

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 26 Oct 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348 K2TQC SP5EWY	K5UR KF2O N6AR	W1DIG W7UT	OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2LO W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT I4AVG JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX			333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW PY2SP PY5EG	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1RFR K4MWB KD5M LA5IIA
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW K5RK N4CH N8DX	335 AG9S JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR OE3GCU		
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY			

LZ2DF
PY5HOT
SP3E
VE3FF
W5OZI
W8UVZ
YO5BRZ
YU1FW

330

AA1ON
DJ2YA
DL1AMQ
EA7TV
EI7BA
HB9AMO
I4MKN
IK4BHO
IK6DLK
JA1ADN
JA3EMU
JH1GZE
JI4POR
K3WC
K4CN
K4ZYU
K9CT
N4JF
N8JV
N9IW
NR1R
OK1MP*
RA3CQ
SP7GAQ
W3NO
W4UM

329

GM3POI
IT9DAA
IV3JVJ
JA2JW
JA7KY
JA7MSQ
JH1TWT
K0EU
K1HTV
N5AW
NI0G
NO8D
OZ1CTK
R4GM
SP6CIK
SP8NR
W5XX
WA1JMP

328

AA5AU
DL7MAE
IZ5EKV
JA1SJV
JH2FXK
JI2KXK
K4QL
RU3FM
SL0ZG
SP9DWT
W1ECT
W2IRT
W5FKX

327

AB4IQ
CT1APE
CT1IUA
DK5WL
DL2OE
EA1YO
EA5BM
I4EWH
JE2LUN
JH0INP
JI8DGO
K0DEQ
KW9A
N2BJ
N6JV
PY2YP
RZ3AM
SM2GCQ
SM5CZQ
SP6M
SV1RK
YO9HP

326

EA5BY
JA9APS
JE1SYN
JF1WPB
JF3KON
K5EK
K8PT
LU2NI
N3NT
N7RT
NK1K
ON4IQ
OZ1AXG
SP5DIR
W8DCH
WP4U

325

EU7A
HB9DHK
I5NPH
IZ0AEG
JA2FJP
JA5WIZ
JF1PUW
JF7XKY
JH8RZJ
JL1RUC
JR3GWZ
JS2LHI
K9EU
K9IR
OE2LCM
R5AJ
SM4EMO
SM6CCO
SM6CMU
SP1S
SV8CS
W1RM
W3LL
W6RLL
W9OP

324

DK9KX
DL5DSM
FK8CP
G0DQS
G4CCZ
I0WDX
IK5PWQ
JA2BDR
JA2DPC
JJ3PRT
JR2LJO
JR3OEH
K5KC
K5MC
K9YY
KA9CFD
N1NK
N4II
N8BM*
OE8HIK
R3OK
RV3LO
VE2TZT
W8OI
W9OL
WB4TDH

323

AD1C

EA3GP
GM0GAV
JF1KKV
K6FG
KF0QR
LA7HJA
N5TY*
N8RR
NY0V
OH2BLD
SM6DHF
UA3AB
UT9FJ
W7AO

322

CT1BH
CT4NH
EA2IA
F5PAC
IK4GME
IK8YTA
JA4FKX
JJ2LPV
K2UO
K7NN
KU0A
KV7K
N4DW
N4NX
N4PQX
OE1WEU
OH1LEU
ON4CD
PA3EWP
R7DX
SM5KNV
UA4CC
VE1DX
W5CIA
W5TCX
WI8A

321

AA4V*
G3TXF
HB9BIN
IK2YCW
JA0GJJ
JA1XEC
JA3AZD
JH1IFS
JH3CUL
JH3VNC
JH4ADV
K2VV
KX4R

N5XZ
OE6MDF
OE8RT
SM6DHU
SP7VC
SV1FJA
UT7UJ
W4FC
W8GC

320

AA8CH
DM5EE
G0BLB
I2EOW
JA3PIS
JO7WXN
K1LD
K4EM
KQ8M
NE1B
UY5ZZ
VE3EXY
W3KX
W5WT
W6XA
YV1DIG

319

DJ4AX
DK1FW
EA8AKN
HB0CC
IK4DRR
JA9TWN
JI1DHY
JR7VHZ
K6AM
N4DB
N4QS
ON4AOI
UA3AP
YO3APJ

318

A45XR
AA4HP
DL6KR
G4PWA
JA1ANR
JA2JNA
JA4EPE
JH4JNG
K2TE
K4IQJ
K5BG
K5DU

LA2PA	HA1RB	JR1BAS	KC7V	WE9R
PY5EW	HK3W	JR1BLX	LA9AJA	307
R3VA	IZ1LBG	JS3CTQ	NS6C	A65BR
RA7A	JA8RJE	K4SO	RA0FF	DK2JX
RW3RN	JA9CWJ	K6KLY	RL9F	F2JD
SP1MGM	JN3SAC	K9US	SM2OAN	HB9TKS
SP3CGK	JR2BJE	LA7JO	SP6HEQ	I5HOR
VE3LYC	K8NVR	LB8DC	W0YG	JA2XW
317	N5OK	N2NL	W4BP	JA3GN
AB9V	NN4R	N4TL	ZS1LS	JA6WJL
DJ5FI	OE3EVA	N8KOL	309	JJ3HGJ
DK2NG	ON4IZ	ZS6EZ	JA1EOD	K2SHZ
DL5WW	PY2NQ	312	JG4AKL	K9RX
HB9HFN	SM3VAC	AA5AM	K1AR	LU8EKC
JA2IVK	SV2DGH	F3SG	K2UU	NI6T
K2RW	WB0TEV	JA1SYY	K8QM	W7DO
K6YUI	314	JA1VSL	K9ZO	W7OM
K9MM	AC4G	JA1XCZ	NN4SS	W9JA
KE9L	CT1DKS	JH1AGU	NU8Z	WA5VGI
UX1UA	EA1N	JH1QAX	R9TO	ZS2DL
W6VX	EA6VQ	JN1BMX	RU3DX	306
WD0DAN	G3NDC	JR6FC	RX3AGD	9K2OD
WX4G	IZ8FFA	K1HT	UA4LY	DL1KUR
316	JA2AH	K3RA	W2JU	DL5EBE
AB3CV	JA2ZL	K5XI	308	HB9DDZ
DF2UU	JR4OZR	KG4W	DL2CHN	I1EIS
DL6CNG	JR9LKE	N1IBM	F4BKV	IK4PLW
G0OIL	K2LS	N5ORT	HK4SAN	JA2VQF
IK2QPR	K5AQ	RU3QR	IU7QBB	JE2LPC
IW1ARB	KB0EO	SV1CNS	JA1IZZ	JR2UBS
JA5XAE	LA7AFA	UT2UB	JA2WYN	K5WAF
JA8EAT	MD0CCE	W7CT	JA7IC	KD3CQ
K1BD	OE1AZS	W8HW	JA9GPG	OE5RLM
K3WA	OE1ZL	WD9DZV	JE2EHP	R8TX
K4HB	SM4DDE	311	JH1SJN	R9FM
K8YTO	SV1DPI	CT1FMX	K0GY	SP5IWA
KG8P	SV1JG	IK0PEA	K0KVR	UN7JX
N5DG	UA6MF	JA2XYO	K8OM	US5WE
SP1JRF	UX0FF	JA4MRL	K9MK	W5AJ
UA3DPM	W9RN	KM4H	KI0KB	W5XC
W1GL	WB8BPU	OE3SGU	KN5O	ZL3JT
W7MO	313	OZ4O	KS1J	305
W9ILY	5B4MF	PY2XU	N8TR	AJ6T
WA2VYA	CT1GFK	UR0MC	NQ1K	DJ4XA
WA7NB	I3BUI	WB9CIF	R7NW	G5LP
YB5QZ	IZ2AMW	310	SP9JZU	JA1IOA
YO7LCB	IZ8FWN	HB9SLO	UR5EDX	JA1WSK
YS1RR	JA1GRM	JA0CRI	VA5DX	JA2NDQ
YU3AA	JA5IU	JF8QNF	VU2NKS	JA7BWT
315	JA6VQA	JG3FEA	W1YM	JE6TSP
9H1SP	JA7JWF	K0KX	W2QO	JH7RXU
AA5AT	JA7QVI	K6RO	W5ADD	K0JUH
AB6QM	JF2UPM	K8AC	W6ENZ	K3XA
G3VKW	JG3LGD	K8FL	W9MU	K9NW
	JH1NYM		WA8WV	

N9AU*	WD4LBR	XE2CQ	IW0SAF	N2LM
PA5TT			JA1BPA	N7IR
RA9CMO	301	298	JA1FQI	PY2IQ
SM3NXS	AE5E	5B4AHJ	JE2DZC	S55DX
YB1UUN	CU2AP	CT1FCX	JH4ALY	WA4FFW
	HB9BOI	DL7BA	JM1FHL	
304	HP2AT	JA4ITW	JN1RQV	292
DJ9ON	JA0DIN	JA5BEN	K0BBC	DL5CW
DK5AD	JA1LSP	JA7MYQ	K0TPP	E72A
HB9CEX	JA1SVP	JL2JVX	K1GG	EA5AT
JA9FAI	JE1LFX	JR7WFC	K4XD	G8DX
JE1DXC	JG8FWH	K2PK	K5VIP	HB9BAT
K7WP	JK1GOK	K8EUR	K5ZK	IZ0RVI
K8GI	K4SE	N4RWG	N7TY	IZ3ETU
N7US	LA5LJA	ND0N	NA5C	IZ8VYU
N9RS	MM0EAX	PY2VA	RM0F	JA3ENN
UY5AA	RN3QN	ZL1BYZ	SM5FUG	K5DHY
	UN6T		SP8HKT	K7ZD
303	WB5JID	297	SV1GYG	N8II
E72U		E73Y	W5LT	R6AF
EA3GHZ	300	JA3RQ	W6XK	W4VIC
G3LZQ	AC0A	JE7JDL	W7AL	W6SR
HB9DDO	DL1TRK	JG0CQK		
HL3IUA	DL4CF	K6ND	294	291
HL4CJG	EA1AF	K8WK	AI9L	4Z4DX
IK2RPE	EI2GLB	KG7H	AJ9C	EA6ET
IK4ADE	IW0HQE	KT1J	EA6NB	G0EHO
JK1EXO	IZ5RVG	W2GG	HA5VZ	JJ1TKN
K7ZA	JA2ATE	W6YI	HA9PP	K4ZO
KB1JZU	JA9AA	W7ZJ	IT9CVO	KP2A
LA3WAA	K8GG		JA1XPQ	LA5HE
OE5BWN	K8TL	296	JA5SUD	N2TN
RL3FA	K8VFV	AA4R	JE1GWO	N7RO
RW4NN	PA3CSR	AA8OY	JH1BAM	PY2KP
SM6CUK	VU2PTT	AD6W	JJ1DWT	VE3CFK
SP2BMX	W3OA	CT1DOF	JR1DUP	W7BEM
SP3IBS	W3RJW	EV1R	K3FRK	W8TN
SP7HOV	W6TC	GM0AXY	K7ZV	W9FR
SP7ITB	W9AJ	IV3YYK	KD0Q	ZL4TT
SV2AEL	WA9PIE	JA1JAT	KZ4V	
W1SKU		JK1TCV	N0KV	290
WT8C	299	K0KT	RU6L	AA4A
	4X6ZK	K3PA	SV3DCX	DS1JFY
302	DM2DXA	K6FW	W3JX	I4KDJ
DJ5JH	EW2A	K8VC	YO2CMI	JA1KQX
F5CQ	HB9CQK	LA8PT		JA1QXC
G3SVD	HB9RG	LU4FPZ	293	JF1NZW
HL2IFR	IK5RUN	N0RB	DL1HRN	JH3GCN
JE8CLT	IZ4MJP	RA3QK	DL1SMA	K1DG
K4MS	JA7LGE	SM6BZV	EA3WD	KD0PO
OH8LXT	K6SIK	SV9COL	G4GIR	LA2QM
PY7DJ	K9SM	UA6YW	IK0HFO	LU3CQ
R5DT	KB8VAO	YO2RR	IW1QN	PP1CZ
RK4FD	N9FN		JA2CXF	RD3AW
W0VX	UA9FAR	295	JA3EOP	SK3PY
W4QN	VE3BW	DL1DUO	JH0BQX	SV3AQR
W5VY	WA3AFS	EC3A	K4JAF	UN7LZ

UN7TW
W1EQ
W2LK
WB9EEE

289

DL9TJ
HB9RYZ
JA8EJO
JA9FPI
JA9IFF
JG1WSC
JH4GJR
K3UL
KK0M
R0FA
RA1QD
S57AT
VE3EK
W9YSX

288

CT3MD
JA2JRG
LZ2JE
N4LR
N5LZ
N6UK
ON6AA
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS1A
ZS2EZ

287

9M6YBG
AA8LL
AA8R
IV3GOW
JA9NLE
JE2OVG
K0AZ
K5RT
LA3MHA
N3VA
N8PW
R9SA
SM5ARL
W1VT
W4YCH
W8AV
WA6F

286

AB5A
CT3HF
DL2VPO
HL3GOB
IK0AGU
IK0XBX
IZ8XQC
JA2FGL
JE3ENP
JF2WGN
JH1BNC
K1LPS
K1RO
K5PS
N8SNM
UR5WA
VE1JBC
W3GQ
W6PJ
W8AXI
W9MJ
WN6W

285

CU2DX
DL2SWN
EA3GHQ
EA5KA
HL2WA
IK8VRH
IZ8DFO
JA0PE
JA2IYJ
JA2VMU
JR8AMF
K1USA
K6GXO
K6PJ
KJ6P
LA8HGA
N8LJ
OE1WHC
PE1L
W1OPD
WK7E

284

DL6JZ
EI9FBB
GM3PPE
GM3YOR
IZ3ENH
JA0DET
JA8CJY
JG3SKK
JH3SIF

OE2GEN
OH4UI
SM0CCM
SM6CTQ
W2AY
W4FQT
W5ODD
W8BBQ

283

DF2GH
JA1RTX
JL1XMN
K3WW
N6TA
OE8SPW
W1LW
W6BJH
WT4Q

282

K1DT
K5UO
K8ROX
PC3T
SM4CTI
UA0BA
W4OX
W9HBH
WA3C
XE1KK

281

AD5Q
BA4RF
EA5OX
F3AT
I1FQH
IZ8FDH
K0GD
N2WB
N5GH
OZ1IKY
SM5ENX
W0LS
W8HC
W8KEN

280

CT1EAV
JA3XNH
JA6TMU
JH1HHC
JN7DOS
JR6LLN
JR7FRW
K0TT

K4WNW
N2JJ
OH1JP
PY2DS
SM5CZK
UT7UV
VK3HJ
W8LGJ
ZS4TX

279

AA6AA
HK1MW
JA2XCR
JA8DNV
JE8TGI
JF2XGF
JH7BKN
JK1UNZ
JO4CFV
KF2DT
KQ4AV
OH1ZK
SM0NJO
VE3DZ
W4UCK
WB2BIN
WO7R
WS5W

278

9A4T
CT1FPQ
EA8RR
EI9JF
F2NH
JA8LRG
K2UR
N4HB
N9ISN
SM4AZQ
VE3CRG
W4MAY
W8MHW
WF2S

277

EU1KY
F5PBM
F5UJK
IZ4DPV
JA8EOT
JH3KAI
K2AJY
K8UT
N9RD
ON4CAS

SV1FJP
UW2ZM
W1KSZ
W1YRC
W2PP
W3BW
W8RLS

276

DK3WW
HB9LCW
IZ5BAM
JA7FWR
JA7LMZ
LA0FA
LA9VFA
N5MOA
ND4X
NK0S
OZ1LCG
RX4HZ
SM5CLE
UN3G
W1ZT
W2OIB
W5GO

275

AB4SF
JE1BMJ
JG1OGM
JI3CJP
N6PSE
N7KA
ON5UE
PA7RA
WA0RVK

274

7M4AOE
EI6FR
EW1KP
IW0HOU
JA8ZO
JH1IAQ
JM1GHT
K3PT
K6UM
KA8SYV
KA8ZPE
KS3F
NA5DX
RA5BM
SV9AHZ
UA3ECJ
W3ACO
W7MEM

273 CT1BWU DH2PC JA1KPH JA2TBS JA6BEE JM2RUV K4RG KA1ERL KI5BLU LB2TB N4IG N4JQQ N4QQ OZ1ACB OZ4VW RW7M W4HG W8QZA/QRP WA0MHJ 272 AF9H DS5ACV I5OYY IK5PWN JF1LMB JH1OBS K1UU K6IPM K7EG K8BL K9MBQ KB1EFS KI4GE N2DPF NV9L OE5FIN PA0ZH SV1ACK W2OO W3AP WA1S WL7E 271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU LA9GX N4UOZ NN4X UA3TT	W1MK XE1MEX 270 7K1PTT AA4FL BA4MY DK8MCT EA1KY F9XL K0BJ K7UA K9JF N6RV OE3HWC PU2POP VE6LB 269 HB9IQB IK7FPV IK8EPC JA1OVF JA1VLK JA4VLK JA6GPR JH3FHQ JP1NWZ K6EME KR0P NW7E OM4EX SM5FWW YB1AR 268 HB9BUN JA1IAZ JA1NWD JH4HMG K2KA K6BV KD4W N2AJ N5JB SM6BGG W2FV W9OO WA1YTW 267 DL4DW HB9MFM IV3VBM JA2QXP JA7BEW JA8UIV	K5VWW K7XB SM5BMB W6RS 266 EI8IU IK0UTM IW7DVM JA3BXF K8AJS NU1B PZ5RA RA4CA SV1HEP VE3YF W0FLS W7YAQ W8MET WB2GAI WB3LHD 265 4F2KWT G3WPH JA1VRU JA4FM JE2RDO JH1ACA JR1WCT K0DD K2CBI K2SN N5KM N9JV SP6JIU VE3SKX W5DM 264 4Z1UF EA1KP F6DBX HB9DHG IK4AUY IZ0NRG JA7HRM JF2WXS JR4LNG K1CA K8RRT N1EN N1GC PA7TWO SV1CQN VE6AX W5PF	W6TMD WV4TN 263 DK4TP EA3CJ EA4DL HA7UW JA7XBG K1KO K4KAY K8FH K9FN KN6KI N1RR N7BT NA5Q NF1G SM7IUN W0GG W2XI WA4LOX ZS6NJ 262 CU3EJ I5REA JA8BAR K8AV LA6UL LA9FFA N3RC N8OC NK4L NX0I W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART WQ6Q YB2DX 261 7K1CPT DK3PZ EA3EQT G3UAS IS0AFM IZ8IEV JA3FHL JH2PWY K2FW K7LJ KM1D	LA5SJA N9UA OM8FR SM7CQY W0JM WA5LFD ZS6WB 260 AA9A EA8MT EA9IE EC1AIJ F6HLC FG5FR JA0KJE JA2FBC JA3VPA JA3WLN JH3FUK JH4ADK JJ2WOC K1ESE K8YSE LY1G N1SV N6MZ NT5V SK7AX SP6A TG9NX WS9V WV8DX 259 CT3KN DJ8NT EW1BA JA8BNP K2UFM NI3P PY5CC SV1FKZ VK4CAG W1KDA W7AH 258 CU3EQ DK7YY HL3AMO JA9AGN JR3UIC KH2L SA0AQT US0YA W1SSN
---	--	---	---	---

W5JAY
W9EWZ
ZL2IFB

257

AF4HX
DJ0UT
DL9FCY
EA1JO
EA7SG
EB3CW
HA5PT
IK2PZC
JA6OXT
JE1PNX
K1SM
N1API
N6HC
PY2MC
RU1AB
SV1VS
W3FI
W8MJ

256

BH4QYX
EC1A
FG8OJ
GU0SUP
IK4HPU
JF2VAX
JH1RGG
K4JJW
K6EID
M0TTB
VK3NX
W6DE
W8JRK
WB7B
WV9L

255

AI6Z
EA5RD
F6ECI
HC1BI
HI8R
HL3DE
IV3TMM
JK1OPL
K1FEV
KR4F
N1RK
N5BO
VR2XMT
VU2CPL
W2/CT1GIF

254

BA7IO
CT1BWW
IZ5YHD
JH1VUO
JH2VVH
JJ1BMB
K0GW
K3SEW
KI1U
LA5YJ
NE8P
UA3O
WB4KTF

253

AC9O
FG4NO
JA6IVR
JA8XQI
JE1HRC
K6MKF
K8DV
KE1F
KM6HB
N7XR
UA0FO
W6RW
W8GNM
WF4U
YB0COU

252

DL7UPN
F1ICS
G3KWK
G3NKC
JA1BNW
JA4HAW
JF3PNQ
JF6XQJ
JH4CBM
JL1BYZ
JR1VAY
K1EFI
K5FZ
KB9DAK
N6PM
OH7TV
W2GW
W2ZI
W7CA
WA4CEM
WA4JQS
WV6E

251

9A4W
DL2RTL
JA1DDZ
JA1EMQ
JA1SKE
JA5BGA
JE1VTZ
JH1DGJ
K4VIG
K8CW
KG9Z
KJ7TEA
N4SC
N5UL
NV4B
SM5FQQ
W2JLK
W2TB
W3ABT
W4SK
W5GAI
W8OP

250

6K5YIA
EA1RT
HA7TM
HB9EBM
HB9EFK
JH3GFA
JH6PFY
JL1MWI
JR0EQQ
JR5JAQ
K1KA
K9YC
K9ZM
KQ3F
OH2IS
PA0JSE
PY2FN
W7HPW
W7IU
YL2KF

249

AF5CC
HL2CFY
IZ8GGF
JA8FFM
JH1APK
JH8GEU
JJ1QUV
K9NR
KF7F
N0RN

N3KN
NH6T/W4
OZ5NJ
SM4OLL
UN3GX
VE3YV
W0RX
W8IQ
W9RC
WB8K
XE2D
XE2X

248

AK5X
DS5DNO
EA4DEI
G3VPW
HB9DOT
HL2KV
JA1PBV
JE2VLG
JJ1SKG
KF9UG
N4QWZ
N4XP
N6KZ
SV1IW
W8IW

247

AA7G
CT1FUH
K1PL
K3VAT
KH6M
N7DED
NA9RB
OZ7FOC
PY5IP
S51NM
W7IB
W9JJB

246

GW4TSG
HL2EIZ
I0JBL
IV3KFB
JK1WSH
JR7GBL
K3EA
KB6CIO
W1KMA
W3ICM
W5ZO

245

AC9EM
AJ8MH
G3KMQ
HB9JOE
JA3QOS
JJ6DGP
K5IB
KF7PG
N0AH
N2NW
NZ3O
OE3KLU
S55ZZ
YB0NFL

244

EI2HY
G4FKA
IK8UHA
JA1CZI
JI6IHG
JN1NBU
K0KG
K1YR
KK1W
W0QQ
W4REX
W5PJR
W9FI
WA2USA
WA3F
WA8MCD
WC3W

243

DS5TOS
G4XRV
JA2EPW
JS6TWW
K8ME
W1BR
W4PNY
WX2U

242

EI9FVB
JA4ZA
JH1ERJ
JH1WJR
JK1VXE
JR1MLU
K3NQ
K3WWT
K4PB
K7FEL
KJ7M

LU6ETB	WA6JA	WY6N	K8EAB	229
N2NS		YB2TX	KK9H	AA3LX
N6HY	238		N9BX	AE0P
NF4A	JA0LXP	235	NE3F	AH0U
PA3BWD	JF0JYR	EA5B	SM0XBI	DL8SDC
RC2A	K9GA	EA7QW	W2NRA	IK2GAJ
VK3BDX	K9OR	EU1U	W6YOO	JA2VHO
W8CZN	KA4RRU	JA0KJD	WB2KSK	JA7QQQ
	M0CSD	JE1IBI	WD8PKF	K0HD
241	N4PJ	K0EOO	WE4S	K3FM
AB5C	N5ZC	K0VSH		K4CMS
E21EIC	VU2CDP	K4YJ	232	KD1F
G8AJM	VU2DCC	K5CWR	EW4C	KI4DLS
JA6AVT	W3MR	K8ZM	G3XLF	N4NW
JH1UBK	W4KA	N2FF	HB9DVO	NE6I
JP1IOF	WA4QMQ	N4IQ	HL2ZN	UR5FEO
K1XV	WB0TVY	NA5Z	JH0OXS	W1WC
K7KB	ZL4AS	NJ7G	JH6DUL	YB1TJ
KV1E		NW4M	JR3VMJ	
N4OA	237	TA1CM	K4ST	228
N9SF	CT1BOY	W2DXE	K5FNQ	7J1ADJ
W5DNT	G0VXE	W7YW	KB1DMX	AA0MZ
W5QM	HB9CXZ		N3PS	F1RAF
WB8CQV	JH1DGQ	234	N9PGG	F5LIW
	JR0QFA	DF7EE	NY2NY	JA1OVD
240	K1RV	DK2CC	RQ3A	JF1RYU
G7SSE	K2NV	HB9BYQ	SV8DOU	JF1WLK
IW3GJF	LB5WB	HS1NGR	W6CYX	K4KGG
JA1DM*	SM0MPV	IK0LNN	W9ZCL	KE0A
JA2FSM	UN9L	JA2OLJ		KE4UW
JF2OZH	W6AER	JE2EBT	231	RA3QUA
K4QE	W8UN	JH5HDA	AD5WB	VR2CH
K9JU	WA0ROI	JK1BSM	DK6OR	
KF0LA	WB8B	JR4LZX	IK1IYU	227
KZ5DX	WB8ZRL	K0VM	JA1MZL	DF8FT
N0ABA	YO3JF	K4JC	JH0AWC	DL2RUM
N4HID		K4MF	K2RU	I0MWI
PY2GG	236	K6ZZ	KD6UO	JA0DWY
SM3LGO	HB9DQV	KE5FXE	LZ2XF	JK1SQI
SP5LKJ	HB9ZS	KE8UM	N8HRZ	K1GE
UX5UO	IK2DUW	KX2A	NA4EA	K2TER
W0SZ	JA1HOM	ND4V	SM7NDX	K5CD
W8WEJ	JA1JYE	SV8CKM	W4UDH	K5GH
XE1RBV	JA3KNN	W3WST		N1NU
	JN1NOP	W9MO	230	N6OJ
239	K1ACL	WA5UA	G3LUW	NA9Q
AG1A	KM3J		JA5NPV	W4DEE
DJ9RR	KS4S	233	JH7WQX	W5RF
IZ1JMN	N4GN	AA9GR	JI1VVB	W5SL
IZ2FOS	N6IE	AA9RR	K2SY	WA9GON
JA6CBG	OE2BZL	AJ4A	KC9K	WC2K
JA7KE	PA0TCA	DH0GSU	N4TOL	
JA9NFO	W0HBH	DS3HWS	W2KA	226
JE2UFF	W2YR	EA5AR	W8FIB	DM2RM
K2XF	W4GIW	JA3NHL	W8WVM	I0OSI
K8YYY	W6DR	JH1SOD	W9YE	JH1IED
N8SHZ	WA1PMA	K8BN	WB2NPY	K2BA

K2HAT	223	K1NTR	KU4BP	W4WN
K2SD	AB4UF	K1TZQ	N6QI	WB6BFG
KK0DX	AF2C	K4EU	OZ0J	
KK4OK	EA7DUD	K4MIJ	W0TM	213
N2KX	HB9HBZ	K5MT	YO3IPR	9A1AD
N2SQW	I8MTQ	K6MM		AG3V
N5ET	IK0WRB	K7AWB	216	DK3UA
N6BM	IK2RZP	K9WX	AC4VM	HB9HIT
N9AOL	IZ8MBW	KV4T	CX2CC	IV3FFI
NG7M	K0NV	KZ9DX	DJ3XG	JA0LFV
VE7TK	K6IPV	ON4ATW	I1YDT	JA1FVS
W7HR	KI6CG	SM0DSF	IT9AAI	JG1JPE
W9DX	KV4AA	UR4IOR	K7LV	JG3RWX
WB0O	KW4V		KK4OW	JR1EFG
	N4ENE	219	KR4W	KD4SN
225	NY1V	AA8SW	KX4TT	N6PEQ
DK5RL	W8LMG	F5JSD	LB6KC	N8GP
DS4AOW	WC4H	HB9BNQ	NC4RB	NA2M*
EU1M		HL5BMX	PS8ACL	SM7GIB
G3SBP	222	IK5QPS	W0SR	VK3FM
JA0EVI	AK5Q	JA1FJJ	W5VQ	W1LE
JA4CZM	DJ9SO	K5JZ	WB3D	
JF1MTV	DL5XL	KD2T	WS1L	212
JH8NQV	E77S	KE6V		G4ZOY
JL3OUW	IZ7AUH	KG6I	215	JA1BWA
K0IL	JM1VRW	KI7AO	9H1EJ	JA3LDH
K0OK	K2AT	KR2Q	AA7XT	JJ2KDZ
K1JIU	KB5UNX	KR6C	DS4GKF	JR2PZX
K3SF	KS4YT	N1KC	HB9IIO	K3SX
K4JWA	KU8X	N6DX	I5XFD	N4FN
K5YU	RA4P	W5GA	IZ0BVU	SM5AOG
MU0FAL	VE7BV	W6GRV	JR0AMD	VK5GR
N0ODK	W5THT	WA3I	JT1BV	W5DAW
NA2AA	W5UQ	WW8W	KF4NEF	WW2DX
W5GZ			KO6KD	WY1G
W5LO	221	218	N8NN	YL2TW
W5TFW	EA2AAZ	DL2NOM	RN9N	
W8UV	IZ1JLG	DL4NBE	W0FG	211
W9KVR	J11NJC	EA2AFV	W0TT	JE2KSM
WE1P	K1NJ	G4VMX	W1JGS	JJ1JMZ
YO9FNP	K4CGY	I7PXV	W4IS	JJ1KZZ
	K4MV	K5ALQ	W6SL	JO4JDU
224	K5DV	KE3D	WA6HBR	JR1JGA
JA8NFV	K5ZQ	N4JT	ZL2AL	KT2C
JH1OGT	KU4XO	SM7WVZ		N1BY
JO1LVZ	N9JR	TZ4AM	214	VR2XLN
K1CBK	RU0SN	W3BJ	3A2MW	W6UC
N3RW	W0BM	WA2NPD	DJ3AS	W6WF
N7WO	WA0WWW		F4GVO	
RW4CY	WB0N	217	HB9VAB	210
SM7BHH		IK0CHU	JA7DPC	AA4LR
SP6AXW	220	IT9ODQ	K0QQ	CU3AN
V51B	AA6RR	JA2NNF	K2AZ	JA7FAS
W7NN	DL4LAM	JA7ZP	N9KW	JH6RTO
WN6K	EA5DFV	JG5RVQ	PY2RO	KD8RQE
ZS2Y	JP1GUW	K1RH	SP7ICE	LU4FW
	K1DJ	KK2M	W0KCJ	N8BK

ND3L PY2WC S54A W5WP W7FP W9IL WA9BZW WK8A YB0DJ	RD9M TF3DC VK2CA W1AW W1MJB W4GE W6KK W9QO YB0MWM	W7IV WB8BZK XE1L	IZ8EKL JA3EY K1ZJA KC6JAM KM4VI N1IA PY3VB VK6LC ZS1DX	IV3AVQ JA2MNB K6TAR K8SIA KD1AB W2CQ W4DAO W4HZ WF8R WQ5R XE1H
209 JH8UQJ K0LB KB2FCV KB4MRX KO8SCA N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX	206 AG5W CT1HHP HB9CRV IW9DNI IZ4DIW JA4DNC JF1IRW JH1FVE K8NK KK5OQ KK9T KW4CQ LA6OP N7NF N8BJQ W7IUO WA3WZR WI7P	203 7L2QAD DF3EC F5NBX IK2RGT IZ0BTV JA0CIU JA7JPZ JH8NBJ K0CS K1VI K4GO K4JKB K8YE K9OW K9TF KA1DJ KL7TC KM7R N4TV N6PAT W1DYJ W3BNN WA3FRP	199 AA3TH AC0X AD4AA HI3T JH0RVY JI1WLL JM1SZY JR7ILA K4SX K4VNY KI4WCQ MU0GSY N2RR NC2Y ON6KE PB9FN V51YJ W6JZ W9LN W9RXJ WB4YDL	196 CT3CD DF2UA G1VDP HB9ESS I7LGM I8YAV JA1XRA N2GZ N3QE N4HN NA9A SP3F SP5MXZ W3ML W5AAJ W6HYI WB5NHL
208 7N3IJT DL4FAP HP2NG JH0NOS K0THN K4WES K5RJ K9SG KC2SST N6ZN N7WS NU1O NW6S W1FA W5FPT WA6G ZS1J	205 AC9S DL6UNF GM0VRP IK3GBG JA4DHN JA7JM JA7MNF JO3WHB K4YYL K5VR KT4AC KW1DX N2KI N2ZA OH3OJ WA4MME XE1J*	202 BV1EK DL8DWL IK5BOH/2 JR1IZM N8WD NN9X W3NS W4RDX W7TUS W7VY WE2N	198 AG7N DJ0MCH IV3BSF JA6ENL JM1ESG K7PT KA1J KZ1W N3ND NN5E RA3BL VK6OZ W6SHY WA2VQV XE1FAS YV5LI	195 CT1ELF K3DFL K3NF K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO PP7LL SQ7FPH VE3YXO W3SB
207 9K2BM DG5LAC JA7MAD JE3EDJ K6ZP KE1VT M0HIH M0IKW N9AKR NW7US OE1JIS ON4ANN	204 JL1GYZ KB5HC KK8MM KM9E N7ELL VU2IBI W4GP	201 GI4OWA IZ0GYP K0MFI K2CYS N4PYI OH2LHE RT5A W1OP W6AEA	197 4X4MF BA4TB EA1DLU EA5HM F4WDL	194 A65BD EA5ZR K1LT KP3AH KR8T NJ3K SP6EY VU2LBW W4DC
200 HB9AGO HB9FBG IZ5FSA				

W5UHQ
W7PAQ
WA1NXC
XE1R

193

7L4VYK
AE4CW
DH3KM
I4UUL
IZ5MOQ
JA0AXV
JA1QIW
JA3PRM
K1JD
KM1C
LZ2ZG
NU4B
PY8WW
SM5ELV
SP5IXS
W8NN
WA9DU
WB6CJT

192

F6FYD
IZ7GIT
K6XN
KJ4UZU
KJ4YLO
N4XYZ
UR3EO
VA2IG
WQ5T
XE1EE
YB1TQL

191

AA4NC
G4XEE
HA5CW
IT9IPQ
JH1FNU
JK1AJX
JP1LRT
K1RI
K8QKY
KF2OG
N4DWK
N7MQ
NK7C
NO0B
OV5O
OZ7DN
VK2HV
W5IP

W8UQ
WB4DNL
WF1H
WI8R

190

AA4U
DJ9KV
EC7B
F4DSE
G3WW
HL4CCM
JA2ITK
JA3AVO
JH8KFE
JI2UDK
K5RKS
K5TN
K7UT
K8ZT/QRP
KD0AA
N3AIU
N6MXU
OT1A
SM0BYD
VA3OKG
W2OR
W9ROG
WA8LRW
WB4GLI

189

AA4UC
I0LYO
IV3KCB
JA1SGU
JG1SWM
K3HW
K6UXO
KY5I
N2MEE
N6NU
RM3DA
RN3CT
SM4BZH
W4AEJ
W5SUM
W6DPD
YB4CHP

188

EA7AN
JA0GCI
JH7NTW
JS6SCC
K2AX
K2DC

N2ZZ
OZ9XU
PY2RN
W0PE
WV4V
YO2DFA

187

4X6KJ
AF6PK
IK8GJR
KM4NS
N6VNI
W2CG
W5ZE
XE1YD

186

K1BZ
K5EWS
K5QX
K6EGF
KC6X
N5QS
W8RV
WA5IPS
WZ4RC

185

JK7LXU
K0KP
K3PP
K9AQ
KE5BR
KQ4EE
OZ3SM
UN7BK
VA7ZT
W0QC
W2WG
W6RKC
WV2I

184

AD6ZJ
EA5RU
IK0HBN
JA7FVA
K3JM
N5FEE
NW7M
SM2EJE
UN7BY
UT7KF
W6BK
WB2HJV
WB3BFC

WB5STU
WX0Z
YB1RUS

183

IU0ICA
JA2KSP
JA3UNA
JE4CIL
K6LRN
LA7EIA
NA2U
YB2TS

182

AE4M
I5FLN
I8LWL
IU8IYE
JA6SQR
JI1CQA
JK1DDG
K5DCW
K7LAZ
KG4JSZ
KL0S
KS0JD
LA5LT
N4MIK
N8NA
N8NB
NZ5O
VU3CAU
W6SFK
W7WZ

181

EI3CTB
IZ4AIB
JA1SZN
KY6R
N1HO
N6VS
N8AYY
NM1G
NV4A
UA9AEU
W6TK

180

A61BK
AA4AK
AD0K
DK1NAL
EA2AGV
JH1IZR
K8SL

N7VPN
NA5S
VR2XYL
W0MS
W4DSM
WA6EZV

179

DL5MHQ
IK1ZNM
JA1BON
JA3EEM
JH1XFR
JK1JAS
JR3ADB
K4WZ
KB7AK
KE5TD
KJ6NZ
KZ2R
N3KV
SP5ELW
TF3JB
W0UC
W0ZS
W1HS
W4CCS
W4TUN
W5JMW
W8QXR
WC0W

178

AA8KY
EA8AXT
G4DDL
IW0BYL
JA1ERB
K1ZE
K3VAR
KL7TS
KU1T
N4ST
N6DHZ
OZ1HPS
W7HUY
WB6AXD

177

4X6UU
IW8CGX
IZ2EWR
JE4RAL
JF1LZQ
JG3KLF
K0KV
K2JL

K2MK	N7NW	KW4J	EW1P	165
K3OX	NG9J	N8WRL	JA0PZJ	AG6HE
KF4VTT	TF3VS	NA6O	JH1ORA	CU3HN
SM5CBM	W5WI	ON6MX	JH3EQP	EI5JL
SP9IZV	WA4BIM	VU2MSA	K0PC	HK3PJ
VK2AAH	WA4NUF	W0MU	K0RAR	HL1VAU
W0IKD	WB8QZM	WA4DOU	KF0RQ	IK0XIH
W0JW		WA5KBH	LU8ADX	JE4WOK
W1AO	173		LX1CW	JF1KML
W4KVS	AB6CF	170	OE1ALW	JR1KBJ
WD8KND	AI9U	DL2JIM	R4FAN	JR6LDE
	DM6MA	EA3HDZ	SV1XV	K3VPZ
176	HB9DVZ	EI5KO	VR2MY	KG4CUY
DL6NW	K6UNE	EI6AL	WA9IVH	KG5NP
F4FLF	K8JE	JA1GVT		LA2XPA
G4AYU	KI6MQX	JG1GJH	167	N1QY
JH8FIH	LA9VBA	JG1RYQ	JA8BOV	N2RJ
JR1FHP	N7HN	JK1BIB	JE3FOR	N3KS
KK7YC	N9ATF	JQ1PCX	KA5JSM	PT2ND
KT8D	N9DR	JQ1YIW	KB8NTY	RA0BA
KW9U	N9IO	K6JJ	KD3HN	RL3BZ
LA4JGA	NC7B	K7CU	KE3X	VK3TC
N1JP	NX2X	LA2GH	KH6XT	W2FS
VE1VOX	SM0EUI	LB7ZG	N1ZJ	WB2WPM
W4LEW	W2PD	N3WD	N4PL	WB9PNU
W9WO	W4DTA	N4VN	N8JS	WC4X
WA3GNW	W7VAS	N6EM	N8OQ	
WD4IXD	WA7BNG	N8VV	PT2ADM	164
	WY7FD	NJ6W	PY2SEX	AC4BT
175	172	NX4TT	WA0SXV	CT3DL
AG5CN	EI1DG	OH3PYY	WA5NFC	DL7JRD
EA6UE	K5TA	VE1OP		EI6IZ
IW1PUR	KM4HQE	VE2YG	166	IZ0GVZ
IZ0CKJ	LZ1XL	W0OGH	AL7R	K6CF
JE3PCP	N3AO	WA4USA	DL1SVA	K6GFJ
K1ROA	N5PA	YO4AUL	GM7NZI	KA1API
K4WY	N7GCO	169	HL4XM	KB7QFE
KD4POJ	SP5ES	AC0DQ	JA1PVX	KD8MQY
KF6HI	W1ASB	DM3CW	JG3KMT	N2XQM
KN7D	W2NY	JA1KXT	JN4FNZ	N7WI
N7NG	W6FL	JE1PHH	JR6GHN	NA2P
NS3L	YB4IR	K0PX	K0FLY	PT7DX
UA1OM		K8ZZU	K7CTV	S50B
UA9AGX	171	K9OT	KN4FO	W6SIY
	AA5N	KI2D	KR4BD	W9CSX
174	AD3C	N4MI	SP7QHR	
AG4Q	CT2GZE	N5MT	SV2CLJ	163
DL5KUA	DL5MM	N6MB	VA7DX	4O3A
HB9HVG	F9CI	RD3BD	W4PGC	AA4OC
JE4KCN	JJ1BDX	SV1IZY	W8SAX	AD5MD
JL6USD	JS6QOM	WA6QGH	WA1ZIC	AI4QQ
JR3TOE	K2TV	WB8EKG	WA5NOM	DS4NPL
K1XE	K4NTO		WB3JFS	EA1AZ
K5CR	KB0V	168	YO3AIS	F4CPF
K7STO	KC5LK	A92IO	ZL3RJ	HA5BSW
K9HQM	KP4DKE	AB4GE	ZS6IR	IK2ULM
K9UQN				JA0MRW

JA4GXS	160	JJ1KXB	DK3QM	N0VVV
K0ABC	E70T	K4HQB	F6KOP	OH3FVP
K0CF	EA1WH	K8GWU	G0THF	SP5NON
K4GN	GM4KHE	KB2XJ	IV3TDM	W3DIY
K4OY	JA1ITJ	KC3AK	IZ0FUW	W8OM
KE1B	JA1UOA	KF7NN	JA0EBV	W8VK
KO4PRE	JF3VEC	KJ7NO	JA6SUY	WB4SON
KW4MM	JG2LGM	N0SL	K2DF	
LA1CO	JK1EBA	N4XMX	K4EZY	152
N0AMI	JK1NPH	N6MM	K4WM	AC6BW
N4KM	JM1JZN	N8TFD	KM2O	AK9B
N7KDT	JR1CAD	W0JMP	M0IFT	BX5AA
N9LEO	K7LY	W8LIG	NH6L	DF2WF
R3IS	N0IW	WB2RAJ	NO9E	DU1KT
SM7CZL	N4MEC	WB9ZNZ	NU1T	G4AFJ
VA2LC	N5WA	WT2P	OE1HHB	IK5BSC
W1OK	N8IL		UT7EC	K2EK
W1XV	N15F	157	W5SV	K4RDU
W4PGM	W1TO	AB2E	YB1AYO	KD2OV
W8MIL	W9FF	E20YLM		KE9S
WB9B	YO8CRU	EI2JD	154	N8IK
XE2YWH	ZS6RJ	JA0NZR	AC8TO	N9GKE
YO3DDZ		JA1UBZ	AJ8B	ON4LG
	159	JA3MHA	DS5WQT	R9JX
162	AA3AZ	JE3OUW	HB9ARK	W6RFF
4F1OZ	CT1ESO	JG1XBM	JA0GZZ	W7JET
AB1J	DD0VE	KN7Y	JA1IHD	YV4DYJ
BH4IGO	DK8IZ	N4QM	JA4HXF	
DJ7JC	EA1P	N6VH	JA8ANQ	151
DS3EXX	IK0WMJ	N7JB	JE6PJP	DF1IR
HS8KAY	JA0ED	N9AZZ	JH1AQN	DL4KUG
JR4CZM	JA4FKO	N9MB	JR3QHJ	J68HZ
K0SRL	JG1WNO	NJ6K	K5DXR	JA2BUR
KC4HN	JH1BHW	NZ3M	KC1ERO	JE1COB
N4BAF	K0IO	PY1NS	KL7NW	J13BFC
NP3CW	K1EDG	W3HKK	NE5W	K1IG
W4NBS	K4SAF		W4CIR	K1QN
W8FN	K8EB	156	W5TMC	K3GW
	K9QJ	EA3HPX	W8TM	K4DET
161	LA8ZAA	G4FTC	WA9MAG	K7LAY
HB9GWJ	N1MD	GM3WIL	WN7J	K9AAA
HB9MXY	N4GBK	HB9HHH		KE4BKL
HL3ERJ	N4VG	JA1CCG	153	KE8G
JP7FSO	NE5S	JA2ODB	HB9BEM	KK4CLY
K2OP	NF7D	JA9RT	JA3UOQ	N7MB
K4AR	OH3DP	JH2AJY	JH2NWP	NU4I
KM4A	VA3NXM	JL3DGI	JR7MAZ	SM0NUE
N7QT	W1EBM	JM1LPN	K0YL	VA3EJN
N7VZ	WD5BJT	K2HT	K3GO	VA3HP
NA6XX	XE1MW	KA9OKH	K8ROK	W3HER
OK2ZDL		N5QZ	K9MMS	W5WLA
SM3PHM	158	N7RD	K9UWY	W6WA
W5BK	9J2BS	NK7Z	K9YZ	WA9JWL
W5RDW	G4SGX	W1MR	KF9LI	WC2C
W6DOE	IK1UGX		KK4XL	
W9GG	IK3DVY	155	LA2IR	150
	IW0ECV	5P5Q	M0MCV	DK3BK

DK3FB	JF2AIJ	AA5TL	W7VS	NS0D
DL9SAD	JR3PKO	AC7JM	WY0V	VE3NJC
EI5GM	K5LY	AL7TC		W5VU
IT9ABN	KA3GWD	DL1MEV	142	W9BS
IW7EDZ	KB8ZUN	EA4S	AA4DD	WB1ASL
IZ2MHT	LZ1MDU	EA7LS	JA1PUK	WW6G
JA7GZM	PY2CP	F1OBJ	JI1UHZ	YB3MM
JR7XOD	VE6TL	JH1CTV	K2CJ	
K5HK	W4AFB	JJ1OKK	K3GT	139
K8WHA	W4AG	K5FXB	K9UO	F5VML
K9RT	W8VI	K9GWH	KA6BIM	F6FHZ
KI7M	W9GM	KQ5M	KV7N	HB9DTE
KX5U	W9MAK	KS0M	LA1J	HL4CBX
N0TK		N6KK	W8WV	K0QB
N6JOJ	147	NS4X		K2WJ
NM4SH	AB9KZ	W3DQS	141	K9TRV
ON6ZV	EI7GY	W7NP	7K3QPL	KX4I
SM0BSO	G3VQO	WR7Q	9H1AE	N0CKC
VU2NXM	I4JEE		EA1T	N2SG
W3KB	IS0/YO3RA	144	EI3ISB	N7UJJ
W4IDX	JJ0LZQ	AD0TR	HB9EXQ	PY2OP
W4NE	JK1OTP	DL6DCD	IZ3XEF	R9MJ
WL7OU	K3GGN	GM0VIT	K2JK	TA1PB
ZS1C	K5UZ	K1TKL	K4RM	ZL3TE
	K8MRT	K7QBO	K5VG	
149	KB1HY	K8OS	K8RCT	138
7N2JZT	KB9LIE	N5UE	K9AAN	AC5AA
DS4DRE	SV8RX	RN0C	KA5SYP	DL5KUT
ER0FEO	VE3FAC	TF5B	KA5VFU	DL5ZB
JA0JPD	W3NRJ	UY2UZ	KE7BMG	G0FWX
K2KIB		W0AIH*	KO4DKI	JA0CVC
K2RET	146	WB9W	N5JED	JA1VRY
K4TXJ	AE5B	WX3P	NZ6N	K2YSY
K9EXY	DM5JBN		SV2JU	K6CW
KD4EE	EA4D	143	W1ITU	K9BO
KM2E	HP3TA	AA4MM	W1NA	KC9G
KP4DS	JA3KWZ	AF3X	W3IZ	KF6A
N0STL	K6NR	EI7JZ	W5GOL	KU9S
NE0U	K8ARY	FM5DN	W6HDG	N0LD
NU4Y	K8POM	HB9AAA	WK9U	N3PV
NZ0O	KB9AIT	JA1MOD		N5RN
RT0F	KM8AM	JF2RSF	140	N9BVA
TF3Y	N6FS	K2OO	AD9DX	OD5YA
UA9MC	N6RK	K6LPO	EI6JK	OE6BME
W1DAR	N9MR*	K9BQL	K0UBR	PV8ABC
W4DWS	NJ1Q	KE4FW	K3HPA	V31CQ
W4MA	SM3DXC	KG6D	K4AU	VE3MSC
WA1EHK	TF4M	KJ2U	K5GZR	W0UHL
WF7T	WA2MUA	KJ4R	K6EV	W4EJG
	WA3SKQ	KN7K	K6GCN	WA1LAD
148	WW8RT	LB2TG	K7VC	WA5POK
4F3BZ	XE2B	N2YBB	K7YMG	
A71AM	YB1BML	N4UP	LA8PDA	137
AE0MO	ZS6UT	N7ZA	LZ2HM	DL2RD
AI6P		TG9AJR	N2TC	G3PSM
F5NNN	145	W4JVN	N7TW	HL1MKT
IW5EIJ	5T5PA	W4UFO	NR0Q	JH1SBE

K2CDJ	WB3AVD	W9SE	K2MHE	UR9IDX
K2RKJ	WB6FWS	WA6MRK	KI0HA	W0QD
K6IRA	WB9IWN	WB1S	KN4JX	W5MF
KP4N	WO5I	YO3GJC	N2YF	W6IS
N9NFT			N5JEY	W8BI
NI4Y	134	132	N7TM	W9EBO
OE3JAG	AB0RX	AA4FU	NS4F	W9TO
PY3OG	DL4ZAB	AK3E	OZ6TL	WA4UWD
SM5CSS	EA6AZ	AK6I	PU4MMZ	WC4V
SP3EPG	IZ8DEO	I8NLC	W1MO	WP4CQ
TA1AL	JA5SEY	IK8OZV	W2FDM	WQ1H
W2GGY	JA6GXP	IZ0COI	W9CTJ	ZS6AKU
W4UEF	JR0GXA	JA9KRO	WB8RFB	
W9MR	JR1HYA	K4BNF	YO8PS	127
WA0WOF	K3KY	K5SES		7Z1HL
WA5YOM	K7FL	KD3UY	129	AG4TO
WG0G	K7RAN	KG8OU	AD6KQ	DJ5DT
WS1F	K7YZO	KI7HO	AE7U	DL9GTB
YB2IQ	K9JDP	KK5ID	DS4EJA	EA4TX
	K9SUH	M3DFW	JA0AVS	G8BCG
136	KA9JCP	N3TR	JA1PLT	HB9TJG
AC9GK	KD2SC	N4EDT	JA2ACI	HK6K
G0OSK	KF5WCP	N4QOG	JA3WMS	I2YPY
IS0EBO	KN4OK	NN3V	JH1RFM	JA0BES
KB8KIM	LB5GI	ON6YH	JN1SUT	JE2VYM
NT5EE	N1AH	SM7DXQ	K7ORK	JG1LRE
ON5GF	N6XT	UW7UA	KB4KBS	JG5DHX
ON5RKN	NC6RJ	VU3WEW	KN4WOJ	JH1HRJ
VE3FRR	PA0QRB	W3KHZ	N9AVC	J11MNT
W0ANZ	SM3WMU	W4MC	SM2YIP	JR1LZK
W4GH	W2KNG	W5FL	VK5CE	K2GW
W4PV	W4UAT	WA1HXX	W4BH	K7LFY
W7KKC	XE2AD	WA1KXV	W7TG	KF3N
W7SX		ZS1EL	WU7X	KS8W
WX2K	133	131	XE1ILI	LA2LI
	7J1ABD	JF2OHQ		N0AB
135	DL8OH	JH1IY	128	N0DL
AA5H	G4NBS	JK8VMB	A71XX	N1BZ
AB4FH	GM1BSG	JM1CMA	EA1AHA	N3GTG
DL6WM	HB0WR	K0ARM	EA3NG	NA1RL
GM5YTT	HK4EB	K7GA	EI3IO	ON5EQ
HZ1GW	JA5IBP	KA5IAU	F4GTB	VE3EDY
JA1DCK	JM1JIV	KB3IFH	HL2DBP	VU2TMP
JA3MIO	K6ME	KD2NF	JA6NQT	W0MF
JA7MWC	KC2STA	N0AKC	JH1AWJ	W3KN
JJ1HLL	KG6WIK	NG4DX	JH4GXE	WA2BOT
JL2ULM	KI4TZ	NN6K	K6OJ	WB2KSP
K3WGR	KR4DA	VE3NKS	K7PTC	WB9TFH
K4OP	LA9KY	W5EC	K9YKL	WC2L
KC3RKW	N1BKB		KC2WUF	
KC9WPS	NT9F	130	KD5R	126
NX8Y	OH4KRN	AA4QE	KG2U	CU7AJ
S53MJ	OH7HM	DL1SWN	LU6XQB	DS3EXT
W5IO	VU2ABS	JA2LMY	N0JR	EI4HH
W7QHE	W1GY	JH3PRR	N5EI	IK4TVP
WA7HR	W3MF	JL4BSE	R3BB	IU8GNY
WB1DX	W6OUL		TF3MH	JA5CDL

JA5XPD K2GLS K5KDX K5WRE K7PO K8GT K9QA KC5RR KK4CB KM4CQG KS4WA N1GNB N5HC N8YQX N9XG VE3TMG VK2DAG VR2VGM W7FI W9COS XE3E	JA3AOP JI1DMH K3SUI K6VVK K7HC KB8DID KC2NJ KC4AA KD9ZR KE8NOA KK4TKJ KV8P N0YO N4LSJ N5VBK NT4K W0DD W6ELI W6ND W8PAT WW5L ZL3REX	122 AA0BH AA5B AB5YI DB4RG G0HSA HC1HN IU4BJC JA9ALR K0HQW K1AJ K3DQB K4VAC K9KJ KB4ET KN9N N1ZZ N4GRC N9ATD UT9LC W1ES W1HEO W1KKG W5HNK W6HB WF5I XE2MX	W4CC W4KCM W7PC W9MB WA7HQD WB7BBQ WQ8T WT3Q WU9D	ON8PHD SV1BYI SV2KF VK7AP W1ZK W3MRL W6ZPL W8EOG ZL2AO
125 AC4XO AF8C EI8GS G4EHT IK8PGE IZ8EYN JP1GVC K0MD K5NOF K9ARZ KK5J KK7BR NA7RH NN6CH SM5AFU W0XE W3ATV W4AO W5CWQ W6PG WA4TMJ WM4AA WR2G	123 AB4BJ AB9BH AE5FM AI5EG DJ6OZ DS4DBF G6NHU IK0XKP IZ8LMA JA1GLE JA2HOL JH1RVQ JL3RNZ K2JGL KC2THY KD0KZE KG4OJT LA2XNA LX2SM N1GFV N6DVR N9RE OH3TY PY2ADR SV7CUD VE3VHH W2ARP W2WGK W4UT WB8TGY YB9WZJ ZS6NK	121 5H8HZ AK0A DL7UGO DS4OMS HA2EQD IK6BMU JA1CPN JA1EYN JA1WTO JE2DOD JI5WDC K1LTJ K3CWF K9MQ KK4ODQ KU2A N3ER N5ZY NA2R NA4MM NY4G OZ6EI PP2FN TA1L UA0FDX UR5FLN W3/NH7C W3JXP	120 AA2T AC4TO AE5LK AI2S CT7ABD CU2CE DS3DNT DS5QLJ F5AQB IK8IPL IT9JPS JA1DCO JH5OTE JJ1XVA K3QB K5TU K9CHP KJ6Y KM5VI LU3XX N0TR N1TQP N2SO N3DV N3GS N4UFP NJ8G NR2D VE3QAA VR2ZXP VU3RGB W1RG W5RYA W6GJB WT5L YB0AZ	118 6K5AQY AE1T AJ6X DJ9KM IZ0RPS IZ1JIZ JA2KPW JA6CMQ K9KJS KA9JAC KB3KJ KD9BIE KG5VK KM6WXB KX6C KY6AA LZ1XZ N3HYB N8KUS NA9L VR2CC W4VG WA7ZXD WA8RCK WB5TOI ZS2I
124 7L3SQL DJ3EJ EC4KW EI8IQ G4RGK IT9YOZ IZ0FYW IZ1UKF IZ5BYJ			119 DL2VWR F5BAR HL2MHU JA6JYM K7LOL LU9DO N6DW N8LCU	117 AD7L CE3FZ F8EZE HB9MZI IS0BZR IZ7QFN JA8WGX JA9KA JM3GXU K0FF K4AEH K9LCR KA4AHU KB2S KB5CSQ KO4PY KP4ED KZ1X

M0NGN	NE1RD	K2KNB	111	W1ZZ
N8AGU	NG0G	K4JDJ	AD7XG	W5JE
VE7NY	NW6V	K4JLD	AJ6V	W6TCP
W3LWH	OE5MPL	K4TR	AK4N	W7YED
W4ARK	SP5BMU	K7BWC	EI9CN	W8TE
W4PG	W3UNX	K7MO	F8DZY	W9GFB
WB9WHQ	W4OV	K9DUR	G4ZWY	W9JJ
YO6HOY	W5WS	KA5OWI	HB9ECS	YB1SKR
	WB4MM	KB1OIQ	JA4DLF	YO5QAW
116	WJ5K	KB2TGU	JA5EEU	ZS5LEE
6K2ILX	WS4H	KC0V	JE1TNL	
AA0FT	114	LU3JVO	K2KYH	109
EA5GXI	G3CWW	S52R	K5NV*	AA4RX
EI4BZ	HC1HC	SV2DSJ	K8ZEE	AC8AZ
G8GHD	I0BJV	VA3AYA	K9JIG	AF3K
IZ2CSX	JA1CCH	VK7ZE	KI2Y	DL9QJ
JT1CO	JA1CPU	W1FC	N4NYY	F5DBT
JT1DN	JA8EIA	W3JM	NT5O	F8DHE
K1EO	JG4OOU	W6BBS	PT7CB	G0MMI
K4GHS	JM3XZC	W7CD	TA1UT	JA1QEY
K4LCP	JR4DHK	WB2UFF	TA2RC	JA5GOJ
K8JRK	K1RE	WB9YJE	TA7AZC	JA9IWR
K8MN	K2IRM	112	VA6SZ	JH4GNE
KC1RET	K3PL	3C3CA	W7WT	J11ZS
KD5RBU	KB1W	7Z1CQ	W8PE	K0FD
KQ5S	KI8AE	DL5FAC	WB8PKK	K4AEN
N0ATQ	N3DD	G0DTX	WU4B	K6JAD
N0UCR	NA1DX	G3YFE	XE1ZTW	KB3Z
N2ZL	NG8T	GM0SCA	110	KB7DT
N4KEB	NK5K	IK4EWN	AC0B	M0AQM
OE6CLD	W0QKL	IS0BQE	AG5Z	N4LS
RW6MBC	W2ZK	JA4RED	CT7ANG	N4WD
SM1NJC	W8LR	JF3AHI	DK4MX	N6RVI
VR2IL	WD0AJG	JH0LME	EA1BLA	NN8L
VY2RU	WN0L	K0XM	EI9HX	NW6R
W0LGQ	WT9U	K4HEB	G4VWI	NX1P
W1HQ	YB2BNN	K4ZMV	G6MXL	PF7M
W7WES	ZS4JAN	K4ZRJ	HB9BEP	PV8DX
W9LU	113	K8CJY	HG6IA	SP7ASZ
WA4VJK	AB1NS	K9KDS	IZ1EPM	T88UW
WW5RC	DL2DCX	KH6P	JF3KOA	VU3WUA
115	EA5DPL	N0OK	JH1FRW	W3GP
AA9WO	EI2FG	N8AID	JR2PAU	W4JDS
AF7WM	F5EOT	NQ4A	K3MSB	W5SG
E74A	F8GB	NZ7Q	K4KAL	W7CB
HL4RBR	G0UII	S51DV	K4RP	W7VP
IW2FLB	G4NAQ	SP2LLP	K6DJ	WA6URY
JA0NPQ	G4YCS	W1USN	K6SLO	108
JH8LEY	HB9GZE	W3WN	K9TVG	7M4CLF
JJ2VLY	JA2CPD	W4LLP	KF8PD	AC8MR
K8CR	JA4CSJ	W5GCX	KN6HIP	AC9DX
KB4CRT	JF1AZQ	WD8LTM	KV3W	DB9CR
KB7V	JG0HEW	WF4W	N1TQ	DL1TPY
KG4URP	JH1GNU	WJ1B	N3YZ	DL2AMD
MM1PTT	K1JKR	WN1M	PV8AJ	DL2NAI
N7PIB		ZL3PAH	TF8GX	DM5TI

DU1IVT	KI0KN	NI7F	YU1LD	103
E70X	KJ4FZ	NS7K	YV4EH	AF8P
EA5XV	KR4U	PT2DF		DS5JMG
G5CL	LU5OM	PY2OC	104	EA2RY
IK1RKN	N0MHL	UA0ABB	7N4OBV	EI9GLB
JA2DCN	N1UZ	VE3BHZ	AA2WC	FM4LV
JA2KGQ	NC7M	VE3XK	AA6XV	HB0RER
JH1OVY	NI8Z	VU2MB	AB5GU	JA7HYE
JR4NUN	OV2B	W0TLX	CT3DZ	JF1KIG
K1FUG	PP5VA	W4/KL7GLL	DD8BA	JI1FXS
K3XO	RM6LW	W6KF	EA4EJP	JP1KHY
K8LBT	SV3EXP	W7GB	EI3HA	K0OOK
KC8YG	TA1CQ	WA3IIA	EI4GNB	K1FBI
KE3ZT	UX5XK	WA8Y	F6ARS	K2RNY
KE7AUB	V31MD	WV4E	G0DRM	K3PIN
KI4SFT	VA2GA	ZL3RIK	GW0ANA	K3TXW
KJ2AM	W5HY		HA5DI	K4NI
KJ4SKO	W8JA	105	HB9BMY	K4PWS
KO4XI	WB2BXO	AA2F	JA1CC	K4SAW
KW1X	WB2MKX	AI1W	JA1DHY	K6XJ
LU2AH	WM4W	AP2IA	JA1RBY	K7HV
N2IFA	WS7I	DL9GTK	JH1MYJ	K9WMS
N3TTT	WU1U	E29TGW	JI4HKA	KA7CVJ
N5FPW	ZP6CW	EI6GF	JQ2MPJ	KP4DDY
N5TW		FM5FJ	K0BRO	KQ6K
N7TP	106	G3LOJ	K1TWF	M0UPL
TF1A	AB6WQ	GM1TBW	K2CQW	N1MIE
VE7VV	AC7DX	HL4GHT	K4WW	N8URE
W4DVG	AC8IL	JA1JYS	K5JUC	NB3R
W6CN	DS2GOO	JE6UWU	K7UW	NI5G
W7SMW	DS5MNO	JJ2BLV	K8WVA	RX3BP
WB5ZAM	EA3AGY	JK1AIA	KE4YOG	VE7XT
WC4B	EW4DX	JK1AKA	KE9V	W0PPA
	F5VIF	K0MB	N1FOJ	W2SUB
107	F6JSZ	K1ETA	N3PW	W4CU
AB7RW	G0OJG	K5WE	N4PAJ	W7KHZ
BG8PA	G0RPM	K7CMZ	N4ZR	W7UV
DJ5FZ	G3LPS	K8FB	N8TEM	W8EH
DK2GP	HI7SB	KJ8N	N8WXQ	WA8KNE
E73D	IZ4IRO	KK4MA	NA8W	WC9C
EA2BFM	JA3FRI	KZ4EX	OM6CI	YB1ALL
EI5GSB	JF7NNI	LA9JKA	OZ9U	ZL1IM
G4FVZ	JJ1IRS	LZ1JZ	PY2YW	
IC8XIL	K6VWE	N2YU	R6TY	102
IW1PVT	KA1CTL	N9APK	RV4LC	4X1VF
JA3MAT	KA9TOX	N9IXD	VE3ZN	5W1SA
JE1CTA	KD2RUY	NC1M	VK3MB	AC0XY
K0FJ	KI4NSP	NK7L	W0VU	DB2WD
K2FJ	KM8V	OH6IH	W5PD	DL4FDM
K2ZD	KT5V	PV8RR	W9GXR	IC8SQS
K4LQ	M0PCB	VU2DED	WB4HMA	IZ7QSS
K6DLB	N4DJT	W1MRH	WB7QXU	JH1IHG
K7UWR	N6UOZ	W1PY	WF8Z	K1MDA
KA4LBD	N7MW	WB8LEM	WX0B	K2DH
KB0EL	N8OYY	WD4OHD	YB1BUL	K2DW
KF2G	N9ZJ	WK3A	YO6HSU	K4HR
KF6XA	NG4C	WZ9B	ZS6HON	K6BLG

K6JAV	K5HX	AK4AO	KE1IU	WA6VZN
KA8HDE	K8PGJ	DB6VH	KF5MDZ	WB0RXQ
KB1AWM	K9GL	DC1TK	KF5TL	WB2AA
KO3F	KB5YN	DK1MCS	KF9EX	WB2ZEX
N2CJN	KC3OPI	DK7GH	KG4IYS	WB6RAB
N2FY	KC4ZA	DL3ANK	KI0G	WB6RJH
N4IR	KE9UA	DL5JH	KI3O	WD1M
N8KOJ	KG5POL	DS4GQR	KI4PG	WD4GZW
NA4D	KJ5RC	EA5PS	KK6MF	WI0E
NN5O	KU4A	EI2HZB	KL2R	WK7W
R9GM	LA3ANA	EI4DQ	KL7XO	WM4D
S51MA	M0PTZ	EI4GJB	KR4Q	WM9Q
SM0XG	M5LRO	EW4A	LA4EI	WU1T
US8ZAL	N3CAL	F5JWH	M1EMC	YB6LAY
VK2GR	N4PF	G0GFC	N0JX	YE1AR
W1GF	N8ERL	G8GFF	N0KM	ZS1IS
W4GHW	NC8I	GW0KRL	N0VTZ	ZS6CR
W7FS	NJ2X	HB9HFM	N1KI	
W7HJ	NZ1I	IK7NXU	N3NVA	
W7IMU	OZ5JQ	JA7PKV	N4GOA	
W9GWP	PA3AIN	JE7KCI	N5CR	
WB4PWZ	R2ARR	JG3LDD	N5LJL	
WB7QBS	RZ6MJ	JG5VFK	N5LKE	
WD6T	SV2BXA	JI1LLD	N7WFK	
WD9IOK	SV4FFL	JN1RFY	N7WR	
WN9A	TG9AKH	JR4VEV	N8HM	
XE1SAX	UA4PK	K0FTC	N8XS	
YB0EIN	VK4BUI	K0JDD	N9MKC	
YB9AY	VU2OT	K1HC	ND0B	
YO6BHN	W0ZX	K1JX	NE3K	
ZS2ACP	W2FDJ	K1PTF	NX6D	
	W2GHD	K1XO	OM2AGN	
101	W2GM	K2UF	OR4K	
AA9D	W3RMS	K2UT	OZ1GCT	
AB2NI	W3SW	K3NO	OZ9GA	
AB4EJ	W4PM	K3RRR	PY5VC	
AB8YZ	W6OU	K3WSU	R2AB	
C31MF	WB5KSD	K4GM	UR8IDX	
DD9WG	WM5H	K4KYN	VA2EU	
DL3XAC	WU6K	K4KZM	VE1JF	
EA4OR	WX7B	K4QS	VE3KKB	
EA4UV	XE1AO	K4RSA	VR2PX	
EA8TZ	YB8HZ	K4TMG	VU2OY	
G3VDB	YO2OXD	K5KEW	W0RMS	
G4GEE		K5LLA	W1MJC	
G4PUQ	100	K5MMH	W2MW	
G8GNI	2E0XAR	K5PSN	W4CG	
HB9PUE	9M8DEN	K5VSD	W4DFU	
IK2HLM	A41ZZ	K5YE	W4YR	
IU2LFP	A71EM	K7VL	W5YKU	
JA1KZP	AA7UN	K9EA	W6OZI	
JA5ALE	AC0DH	KA2F	W9KM	
JA5JUG	AD4J	KA4H	W9ZT	
JK3NSD	AE0SQ	KB4DSL	WA2ALY	
K0GEO	AE4VJ	KB6IGK	WA2VJL	
K3AXB	AF9W	KC5N	WA3UTC	
K3LA	AK1P	KD1DT	WA3YZD	