

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 14 Nov 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	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC OH2BU OZ3PZ	PY4OY W3LPL W9IXX	UA6A	IK8HJC JA1HGY K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W8UVZ W9RPM
347 K4CIA K8MFO N4WW SP5EWY W4DR	340 AA1V DJ9KG JA4DND JH4IFF N0AT NN4T PA3FQA SP5CJQ VE3EJ W3UR	336 AA6YQ EA8AK G4BWP JA1WPX JA2JPA K1ST K2FF K4HGX K5RK N3XX VE3XN W0BV W2LO	333 DL4MCF EA6SX G0JHC G3XTT JA0EOK JA2KVD JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU WD5COV	330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI HA5WA IK4DRY JA1ADN JA3EMU JA5MHD JG3QZN JL1UXH N5ZM N8JV N9IW OE3GCU OK1MP SP3E VE3FF YU1FW
346 N1DG SM3EVR W1JR	339 IK1GPG JA1UQP K4UTE N4CH N8DX SM3GSK	335 AG9S JA4LKB JA5AUC JH4UYB N0XA N5UR OK3GU PE5T SP8AJK W0MHK W2YC	332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA0UUA JA2FBY JA4DLP K1OA K3UA N2LT SM6CVX SP2FAX UA4HBW W1YY W5BPT WB9Z	329 EI7BA GM3YTS HB9BZA I4MKN IK5HHA IT9DAA IV3JVJ JA1BK
345 OH1XX W9ZR	338 CT1EEB DF3CB JA5EXW SM3NRY W1DIG W7UT	334 DJ9ZB EA4KD K4XO K8SIX N4XM N8DJX OE6IMD SM5AQD SP3EPK	331 DJ9HX F6DAY HB9BGV I4AVG	
344 JA2VPO OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 HA0DU K3FN K4PI N4MM VA3DX				
342 JR2KDN K4DY K4MQG KF2O N6AR				

JA2JW
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JE2URF
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K4ZYU
N5AW
NO8D
NR1R
OZ1CTK
SP7GAQ
W0DJC
WA1JMP

328

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JH1GZE
JI4POR
K1HTV
K4MWB
K4QL
K4XP
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SL0ZG
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W5ZN
YO5BRZ

327

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NJ6P
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W5XX
WB6RSE

326

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JH1TWT
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N7RT
RU3FM

SP6M
SV1RK
W4UM
W8DCH
YO9HP

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JA5WIZ
JS2LHI
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K9EU
OE2LCM
SM4EMO
SP5DIR
W6RLL
W9OP

324

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JH8RZJ
K5EK
K5KC
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SM6CCO
SP9DWT
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W9OL
WB4TDH
WK3N

323

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322

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ON4CD
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UA4CC
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JH3VNC
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JJ2LPV
JJ3PRT
JR3OEH
K2UO
K2VV
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NK1K
OE6MDF
OE8RT
OH2BLD
OZ1AXG
SM2GCQ
UT7UJ
W8GC

320

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G3TXF

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JA3PIS
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ON4IQ
SM5KNV
SP7VC
VE3EXY
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W7AO
YV1DIG

319

FK8CP
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JI1DHY
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SV1FJA
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318

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PY5EW
SM6DHU
VE3LYC
W4FC

317

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IK8YTA
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316

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314

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LB8DC
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SP3CGK
W1GL
ZS6EZ

312

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JA1SYY
JA2IVK
K1HT
N5ORT
PY2BW
WA2VYA
WP4U

311

DK2NG
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JO7WXN
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OE3EVA
PY2XU
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VE1DX
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UX1UA
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309

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308

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305

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302

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299

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K8WK	JA3RQ	PP1CZ	R9SA	W4FQT
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KT1J	JM1FHL	SM2OAN	SM5ARL	W8BBQ
296	K4JAF	SP8HKT	UN7JX	283
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E73Y	N2LM	VU2NKS	W4YCH	HB9CQK
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JA1IOA	S55DX	W6YI	AB5A	JG3FEA
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295	K7ZD	JR7WFC	K1RO	JA2FGL
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K6SIK	291	W4VIC	W6PJ	UA0BA
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W5LT	K3PA	YB1UUN	4Z4DX	281
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W8HW	K9MK	288	DL2SWN	EI2GLB
YO2RR	KB8VAO	I1EIS	EA3GHQ	F3AT
294	KP2A	JL1RUC	IZ8DFO	GM3YOR
EA6NB	KP2A	JR1DUP	JK1GOK	HK3W
HB9BOI	MM0EAX	JR2LJO	K6GXO	IZ8FDH
HB9CEX	N2TN	K9US	K9SM	K0TPP
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JA1BPA	UY5AA	KK0M	OE1WHC	N5GH
JE1GWO	VE3CFK	SP9JZU	W8AV	N8SNM
JE8CLT	290	UA3AGW	WA6F	OE5BWN
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K5MC	CU2AP	W3RJW	284	
	DK1FW	ZS2EZ	EI9FBB	

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JA6TMU	N5MOA	K8BL	JP1NWZ	K8AJS
JF1NZW	ON4CAS	KI4GE	K0KT	KQ4AV
JR6LLN	RX4HZ	LA3MHA	K3UL	N4JQQ
K1GG	SM5CLE	LA8HGA	K4WNW	PZ5RA
PY2DS	VE1JBC	OE5FIN	K5PS	RA4CA
SM5CZK	W1ZT	PA0ZH	N4UOZ	SM0NJO
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W7ZJ	W9FR	W1YRC	OM4EX	WB3LHD
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	275	W3AP	W1MK	265
279	EA1AF	WN6W	W4MAY	AA4FL
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JA9IFF	K1DT	271	ZS1A	JH4HMG
JF2XGF	N2JJ	4X1RU		JO4CFV
VE3DZ	N7KA	AA8R	268	K2CBI
VE3EK	N8PW	HK1MW	HA5VZ	K6PJ
VK3HJ	W4OX	IK2DZN	IV3GOW	K8ROX
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W3JX	WO7R	JE6TSP	JK1TCV	N5KM
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W8TN	274	K7EG	K9MBQ	WB2BIN
	EW1KP	K8UT	KD4W	
278	IK0AGU	KS3F	N2AJ	264
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K2UR	KJ6P		SM5ENX	JA8ZO
KD0PO	NA5C	270	SM5FWW	JM1HJG
N7RO	OE2GEN	CT1EAV	SM6BGG	JR4LNG
VE3CRG	PA7RA	CT3MD	W2AY	K5RT
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		F9XL	267	RA5BM
277	273	HL2WA	DJ9ON	SV1CQN
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IT9CVO	K4MS	K0BJ	JJ1TKN	263
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N5LZ	W8RLS		UW2ZM	K1KO
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W7BEM	272	4X6ZK	266	KN6KI
WT4Q	AF9H	9A4T	7K1PTT	RW7M
	CT1GFK	IK8EPC	DL6JZ	W2OIB
276	E72A	IW1QN	F2NH	W3ACO
DK3WW	EI9JF	IZ8EJB	IZ8VYU	WA4LOX

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262	4F2KWT	JM1GHT	JA1BNW	KQ3F
CU3EJ	AA9A	JM2RUV	JF3PNQ	LA5HE
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261	PY5CC	VR2XMT	DL2RTL	247
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W0GG	DJ0UT	K3SEW	250	WS5W
W4UCK	DJ8NT	KI5BLU	EA3EQT	246
ZS6WB	EA7SG	N4LR	EI6FR	IV3KFB
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JA2TBS	NW7E	JE2RDO	PY2FN	W3ICM
JH3FUK	PY2MC	KE1F	SV2AEL	W5ZO
K8YSE	RU1AB	N6MZ	UN3G	245
LY1G	SV1VS	N7XR	UN7TW	N0AH
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SK7AX	256	UA0FO	W8JRK	N6UK
TG9NX	BH4QYX	WF4U	249	NZ3O
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	JH1RGG		JA8UIV	

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JF0JYR
JH3FHQ
K9OR
KA4RRU
KF7F
M0CSD
N4PJ
W4KA
WA4QMQ
WA6JA
WB0TVY

237
CT1BOY
G0VXE
IW3GJF
IZ5YHD
JA0LXP
JF1LMB
JH1DGQ
K8YYY
K9NR
SM0MPV
VU2CPL
W0JM
W2XI
W7Yaq
W8UN
WA0ROI
WB8B
WB8ZRL
XE1RBV
YO3JF

236
FG4NO
HB9ZS
HL2CFY
HL3AMO
JA1HOM
JA1JYE
JA3KNN
JK1UNZ
JN1NOP
K1ACL
K2NV
KI1U
KM3J
KM6HB
N2NS
N4GN
N4HID
N6IE
PA0TCA
SV1HEP
W0HBH
W2TB
W4GIW
W5JAY
W9OO
WY6N
YB2TX

235
EU1U
JE1IBI
K0VSH
K4QE
K5CWR

K8ZM
NW4M
OE2BZL
W7YW
WB8CQV

234
DF7EE
DK2CC
HB9JOE
IK0LNN
JA1EMQ
JA8XQI
JK1BSM
K4MF
KE8UM
N4HB
N4OA
N6PSE
NV4B
W3WST
WA4CEM
WA5UA

233
AA7G
AA9GR
AJ4A
CU3EQ
EA4DEI
JA4HAW
JG1OGM
JG8FWH
K8BN
K8EAB
N2FF
N2NW
N9BX
NE3F
PY5IP
SM0XBI
W6RW
W6YOO
WA8MCD
WB2KSK
WD8PKF
ZL4AS

232
AC9EM
EA1RT
I0JBL
JA2VMU
JA3BXF
JA6CBG
JH6DUL
K0DD

K1RV
K4ST
KF7PG
KJ7M
OZ1IKY
RK4FD
RQ3A
W2NRA
W2YR
W3FOX
W9PZT
W9ZCL
WV4TN

231
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HB9BYQ
HC1BI
HL2ZN
IW7DVM
JA1MZL
JF2WXS
JH0AWC
K2SN
KD6UO
NA4EA
W0FLS
W0QQ
W4UDH
WA4JQS

230
DK6OR
F6HLC
G3KMQ
IK8VRH
JA5NPV
JI1VVB
K1KA
KB9DAK
N0RN
RA7A
SM7NDX
W8KEN
W8WVM
W9YE
WB2NPY

229
AA3LX
AE0P
AJ8MH
G3LUW
IK2GAJ
JA2OLJ
JF2VAX
JH1APK

JK1VXE	K2BA	KW4V	219	NA2AA
K0HD	KX2A	N1NU	AG1A	NC4RB
K3FM	N2KX	N4ENE	HL5BMX	PS8ACL
K4CMS	N5ET	W4PNY	K1CA	TA1CM
KD1F	N6BM		K3WC	VE7BV
KI4DLS	N9AOL	222	K5JZ	W0SR
N4NW	VK4CAG	DJ9SO	K9ZM	WB3D
S51NM		DL5XL	KG6I	WS1L
W1WC	225	E77S	N1API	
WA1PMA	DK5RL	EA5B	N1KC	215
	EU1M	F6ECI	N6DX	G4FKA
228	JA3FHL	JA4FM	NA9RB	HB9EFK
F5LIW	JA3QOS	JA9NFO	W6GRV	IZ0BVU
GW4TSG	JH1UBK	JM1VRW		JA4CZM
JF1RYU	JH8NQV	K2AT	218	JE2UFF
JH1ERJ	K0OK	K6IPV	DL2NOM	JH0OXS
JH2PWY	K1JIU	KJ7TEA	DL4NBE	JH5HDA
JR7GBL	K1XV	N2SQW	DS4AOW	JT1BV
K4JC	K5YU	OZ7FOC	I7PXV	KF4NEF
K5FZ	KA8SYV	RA4P	JJ1QUV	KR6C
KE5FXE	MU0FAL	W6CYX	K1NTR	KX4TT
KS4S	N9SF		K6ZZ	N8NN
N6PM	SM3LGO	221	K8NVR	RN9N
RA3QUA	W3MR	AA0MZ	K9JU	V51B
W2DXE	W5GZ	EA2AAZ	KE3D	VK3NX
W9FI	W5TFW	EA5RD	N4JT	W0FG
WB8K	W8UV	HS1NGR	TZ4AM	W0TT
WQ6Q	YO9FNP	J11NJC	VU2CDP	W1JGS
WV6E		JR7FRW	WA2NPD	W4IS
	224	K5DV	WC4H	W6SL
227	EA7QW	KU4XO		WE4S
DL2RUM	JA2FSM	NY2NY	217	WV9L
G3VPW	JA8NFV	RU0SN	AB4UF	ZL2AL
I0MWI	JO1LVZ	WB0O	DH0GSU	
JA0DWY	K1CBK		JA2NNF	214
JE1HRC	N3RW	220	JA7ZP	DJ3AS
K1GE	N7WO	AA6RR	JG5RVQ	EA5AR
K5GH	ND4V	DL4DW	KB5UNX	F4GVO
K7KB	NH6T/W4	EA5DFV	KI6CG	I5XFD
N4IQ	OE3KLU	EI9FVB	N6QI	JF1MTV
N6OJ	RW4CY	JA6AVT	OZ0J	JN7DOS
NF4A	SM7BHH	K1DJ	SV8DOU	K0QQ
W5SL	SP6AXW	K4EU	W0TM	K7LV
W6DR	VE3SKX	K4MIJ	W8CZN	KB6CIO
W8GNM	WN6K	K5MT	W9KVR	N1EN
WA2USA		K6MM		VK3BDX
WA9GON	223	K7AWB	216	WB6BFG
WC3W	AC9O	KB1DMX	CX2CC	WE1P
YL2KF	AF2C	KZ9DX	DJ3XG	
	E21EIC	NA5Z	EA3CJ	213
226	EA7DUD	ON4ATW	G4VMX	9A1AD
DM2RM	I8MTQ	PA3BWD	HB9DQV	DK3UA
HA5PT	IK2RZP	SM0DSF	IZ0NRG	DS3HWS
HL2EIZ	IZ8MBW	UR4IOR	JA1FJJ	IK1IYU
I0OSI	JA1IAZ	VE7TK	JA2VHO	IV3FFI
IK7FPV	JH1DGJ	XE2X	K3NQ	JA0EVI
IK8UHA	JR1VAY		KR4W	JA1FVS

JA3NHL
JR1EFG
K2AZ
K2RU
K4JWA
K9GA
KK4OK
KK9H
LA5SJA
N8GP
NA2M
W2KA
W8WEJ

212

G4ZOY
GU0SUP
HI8RD
JA1BWA
JH3GFA
JJ1BMB
JK1WSH
K2HAT
KU4BP
PU2POP
SM5AOG
SP5LKJ
W5GA

211

IW0HQE
JA3LDH
JJ1KZZ
KK4OW
KT2C
LU6ETB
N1BY
VR2XLN
W5DAW
W8OP
WA3I

210

DJ9RR
JA1OVD
JA1PBV
JR2PZX
KD8RQE
KE4UW
S54A
W5DM
W5THT
W5WP
W7FP
WB4KTF

209

7J1ADJ
AH0U
K0VM
K5ALQ
KB4MRX
NE6I
PU1KGG
SM5BNK
W2/CT1GIF
W3BJ
W6DCK
W8HMK
WB0ULX

208

DL8SDC
JE2EHP
JH0NOS
JR3VMJ
K0THN
K4CGY
K4WES
K5RJ
KS4YT
LB6KC
N6PEQ
NW6S
OH7TV
W5FPT
W6WF
W8LMG
W9MO
WX2U

207

9K2BM
JE2EBT
JF1WLK
JF2OZH
JH2VVH
KE1VT
KK2M
KV4T
M0IKW
N9AKR
OE1JIS
ON4ANN
PY2RO
RD9M
SP7ICE
VK2CA
W1MJB
W4GE
W7NN
W9QO
YB0MWM

206

3A2MW
HB9CRV
IZ4DIW
JF1IRW
JH0BQX
JN1NBU
K8NK
KF9UG
KG9Z
KI7AO
KK5OQ
KK9T
KO6KD
N4TOL
N8BJQ
NA9Q
W0KCJ
W9DX
WA3WZR
WA6G

205

DL4LAM
DL6UNF
HB9BNQ
IK0UTM
JA4DHN
K3WWT
K4YYL
OH2IS
OH3OJ
VK3FM
W7HR
W8BLA
W8FIB
WA4MME
XE1J

204

AG3V
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HB9DVO
JH1OBS
JJ6DGP
JR0QFA
JS6TWW
K5FNQ
KB5HC
KD2T
KE6V
KM9E
KW4CQ
W4GP
W7IV
XE1L

203

F5NBX
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IZ0BTV
JA7JPZ
JE1VTZ
JH8NBJ
K9OW
K9TF
KM7R
N4TV
SV1FKZ
W1DYJ
W5RF
WA3FRP

202

AA9RR
DS5DNO
HB9CXZ
IK5BOH/2
JR4LZX
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K9WX
KA1DJ
N8WD
NU1O
W1AW
W3NS
W4RDX
W7TUS
W7VY
ZS1J

201

AA8SW
G8AJM
GI4OWA
JH1IED
K0MFI
K4YJ
KK1W
LA9GX
N9UA
PY2GG
RT5A
W6AEA
W9IL

200

CU3AN
HB9AGO
HB9IIO
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IZ8EKL
JA0KJD
JA3EY

N1IA
N4TD
N7ELL
N9PGG
OZ4VW
PA7TWO
PY3VB

199

AA3TH
AC0X
AD4AA
JH0RVY
K3SX
K4SX
K4VNY
MU0GSY
N2RR
PY2WC
V51YJ
W6JZ
W9LN
W9RXJ

198

DJ0MCH
HA7TM
IV3BSF
JR1IZM
K0GW
KA1J
N6ZN
RA3BL
W4DEE
W6SHY
YL2TW
YV5LI

197

4X4MF
BA4TB
EA1DLU
IT9AAI
IV3AVQ
IW9DNI
JJ2WOC
K0CS
K8SIA
KI4WCQ
LB5WB
NG7M
TF3DC
W1FA
W4DAO
XE1H

196	IZ5MOQ	N9JR	185	ND3L
CT3CD	JA0AXV	W2OR	JR0AMD	ON6KE
G7SSE	JA1QIW	W9ROG	K0KP	VU3CAU
I7LGM	K2TER	WB4GLI	K7UT	WV8DX
I8YAV	KB2FCV	ZS1DX	KU8X	
JA2NDQ	KM1C		N4HN	181
JH1OGT	SM5ELV	189	UN7BK	IZ4AIB
N2GZ	W8NN	HI3T	VA7ZT	JA2MNB
N3PS		IV3KCB	W2WG	JH1FNU
N3QE	192	IZ7AUH	W6RKC	K1JD
NA9A	F6FYD	JA1SGU	WB5NHL	KE5BR
RC2A	IZ7GIT	JG1SWM		KZ1W
SP3F	JA0CIU	JH1FVE	184	N6NU
W4HZ	K5IB	K6UXO	AD6ZJ	N6VS
W6HYI	K6XN	KY5I	AG5W	NV4A
WA0WWW	K9SG	N6PAT	DS4GKF	UA9AEU
WA2VQV	KE0A	RM3DA	EA5RU	VU2IBI
	KJ4UZU	RN3CT	HP2NG	W6SFK
195	KJ4YLO	SM4BZH	I0LYO	W6TK
CT1ELF	N0ODK	W2PP	IK0HBN	
JA7QQQ	N4XYZ	W6DPD	IK0WRB	180
JE2KSM	UR3EO	XE1FAS	K3JM	A61BK
JL3OUW	VA2IG		K3NF	G1VDP
K4KEW	W7IB	188	K5RKS	JH1IZR
KE4S	WW8W	A65BD	NW7M	K0IL
KV4AA	WY1G	EA7AN	SM2EJE	K2SD
N3XM	YB1TQL	HL4CCM	UN7BY	KD4SN
OH6NIO		JA0GCI	W7IUO	KY6R
SQ7FPH	191	JK1AJX	WB2HJV	N4FN
W2JLK	AA4NC	JP1GUW	WB3BFC	NA5S
W3SB	DF3EC	PY2RN	WB5STU	NZ5O
W6KK	DG5LAC	W4DC	YB1RUS	VK2HV
	DL4FAP			VR2XYL
194	HA5CW	187	183	W1LE
HB9ESS	JA1XRA	IK8GJR	JA2KSP	W4DSM
HB9VAB	JG1JPE	JA2ITK	JE4CIL	W5SUM
IT9ODQ	K8QKY	JH7NTW	K3EA	WV4V
JH1OCC	N4DWK	K1RI	K3SF	
JH8UQJ	N7MQ	K2DC	K6LRN	179
K1LT	OZ7DN	K4JKB	LU4FW	AA7XT
KR8T	VR2CH	N9KW	M0HIH	AF6PK
NJ3K	W5LO	PB9FN	NA2U	DL5MHQ
NJ7G	W6AER	W8UQ	SM7GIB	K1RH
SP5MXZ	WF1H		YB2TS	K4WZ
SP6EY		186		KE5TD
W5UHQ	190	AA4LR	182	KZ2R
W5VQ	AA4U	G4XEE	DH2PC	N3KV
W7MEM	AC4VM	K5QX	I5FLN	NY1V
W7PAQ	BV1EK	KC6X	I8LWL	SP5ELW
WA1NXC	DJ9KV	N6MXU	JA7FAS	W0ZS
WE2N	G3WW	N6VNI	J11CQA	W4CCS
	IZ0GYP	NU4B	K7LAZ	W4TUN
193	JH8KFE	UR5FEO	KG4JSZ	
7L4VYK	J12UDK	W4WN	KK8MM	178
AE4CW	K8ZT/QRP	W8RV	LA5LT	EA8AXT
DH3KM	KD0AA	WB4DNL	N8NA	G4DDL
I1YDT	N3AIU	WZ4RC	N8NB	I4UUL

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JA3UNA	LZ2ZG	W5ZE	SV1IZY	JA3AVO
K0NV	NN5E	WC0W	W7VAS	JE4WOK
K1ZE	NS3L		WA4NUF	JK1DDG
K4GO	NW7US	171		K2AX
KR2Q	UA1OM	CT2GZE	168	KC5LK
KU1T	UA9AGX	DL5MM	A92IO	KG4CUY
N2ZA	YB0DJ	F9CI	AG4Q	KH6XT
N6DHZ		IK3GBG	EA5HM	LA2XPA
W1OP	174	IZ5FSA	JH1ORA	LU8ADX
W6BK	AG7N	JM1SZY	K1VI	N3KS
W7HUY	DF8FT	JS6QOM	K2SY	PP7LL
WB6AXD	JK7LXU	K2MK	K5TA	RA0BA
	JR3TOE	K2TV	KC6JAM	VK3TC
177	K5CR	K6ZP	KF0RQ	VK6LC
IU0ICA	K9HQM	KB0V	KM4VI	W2FS
JA3EEM	KZ5DX	KW9U	KP3AH	WB2WPM
JE4RAL	LA6OP	N8WRL	LX1CW	WB9PNU
JF1LZQ	N4PYI	NA6O	N4ST	
JG3KLF	N5QS	VK2AAH	N6MB	164
K0EOO	VU2DCC	W0MU	OE1ALW	4X6KJ
K3OX	W5WI	WA4DOU	R4FAN	CT3DL
K8YE	WA4BIM	WA5KBH	VE3YXO	DL7JRD
SV8CKM	WB0N		WX0Z	E16IZ
W0IKD	WQ5T	170		JJ1JMZ
W1AO		AD3C		K3PP
W4KVS	173	DL2JIM	167	K6CF
WW2DX	AB6CF	EI6AL	JA8BOV	K6GFJ
YB1TJ	AI9U	HB9FBG	K5CD	KD8MQY
	DL5KUA	JA1GVT	K8SL	KP4DKE
176	HB9HVG	JQ1YIW	KB8NTY	LB7ZG
DL6NW	K5ZQ	K1ZJA	KE3X	N2XQM
IK0CHU	K6UNE	K6JJ	KJ6NZ	NA2P
JA1ERB	K7PT	K7CU	N1ZJ	PT7DX
JR1FHP	K8JE	LA2GH	PY2SEX	S50B
K5DCW	KD4POJ	N4VN	WA0SXV	SP7QHR
K5TN	LA9VBA	N5PA	WA5NFC	W6SIY
KT8D	N9DR	N6EM	WB8BZK	XE1YD
N1JP	NX2X	N7HN	ZS2Y	
N2MEE	SM0EUI	N8VV	166	163
N4MIK	WV2I	NK7C	AL7R	AA4OC
OZ9XU	WY7FD	NX4TT	HL4XM	AC4BT
W0PE	XE1R	OZ3SM	KN4FO	AE4M
W4AEJ		VE1OP	KR4BD	AI4QQ
W4LEW	172	VE2YG	LA7EIA	DS4NPL
W7WZ	EI1DG	W0OGH	SV2CLJ	EA1AZ
W9WO	F5JSD	WA4USA	W4PGC	F4CPF
WA3GNW	G3SBP		W8SAX	F4WDL
	JA1BON	169	WA1ZIC	HA5BSW
175	JA7DPC	4X6UU	WB3JFS	JF1KML
9H1EJ	JA7FVA	DM3CW	YO3AIS	JJ1BDX
AG5CN	K9UQN	JE3PCP	ZS6IR	JR6LDE
JA0LFV	KL7TC	K3VAR		K0ABC
JA6SQR	LZ1XL	K9OT	165	K0CF
JH6RTO	N3AO	KF9AF	AG6HE	K4GN
JO3WHB	N8HRZ	KI2D	CU3HN	KC2SST
KF6HI	OH2LHE	N5MT	EI5JL	KD1AB

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KW4MM	NI5F	N6MM	JR3QHQ	151
LA1CO	SV1XV	PY1NS	KH6M	AA4UC
N0AMI	W1ASB	W4NBS	N7JB	AB2E
N7VPN	W1TO	156	N7KDT	DF1IR
N9LEO	W6DOE	DK8IZ	NE5W	DL4KUG
R3IS	W9FF	EA3HPX	SM0BYD	JA2BUR
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VA2LC	ZS6RJ	G4AYU	W8TM	JH2NWP
W1OK	159	GM0VRP	WA5IPS	JK1BIB
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W8MIL	IK0WMJ	JA1CCG	WN7J	K4DET
YO3DDZ	JA3PRM	JA2ODB	153	K7LAY
YO3IPR	JK1EBA	JA9RT	EA3HDZ	K9AAA
162	JK1JAS	JG3RWX	HB9BEM	KE4BKL
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BH4IGO	K0IO	K1ROA	JR7MAZ	KK4CLY
DJ7JC	KB7AK	KA9OKH	K0LB	LZ2XF
HS8KAY	KW4J	KC4HN	K4OY	N7NG
K3DFL	LA4JGA	N7GCO	K8ROK	NU4I
K4MV	LA8ZAA	N7RD	K9MMS	SM0NUE
KA1API	N1MD	VA3NXM	K9YZ	VA3EJN
WA7BNG	N4BAF	W1MR	KK4XL	VA3HP
	NE5S	W5JMW	N0VVV	W3HER
161	OT1A	WA6QGH	N4QM	W5WLA
HL3ERJ	W1EBM	ZL3RJ	N7NW	W6WA
K1BZ	W1OPD	155	N7WI	WA9JWL
K2OP	WD5BJT	AB4GE	NC7B	WC2C
K4AR	158	DK3QM	OH3FVP	YO4AUL
KM4A	9J2BS	IV3TDM	SP5NON	150
N7QT	G4SGX	JR3ADB	W4DTA	AJ8B
NA6XX	HK3PJ	K2DF	W6FL	DF2UA
OK2ZDL	JH3EQP	K4EZY	W8VK	DK3BK
SM3PHM	JJ1KXB	KF4VTT	152	HB9EBM
VE1VOX	K3VPZ	KQ4EE	5P5Q	HB9MXY
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W9GG	K8GWU	N7WS	DF2WF	IT9IPQ
WI8R	KB2XJ	NO9E	DL8DWL	IZ2MHT
160	KJ7NO	NP3CW	DU1KT	JA6SUY
AA5N	N0IW	OE1HHB	G4AFJ	JA7GZM
E70T	N4XMX	TF3JB	IK5BSC	JG1GJH
EA1WH	W8LIG	UT7EC	JG2LGM	K1QN
HL1VAU	WB2RAJ	W5SV	K0RAR	K5HK
JA1UOA	157	WF8R	K2CYS	K9RT
JA7JM	7N3IJT	YB1AYO	K2EK	KI7M
JR1CAD	AA3AZ	154	K4RDU	N6JOJ
K5VR	AA8KY	DK1NAL	K4WY	N9IO
K7LY	EI2JD	DS5WQT	KD2OV	NG9J
KC9K	JA0ED	EW1P	KE9S	VR2MY
KF2OG	JA3MHA	JA0GZZ	ON4LG	W3KB
KL0S	JA4FKO	JA4HXF	R9JX	W8QXR
KM4NS	JM1ESG	JA8ANQ	W6RFF	WD8KND
KN7D	KN7Y	JH7WQX	W8FN	ZS1C
N4MEC	KW1DX	JI1WLL	WA6EZV	
N5WA			WA9IVH	

149	W3NRJ	K8OS	AC9S	N2SG
4O3A	W9GM	N5UE	EI3ISB	N7NF
7N2JZT	WC2K	NZ0O	F4DSE	ZL3TE
AC6BW		RN0C	HB9EXQ	
DS4DRE	146	UY2UZ	IZ0FUW	138
JS6SCC	AE5B	WB9W	IZ3XEF	DL5KUT
K2KIB	DS3EXX		JR3PKO	DL5ZB
K9EXY	HB9HHH	143	K1XE	G0FWX
KM2E	JA3KWZ	AA4MM	K2HT	HB9DVZ
KP4DS	JH1BHW	AF3X	K2JK	JA0CVC
N0STL	K6NR	EA4D	K4SAF	JA1VRY
N7MB	K8ARY	HB9AAA	K9AAN	JJ1OKK
NE0U	K8POM	JA1MOD	K9AQ	K2JL
NO0B	KB9AIT	JE3FOR	KA5VFU	K2RET
RT0F	KD3HN	JR7ILA	KC1ERO	K2YSY
UA9MC	KK0DX	K7QBO	N3ND	K6CW
WA1EHK	KM2O	K9BQL	W1NA	K9UWY
	KM8AM	KE4FW	W6HDG	KB7QFE
148	N6RK	KG6D	WK8A	KC9G
4F3BZ	N8TFD	KJ4R	WK9U	KF6A
A71AM	SP9IZV	KN7K		KU9S
JF2AIJ	VU2LBW	LB2TG	140	N2ZZ
JI3BFC	VU2NXM	N1QY	AD9DX	N3PV
K5EWS	WA2MUA	N2YBB	EI6JK	N9XX
K5LY	WA3SKQ	N4UP	EI7GY	OD5YA
KA3GWD	WA5NOM	N7ZA	EW4C	SM3DXC
KL7TS	WW8RT	TF4M	HB9GWJ	W0UHL
LZ1MDU	XE2B	TG9AJR	JA4GXS	WA5POK
N9ATF	YB1BML	VK5GR	JG1RYQ	
NJ6K	YO2DFA	W4JVN	K0PC	137
PY8WW	ZS6UT	W4UFO	K6EV	AD0K
TF3Y		W7VS	K7VC	DL2RD
VE6TL	145		KB1HY	EA7LS
W4AG	5T5PA	142	KC3AK	G3PSM
W9MAK	AA5TL	AK9B	KF7NN	HL1MKT
WI7P	AL7TC	JA0MRW	LA8PDA	JA4DNC
WQ5R	EA4S	JA1ITJ	LZ2HM	JF2RSF
XE1MW	IW1PUR	JA1PUK	NA6MG	JF3VEC
XE2YWH	JH1CTV	JH6PFY	W3DIY	JH1SBE
	K5FXB	JI1UHZ	W5VU	JQ1PCX
147	K8WHA	K0SRL	W9BS	K2CDJ
AB9KZ	KQ5M	K3GT	WB1ASL	K2RKJ
EI3CTB	KS0M	K4TXJ	WB8EKG	K3HW
F6KOP	N6KK	K6TAR	WW6G	K4AU
G3VQO	W5RDW	K8MRT	YB3MM	K6IRA
IS0/YO3RA	W7NP	KA6BIM		N2KI
JJ0LZQ	WB9B	LA1J	139	N4KM
JK1OTP	WR7Q	LA2IR	AA4DD	N9NFT
JL6USD		NH6L	HB9ARK	NU1T
K4NTO	144	NN9X	HB9DTE	OZ1HPS
K5UZ	DL6DCD	OH3PYY	HL4CBX	SM5CSS
K8ZZU	G4FTC	RL3BZ	IK3DVY	SP3EPG
KB9LIE	GM0VIT	YO8CRU	JE3OUW	TA1AL
N0TK	JK1NPH		K3GW	W2CG
N8JS	JL3DGI	141	K9QJ	W2GGY
SV8RX	K1TKL	7K3QPL	KX4I	W2NY
W0QC	K3GGN	9H1AE	N0CKC	W4UEF

W5GOL	KA9JCP	ZS1EL	KB4KBS	KB8KIM
WA0WOF	KD2SC		KE7BMG	KF3N
WG0G	KN4OK	131	KF9LI	KK5ID
WS1F	LB5GI	7L2QAD	KJ2U	LA2LI
136	N6XT	DL5EBE	KO4PRE	N0AB
CT1ESO	NJ1Q	DM6MA	N9AVC	N3GTG
EA5KA	PV8ABC	ER0FEO	NN2D	N4GBK
IS0EBO	SM3WMU	GM4KHE	PY3OG	N5FEE
K7STO	UN9L	IK1UGX	SM2YIP	NA1RL
K9UO	VA3OKG	JE4KCN	W4UAT	ON5EQ
NT5EE	W1DAR	K0QB	W7TG	VE3EDY
ON5GF	W5AAJ	K0UBR	XE1ILI	VU2MSA
OV5O	WB1DX	K9JDP		W0MF
TA1PB	133	KA5IAU	128	W2KNG
TF3VS	7J1ABD	N2RJ	A71XX	WB2KSP
VE3FRR	GM1BSG	NN6K	DL9SAD	
W0ANZ	HB0WR	OE3JAG	EA1AHA	126
W4GH	HK4EB	PT2ND	EI3IO	CU7AJ
W4PGM	HK4EB	SM7DXQ	HL2DBP	EI4HH
W4PV	IK1ZNM	W4EJG	HP3TA	G3XLF
W7SX	JE1COB	W5EC	JH1AWJ	GM7NZI
W8OM	K6EGF		JH1RFM	IK4TVP
135	KI4TZ	130	JM1JIV	JA5CDL
AB4FH	LA9KY	AA4QE	JN4FNZ	JA5XPB
AC7JM	N1BKB	DL1SWN	K6OJ	K5KDX
AK5Q	OH7HM	I4JEE	K7PTC	K7PO
EI2HY	VU2ABS	JA2LMY	K9YKL	K7YMG
G0THF	W1GY	JE1PHH	N0JR	K8GT
HZ1GW	W1ITU	JH3PRR	R3BB	K9QA
JA1DCK	W3MF	JL4BSE	UR9IDX	KC5RR
JA3MIO	W9SE	K2MHE	V31CQ	KK4CB
JJ1HLL	WB9ZNZ	K7YZO	W0QD	N5HC
JL2ULM	YO3GJC	KF5WCP	W4MA	N8YQX
K4OP	132	KN4JX	W5MF	N9BVA
K5VG	AK3E	N7TM	W6IS	NX8Y
S53MJ	AK6I	NS4F	W8BI	OH3DP
W7QHE	IW5EIJ	NU4Y	W8WV	OH4KRN
WB3AVD	IZ0COI	OZ6TL	WA4UWD	PU4MMZ
WB6FWS	IZ0COI	RC3FL	WC4V	PY2OP
WB9IWN	K0COM	W1MO	WP4CQ	TF5B
WO5I	K4BNF	W6OUL	ZS6AKU	VE3TMG
134	K4WM	W6UC		VK5CE
AB0RX	KG8OU	WB8RFB	127	VR2VGM
AB1J	KI7HO	YB2IQ	7Z1HL	W9COS
DL4ZAB	KX5U	YO8PS	DJ5DT	WA2BOT
EA6AZ	M3DFW		DL9GTB	XE3E
IZ0GVZ	N3TR	129	G8BCG	
IZ8DEO	N4EDT	AD6KQ	I2YPY	125
JA6GXP	N4QOG	AE7U	IK2ULM	AC4XO
JH1SOD	NN3V	EI5GM	JA0BES	DM5JBN
JR0GXA	ON6ZV	JA0AVS	JE2VYM	EI7JZ
K3KY	R9MJ	JA1PLT	JG1LRE	EI8GS
K7FL	UW7UA	JA2ACI	JH1HRJ	G0OSK
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	W3KHZ	JN1SUT	JP7FSO	IK8PGE
	W5FL	K5SES	K0ARM	IZ8EYN
	WA1HXH	K7ORK	K7LFY	JH8FIH

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N5ZC
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W5CWQ
W6PG
W9CTJ
W9EBO
WA4TMJ
WM4AA
WR2G

124

DJ3EJ
EC4KW
EI8IQ
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G4RGK
IT9YOZ
IZ1UKF
IZ5BYJ
JG3KMT
JH1XFR
JM1LPN
K3SUI
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KB8DID
KD9ZR
KS4WA
N1HO
N8BK
NT4K
UT7KF
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W6ND
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WW5L
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123

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JA2HOL
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KC2STA
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LX2SM
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N7VZ
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122

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KB4ET
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KN9N
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UT9LC
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XE2MX

121

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JA1WTO
JI5WDC
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KB3IFH
KG5NP
KK4ODQ
KU2A
N3ER
N7TW
NA2R
ON6YH
OZ6EI
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W0DD
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W4KCM
W5UQ
W7PC
W9MB
WB7BBQ
WQ8T
WU9D

120

AA2T
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JA1DCO
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119

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118

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117

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116

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115

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114

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JE6PJP
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113

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112

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JH0LME
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KH6P
KK7BR
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111

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110

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109

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108

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KC8YG
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KO4XI
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WB5ZAM
WC4B
WF7T

WT2P	HI7SB	JH1OVY	K5JUC	NI5G
107	JA3AOP	J11DMH	K7UW	PY2YW
BG8PA	JA3FRI	JJ2BLV	K8CJY	VE7XT
DJ5FZ	JA5EEU	JK1AKA	K8WVA	W1USN
DK2GP	JA5IBP	K0MB	KE4YOG	W4CU
E73D	JF7NNI	K1EO	KJ2AM	W5IP
EA2BFM	JG1XBM	K2GW	N1FOJ	W7JET
EI5GSB	JH1RVQ	K5WE	N2TC	W8EH
G4NBS	JJ1IRS	K6GCN	N3PW	WA6URY
JE1CTA	JO4JDU	K6ME	N4ZR	WA8KNE
K0YL	K5TU	K7CMZ	N8TEM	WB2UFF
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K2FJ	KA9TOX	K8FB	NA8W	YB1ALL
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KA4LBD	KT5V	LZ1JZ	RV4LC	AC0XY
KB0EL	M0PCB	N0SL	VK3MB	DB2WD
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V31MD	VU2MB	YU1LD	EI9GLB	N2FY
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AB7RW	AP2IA	HB9BMY	K4PWS	W5TMC
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AD7L	W2PD	K4QS	W1HS
C31MF	W3RMS	K5LLA	W3BNN
DD9WG	W3SW	K5MMH	W3KN
DL3XAC	W4PM	K5PSN	W4CG
EA4UV	W6OU	K5VSD	W4JDS
EA8TZ	WB5KSD	K7VL	W4YR
F4FLF	WD4IXD	K9EA	W5PD
G3VDB	WQ1H	KA2F	W5YKU
G4GEE	WU6K	KA4H	W6KF
HB9PUE	WX7B	KA9JAC	W6OZI
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K3AXB	A71EM	KF5TL	WB2ZEX
K3LA	AA7UN	KF8PD	WB4MM
K5HX	AB8YZ	KG4IYS	WB6RAB
K7BWC	AC0DH	KI0G	WB6RJH
K7GA	AD4J	KI4PG	WD1M
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K9MQ	AK4AO	KL7XO	WM4D
KB5YN	DB6VH	KP4N	WM9Q
KC3OPI	DC1TK	KV8P	WU1T
KE9UA	DK7GH	KZ4EX	XE2AD
KJ5RC	DL3ANK	M0NGN	YB6LAY
KK6VGE	DL5JH	N0VTZ	YE1AR
KU4A	DS4GQR	N1KI	ZS6CR
LA2XNA	EA4TX	N2YU	
LA3ANA	EA5PS	N3NVA	
M0PTZ	EI4DQ	N4GOA	
M5LRO	EI4GJB	N5CR	
N1BZ	F5JWH	N5LJL	
N3CAL	G0GFC	N5LKE	
N4PF	G0OJG	N7WFK	
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NC8I	G8GNI	N8HM	
NJ2X	GW0KRL	N8URE	
NZ1I	IK7NXU	N9MKC	
OZ5JQ	IZ4IRO	NE3K	
PA3AIN	JA1IHD	NM4SH	
R2ARR	JA2KGQ	NX6D	
RZ6MJ	JE7KCI	OM2AGN	
SM0BSO	JG3LDD	OV2B	
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SV4FFL	JR4VEV	PY5VC	
	K1AJ	R2AB	