL	YB2TS	KB7AK	KK7YC
JI2UDK	K5EWS		KE5TD	KT8D
K7UT	K5QX	182	KJ6NZ	KW9U
K8ZT/QRP	K6EGF	4X6KJ	KZ2R	LA4JGA
KD0AA	KC6X	I5FLN	N3KV	LA7EIA
N3AIU	KK0DX	I8LWL	NO0B	N1JP
N6MXU	N5QS	JA6SQR	SP5ELW	N5FEE
SM0BYD	W8RV	J11CQA	W0ZS	OZ9XU
W2OR	WA5IPS	K7LAZ	W1HS	VE1VOX
W9ROG	WB4DNL	K9AQ	W4CCS	W0MS
WA8LRW	WZ4RC	KG4JSZ	W4TUN	W4LEW
WB4GLI		KL0S	W8QXR	W9WO
		KS0JD	WA6EZV	WA3GNW
189	185	LA5LT		
I0LYO	JK7LXU	N4MIK	178	175
IV3KCB	K0KP	N8NA	AA8KY	AG5CN
JA1SGU	K3PP	N8NB	EA8AXT	EA6UE
JG1SWM	KE5BR	NZ5O	G4DDL	IU8IYE
K3DFL	KQ4EE	VU3CAU	IW0BYL	IW1PUR
K3HW	OZ3SM	W6SFK	JA1ERB	JA0LFV
K5RKS	UN7BK	W7WZ	K1ZE	JE3PCP
K5TN	VA7ZT	XE1YD	K3VAR	K0KV
K6UXO	W0QC		KU1T	K1ROA
KD1AB	W2WG	181	N4ST	KD4POJ
KY5I	W6RKC	EI3CTB	N6DHZ	KF2OG
N2MEE	WV2I	IZ4AIB	OZ1HPS	KF6HI
N6NU		JK1DDG	W7HUY	KN7D
OH2LHE	184	KY6R	WB6AXD	N7NG
ON6KE	AA4UC	N1HO	WC0W	NS3L
RM3DA	AD6ZJ	N6VS		UA1OM
RN3CT	EA5RU	N8AYY	177	UA9AGX
SM4BZH	IK0HBN	NN9X	4X6UU	
W4AEJ	JA7FVA	NV4A	IW8CGX	174
W5SUM	K3JM	UA9AEU	IZ2EWR	AG4Q
W6DPD	N8HRZ	W6TK	JE4RAL	DF8FT
YB4CHP	NW7M		JF1LZQ	DL5KUA

HB9HVG	JA3AVO	JH1ORA	ZL3RJ	HA5BSW
JL6USD	JJ1BDX	JH3EQP	ZS6IR	IK2ULM
JR3TOE	JL1GYZ	K0PC		JA0MRW
K5CR	JS6QOM	K0RAR	165	JA4GXS
K9HQM	K2TV	K1VI	AG6HE	JR6LDE
K9UQN	K4NTO	K2SY	CU3HN	K0ABC
N7NW	K4WY	KF0RQ	EI5JL	K0CF
NG9J	KB0V	LU8ADX	HK3PJ	K4GN
W5JMW	KC5LK	LX1CW	HL1VAU	KE1B
W5WI	KP4DKE	N6MB	IK0XIH	KO4PRE
WA4BIM	N8WRL	OE1ALW	JE4WOK	KW4MM
WA4NUF	NA6O	R4FAN	JF1KML	LA1CO
WQ5T	ON6MX	SV1XV	JR1KBJ	N0AMI
	W0MU	VR2MY	K3VPZ	N4KM
173	WA4DOU	WA9IVH	KG4CUY	N7KDT
7L2QAD	WA5KBH	WX0Z	KG5NP	N9ATF
AB6CF			LA2XPA	N9LEO
AI9U	170	167	LB7ZG	R3IS
DM6MA	DL2JIM	JA8BOV	N2RJ	SM7CZL
HB9DVZ	EI5KO	JE3FOR	N3KS	VA2LC
K5ZQ	EI6AL	JQ1PCX	PT2ND	VU2MSA
K6UNE	JA1GVT	KB8NTY	RA0BA	W1OK
K7STO	JG1GJH	KD3HN	RL3BZ	W1XV
K8JE	JK1BIB	KE3X	VK3TC	W4PGM
LA9VBA	JQ1YIW	KH6XT	W2FS	W8MIL
N7HN	K6JJ	N1ZJ	WB2WPM	XE2YWH
N9DR	K7CU	N4PL	WB9PNU	YO3DDZ
NC7B	LA2GH	N8JS	WC4X	
NX2X	N4VN	N8OQ		162
OV5O	N6EM	PT2ADM		4F1OZ
SM0EUI	N8VV	PY2SEX	164	BH4IGO
TF3JB	NX4TT	TF3VS	AC4BT	DJ7JC
W7VAS	VE1OP	WA0SXV	CT3DL	DS3EXX
WA7BNG	VE2YG	WA5NFC	DL7JRD	EA2AGV
WY7FD	W0OGH		EA3HDZ	HS8KAY
	WA4USA	166	EI6IZ	JR4CZM
172	YO4AUL	AL7R	IZ0GVZ	N4BAF
AD0K		DL1SVA	K1XE	NP3CW
EI1DG	169	GM7NZI	K6CF	W4NBS
JA1BON	AC0DQ	HL4XM	K6GFJ	W8FN
K5TA	DM3CW	JG3KMT	KA1API	
LZ1XL	JA1KXT	JR6GHN	KD8MQY	161
N3AO	JE1PHH	K0PX	KL7TS	HL3ERJ
N5PA	K8ZZU	K7CTV	N2XQM	JP7FSO
N7GCO	K9OT	KM4HQE	N7WI	K1BZ
SP5ES	KI2D	KN4FO	NA2P	K2OP
W1ASB	N5MT	KR4BD	PT7DX	K4AR
WB8QZM	RD3BD	KW4J	S50B	KM4A
YB4IR	SV1IZY	SV2CLJ	SP7QHR	N7QT
	WA6QGH	VA7DX	W6SIY	NA6XX
171	WB8EKG	W4PGC	W9CSX	OK2ZDL
AA5N		W6FL		SM3PHM
AD3C	168	W8SAX	163	W5BK
CT2GZE	A92IO	WA1ZIC	AA4OC	W5RDW
DL5MM	EW1P	WA5NOM	AI4QQ	W6DOE
F9CI	JA0PZJ	WB3JFS	DS4NPL	W9GG
IZ0CKJ	JE4KCN	YO3AIS	EA1AZ	
			F4CPF	

160	N4XMX	K2DF	W8VK	IT9ABN
E70T	N6MM	K4EZY	WB4SON	IZ2MHT
EA1WH	N8TFD	K4WM		JA1IHD
JA1ITJ	W0JMP	KM2O	152	JA6SUY
JA1UOA	W8LIG	M0IFT	4O3A	JA7GZM
JF3VEC	WB2RAJ	N1QY	AC6BW	K5HK
JG2LGM	WB9B	NK7Z	BX5AA	K9RT
JK1EBA	WB9ZNZ	NO9E	DF2WF	K9UWY
JK1NPH	WT2P	OE1HHB	DU1KT	KI7M
JR1CAD		UT7EC	G0THF	KX5U
K7LY	157	W5SV	G4AFJ	N6JOJ
KC9K	7N3IJT	YB1AYO	IK5BSC	N8IK
KM4NS	AB2E		K2EK	N9IO
N0IW	E2OYLM	154	K4RDU	NM4SH
N4MEC	EI2JD	AC8TO	KD2OV	ON6ZV
N5WA	GM4KHE	AJ8B	KE9S	SM0BSO
N8IL	JA0NZR	DS5WQT	NM1G	VU2NXM
NI5F	JA1UBZ	JA0GZZ	ON4LG	W3KB
W1TO	JA3MHA	JA4HXF	R9JX	W4NE
W9FF	JE3OUW	JA8ANQ	W6RFF	WL7OU
ZS6RJ	K0SRL	JE6PJP	W7JET	ZS1C
	KB7QFE	JH1AQN	YV4DYJ	
159	KN7Y	JH1BHW		149
AA3AZ	N0SL	JM1JZN		7N2JZT
CT1ESO	N4MI	JR3QHJ	151	DS4DRE
DD0VE	N6VH	JR7ILA	AD5MD	ER0FEO
DK8IZ	N9AZZ	K5DXR	AK9B	JA0JPD
EA1P	N9MB	KC1ERO	DF1IR	JN4FNZ
IK0WMJ	OH3PYY	N7JB	DL4KUG	JS6SCC
JA0ED	PY1NS	NE5W	IK1UGX	K2KIB
JA4FKO	W3HKK	NH6L	IZ0FUW	K2RET
K0IO	W4DTA	VA3OKG	J68HZ	K8WHA
K1EDG		W4CIR	JA2BUR	K9EXY
K9QJ	156	W5TMC	JI3BFC	KM2E
KC4HN	EA3HPX	W8TM	K1QN	KP4DS
LA8ZAA	GM3WIL	WA9MAG	K4DET	N0STL
N1MD	HB9HHH	WN7J	K7LAY	NE0U
N4VG	HB9MXY		K9AAA	NU4Y
NE5S	JA1CCG	153	KE4BKL	NZ0O
NF7D	JA2ODB	HB9BEM	KE8G	RT0F
OT1A	JA9RT	JA3UOQ	KK4CLY	TF3Y
VA3NXM	JH2AJY	JH2NWP	N7MB	UA9MC
W1EBM	JL3DGI	JR7MAZ	NU4I	WA1EHK
WD5BJT	K2HT	K0YL	SM0NUE	WF7T
XE1MW	KA9OKH	K4OY	VA3EJN	
	N4QM	K8ROK	VA3HP	148
158	N5QZ	K9MMS	W2NY	4F3BZ
9J2BS	N7RD	K9YZ	W3HER	A71AM
G4SGX	W1MR	KF9LI	W5WLA	AE0MO
IK3DVY		KK4XL	W6WA	IW5EIJ
JJ1KXB	155	LA2IR	WA9JWL	JF2AIJ
K4HQB	5P5Q	M0MCV	WC2C	JR3PKO
K4SAF	AB4GE	N0VVV		K4TXJ
K8GWU	DK3QM	OH3DP	150	K5LY
KB2XJ	HB9GWJ	OH3FVP	DK3BK	KA3GWD
KF7NN	IV3TDM	SP5NON	DK3FB	KB8ZUN
KJ7NO	JA0EBV	W3DIY	DL9SAD	KD4EE
			HB9EBM	

LZ1MDU	DL1MEV	142	YB3MM	OE3JAG
N0TK	EA4S	AA4DD		SM5CSS
NJ6K	EA7LS	I4JEE	139	SP3EPG
PY2CP	EI7GY	JA1PUK	F5VML	TA1AL
VE6TL	F1OBJ	J11UHZ	HB9ARK	W2GGY
W4AG	JH1CTV	K2CJ	HB9DTE	W4UEF
W4MA	K5FXB	K3GT	HL4CBX	W9MR
W9GM	KQ5M	K9UO	K0QB	WA0WOF
W9MAK	KS0M	KA6BIM	K9TRV	WA5YOM
147	N6KK	LA1J	KX4I	WG0G
AB9KZ	NS4X	W8WV	N0CKC	WS1F
AI6P	W3DQS	YO8CRU	N2SG	
F6KOP	W7NP		N7NF	136
G3VQO	WR7Q	141	N7UJJ	DM5JBN
IS0/YO3RA		7K3QPL	R9MJ	G0OSK
JJ0LZQ	144	9H1AE	ZL3TE	IS0EBO
JK1OTP	AD0TR	EA1T		NT5EE
K3GGN	DL6DCD	EI3ISB	138	ON5GF
K3GW	G4FTC	HB9EXQ	AC5AA	VE3FRR
K5UZ	GM0VIT	IZ3XEF	DL5KUT	VE3MSC
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KB9LIE	K7QBO	K4RM	G0FWX	W4GH
SV8RX	K8OS	K5VG	JA0CVC	W4IDX
W3NRJ	KB1HY	K8RCT	JA1PVX	W4PV
W8OM	N5UE	K9AAN	JA1VRY	W7SX
146	RN0C	KA5SYP	K2YSY	
AE5B	UY2UZ	KA5VFU	K6CW	135
HP3TA	W0AIH*	KE7BMG	K9BO	AB4FH
JA3KWZ	WB9W	NZ6N	KC9G	GM5YTT
JE1COB	143	SV2JU	KF6A	HZ1GW
K1IG	AA4MM	TF5B	KL7NW	JA1DCK
K6NR	AF3X	VE3FAC	KU9S	JA3MIO
K8ARY	EA4D	W1NA	N3PV	JA7MWC
K8POM	FM5DN	W3IZ	N9BVA	JJ1HLL
KB9AIT	HB9AAA	W5GOL	OD5YA	JL2ULM
KM8AM	JA1MOD	W6HDG	PV8ABC	K2WJ
N6FS	JA1MOD	WK9U	TA1PB	K3HPA
N6RK	JF2RSF	140	W0UHL	K3WGR
N9MR*	K2OO	AD9DX	W4DWS	K4OP
NJ1Q	K6LPO	EI6JK	W4EJG	KC3RKW
SM3DXC	K9BQL	EI7JZ	WA5POK	N7TW
SP9IZV	KE4FW	JG1RYQ		NX8Y
TF4M	KG6D	JJ1OKK	137	S53MJ
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WA3SKQ	KJ4R	K5GZR	G3PSM	W7QHE
WW8RT	KN7K	K6EV	HL1MKT	WA7HR
XE2B	LB2TG	K7VC	JH1SBE	WB3AVD
YB1BML	N2YBB	KC3AK	K2CDJ	WB6FWS
ZS6UT	N4GBK	LA8PDA	K2RKJ	WB9IWN
145	N4UP	LZ2HM	K4AU	W05I
5T5PA	N7ZA	N5JED	K6IRA	
AA5TL	TG9AJR	VE3NJC	KP4N	134
AC7JM	W4JVN	W5VU	N5RN	AB0RX
AL7TC	W4UFO	W9BS	N7VZ	AB1J
	W7VS	WB1ASL	N9NFT	DL4ZAB
	WY0V	WW6G	NI4Y	EA6AZ
			NU1T	IZ8DEO

JA5SEY	132	NS4F	WC4V	KC9WPS
JA6GXP	AA4FU	OZ6TL	WP4CQ	KK4CB
JR0GXA	AK3E	PU4MMZ	WQ1H	KM4CQG
JR1HYA	AK6I	W1MO	ZS6AKU	KS4WA
K3KY	I8NLC	W9CTJ		N5HC
K7FL	IK8OZV	WB8RFB	127	N8YQX
K7RAN	IZ0COI	YB2IQ	7Z1HL	N9XG
K7YZO	JA9KRO	YO8PS	AG4TO	VE3TMG
K9JDP	K4BNF		DJ5DT	VK2DAG
K9SUH	KB8KIM	129	DL9GTB	VR2VGM
KA9JCP	KD3UY	AD6KQ	EA3NG	W8VI
KD2SC	KG8OU	AE7U	EA4TX	W9COS
KF5WCP	KI7HO	DS4EJA	G8BCG	XE3E
KN4OK	KK5ID	JA0AVS	HB9TJG	
LB5GI	M3DFW	JA1PLT	HK6K	125
N1AH	N3TR	JA2ACI	I2YPY	AC4XO
N2TC	N4EDT	JA3WMS	JA0BES	EI8GS
N6XT	N4QOG	JF2OHQ	JE2VYM	G4EHT
NC6RJ	NN3V	JH1RFM	JG1LRE	IK8PGE
PA0QRB	ON6YH	JM1CMA	JG5DHX	IZ8EYN
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W1DAR	SM7DXQ	K7ORK	JI1MNT	JP1GVC
W2KNG	UW7UA	KB4KBS	JR1LZK	K5NOF
W4UAT	VU3WEW	KN4WOJ	K7LFY	K9ARZ
W7KKC	W3KHZ	N8BK	KF3N	KK5J
WB1DX	W4MC	N9AVC	KS8W	NA7RH
XE2AD	W5FL	PY3OG	LA2LI	NN6CH
	WA1HXH	SM2YIP	N0AB	SM5AFU
	WA1KXV	VK5CE	N0DL	TF3MH
133	ZS1EL	W7TG	N1BZ	W0XE
7J1ABD		XE1ILI	N3GTG	W4AO
DL8OH	131		NA1RL	W5CWQ
G4NBS	EI5GM	128	ON5EQ	W6PG
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HB0WR	K0ARM	EA1AHA	VU2TMP	WA1LAD
HK4EB	K5SES	EI3IO	W0MF	WA4TMJ
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JM1JIV	KA5IAU	HL2DBP	WA2BOT	WR2G
K6ME	KO4DKI	JA6NQT	WB2KSP	
K7YMG	NG4DX	JH1AWJ	WB9TFH	124
KC2STA	NN6K	K6OJ		AA5H
KG6WIK	VE3NKS	K7PTC	126	AF8C
KI4TZ	W5EC	K9YKL	CU7AJ	DJ3EJ
LA9KY		KC2WUF	DS3EXT	EC4KW
N1BKB	130	KD5R	EI4HH	EI8IQ
NT9F	AA4QE	KG2U	IK4TVP	G4RGK
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OH7HM	JA2LMY	N5EI	JA5CDL	IZ1UKF
V31CQ	JH3PRR	NR0Q	JA5XPD	IZ5BYJ
VU2ABS	JL4BSE	R3BB	JH4GXE	JI1DMH
W1GY	K2MHE	UR9IDX	JK8VMB	JM1LPN
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W3MF	KD2NF	W5MF	K5KDX	K3SUI
W6OUL	KI0HA	W6IS	K7PO	K6VVK
W9SE	KN4JX	W8BI	K8GT	K7HC
YO3GJC	N2YF	W9EBO	K9QA	KB8DID
	N7TM	WA4UWD	KC5RR	KC2NJ

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N5VBK	K3DQB	AE5LK	AJ6X	K4LCP
NT4K	K4VAC	AI2S	DJ9KM	K8JRK
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W2FDM	KB4ET	CU2CE	IZ0RPS	K9GWH
W4BH	KN9N	DS3DNT	IZ1JIZ	KC1RET
W6ELI	N1ZZ	DS5QLJ	JA6CMQ	KD5RBU
W6ND	N4GRC	F5AQB	JH3LCU	N0ATQ
W8PAT	N9ATD	IK8IPL	K9KJS	N0UCR
W9TO	UT9LC	IT9JPS	KA5JSM	N1GFV
WB1S	W1ES	IZ0FYW	KA9JAC	N2ZL
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ZL3REX	W1KKG	JH5OTE	KD9BIE	OE6CLD
	W5HNK	JJ1XVA	KG5VK	RW6MBC
	W6HB	K9CHP	KX6C	SM1NJC
123	XE2MX	KG4OJT	LZ1XZ	VR2IL
AB9BH		KJ6Y	N3HYB	VY2RU
AE5FM	121	KK7BR	N8KUS	W1HQ
AI5EG	AB4BJ	LU3XX	VR2CC	W7WES
DJ6OZ	AK0A	N1TQP	W4AFB	W9LU
DS4DBF	DL7UGO	N3DV	WA7ZXD	WA4VJK
G6NHU	HA2EQD	N3GS	WA8RCK	WW5RC
IK0XKP	IK6BMU	N4UFP	WB5TOI	
IZ8LMA	JA1CPN	NR2D	ZS2I	115
JA1GLE	JA1EYN	PP2FN		AA9WO
JA2HOL	JA1WTO	VE3QAA	117	AF7WM
JH1RVQ	JE2DOD	VR2ZXP	AD7L	E74A
JL3RNZ	JI5WDC	VU3RGB	CE3FZ	HB9MZI
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KD0KZE	K9MQ	W6GJB	IZ7QFN	JA0NPQ
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LA2XNA	KU2A	YB0AZ	JM3GXU	JJ2VLY
LX2SM	N3ER		K0FF	K5TU
N5JEY	N5ZY	119	K4AEH	K8CR
N6DVR	NA2R	DL2VWR	K9LCR	KB4CRT
N9RE	NA4MM	F5BAR	KB2S	KB7V
OH3TY	NY4G	HL2MHU	KB5CSQ	KG4URP
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SV7CUD	TA1L	K7LOL	KP4ED	MM1PTT
VE3VHH	UA0FDX	K8EB	KZ1X	N0TR
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W4UT	W3/NH7C	N1GNB	VE7NY	NE1RD
WB8TGY	W3JXP	N8LCU	W3LWH	NG0G
WU7X	W4CC	ON8PHD	W4ARK	NW6V
WX3P	W4KCM	SV1BYI	W4PG	OE5MPL
YB9WZJ	W5UQ	SV2KF	WB9WHQ	W4OV
ZS6NK	W7PC	VK7AP	YO6HOY	W5WS
	W9MB	W1ZK		WB4MM
122	WA7HQD	W3MRL	116	WJ5K
AA0BH	WB7BBQ	W6ZPL	6K2ILX	WS4H
AA5B	WQ8T	W8EOG	AA0FT	
AB5YI				

114	KC0V	G4ZWY	W9GFB	JA2DCN
F6FHZ	LU3JVO	HB9ECS	YB1SKR	JA2KGQ
G3CWW	M0NGN	JA4DLF	YO5QAW	JH1OVY
HC1HC	N6DW	JA5EEU	ZS5LEE	K1FUG
I0BJV	NA9L	JE1TNL		K3XO
JA1CCH	S52R	K2KYH	109	K4GHS
JA1CPU	SV2DSJ	K5NV*	AA4RX	K8LBT
JA8EIA	VA3AYA	K8ZEE	AC8AZ	KC8YG
JG400U	VK7ZE	K9JIG	AF3K	KE3ZT
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K1RE	W3JM	KM5VI	F5DBT	KI4SFT
K2IRM	W6BBS	N4NYY	F8DHE	KJ2AM
K3PL	W7CD	NT5O	G0MMI	KJ4SKO
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KI8AE		TA1UT	JA9IWR	KW1X
N3DD	112	TA2RC	JH4GNE	LU2AH
NA1DX	3C3CA	TA7AZC	JI1IZS	N2IFA
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NK5K	G0DTX	WB8PKK	K4AEN	N5TW
W0LGQ	G3YFE	WU4B	K6JAD	N7TP
W0QKL	GM0SCA	XE1ZTW	KA4AHU	TF1A
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WD0AJG	JA4RED	AC0B	N4LS	W6CN
WN0L	JA8WGX	AG5Z	N4WD	W7SMW
WT9U	JF3AHI	AJ6V	N6RVI	WB5ZAM
XE1EE	JH0LME	CT7ANG	NN8L	WC4B
YB2BNN	K0XM	DK4MX	NW6R	
ZS4JAN	K4HEB	EA1BLA	NX1P	107
	K4ZMV	EI9HX	NZ3M	AB7RW
113	K4ZRJ	G4VWI	PF7M	BG8PA
AB1NS	K8CJY	G6MXL	PV8DX	DJ5FZ
DL2DCX	K9KDS	HB9BEP	SP7ASZ	DK2GP
EA5DPL	KH6P	HG6IA	T88UW	DS4OMS
EI2FG	KY6AA	IZ1EPM	W3ATV	E73D
F5EOT	N0OK	JF3KOA	W3GP	EA2BFM
F8GB	N2SO	JH1FRW	W4JDS	EI5GSB
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G4NAQ	NQ4A	JR4DHK	W7CB	JA3MAT
G4YCS	NZ7Q	K3MSB	W7VP	JE1CTA
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JA4CSJ	W3WN	K6DJ		K2ZD
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KB2TGU	F8DZY	W8TE	IK1RKN	OV2B

PP5VA	VU2MB	104	HB0RER	N4IR
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SV3EXP	W4/KL7GLL	AA2WC	JF1KIG	NA4D
TA1CQ	W6KF	AA6XV	J11FXS	NN5O
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V31MD	WA3IIA	EA4EJP	K0OOK	S51MA
W5HY	WA8Y	EI3HA	K1FBI	SM0XG
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WB2BXO	ZL3RIK	F6ARS	K3PIN	VK2GR
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	E29TGW	JA1DHY	K9WMS	W9GWP
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NG4C	W1PY	ZS6HON	K4HR	K3LA
NI7F	WB8LEM		K6BLG	K5HX
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KU4A	EI4GJB	N0KM	ZS6CR
LA3ANA	EW4A	N0VTZ	
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N4PF	G8GFF	N5CR	
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VA2GA	K1JX	OR4K	
VK4BUI	K1PTF	OZ1GCT	
VU2OT	K2UF	OZ9GA	
W0ZX	K2UT	PV8AJ	
W2FDJ	K3NO	PY5VC	
W2GHD	K3QB	R2AB	
W2PD	K3RRR	UR8IDX	
W3RMS	K3WSU	VA2EU	
W3SW	K4GM	VE1JF	
W4PM	K4KYN	VE3KKB	
W6OU	K4QS	VR2PX	
WB5KSD	K5LLA	VU2OY	
WD4IXD	K5MMH	W0PPA	
WM5H	K5PSN	W0RMS	
WU6K	K5VSD	W2MW	
WX7B	K5YE	W4CG	
YB8HZ	K7VL	W4DFU	
YO2OXD	K9EA	W4YR	
	KA1CTL	W5PD	
100	KA2F	W5YKU	
2E0XAR	KA4H	W6OZI	
9M8DEN	KB6IGK	W9KM	
A41ZZ	KC5N	W9ZT	
A71EM	KD1DT	WA2ALY	
AA7UN	KE1IU	WA2VJL	
AC0DH	KE8NOA	WA3UTC	
AD4J	KE9V	WA3YZD	
AE4VJ	KF5MDZ	WB0RXQ	
AK1P	KF5TL	WB2ZEX	
AK4AO	KF9EX	WB6RAB	
DB6VH	KG4IYS	WB6RJH	
DC1TK	KI0G	WD1M	
DK1MCS	KI3O	WD4GZW	
DK7GH	KI4PG	WI0E	
DL3ANK	KK6MF	WK7W	
DL5JH	KL2R	WM4D	
DS4GQR	KL7XO	WM9Q	
EA5PS	KR4Q	WU1T	