

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 18 Mar 2019, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348 K2TQC	N2TK OZ3PZ W3UR	336 I4LCK JA1WPX SM3GSK SP9FKQ	W9IXX WK3N	OE6IMD PY4OY WD5COV
346 K4CIA K8MFO W1JR W4DR	340 DJ2BW JH4IFF K4MQG K4UTE K9QVB SP5CJQ VA3DX	335 AA6YQ JA3FYC K5NA N0XA N4KG* N5UR OK7GU W0BV W2YC W3LPL	332 AG9S G4BWP JA1BK JA4DLP JQ3DUE K1ST N2LT PE5T SM6CVX SP2FAX UA4HBW W5BPT	329 DJ9HX HA5WA IK8HJC IT9DAA JA2JW JE2URF N5AW OK1MP SP3EPK UT7QF W9RPM WB9Z
345 N1DG N4WW SM3EVR SP5EWY	339 EA8AK IK1GPG JA4DND K5UR N4CH N6AR NN4T PA3FQA	334 K3KO* K4HGX K4XO K5RK N3XX N4XM SM3NRY SP8AJK W0MHK W4PK	331 DF4PL K3UA N5ZM R7LV UA6A W1YY W2LO W5OZI W8UVZ	328 AA5AU DJ2YA DL7MAE F6BKI F6EXV HB9BGV I4AVG IV3JVJ JA2KVD K1OA K8SIX SL0ZG SM5AQD W5FKX YU1FW
344 HA0DU OH1XX OZ1BTE OZ1LO SM0AJU VE1YX W3YX W9ZR	338 4X4DK DJ9KG JA1UQP JA5EXW N4CC VE3EJ W1DIG	333 DJ9ZB JA2JPA JA5AUC JR3IIR K2PLF K6YRA N4AH N8DJX PY2SP SM5CEU VE3XN	330 DF3GY DJ8NK JA1ADN JA2FBY JA3EMU JA4LKB JH4UYB K0IEA K4XP N4JF N8JV N9IW OE3GCU	327 AA1QD G0JHC JA0UUA JA5MHD JI8DGO K2FF
343 JA2VPO K3FN N4MM PY2XB				
342 DF3CB K4PI				
341 DJ6RX G3KMA I4EAT JR2KDN K4DY KF2O	337 AA1V CT1EEB DL4MCF K9NU N0AT N8DX W7UT			

K4QL	K0CA	SM6DHU	UA3AP	SM4DDE
K4ZYU	K5EK	SV1RK	W4UM	SV1DPI
OZ1CTK	N8BM	UA4CC	W5WT	SV1JG
PY2YP	NO8D	W3GH*		UT9FJ
SM2GCQ	OE8HIK	W3NO	317	W1ECT
SM5DJZ*	PY5HOT	W8GC	DK9KX	
VE3FF	SP6CIK		G4CCZ	313
W5XX	W2IRT	320	JA9APS	5B4MF
WB6RSE	W9OL	EA5BM	JL1UXH	AB6QM
		G0DQS	K1HTV	GM0GAV
326	323	G3TXF	K2RW	JA5IU
DK5WL	CT1IUA	HB9BIN	K2TE	JF7XKY
EI7BA	GM3POI	I2EOW	K2VV	JR1BLX
F6AOJ	I4MKN	IK6DLK	K6YUI	JS3CTQ
G3XTT	JF1KKV	JA1SJV	KD5M	K6TA
IK5HHA	N5TY	JF1WPB	N1NK	N2BJ
JA0EOK	SM4DHF	JI4POR	OH2BLD	N8KOL
JA1HGY	SM4EMO	K1LD	SM5KNV	OE1AZS
LU2NI	SM5CZQ	K4CN		OE2LCM
N4JJ*	W4DKS	KF0QR	316	
N7RT		N4DW	AD5A	312
NJ6P	322	ON4IQ	DJ4AX	AA4V
NR1R	CT1APE	PY5EG	JA7MSQ	EA2IA
RA3CQ	CT1BH	SM6CMU	JH1GZE	JA4FKX
RU3FM	EA3GP	SP5DIR	K2UO	JH2FXK
RZ3AM	EA5RM	UY5ZZ	KQ8M	K4HB
SP3E	G4OBK	VE3EXY	RV3LO	K8PT
SP7GAQ	I0WDX	W5TCX	UA3DPM	N5ORT
SP8NR	IK4GME	W5ZN	VE2TZT	N8RR
W8DCH	JA5WIZ	W6XA	W7MO	ZS6EZ
WA1JMP	JA7KY	WB4TDH	W8OI	
WJ4T	JH1TWT	YO5BRZ	YO7LCB	311
	JJ2LPV			A45XR
325	K0DEQ	319	315	FK8CP
DL1AMQ	K0EU	AD1C	9H1SP	JA2XYO
EU7A	K5KC	DF2RG	JA8EAT	JA4MRL
EY8MM	KU0A	HB9AMO	JA8RJE	K3WA
GM3YTS	N4NX	J11DHY	JH0INP	KE9L
IK4DRY	ON4CD	K6AM	JR2BJE	KV7K
IZ5EKV	R3OK	SM6CCO	K4IQJ	N4PQX
JA2FJP	R7DX	UA3AB	K8YTO	UA6MF
JA5AQC	VE1DX	W7AO	OE3EVA	
JG3QZN	YO9HP	WI8A	PA3EWP	310
JS2LHI		YV1DIG	SP1JRF	EA7TV
K4MWB	321		SP7VC	F3SG
K9CT	AA1ON	318	UT7UJ	G3VKW
K9EU	DL2OE	AA4HP	WX4G	K5BG
PY2BW	EA5BY	AB4IQ		K9IR
W0DJC	I5NPH	G4PWA	314	KG8P
W6RLL	IK4BHO	K6FG	G3NDC	LA5IIA
W9OP	JA3AZD	LA2PA	JA2AH	N5XZ
	JH3VNC	N4DB	K4UEE	SM3VAC
324	N6JV	OZ1AXG	K5AQ	SP6HEQ
AA7A	NI0G	R3VA	KC9ARR	W0YG
DL5DSM	NN1N	RA7A	OE1ZL	W4BP
I4EWH	OE8RT	SP1S	ON4IZ	WA2VYA
JA2DPC	RG4F	SP6M	PY2NQ	YU3AA

309 DL5WW IK4DRR IK5PWQ K1HT K7NN N3NT N5OK ON4AOI R9TO RX3AGD UA4LY VE7IG*	W2MF	HK3W I2MQP* JA1LSP JA2BDR N1IBM N4II NS6C W4QN W5XC WA5VGI WB5JID WP4U	KG7H KT1J MD0CCE R9FM W7CT	SV3DCX UA9FAR
	305 DJ4XA JH8RZJ K2SHZ KC6AWX NU8Z NY0V PA5TT RA9CMO SP3CGK SV1FJA W3KX WA8WV WD9DZV		296 DL5EBE EV1R EW2A JA1GRM JH1IFS JN3SAC LA8PT SM6BZV SV8CS W9JA	292 A19L DL1DUO EA5AT IK8YTA K7ZD KB1JZU N8II NN4SS R6AF RA3QK UA6YW W6SR
308 DL2CHN JA7IC JF3KON JJ3PRT K0GY K2LS K5DU K8QM KN5O KS1J N4QS NK1K R5AJ UR0MC UX1UA VA5DX W9ILY W9MU	304 CT4NH DK5AD IK2QPR JF1PUW K0JUH K8AC KB0EO N9RS R7FK SM3NXS UY5AA W8HW	300 JA9AA JR9LKE K4SE K8GG K8TL K8VFF PA3CSR UT2UB W6TC		
	303 DK1FW EA3GHZ G3LZQ IK4PLW JA1ANR N7US RW4NN SP7ITB WT8C	299 HB9RG JR6FC K5WAF OZ4O W2JU W5CIA	295 DJ9ON DL6CNG DL7BA DM2DXA IK4ADE IZ5RVG JA2IVK JR7VHZ K5ZK K8VC RU3QR W5LT W6ENZ	291 AC0A G0EHO HK4SAN K0KVR KP2A N0RB N2TN W2GG WA4FFW
307 AA5AT CT1DKS JA2XW JA3GN JJ3HGJ K1BD K8OM NI6T OE1WEU PY5EW SM5JE* W1GL W2QO W7OM	302 A65BR DJ5JH F5CQ HL3IUA K7ZA KA9CFD LA7AFA SP1MGM W3LL WD4LBR	298 HB9DDO IK0PEA IZ0AEG JA4ITW JA6BZI JL2JVX K6KLY K7WP N5DG SM6CUK W0VX WB9CIF ZL1BYZ		290 AA4A AA8OY AD6W EA1EVR EA6NB IZ3ETU IZ4MJP JA1KQX JO7WXN K2UU KC7V LA2QM PY2XU RW3RN UN7TW WB8BPU WB9EEE
306 DK2JX F6DAY I3BUI I5HOR IK2YCW JA2JNA	301 AE5E F2JD	297 5B4AHJ G3SVD JA1EOD JA7JWF JE7JDL K2PK K8EUR K8GI K8WK	294 AB9V DL4CF DL6KR IW0SAF IZ8FFA JE1GWO JE1SYN K3XA K5MC KZ4V ND0N W1SKU YO2RR ZS1LS	289 AB3CV DL9TJ HB9DDZ HB9SLO JA8EJO JF8QNF NN4R R0FA RN3QN

SP8HKT VU2NKS	284 JA0DIN JA3DY* JA7QVI JE2OVG OE1WHC SM0CCM UN6T W2AY W4FQT W5ODD	280 JA1QXC JA6TMU K9MM KI0KB SM5CZK W7AL W8LGJ WE9R ZS2DL	ZL3JT	W3AP
288 JA0CRI JG1WSC K8FL SK3PY UA3AGW W1YIF W1YM W2LE W9YSX	283 HP2AT IZ2AMW JA1IZZ JA2ZL JA3RQ JH3SIF K6FW OE8SPW RM0F RU6L W1LW W6BJH	279 EA6VQ HB9CEX JA1XEC JE2LUN N6UK RA0FF UA0BA W6YI	275 EA3KU GM3YOR JA2FGL JA2JRG JA6VQA JH4ADV K9ZO LA5LJA N9AU PA7RA W7BEM	271 DJ5FI IK2DZN IK5PWN IZ8EJB IZ8FDH JA1SSY JE6TSP K3PU LA8HGA NE1B ON4CAS
287 9M6YBG AA8LL GM0AXY K3PA KK0M PP1CZ R9SA SM5ARL SV1GYG VE3CFK W4YCH YO3APJ ZS2EZ	282 EI9FBB JE1LFX JG3LGD K4XD K5UO LA3WAA SM4CTI W6XK W8AV W9RN WD0DAN	278 AA5AM DL1TRK EA8RR F2NH JH1AGU VE3CRG W2NO W3GQ W8MHW ZL4TT	274 EW1KP GM3PPE IW0HOU JG3SKK JH1IAQ K3PT K6UM KA8ZPE N7KA UN7LZ W0EWM W6PJ	270 AA4R EA1KY EA8AKN F9XL G4GIR HA1RB JF2UPM K1DT K1RO K9JF KD0Q KD3CQ N7RO VE6LB
286 AB5A K1LPS K6SIK K7ZV LA7JO PY2VA SP7HOV W2LK W8AXI WA6F	281 4Z4DX EA5OX F3AT G0BLB JA1BPA K0AZ KM4H LU3CQ LU8EKC N2WB N5GH NT0V SM6CTQ W1EQ W8BBQ	277 AD5Q HB9BOI JA2ATE JA8EOT JE1DXC K2AJY LA5HE S57AT UW2ZM WT4Q	273 CT3HF DL5CW IK2RPE JA6BEE JG4AKL JR2UBS K2UR LU4FPZ N4IG OZ1ACB RA1QD SM0NJO UA3ECJ WA3AFS	269 EA3WD HB9LCW IK8EPC JA1VLK K7UA K8BL N5MOA OM4EX UA3TT US5WE VE3EK YB1AR
285 AA8CH DL2SWN EA3GHQ IK5RUN JA1XCZ JH4JNG K6GXO K6PJ KG4W N0KV SV3AQR UX0FF WK7E		276 IZ5BAM IZ8XQC JA7FWR JA7LMZ JA8LRG JE8TGI K9NW RX4HZ SM5CLE W3BW W5GO	272 AF9H DL1SMA DL2VPO F5UJK HA9PP JA2TBS K9US OE5FIN PA0ZH SV1ACK W2OO	268 IV3YYK JA1NWD K1AR K1MAA K3WW K4SO KD4W KJ6P N2AJ OE5BWN SM6BGG

SV9AHZ	W3ACO	RW3FR	253	W9RC
W1VT	W8RLS	WA5LFD	I5OYY	XE2D
W2GPS			IV3TMM	
W7DO	262	258	JA6IVR	248
W8QZA	AA4FL	DK7YY	JH3GCN	HB9DOT
WA1YTW	CU3EJ	EA8MT	RU1AB	K1ESE
WL7E	I5REA	K5DHY		K2KA
YB5QZ	JA8BAR	NI3P	252	N7BT
	JR3OEH	W2FV	DJ8NT	SV2DGH
267	K0TPP	W4LSC*	G3KWK	W5VY
JH1NYM	K8AV		G3NKC	ZS1A
JH1SJM	K8NVR	257	JA1BNW	
JM1FHL	KB8VAO	DJ0UT	JF3PNQ	247
K8UT	ON5UE	DK4TP	JH4CBM	DL6JZ
N8PW	PA7TWO	K0BJ	JL1BYZ	RA4CA
R8TX	W7LGG	K5PS	N4QQ	W5PF
SM5BMB	W9PZT	NA5DX	N7IR	W6RS
W3RJW	WA3GFM	OE2GEN	W2OIB	XE1KK
W5AJ	WB2GAI	SA0AQT	W7CA	
	XE2CQ	SM4AZQ		246
266		ZL2IFB	251	BA7IO
JA2WYN	261	ZS6NJ	JA5BGA	I1EIS
JA7BWT	CU2AP		K8CW	IV3KFB
JN1BMX	DK8MCT	256	KR4F	JA3VPA
K8AJS	K2FW	EA1AST	LB8DC	JJ1SKG
R5DT	SM5FWW	EB3CW	N4SC	JR1DUP
SM5FUG	SM7CQY	JA9IFF	N5LZ	KE1F
WB3LHD	UT7UV	JM2RUV	N5UL	W5ZO
YO2CMI	W7QDM	M0TTB	NW7E	W8IQ
	ZS4TX	N5KM	W1ZT	W9FR
265	ZS6WB		W2ZI	
F5PBM		255	W5GAI	245
JA4FM	260	4Z1UF	YB0COU	CT1DOF
JL1XMN	EA9IE	AI6Z		HB9IQB
K2CBI	FG5FR	IK2PZC	250	IK4AUY
N9JV	JR4LNG	JA1OVF	9A4W	JO4CFV
SM5ENX	K7LJ	JA6WJL	EA7SG	JR0EQQ
	K8YSE	JF2XGF	JA1JAT	K9YC
264	LY1G	JK1OPL	JA9GPG	KB1EFS
EA1KP	N5JB	KH2L	JL1MWI	KX4R
F6DBX	N6MZ	KS3F	K3UL	LB2TB
JR6LLN	PZ5RA	N1RK	K5VIP	N0AH
W1MK	SK7AX	VE1JBC	N4RWG	N4XP
W4HG	TG9NX	W8MET	PA0JSE	NZ3O
W4VIC	W0GG		PY2FN	RW7M
WA7NB	W9MJ	254	W1KSZ	S55ZZ
WF2S	WA4LOX	CT1BWW		SV1CNS
		F4BKV	249	YB0NFL
263	259	I4KDJ	G3UAS	
HA7UW	EW1BA	IK4HPU	IZ8GGF	244
JA7XBG	JA2FBC	JA1IOA	JP1NWZ	AA8R
JG3FEA	JA8BNP	JA1KPH	KA1ERL	BA4RF
K1KO	JM1HJG	JH1BAM	KQ3F	K1YR
K9MBQ	K2UFM	JH1RGG	N8LJ	NX0I
K9YY	K4WNW	K3SEW	SM4OLL	W4REX
KN6KI	K7EG	N6TA	SV1CQN	W5PJR
N1GC	LA9FFA		W2JLK	WA3F

243
AC4G
IV3GOW
JA1CZI
JA2EPW
JA7LGE
K8ME
LA5YJ
N6HC
N9FN
PY2IQ
W1BR

242
DL1KUR
IZ1LBG
JA4ZA
JH1WJR
JR1MLU
K0KG
K1EFI
K1SM
K4JJW
K4PB
K7FEL
N1SV
N2NS
N4UOZ
NK4L
SV1IW

241
AB5C
CT1FUH
IZ3ENH
KF2DT
KI1U
KM1D
KV1E
N6HY
OE3SGU
W5QM

240
DL1HRN
G4XRV
HB9TKS
IW1ARB
JA1DM
K9FN
KF0LA
VE3BW
VE3YV
W2GW
YB1UUN

239
JR1BAS
K2XF
N8SHZ
W8MJ

238
DJ9RR
HB9MFM
HK1MW
JE2RDO
N4PJ
NQ1K
W0FLS
W7IU
W8JRK
WA4QMQ
WB0TVY

237
JA2FSM
JA3PIS
JA7BEW
JH1DGQ
K6EID
US0YA
VR2XMT
WA0ROI
WB8B
WO7R

236
HA7TM
HB9ZS
JA2VQF
JA3KNN
K1ACL
KM3J
UX5UO
W0HBH
W4GIW
W4KA
WB8ZRL

235
7K1PTT
EU1U
HA5VZ
JA1HOM
JA1JYE
JA9AGN
JE1IBI
JL1RUC
K2NV
K4MS
K5CWR
K8FH

K8ZM
NW4M
OE2BZL
W5DNT
W7YAQ
W7YW
WY6N

234
CU2DX
HB9DHG
JN1NOP
K1PL
K4MF
KA4RRU
KE5FXE
W3WST
W7MEM
WA1S
WA5UA

233
AA9GR
K8BN
SM0XBI
W2NRA
W6YOO
WB2KSK

232
HB9BYQ
IK0LNN
JA1VSL
JA3WLN
JA5NPV
JK1EXO
K3VAT
K6IPM
K9OR
K9RX
N2FF
W4SK
W8UN

231
HL2IFR
K1FEV
K4QE
K4VIG
KE8UM
M0CSD
N8SNM
UN3GX
W3FI
W6CYX

230
9A4T
CT1BOY
G3LUW
JA0LXP
JI1VVB
JK1BSM
KD6UO
N3KN
N4HID
W7HPW
W8WVM
WD8PKF

229
CT1EAV
DL7UPN
F1ICS
IW0HQE
KD1F
N2NL
N4JQQ
N4NW
NI0C
PY5CC

228
I1FQH
JA1DDZ
KM6HB
N4TL
NA4EA
RA3QUA
VE6AX
W4OX

227
AE0P
DL2RUM
IK0HFO
JA0DWY
JA6CBG
K4CMS
K5RT
W1WC
W5SL
WB2NPY

226
DS5ACV
I0MWI
JA8CJY
JJ1DWT
K1RV
K5GH
K6MKF
N2KX

N5ET
N6BM
N6OJ
RQ3A

225
CT3MD
EA1AF
EU1M
K5YU
K6ND
MU0FAL
N9SF
W4UDH
W5GZ
W5TFW

224
AK5X
DL2RTL
EI8IU
IS0AFM
IZ8FWN
JA5BEN
K1CBK
K1GE
KK4OK
N6KZ
N7WO
OZ1IKY
PA0TCA
RW4CY
SM7BHH
SM7NDX
WS9V

223
AF2C
AF4HX
EA7DUD
HL2KV
I8MTQ
IZ4DPV
JA1RTX
JA8ZO
JA9FAI
K1JIU
KB1DMX
KI6CG
N1EN
N4ENE
N4GN
OZ1LCG
RD3AW
SM2OAN
WA6JA

222 DJ9SO E77S JA8NFV JM1VRW K2AT KW4V N4OA RA4P UN7JX UR5WA WA1PMA WN6K XE1RBV	JA0KJE K1GG K5JZ KI7AO N4JT NU1B W6NWS WA2NPD	EA5AR JA2OLJ K0BBC UA3O V51B W0KCJ W7JY WB6BFG	209 IK2RZP JK1TCV JP1IOF JR7FRW K0KT N4QWZ PU1KGG SM5BNK SV1VS W6DCK WF4U	SM0DSF W0LS
221 AF5CC K2BA K5DV KU4XO ND4V UA0FO W8OP W8TN WA3C	217 HB9JOE HL4CJG JA2NNF JE2EHP K1NTR KD0PO N3RW N6QI W0TM YO3JF	213 G4VMX IZ1JMN JA2VHO JH1APK JR1EFG K0QQ LA0FA N2JJ N8GP NA2M PY2KP VK3FM	208 AJ8MH G3KMQ HS1NGR K0THN K2PF K4CGY K4WES K5RJ NA5Q NW6S UR5EDX VE3DZ W2DXE W5DAW W8IW	205 DL6UNF EA5DFV JA0DET K4YYL KK5OQ N2DPF N9BX PY2RO SP6JIU WA4JQS WA4MME
220 AA6RR F5LIW G0VXE K0OK K4MIJ K5MT N1NU ON4ATW SM0MPV SM3LGO UR4IOR W9HBH	216 JH7RXU K7LV KR4W N4HB N4LR NC4RB OZ5NJ PS8ACL PY2DS PY2MC SP2BMX VE7TK W0SR W1KMA W5ZG W6GRV W9YE	212 AG3V JA1BWA KK4OW OM8FR SP5LKJ SP6A WK4Y* ZL4AS	207 EA1RT JF2OZH JJ1KZZ K1XV K9FZ M0IKW N9AKR OE1JIS VK2CA W0TT W2YR W8HMK W9QO WV6E YB0MWM	204 IZ8IEV JA1EMQ JH8NQQ TF3DC W4GP W7IV
219 F5JSD IK2GAJ JA1VRU JH1HHC K7AWB KG6I N1KC N6DX NT5V RU0SN YO9FNP	215 9H1EJ AA7XT JA7ZP K2XB* KE3D KF4NEF N3RC RN9N W1JGS W4IS W6SL ZL2AL	211 DJ3AS JA3LDH JG8FWH K4JC K5VWW K6IPV K8YYY KT2C N1BY S51NM SM5AOG VR2XLN	206 EI9FVB FG4NO I5XFD IZ4DIW JF1IRW K0MN K2AZ KK9T KS4S	203 JE1PNX JH8NBJ JO1LVZ JT1BV K0CS K8ROX KM7R N8BJQ W7ZJ W8HC W8UV W9OO WA3FRP
218 DK6OR DL2NOM DL4NBE	214 AA0MZ DJ3XG	210 DS4AOW K4EU KD8RQE PY2WC S54A VK3HJ W1KDA W5WP W7FP		202 4X1RU HL3DE KR6C KU4BP N8OC N8WD W3NS W4RDX
				201 GI4OWA JA4DHN JF1MTV K9OW K9TF ON4ANN RT5A

VU2PTT	JA1MZL	IZ7GIT	W6DPD	IK0HBN
W7TUS	KF7F	K5ALQ	W8NN	JA2KSP
W9IL	KI4DLS	KE6V	WA0WWW	JE4CIL
WB0ULX	N1RR	KJ4UZU		K6LRN
WE2N	N2GZ	N4XYZ	187	KA8SYV
200	N2NW	NA9A	7K1CPT	KB5HC
DS3HWS	SP3F		BV1EK	PY5IP
HB9AGO	W1MJB	191	IK0XBX	UR5FEO
IZ8EKL	W4HZ	AA4NC	K7XB	VA7ZT
JA0PE	W9AJ	HA5CW	KF7PG	W1YRC
JA3EY	W9ZCL	K4JKB	W4DC	W4DEE
K0MFI	WB0TEV	K6XN	W5THT	W5GA
K5FZ	195	KA1DJ	W5ZE	W6BK
K5XI	CT1ELF	KZ9DX		W6HYI
LB6KC	EA2AAZ	N2SQW	186	
VU2CDP	EI6FR	N7MQ	AA3LX	182
W6DE	JF2WGN	OZ7DN	HB9ESS	I5FLN
WS1L	K4JWA	SP7ICE	JA3EOP	JA2ITK
	KE4S	W4DAO	K5QX	JA8XQI
199	NY2NY	W7VY	K8NK	JH1OGT
AA3TH	SQ7FPH	WB8K	KC6X	J11CQA
AC0X	W5FPT	WI8R	KW4CQ	JR3UIC
DF7EE	W7NN	190	N6VNI	K3PP
IW1QN	WA2VQV	DF3EC	NJ3K	K7LAZ
JE2VLG		DJ9KV	NU4B	LA5LT
K4VNY	194	DL5XL	W8RV	N8NN
KB5UNX	4X6ZK	JA6AVT	WA5IPS	W7IUO
MU0GSY	A65BD	JH8KFE	WZ4RC	WA9PIE
N1IA	JE1HRC	KD0AA	ZS6P	
N2RR	K6ZZ	KI4WCQ	185	181
VK6LC	KP3AH	VA2IG	HB9IIO	IZ8MBW
W9RXJ	N6PEQ	W3SB	HL2CFY	KG4JSZ
	N7TY	XE1H	K0KP	W6TK
198	PB9FN		K1USA	WA6G
IV3BSF	W5UHQ	189	K4SX	
JH1OBS	WE1P	CT3KN	W2WG	180
JH3KAI		EU1KY	XE1J	A61BK
JR2LJO	193	IK2RGT		AA4AK
K8DV	7L4VYK	JA1SGU	184	KY6R
KA1J	JA0AXV	JF1NZW	AD6ZJ	N6VS
W3BJ	JA1FVS	K6UXO	EA5RU	NA5S
W6SHY	JA1QIW	NA5Z	HL2WA	SM2EJE
	JA8FFM	RN3CT	IZ7AUH	W7AH
197	K9MK	SM4BZH	JN1RQV	W8UQ
AD4AA	KM1C	W7PAQ	LA6UL	
K8SIA	KX2A	WA3I	W1AW	179
KK2M	N3QE		W6RKC	CT1FCX
V51YJ	N9UA	188	W8KEN	CU3EQ
W1FA	NA5C	AA9A	WB2HJV	DL5MHQ
W3ABT	NU1O	CU3AN	WB3BFC	IZ0GYP
WS5W	WA0MHJ	DS5DNO	WB5STU	IZ8VYU
	YV5LI	G4ZOY		JH0NOS
196	192	K2DC	183	K4WZ
AD8P*	F6FYD	K6JAT	BA4TB	KZ2R
I7LGM	IV3FFI	N3AIU	EA5MB	N3ME
I8YAV		N4DWK	G3VPW	N8TR
				W0FG

W2XI	KY5I	W1AO	165	SM7CZL
W4CCS	RU9MX	W3MR	4X6KJ	VA2LC
W4TUN	SP6EY	WA4USA	GU0SUP	W1OK
W6SFK	WA4BIM		HL3AMO	W1XV
			IK0XIH	XE1R
178	173	169	JE4WOK	162
JH1IZR	AB6CF	7M4AOE	K3VPZ	AA5N
K1NJ	AI9U	HL5BMX	KG4CUY	DJ7JC
K4KAY	DJ0MCH	JA1BON	KH6XT	EA2AFV
K8RRT	IZ1JLG	JO7KMB	KN4FO	G3SBP
KU1T	JF1LZQ	K6MM	N1JP	JR6GHN
N0RN	K5CR	K7UT	N3KS	MM0EAX
PY2RN	K6UNE	KK7YC	RA0BA	N1API
W7HUY	K8JE	RD3BD	TA1CM	N6PAT
WB6AXD	KD4POJ	W0AIH*	UT7KF	N8WRL
	N7HN	W7IAN*	VK3TC	NV4B
	N7NG	WA4DOU	W0MU	PA3BWD
177	NX2X	WA4NUF	W0ZS	SP5ES
4X6UU	SM0EUI		WB4DNL	WA3WZR
AB4SF		168	WW8W	WN6W
F6ECI		A92IO		YO3DDZ
JA3EEM	172	EI2GLB	164	YO4AUL
K1LT	AE4CW	K2HAT	AC4BT	
KE0A	AH0U	K2MK	CT3DL	161
KF4VTT	G3WW	K3SF	EA3CAZ	AI4QQ
ON6AA	K1JD	K4RG	EI6IZ	CT1GFK
W0IKD	K8QKY	KF0RQ	JA0GCI	DM3CW
	KF6HI	KT8D	K5ZQ	GW4TSG
176	KG9Z	LU8ADX	K6CF	JR1WCT
DL6NW	KK1W	SM5CBM	KD8MQY	K2OP
HL3GOB	LZ1XL	W6KK	N2XQM	K4AR
IK0CHU	UN7BK		N8NB	KM4A
JH7NTW	W6WF	167	NA2P	OK2ZDL
JR1FHP		JA7OXR	UN7BY	OZ4VW
KC6JAM	171	JA8BOV	W2/CT1GIF	SM3PHM
N3KV	AJ4A	KB8NTY	W6SIY	W6DOE
NA6MG	F9CI	KE3X	W7WZ	W9GG
OZ0J	HB9CRV	KE5TD	W8FIB	WB3JFS
W4DSM	JA1ERB	N1ZJ	WA5CMI*	
WA3GNW	KP4DKE	N2MEE	WV4V	160
XE2X	KP4RV	W0OGH		EA1WH
	N3AO	W2OR	163	FG8OJ
175	N3XM	WA0S XV	3A2MW	HL3ERJ
IZ4AIB	OE3HWC	WA5NFC	AA4OC	IK1IYU
K8EAB	RA3BL		EA1AZ	J11NJC
KJ6NZ	SP5ELW	166	HA5BSW	K5FNQ
N6NU	W4MAY	AL7R	IZ5MOQ	K7LY
UA1OM	WA5KBH	HL4XM	JR6LDE	N0IW
UA9AGX		JH0BQX	K0ABC	N8IL
		K7CU	K0CF	NI5F
174	170	N6ZN	K4GN	S55DX
G8DX	DL2JIM	N9ISN	K4ST	W5RDW
JA3UNA	LA2GH	SV8DOU	KE1B	W8MIL
JE2DZC	N4VN	W4PGC	KW4MM	W9NIO*
JH5HDA	N6EM	W8SAX	LX1CW	XE1MEX
K5DCW	N8VV	WA1ZIC	N0AMI	ZS6RJ
K9HQM	N9KW	ZS6IR	R3IS	
K9UQN	N9KW			
	VE1OP			
	VE2YG			

159 EW1P G7SSE JG1SWM K0IO K6GFJ KK9H KW9U LZ2ZG NE5S R4FAN SP3IBS W1EBM	K9OT KX4TT LA8ZAA NO9E UT7EC ZS2Y	N5PA N6MB UR3EO W3HER W5WLA WC2C	W7VAS W9MAK YB1TJ	144 GM0VIT JA7GZM K1TKL K4DET K4HQB K9YZ KQ5M N6RV RN0C SV8RX W6WA
158 G4SGX JH1UBK JJ1KXB K8GWU KB2XJ N4XMX ON6KE VE7BV VK4CAG W4WN W8LIG WB2RAJ	154 DS5WQT EI6AL JA0GZZ JR3QHQ N4BAF NE5W WA9MAG	150 AG6HE DK3FB IT9ABN JH2AJY JK1UNZ K1DG K4YJ K9NR LA2XPA N4IQ N6JOJ RX9JX VR2MY W4NE W8TM WA6EZV WB2WPM WD5BJT	147 AB9KZ BX5AA G3VQO G4XEE IS0/YO3RA IV3AVQ JA2XCR JK1OTP K1UU K1VI K2DF N4MIK NW4DX SV2CLJ W4AG W9FF W9FI	143 AA4MM DL6DCD HB9AAA IW9DNI JA1MOD JR0AMD K0EOO K5LY K9BQL KB9LIE KG6D KN7D KN7K N2YBB N4UP W4UFO W7NP W7VS
157 E20YLM G0OIL JA1UOA JA3MHA N5BO ND4X PY1NS W2TB WW2DX	153 JH1AQN JI3CJP JK1EBA K0VM KD2T KK4XL N0VVV N4TOL N6MM N7NW VA3NXM W4NBS YL2TW	149 DS4DRE F6HLC K2KIB K8SMC K9RT KP4DS N0LGU RT0F UA9MC W1ASB W5JAY W8WEJ WA1EHK XE1MW	146 G3LAS G4AFJ GM0VRP HP3TA JA3KWZ K2TV K8ARY K8POM N0ODK N9LEO NU4I SM3DXC SP7QHR WA2MUA WB7B ZS1C ZS6UT	142 G4DDL IK8UHA JA1PUK JA3ENN JI1UHZ K1ROA LA1J NS3L NZ0O TF3JB UN3G W9KVR W9ROG
156 EA3HPX JF2VAX K1ZE K3VAR KA9OKH KJ7NO W1MR WB4YDL	152 CT3CD DU1KT HB9BAT KD2OV KE9S ON4LG SP6AXW W5VQ W6RFF YV4DYJ	148 7N2JZT EA8AXT JF2AIJ JH0OXS JI3BFC JJ1BDX KA3GWD LZ1MDU N1MD OZ3SM VE6TL W6AER W6RW	145 DK3UA EA1JO EA5RD HI3T JF1LMB K5FXB K9SG KS0M N6RK NE0U RK4FD W2RS	141 AC9S HB9FBG IZ3XEF JH1IED JH4ALY JL3DGI KA5VFU N1BCL*
155 DK3QM GM3WIL IV3TDM JA2NDQ JA9RT K4EZY K4WY	151 DL4KUG DL7JRD EI2JD HL4CCM JA2BUR JH1QAX K7LAY K9AAA KA1API KD4SN KE8G KK4CLY N4AA*			

140	EI1DG	K7YZO	DL1SWN	DS4GKF
AD9DX	ER0FEO	K9SUH	JA1GVT	HA5PT
EI6JK	I0JBL	N6XT	JA2LMY	I0LYO
EW4C	JG3RWX	SM3WMU	JA8ANQ	IK3DVY
JA4CZM	JH6RTO	W4UAT	JE2LPC	JA1FJJ
K3GGN	K2CDJ	W7QHE	JH3PRR	K3GT
K7VC	K6IRA	WK9U	JL4BSE	K7LFY
KF7NN	KE4FW	WQ5R	K0BX	K7QBO
LA8PDA	SM5CSS	XE2B	K2AX	KA5IAU
LZ2HM	SP3EPG	YB3MM	K2MHE	KF3N
NA2AA	W2NY	133	KG6WIK	NA1RL
NZ9Z	WR7Q	DL8OH	LB5WB	ON5EQ
W5VU	WS1F	HK4EB	OZ6TL	PY8WW
W9JJB	136	JA4DNC	W1ITU	VU2NXM
139	AE5B	JH1SOD	W1MO	W0MF
DL4FAP	EA5KA	K4EM	W6OUL	WA2USA
K0UBR	HB9DVZ	KF6A	W9CTJ	126
K4KEW	IS0EBO	KF9AF	WA8MCD	AD5WB
K9TRV	JJ1OKK	W0JM	129	DL5KUA
KL7TS	K4AU	W1LE	7J1ABD	GM1BSG
N0CKC	K8CQ*	W3MF	AD6KQ	JA5CDL
N0TK	KB9AIT	W9SE	IZ0NRG	JA5XPD
N3ND	KJ4R	132	JA2ACI	JA7FVA
N4HN	N2RJ	AK3E	K7ORK	K3OX
R9MJ	N7ZA	AK6I	N3TR	K5KDX
RL3BZ	SM0BYD	F4DSE	NA2U	K9QA
W9GM	W0ANZ	I8NLC	TF4M	KI4TZ
WY7FD	W4GH	IZ0COI	W8BLA	KK4CB
138	W4PV	KI7HO	WB3D	VE3TMG
4O3A	135	KK5ID	WB8RFB	W0PE
DL5ZB	AB4FH	KM2E	WB9PNU	WB9IWN
EI7JZ	HZ1GW	N4QOG	XE1ILI	125
G0FWX	JA3MIO	NN3V	128	AA4U
HL4CBX	K4OP	OZ3SK	DF2WF	AC4XO
JA0CVC	K8MRT	SM7DXQ	EI3IO	G4EHT
JA1VRY	KC5LK	UW7UA	IZ5FSA	JA0GJJ
JA5XAE	KP4N	W3KHZ	JA3AVO	JA1FQI
K2JK	S53MJ	W5FL	JI6IHG	K8YAH*
K2YSY	WB3AVD	ZS1EL	K9YKL	K8ZZU
K9MMS	WB4SON	ZS6C	KG8OU	KZ1W
KC9G	W05I	131	N0JR	N5ZC
KI7M	YB2DX	JM1JIV	N9XX	NA7RH
N7RD	ZL3TE	K4BNF	NF1G	NN6CH
VA3HP	134	KE4UW	SM7GIB	NS4F
W0RX	7K3QPL	NN6K	VU2CPL	SM5AFU
W0UHL	AA9RR	VE3YF	W0QD	W1GY
W4GE	AB0RX	W3DIY	W4DTA	W4AO
W8FN	AB1J	W5EC	W6IS	W5CWQ
WA5POK	EA6AZ	W6HDG	WC4V	W6PG
YO3AIS	IZ8DEO	W7SX	ZS6AKU	W7TG
137	JA1XPQ	130	127	WB0O
AB4GE	JA4GXS	AA4QE	7Z1HL	WR2G
AL7TC	K3KY	CT1HHP	AG4TO	124
DL2RD	K7FL		DJ5DT	DJ3EJ

EC4KW
IZ5BYJ
JA2QXP
JH1RFM
K3GW
K3WWT
K7HC
KC4AA
NH6T/W4
PT7DX
W0XE
W6ND
W8BI
WW5L
ZL3REX

123

AA3AZ
AA4DD
DJ6OZ
DS4DBF
EA1DLU
EA7LS
HL1VAU
IZ2MHT
IZ8LMA
JA0BES
JA1GLE
JA2HOL
JA3WMS
JE2VYM
JH1RVQ
JR3TOE
K2JGL
K5HK
K5UZ
K08SCA
N9RE
OH3TY
PY2ADR
SV1XV
VE3VHH
W2WGK
W4UT
WB6FWS
WP4CQ
YB9WZJ

122

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AB5YI
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JA9ALR
JQ1YIW
JR0GXA

K0HQW
K5NOF
K6LPO
KB4ET
N4ST
UT9LC
W1HEO
W1KKG
W6HB
W8OM
WC3W
XE2MX

121

AG7N
HA2EQD
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JA1CPN
JA1EYN
JM1LPN
JR3ADB
K8WHA
KB3IFH
KU2A
OZ6EI
PA9RX
UA0FDX
W3JXP
W4CC
W4EJG
W5HMK
WB2KSP

120

CU2CE
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F5AQB
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K4RDU
K9ZM
LU3XX
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N3DV
N3GS
N4EDT
N4PGL
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NX8Y
PP2FN
VE3QAA
VU2ABS
W5RYA
WG0G
WT5L
YL2KF

119

AA4FU
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HB9MXY
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KB2FCV
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N8LCU
PP5VB
SV1BYI
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W6ZPL
WA0WOF
WA4CEM
WB4GLI
WQ1H
WX0Z

118

6K5AQY
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JH1AWJ
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KX6C
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N3HYB
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N4ZY
N8KUS
WA8RCK
ZS2I

117

9H1AE
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KB4MRX
KB5CSQ
KO4PY
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KZ1X
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VE7NY
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W4PG
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WB9WHQ
WT3Q
XE1FAS
YO6HOY

116

AA0FT
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KB7QFE
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NA9RB
NP3CW
RU3DX
RW6MBC
SM1NJC
VY2RU
W7QC
WA9GON

115

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IW2FLB
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JH8LEY
JI1MNT
K0PC
KB4CRT
N7PIB

OE3JAG
OE5MPL
OT1A
TA1AL
W3HKK
W3MRL
W4OV
WK8A
WS4H

114

DG5LAC
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JG4OOU
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KS4YT
LA6OP
NG8T
NK5K
OE6CLD
VK5CE
W2ZK
WN0L

113

DF2GH
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JK1GOK
JM1JZN
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K1JKR
K4JDJ
K4JLD
K4TR
KC0V
KK0HF
KV4T
LU3JVO
NA6O
S52R
SV2DSJ
VA3AYA
VK7ZE
W4AEJ
W6BBS
WA5YOM
WM4AA

112	K4RP	N3YZ	TA1L	RV4LC
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G3YFE	N6MXU	N5TW	VE3BHZ	W9GXR
IK4EWN	NE1RD	VE7VV	VE3XK	WQ8T
K1BZ	TF3Y	W4DVG	W4/KL7GLL	WS7I
KH6P	TF8GX	W6CN	W4JDS	YO6HSU
KK0DX	TG9AJR	WB1ASL	W4PGM	
N8AID	W1ZZ	WB5ZAM	W7GB	103
NA1DX	W5JE	WC4B	WA3IIA	DL2VWR
OZ9XU	W8TE	WX2U	WA8Y	DS5JMG
S51DV	YO5QAW		WB8EKG	EA2RY
W3WN		107	ZS5LEE	EI9GLB
W4LLP	109	AD7L		JA1XRA
WC0W	AA4RX	DJ5FZ	105	JF1KIG
WD8LTM	EA3HDZ	DK2GP	AA2F	J11FXS
WN1M	EI8GS	DK3BK	AP2IA	K2RNY
YB0DJ	F8DHE	DL4ZAB	DL9GTK	K3PIN
YO8CRU	G0MMI	IC8XIL	G3LOJ	K4KAL
	JH3GFA	IK5BOH/2	G3WPH	K6JJ
111	JH4GNE	JE1CTA	HL4GHT	K8FB
AI2S	K5RKS	JH4ADK	JE6UWU	K9WMS
F4CPF	K6JAD	K4GHS	JJ2BLV	NA9L
F5NBX	K8CR	K4LQ	K0MB	PY2YW
F8DZY	K9JE*	KA4LBD	K3WC	RX3BP
JA2CPD	NW6R	KG2U	K7CMZ	W1SSN
JH0RVY	NX1P	LU5OM	KN4JX	W4CU
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K3HW	PF7M	V31MD	N9IXD	
K8ZEE	SP7ASZ	VE3FRR	NK7L	102
K9JIG	W5SG	W5HY	VU2LBW	5W1SA
KM2O	W7CB	W8JA	WK3A	AC5AA
KM5VI	WB0N	ZP6CW	WU1U	DH0GSU
N1ZZ	WN7J		WZ9B	G8AJM
N7DED		106	YV4EH	JH3EQP
N7JB	108	AB6WQ		K2DW
NQ4A	AC8MR	AC7DX	104	K4HR
NT5O	DL1TPY	AC8IL	7N4OBV	K6EME
PT7CB	DL2AMD	DS2GOO	AA2WC	KB2TGU
RM3DA	DL2NAI	EW4DX	AA6XV	KB8DID
TA2RC	DM5TI	F1RAF	AE7U	KD4EE
W3ML	EA5XV	G0OJG	CT3DZ	N2FY
W5GCX	G4AYU	G0RPM	F6ARS	N4IR
W6FL	G4VWI	G3LPS	G0DRM	N8KOJ
W7WT	G5CL	JA2MNB	JA0AVS	N9JR
WU4B	IK1RKN	JA9NFO	JA1CC	NA4D
	JA2DCN	JJ1IRS	JA1DHY	PV8DX
110	JA2ODB	JR2PAU	JA8EIA	R9GM
CT2GZE	JA6JYM	K3SX	JH1GNU	S51MA
DK4MX	JE1COB	K9GA	J14HKA	SM0XG
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G4FTC	JH1OVY	KI4NSP	KN9N	W7HJ
G4ZWY	JJ2VLY	M0PCB	LZ1XZ	W7IMU
HG6IA	K3CWF	N6UOZ	N1FOJ	WB7QBS
IK4TVP	K4OY	N7MW	N3PW	WD9IOK
JH0LME	K7LOL	NI7F	OM6CI	YO6BHN
JH1XFR	KO4XI	PY2OC	PA0QRB	ZS4JAN

101

G4GEE
JA1KZP
JA5JUG
JF1RYU
JF7NNI
JH1ACA
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K4RM
K8PGJ
KB1W
KJ4YLO
LA3ANA
M5LRO
N4PF
OZ5JQ
SM0BSO
SV2AEL
SV4FFL
SV7CUD
TF5B
UA4PK
VK4BUI
W0QQ
W0TLX
W3RMS

NJ6K
R3BB
SM7IUN
SM7WVZ
UR8IDX
VA2EU
VA3EJN
VE1JF
VE3KKB
VR2PX
W5/NH7C
W5YKU
WA3UTC
XE2YWH
YB4IR
YB6LAY

100

2E0XAR
A41ZZ
A71EM
AG5Z
DK7GH
EA5PS
EI4GJB
EI4HH
F5JWH
G4YCS
I2YPY
IK7NXU
JE7KCI
JJ6DGP
JR7MAZ
K2UF
K4HEB
K5LLA
K7VL
K9DUR
KA2F
KA4H
KA7CVJ
KI3O
KI4PG
N0VTZ
N1KI
N3NVA
N7WR