

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 21 Dec 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 K1ST W2YC W3LPL W9IXX	JA5AQC K4XO K4XP N4XM N8DJX OE6IMD SM5AQD SP2FAX SP3EPK UA6A W4PK WD5COV	JA2FBY JA4DLP K0IEA K1OA N2LT UA4HBW W5BPT
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC NN4T OH2BU OZ3PZ	336 AA6YQ G4BWP JA1WPX JA2JPA K2FF K4HGX K5RK N3XX PE5T VE3XN W0BV W2LO	333 EA6SX F6AOJ F6EXV G3XTT JA2KVD JA5MHD JQ3DUE JR3IIR K3UA K6YRA N4AH PY2BW PY2SP R7LV SM5CEU SM6CVX W1YY WB9Z	331 DJ9HX EY8MM F6DAY HB9BGV IK8HJC JA1HGY K4MWB LZ2DF N5ZM NJ6P PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ W9RPM WB6RSE
346 N1DG SM3EVR W9ZR	340 AA1V DJ9KG JA4DND JH4IFF K4UTE N0AT PA3FQA SP5CJQ VE3EJ	335 AG9S G0JHC JA1BK JA4LKB JA5AUC JH4UYB K8SIX N0XA N5UR OK3GU SP8AJK W0MHK WK3N		330 DJ2YA DL1AMQ F6BKI HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH K3WC KD5M N4JF N8JV
345 HA0DU OH1XX				
344 JA2VPO K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 K3FN K4MQG N4MM VA3DX W3UR	339 CT1EEB EA8AK IK1GPG JA1UQP N4CH N8DX SM3GSK			
342 DF3CB JR2KDN K4DY KF2O	338 JA5EXW K9NU PY4OY SM3NRY W1DIG W7UT	334 DJ9ZB EA4KD JA0EOK	332 AA1QD DF3GY DF4PL DJ8NK EA5RM GM3YTS I4AVG JA0UUA	

N9IW	CT1APE	I5NPH	G4CCZ	PA3EWP
NR1R	DK5WL	JA2DPC	HB9BIN	R5AJ
OE3GCU	DL2OE	JF7XKY	JA0GJJ	SV1FJA
OK1MP	HB9AMO	JH8RZJ	JA2BDR	UA3AP
SP3E	IK4BHO	K5KC	JA3AZD	W3KX
VE3FF	JH1TWT	N8BM	JE2LUN	W5WT
YO5BRZ	JI8DGO	OE8HIK	JH1IFS	
YU1FW	N6JV	R3OK	JH3VNC	318
	PY2YP	SM6CCO	JH4ADV	A45XR
329	SM2GQC	SM6CMU	JI2KXK	AA4HP
AA7A	SM5CZQ	W9OL	JJ3PRT	DJ4AX
EI7BA	SP6M	WB4TDH	JR3OEH	DL6KR
HB9BZA	SV1RK		K2UO	EA1YO
I4MKN	W2IRT	323	K2VV	G4PWA
IK5HHA	W5XX	EA3GP	K6FG	HB0CC
IK6DLK		JA9APS	N3NT	K2TE
IT9DAA	326	JE1SYN	NK1K	K4IQJ
IV3JVJ	I4EWH	JF1KKV	OE6MDF	K5BG
JA2JW	JA7MSQ	JH2FXK	OE8RT	K5DU
JA7KY	JF1WPB	JR3GWZ	OZ1AXG	K9IR
JE2URF	K8PT	KF0QR	SM6DHU	K9YY
K0EU	LU2NI	N5TY	UT7UJ	KX4R
K1HTV	N7RT	OH2BLD	W8GC	LA2PA
K4ZYU	RA3CQ	SM4DHF	W8OI	PY5EW
LA5IIA	RU3FM	VE2TZT		R3VA
N5AW	RZ3AM	W3LL	320	RA7A
NI0G	SP5DIR	W3NO	DF2RG	VE3LYC
NO8D	W8DCH		F5PAC	W4FC
OZ1CTK	YO9HP	322	G3TXF	
R4GM		CT1BH	I2EOW	317
SP7GAQ	325	EA5BY	IK5PWQ	EA2IA
SP8NR	CT1IUA	G0DQS	JA3PIS	IK2YCW
W0DJC	EU7A	HB9DHK	K1LD	IK8YTA
WA1JMP	IZ0AEG	IK4GME	KV7K	JO7WXN
	JA1SJV	JA4FKX	N4II	K2RW
328	JA2FJP	JF3KON	N5XZ	K6YUI
AA1ON	JA5WIZ	JH0INP	NY0V	KA9CFD
AA5AU	JS2LHI	JJ2LPV	SM5KNV	N2BJ
DL7MAE	K0DEQ	JR2LJO	SP7VC	N4QS
G4OBK	K5EK	KU0A	UY5ZZ	RW3RN
GM3POI	K9EU	KW9A	VE3EXY	SP1MGM
IZ5EKV	OE2LCM	N1NK	W6XA	W6VX
JA6BZI	ON4IQ	N4DW	W7AO	WX4G
JH1GZE	SM4EMO	N4NX	YV1DIG	
JI4POR	SP1S	N8RR		316
K4CN	SP9DWT	ON4CD	319	DK2NG
K4QL	SV8CS	R7DX	AA4V	DL5WW
K9CT	W1ECT	UA3AB	FK8CP	GM0GAV
PY5EG	W1RM	UA4CC	JA1XEC	HB9HFN
SL0ZG	W6RLL	VE1DX	JH3CUL	JA2JNA
SP6CIK	W9OP	W5CIA	JI1DHY	JA8EAT
W4UM		W5TCX	JR7VHZ	K3WA
W5FKX	324	WI8A	K6AM	K4HB
W5ZN	DK9KX		K7NN	K8YTO
	DL5DSM	321	N4DB	KQ8M
327	EA5BM	AD1C	N4PQX	LA7HJA
AB4IQ	I0WDX	AD5A	ON4AOI	RV3LO

SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315

9H1SP
AB6QM
DJ5FI
G3VKW
IK4DRR
JA2IVK
JA8RJE
JR2BJE
K8NVR
KE9L
N5DG
N5OK
OE3EVA
ON4IZ
PY2NQ
SM3VAC
UX1UA
WP4U

314

CT4NH
DL6CNG
DM5EE
G3NDC
IZ8FFA
JA2AH
JA2ZL
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF
YU3AA

313

5B4MF
AA5AT

AB3CV
AB9V
HK3W
JA5IU
JR1BLX
JS3CTQ
LB8DC
N8KOL
SP3CGK
W1GL
ZS6EZ

312

CT1DKS
DK1FW
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IK2QPR
JA1ANR
JA1SYY
JA1XCZ
K1HT
N5ORT
RU3QR
WA2VYA
WB8BPU

311

F3SG
I3BUI
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JR1BAS
PY2XU
SV2DGH
UR0MC
W8HW
WD0DAN
YB5QZ

310

JA0CRI
JA5XAE
JA6VQA
JA7QVI
JF2UPM
JR6FC
K4EM
K8FL
LA7AFA
LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG

W4BP
W7CT
WA7NB
WB0TEV

309

EA8AKN
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W9RN
WD9DZV

308

DL2CHN
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JA1GRM
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JH1SJM
JL1RUC
K0GY
K1AR
K4SO
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KN5O
KS1J
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R7NW
SV1CNS
VA5DX
W2QO
W9MU
WA8WV
YS1RR

307

AC4G
DK2JX
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HB9SLO
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JA2XW

JA3GN
JA6WJL
JH1QAX
JJ3HGJ
K2SHZ
K3RA
K9MM
NI6T
NS6C
OZ4O
W2JU
W6ENZ
W7OM

306

DL1KUR
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JH1AGU
K2UU
K5XI
N4TL
NN4R
R9FM
WB9CIF

305

A65BR
DJ4XA
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JA9CWJ
JH7RXU
JR2UBS
K0JUH
K6KLY
KG4W
OE3SGU
PA5TT
RA9CMO
SM3NXS
UT2UB
W1YM
W5XC
WA5VGI

304

DK5AD
DL5EBE
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JN3SAC
K0KVR
K8AC
K8GI
KC7V

N7US
N9RS
UY5AA
W5ADD
ZL3JT

303

EA3GHZ
G3LZQ
HL3IUA
IK2RPE
K5WAF
K7WP
K7ZA
K9RX
K9US
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
W7DO
WT8C
ZS1LS

302

DJ5JH
DJ9ON
EA1N
F5CQ
I1EIS
IW1ARB
IZ2AMW
JG3LGD
K9MK
K10KB
SP2BMX
SP9JZU
W0VX
W4QN
W5AJ
WD4LBR

301

AA5AM
AE5E
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JA0DIN
JA1IOA
JA1LSP
JA2WYN
K4SE
K6RO
N9AU

NQ1K	297	OE5BWN	EC3A	ZS2EZ
RN3QN	DL4CF	R5DT	I4KDJ	287
SV2AEL	E73Y	RU6L	IZ4MJP	9M6YBG
US5WE	HB9BOI	SV3DCX	JA1KQX	AA8LL
WB5JID	HL4CJG	293	JE1LFX	HB9BAT
WE9R	IK5RUN	AA4R	JE2EHP	IV3GOW
300	JE7JDL	CU2AP	LA2QM	JA1WSK
AA8CH	JE8CLT	DL1HRN	LA5LJA	JA2ATE
DL1TRK	K4MS	DL1SMA	LU3CQ	JE2DZC
EA1AF	K6ND	EA3WD	N9FN	JE2OVG
HB9DDO	K8WK	IV3YYK	PP1CZ	K0AZ
IK4ADE	KG7H	JA2CXF	SK3PY	N7IR
IZ5RVG	KT1J	JA3RQ	SV3AQR	N7RO
JA9AA	296	JA9GPG	UN7TW	R9SA
JK1EXO	AA8OY	JM1FHL	VU2NKS	RM0F
K3XA	EV1R	K4JAF	W2LK	S57AT
K8GG	JA1SVP	KB8VAO	W3OA	SM5ARL
K8TL	JA2VQF	N2LM	W4VIC	UN7JX
K8VfV	K6FW	PY2IQ	W5VY	W1VT
KB1JZU	K8VC	S55DX	WB9EEE	W4YCH
MM0EAX	LA8PT	W9AJ	XE2CQ	W7BEM
PA3CSR	N0RB	WA4FFW	289	WA6F
UR5EDX	PY7DJ	292	AJ6T	286
W6TC	RA3QK	AI9L	DL9TJ	AB5A
299	SM6BZV	DL5CW	IW0HQE	CT3HF
CT1FMX	SV9COL	EA5AT	JA3EOP	DL2VPO
DM2DXA	UA6YW	G4GIR	JA8EJO	EA6ET
EW2A	W3RJW	G8DX	JA9FAI	IK0XBX
G3SVD	W9JA	HB9TKS	JE2LPC	IZ8XQC
HB9RG	295	IZ3ETU	JG0CQK	JA1QXC
HL2IFR	AD6W	JA1JAT	JG1WSC	JA5BEN
JA7BWT	DL1DUO	K7ZD	K4XD	JA7LGE
JE1DXC	IW0SAF	LU4FPZ	KK0M	JF2WGN
K6SIK	JN1RQV	N8II	N2NL	K0BBC
KM4H	K5VIP	R6AF	N7TY	K1GG
LA3WAA	K5ZK	SP5IWA	R0FA	K1LPS
SM6CUK	KD3CQ	W6SR	RA1QD	K1RO
UA9FAR	SP8HKT	WA3AFS	UN6T	K5PS
VE3BW	SV1GYG	291	VE3EK	LU8EKC
298	W2GG	G0EHO	W9YSX	N8SNM
5B4AHJ	W5LT	GM0AXY	YB1UUN	W3GQ
AC0A	W6XK	JH1BAM	YO2CMI	W6PJ
DL7BA	YO2RR	K3PA	288	W8AV
G5LP	294	KP2A	4Z4DX	W8AXI
HP2AT	EA6NB	LA5HE	IK0HFO	285
JA4ITW	HA9PP	N2TN	JR1DUP	4X6ZK
JL2JVX	HB9CEX	N4RWG	KD0Q	AJ9C
JR7WFC	JA1BPA	VE3CFK	N6UK	CU2DX
K2PK	JE1GWO	W6YI	NA5C	DL2SWN
K8EUR	JG8FWH	ZS2DL	PY2KP	EA3GHQ
N8TR	K5MC	290	UA3AGW	HL3GOB
ND0N	K7ZV	9K2OD	W1EQ	IW1QN
PY2VA	KZ4V	AA4A	W1YIF	IZ0RVI
ZL1BYZ	N0KV		W2LE	IZ8DFO
			W2NO	

JA2FGL
JA2VMU
JK1GOK
K0TPP
K6G XO
K6PJ
K9SM
OE1WHC
WK7E

284

EI9FBB
IT9CVO
JG3SKK
JH3SIF
JN1BMX
SM0CCM
SM6CTQ
SP3IBS
W2AY
W4FQT
W5ODD
W8BBQ

283

HB9CQK
JA1RTX
JA1XPQ
JA9FPI
JG3FEA
JL1XMN
K3FRK
K3WW
K5DHY
K9NW
LA8HGA
OE8SPW
W1LW
W6BJH

282

GM3YOR
JA1FQI
K5UO
LZ2JE
ON6AA
RD3AW
SM4CTI
UA0BA
W7AL

281

AD5Q
CT1FCX
EA5OX
EI2GLB
F3AT

IZ8FDH
K3UL
N2WB
N5GH
W0LS
W7ZJ
W8TN
XE1KK

280

GM3PPE
HA5VZ
JA2IYJ
JA6TMU
JF1NZW
JH1BNC
JH4ALY
JR6LLN
K1USA
K4WNW
PY2DS
SM5CZK
UT7UV
W8LGJ
WA9PIE
ZS4TX

279

JA0PE
JA9IFF
JE8TGI
JF2XGF
UN7LZ
VE3DZ
VK3HJ
W3JX
WN6W

278

9A4T
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EI9JF
F2NH
JA8LRG
K0GD
K2UR
K5RT
KD0PO
SM0NJO
VE3CRG
W8MHW
W9FR
ZL4TT

277

EU1KY
F5UJK

JA3ENN
JA8EOT
K2AJY
K8UT
N5LZ
UW2ZM
VU2PTT
W3BW
W9MJ
WF2S
WT4Q

276

DK3WW
HB9LCW
IZ3ENH
IZ5BAM
JA7FWR
JA7LMZ
JA9NLE
N5MOA
ON4CAS
RX4HZ
SM5CLE
VE1JBC
W1YRC
W1ZT
W2OIB
W5GO
W8RLS

275

HL2WA
JA2JRG
K1DT
N2JJ
N7KA
N8PW
PA7RA
W4OX
WO7R

274

DL6JZ
EW1KP
IK0AGU
IW0HOU
JH1IAQ
K3PT
K6UM
KA8ZPE
KJ6P
KS3F
OE2GEN
RA5BM
SV9AHZ
UA3ECJ

273

JA2TBS
JA6BEE
JH3GCN
N4IG
NK0S
OZ1ACB
RW7M
UR5WA
W1OPD
W4HG
W8QZA/QRP

272

AF9H
CT1GFK
E72A
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HK1MW
I5OYY
IK5PWN
JH0BQX
JH7BKN
K1DG
K7EG
K8BL
KI4GE
LA3MHA
N9RD
OE5FIN
PA0ZH
SV1ACK
W2OO
W3AP
ZS1A

271

4X1RU
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IZ8EJB
JA0DET
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JM1HJG
K3PU
N6TA
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JA3XNH
JA8DNV
K0BJ
K7UA
K9JF
N4QQ
PU2POP
VE6LB
W8HC
WL7E

269

IK8EPC
JA1OVF
JA1VLK
JE3ENP
JP1NWZ
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K9MBQ
N4UOZ
NW7E
OM4EX
PE1L
SM5FWW
W1MK
W3ACO
W4MAY
YB1AR

268

CT1FPQ
JA1NWD
JA2XCR
JK1TCV
KA1ERL
KB1EFS
KD4W
N2AJ
N5JB
NA5DX
OH1ZK
SM5ENX
SM6BGG
W2FV
WA1YTW

267

AA4FL
JA2QXP
JA7BEW
JI3CJP
JJ1TKN
ND4X
OH4UI
R8TX

SM5BMB	K1KO	JA1KPH	RU1AB	G3UAS
SM5FUG	K2KA	JA2FBC	SM7IUN	HB9DHG
W1KSZ	K4RG	JA3WLN	SV1VS	JA4VLK
WB2BIN	K6IPM	JA6GPR	W8MET	JA6IVR
266	K8FH	JH3FUK	W8MJ	JA8XQI
7K1PTT	KN6KI	K1ESE	256	JE2RDO
IZ8VYU	N1RR	K8YSE	BH4QYX	K6MKF
JH1HHC	W6RS	LY1G	EC1A	K8DV
K8AJS	WA4LOX	N6MZ	FG8OJ	KE1F
K8ROX	ZS6NJ	N6RV	IK4HPU	N5BO
KQ4AV	262	NN4X	JA0KJE	N7XR
N4JQQ	CT1BWU	SK7AX	JF2VAX	NF1G
OZ4VW	CU3EJ	SV1FJP	JH1RGG	NT5V
PZ5RA	I5REA	TG9NX	JH4GJR	UA0FO
RA4CA	IV3VBM	W8KEN	JM1GHT	VE3YF
W0FLS	JA8BAR	WA5LFD	JM2RUV	W2XI
WB2GAI	JG1OGM	259	K0TT	WF4U
WB3LHD	K8AV	4F2KWT	K1UU	YB0COU
265	KF2DT	DJ8NT	K4JJW	252
G3WPH	LA9FFA	EW1BA	M0TTB	DL7UPN
JA4FM	LA9VFA	JA8BNP	N9ISN	F1ICS
JH4HMG	NK4L	K2UFM	W1KDA	G3KWK
JO4CFV	ON5UE	K9FN	255	G3NKC
K2CBI	W0GG	NI3P	AI6Z	JA1BNW
LB2TB	W5ZG	OH1JP	EA5RD	JA8UIV
N5KM	W6NWS	PY5CC	IV3TMM	JF3PNQ
N9JV	W7LGG	W7AH	JA1VRU	JH1ACA
W7MEM	W7QDM	W9HBH	JK1OPL	JH4CBM
264	W9PZT	WA1S	K7XB	JL1BYZ
4Z1UF	WA3GFM	258	KR4F	K6BV
DF2GH	WB8ART	CU3EQ	N1RK	LA5YJ
EA1KP	YB2DX	DK7YY	N8OC	W2ZI
F6DBX	261	JA9AGN	NA5Q	W7CA
JA8ZO	HB9IQB	KH2L	VR2XMT	251
JR4LNG	IZ8IEV	N3VA	WS9V	9A4W
K5VWW	JH3KAI	SA0AQT	XE1MEX	DL2RTL
LA0FA	K2FW	US0YA	254	JA5BGA
N1GC	K7LJ	W1SSN	BA7IO	K1FEV
PA7TWO	N3RC	W9EWZ	CT1BWW	K1SM
SV1CQN	N7BT	WA0RVK	E72U	K4VIG
VE6AX	NX0I	ZL2IFB	EA3EQT	K8CW
W5PF	OM8FR	257	IZ4DPV	LA6UL
WA0MHJ	SM4AZQ	AF4HX	JA3VPA	N4SC
263	SM7CQY	BA4RF	JF2WXS	N5UL
AB4SF	W4UCK	DJ0UT	JH1VUO	SP6JIU
DK4TP	ZS6WB	EA7SG	K3SEW	W2JLK
EA3CJ	260	EB3CW	KI1U	W3FI
EA4DL	7M4AOE	IK2PZC	KI5BLU	W4SK
HA7UW	AA9A	IK4AUY	N4LR	W5GAI
HB9RYZ	EA8MT	IK8VRH	UA3O	W6DE
HL4GAV	EA9IE	JJ1DWT	W7Yaq	W8JRK
JA7XBG	EC1AIJ	N6HC	253	250
JR8AMF	EI8IU	N6PSE	DS5ACV	CT1DOF
	FG5FR	PY2MC		EI6FR

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IK0UTM	N3KN	JA4ZA	JA7KE	JK1UNZ
JA8CJY	W0JM	JH1WJR	K2XF	JN1NOP
JL1MWI	W1KMA	JH4ADK	K8YYY	JR7GBL
JR0EQQ	W3ICM	JJ2WOC	N8SHZ	K1ACL
K4KAY	W5ZO	JK1VXE	OE3KLU	KM3J
K9ZM	WQ6Q	JR1MLU	WA6JA	KM6HB
KQ3F	WV6E	K1CA	WB7B	N4GN
N1SV		K4PB		N6IE
PA0JSE	245	K7FEL	238	OE2BZL
PY2FN	AJ8MH	N2NS	EA1JO	OZ7FOC
UN3G	JA3QOS	N4HB	HB9MFM	PA0TCA
W7HPW	N0AH	N6HY	JE1PNX	SV1HEP
W7IU	NZ3O	N6KZ	JE2VLG	W0HBH
	S5ZZ	SV1IW	JF0JYR	W2YR
249	W5DM	VK3BDX	JH3FHQ	W4GIW
IZ8GGF	W9JJB		K9OR	W6DR
JA8FFM	YB0NFL	241	KA4RRU	W6RW
JR3UIC		AB5C	M0CSD	W9OO
K9NR	244	AF5CC	N4PJ	WA1PMA
NU1B	HB9BUN	HC1BI	N5ZC	WY6N
OZ5NJ	HL2KV	IS0AFM	N9UA	YB2TX
SM4OLL	IK8UHA	IZ8FWN	W2TB	
UN3GX	JA1CZI	JF6XQJ	W4KA	235
VU2CPL	Ji6IHG	JP1IOF	WA4QMQ	EU1U
W0RX	K0KG	K7KB	WB0TVY	JE1IBI
W2GW	K1EFI	KV1E	WB8CQV	JH2VVH
W9RC	K1PL	W3ABT	WV9L	K0VSH
XE2D	K1YR	W5DNT		K4QE
	K6EID	W5QM	237	K5CWR
248	K8RRT		CT1BOY	K8ZM
AK5X	N0RN	240	G0VXE	N2FF
HB9DOT	N1EN	7K1CPT	HB9CXZ	N4IQ
JA1EMQ	OE3HWC	DH2PC	HB9JOE	NW4M
JJ1SKG	SP6A	GU0SUP	IW3GJF	TA1CM
N4XP	W4REX	JA1DM	IZ5YHD	W4PNY
OZ1LCG	W5PJR	JA2FSM	JA0LXP	W7YW
W5JAY	WA3F	JR1WCT	JF2OZH	W9FI
		KF0LA	JH1DGQ	
247	243	KF7F	K0DD	234
HI8R	CT1FUH	N0ABA	K1RV	DF7EE
HL3DE	CT3KN	S51NM	K2NV	DK2CC
JA1DDZ	DS5TOS	UX5UO	N4HID	HB9BYQ
K3VAT	G4XRV	W0SZ	SM0MPV	HS1NGR
K6EME	JA2EPW	W8IW	W8UN	IK0LNN
KM1D	JE1HRC	W8WEJ	WA0ROI	JA3BXF
N7DED	JF1LMB	WA4CEM	WB8B	JH1APK
VE3YV	K4ZO	XE1RBV	WB8ZRL	JK1BSM
W8IQ	K8ME		YO3JF	JR1VAY
WS5W	N1API	239		K4MF
	N4QWZ	6K5YIA	236	KE5FXE
246	NV9L	AA7G	HB9ZS	KE8UM
FG4NO	W1BR	DJ9RR	HL2CFY	N4OA
IV3KFB	W8OP	DL9FCY	I0JBL	ND4V
JA7HRM		IZ1JMN	JA1HOM	NV4B
K2SN	242	IZ2FOS	JA1JYE	W3WST
K9YC	G3KMQ	JA4HAW	JA3KNN	WA4JQS

WA5UA	230	K1GE	N7WO	RU0SN
233	F6HLC	K5GH	RW4CY	W4DEE
AA9GR	G3LUW	KF9UG	SM7BHH	220
AJ4A	JA5NPV	N6OJ	SP6AXW	AA6RR
DH0GSU	J11VVB	NF4A	V51B	DL4DW
EA4DEI	K1KA	W5SL	VE3SKX	EA5DFV
JH1SOD	K1XV	WA2USA	WB0O	EI9FVB
K8BN	KB9DAK	WA9GON	WN6K	IK1IYU
K8EAB	W8WVM	YL2KF	223	JA6AVT
KJ7M	W9YE	226	AB4UF	K1DJ
N2NW	WB2NPY	DM2RM	AC9O	K4EU
N9BX	229	HA5PT	AF2C	K4MIJ
NE3F	AA3LX	I0OSI	E21EIC	K5MT
PY5IP	AE0P	IK7FPV	EA5B	K6MM
SM0XBI	G4FKA	JA1PBV	EA7DUD	K7AWB
W2NRA	IK2GAJ	JH1IED	I8MTQ	KB5UNX
W6YOO	JA2OLJ	K2BA	IK2RZP	KV4T
WA8MCD	JE1VTZ	KH6M	IZ8MBW	KZ9DX
WB2KSK	K0HD	KK4OK	K6IPV	NA5Z
WD8PKF	K3FM	KX2A	KG9Z	NG7M
WE4S	K4CMS	N2KX	KI6CG	ON4ATW
WV4TN	KD1F	N5ET	KW4V	PA3BWD
ZL4AS	KI4DLS	N6BM	N1NU	SM0DSF
232	KS4S	N9AOL	N2SQW	UR4IOR
AC9EM	N4NW	VE7TK	N4ENE	XE2X
EA1RT	W1WC	VK4CAG	W7IB	219
JH6DUL	228	225	222	F5JSD
K4ST	7J1ADJ	DK5RL	AA0MZ	HB9BNQ
K5FNQ	F1RAF	DS5DNO	AH0U	HL5BMX
KF7PG	F5LIW	EU1M	DJ9SO	JA1FJJ
NY2NY	GW4TSG	JA1IAZ	DL5XL	K3EA
OZ1IKY	JF1RYU	JA3FHL	E77S	K5JZ
RK4FD	JH1ERJ	JH8NQV	F6ECI	K9JU
RQ3A	JH2PWY	JL3OUW	HB9EFK	KD2T
W2/CT1GIF	JH3GFA	K0OK	IZ7AUH	KG6I
W3FOX	K4JC	K1JIU	JA9NFO	KI7AO
W6CYX	K5FZ	K5YU	JH0OXS	KR6C
W9ZCL	KB1DMX	KA8SYV	JM1VRW	N1KC
231	KE4UW	MU0FAL	K2AT	N6DX
AD5WB	N6PM	N9SF	K2HAT	NA9RB
DK6OR	NH6T/W4	SM3LGO	K6ZZ	W6GRV
HL2ZN	RA3QUA	W3MR	KJ7TEA	WA3I
IW7DVM	W2DXE	W5GZ	KK9H	WB4KTF
JA1MZL	W8GNM	W5TFW	KS4YT	218
JH0AWC	WB8K	W8CZN	RA4P	DL2NOM
JH1UBK	WC3W	W8UV	W6AER	DL4NBE
JJ1QUV	227	YO9FNP	221	DS4AOW
KD6UO	DL2RUM	224	AG1A	I7PXV
NA4EA	G3VPW	DK3PZ	EA2AAZ	JF1MTV
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SM7NDX	I0MWI	JA8NFV	J11NJC	KE3D
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WX2U

217

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SV8DOU
VE7BV
W0TM
W8FIB

216

CX2CC
DJ3XG
G4VMX
HB9DQV
IZ0NRG
IZ1JLG
JA2VHO
JH7WQX
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K3NQ
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KK4OW
KR4W
NC4RB
NJ7G
PS8ACL
W0SR
W9MO
WB3D
WS1L

215

9H1EJ
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JE2UFF
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JT1BV
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KX4TT
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VK3NX
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W0TT

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214

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213

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JR1EFG
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212

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SP5LKJ
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211

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210

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207

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206

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202

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201

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JA3EY	WQ5R	DH3KM	K8ZT/QRP	N6VNI
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N1IA	196	JA0AXV	KL7TC	W8RV
N4TD	AG5W	JA1QIW	N3AIU	WA5IPS
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PY3VB	I7LGM	KB2FCV	WB4GLI	185
SM7GIB	I8YAV	KM1C	ZS1DX	K0KP
VK6LC	JA1XRA	KZ1W	189	K3PP
199	JA2NDQ	SM5ELV	HI3T	KE5BR
AA3TH	JA7FAS	W8NN	I0LYO	KQ4EE
AC0X	JH1OGT	192	IV3KCB	N4HN
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JH0RVY	N3QE	IZ7GIT	JG1SWM	VA7ZT
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MU0GSY	SP3F	K5IB	M0HIH	W5SUM
N2RR	SP5MXZ	K6XN	RM3DA	W6RKC
PB9FN	W6HYI	KE0A	RN3CT	184
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W9LN	195	N4XYZ	XE1FAS	EA5RU
W9RXJ	CT1ELF	UR3EO	188	HP2NG
198	IZ5FSA	VA2IG	EA7AN	IK0HBN
DJ0MCH	JA7QQQ	WA9BZW	G1VDP	K3JM
I1YDT	K4KEW	YB1TQL	JA0GCI	N2MEE
IV3BSF	KE4S	191	JH7NTW	ND3L
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N4FN	SQ7FPH	HA5CW	K1JD	UN7BY
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VK6OZ	W3SB	K8QKY	PY2RN	W6BK
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WA2VQV	194	N7MQ	187	WB2HJV
WY1G	A65BD	OZ7DN	IK8GJR	WB3BFC
YL2TW	HB9ESS	VR2CH	JA2MNB	WB4YDL
YV5LI	HB9VAB	W1LE	K3NF	WB5STU
197	IT9ODQ	W5LO	N6NU	WV2I
4X4MF	JH1OCC	WF1H	SV8CKM	YB1RUS
BA4TB	JH8UQJ	WI8R	W5ZE	183
EA1DLU	K1LT	190	W8UQ	JA2KSP
IT9AAI	KP3AH	AA4U	186	JE4CIL
IV3AVQ	KR8T	AC4VM	AA4LR	K3SF
JA0CIU	NJ3K	BV1EK	DF2UA	K6LRN
	SP6EY			KC2SST

LU4FW	179	DL6NW	173	K6EGF
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NY1V	JA3EEM	JA1ERB	AB6CF	K7CU
W3ML	JM1SZY	JR1FHP	AI9U	LA2GH
YB2TS	K1RH	K5DCW	HB9FBG	N4VN
182	K4WZ	KK7YC	HB9HVG	N5PA
I5FLN	KE5TD	KT8D	K5CD	N6EM
I8LWL	KJ6NZ	N1JP	K5ZQ	N8VV
J11CQA	KZ2R	OZ9XU	K6UNE	NX4TT
K7LAZ	N3KV	VE1VOX	K8JE	OZ3SM
KG4JSZ	NC2Y	W0BM	LA9VBA	VE1OP
KK8MM	NK7C	W4AEJ	N7HN	VE2YG
LA5LT	SP5ELW	W4LEW	N9DR	W0OGH
N2ZA	W0ZS	W7WZ	NX2X	WA4USA
N2ZA	W4CCS	W9WO	OV5O	169
N8NA	W4TUN	WA3GNW	SM0EUI	DM3CW
N8NB	178	WF8R	WY7FD	JA1KXT
ON6KE	EA8AXT	175	172	JA3AVO
VK5GR	G4DDL	AG5CN	EI1DG	JE1PHH
VU3CAU	IW0BYL	IW1PUR	G3SBP	JE3PCP
W6SFK	JA3UNA	JA0LFV	JA1BON	JJ1BDX
WV8DX	J11WLL	JA6SQR	K5TA	K4WY
181	K1ZE	JH6RTO	LZ1XL	K9OT
EA5HM	K3VAR	JO3WHB	N3AO	KF9AF
IZ4AIB	K4GO	KD4POJ	SP5ES	KI2D
JA7DPC	KM4VI	KF2OG	YB4IR	N5MT
JA7FVA	KR2Q	KF6HI	171	PP7LL
JH1FNU	KU1T	LZ2ZG	AA5N	RD3BD
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KY6R	NN2D	N7VPN	CT2GZE	SV1IZY
N6VS	VU2LBW	NS3L	DL5MM	W7VAS
N8HRZ	W0PE	NW7US	F9CI	168
NV4A	W7HUY	UA1OM	IK3GBG	A92IO
OH2LHE	WB6AXD	UA9AGX	JS6QOM	AG4Q
UA9AEU	177	XE1R	K2TV	EW1P
VU2IBI	4X6UU	174	K6ZP	JH1ORA
W6TK	IU0ICA	AG7N	KB0V	JP1LRT
180	JE4RAL	DF8FT	KC5LK	K1VI
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AA4AK	JG3KLF	JK7LXU	KW9U	KF0RQ
AF6PK	K0EOO	JR3TOE	N8WRL	LU8ADX
JH1IZR	K2MK	K2CYS	NA6O	LX1CW
K0IL	K3OX	K5CR	ON6MX	N4ST
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K5TN	KF4VTT	K9UQN	WA4DOU	OE1ALW
K8SL	NA6MG	KZ5DX	WA5KBH	R4FAN
LA6OP	SM5CBM	N4PYI	WI7P	VE3YXO
N2ZZ	VK2AAH	N5QS	170	W5JMW
N4MIK	W0IKD	VU2DCC	DL2JIM	WX0Z
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NZ5O	W4KVS	WA4BIM	EI6AL	167
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KN7D	KD8MQY	KA1API	JA4FKO	GM3WIL
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	W9CSX	HL3ERJ	OT1A	KC4HN
	WC4X	JP7FSO	VA3NXM	N4QM
166		K1BZ	W1EBM	N7GCO
AL7R	163	K2OP	W8QXR	N7RD
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HL4XM	AA8KY	KM4A	XE1MW	W6FL
JR6GHN	AI4QQ	KW4J		WA6QGH
KN4FO	DS4NPL	N7QT	158	
KR4BD	EA1AZ	NA6XX	9J2BS	155
LA7EIA	F4CPF	OK2ZDL	AA4UC	AB4GE
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JF1KML	R3IS	K1ROA		154
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RA0BA	YO3IPR	N4MEC	JE3FOR	JF3VEC
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WB9PNU	AC0DQ	W1ASB	N6MM	N7JB
	BH4IGO	W1TO	NP3CW	NE5W
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AC4BT	DS3EXX	WB8QZM	W3HKK	VA3OKG
CT3DL	EA2AGV	ZS6RJ	W4DTA	W4CIR
DL7JRD	EA6UE		WB9B	W8TM
EI6IZ	HS8KAY	159	WD8KND	WA9MAG
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153
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OH3FVP
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K9AAA

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KE8G
KK4CLY
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VA3EJN
VA3HP
W3HER
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W6WA
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IT9IPQ
IZ2MHT
JA6SUY
JA7GZM
JE4KCN
JG1GJH
K1QN
K5HK
K9RT
KI7M
N6JOJ
N9IO
NG9J
ON6ZV
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JF2AIJ
JI3BFC
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KM2O
LZ1MDU
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NJ6K
PY2CP
TF3Y
VE6TL
W4AG
W9MAK

147
AB9KZ
EI3CTB
F6KOP
G3VQO
HB9GWJ
IS0/YO3RA
JJ0LZQ
JK1OTP
JL6USD
K0PC
K3GGN
K3GW
K4NTO
K4SAF
K5UZ
K8WHA
KB9LIE
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SV8RX
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W3NRJ
W8OM
W9GM

146
AD0K

AE5B
HB9HHH
HP3TA
JA3KWZ
JE1COB
K6NR
K8ARY
K8POM
KB9AIT
KD3HN
KM8AM
N6RK
N8TFD
SM3DXC
SP9IZV
WA2MUA
WA3SKQ
WA5NOM
WW8RT
XE2B
YB1BML
YO2DFA
ZS6UT

145
5T5PA
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EA4S
JH1CTV
K5FXB
KQ5M
KS0M
N6KK
W3DQS
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WR7Q

144
AD0TR
DL6DCD
G4FTC
GM0VIT
IZ0FUW
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JL3DGI
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UY2UZ
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WB9W

143
AA4MM
AF3X
EA4D
EI2HY
HB9AAA
JA1MOD
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K2OO
K6LPO
K7QBO
K9BQL
KD4EE
KE4FW
KG6D
KJ2U
KJ4R
KN7K
LB2TG
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N7ZA
OH3PYY
TF4M
TG9AJR
W4JVN
W4UFO
W7VS

142
IK1UGX
IK1ZNM
JA0MRW
JA1PUK
JH6PFY
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K8MRT
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NF7D
NH6L
NN9X
YO8CRU

141
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9H1AE
AC7JM
EI3ISB
HB9EXQ
IZ3XEF
JR3PKO

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K9AQ	JA0CVC	VE3FRR	W6UC	WA1KXV
KA5VFU	JA1PVX	W0ANZ	WB1DX	ZS1EL
KC1ERO	JA1VRY	W4GH		
KO4PRE	K2JL	W4PGM	133	131
TF5B	K2RET	W4PV	7J1ABD	DM6MA
W1NA	K2YSY	W7SX	DL8OH	EI5GM
W5GOL	K6CW		GM1BSG	GM4KHE
W6HDG	KC9G	135	HB0WR	K2WJ
WK8A	KF6A	AB4FH	HK4EB	KA5IAU
WK9U	KU9S	AK5Q	I4JEE	NN6K
	N0SL	G0THF	JA5IBP	OE3JAG
140	N3PV	GM5YTT	JM1JIV	W4MA
AD9DX	N9XX	HZ1GW	K9JDP	W5EC
EI6JK	OD5YA	JA1DCK	KG6WIK	W6OUL
EI7GY	PV8ABC	JA3MIO	KI4TZ	
EI7JZ	W0UHL	JA7MWC	LA9KY	130
EW4C	WA5POK	JJ1HLL	N1BKB	AA4QE
JG1RYQ	WA8LRW	JL2ULM	OH3DP	CT1HHP
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K0UBR	137	K3WGR	PT2ND	DM5JBN
K6EV	DL2RD	K4OP	V31CQ	JA2LMY
K7VC	EA7LS	K5VG	VU2ABS	JH3PRR
KB1HY	G3PSM	KL7NW	W1GY	JL4BSE
KC3AK	HL1MKT	N5RN	W1ITU	K2MHE
LA8PDA	JA4DNC	S53MJ	W3MF	K7YMG
LZ2HM	JF2RSF	W7QHE	W4EJG	KN4JX
VE3NJC	JH1SBE	WB3AVD	W9SE	N2YF
W3DIY	K2CDJ	WB6FWS	WB9ZNZ	N7TM
W5VU	K2RKJ	WB9IWN	YB4CHP	NS4F
W9BS	K4AU	WO5I	YO3GJC	NU4Y
WB1ASL	K6IRA			OZ6TL
WB8EKG	KP4N	134	132	RC3FL
WW6G	N2KI	AB0RX	AA4FU	W1MO
YB3MM	N4KM	AB1J	AK3E	W9CTJ
	N7VZ	DL4ZAB	AK6I	WB8RFB
139	N9NFT	EA6AZ	I8NLC	YB2IQ
AA4DD	NU1T	IZ8DEO	IW5EIJ	YO8PS
F5VML	SM5CSS	JA6GXP	IZ0COI	
HB9ARK	SP3EPG	JR0GXA	K4BNF	129
HB9DTE	TA1AL	K3KY	K4WM	AD6KQ
HL4CBX	W2GGY	K7FL	KG8OU	AE7U
JE3OUW	W2NY	K7YZO	KI7HO	JA0AVS
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N0CKC	WS1F	KF9LI	N4EDT	JN1SUT
N2SG		KM4HQE	N4QOG	JR1HYA
N7NF	136	KN4OK	NN3V	K0ARM
R9MJ	CT1ESO	LB5GI	ON6YH	K0YL
ZL3TE	EA5KA	N6XT	SM7DXQ	K5SES
	G0OSK	NJ1Q	UW7UA	K7ORK
138	IS0EBO	SM3WMU	VU3WEW	K8RCT
DL5KUT	NT5EE	W1DAR	W3KHZ	K9BO
DL5ZB	ON5GF	W2KNG	W4MC	KB4KBS

KE7BMG	NA1RL	W5CWQ	PY2ADR	KU2A
N8BK	ON5EQ	W6PG	VE3FAC	N3ER
N9AVC	VE3EDY	WA4TMJ	VE3VHH	N5ZY
PY3OG	VU2MSA	WA7HR	W2WGK	NA2R
SM2YIP	W0MF	WM4AA	W4UT	NY4G
VK5CE	WB2KSP	WR2G	WB8TGY	OZ6EI
W7TG			WU7X	TA1L
XE1ILI			WX3P	UA0FDX
	126	124	YB9WZJ	W2ARP
128	CU7AJ	AA5H		W3/NH7C
A71XX	EI4HH	DJ3EJ	122	W3JXP
DL9SAD	G3XLF	EC4KW	AA0BH	W4CC
EA1AHA	IK4TVP	EI8IQ	AA5B	W4KCM
EI3IO	JA5CDL	G4RGK	AB5YI	W5UQ
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ZS6AKU			W4BH	JA1DCO
	125	123	W5HNC	JH5OTE
127	AC4XO	AE5FM	W6HB	JJ1XVA
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AG4TO	G4EHT	DS4DBF	WA9DU	KD5R
DJ5DT	IK8PGE	EA3NG	XE2MX	KG4OJT
DL9GTB	IZ8EYN	G6NHU		KJ6Y
G8BCG	JA1IHD	IK0XKP	121	LU3XX
HK6K	JH8FIH	IZ8LMA	AB4BJ	N1TQP
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IK2ULM	K5NOF	JA1GLE	HA2EQD	N3GS
JA0BES	K9ARZ	JA2HOL	IK6BMU	N4UFP
JE2VYM	KC2STA	JH1RVQ	JA1CPN	NR2D
JG1LRE	KK5J	K0PX	JA1EYN	PP2FN
JH1HRJ	N7TW	K2JGL	JA1WTO	VE3QAA
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	W4AO	OH3TY		

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HL2MHU	KB2S	KB4CRT	IZ0CKJ	W3WN
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K4RM	KO4PY	KG4URP	JA4CSJ	W4LLP
K7LOL	KP4ED	MM1PTT	JA5SEY	W9LU
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SV1BYI	W3MRL	NG0G	K4JDJ	ZL3PAH
SV2KF	W4ARK	NI4Y	K4JLD	
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	AA0FT	WB4MM	KG2U	JA4DLF
	EA5GXI	WS4H	LU3JVO	JA5EEU
118	EI4BZ	114	NA9L	JE1TNL
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