

ARRL DXCC - Digital

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 25 Mar 2019, 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.

354 *DK3CU	*N8JX *OK1MP *WB4UBD	*SL0ZG *SM5FUG *SP3BGD *VE3XO *W9MU	*JA5EXW *J18DGO *K8PYD *N1DG *N5ZM *S58T *W4DKS *W5BPT *W5FKX *WB8YJF	*JL1SAM *JR6EZE *K4NA K5KR* *K8SIX *K9NU *K9QVB *LA7AJ *PA3FQA *SM4DHF *SP9FKQ *W4DR
352 *I5FLN *K3WC	*WX5L			
350 *DJ2BW *I4MKN *JA8ADQ	346 *DF3CB *F6HUJ *JA3DLE *K5KLA *N4CC *NA0Y *OZ7GI *W3YX *W5PJR	343 *DL4MCF *JA3EMU *JH4UYB *K6YUI *KA5CQJ *N4XM *SM4EMO *SM5DJZ* *W4VQ *W9NGA *WS7I	340 *AA6YQ *AG9S *I4FTU *JA0UUA *JA1FQI *JA4LKB *JA8RJE *JJ2LPV *JR3IIR *K0EU *K3KO* *KB5GL *N2WK *N8DX *N8PR *OK7GU *PA0WRS *PY2XB *PY7ZZ *W1JR *W5FI *W7UT	338 *DF3GY DJ2TI *DJ9KG *DK0EE DK1RV *JA1SJV JA3AUQ JE1GMM *K4CN *K4HGX *K4SV *N5JR *SP3FAR *UA9YE W2KKZ *W2YC WD5GJB
349 *AA5AU *I5KG *JA1JAN *K4FJ *N2TU *OH3SR *SM0AJU *SM6CVX *SP4KM *W2UP *W5ZPA	345 *F5NBU *I5KKW *JA1EOD *JA1HG Y *JR2KDN *K2YG *N2LT *N2QT *OH2DW *UA4HBV	342 *F6BTR *G4BWP *HA0DU *JA3CSZ *JA3EOP *K0BX *K1ST *K3SWZ *VA3DX *W0BV *W6RLL *W8DCH *WK3N		
348 *DK1BX *I1JQJ *JA2VPO *KP4BJD *OH2LU *W4PK *WD5DBV	344 *DL5KAT *EA6NB *F6AOJ *JF2MBF *JH4IFF *K0QC *K7PI *K8MFO *LA5XGA *N4WW *N5FG *OH2BU *RY9C	341 *AA7A *DJ5JK *IK1GPG *JA0DAI *JA1IQV *JA1WSK *JA2FGL	339 *DJ3IW *F6BKI I5ICY I5IGQ *JA1ANR *JA2KVD	337 *DJ8NK *F5II JA3MNP *JE8LWZ *JQ3DUE *K4QL N3UN *N3XX *N6JV

*SM3NRY
*SP3RBG
*SP9PT
*SV1RK
W3GH
*W9RPM
*WA6TLA

336

*DL7VEE
*IK1WGX
*IK5HHA
*JA0NZR
JA1KQX
*JA2FBY
*JA2XYO
*JI4POR
JR2BNF
*JS3CTQ
*K5AC
*K5CON
*K5RK
*N6AR
N9US
*UT7QF
*UT9FJ
*W0DJC
*W0LSD
*W3OA
*W3UR
*W9IXX
WF5T*

335

*CT1FJK
G0ARF
*I4EAT
*IK8HJC
JA1BK
*JG3QZN
*JH8RZJ
*JR1BAS
*K4XP
KY7M
*LU8EKC
*ON4CD
*SP3E
*SP5EWY
*SP8AJK
W1KSZ
W4EP
*W9OL
WA9CVK

334

DL2FAG
F6GCP

*G4PWA
I4LCK
*IK4WMA
IV3JVJ
*IZ5EKV
JA7LMZ
K6FG
*K8UT
*N0AT
N2BJ
N9CK
*OH4NS
S53MJ
*YO9HP
*YU1FW

333

DK5WL
IT9DAA
JA3DY*
JA3KWZ
JA8BZL
JF3KON
KD6WW
KK5OQ
LU3CQ
LX1DA
N5GGO
W4DXX
W9ILY
WB9Z

332

DL5ZB
HB9BGV
I5RFD
JA1ADN
JA2TBS
JA4DND
JA6TMU
JH2FXK
JR1TNE
K5DU
K5KC
K6TA
KU0A
N2FF
N7US
N8KOL
NI6T
PT2BW
R3OK
W7OM
WB2GOK
WB6RSE
YB5QZ

331

4X4DK
AA5AT
DJ5AV
I2AOX
I2EOW
I4AVG
JA7IC
JR1NHD
K9EMG
NI0G
PE5T
RA3CQ
RU3FM
SV1FJA
W2LO
W5JE

330

AB6QM
CT1EEB
EU7A
IK4DRY
JA8EJO
JJ2RCJ
JO1WKO
JR1DUP
K4PI
K8QM
KB1JZU
N5GH
OE2SNL
ON4AOI
SM5AQD
SP8NR
YV1DIG

329

EA3GP
HK3W
JA5WIZ
JL1UXH
K0CA
K0XB
K2AU
KF2O
SM5CEU
SM6CMU
SV1DPI
SV8CS
VE6WQ
WA1EHK
ZL3JT

328

CT1IUA
GM3ITN

JA1CLW
K4UTE
RA3DX
RG4F
UY5ZZ
W1MAG
W2IRT
WT8C

327

9A7V
CT1EKY
EA5RM
IK2YCW
IK4BHO
IK4GME
IW1ARB
JE1LFX
K4MWB
K7NN
N5TY
SM4CTT
SM6CCO
UT3UA
VE3EXY
W6XK

326

AB4IQ
CT1APE
DK1FW
DL1YD
F6DLM
G3KZR
I8AA
JA0EOK
K0SR
K6WZ
K9CT
KF0QR
N8BM
NZ0O
OZ4O
PY5EG
SM5KNV
SP7GAQ
SP9ODY
UT5UGR
W3LL
YO3APJ

325

9A2JK
F5IL
HB9AAA
IK1HSR
JA1WPX

JA2FJP
JA6BZI
JE8CLT
JH1EEB
JR6LDE
K0IEA
K4WW
K4XO
KE4YD
LZ2DF
N3NT
NN6K
RV3LO
SP1JRF
SP6CIK
VE3LYC
VE3XN

324

4Z5AV
EA1DR
G3OAG
GM4FDM
I5ZGQ
IK5PWQ
IW0HEX
JR2CFD
JS2LHI
K2PLF
K4HMB
K8AV
KD5M
LA5IIA
W1NG

323

4X6UO
F5CQ
F6EXV
F8XT
JA0GJJ
JH1BIH
JH3CUL
K0JGH
K5EK
K7MTR
N3KK
SP1S
UA0CW
US0MS
W6IHG
W7CT
WA4WIP
WD5K

322

DL2OE

DL7MAE	W2YJ	JA0CRI	N2TK	EI7BA
IZ1LBG	W5TCX	JR1BLX	OE6IMD	G3SVD
JA2ATE		K6EID	RX3AGD	I2DMI
JH1OAI	318	N0XA	UA4CR	IK0OZD
JR1XIS	DJ6TK	N4QS	WA2UUK	IK5DNF
OE5NNN	DK9KX	ON4UN	WF2S	K6UFO
ON4IQ	DL5MFC	W5XC		K7ZD
SP9UPH	G5LP	W7AL	311	K8GI
VE3JV	I5CRL	W9IT	DL6KR	PA1CW
W2FCR	JA3CMD	XE1M	F2JD	SV1AVD
W2QO	JA9LJS		I2VGW	SV1BTK
	JH0INP	314	JA6AQA	VE3EJ
321	KQ8M	G3SJX	JH0MHR	W0KKT
AA1V	OZ1BTE	I0EKY	JK1KSB	W0YVA
JA1ACB	RA4CC	IK0PEA	N4DB	W4BP
JA1BOQ	SM5EIT*	IK0VTG	W5SL	W8OI
JA1GRM	SV1CNS	JA7OUV		WA3FRP
JA1XRA	UR0MC	JA8EOT	310	ZS2EZ
JA9APS	WB5HBR	JF0EHX	G3XTT	
JH4BTI		JH1HHC	JA0DWY	306
K9MM	317	JH3SIF	JA9CWJ	4Z4DX
KE9ET	AD1C	K8PT	JH9AUB	AE5E
N5MOA	EY8MM	K8ZTT	K2FF	CT1BH
SM6CNN	HB0CC	N5UR	K7WM	CT4NH
W1ECT	HB9BZA	OZ1AXG	NK2H	E73Y
	HB9HFN	PY2YP	NT0V	HA5BSW
320	IZ1BII	RN3QN	PY4OY	HL3DE
DL3NM	JA1GHH	WX4G	RA0FF	JA1IZZ
EA5FKI	JA1GHR		W2MF	JA7GYP
G0DQS	JE2UFF	313	WD9DZV	JE1SYN
GM0AXY	JH1SJN	DF2RG		JR2PAU
I8IGS	JR2UBS	HB9AAQ	309	JR6FC
JE7JDL	K5WAF	JA1FGB	9A2EU	SM4ARQ*
JF1KKV	NC9T	JA2BY	DJ4PI	W2PK
K2OGD	PA3EWP	JA3GN	IK2QPR	ZL1BYZ
K4DY	SM5CZK	JL1XMN	JA2VHO	
KC6AWX	UX1UA	K0JN	K3SX	305
KL0S	W0YG	K1CP	K9IO	DL5WW
S54E		K8EUR	N4KG*	EA7TV
SM4GVR	316	LA5HE	NO8D	F5HNQ
SM6CTQ	G4CCZ	OE8RT	NQ7R	GM3YTS
W6MI	I0WDX	R7LV	YO3JF	IK4DRR
WB9EEE	JA2XW	RU3QR		JA1MVK
	K4CIA	SV1JG	308	JA1RTX
319	K5BG	W6OTC	DL3IAC	JA3AZD
EA1DFP	KA9CFD	YU3AA	JA3RQ	JA7MYQ
HB9BIN	KN5O		JA9RRH	JE8TGI
JA5AUC	LA7EU	312	K3PA	JF8QNF
JA9FAI	RW4NH	F6DAY	NN4R	JJ2PIK
JJ3HGJ	W2LK	I4EWH	SV1GYG	K8VC
K1HTV	W9ZR	I5OYY	VE3YF	LA9TY
K3WA		IK6DLK	W1SKU	N9RS
K8VfV	315	JA5AQC		RJ3AA
KA2D	9A1CCY	JA7KY	307	SP3CFM
KE5PO	DJ5FI	JA9GLW	DL4RCK	W2XI
KK0M	DL1RWN	JE2LUN	DL6CNG	W4JAM
VE3FF	I3BUI	JH1IFS	EA3XP	WD4LBR

XE2CQ
ZS1LS

304

DL5SBA
HA5WA
JA1DOF
JA2BQX
JA4ITW
JH3VNC
K7CMR
K8YTO
LA2IJ
NS4C
SP6M
W2CQ
W7AO
W8HW
WB9CIF

303

CT1DKS
DK6CQ
EA1EVR
HL3IUA
JA2NNF
JA7BWT
JA7QVI
JA8JTH
JF1WPB
JO7WXN
K1LPS
K2RW
K6FW
K7OSE
N0FA
NU8Z
NY0V
SM5CZQ
UA9FAR
W6VX

302

AA5VU
HK3TY
IZ4MJP
JA2CXF
JA6WJL
JH3KEA
K3VAT
K9EL
KB0EO
SM6BZV
VU2NKS
W1YIF
W4TV

301

DJ9ON
EA3BT
F2LZ
I2PKF
I2YWR
IK1SOW
JA0IXW
JA5MHD
JA7MSQ
JF3SUL
JJ1SKG
JL6HKJ
JP1NWZ
KJ6P
N7XR
NS6C
RM0F
SP7HOV

300

AA5AM
HA5VZ
IZ8FDH
JA2AH
JA8BNP
JH8JBX
K4IQJ
K6XT
LA7JO
N4MM
N7RO
NJ0M
UA3DPM
UN5J

299

I8JIT
JA1BPA
JA2BDR
JH2AYB
K2TE
K9US
R0FA
SM5JE*
SP6OUQ
W1ZT
WB9NOV
YV5JBI

298

HA1RW
IW1QN
IZ5BAM
JA0DIN
JA2FBC
JN1BMX

K2LS
K5UO
KK9DX
N6OJ
N6UK
PY5HOT
R7DX
VE1BLX

297

DS5USH
G3TTJ
IZ2AMW
JA5BEN
JF2XGF
JF3PNQ
S57AT

296

AG4W
DJ9HX
GU0SUP
JE6TSP
JH1IAQ
JH1XUM
K0DEQ
KA1ERL
N7BT
OZ1BUR
RA3XDX
UA4LY
UY5AA
W5ZE

295

9A5CY
IW0SAF
JA1ITJ
JA1XEC
JL1RUC
JR3OEH
SM0CCM
SP3PLD
SV1IW
YL2MU

294

EW1KP
G3UAS
IV3KVC
JA1SVP
JH1NYM
K4SO
K5WK
K7NTW
KF8UN
SM3BCS*

SV1LK
TG9VT
UN7TW
W0HAH
W0ML
YL2KF

293

HA7TM
K7BTW
N1PM
OE3EVA
UN1L
VE1DX
W3GG
W4EEU
ZS6EZ

292

AA0FT
CT1ELC
JA1FNO
KS0M
N9BX
OE5FGO
RL3FA
SP6DNZ

291

7K1PTT
DL1AMQ
JE2OVG
JH1GZE
JI1WLL
JR2UJT
KA4RRU
N4II
SM5SWA
SP3V
W1ZD
W3ABT
XE1R

290

AA4V
AB9V
AI9L
DL2HYH
DL5AN
EV1R
IK0HFO
IK5RUN
JA1ADT
JA1UTZ
JA2AHH
K0GY
KC8EU

N7MQ
PY2BW
SM4AZQ
W4CZ
W9XX

289

9A3SM
DF4PL
DL9RCF
G6GA
IK1MEG
K1NU
K7EG
K8ME
N2WB
N6HC
N8RR
R3VA
W2JU
W5AJ
WB2RAJ

288

F5PBM
I2MQP*
I2RFJ
IK2RPE
IZ0RVI
IZ4GWE
JA2DXD
JH6QFJ
JH8JYV
JM1HJG
JN3SAC
K0JUH
K7WP
K9NW
KA8ZPE
LA3WAA
N2KX
OE5KE
ZS6WB

287

A45XR
AA4M
DF9PG
DL1TRK
DL6ATM
F5OVQ
I2OGV
IK4MSV
IZ8FFA
JA3RAR
JA5BGA
JL2JVX

JM1CYJ	283	IK2PZC	JG3LGD	JA8ZO
K4YMQ	AA5C	IK4PLW	JG3SKK	JH1LAH
NA2M	DL8LE	JA1IOA	K0KT	N8BJQ
PY2XU	EA1AUS	JA2FSM	NK0S	N9FN
PY5EW	I5JFG	JL1BYZ	W0RI	NN4T
UA6JD	IK6QOP	K5JZ	W6NWS	R8TX
W6ENZ	JA7LGE	K6PJ	W9JA	R9SA
W9RXJ	JO4CFV	N8DJX	YB0COU	RZ6BS
WA0ROI	K5VIP	RA3ZH	ZL2IFB	ZS2DL
ZL4TT	OE3GCU	W2GG		
	SM6AOU	W4WM		
286	UX1AA		275	271
DL1SP	WB5AAA	279	9A2NO	IV3TMM
EA6VQ	WB8TLI	AA8LL	DF2IS	JR1UFN
EA8AKN		DL1VFR	DJ7ZG	UA0FO
G0BLB	282	HB9MEJ	GM0GAV	VA7RY
IF9ZWA	EA3WL	I4KDJ	HA9PP	WA4LOX
JA2HYD	F4BKV	K9YY	IZ0AEG	
JI8XLD	IK1ADH	KB2HK	JG1GGU	270
K9FD	JA2IVK	RD3BD	JG1ULJ	DL7BA
KK6T	JA2JW	RX4HZ	JH1WHS	E72U
N6MZ	JA7ZP	S51NM	K0TLG	EI6FR
RA7A	JH1RGG	W3KX	K4XD	JA8LRG
W4AO	JI1LET		KF3F	JH1AGU
W8AV	K5NA	278	KG1V	JH1QDB
WB3LHD	K8BL	9A2AA	PA5TT	K4HB
WD8PKF	K8KS	IK2DJV	SM4OLL	K7UA
	ND0F	JG3FEA	VE7CF	LB8DC
285	OE2LCM	K0BJ	WW3S	N0IW
DL7AFV	OZ1ADL	K1DW		PY7RP
DS5RNM	S51DI	N2AJ	274	PZ5RA
EA2IA	SP1MGM	PA3AXU	K6UM	S51MA
G3NDC	W8NN	VE3MV	LA9FFA	SM2GCQ
IK6CGO	WB9B	WO7R	N2NS	W5PF
JA2JRG			UA4CC	
JA7CVL	281	277	W0HT	269
JA7PL	A65BR	IK2DZN		9A2X
JA9TWN	DJ9ZB	JA3LDH	273	AD5A
KD4W	G3TXF	KB8VAO	AF9H	CT1ELF
W3BW	IT9DSZ	N4VN	EA3DW	CT1ELF
	JA8ALB	ON4EB	IZ3ENH	I2DJX
284	JH7RXU	UA0FZ	JA8DNV	JA1EUL
DJ9RR	K3UL	UT2UB	JE2EHP	K9RX
EA8RR	KC7V	W2GW	JH6WMJ	KE3D
IK2LOL	NK1K	W2YE	JR4DSM	N2TN
JR6LLN	OE1WEU	W4UM	K3WW	RU6M
K2QB	RU6B		N4RWG	W7IU
K2VV	SP1MWK	276	SV9AHZ	WB0TEV
N1IBM	UT7WZA	9A3NM	UA0SR	
N6HY	W4WX	AA8OY		268
N6RV	WA0JH	AA8R	272	AB5C
PA7RA	WA3IIA	DJ8ES	AA4R	DS4AOW
SK3PY	YB1AR	DK3DG	DK8MCT	G0OIL
W3SB		EA4KD	DL2SWN	JN1RQV
W4OX	280	F5TJC	DL6JZ	ON4CAS
WB8K	CT1FMX	HL3AMO	EA5BY	PY2KP
	HP2AT	JA4ZA	HA1RB	SM5BFJ
			IZ8XQC	W4VIC
				WO2T

267
EA1KY
G3SBP
IK0CNA
JG4AKL
JI2KXK
JP1TRJ
JR1DQK
K8AJS
K8TL
RA9SC
W0HBH
W1BYH
WA4FFW
WA4JQS
WP4U

266
DJ7UO
I0OWO
KF7PG
KR4F
SM1TDE
UA4HAU
VK3TC
W2IZN
W3ACO

265
9A8A
AA9RR
DF7FC
F6DHI
HL2WA
JH3FUK
K6ND
KE8UM
N8SNM
UN7LZ
W5ZN
W7WM
W7YAAQ

264
AB5A
F6FXU
I0JBL
IZ0GMS
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K5LJ
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VR2XLN
WX0V
YO7LCB

263
F1NGP
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JF1LMB
JG8FWH
N0TB
N5OK
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PA5O
RU6L
SM7BHM
SP4K
W1RM
WK7E

262
9A4W
CU2AP
DL4CF
DL4CW
IZ3ETU
JI1LAT
JR3GWZ
K3QIA
K8AC
KA9FOX
N4DW
N5ET
N5XZ
NS2N
ON6AA
OZ4VW
OZ8BZ
SM3VAC
SV8RX
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WB5TUF
XE1H
XE2K
ZS1A

261
DL8SCG
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K8FL
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NA4M
RU1AB
RW7M
W0VX
W7MO

260
DC8TS
EA3KU

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I8KFR
JA2DPC
JH1AJT
K9ZO
N4LV
RW4WZ
SM3NXS
W6YOO
W8SAX

259
DF2UH
F6ECI
HK4SAN
IK0FUX
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J18PDC
JL3VWI
K1GG
K8OM
N0ACH
VK3FM
VO1XC
W2OO

258
DL8SDC
G4GIR
HB9DDO
IK0CHU
IK0LNN
JA1JAT
JA2VFW
JL1ARF
JR4LNG
K5MT
K5PS
K5RKS
K5XI
K5ZQ
KQ3F
LA5LJA
ON5UE
RA3QK
SV9COL
VE6AX

257
E75C
HA5AO
JA9IFF
K1RY
K4ADK
K4VIG

K9KA
OE1ALW
OE8SPW
OZ5NJ
SP6EIJ
SP6LUY
SV1ACK
W2NRA

256
DM2DXA
EA1AST
G4ZOY
IK8YTA
IZ7FLP
JA1DDZ
JK1UNZ
JR6AG
K2KA
K2UU
KJ7NO
KV7K
N3KV
NE8Z
SP3XR
W1CYB
W9IL
WB4YDL

255
GM3POI
JA9NLE
JQ1TIV
K9IR
OE2GEN
PA7TWO
R5AJ
W6AEA

254
AB4SF
DJ2SL
K2SHA
N4IG
N5AW
N7IR
N7RU
N7WS
N8OC
OE2DAN
S55SL
WB8C
ZS4TX

253
AA1ON
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JA1IRH
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W1AX
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252
DL6XK
IW0HOU
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JA2VQF
JE2RDO
JF1NZW
JH7RTQ
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K2SN
K6SIK
K9ZM
KH2L
KP4JRS
N5AQ
SM3DXC
SV1MO
W2LE
W6SFK
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W8QZA
WA4MME
WE0Q

251
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JA5IU
JR0EQQ
KD0PO
N4UOZ
NA5Q
VK3EBP
W1EW
W3GQ
WB8YTZ
WS9V
XE2D

250
DL2VPO

IV3ARJ
IZ5RVG
JA3JOR
JA6LCJ
JA9AGN
JJ1DWT
JM1SZY
K4NNX
K7BV
K7SP
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KM1D
KX2B
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N4ONI
N4TJ
OH5VG
PY2NQ
SV2DGH
VE1JBC
W8RLS
YO2RR

249

DL2KQ
GW3SFC
IK5PWF
IV3TMV
IZ5DKJ
JA7JWF
JE3EDJ
JH4CBM
KC2BW
N9AW
RQ3A
V51B
W5UHQ
W7HPW
WA1PMA

248

AB1OC
DO4DXA
EA8MT
G4OBK
HB9TKS
JA5SUD
JH1RFM
JH4ALY
JM1FHL
K2CBI
K2NV
KC5LK
KX2A
OE2SCM
SV8DOU
W0MB

W1VT
W9RN

247

AF2C
CT1GFK
DJ1OJ
JA1EMQ
JA1SYY
JA2HOL
JA6VQA
JA7VEI
JR3UIC
JR8AMF
KS9W
LA7WCA
LA9VFA
ON4ATW
PY2MC
SM3AFR
SQ6SZ
W8AKS
WB4KTC

246

AA7UN
DL8ZAW
HB9MFM
JA1PCM
JA5NPV
JH3GCN
JO7KMB
JP1IOF
JS1NDM
K0TPP
KF5EA
MM0EAX
S57XX
US0YA
WE2K
YV5KAJ

245

EA7QW
I2TZK
IV3IIM
JA1BNW
JA7EPO
K3JT
KW9U
SM3LGO
VK3KE
W7DO
W7TUS
W9RIT

244

DL1ZBO
G8APB
IZ8MBW
K5CR
K6MKF
ON5GQ
RN3RQ
W4LSC*
WG6P
WL7E

243

DM5EE
DS1JFY
EA1AF
EA3AGZ
IZ8FWN
JH1LPZ
K8KWT
N4TL
NX0I
W5GAI
WB4M

242

G3LZQ
HB9AMO
HB9DRS
HB9SLO
IK8EPC
JA4FKX
JI4WAO
JJ1KZZ
K4CMS
K6LRN
NE1B
W3RJW
W8KEN
WF5E

241

4X6UU
DL7WL
DS5ACV
IZ1DFG
JI1CQA
JL1OXH
K1SM
K8SIA
KC8CY
KG4W
LB6KC
N0KV
N4ENE
N6XJ
N9RC

OE1ZL
W3MF
W5GO
W5VY

240

DL1SMA
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K1ZN
K8DV
KG9Z
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RN3D
SM0MPV
UA3AGW
W7VS
WB5NHL
WB5STU

239

F5JY
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IV3AVQ
JA1HOM
JA5JUG
JG0CQK
JK1EXO
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K9ARZ
K9OW
KU4XO
NA9RB
PP1CZ
SP7ITB
VE3KI
W7JY
WA1FCN
ZS2Y

238

9M6YBG
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HL2KV
JH1QAX
JR2LJO
K1MAA
K6CF
KZ4V
N6GP
UA6MF
W1TO
W4IS
ZL4AS

237

DK5DC
DL5XL
IK0UTM
JA3WLN
JA7KE
JA7MA
JH1BZJ
K1USA
LX1CW
N2YBB
N4TV
N9ISN
PA0TCA
S54A
W4HG
W5WP
W6SL

236

DL2UH
DL8OH
EA1KP
HS1NGR
IK0MHR
JA1VLK
JA3GAK
JH1VHU
JI1NJC
LZ2ZG
N5ORT
ND8L
SP3CGK
WA0SXV
XE1EE

235

AA4HP
AB2RF
EA2RY
IV3VBM
IW5AOT
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K1AM*
K6KLY
N8XI
OE2DYL
OH1XX
SP6JIU
VE2TZT
W3KHZ
W7CD

234

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DK2GZ

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HB9DWL	W2GPS	K7NO	K5OA	AJ9C
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IT9RTA	WO9S	N0RN	KB3LIX	F1JKJ
IV3GOW	WS6X	N5FF	KF7F	IK0DWN
JA2JNA	230	RL3AW	N8CL	IW7DOL
JH4GJR	AC5AA	SV2BXA	SP6AXW	JA1CJO
K4JAF	JA3VPA	VE3CRG	VE4EAR	JA2QXP
LZ2JE	KR6C	VE3YV	W0AWL	JG1NBD
N8TR	N1API	W5DAW	WN6K	KE1F
NA5DX	N1MD	WA4MIT	223	N2CQ
SM6BGG	VE1OP	226	9A9L	N2NL
UA0BA	W3NS	AB0RX	9H1SP	PA3GCV
W4GHD	W6RS	CT1FUH	AK6I	SP3QYQ
WX1S	W8WEJ	DK5QK	JH1FVE	W1WLW
233	ZL3NB	DS5DNO	JO1LVZ	WB6EWM
DF1SD	229	IZ3XEF	K7LJ	YV5LI
DL8DWL	CE3GN	JA1VRU	N3QE	219
IK5JAU	EA3NP	JA3MIO	N5WE	AA4NC
JA0GCI	EA8PP	K0SD	VA1CHP	DM2RM
JA2MNB	HL3GOB	KN3P	W3UA	HA2ESM
JA3QOS	JA2ACI	OE3SGU	W5RY	IK2GAJ
JA7XBG	JA3GM	OH2BLD	222	IZ8VYU
K7EV	JE1IBI	PA0FVH	DJ5EJ	JA1BNL
KW4MM	K6MW	S59DJK	DL5NO	JA1GVM
OZ1HX	K8CS	UR5FEO	I2LXA	JA1VDJ
RM3DA	KB1EFS	W0EWM	IK0PRP	JE3ENP
VR2XMT	KF4MH	W1EQ	JA0DET	JF2HPA
W2IUC	W7DPW	225	JA1BDF	K1BD
W9BB	W7YW	9A6ST	JA1WTI	K2UR
XE1KK	WB0ULX	HB9RG	JA7BME	KG6I
YO4RST	228	IC8SQS	JH1ORA	KI1U
232	HA5FA	IT9JOF	N6VNI	N6PEQ
DF7SF	JF1RYU	IW2HUS	ND4V	NI5F
EA1ACP	JR6GIM	JA1PVX	WC4B	W4DC
F5UJK	K0MN	JA7AB	YO3VU	W7AH
IZ2MHT	K1GE	K4EM	221	WA3AFS
JA9FPI	K3PP	K9RT	AA0MZ	XE1RBV
JH1ILX	KA5V	KA6BIM	AC7ZG	YB1UUN
K9UQN	N1ZJ	KE4UW	DF4WC	218
N7GR	VA6MM	KN6KI	DJ6OI	7L4VYK
NM5Z	VK5CE	LA0FA	G0ATX	JA0EKI
S52OT	W7KS	N7GVV	GM1BSG	JJ1LBJ
W7SYK	WU9V	R5DT	JA1ALT	K9OR
YV5NWX	227	SP3SUN	JE2KSM	KA9OKH
231	9A4T	SV1XV	K2FU	N1IW
9A6R	AC4G	UA3O	KV1J	N1WQ
CT4GO	DK3PZ	W6ZQ	N4NW	N2LM
EI1DG	IK0HBN	224	PA3EBP	N8DC
IZ8EDJ	JA1FVS	AA4FL	PY2VA	NT9L
JA1FJJ	JE1HRC	EI8IU	S55ZZ	NX1L
JK1TCV	JH1RVQ	IW3GJF	SM5FQQ	W7MEM
K5GH	K4RO	JA4DHN	VE7TK	217
VK2CA		K3SEW		AA6RR

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AJ4A	JM1GHT		SP2FAX	RA3TT
DK5WJ	JM1LPN	211	W6TK	
F5HRH	K1RI	AA4U	W8OM	204
IK2RZP	K4QD	DL7AFS	W9AJ	DL2KC
IK2YQX	KF8VX	HL4CJG	ZL3TE	G7SSE
JA2KNW	LU1BR	JE2DZC		IV3KCB
JA2NDQ	N3KN	K2CIB	208	JA1DSI
JR1WCT	N9LB	LA5SJA	DL2DWC	JA2BAY
K6RO	NQ1K	N5VYS	EA2AAZ	K9QFR
K8NVR	OE1SZW	ND5S	EU1DX	KF2DT
KA1DJ	W8OP	R3BB	GM4UZY	LA2QM
KZ1W	W9CTJ	SP9AI	IK6BOB	NA4EA
N3RW	WA6SCW	UR4IOR	KE5TD	PA3BWD
N7ZO	WX0Y	W7IV	N0OK	PY2GG
OE1WHC	XE1MEX	YO5BRZ	N9QQK	UA3TT
OE7FMH		ZL3PAH	SM5APS	VK4CAG
SV1VS	213		W9YSX	W1GD
VK3BDX	AB4UF	210	WA2VYA	W1SSN
VU2LBW	BA7IO	AA4DD	WA5VGI	W5VU
W1RY	BV1EK	AF4Z		
W6DPD	DS3HWS	AF5CC	207	203
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WB2KSK	HL2FDW	IC8XIL	HB9ERU	EA7AN
	JA6BP	JA1OND	HI3T	IK4DCX
216	Ji6IHG	JR3RIY	IK5BOH/2	JA2ZL
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CT1BOY	KM6HB	K9NR	SM4CTI	JR0AMD
DL3ZH	KM7R	KU1T	UT2IZ	K1KO
HB9DHG	N9MR	KW3W		K3SV
I8YAV	RO1B	N4NX	206	K9MK
JM2RUV	SP7ICE	NI3K	7L1WII	KD9M
KF6HI	W1ZK	OH3JR	AG3V	NR9J
KM1C	W7ZR	R9TO	AL7R	VU2CPL
M0IKW	WA3WZR	SV2CLJ	CU2DX	W9AMX
N4ART	WA6YEE	UA3FX	DF7EE	W9ANT
SM7NDX		WB6BFG	DJ8SN	WA4CEM
VE3XJ	212		DK8IZ	WB9PNU
	4X1SK	209	JA0KJE	WS1F
215	AB1J	9A6W	JA2KSP	
IW5ALG	G3KMQ	AA6PI	KX4TT	202
JA2KTP	HB9AWS	CU3AA	MD0CCE	DL4FAP
JJ2VLY	HB9BOS	EU1KY	NT5V	HB9DVZ
JM1TWR	Ji3BFC	EU1U	PA3ABH	JA4FJL
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K3BR	JL1GYZ	IU4CHE	SA0AQT	Ji0VIF
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KE1B	M0VAA	JA6ATL	VA7XX	K8NN
N6KK	N3VA	K4JC	VU2PTT	KA6A
OZ7DN	N4SC	K4WZ	WA6APQ	N1EN
W1MR	N6QI	K5VWW	WC5M	N4UFO
ZS5LEE	OH2RI	K6EME		N8EHW
	OK1MR	KK2M	205	NA2P
214	PY4BL	KK4OW	HL3EHK	NN1N
DG7RO	SM0EUI	KK8X	IK8UHA	PY2FUL
HL2IFR	VE6LB	N4CRI	IZ4DIW	SV2DCD
I8IEQ	W2/CT1GIF	ND4X	JE4CIL	TF5B

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W7KSK
XE1J
YL2TW

201

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NA2K
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W8PAT
W8TWA
WA1MPB
WA3F
WA8HC
WC2C
WN9Q

200

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DJ4XA
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F5INJ
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JA6CMQ
JA9LX
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K0QQ
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K8WK
K8YSE
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N7IP
N7QU
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OE3KLU
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YO3DDZ
Z32ZM

199

AA4VV

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ON7TK
UA1ZFL
W4MAY
W5ZO
WA7ZDU
WA8CDU
WB4GLI

198

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IK2RGT
IW0BYL
IW0HQE
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JA4BUA
JK1OPL
JO1ABS
K3PT
KA2CYN
N5DD
N8LJ
NW6S
RK2FWA
SM7IUN
UA3LAR
UN7JX
W9BEA
WN6W

197

HA5KFV
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JA4DGG
JG3RWX
JH7WNV
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K4MS
KE9I
KJ7M
N3ME
N4AOE
NE0DX
RN3CT
W3DM
W6HDG
WB3JFS

196

7K3QPL
F5CT

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KV4T
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NF1O
NN4SS
SM5CBM
W2GR
W5DNT
XE2YWH

195

9A2JH
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JE1BMJ
JG1WNO
JH0INE
JR7WFC
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KS4S
LU9DO
N4HB
N5LZ
ON6ZV
PY2RN
SP6FX
VE3BW
WB3AVN

194

AA4EA
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HB9TQL
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IK8SCR
IZ8EEI
IZ8EJB
JH1OVY
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K1NJ
K5XX
KC6X
KF8HR
KM4H
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W8RAH
W8UL
WA2VQV

WA9JWL

193

AD6ZJ
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LA2GH
R9MJ
SP1DSZ
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W5JAY
W9QO
WS5W
WX4TM

192

AF6PK
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JA9RT
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JE7BUH
JF2SKV
JK3DGX
JR3MTO
K0ABC
K6XN
UR3EO
W4UEF
W6DE

191

AD4AA
DF5BX
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JA3ENN
JA3WMS
JL3DGI
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KE4FW
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SP3UY
SV2AEL
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W9YE

190

EA8AJY
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JH8NQQ
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KK8MM
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189

EA1CP
F8BJI
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VE3UR
VK3HJ

188

4L1MA
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KJ4UZU
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SP9AUV
TA1DX
W1AW
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YO4AUL

187	K4WES	JH4ADK	178	E21EIC
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W3MR	XE2B	NU1O	JH1CHU	M0KCM
WJ0T		ON6KE	JH1DSF	N4ST
	183	RX9JX	K1FT	NS3L
186	CT1BNW	VE3TM	K2PF	SP4MPH
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G3XLF	DJ3OE	WB3D	KY5I	VE3CWP
HB9TOC	HB0WR	WB5JID	KZ2I	W1YRC
IZ4DZD	IK8ERL		N4PJ	W2FB
JA2AXB	JA1DUH	180	N4PYI	W4OV
KC1UX	K0SQ	EW1BA	N7TY	W6CN
KF2OG	KD4POJ	F6FTB	NA2AA	WB1ASL
KF4VTT	KE4S	IW3RCK	NC6K	
KI6X	KP4ED	JA1FUI	NJ4F	175
LA5HPA	LA1K	JF1TEU	SP3IK	AB4H
NK4L	LB2TG	JG3IWL	UN3G	DF2GH
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SP5ECC	N7NR	OH1TV	W4RBO	JA8ANQ
VA7CRZ	N8AGU	ON8VM	W7AV	JH1NYN
VO1HP	NA5Z	S58J	W7BEM	JJ3FRB
W0ZS	OH3TY	WA8A	W9NIO*	JR4DHK
W4DVG	TA1CM		WB4ROA	K0BBC
W6SA		179	ZS2I	K1JOS
	182	3A2MW		K3VPZ
185	CT1FCX	AA0ZP	177	KD4MM
DF2UA	I0OSI	DB3KE	DF2ME	KE7W
DJ1TO	IZ8AJU	DL1DWT	DL5CF	KG6WIK
DL2RTL	JA1WWO	DL3HAH	DL9FCY	MM0BQI
DL4ZAB	JA6HJW	DS4GKF	G4XEE	N4BAF
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IZ2GNQ	K7KB	JA1NLX	K6JAJ	W1FA
KN6J	N6BM	K2TV	K9KVA	W5RRK
KS4YT	SV7CUD	K5NV	N2NW	WB6JJJ
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VE2AXO	UX5UO	KB5GA	SV1GRE	YU1NR
WA2HIP	W0SD	NA9A	UT7KF	
YO2CMI	W4CCS	NY2NY	VU2ABS	174
	W4HX	OE2WJL	W3DRY	AA9GR
184	ZL3RJ	SM2YIP	W6HGF	BX5AA
AC6BW		SP8FB	W9MO	EW1P
DL4NN	181	VE2BR	WA5LFD	IK2SYK
DS5TOS	9Y4VU	W0BBI	WB8FVB	JA0CIU
F4GTB	AH0U	W0JMP	WQ1H	K4ZO
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IW5EIJ	DJ7JC	WD8KND		LB7ZG
JL6USD	EA5DKU	YB3MM	176	N4XYZ
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K4HC	IK0XIH		AK7O	W6RKC

173	N8VV	IS0EBO	KP4DS	WA9GON
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HK6P	W4ASE	KB8DID	RA3SD	JA1ASR
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N9UA	K9BJM	SP5APW	AB9YC	KK4CLY
OH8LXT	KJ8O	SV1BYI	G0VXE	N4JT
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RL3AA	SV1PIZ	SV1NJW	IZ8GGF	NC4RY
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ZP5YW	YL3DQ	DK3TL	K9QJ	W5PD
172	169	I2JR	KB0IKW	W9BS
AB0X	AF6F	IK0HTP	LZ2HM	162
AG0A	DK9CG	IK5PWN	N3ND	8P6SH
CU3EQ	DL1HBT	IK5XLB	N7EO	CT7ABQ
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G3LAS	K2RET	K9AAN	VK6LC	IZ1RFL
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JA1PRV	N6VH	LA8AW	WA0WWW	JA6AVT
JA5XPD	NI7F	N2ZZ	ZS6C	JA6JYM
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KA1J	UA0SC	SP4WSG	CU3AN	JH1AWJ
KG8P	W1WC	W0MU	DD3KF	K0TT
NR4M	W3RMS	W2CG	G1VDP	K3CWF
OH2LHE	W8AF	W4KVS	G4FKA	K8WHA
VA3NXM	W8HMK	WF1H	JH1OGT	KE6V
W4TNX	W9ZCL	WM7A	K1JE	N1UZ
W6BBS	WA4SFF	YB1TJ	K4KGG	SM0BSO
W9CSX	WA8RCK	166	K4YJ	W2OR
WA0JZK	WB0N	CT7AUP	K9RB	W5WI
WM5DX	XE1V	DL1SWN	K9SG	WB6ZHN
WV2I	XE2X	DL8HBV	KB7AZ	WD9Q
171	YB0NFL	IK4AUY	KG5EG	WV7Y
DL5PW	168	JA3EJG	LA7GIA	161
F6ARS	4F2KWT	JP1EWY	NA8W	9A5MI
JK1VXE	DL5CW	JR1FHP	PY5IP	9H1AE
K3PU	EA1DLU	K3GP	SM4RGD	FG8OJ
KF9AF	IK3ASM	K6DLB	UR7TT	I4EUM
N6WT		KK9H	VR2XYL	

IK1PMR	VA3HP	SM5CSS	N5KDV	LA7CL
IS0MVE	W3WKR	W4OG	N5ZC	N1NU
IZ4NIC	W7VP	W4TO	N9LJX	N7ZA
JA5CDL	W8KA	W6CYX	ND2K	N8NB
JF0JYR	WD8MGQ	W6GJB	OE7SEL	NF4A
JH6WHN	WK8A	W9BF	SM2DMU	PC5F
K1DJ	WV4V	W9FF	SP5LKJ	RL9F
K2CYE	WW4LL	W9JJB	VA3TTU	SO5AS
KA7CVJ	XE1ILI	WA5NOM	VE3VC	VK3OT
KC9WPS		WS9W	WA9AFM/5	W4HVW
KG4CUY	158			W5WS
M0RTP	DL5KUT	156	154	WA9DU
N4FN	EA4DEI	CT7ANG	9A1A	WM9Q
RA3BL	EW4A	DG1LHM	AJ8B	XE3DX
S57NML	HL1IE	DL1HRN	BG4DRL	ZS6RJ
UN5C	IZ4AIB	DL9NDV	DF1KG	
W3BNN	JG2NLN	ER0FEO	DL6UAA	152
W4KCM	JG3KMT	IZ0NRG	G0MGX	AA1QD
WB2RHM	JK1LUY	IZ1JLG	IZ0FUW	AL7GA*
	K0KVR	JE7KQU	IZ5FSA	DJ4LR
160	K3MD	K1NY	JA1CKE	EU4T
AB3TM	K4KU	K2WJ	JA1IXY	G8AJM
AK4AO	K5WTA	K2YYY	JA1KRW	IK2VUC
J73WA	KM4A	KB5CSQ	JA1VRY	IK8TPB
JA4XHF	KW4J	KF5BA	JA2HNP	IW9FRB
JE2RBK	LA9GV	KM4NS	JA3IWB	JA5XWB
JG8NKJ	N3RC	KN4JX	JH1DGJ	JH1KIM
K4OY	NI0B	KZ2R	K0PC	K6GFJ
K4SE	NX2X	N4IQ	K6JJ	KB2CKN
LA2PA	RA3QUA	OZ0J	K8VT	LA8PDA
LU3VA	VE3GLA	RL3BZ	KI4DLS	N6PAT
N3OUC	VE5EL	RU0SN	N1MGO	ND9G
N8LCU	W0KW	RV4LC	N7VPN	SV8LMQ
N9IO	W1EG	SM7BHH	OK1DWC	W7VAS
VA2LC	W4NBS	SP5ZCC	SQ7FPH	W9VQ
WA1UZO	W6AER	SQ5CSF	VE7VV	WA0GUD
	WA3GOS	W9OO	W5QM	
159	ZS4JAN	WA8COB	W6KGP	151
4X6ZK		WD5COV	W9HBH	AB6L
6K5AQY	157	XE1MW	WA3ZKZ	EA5DFV
9A1R	AE0Q	YB1BML	YU5B	JA6WW
AA4LR	DL2CHN			JH1WJR
CT3KY	DL6UNF	155	153	JH4PBQ
DF8FT	F4EWP	EA1AHA	AB2NI	JQ1CIV
DM5EM	G4DYA	F5VHQ	DL5JS	JS6SCC
DM5JBN	G6NHU	HB9FBG	DL9QJ	K3UW
DS5QLJ	GM3WIL	HK1LAQ	HB9EFK	K4MQL
EA1JO	JA1SKE	I2KFW	JA0JPD	KC2STA
EA5GTQ	JH7WQX	JA1XUY	JA8EIA	KG4Q
G8GNI	JR3REX	JF7RJM	JF3KOA	N4BU
HB9BNQ	K0YY	K0CF	JH1HGI	NI0C
JA1CPU	K1KA	K6ME	JH1UBK	OZ1IKY
K4GO	K8LO	K7ON	K1KOB	RX3BP
KE1R	KK9M	KD3CQ	K7LOL	SM7GXR
NE1F	KX4R	KI6DY	K7PT	SP7JJE
SV4FFL	OK1IL	KK4CB	K8LY	UN7BY
UN8GU	ON6NG	KS7S	KR5D	W0QQ

W4DAO	ZS6HON	JA4CZM	PA3ACA	J14UEN
W8RHM		JL1QDO	PY5VC	K0KL
W9WI	149	K0BFR	SV2JU	K5PI
WA2LXE*	DS4BBL	K5ER	TG9AJR	K6RI
WC4V	EA3CAZ	K7CMZ	VE3OTL	N2CJ
WJ4T	HP1AC	N4DVK	W3UTD	R1AI
YV4DYJ	IK4ADE	N9BCA	WB4SON	SV1PMQ
	JA0BES	NG7M	ZL1ANH	UA3EAY
150	JE2ILG	R7CD		VE2HJ
DL1EJD	JH1OBS	SP5DL	144	VK9VKL
DS2GOO	K0IDT	SQ5NRY	AA3AZ	W8BI
EA3HDZ	KI3F	TF3DC	AB0Z	WZ1Q
EA7BR	KU5B	UN9L	DL8PG	ZS6AKU
G7TMU	LA6OP	W3MRL	EA7LS	
HB9CXK	N2VW	WB8BZK	F4HAB	141
HL1VAU	PY3IT	WB9TFH	I0KKY	EA1NK
IK2LEY	W2PSU	WQ5R	JA3AYU	HB9TUD
IU2ANW	W7IMU	YB2TX	JA7FAS	IK4TVP
JA1GVT	W7UG		K7ORK	IU8GNY
JA1XGI	WA5KBH	146	K8VD	JA3EY
JE0FPH	WW0E	EW8AX	KA1O	JA7WKG
JE4MHL	XE1HG	JA5RVN	KF5ER	JR1AUK
JF1CPH	ZL2AKI	JE2EBT	LZ4TU	KN2L
JF1IRW		JH4GNE	OH2OT	N4ZY
JH2LMH	148	JR0GXA	RK4FD	N5PA
JH4RLY	AC0X	K3GGN	SV2DSJ	NQ4A
JH7QLR	AD4QS	K4SX	W3NF	NX4W
J11DHY	AE4WG	K6BIR	W8TN	VE2LX
JP1GVC	DL7UIO	KC8YDS	W8VK	W3ML
JQ1HDR	EA1BLA	MW0CPZ		W3RTY
K1QN	EA4TD	N0VVV	143	W4PJW
K1ROA	GI4JTF	NY2E	AE9K	WA8KHP
K3GT	HK3J	OK2FB	AG4TO	WC4H
K4HEB	HLOC	SQ5OLD	CU7AJ	YO5OEF
K4MF	JA1MZM	VE7UF	IW4EII	
K5CD	JM1JIV	VU2IT	JA3MHA	140
K5TA	JR1CAD	W0PE	JA8CJY	AA6XV
K9JU	K1LTJ	W1GF	JH1DTX	CE3EEA
KB4KBS	K5PBR	W4LIA	JK1AXM	IZ1UKG
KG2U	K7LY	W9OP	N5FPW	JH1FRW
N6NU	N2DPF	WA2USA	N5WA	JT1BV
OZ1LCG	NZ5O	WN0L	OH6NIO	K2DH
PY3ED	PY4KS	145	UX5HY	K7VV
RA0BA	VU2MSA	CT3EE	VE3BZ	N4QWZ
RA9OO	VY2HH	DS3CPL	VE6PL	NS6E
VE1DUN	W0ZR	DS4DBF	W1UU	NW8F
W2/JR1AQN	W4MOT	HB9MXY	WA1HEW	OZ1RE
W4PGM	WV6E	JA7OXR	WY7FD	PY2GTA
W5TUF	WW8W	JH5OXF	YB8EXL	TA3BP
W6KF		JR7MAZ	ZL1AIX	UN7BK
WA4TMJ	147	K1ING	ZL2DD	W6SIY
WB1AEL	AC0B	K1KU	ZP5JCY	WA7BNG
WB4EEN	CE8SFG	K3TRM		WO2X
WM4AA	EC4KW	K8YAH*	142	
WW8RT	IK2ANI	KI4A	4X1KP	139
XE1GZU	IZ0RPS	N6NR	A41ZZ	7K2CWZ
ZL1LC	JA4CSJ		I8NHJ	AI2N

DL1MDZ	137	F5TJZ	SP9FWQ	HL1SX
F1ICS	AA5SH	G3KWK	SV1DAR	IK3XJP
G0AZT/W6	AA6MP	HB9FX Y	VE1AOE	IK6OIN
I5XFD	AB4Z	HC1PE	W1DYJ	IW0DGJ
JA1DFQ	F5VML	I0BJV	W2YK	JA1SCE
JA4OPW	HS7W MU	JH4VDP	W2YR	JA8NFV
JP1HDK	IK2RFC	JJ1BDX	W4TTY	JE4KCN
K1DX	JA2CPD	JR4CZM	W6XA	K3NC
K4BYN	JE2TLZ	K0DEW	W8MSP	K5CWR
KA8YYZ	JH0BQX	K0HB	WA9WJE	K5WQG
KK5ID	K4JJW	K3GW	WD5BJT	K6KZM
KK9T	K4WA	K3RRR	YB9WZJ	K7IA
LU2DSL	K6DEX	K4IU	YC0RI	KC1ERO
N3XM	KE7XM	KB5HPL		KC8RPV
NA4MM	N2RR	KE3ZT	133	KD2T
NQ4U	N5HC	KR7X	9A3ACZ	KI5BLU
NS7V	N9BUB	KT1J	AI1W	KJ2U
OH4LA	UT9LC	N3GSE	AJ8MH	KS4WA
PB7XYL	W5LV	N6TQS	DD9WG	KX7L
SV1FJF	W5WLA	NE3F	DK5AD	N2SG
VK2BYI	W6RW	OM2AGN	DL2RD	NC7M
W4CU		RZ3DVP	DS3EXX	NE0U
W8GC	136	SP2SGN	ER5LL	NS4X
W8NP	DJ1TU	SV1HAK	G4WGE	OH1TM
WA8Y	DL2PR	SV1JMO	IV3BCA	PY2EBD
WB4OMM	DL8ZAJ	W2GHD	IZ6GSP	SM5ELV
	EA3UU	W3FI	JA2OLJ	SM6WET
138	EA6AZ	WT6X	JA4HAW	VU2IBI
AA0KA	F5JSD	YB0EIN	K0LB	WX2U
AG6HE	GW4TSG		K1AR	
BV2LA	I7LGM	134	K1ZE	131
DK3WL	IV3RJT	AB5YI	K4EA	AC4CA
EA3GCV	JA8WGX	AI6A	K8BN	AD5XD
EW4DX	K0ZT	CT3BX	K9FZ	DK7YY
G3YBY	K5RRD	DL1APX	KB4MRX	DL2XN
G4FTC	K5WW	DL2JIL	KF6A	DS5BRE
G4NBS	K6MBY	GM0VIT	N8SHZ	G8GHD
G4ZWY	K8ZZU	JA1UOA	NF2K	HB9VAB
I4JED	KE3A	JE6RIJ	OK2QA	HK3CW
IK5ZAJ	KE9UA	JF2VAX	PY2ADR	IU8HEP
JA3ART	N6IE	JH3EQP	R7LP	JH3GFA
JA4VLK	N8MR	JI2EMF	W0BM	K5ZD
JA5CUX	NW2M	JR3QH Q	W4CC	KC3AK
JE2DOD	SP1DOZ	K0MP	W5DP	N3PPH
JH1BAM	SV1FJP	K2AT	W7DRM	N5KD
K2QQ	VK6OZ	K8IU	WA1ZKN	N8KSG
K2TA	W2HE	K8QKY	WA5HOD	N9ID
KC7HS	W4LLX	KJ4QDZ	WB2FAU	NV4B
N7KA	W9II	KK0DX	WQ5W	PA2ALF
N8WXQ	YC4CHP	N1RCT	WZ6P	SM4AWC*
N9KO		N6CPL	YO9BPX	SM6NJK
NA3F	135	N8DUY		SP2BUW
RA3CO	AK5X	N8NN	132	W2KZ
TF1A	CU7MD	NW4M	7K1CPT	WA2PNI
VA3VF	DL2IAN	OH3DP	AF4HX	WV1X
VE6MV	DL7AA	OK1JIR	G3YJQ	ZS6P
	F5LMI	PA9CC	HB9BCK	

130	UA4HAD	K2GLS	W8UV	JA0ED
AB4U	WA4USA	K3FS	WK9U	JA5IBP
AI6O	WB5KSD	K4LTE	XE1FAS	JF2AIJ
CE1AT	WT5L	K5GZR	ZL2JON	JK2VOC
DP1POL		KB1HY		K2CQW
EA1NO	128	KB5HC	125	K3OK
G3XVF	AA7XT	KE1AU	DF9TW	K6ED
HB9ZS	AJ6T	KU4V	EA5GMB	KA4H
IK4IDF	DF5MA	M0TTB	HB9BOU	KA6RWL
IW4ARD	F6FGY	N1AC	HL4CKT	KC3HFW
JA8DSO	JA1BFN	N2CG	JE6UWU	KE0LY
K0EOO	JA7DPC	N4WE	JG1JAN	KQ4LA
K8KI	JR1HYA	NY7T	JI1ITW	N0BK
KO6UW	K4ED	OE9DGV	K3DFL	N4XQN
N1CNG	K5EJ	PY6ACP	K3OX	N8RF
N1HO	K5HK	SQ7B	K4CX	NA1DX
N2NF	K8EB	UR7EY	K4GM	NA6MG
N4GU	KI8AE	VA7ZT	K7TQ	OH8GBT
N7MSU	KN7K	W0IZ	KI0HA	OZ1HPS
NA2U	LA1CO	W7IUV	KW7N	PA8F
ON6LY	N0HJZ	W9HLQ	LX1TO	RM4C
RZ6DX	N2KI	WI7P	M3DFW	RN3QO
VK2BGL	ND4Q	WY0V	N2XQM	SQ7JZO
W1HY	ND4Q		N2ZN	SV1RZE
W4DYR	NQ3A	126	N3JIX	TK5EP
W4NE	OE1TKW	4K6DI	N6MA	VE3YXO
W5THT	ON6LP	4O7CC	NC7B	W2JLK
W9GM	R9OSN	A61DJ	NK9O	W5QP*
WW3QB	SN6P	AG7N	NS7K	WA5NFC
WZ8P	SQ7RAD	AL9A	RW4UU	
YB8HI	W2OIB	DL2GH	SA7BXU	123
	W4BCG	E21YDP	UA9CGL	A71EM
	W5FPT	EA1AZ	W0OGH	AC1O
	W6OUL	EA5HM	W3ATV	DF9DD
129	W8DN	HB9POU	W8MHW	G0MMI
7K3BKZ	W8TOM	HI8S	W9DKC	GI4OWA
AA4AK	W9HZ	HL3EIL	WB2UFF	JA6COW
AI4FR	WD5ELJ	IK0WRB	WY2E	JH7DFZ
DD0VU	YB2IQ	IW3RUA	XQ7UP	JK1OTP
DL3GA	ZL2CC	JA3AVO	YB4IR	K7VC
EA7MA		JA7JAA	YL3GDM	K9WMS
G0SYP	127	JE1PNX	ZP9CTS	KB8RTB
JA5OXV	7K1LUE	JG8TQL		KL7QW
JF1WLK	9AY2K	JH0UUY	124	KQ5S
K4GHS	AC8TO	JH6JMM	AA4MY	KU4A
K4MIJ	AI3Q	K0GEO	AB7TJ	KZ7N
K8YE	DL3KOG	K4CC	AD0TR	LA8OKA
K9OHI	EA6/W3DM	K4NI	CQ0ODX	LA9VDA
KK3Q	EB8AIU	K7WLX	CU2AF	N1JG
N4HN	EW2DZ	KD2CYU	CU3HN	R6AF
N4PGL	HB9DDM	KM4HQE	DH8WR	RA9SAS
N5BA	JA1PUK	N5JB	EA3DNC	RU9MX
N7DED	JF1OSL	N6FS	EA3GLB	SA5CDO
NQ2O	JI3MJK	N6ML	EA8AAH	UR5EIT
PA1GYS	JI3OYK	N8TFD	G7CNF	UT5UML
S53X	JJ2HCM	TF3DT	HL3AHQ	W4BGH
SM2GSR	JR1ARK	W3DF	IK2WSO	W6WA
SP9WZO	K2DLS			
SV1EOS				

W9MDB
WA0STV
WC3W
XE1YD
YC0MAT
YF0TUR
YL2CZ

122

DK7AO
EA7ZY
F1VEV
GW4BKG
HA5AEZ
HI8SMX
JF2OHQ
JR2HRR
JR3ADB
JR6GV
K3LR
K4LOD
K4MWK
K5HDE
K6GFB
K9SE
KA2KON
KB4ET
KW0A
LA2RR
N3HYB
NA9Q
NU4Y
SM5API*
VE3FJB
W0ALA
W4PGC
WB6RAB
WD9EWK
WG0M
ZP9MCE
ZS6A

121

AK5Y
AK6DV
DC3RJ
DG1DJK
DL7JRD
EA4URE
EI6HB
G4XRV
HA3OU
I0LYO
IZ8BGY
JA1DM
JH1XFR
JI1SAI

JJ3OFL
JT1DN
K1GND
K4JEZ
K5JUC
KD4SN
KT1I
KY3N
LA3DV
N4MEC
N8TEM
OK1DX
ON6MX
RA6XV
TF3Y
VE7BC
W0FG
W3OD
W4SW
W4TE
W4TIJ
W4TNH
W5DQ
W5HTG
W7KKC
W7PN
WS4WW
XE1REW
YO9FNP

120

AA2FN
AC9X
AD5CA
DL1DWI
EA2CJ
EA4GQS
HA5AGP
IZ3GJL
JN3RBE
JR3TOE
K0VM
K3MQ
K3SF
KA5YCM
KD0S
KM5VI
N0IRM
N4EDT
N4GE
N6NG
OH3GGQ
R7HF
SM6JQZ
SM7HZK
SV1QXU
VK3BM

W0ANZ
W1OG
W4RQ
W5/NH7C
W5VFO
W6ZL
W8GNM
WA6BOB
WA9PIE
WD9GMK
WR7Q
ZR6DX

119

DL1HAZ
EA1CJ
G3VPW
I3PVE
IW5BT
IW8CGX
JA1WTO
JA6GPR
JA7MWC
JF1LZQ
JP7EIP
JS3OSI
K5PAX
K5RT
K5VSD
K6RG
K8PTT
KC6G
KC9LFD
KF5WCP
KG2GL
KM4CQG
LU1AC
MJ0LEL
N1KC
N3AF
N4XMX
N7RVD
N7TWS
NU7J
OK1DH
PT2DF
PU8YPL
RA2FKD
RM6LW
RN9N
SV5DKL
VE3SKX
W0CO
W2MIE
WA2RP
XE1RCS

118

4Z8BB
9A6ZT
EA5KA
IK2BUF
JH1VES
JN1DGP
JR3DXJ
K2DC
K6UT
K8ZEE
KQ6K
KT1M
N7JB
N8HM
NH6T/W4
NR5O
PY5CC
R5ACQ
SV8RMA
VK4BRT
W4NJ
W4UCK
W5HMK
WB5TEQ

117

9K2HS
DF1CH
DJ7TW
DL3MR
DL7UX
DU1IVT
DV1/JO7KMB
G0JSP
HB9CXZ
HB9IQB
IZ3CAN
IZ5IMB
JA2WYN
JA3MAT
JA5XAE
JA7JND
JH2IEE
JO1VRV
JR4CTF
K3XC
K9CHP
KR7RK
LA6JKA
LB5WB
M0OIC
M0TQR
N3XRU
N3YZ
N4BPP
N4WD

N5RMS
N6KW
N6XT
N8MSA
NX7U
OD5PL
R3FP
SQ2BXI
SV1EJD
W3IZ
W3SCA
W4VZH
W5ZH
W8KHP
WB5TOI
ZL3GA

116

9G5ZS
AC7JM
AD9I
AF4OX
CT3MD
DD7ZT
DF5WA
DJ9FK
DL2LDE
DL3MB
HA5OMM
I0IA
IK5BSC
IW9FRA
JA1II
JJ7TDH
JR1RCQ
K0IP
K0TV
K1IG
K2OP
K7ADD
KB2GCG
KB8ZUN
KC5RR
KF4DUE
KK6YA
KP2N
N4UFP
N4YCI
NE1I
R0CAF
R2YES
SM0KCR
SP3EPG
W0SA
W3DAD
W4ALF
W5YM

W6BXQ
W6GRV
YO3GA
YO4PX
YU7AM
ZS2CR

115

AA9A
AC0XY
AK5Q
AK6A
DK1CO
DK3NU
EA4ESI
G3SWO
HA3JB
HG6IA
IK8JRD
JF1KIG
JF3VEC
JH2ABL
JL1FUQ
JR1EYB
K4VD
K9FE
KC9K
KF2X
KJ4IZW
KL7J
KO1H
MU0FAL
N0VTZ
N4QVM
N4UPX
N5BCA
NA1VT
NJ1H
OE3JAG
ON3JMV
RW3RN
UR5NMZ
W4EJG
W4EY
W4ZE
W9FFQ
WA7HQD
WB7JEP
WE4S
WM2U
WX3P
XE1SVT
YO7NE

114

4K5D
D44BS

DK4TP
DS5KJR
EA4BQG
EI8GS
F5LCU
G0KLD
G4GEE
HB9CAT
I1GMF
I3OBO
IT9SMU
IZ6GVC
JA1TOU
JA4HXF
JA4RTX
JH1DWN
JM1XMH
JO3WHB
K1GVW
K2HAT
K3IXD
K4RG
KB9S
KE7AUB
N3AIU
N4JJS
N5UWY
N8NH
NE6I
NW7D
NY6C
PY8WW
SV1AHV
TF3EK
VE3XK
W6FFH
W8LNL
WA2LTH
WB2SXY
WB8RFB

113

AJ4VE
CT1BWW
EA1MV
EA4EPY
HB9CQL
I2ZGC
IZ1XBB
JA1JMF
JG5DHX
JM1WBB
JR3PKO
K2RU
K7HC
KA2F
N4LKB

N9HF
NL8F
OZ1GEJ
R7KKO
RV3AMV
VE6SH
VU2SWS
W0TLX
W4GBU
W5EW
W7GSV
WG5T
WV4Y
YC2JPO
YD1BJJ
YU1AM

112

9K2NO
DJ9UP
DL2RUG
EA3NG
HB9DED
IW0GYC
IW8PQ
IZ4COT
IZ7DMT
JE3PCP
JE7OEC
JL1JVT
JR1AQI
K0MD
K8RC
KA1VT
KI4KWR
KK4DK
KO4XJ
N2HX
N6ZN
N7TR
OE5WRO
PY4AZ
SP3CUG
SQ6RGK
VP5JM
VU2DCC
W1MAT
W2KI
W4DRK
W4MHA
W4YR
W6IA
W8LNL
WH7DX
XT2DP
YB8FL

111

AA4CK
AC2RL
AE0P
AP2IA
DG8KAD
DK5MR
DK9WI
DS4GQR
EA4CI
G3ZRN
HK5NLJ
I8LWL
IK1CJO
IN3JJI
IU4BIP
IV3XZG
JA1JNY
JA1RRA
JH4QKY
K1MK
K4HYJ
K5AR
K9UO
KB2SSE
KC9GLI
KX7YT
LA1J
LA2IR
N0TK
N3QW
NK5Z
OE8MOS
ON4ACG
OZ4ZT
OZ9HMN
SM1NJC
UN6GAV
VK3YR
W1KE
W4DFU
W4GKM
W4GV
W7WW
W8LMG
WB3AVD
WE9M
WV5Y
YB0NDT
YL3KV
ZL1BIV

110

AC4FZ
EA1AVN
EC1AKI
F3RG

F4FPR
F6BEG
G3NXT
G4ZKJ
HB9DCQ
HB9ESC
IW2FLB
JA4DHR
JA5BZL
JA9PHV
JE4NAN
JH3PTC
JI3CJP
K2SNJ
K4QS
K4RDU
K6OWL
K7LLC
K8BKM
KB1IKD
KC5GGE
KN4NN
N0STL
N1KEZ
NA4C
NT3B
P40YL
SM4JSF
SP7ASZ
UA0C
VE7OR
VE9BJK
W0MRZ
W1AO
W4PG
W5GML
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WK0DX
WY4I
Y39XO
YC6EI
YE6YE
YU1JF
ZL3HAM

109

AA6E
AB0Y
AF9A
CU8FN
CX1FK
DD2MON
DL6WA
EA1WH
F8EZE
F8RR
G0KRL

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G3TDH	K6BV	K0TI	G4DBW	W7ZJ
G4DDL	K7LFY	K3BAK	HA0GK	W8JE
HB9WDF	K9SM	KB1WV	I0KHP	WA2ALY
I2HEO	KD0PMW	KB2VMG*	IK4MHB	WA3QPX
I3XUH	KD2GC	KD3HN	IK7NXU	WB2JXI
IK5QPS	KD3KW	KI8U	IK7WDS	WK6E
JA6BF	KD6AZN	KK4YA	IU1KAX	YB2BNN
JE1LPZ	KD8JSP	KO4PY	IZ2ZPH	
JR1IZM	KE5BR	KS3F	IZ4IRO	105
K0FF	LY1O	N1AM	JA2LMY	7Z1CQ
K1PGV	LY2KX	N3DNX	JA3RAZ	AB9M
K2UO	N2LEB	N5QS	JH3FEN	AC0TP
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KI4SP	N8NOE	N9DD	JN4FNZ	AI2S
KR4BD	NK5A	NK6A	JQ1PCX	DG7RF
KR4RO	RA4HT	NY2A	K0RY	DM1DK
N4DJT	RV6LNZ	NZ4O	K2RKJ	DO1NSP
N6AKI	S56A	OE9GHV	K3IU	F6BIP
N6ERD	S57CT	OH8MWD	K4BOI	G3VQO
N8IL	SM2LKW	OK1VKX	K4DL	G4CTY
N9XX	SV3KH	OT4B	K4JT	HB9FUR
NA5J	UA1NFA	R3PJT	K4KIY	HB9TRR
NA6O	V51YJ	S52R	K5ED	IT9YOZ
RD4A	VE1HQ	TF4M	K6KA	IV3XNF
RW6A	VE3ST	UA6A	K6QU	IW1PUR
S51HF	W2HRO	VA2RC	K8AA	IZ4GOL
SM2HWG	W4OWY	VR2CO	KB9EWG	JA2CKK
TF3JB	W5RJ	VU2SJV	KC7QR	JA3MHV
W1XY	W6ACU	VU3DJQ	KD4JS	JH1JEJ
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WB2QJ	W7XN	W2SF	KL7TS	K0ARM
ZP5ALI	W8HF	W3FQE	KM2O	K0VC
ZP9EH	WA4YIZ	W4IWH	LU9XT	K3TXT
	WB2P	W4TOY	M5LRO	K4BU
108	WD0BNC	W6LAX	N1KI	K4UY
AC9S	WT9U	W6OQI	N4KFT	K5GKC
DC8VA	YB1LZ	W7AII	N9OI	K5XH
DJ3XM	YL7X	WA7YAZ	NA2R	K8SEM
DL5JH	YU7AE	WD1M	NA9J	K9DUR
DL6SAK		WO5I	NN3V	KD4BPZ
DS5AAQ	107	WS3P	NX5O	KE2M
EA7KP	9A6NA	ZS1SBW	NX6D	KG5VK
EI5IF	9V1PW		ON7MIC	KU1CW
G0AZT	AB4GE	106	PY2DS	KX7LDS
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GW0TKX	CU3EJ	9A1CVW	SM4GOJ	N4AB
HL1LKF	DF2KD	AA2AE	SQ8J	N4BRF
I2WEG	F5VKT	AA4XR	UA1AFZ	N5BV
JA2LA	G3VSQ	AE5RM	VA3YC	N6NKT
JM1MTE	G4GED	AK9B	VE3FXR	NA4D
K1MM	GU7DAI	DD2XJ	VE3VAC	OE1HMC
K1OC	HA5CP	DL3LBP	W2HXF	OE2BZL
K2AQX	HB9G	DL8XA	W2IZC	OE3EPW
K4AR	HB9SVT	EA4DB	W4ZYT	PU4ENY
K4AX	I5HZZ	F4EEX	W5EC	R2ANX
K4JYS	JA8IAF	F5NZO	W5ODD	SM4BNZ

SQ2OMK	K9FD/KH6	JA4VUQ	102	N9KW
TI4/N0URE	K9MQ	JA7WQJ	4Z5UY	N9OP
UR5FAV	KB7AK	JF1XUD	AA3FC	N9VMO
UR6LEY	KD9ZR	JP3SMH	AC4XO	NA9L
UR8IDX	KX2H	JR1QLM	BD7BW	NT0F
VE3CX	LZ2RR	K1JMH	CE3CEW	NU1T
VK6BMW	NF7D	K1PU	CT3IA	NU8B
VK6GOM	NQ7G	K2DF	CU3AT	OF3DP
W0MA	NU3H	K4DB	DH2ID	OM3WBY
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W4VAB	PY2TWI	K6GT	DK2XV	ON4KJR
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WA8LBZ	SP5TT	KT6YL	DL7ISL	PA0QRB
WI0E	TI2YO	LA1ZIA	DL9DRA	PA3CMF
WV9L	VE1YY	M1PTT	DU1RP	PA3FXY
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YO2IS	VE7KS	N2HOQ	EA1CRK	PR8MET
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AA8TC	W4AEJ	N9IXD	G4XXI	SP5NON
AC4OB	W5WRJ	N9NNL	G8OEF	SQ8KEZ
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BH4UTT	W6PG	NC8I	I6VTO	SV7BVM
DA0BCC	W7PP	NK5Y	IK2HTY	TK5DD
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EI5KO	WD6DBM	SK5AA	JL3RPD	VP8DIZ
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G0MGM	WU6K	SP9WZP	K1TG	W2DZ
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IZ3LEF	AG2T	W3BUI	K8VE	W9FG
JA6NQT	AG2T	W3ZGD	K9LRE	WA1TGN
JE1EKC	DJ2TH	W4PAT	K9RRB	WA4UWD
JG3NKP	DK3EG	W7AJ	K9ZJ	WA7EGA
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JO1GRR	DL4DZL	W8CNL	KB8ECG	WE9R
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K9BO	JA1EJY	WT8N	N5ZY	9A6JWF
K9DT	JA1IZ	YB2ECG	N9BT	AA4QE
	JA3UOQ	YB5NOF	N9FTC	

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BI8CKU	K6VIB	W0TUP	DG6DBV	HB9MZI
BV7RR	K8GO	W1CBD	DH2LAB	HC1TPV
CT1DIZ	K8TLC	W4DTA	DJ2YE	HK4EI
DF3NA	K9DID	W4RIG	DJ3GE	HK4FZ
DJ7WG	K9DJT	W4RKC	DJ6JH	HL2DNU
DK7GH	KA0VXK	W4WNT	DK7RCA	HL5YI
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DL8QP	KA1YQC	W6NS	DL1XG	I0QGR
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EA3ALV	KC9WIB	W8MQW	DL5WS	IU0ICA
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K4ADR	KE5AKG	N8XE	SM4XIH	W4SDJ
K4HQB	KE5CO	N8YQX	SM5HBL	W5BR
K4QY	KE8RU	N9BD	SM6VR	W5BT
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K7GA	KM4FTK	NO1R	UR5ZIW	WA3YZD
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KD2HRD	N5MI	R7RAN	W3GP	YB2TS
KD4FW	N5SLY	RA0AN	W3NTP	YC1KS
KD6RF	N5SMO	RA3LBW/QRP	W3SW	YC2VOC
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