

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 10 Apr 2024, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC	N6AR	337 DL4MCF I4LCK JA3FYC PY4OY SP9FKQ* W3LPL	EA4KD JA1BK JA5AQC K2PLF* K3KO* K4XO N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A W4PK	SM6CVX SP2FAX UA4HBW W1YY W5BPT WB9Z
347 K4CIA K8MFO N4WW SP5EWY W1JR W4DR	341 4X4DK DJ6RX G3KMA I4EAT* K5UR N2TK N4CC OH2BU OZ3PZ	336 AA6YQ G4BWP JA1WPIX JA2JPA K1ST K2FF K4HGX K5NA* K5RK N3XX VE3XN W0BV W2LO W2YC W9IXX	333 EA6SX F6EXV G0JHC JA0EOK JH4UYB JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU WD5COV	331 DJ9HX F6DAY HB9BGV I4AVG IK8HJC JA1HGY JA2KVD K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W5OZI W8UVZ W9RPM WB6RSE
346 N1DG SM3EVR	340 AA1V DJ2BW* DJ9KG JA4DND JH4IFF K4UTE K9QVB* N0AT NN4T PA3FQA SP5CJQ VE3EJ	335 AG9S JA4LKB JA5AUC K8SIX N0XA N4KG* N5UR N5ZM OK3GU PE5T SP8AJK W0MHK WK3N		330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI G3XTT GM3YTS HA5WA IK4DRY JA1ADN JA3EMU JG3QZN JL1UXH K3WC N4JF
345 HA0DU OH1XX W9ZR	DJ2BW* DJ9KG JA4DND JH4IFF K4UTE K9QVB* N0AT NN4T PA3FQA SP5CJQ VE3EJ			
344 JA2VPO OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 K3FN K4PI N4MM VA3DX W3UR	EA8AK IK1GPG JA1UQP N4CH N8DX SM3GSK		332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA2FBY JA4DLP JA5MHD K1OA K3UA K4XP N2LT	
342 DF3CB JR2KDN K4DY K4MQG KF2O	338 CT1EEB JA5EXW K9NU SM3NRY W1DIG W7UT	334 DJ9ZB		

N8JV
N9IW
OE3GCU
OK1MP
PY2BW
SP3E
YU1FW

329

AA7A
EI7BA
HB9BZA
I4MKN
IK5HHA
IK6DLK
IT9DAA
IV3JVJ
JA2JW
JA7KY
JE2URF
K0EU
K4ZYU
LA5IIA
N5AW
NJ6P
NO8D
NR1R
OZ1CTK
SP7GAQ
W0DJC

328

AA1ON
AA5AU
DL7MAE
G4OBK
GM3POI
IZ5EKV
JA0UUA
JA6BZI
JH1GZE
JI4POR
K1HTV
K4CN
K4MWB
K4QL
K9CT
KD5M
NI0G
PY5EG
R4GM
SL0ZG
SP6CIK
W5FKX
W5ZN
WA1JMP

327

DK5WL
DL2OE
HB9AMO
IK4BHO
JI8DGO
N6JV
PY2YP
SM2GQC
SM5DJZ*
SP8NR
VE3FF
W2IRT
W4UM
W5XX
YO5BRZ

326

AB4IQ
I4EWH
JA1SJV
JA7MSQ
JH1TWT
LU2NI
N4JJ*
N7RT
RA3CQ
RU3FM
RZ3AM
SP6M
SV1RK
W8DCH
WJ4T*
YO9HP

325

CT1APE
CT1IUA
EU7A
JA2FJP
JA5WIZ
JS2LHI
K0DEQ
K5EK
K9EU
OE2LCM
SM4EMO
SP5DIR
W6RLL
W9OP

324

DL5DSM
EA5BM
I0WDX
I5NPH
IZ0AEG

JA2DPC
JF1WPB
JF7XKY
K0CA
K5KC
N8BM
OE8HIK
R3OK
SM5CZQ
SM6CCO
SP9DWT
W1RM
W9OL
WB4TDH

323

DK9KX
EA3GP
JA9APS
JF1KKV
JH2FXK
JR3GWZ
K8PT
KF0QR
N5TY
SM4DHF
SM6CMU
SP1S
VE2TZT

322

CT1BH
EA5BY
G0DQS
HB9DHK
IK4GME
JF3KON
JH0INP
JJ2LPV
KU0A
KW9A
N1NK
N4DW
N4NX
N8RR
ON4CD
R7DX
SV8CS
UA3AB
UA4CC
VE1DX
W1ECT
W3LL
W5CIA
W5TCX
WI8A

321

AD1C
G4CCZ
HB9BIN
JA0GJJ
JA2BDR
JA3AZD
JH3VNC
JH4ADV
JH8RZJ
JJ3PRT
JR3OEH
K2UO
K2VV
N3NT
NK1K
OE6MDF
OE8RT
OH2BLD
ON4IQ
OZ1AXG
SM6DHU
UT7UJ
W3GH*
W3NO
W8GC
W8OI

320

DF2RG
G3TXF
I2EOW
IK5PWQ
JA3PIS
JA4FKX
JE2LUN
JH1IFS
JR2LJO
K1LD
N4II
N5XZ
NY0V
SM5KNV
SP7VC
UY5ZZ
VE3EXY
W6XA
W7AO
YV1DIG

319

F5PAC
FK8CP
JA1XEC
JE1SYN
JH3CUL
JI1DHY

K6AM
K6FG
K7NN
KV7K
N4DB
N4PQX
PA3EWP
R5AJ
SV1FJA
UA3AP
W5WT

318

A45XR
AA4HP
AD5A
DJ4AX
DL6KR
EA1YO
G4PWA
JI2KXX
K2TE
K4IQJ
K5DU
K9IR
K9YY
LA2PA
PY5EW
R3VA
RA7A
W3KX
W4FC

317

AA4V
EA2IA
IK2YCW
IK8YTA
K2RW
K6YUI
KA9CFD
N2BJ
SP1MGM
W6VX
WX4G

316

DL5WW
GM0GAV
HB9HFN
JA2JNA
JA8EAT
K3WA
K4HB
K8YTO
KQ8M
LA7HJA

N4QS
RV3LO
SP1JRF
UA3DPM
W7MO
W9ILY
YO3APJ
YO7LCB

315

9H1SP
AB6QM
G3VKW
HB0CC
IK4DRR
JA8RJE
JR2BJE
JR7VHZ
KE9L
N5OK
OE3EVA
ON4AOI
ON4IZ
PY2NQ
SM3VAC
UX1UA

314

CT4NH
DM5EE
G3NDC
JA2AH
JF1PUW
JR4OZR
JR9LKE
K1BD
K2LS
K4UEE*
K5AQ
KB0EO
KC9ARR
KG8P
OE1AZS
OE1ZL
SM4DDE
SV1DPI
SV1JG
UA6MF
UT9FJ
UX0FF

313

5B4MF
AA5AT
AB9V
DK2NG
JA5IU

JR1BLX
JS3CTQ
K5BG
K6TA*
N8KOL
SP3CGK
W1GL
ZS6EZ

312

AB3CV
CT1DKS
DK1FW
EA7TV
IK2QPR
JA2IVK
K1HT
N5ORT
WA2VYA
WP4U
YU3AA

311

F3SG
JA2XYO
JA4MRL
JA7JWF
JH4JNG
JO7WXN
PY2XU
UR0MC
YB5QZ

310

I3BUI
JA6VQA
JA7QVI
JR6FC
K4EM
K8FL
LA7AFA
LA9AJA
MD0CCE
N1IBM
RL9F
SP6HEQ
W0YG
W4BP
W8HW

309

DJ5FI
EA8AKN
HK3W
JA1ANR
JA1EOD
K8QM

KX4R
NN4SS
NU8Z
R9TO
RU3QR
RW3RN
RX3AGD
UA4LY
VE7IG*

308

DL2CHN
IK0PEA
JA1GRM
JA7IC
JA9TWN
JF8QNF
JL1RUC
JR1BAS
K0GY
K1AR
K4SO
K8OM
KN5O
KS1J
OE1WEU
R7NW
VA5DX
W2QO
W9MU
WA7NB
WA8WV
WD9DZV
YS1RR

307

AC4G
DK2JX
G0BLB
I5HOR
IZ8FFA
JA2XW
JA3GN
JH1QAX
JJ3HGJ
K2SHZ
K3RA
K9MM
KC6AWX*
NE1B
NI6T
NS6C
OZ4O
SM5JE*
W2JU
W7OM

306

DL1KUR
DL6CNG
G0OIL
HA1RB
IK4PLW
JA0CRI
JH1AGU
JH1NYM
K0KX
K2UU
K5XI
LA7JO
R9FM
W6ENZ
W9RN
WB8BPU
WB9CIF
WD0DAN

305

A65BR
DJ4XA
JA5XAE
JA6WJL
JA9CWJ
JR2UBS
K0JUH
K6KLY
K9ZO
KG4W
PA5TT
RA9CMO
SM3NXS
SV1CNS
UT2UB
W1YM
WA5VGI

304

DK5AD
EA6VQ
F2JD
HB9DDZ
JA1XCZ
JA2ZL
JF2UPM
JN3SAC
K8AC
N7US
N9RS
NN4R
R7FK*
UY5AA
W5XC
W7CT

303

DL5EBE
EA3GHZ
G3LZQ
HL3IUA
IK2RPE
K5WAF
K7WP
K7ZA
K8NVR
K9RX
RL3FA
RW4NN
SM2OAN
SP7HOV
SP7ITB
W1SKU
WT8C
ZS1LS

302

DJ5JH
DJ9ON
EA1N
F5CQ
IU7QBB
IW1ARB
IZ2AMW
JG3LGD
JG4AKL
SP2BMX
W0VX
W4QN
W5ADD
W7DO
WD4LBR

301

AE5E
F4BKV
HK4SAN
I2MQP*
IZ1LBG
JA0DIN
JA1IZZ
JA1LSP
JA2WYN
K4SE
K10KB
N9AU
RN3QN
US5WE
WB5JID
WE9R

300

AA8CH

HB9DDO	JA1VSL	CU2AP	LU3CQ	JE2OVG
HB9SLO	JE7JDL	DL1SMA	N9FN	JH1BAM
IZ5RVG	K2PK	EA3WD	PP1CZ	K0AZ
JA9AA	K8GI	IV3YYK	SK3PY	R9SA
K0KVR	K8WK	JA2CXF	SV3AQR	RM0F
K3XA	KG7H	JA3RQ	UN7TW	SM5ARL
K6RO	KT1J	JA9GPG	VU2NKS	UN7JX
K8GG	PY2VA	JH7RXU	W2LK	W1VT
K8TL	W5AJ	JM1FHL	W4VIC	W4YCH
K8VJV	296	K4JAF	WB9EEE	W7BEM
KB1JZU	AA8OY	K9MK	XE2CQ	WA6F
PA3CSR	EV1R	N2LM	289	286
W6TC	K8VC	PY2IQ	AJ6T	4Z4DX
299	LA8PT	S55DX	DL9TJ	AB5A
CT1FMX	N0RB	W9AJ	IW0HQE	CT3HF
DM2DXA	PY7DJ	WA4FFW	JA8EJO	DL2VPO
EW2A	RA3QK	292	JA9FAI	IK0XBX
G3SVD	SM6BZV	AI9L	JE2LPC	IZ8XQC
HB9RG	SV9COL	EA5AT	JG1WSC	JA1QXC
IK4ADE	UA6YW	G4GIR	K4XD	JA5BEN
JA7BWT	W9JA	G8DX	K6ND	JG0CQK
JH1SJM	295	IZ3ETU	KK0M	K1LPS
KM4H	AD6W	K7ZD	LB8DC	K1RO
LA3WAA	DL1DUO	N8II	N2NL	LU8EKC
N4TL	HB9TKS	R6AF	N7TY	RA0FF
SM6CUK	HL2IFR	SP5IWA	R0FA	UR5EDX
UA9FAR	IW0SAF	SV2AEL	UN6T	W3GQ
VE3BW	K5ZK	W6SR	W6XK	W5VY
298	K6SIK	WA3AFS	W9YSX	W6PJ
5B4AHJ	KD3CQ	291	YB1UUN	W8AXI
G5LP	SP8HKT	G0EHO	YO2CMI	285
HP2AT	SV1GYG	GM0AXY	288	DL1TRK
JA4ITW	W5LT	K5VIP	I1EIS	DL2SWN
JL2JVX	YO2RR	K6FW	JA1SVP	EA3GHQ
JR7WFC	294	K7ZV	JR1DUP	IZ8DFO
K8EUR	EA6NB	KB8VAO	K3PA	JA2VMU
KC7V	HB9BOI	KP2A	K4MS	JK1EXO
N5DG	HB9CEX	LA5HE	K9US	JK1GOK
N8TR	JA1BPA	MM0EAX	KD0Q	K6GXO
ND0N	JA1IOA	N2TN	N4RWG	K6PJ
NQ1K	JA2VQF	VE3CFK	N6UK	OE1WHC
OE3SGU	JE1DXC	W3RJW	SP9JZU	W8AV
SV2DGH	JE1GWO	W6YI	UA3AGW	WK7E
WB0TEV	JE8CLT	ZS2DL	W1EQ	284
ZL1BYZ	K5MC	290	W1YIF	EI9FBB
ZL3JT	KZ4V	AA4A	W2LE	JA1WSK
297	N0KV	EC3A	W2NO	JA2FGL
AA5AM	R5DT	IZ4MJP	ZS2EZ	JA3DY*
AC0A	RU6L	JA1JAT	287	JG3SKK
DL4CF	SV3DCX	JA1KQX	9M6YBG	JH3SIF
DL7BA	W2GG	JE1LFX	AA8LL	JN1BMX
E73Y	293	JE2EHP	HB9BAT	K0BBC
HL4CJG	AA4R	LA2QM	JA2ATE	K0TPP
IK5RUN		LA5LJA	JA3EOP	OE5BWN

PY2KP	JA2IYJ	W3BW	N4IG	N4QQ
SM0CCM	JA6TMU	WF2S	N8SNM	PU2POP
SM6CTQ	JH4ALY	WT4Q	OZ1ACB	VE6LB
SP3IBS	JR6LLN		RW7M	W8HC
W2AY	K4WNW	276	UR5WA	WL7E
W4FQT	LZ2JE	DK3WW	W4HG	
W5ODD	PY2DS	HB9LCW	W8RLS	269
W8BBQ	SM5CZK	IZ5BAM	WA9PIE	IK8EPC
	W8LGJ	JA7FWR		IZ3ENH
283	ZS4TX	JA7LMZ	272	JA1OVF
9K2OD		N5MOA	AF9H	JA1VLK
HB9CQK	279	ON4CAS	CT1FCX	JE3ENP
JA1RTX	HL3GOB	RX4HZ	CT1GFK	JP1NWZ
JG3FEA	JA7LGE	SM0NJO	E72A	K0KT
JL1XMN	JA9IFF	SM5CLE	HA9PP	N4UOZ
K3WW	JE8TGI	VE1JBC	IK5PWN	NK0S
K5DHY	JF2XGF	W1ZT	JA9FPI	NW7E
K9NW	K1GG	W5GO	K3FRK	OM4EX
K9SM	UN7LZ	W9FR	K7EG	SM5FWW
LA8HGA	VE3EK		K8BL	W1MK
LU4FPZ	VK3HJ	275	KI4GE	W4MAY
N7IR	W3JX	EA1AF	LA3MHA	YB1AR
N7RO	W3OA	HL2WA	OE5FIN	
OE8SPW		JA2JRG	PA0ZH	268
RA1QD	278	K0GD	SV1ACK	F5PBM
S57AT	9A4T	N2JJ	SV9AHZ	JA1NWD
W1LW	DL5CW	N7KA	W1YRC	JK1TCV
W6BJH	EA8RR	N8PW	W2OO	K1DG
	F2NH	PA7RA	W3AP	K1MAA*
282	I4KDJ	W4OX	WN6W	K9MBQ
GM3YOR	IV3GOW	W9MJ		KD4W
IZ0RVI	IW1QN	WO7R	271	N2AJ
K5UO	JA8LRG		4X1RU	N5JB
NT0V*	K2UR	274	AA8R	N6TA
RD3AW	K3UL	AJ9C	I1FQH	NA5DX
SM4CTI	K5RT	DL6JZ	IK2DZN	ON6AA
UA0BA	KD0PO	EW1KP	IZ8EJB	SM5ENX
W7AL	VE3CRG	IK0AGU	JA0DET	SM6BGG
	VE3DZ	IW0HOU	JE6TSP	W8QZA/QRP
281	W8MHW	JH1IAQ	JM1HJG	WA1YTW
AD5Q	ZL4TT	K1DT	K3PU	
EA5OX		K3PT	KS3F	267
EI2GLB	277	K6UM	N8LJ	4X6ZK
F3AT	EU1KY	KA8ZPE	UA3TT	AA4FL
IZ8FDH	F5UJK	KJ6P		JF2WGN
JA1SYY	IT9CVO	NA5C	270	JG8FWH
N2WB	JA0PE	OE2GEN	CT1EAV	JI3CJP
N5GH	JA1FQI	RA5BM	CT3MD	KB1EFS
W0LS	JA3ENN	UA3ECJ	DK8MCT	R8TX
W7ZJ	JA8EOT	W0EWM*	DS1JFY	SM5BMB
W8TN	K1USA		EA1KY	SM5FUG
XE1KK	K2AJY	273	EA6ET	W1KSZ
	K8UT	JA1XPQ	F9XL	
280	N5LZ	JA2TBS	JN1RQV	266
GM3PPE	UT7UV	JA6BEE	K0BJ	7K1PTT
HA5VZ	UW2ZM	JH3GCN	K7UA	IZ8VYU
IK0HFO	VU2PTT	K5PS	K9JF	JH1HHC

JJ1TKN
K8AJS
K8ROX
KQ4AV
PZ5RA
RA4CA
WB3LHD

265

G3WPH
JA4FM
JO4CFV
K2CBI
LB2TB
N5KM
N9JV
W7MEM
WA3C
WB2BIN

264

4Z1UF
DF2GH
EA1KP
F6DBX
HK1MW
JA8DNV
JA8ZO
JR4LNG
KA1ERL
LA0FA
N1GC
PA7TWO
SV1CQN
VE6AX
W5PF

263

DK4TP
EA3CJ
EA4DL
HA7UW
JA7XBG
JR8AMF
K1KO
K8FH
KN6KI
N1RR
W2OIB
W3ACO
WA4LOX
WB2GAI

262

CU3EJ
I5REA
JA8BAR

JF1NZW
K8AV
KF2DT
LA9FFA
ON5UE
W0FLS
W5ZG
W6NWS
W6RS
W7LGG
W7QDM
W9PZT
WA3GFM
WB8ART
ZS6NJ

261

IZ8IEV
JA2XCR
JH3KAI
K2FW
K2KA
K7LJ
NK4L
OH1ZK
SM7CQY
W0GG
W4UCK
ZS1A
ZS6WB

260

7M4AOE
AB4SF
EA8MT
EA9IE
EC1AIJ
EI8IU
FG5FR
IV3VBM
JA1KPH
JA2FBC
JH3FUK
K8YSE
LY1G
N6MZ
N7BT
NN4X
NX0I
SK7AX
TG9NX
WA0MHJ
WA5LFD

259

4F2KWT
AA9A

DJ8NT
EW1BA
I5OYY
JA8BNP
K2UFM
K6IPM
NI3P
PY5CC
SM4AZQ
W2FV
W7AH
W8KEN
WA1S

258

DK7YY
HB9IQB
JA9AGN
JH1BNC
KH2L
N4JQQ
OH4UI
SA0AQT
US0YA
W1SSN
W4LSC*
ZL2IFB

257

AF4HX
BA4RF
CT1FPQ
DJ0UT
EA7SG
EB3CW
HB9RYZ
IK2PZC
IK4AUY
IK8VRH
JJ1DWT
OH1JP
RU1AB
SV1VS
W8MET
W8MJ

256

BH4QYX
EC1A
FG8OJ
IK4HPU
JA0KJE
JH1RGG
JH4GJR
JM1GHT
JM2RUV
K0TT

K5VWW
M0TTB
N9ISN
W9HBH

255

AI6Z
IV3TMM
JA9NLE
JE2DZC
JH4HMG
JK1OPL
K1UU
K9FN
KR4F
N1RK
N3VA
ND4X
VR2XMT
XE1MEX

254

BA7IO
CT1BWW
DL1HRN
E72U
JA3VPA
JA3WLN
JH1VUO
K3SEW
KI5BLU
N4LR
UA3O
W7YAQ
WA0RVK

253

CT1BWU
CU2DX
DS5ACV
G3UAS
HB9DHG
JA6GPR
JA6IVR
JE2RDO
K6MKF
K8DV
KE1F
N6PSE
N7XR
NF1G
UA0FO
WF4U
YB0COU

252

DL7UPN

G3KWK
G3NKC
JA1BNW
JA8UIV
JF3PNQ
JH1ACA
JH4CBM
JL1BYZ
K1ESE
K1IU
LA5YJ
NT5V
SM7IUN
W2ZI
W7CA
WS9V

251

9A4W
AA6AA
DL2RTL
F1ICS
JA5BGA
K1SM
K4VIG
K8CW
N4SC
N5UL
W1KDA
W2JLK
W4SK
W5GAI
W8JRK

250

CT1DOF
EI6FR
EI9JF
HA7TM
JA8CJY
JL1MWI
JR0EQQ
KQ3F
N1SV
OZ4VW
PA0JSE
PY2FN
UN3G
W7HPW
W7IU

249

IZ4DPV
IZ8GGF
JA8FFM
K7XB
K9NR

N6HC	W6DE	241	WQ6Q	NW4M
N8OC	W9JJB	AB5C		TA1CM
NA5Q	YB0NFL	IS0AFM	237	W7YW
NU1B		IZ8FWN	CT1BOY	WB8CQV
OZ5NJ	244	JF2VAX	G0VXE	
SM4OLL	EA5RD	J16IHG	IW3GJF	234
UN3GX	HB9BUN	JP1IOF	IZ5YHD	AA7G
W1OPD	HL2KV	K4RG	JA0LXP	DF7EE
W9RC	JA1CZI	K7KB	JH1DGQ	DK2CC
XE2D	JA4VLK	KV1E	K1RV	HB9BYQ
	K0KG	N6KZ	K2NV	HB9JOE
248	K1EFI	W3ABT	K8YYY	HS1NGR
HB9DOT	K1PL	W5DNT	N4HID	IK0LNN
HL4GAV	K1YR	W5QM	SM0MPV	JA1EMQ
JJ1SKG	K4JJW	W9EWZ	VU2CPL	JA8XQI
N4XP	K6EID		W2XI	JK1BSM
OZ1LCG	K8RRT	240	W8UN	K4MF
PY2MC	LA6UL	7K1CPT	WA0ROI	KE5FXE
VE3YF	N1EN	GU0SUP	WB8B	KE8UM
W5JAY	OE3HWC	JA1DM	WB8ZRL	N4HB
	W4REX	JA2FSM	XE1RBV	N4OA
247	W5PJR	JE1HRC	YO3JF	ND4V
EA3EQT	WA3F	JR1WCT		NV4B
HL3DE		KF0LA	236	S51NM
K3VAT	243	N0ABA	FG4NO	W3WST
KM1D	CT1FUH	UX5UO	HB9ZS	WA4CEM
N6RV	CT3KN	W0SZ	HL2CFY	WA4JQS
N7DED	DS5TOS	W8IW	JA1HOM	WA5UA
VE3YV	G4XRV		JA1JYE	
W2GW	JA2EPW	239	JA3KNN	233
W8IQ	JA7BEW	6K5YIA	JK1UNZ	AA9GR
WS5W	JF1LMB	DJ9RR	JN1NOP	CU3EQ
	K4ZO	IK0UTM	K1ACL	EA4DEI
246	K8ME	IZ1JMN	KM3J	JA4HAW
IV3KFB	LA9VFA	IZ2FOS	KM6HB	K8BN
JA1VRU	N1API	JA7KE	N4GN	K8EAB
JA2QXP	N4QWZ	K2XF	N6IE	KJ7M
JA7HRM	NV9L	N8SHZ	OE2BZL	N2NW
K1FEV	SV1FJP	WB7B	PA0TCA	N9BX
K4KAY	W1BR		SV1HEP	NE3F
K6BV	W8OP	238	W0HBH	PY5IP
K9YC		EA1JO	W2TB	SM0XBI
N2DPF	242	HB9MFM	W4GIW	W2NRA
N3KN	DH2PC	JE2VLG	W9OO	W6YOO
W1KMA	HL3AMO	JF0JYR	WY6N	WB2KSK
W3FI	JA4ZA	JG1OGM	YB2TX	WD8PKF
W3ICM	JH1WJR	JH3FHQ		ZL4AS
W5ZO	JH4ADK	K9OR	235	
	JR1MLU	KA4RRU	EU1U	232
245	K1CA	KF7F	HC1BI	DL9FCY
AK5X	K4PB	M0CSD	JA1DDZ	EA1RT
JH7BKN	K7FEL	N4PJ	JE1IBI	JA3BXF
JR3UIC	N2NS	N9UA	K0VSH	JA5NPV
N0AH	N3RC	W4KA	K4QE	JA6CBG
N5BO	N6HY	WA4QMQ	K5CWR	JH1APK
NZ3O	OM8FR	WA6JA	K8ZM	JH6DUL
S55ZZ	SV1IW	WB0TVY	N2FF	K4ST

K5FNQ	N4NW	225	N4ENE	HL5BMX
KF7PG	W1WC	DK5RL	VE7TK	JA6AVT
NY2NY	WA1PMA	DS5DNO	W0RX	K5JZ
OZ1IKY		EU1M	W4PNY	K9ZM
RK4FD	228	JA3QOS	W7IB	KG6I
RQ3A	AF5CC	JH1UBK		K17AO
SP6JIU	F5LIW	JH8NQV	222	N1KC
W2/CT1GIF	GW4TSG	K0OK	AA0MZ	N6DX
W2YR	JF1RYU	K1JIU	DJ9SO	NA9RB
W3FOX	JH1ERJ	K5YU	DL5XL	W6GRV
W6CYX	JH2PWY	K6EME	E77S	WB0O
W9ZCL	JR7GBL	KA8SYV	F6ECI	WB4KTF
WV6E	K5FZ	KB1DMX	IZ7AUH	
	KS4S	MU0FAL	JA9NFO	218
231	N6PM	N9SF	JM1VRW	DL2NOM
AD5WB	RA3QUA	SM3LGO	K2AT	DL4NBE
G3KMQ	W9FI	W3MR	KJ7TEA	DS4AOW
HL2ZN	WB8K	W5GZ	N2SQW	I7PXV
I0JBL	WV4TN	W5TFW	OZ7FOC	JF1MTV
IW7DVM		W8UV	RA4P	JJ1QUV
JA1MZL	227	YO9FNP	W6AER	K1NTR
JF2WXS	DL2RUM			K3EA
JH0AWC	G3VPW	224	221	K9JU
KD6UO	HL2EIZ	DK3PZ	E21EIC	KE3D
NA4EA	I0MWI	EA7QW	EA2AAZ	N4JT
SM7NDX	IK8UHA	JA3FHL	HI8RD	TZ4AM
W0JM	JA0DWY	JA8NFV	JI1NJC	VU2CDP
W0QQ	K0DD	JK1WSH	JR7FRW	W8CZN
W4UDH	K1GE	JO1LVZ	K4JC	W9KVR
W6RW	K1KA	K1CBK	K5DV	WA2NPD
	K5GH	N3RW	KK9H	WC4H
230	N4IQ	N7WO	KU4XO	
DK6OR	N6OJ	OE3KLU	RU0SN	217
F6HLC	NF4A	PE1L	W4DEE	AB4UF
G3LUW	W2DXE	RW4CY		DH0GSU
JI1VVB	W5SL	SM7BHH	220	JA2NNF
KB9DAK	W6DR	SP6AXW	AA6RR	JA7ZP
N0RN	W8GNM	VE3SKX	DL4DW	JG5RVQ
W5DM	WA2USA	WC3W	EA5DFV	K2HAT
W8WVM	WA8MCD	WN6K	EI9FVB	KB5UNX
W9YE	WA9GON		K4EU	N6QI
WB2NPY	YL2KF	223	K4MIJ	OZ0J
		AC9EM	K5MT	SV8DOU
229	226	AC9O	K6MM	W0TM
AA3LX	DM2RM	AF2C	K7AWB	
AE0P	HA5PT	EA7DUD	KZ9DX	216
AJ8MH	I0OSI	I8MTQ	NA5Z	CX2CC
IK2GAJ	IK7FPV	IK2RZP	ON4ATW	DJ3XG
JA2OLJ	K1XV	IZ8MBW	PA3BWD	EA5B
JE1VTZ	K2BA	JA1IAZ	SM0DSF	G4VMX
JK1VXE	KH6M	JH1DGJ	SP6A	HB9CXZ
K0HD	KK4OK	JR1VAY	UR4IOR	HB9DQV
K2SN	KX2A	K6IPV	XE2X	IZ0NRG
K3FM	N2KX	KG9Z		IZ1JLG
K4CMS	N5ET	KI6CG	219	JA1FJJ
KD1F	N6BM	KW4V	AG1A	JA2VHO
KI4DLS	VK4CAG	N1NU	F5JSD	K3NQ

K7LV	AG3V	K0VM	HB9CRV	HB9EFK
KK4OW	DK3UA	K5ALQ	IZ4DIW	IK2RGT
KR4W	DS3HWS	KB4MRX	JF1IRW	IZ0BTV
NC4RB	IK1IYU	N0ODK	JH0BQX	JA7JPZ
PS8ACL	IV3FFI	N6PEQ	JN1NBU	JH8NBJ
W0SR	JA0EVI	NE6I	K0MN*	JJ1BMB
WB3D	JA1FVS	PU1KGG	K8NK	K0CS
WS1L	JA3NHL	SM5BNK	KF9UG	K4JKB
	JR1EFG	W3BJ	KK5OQ	K9OW
215	K2RU	W6DCK	KK9T	KA1DJ
9H1EJ	K4JWA	W8HMK	N4TOL	KM7R
AA7XT	K9GA	WB0ULX	N8BJQ	N3PS
G4FKA	LA5SJA		NA2AA	N4TV
IZ0BVU	N8GP	208	NA9Q	N6PAT
JA4CZM	NA2M	DL8SDC	W9DX	SV1FKZ
JE1PNX	VK3FM	JA1OVD	WA3WZR	WA3FRP
JE2UFF	W2KA	JA1PBV	WA6G	
JH0OXS	W8WEJ	JH0NOS		202
JH5HDA		JR3VMJ		AA9RR
JT1BV	212	K0THN	205	IK5BOH/2
K2XB*	DJ3AS	K2PF*	CU3AN	JR4LZX
KF4NEF	G4ZOY	K4CGY	DL4LAM	K1NJ
KR6C	JA1BWA	K4WES	DL6UNF	K6ZZ
KX4TT	JH3GFA	K5RJ	HB9BNQ	K9TF
N8NN	KU4BP	KS4YT	JA4DHN	K9WX
N9AOL	PY2RO	NW6S	K3WWT	N8WD
NH6T/W4	SM5AOG	OH7TV	K4YYL	NU1O
RN9N	SP5LKJ	W5FPT	KE6V	W1AW
V51B	W5DAW	W6WF	N9KW	W1DYJ
VK3NX	W5GA	WX2U	OH2IS	W3NS
W0FG	WK4Y*		UN9L	W4RDX
W0TT		207	W7HR	W7TUS
W1JGS	211	9K2BM	W8BLA	W7VY
W2PP	JA3LDH	G8AJM	W8FIB	W8LMG
W4IS	JJ1KZZ	JF1WLK	WA4MME	WE2N
W6SL	KD2T	JF2OZH	WW8W	
W7JY*	KT2C	JH2VVH	XE1J	201
WE1P	N1BY	K9FZ*		AA8SW
WE4S	VR2XLN	KE1VT	204	GI4OWA
WV9L	WA3I	KK2M	EA2AFV	JH1IED
ZL2AL		KV4T	HB9DVO	K0MFI
	210	M0IKW	JE2EBT	K4YJ
214	JF6XQJ	N9AKR	JH1OBS	KK1W
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F4GVO	KD4SN	ON4ANN	JR0QFA	RT5A
I5XFD	KD8RQE	RD9M	JS6TWW	W6AEA
JN7DOS	KE4UW	SP7ICE	KB5HC	W9IL
K0QQ	PY2WC	TF3DC	KM9E	
K2AZ	S54A	VK2CA	KV4AA	200
KB6CIO	VE7BV	W4GE	KW4CQ	AJ4A
VK3BDX	W5THT	W7NN	LB5WB	DF3EC
W0KCJ	W5WP	W9QO	LB6KC	HB9AGO
W9MO	W7FP	YB0MWM	W4GP	HB9IIO
WB6BFG		ZS1J	W7IV	IZ8EKL
	209		XE1L	JA0KJD
213	7J1ADJ	206		JA3EY
9A1AD	AH0U	3A2MW	203	JE2KSM
			F5NBX	

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N4TD	I7LGM	JA1QIW	W9ROG	UN7BK
N7ELL	I8YAV	KB2FCV	WB4GLI	VA7ZT
PY3VB	JA1XRA	KM1C	ZS1DX	W2WG
VK6LC	JH1OGT	N9PGG		W4WN
W5RF	N2GZ	SM5ELV	189	W6RKC
	N3QE	W8NN	HI3T	WB5NHL
199	NA9A		I0LYO	WC2K
AA3TH	RC2A	192	JA1SGU	
AC0X	SP3F	F6FYD	JG1SWM	184
AD4AA	SP5MXZ	IZ7GIT	K6JAT*	AD6ZJ
JH0RVY	W1MJB	JA0CIU	K6UXO	DS4GKF
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K4SX	WA0WWW	K5IB	RM3DA	HP2NG
K4VNY		K6XN	RN3CT	IK0HBN
MU0GSY	195	K9SG	SM4BZH	IK0WRB
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PB9FN	IZ5FSA	KJ4UZU	W6KK	JH1FVE
V51YJ	JA2NDQ	KJ4YLO	XE1FAS	K3JM
W6JZ	JA7QQQ	N4XYZ		KZ1W
W9RXJ	JL3OUW	N9JR	188	M0HIH
	K4KEW	UR3EO	EA7AN	NW7M
198	KE4S	VA2IG	JA0GCI	SM2EJE
DJ0MCH	N3XM	WY1G	JK1AJX	UN7BY
IV3BSF	OH6NIO	YB1TQL	JP1GUW	UT7KF
JR1IZM	SQ7FPH		JR0AMD	W6BK
K0GW	UR5FEO	191	K1JD	W7IUO
KA1J	W3SB	AA4NC	K2DC	WB2HJV
KC6JAM	W9LN	DG5LAC	PY2RN	WB3BFC
N4FN		DL4FAP	WV4V	WB5STU
N6ZN	194	HA5CW		YB1RUS
RA3BL	A65BD	K1RI	187	
W6SHY	HB9ESS	K8QKY	IK8GJR	183
WA2VQV	HB9VAB	KO6KD	JH7NTW	JA2KSP
YL2TW	IT9AAI	N4DWK	W5ZE	JE4CIL
YV5LI	JH1OCC	N7MQ	W8UQ	K3SF
	JH8UQJ	OZ7DN		K6LRN
197	K1LT	VR2CH	186	LU4FW
4X4MF	KP3AH	W5LO	AA4LR	NA2U
BA4TB	KR8T	WF1H	G4XEE	YB2TS
EA1DLU	NJ3K	WI8R	JA2MNB	
IV3AVQ	NJ7G		K5QX	182
IW9DNI	SP6Eiy	190	KC6X	I5FLN
JJ2WOC	W4DC	AA4U	KK0DX	I8LWL
K8SIA	W5UHQ	BV1EK	N6MXU	JA7FAS
KI4WCQ	W5VQ	DJ9KV	N6VNI	JG1JPE
NG7M	W7PAQ	EC7B	NU4B	JI1CQA
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W4DAO	WW2DX	HL4CCM	WA5IPS	K7LAZ
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WQ5R		JA2ITK	WZ4RC	KK8MM
XE1H	193	JH8KFE		KL7TC
	7L4VYK	JI2UDK	185	LA5LT
196	AE4CW	K7UT	K0KP	N8NA
AD8P*	DH3KM	K8ZT/QRP	K3PP	N8NB
AG5W	I1YDT	KD0AA	KE5BR	ND3L
CT3CD	IZ5MOQ	N3AIU	KU8X	ON6KE

VK5GR	G4DDL	JO3WHB	NZ5O	K3VAR
VU3CAU	IW0BYL	KD4POJ	OH2LHE	K4WY
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WV2I	J11WLL	LZ2ZG	WC0W	KF9AF
WV8DX	K0NV	N7NG	YB4IR	K12D
181	K1ZE	NC2Y		N5MT
IZ4AIB	K4GO	NS3L	171	RD3BD
JH1FNU	KR2Q	UA1OM	AD3C	SM7WVZ
K5RKS	KU1T	UA9AGX	CT2GZE	SV1IZY
KY6R	VU2LBW	XE1R	DL5MM	W0AIH*
N6NU	W7HUY	YB0DJ	F9CI	W7IAN*
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N8HRZ	177	174	JM1SZY	WA4NUF
NV4A	4X6UU	AG7N	JS6QOM	
OH3OJ	IU0ICA	DF8FT	K2MK	168
SV8CKM	JA3EEM	DL5KUA	K2TV	A92IO
UA9AEU	JE4RAL	JK7LXU	K6ZP	AA5N
VU2IBI	JF1LZQ	JR3TOE	KB0V	AG4Q
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W6TK	K0EOO	K9HQM	KP4DKE	EW1P
180	K3OX	K9UQN	KW9U	JH1ORA
A61BK	K8YE	KZ5DX	N8WRL	JP1LRT
AA4AK	KF4VTT	LA6OP	NA6O	K1VI
G1VDP	KP3V*	N4PYI	NW7US	K2SY
JH1IZR	NA6MG	N5QS	NY1V	K4KGG
K0IL	SM5CBM	VU2DCC	W0MU	KF0RQ
K2SD	VK2AAH	W5WI	WA4DOU	KM4VI
K5TN	W0IKD	WA4BIM	WA5KBH	LU8ADX
K8SL	W1AO	WB0N	WI7P	LX1CW
NA5S	W1OP	WQ5T		N4ST
VK2HV	W4KVS	173	170	N6MB
VR2XYL	YB1TJ	AB6CF	4X6KJ	OE1ALW
W1LE	176	AI9U	DL2JIM	PP7LL
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W5SUM	IK0CHU	HB9HVG	EI6AL	VE3YXO
179	JA1ERB	K5ZQ	JA1BON	WX0Z
AF6PK	JA1FHP	K6UNE	JA1GVT	
DL5MHQ	K5DCW	K8JE	JQ1YIW	167
K1RH	KK7YC	LA9VBA	K1ZJA	JA3AVO
K3NF	KT8D	N7HN	K6JJ	JA8BOV
K4WZ	N1JP	N9DR	K7CU	KB8NTY
KE5TD	N2MEE	NN5E	K7PT	KE3X
KJ6NZ	OZ9XU	NX2X	LA2GH	KH6XT
KZ2R	VE1VOX	OV5O	N4VN	KN7D
N3KV	W0PE	SM0EUI	N5PA	N1ZJ
N3ME*	W4AEJ	WY7FD	N6EM	N7VPN
N4MIK	W4LEW	172	N8VV	PY2SEX
SP5ELW	W7WZ	EI1DG	NX4TT	WA0SXV
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W4CCS	WA3GNW	JA7FVA	VE1OP	WB8BZK
W4TUN	175	K5TA	VE2YG	
178	AG5CN	KC2SST	W0OGH	166
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	JH6RTO	N2ZA		DL1SVA
		N3AO	169	HL4XM
			DM3CW	JE3PCP
			JE1PHH	JJ1BDX

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WA1ZIC	K4GN	JA1UOA	WB2RAJ	
WB3JFS	K4MV	JA7JM	WT2P	154
YO3AIS	KE1B	JR1CAD		AJ8B
ZS6IR	KW4MM	K5VR	157	DS5WQT
165	LA1CO	K7LY	7N3IJT	I4UUL
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CU3HN	N7KDT	KF2OG	E20YLM	JA4HFX
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K2AX	W1XV	N8IL	KW1DX	JL1GYZ
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KG4CUY	YO3DDZ	W1ASB	N6MM	NE5W
LA2XPA	YO3IPR	W1TO	NP3CW	SM0BYD
N2RJ	YO4AUL	W3ML	PY1NS	SV1XV
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VK3TC	DS3EXX	159	DK8IZ	WN7J
WB2WPM	EA2AGV	EA1P	EA3HPX	
WB9PNU	HS8KAY	F4DSE	F1RAF	153
	JR4CZM	IK0WMJ	G4AYU	HB9BEM
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CT3DL	WA7BNG	JK1EBA	JA2ODB	JR7MAZ
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EI6IZ	161	K0IO	JH2AJY	K0LB
IZ0GVZ	AE4M	KB7AK	K1ROA	K3HW
JJ1JMZ	HL3ERJ	LA4JGA	KA9OKH	K4OY
K6CF	JP7FSO	LA8ZAA	KC4HN	K8ROK
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LB7ZG	K2OP	OT1A	N7RD	KK4XL
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NA2P	KD1AB	W1EBM	W5JMW	N2ZZ
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S50B	N7QT	XE1MW	WB4YDL	N7NW
W6SIY	N9LEO	ZS6C*	ZL3RJ	N7WI
WA5CMI*	NA6XX	158		NC7B
XE1YD	OK2ZDL	9J2BS	155	NK7C
	SM3PHM	G4SGX	DK3QM	OH3FVP
163	W5BK	HK3PJ	IV3TDM	SP5NON
AA4OC	W5RDW	IK3DVY	JR3ADB	W4DTA
AA8KY	W6DOE	JH3EQP	K2DF	W8VK
AI4QQ	W9GG	JJ1KXB	K4EZY	WB4SON
DS4NPL	YB2DX	K3DFL	KL0S	
EA1AZ		K4HQK	KQ4EE	152
			M0IFT	5P5Q

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BX5AA	JG3RWX	AB9KZ	PT2ADM	K4SAF
DF2WF	K1QN	EI3CTB	W2RS*	K6TAR
DU1KT	K5HK	F6KOP	W7NP	KA6BIM
G4AFJ	K9RT	G3VQO	WA9JWL	LA1J
IK5BSC	KI7M	IS0/YO3RA	WB9B	NF7D
JG2LGM	N6JOJ	JJ0LZQ	WR7Q	NN9X
K2EK	N9IO	JK1OTP		RL3BZ
K4RDU	VR2MY	JL6USD	144	YO8CRU
KD2OV	W3KB	K0PC	AD0TR	
KE9S	W4NE	K3GGN	DL6DCD	141
KW4J	W8QXR	K4NTO	G4FTC	7K3QPL
ON4LG	ZS1C	K5UZ	GM0VIT	9H1AE
R9JX		KB7QFE	JL3DGI	AB4GE
W6RFF	149	KB9LIE	K1TKL	AC9S
W8FN	7N2JZT	N8JS	N5UE	EI3ISB
WA6EZV	DS4DRE	SV8RX	NZ0O	HB9EXQ
WA9IVH	ER0FEO	W0QC	RN0C	IZ0FUW
YV4DYJ	JA7MAD	W3NRJ	UY2UZ	IZ3XEF
	JS6SCC	W9GM		JR3PKO
151	K2KIB		143	K1XE
AA4UC	K8SMC*	146	AA4MM	K2JK
AB2E	K9EXY	AE5B	AF3X	K5CD
DL4KUG	KM2E	G3LAS*	EA4D	K9AAN
EA3HDZ	KP4DS	HB9HHH	HB9AAA	K9AQ
JA2BUR	N0LGU*	HP3TA	J68HZ	KA5VFU
JH2NWP	N0STL	JA3KWZ	JA1MOD	KC1ERO
K4DET	NE0U	K6NR	JE3FOR	N1BCL*
K7LAY	NO0B	K8ARY	JH1BHW	W1NA
K9AAA	PY8WW	K8POM	JR7ILA	W6HDG
KE4BKL	RT0F	KB9AIT	K7QBO	WK8A
KE8G	UA9MC	KD3HN	K9BQL	WK9U
KK4CLY	WA1EHK	KM2O	KE4FW	
LZ2XF		N6RK	KG6D	140
N4AA*	148	SM3DXC	KJ4R	AD9DX
N7MB	4F3BZ	VU2NXM	KM4HQE	EI6JK
NU4I	A71AM	WA2MUA	KN7K	EI7GY
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VA3HP	JI3BFC	WW8RT	N4UP	HB9GWJ
W3HER	K5EWS	XE2B	N7ZA	JG1RYQ
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W6WA	K8ZZU	YO2DFA	TF4M	K6EV
WC2C	KA3GWD	ZS6UT	TG9AJR	K7VC
WF8R	KL7TS		W4UFO	LA8PDA
	LZ1MDU	145	W7VS	LZ2HM
150	N0TK	5T5PA	WB9W	NZ9Z*
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HB9MXY	VE6TL	JH1CTV	DL8DWL	WB8EKG
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JA7GZM		N6KK	K0SRL	F5VML

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JE3OUW	KP4N	TA1PB	I8NLC	NS4F
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K2HT	N4KM	W7SX	IZ0COI	OZ6TL
K4TXJ	N7VZ	WB3AVD	K4BNF	RC3FL
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KX4I	NH6L	WO5I	KG8OU	W9CTJ
N0CKC	NU1T	134	KI7HO	WB8RFB
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N5FEE	PY2CP	AB1J	KX5U	YO8PS
N7NF	SM5CSS	DL4ZAB	M3DFW	129
R9MJ	SP3EPG	EA6AZ	N3TR	AD6KQ
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ZL3TE	W2GGY	JA6GXP	N4QOG	JA0AVS
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DL5ZB	W5GOL	K7FL	SM7DXQ	JA3WMS
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PV8ABC	W0ANZ	HB0WR	KB1HY	128
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WA8LRW	W4PV	JM1JIV	OE3JAG	EI3IO
137	W8OM	K9JDP	W4EJG	EI5JL
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EA7LS	AB4FH	KI4TZ	W6OUL	JH1AWJ
G3PSM	AC7JM	LA2IR	130	JN4FNZ
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WC4V	PY2OP	N1HO	N1QY	WU9D
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	W8VI	W6ND	N9ATD	AE5LK
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7Z1HL	XE3E	ZL3REX	SV7CUD	CT7ABD
AG4TO			UT9LC	CU2CE
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G8BCG	DM5JBN	DJ6OZ	W1HEO	DS5QLJ
HK6K	EI8GS	DS4DBF	W1KKG	F5AQB
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		SP9IZV	KG5NP	W1RG
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VE7NY				

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NA4D	KE9UA	DK7GH	KV8P	WI0E
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R9GM	KK6VGE	DL5JH	N0OK	WM9Q
S51MA				

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