

ARRL DXCC - 80 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 07 Jul 2022, 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.

364 ON4UN*	SP5EWY W4AG	R7LV SM3EVR W3UR	JH4IFF K3UA K4ZW R4GM W1YY W4QCU	332 DL4MCF I4EWH JH4UYB OE6IMD	328 9A7V DJ2YA G3KMA JA1HGY K0KX K3FN N2LT N4CH R3OK SP8AJK UA3DPM VA3DX W5EU W5ZN
358 VE1ZZ* W4DR	348 JA1UQP W3LPL	341 DJ6RX JA2JPA K4ESE K8MFO OH5VT PE5T SM5CEU SM6GZ W1MK W8UVZ WB9Z	336 DJ2BW JA3FYC K5RK N0TB N3XX UR0MC UT5UGR	331 EY8MM JA5AQC JA8DNV N1RJ OK3GU RA7A SP7VC UA3AB UA6A W0BV	327 DL1RWN EU7A IK8HJC JA4LKB K4UTE N3SL SM5KNV
357 W1NH	347 JA4DND K4DY OZ1LO	340 OZ3PZ PY2XB UA4CC W3YX	335 HA8IE JA2WYN N2TK SM3GSK W4VQ	330 IK4GME K1UO K6SSS K7ZV OE3GCU SV1FJA W2YC	326 I5NPH LA5HE N8DX PY2YP RZ3AM SL0ZG SP3E SP7GAQ VE7SV
355 EA8AK	346 I4AVG I4EAT* JA2VPO K5NA N4JJ* SM6CVX SP2FAX	339 JA5AUC JR3IIR N6AR UA3AKO VE3EJ	334 DK5PR F6BK1 GM3POI JA1BK KF2O NR1R OZ1BTE SP3EPK WA4FFW	329 F5NTV G4BWP GM3YTS JA5EXW N8JV OZ1CTK SP5CJQ W3GH* WD5COV	325 AG9S GM0GAV
354 OH1XX	345 4X4DK JR2KDN K4PI N0XA	338 DF3CB KG4W NN4T OH1MA	333 IK4WMA JA8EAT		
353 JA1ELY K4MQG K5UR OH2BU	344 K4CIA SM5AQD UA4HBW W7UT	337 DJ9KG JH1GZE			
352 N4WW W1JR W9ZR	343 N4CC				
351 K2TQC SP3GEM W1NG					
350 SM0AJU W4ZV					
349 HA0DU N4KG*	342 LZ2DF N1DG				

JA3EMU	K8GG	DL7MAE	G3TXF	SM6CCO	RA9CMO
JA6BZA	KD5M	HL3IUA	JA5IU	W1TSP	W3GG
JG3QZN	OH1TX	JA5MHD	K0IEA	W2RQ	YO7LCB
K0SR	R7NW	K2FF	K2FL*		
K5BG		S59Z	K4SO	307	303
N2QT	321	UA3AP	K5DU	AA1QD	DJ8NK
S58T	F6BEE	UT9FJ	RX3AGD	JA7MSQ	DL2OE
SP8NR	HA5WA		UX4UA*	JH2TPI	G0DQS
W3NO	IZ0AEG	316	YO5BRZ	K3YA	HA7TM
W9RPM	JA2JW	AA6YQ		K9NW	JR1TNE
YU1FW	JQ3DUE	DL1DUL	311	K9RX	K2CL
	K4QL	G4PWA	DK5WL	NQ1K	N4II
324	N4XM	JR3GWZ	G3XTT	OE6DK	N7FU
9A2EU	SP9DWT	N2NL	K5KC	R9TO	W2LO
AA1V	UY5ZZ	N7RT	K9CT	SP1S	W4DC
AA7A		NJ6P	KW9A	W7AO	ZS4TX
IK4DRY	320	W6XA	NO8D	WB8ZRL	
K2RR	E72A	YO9HP	R7FK*		302
OE1WEU	EA5BM			306	EI7BA
OH2FT	G3TJW	315	310	EA6SX	JA1KQX
PA3FQA	HB9BGV	F6AOJ	DL5DSM	JH3VNC	JJ3PRT
PY2BW	N0AT	K5OVC	EI6S	K0KT	K1AM*
R7DX	N4XU	N8PR	IK4CIE	K3JGJ	K4UEE
RA3CQ	R9FM	R3VA	JG1ULJ	WB3AVN	K9ZO
SM3NRY	SM5BFJ	RU3FM	JJ2LPV		LZ2JE
SP6HEQ	UA3LAR	RX4HZ	JO1WKO	305	N4NX
UT5UIA	UA4LY		K2RW	I0DJV*	SM6BGG
UX1UA	WI8A	314	K2UO	IK2YCW	VE7IG*
VE1YX		AA4HP	K4XO	JA2JNA	W8GC
W1GL	319	JA2QPY	SV1RK	JE2URF	WA2VYA
W4PK	AA4V	JA3PIS	SV8CS	JF1PUW	
W8AV	I0WDX	K6XT	WK3N	K0EU	301
	IK6DLK	N0RR		K1DC	DF2IS
323	JA1XEC	OE5KE	309	K2JMY	DJ4AX
CT1EEB	JA3CSZ	SM6CTQ	HB9AMO	K2UU	DJ9VA
EA6NB	JF2MBF		IZ5DKJ	K4SV	DK2JX
G0JHC	K4IQJ	313	JA1EOD	K5AQ	F6BLP
HB9RG	K6EID	DF4PL	JR7VHZ	K5EJ	JA2DPC
N4PQX	N9US	G3LZQ	KG7H	N1SV	K1FZ
RV3LO	SP5DIR	G4CCZ	N8RR	VE2TZT	K2TE
SP3IBS	UT7UJ	JA2FBY	ON7TK	VE3XN	K3UL
SP9FKQ*		K1MM	SM4DHF	W0VTT	K3WW
UA3AGW	318	K1ST	W1DIG	W3AP	K5EK
UA6MF	K1AR	K8PT	W4DKS	W9RN	K5UO
W0FLS	K1ZZ	K9FD			K5XI
WX4G	K4XP	OZ1ING	308	304	K8SIX
YO3APJ	N3NT	R5AJ	EA9IE	I4LCK	OE1ZL
	OK1AWZ	SM6CMU	JH2FXK	JH2UVL	VE3EXY
322	SM5DJZ*	W5OZI	K5ZK	N4AH	
HB9BIN	SP6CIK	W7OM	K6TA	N4DW	300
I5KKW			N4MM	N5AW	N4DB
IK1GPG	317	312	N5UR	N8TR	N5DG
IK5HHA	CT1APE	DF3GY	PY5HOT	OK1MP	N7US

OE5NNN	K2SY	SP5GH	287	283	J12KXK
OE8HIK	LA8PT	W2LK	JA3AZD	AD1C	K7SO
R7AA	ON4CD		JF2UPM	JA0GJJ	
RK4FD		291	JO7WXN	K0CS	277
W1CU	295	DJ5FI	K1DG	K1HTV	DL6KR
	F6DAY	IK4DRR	KC7V	N4QS	EA6VQ
299	I1EIS	JA9LJS	KX4R	N8DJX	IK0XBX
AI9L	JF7DZA	JF8QNF	LA5IIA	RW4NN	JA3FGJ
EA4KD	OZ8BZ	K4HGX	N9EN	SM5CZQ	K5RT
FK8CP	SP6CDK	K5MC	OE8RT	SM6BZV	K6YRA
I0KDF	UA3TT	OZ1AXG	OH2BLD		LU2NI
K5KLA	W0YG	RW7M	SP7HOV	282	N8LJ
K8ZTT		SV8BHN	WA2UUK	DK3DG	SM5FUG
KC9ARR	294	VE1DX	WA3C	DL9TJ	
KZ4V	AC4G	W9OP	WS6X	G3WPH	276
RA3QK	AD5A	W9XY		K8YSE	AB3CV
UT2UB	DK5AD	WT8C	286	KM1D	K1OA
	JA2EPW		A45XR	RA1QD	K3KO*
298	JA9PPC	290	AA6AA	UW2ZM	K8WK
DK1FW	JF3KON	AJ1H	CT4NH	WP4U	OE2BZL
JH4ADV	K2PLF*	JA4MRL	G4OBK		W5TCX
JR6PGB	K9MM	K6ND	JA0EOK	281	
K2VV	LA2XPA	W7DO	JA2ZL	JA6BZI	275
K9NU	LY1G		K2SHZ	ON4ATW	DL5AN
KE9L	N6JV	289	K4CN	W0FS	EA1N
LA7JO	OE5FIN	9A4W	RU6L		EA2IA
N2TN	R6AF	JA2XYO	W0MHK	280	JA4FKX
NI0G	W4UM	JA4DLP	W4YO*	9A2JK	JF7XKY
RN3QN	WA5VGI	K0XN	W6XK	AF9H	K0JUH
SM3NXS	YV1DIG	K8FL	YS1RR	K3PA	KA9CFD
SM4DDE		N1AC		K8EUR	N5FG
W1RM	293	N5ZM	285	LA7AFA	ON4ACG
W9IXX	AD5Q	N8BM	EA3GP	N6DX	ON4AOI
WA1JMP	IV3JVJ	OM4EX	I3BUI	OE2LCM	SM4CTT
	JK1OPL	SM0CCM	JA2IVK		W1UK
297	NI6T		N5KM	279	
AB6QM	ON4IQ	288	SP7ITB	AA9A	274
JA1SYY	R5DT	IV3YYK	W1YM	EW2A	CT1BH
K4HB	VA5DX	JA0UUA	W2IRT	G5LP	G4GIR
MD0CCE	VE6WZ	JA2FJP	WB6RSE	JA2AAQ	I4KDJ
N5TY	W1BR	JA3AAW		JH1IFS	JF2XGF
ON4IZ		JA7QVI	284	K9YY	JN7FAH
RA0FF	292	K9KU	F2JD	KF0QR	K4NA
UA9FAR	I1FQH	KN5O	G4IUF	KV7K	LA3MHA
W3LL	JA0CRI	N9AU	JA7ZP	SM2OAN	LA9AJA
W6YI	JA9FPI	R8TX	JH0INP	W1ZK	N6ET
WA2HZO	K1LD	SM6DHU	K1DT		PY5EW
YU3AA	K4MWB	SP3CGK	K8BCK	278	W3DRY
	K4ZYU	W1MU	PY5EG	DL4CF	W7BEM
296	K9EU	W7ZI	W3KX	DL5WW	W8TE
DJ9HX	KC6AWX*	W9MU	W4FC	F6EXV	
DK2GZ	OZ4O			I6FLD	273
JS2LHI	SM3VAC			IZ8FFA	HB9DDZ

HB9LCW	268	JE8BKW	R9SA	JA5BLB	JH9AUB
JA1HQT	CX6VM	K7EG	RM0F	K3LR	K1HT
RN3CT	DL5ZB	KP2A	W4FQT	K3SV	K1VW*
SV1DPI	DL6ZXG	ND0N	W5AJ	K8TL	K5JZ
W7WM	IK7JTF	NT0V*	W6VX	LA3WAA	PY2RO
WD5K	NV9L	SK3PY	W8LGJ	N3QE	RN9N
	SM5JE*	SK7AX		VE7AHA	W9AJ
272	VE3FF	W6RLL	257	W7LR	WE9R
4Z5MU	W4OX	ZS6EZ	CU2DX	W8OI	
CT1IUA	WB9CIF		E72U	WD8PKF	249
IZ1LBG		262	I2TZK	WN6W	DF2RG
JA1ANR	267	IZ8XQC	JH1NYM	WO7R	DL5CW
JH4JNG	HA9PP	JA6LCJ	K2TK		EI6FR
K3MSB	K1FK	K3KY	K5WK	253	F4BKV
NK1K	K4JJW	K9US	KD0Q	DJ4XA	K4XI
UR5EDX	K4JLD	KD6WW	NA2M	IK2QPR	K6AM
US0KW	K4SE	W6TMD	W0EWM*	JH1TWT	KF8UN
W1KSZ	K8BN	WO2N	W5XC	JJ3HGJ	RD3A
W1TYQ	N9UA		W8UV	K1LPS	W3GQ
	OZ3SK	261		K1LT	W7KW
271	RU3QR	AA5AM	256	K8GI	WA9CVK
AA1ON	VE3BW	JA2BDR	AC6HY	N2TU	ZS1LS
AB4IQ	W4YV	K2NV	CT1FMX		
DJ5AV		K5FUJ	JA4DEN	252	248
K0DEQ	266	K8VC	JE2LUN	DL8OH	AA4MM
K5XX	AH7C	N7KA	JR3OEH	EV1R	DK8MCT
RW3RN	IV3GOW	N7XR	K0TT	IZ8VYU	F6GCP
UN6T	JA4IYL	ON4GG	K6SIK	JA7MA	JA2KVD
VK3QI	J14POR	W7MO	K9IR	JF6DSZ	JA9TWN
W1ECT	JL1ARF		LA5LJA	JP1IOF	K6FG
	N7RO	260	N5GH	K3ND	
270	SP8FNA	JE1SYN	W2FCR	K4FJ	247
9A4T	WB4TDH	JH7IAJ	W6UC	K5GKC	AA4R
DK2NG		N7NG	W8HW	K7LJ	F5CQ
I1JQJ	265	UT7UV		K9MK	IK8EPC
IF9ZWA	AJ3K	W5LT	255	N5UL	JA3APL
IW1ARB	EA3JL		EA5RM	N9BX	JA3ENN
JA2THS	HB9DDO	259	EW4M	NU8Z	JA8RJE
JA4FHE	IK6GPZ	K2LS	IK0HBN	RU1AO	JF1WPB
JD1AMA	JF1UVJ	KB0EO	K1BD	W1YIF	K9OW
K1NTR	N5OK	SM6CUK	K4TT	WA8WW	K9XD
K1NU	W9YSX	SP1JRF	K7BG		WA6F
K5PC	WB5JID	UN7JX	K7NN	251	
N3KV	WS9V	WA7NB	NY0V	GOEHO	246
W6SR			SM4AZQ	SM4EMO	GM3PPE
	264	258	UN7LZ	SV1JG	JA3GN
269	AG4W	DM2DXA	W0GJ	W6NWS	JA3MNP
JA1SJV	DL7BA	JE7ETY	W4WM		JE1LFX
K7XB	EA5BY	JH1ORA		250	N4TJ
N1RR	SM0NJO	K2AZ	254	JA1MRM	N6UC
NX0I		KR4F	DJ5JH	JA6BJV	N9FN
SP1MGM	263	N4QQ	EA5AT	JA9NLE	UR3EO
W2SM	JE1PNX	NE1B	HK3W	JF3LOP	

245	DL4SZB	N1ZZ	N8BJQ	WJ4T*	JH4PMV
4O3A	G3KWK	OE3EVA	N8OC		K0SD
AA1AC	JA0DWY	W4ABW	RA3SS	228	KU0A
DL1DA	K2PK			EA3WD	N7GR
DL5EBE	K9OT	236	232	EA8BYR	N8KOL
K0II	NW7E	AD8P*	DM5EE	G0OIL	OZ2RH
K3JT	PY4OY	CT3MD	JJ1DWT	I5HOR	RU3A
RU6M	W4BP	DL1AP	K8FH	IZ5MOQ	UA0BA
SM4BNZ	WB9EEE	G3VPW	N5XZ	IZ8GGF	W6BJH
W2KKZ		NS6C	NX7K	JA2VQF	
W2WG	240	SM3CBR	S54A	K1ESE	224
	JA9APS	SM5CAK	W8TN	NM6V	AI2Q
244	JE7JDL	W7CT		OZ7OP	DS5RNM
EI9FBB	JM1FHL	WE0Q	231	SP6A	EA7TV
K0BJ	K9MBQ		9H1SP		JA1FQI
K6KO	ON4ON	235	K4PB	227	JA8EKU
LB2TB	RA5BM	JA7LMZ	W0DJC	IK4FNF	K5OT
LB8DC	VE3VHB	KQ8M	W5CIA	JA2CXF	K8JJC
SV3DCX	W1VT	LU3CQ	W6TC	JF1IRW	KB1JZU
W0AIH*	YO2DFA	MM0EAX		JN1RQV	N2JJ
WF4U		N5LZ	230	K3SEW	RM3DA
WX0B	239	N5ORT	DF2GH	K4JAF	W1LW
WX0V	HB9DHK	NE0U	EC3A	K4RO	WA4LOX
	IK5DNF	NN4X	F3SG	K4XR	WB7B
243	JA9NFO	SM7HCW	G0BLB	K5TT	
9A1AD	K5ZD	W0TT	JA1IZZ	KB8VAO	223
I2EOW	N3MN	W1ZT	JG1WSC	RN8W	DO4DXA
JA1GTF	SM5OJH	W7/DL1UF	J11DHY	SV2AEL	EU1U
JA7JWF	UX5UO	WO2T	K0CA	VE3CRG	IK4PLW
JH1AJT*	W5FI		K0KVR		IZ8FWN
JS3CTQ		234	K1EFI	226	K3ANS
K4XD	238	F5LVL	KS1J	AE5E	K4WA
K6SRZ	AF4HX	GM3YOR	VE7JO	DL1DUO	K6KLY
KK4CB	DF3UB	JA7MOL	W1TO	EA6ET	K7LV
LA2QM	JA3DY*	JA9AGN	W5ODD	JA4ITW	K8ROX
N4GN	K2SX	K7PI		JA9FAI	K9MMS
N5TW	N9RS	NA5C	229	JH2SON	K9RT
NI0C	VE7DX	SV1ACK	JA1XAF	JL1RUC	PY2XU
W7SX	WA2NPD	W2JU	JE1BMJ	K0MN*	W0CP
W8DCH	WA3AFS	W2XI	JH8GYP	K2EK	W0HBH
		W6RW	K3VAT	K4ZIN	W1SKU
242	237	W8HC	K4EM	LA5YJ	W2GG
EA3GHQ	AB9V		K7BV	N1EN	W5VX
IZ8DFO	G3KMQ	233	K7WP	PA3EWP	W6SL
K1GG	HB9CXZ	AJ6T	K9FN	PY2KP	XE1VIC
K1LI	JA1RTX	IW0SAF	KB1EFS	PY2NQ	
K9JF	JE2OVG	J18DGO	KT8X	W4HG	222
NO2R	JL1UXH	K2UR	N5JB	W9OO	EA5RU
PY2SP	JN1BMX	K5TA	N7QT		HB9AAQ
W1YW	K1RO	K8NVR	OE6CLD	225	IK3SWB
	K7SP	K9YC	RD3AW	JA2FBC	JA1WSK
241	KG6I	KQ3F	TF3SG	JA6BEE	JA5XAE
CT1GFK	LB6KC	KT1V	WB8B	JA8DRK	JA6VQA

JE7RJS	HL2WA	JA1OND	210	ZS6KR	K7UT
JH1OBS	I0JBL	JR6LLN	BH4IGO		KA8ZPE
N6MZ	IK0PEA	K2KA	CU2AP	207	KJ6NZ
N7IR	IZ3ENH	N0KV	DJ5DT	AA8OY	KU4XO
OE8SPW	JA1GRM	RU0SN	K7ORK	DL1SMA	RT0F
ON4CAS	JA1PTJ	SM7IUN	KJ9C	IV3TDM	
OZ1LCG	JA2AHH	W2AY	KT2E	IZ2EWR	204
	JA3LDH	YB0COU	N2NS	JA0DET	AI6Z
221	JA5JUG	YO3CD	N9JV	JH1QAX	JA8JO
AA5AU	JA7QFU		WA5POK	K1KO	JE2DZC
EU1KY	JH3CUL	213	WB5XX	K4JPD	JE2EHP
G4XRV	JR1BAS	DL1SDH	WB8BPU	K4YYL	JH4FEB
I8JIT	K6DT	EA7SG		KA7T	KV4FZ*
JA7BWT	RL3FA	EW1BA	209	LA2PA	WB3JFS
OE1AZS	W1RR	JA7KY	AC4TO	N1QY	
PA3CSR	W6AUG	K5WAF	AE0P	N2WLG	203
VE3CFK	W6RKC	LA9VFA	DK7YY	NN4SS	DJ3GW
W0VX	W8CZN	N1IBM	DM1TT	NR4M	DL6UAA
W3BW	ZL2IFB	N2BJ	HB9TKS	RU9UC	HA7UW
		N4TV	JA0DIN	SM5CBM	IK4HPU
220	216	N8II	JA2NDQ		JA0NZR
DJ9ON	AB5C	S55DX	JT1CO	206	JA3MHA
F6FXU	IV3DXW	SP7CVW	K3OX	AA5AT	JE6TSP
HS1NGR	JH8RZJ		K9TF	AB0CT	JH4HMG
K1YR	JK3BLD	212	KI0KB	GW3SFC	K2AX
K5PS	K1ZE	JA5FBZ	N3KS	HB9BAT	K3GT
N8PW	K8QM	JR3HZW	N4RWG	HB9IQB	K3OSX
UN7TW	N4ONI	K7WJB	N4XP	HB9SLO	KG9Z
W8WEJ	UT3UZ	LA7WCA	RU1AB	JR6FC	N4HB
	W5VQ	N7UN	UA3ECJ	K0LUZ	N6HY
219	215	RD3BD	VK3HJ	K7VV	SM5AOG
F5PAC	5B4AHJ	SV1GRE	W3OOU	KA1J	VE6LB
HB0CC	DJ9RR	VE7SZ	W4ZX	SP6M	VE7UF
JA2TBS	JA2HYD	W0DD	W5SL	W0LS	W4VIC
K1USA	K1GE		W7HPW	W1NA	W9ILY
KE9I	KF6HI	211	WB8ZRV	W2QO	
KF7PG	KS3F	CT3DL	ZL2AL	W7AL	202
N6HC	KX2A	JH1HHC		W7NN	JA8BNP
W7YAQ	N1GC	JH4CPC	208	W8MET	K2FW
W8KEN	N2WB	K6FW	EA1RT	YO2RR	K6NR
	N3RC	K6RO	EA8AXT		K6YUI
218	N4AA*	K7ZA	HB9CEX	205	K8KS
IZ0RVI	N5MOA	KE9ET	JA1NWD	JA5WIZ	KB2FCV
JH0BQX	PA7TWO	N2LM	JH4ALY	JA6WJL	SM3PZG
K1XM	SM3LGO	N4AA*	JH6JMN	JA8EJO	W5BPT
NE3F	W0AWL	N5MOA	K7ZD	JH7RXU	W5DAW
UR5FEO	W1AO	PA7TWO	KD3CQ	JR2UBS	WD9DZV
W5FKX	W1WC	SM3LGO	OH6NIO	K1KI	WW2DX
W7ZJ	W6SZN	W0AWL	RQ3A	K2MYR	
W8RLS	WB8K	W1AO	SM0BYD	K4MS	201
		W1WC	UW7UA	K4ZO	DL6JZ
217		W6SZN	W2OO	K5QX	I2MQP*
A65BR	IK2ANI	WB8K	WL7E	K5VIP	JA1LSP

JE1CTA	W2PS	NA2P	YO3DDZ	YL3DQ	185
JG0CQK	W5ZG	SM5CLE	ZS1A		AD7L
JG4AKL	W9PZT	SM5ENX		188	DK4TP
K1JIU	WB8CQV	TI5RLI	191	AD6W	DL8PG
K6TAR	WD4LBR	W0RX	HK4SAN	JA1SKE	EA1KK
K8YTO		W4RDX	JA1PMN	K0TV	EW1P
K9ZM	197		K0GY	K7WE	JR4VMS
OH2IS	JA3CMD	194	K1TO	KA4RRU	K1RV
TI5KD	JE2LPC	E70T	K7FL	KM4H	K3PP
YL2TW	JR2LJO	HK1MW	KF0LA	N0RB	K8RYU
	K1NJ	JG3LGD	KX4TT	N5BO	NA2X
200	K4CMS	JR7WFC	NX1L	PY2VA	VU2CPL
DL6MRS	K6UT	KI5BLU	WA1S	SP1DSZ	W1ITU
JA2ATE	K7UR	M0CSD	WC1M	W6AEA	W5QM
JA4XH	KD6UO	N1PM	ZL4AS	W7AH	W8HB
JA7JI	KZ0X	N3OC	ZS6WB	W7IV	
JR7FRW	LU8EKC	W5CWQ		WA4CEM	184
K7ZBV	N0AH	W6ENZ	190	ZP5JCY	AK1L
K9ALP	N1RK	YT2AA	EW3CW		DL1TRK
K9NR	N7HN		JA2KSP	187	EA4CQT
LA0FA	NE8P	193	JJ1SKG	CT1EAV	IZ5RVG
N4MHQ	NG0T	F5PBM	JR1MLU	DL1HRN	JA6CBG
PE1L	NN4R	IK0LNN	K4MZ	JK1EXO	JA6TMU
R3IS	PZ5RA	JJ1NJC	K9OR	K4WZ	K3GGN
SV9COL	R9MJ	JR4LNG	KD0PO	K5FNQ	K5KG
W5GZ	W8KA	K6UM	KU4BP	LB5WB	K8DV
W8WRP		K6ZZ	N1JP	OM7CA	K8NK
WZ8P	196	K8ZH	N9SF	SP6JIU	LA6UL
XE1H	EI9JF	N2DPF	SP3EPG	UT7KF	PY2MC
XE1KK	G3SVD	N5UW	UA3FF	VE6SV	SM5FWW
	IK0HFO	ND5S	W7SLB	VK3BDX	SP5IWA
199	IK5RUN	PA0JSE		W3RJW	W1UE
EA1DLU	JA1VLK	SM4CTI	189	W4LSC*	
I4MKN	K0KG	SM7BHH	AA4NC		183
IZ8IEV	K2BA	SP5ES	JA1DM	186	7K1PTT
JE3ENP	K4CM	W5WP	JH0RVY	G3NDC	DJ5IO
K2XF	K8BL	WW3S	K2QMF	JH2AYB	EA3GHZ
N0RN	PY1OL		K8TVD	JH4CBM	EA8RR
ON5UE	W2GW	192	K9GA	JK1GOK	F3AT
SM4BZH	W2YE	AE6Y	K9GWH	JR1BLX	IK5CBE
UA0SC	W3JX	I2YWR	KA1ERL	JR7MAZ	IK5PWN
W2CG	YB5QZ	JA7LGE	N7BT	K1BZ	JA1DOF
WA0I		JE8TGI	NI5F	K2XB*	JA8NFV
WS5W	195	K4OY	PA5TT	K3XA	JH4GJR
	A92BE	K5VWW	PY5CC	N8SNM	K1KA
198	AA8LL	K6PJ	RA3QUA	NA9RB	K8AJS
AK1N	AC6T	N4EFS	SM2DMU	NE0DX	K8RRT
DS1JFY	HB9DOT	SV1VS	W0YK	OZ8RO	K8UT
JA5BEN	IV3VBM	W4GIW	W1SSN	SM3PHM	KI4DLS
K0BBC	JE2RDO	W4RFZ	W2LE	W1EQ	N7TY
K0DEW	K4MF	W5ZO	W2OIB	W4SK	NA2U
K5GH	N1NY	W9JJB	W5KFT	WA7TZY	NA4EA
KJ6P	N4TL	WA4BIM	WT3Q	XE1J	R0FA

RX9JX	WK7E	176	JA5NPV	K1UU	KQ1F
W6JTI	XE2CQ	CT1ESO	JM2RUV	KD1F	LU2CC
W6KK		CU2CE	KA6BIM	KH2L	N0OK
W8IQ	179	EI2JD	KK4OK	N5ZC	N4AL
WA4TII	4Z4DX	K1IT	N5WA	N7KO	N4OA
	CT3KN	OH3OJ	NA5Q	N9ISN	NY3C
182	DL2CHN	PY2WC	NJ3K	NO9E	R5QA
F6DBX	JH1RFM	VE7VV	SM6CLU	OZ1IKY	RA3LAL
GU4YOX	JH6PFY	VU2NKS	SM7GIB	PA2TMS	RL3AA
HB9DHG	KD8RQE	ZL4TT	UA6AUA	W2NO	VE6AX
I5OYY	LA6OP		W3FI	W4DAO	W7JY
JA2FGL	N7TR	175	WA4DOU	W4HZ	
JH4ADK	NY2NY	IZ2AMW	WF4G	W9BEA	166
JQ6RUP	W2WC	JA1FJJ		WB2AA	9K2OD
K7UA	W5GAI	JA8LRG	172	WB6JXJ	I2DMI
KE1F	YO4DW	JA9CWJ	IK4AUY	WP3R	IZ4DIW
N7WS	ZL1BYZ	JG8FWH	JL3JTD		K4RG
N8NN		JH1DGQ	KY6R	169	K6EME
NW6S	178	K0GD	N4JT	G3WGN	K8ME
OH8NW	AC9EM	K4BYN	N5ET	IK8YTA	KN6KI
UA3O	DL6CNG	KM6HB	W2FV	IW1QN	KR0P
VE3YF	HL3GOB	KW4MM	W3BJ	K3PU	WB7QXU
W1PX	I0MWI	NA2AA	W3MF	K8OM	WC4B
W3MR	IK0AGU	SM5CZK	W4WJ	KT1J	YO9FNP
W5DNT	IV3TMV	SM7NDX	W6RS	N6UK	
W5VY	JG3SKK	SV1FKZ	W8OP	UN3GX	165
	KQ4EE	VK2DX		WB2WPM	G3UAS
181	N0AMI	W3TN	171		IT9GSF
AA4DO	OE2SCM	W7CD	DL7JRD	168	JE2HCJ
JA2XCR	RW4CY	WA1FCN	DS4AOW	DL2NOM	K5CR
JH1ROJ	W5QP*	WA1PMA	I8LWL	EA5OX	K5FZ
KA8SYV	WA5IPS	WT4Q	JA1IOA	IT9BLB	K9SG
SV1IW			JA1QIW	JA2FSM	KQ4AV
W0GG	177	174	JH1APK	K1ACL	LX1KC
W4MAY	AA6RR	EA8AKN	JH1WJR	K4VIG	N2GZ
W8FIB	DS5TOS	HB9BXE	JI4WAO	K7HC	OK2BUZ
WA9PIE	EA2AFV	IZ5BAM	JK1UVP	N0ABA	SV1GYG
	JA4DHN	JA7SFD	JN1GTG	N8AGU	WA0SXV
180	JR5JAQ	JM1BPP	K0MD	SM4OLL	WA4VA
DL1KUR	JR6GIM	K1RI	KE4UW	W8JRK	YO2CMI
EC1A	K1ZN	K4EA	KU2A	W9FI	
JA6GIJ	K5UZ	K9HQM	N4LR	WA4AFE	164
JA7IC	KA2CYN	LA8HGA	N4UOZ		DJ1TO
JK1BSM	KL0S	N3ND	N6RV	167	EW1KP
K0LU	N2RJ	OE3SGU	N6ZN	AA7XT	HA5WG
K2CBI	NT2A	SV3KH	W4CCS	AB2E	I8DVJ
KK1W	RA9SC	SV9AHZ	W4NJ	I0KRP	IV3BKH
N4PY	VE3OI	WA4JQS		JA1DOT	IZ4DPV
OZ8SW	WB4YDL	WF2S	170	JA5BGA	JE3CYW
SV1BYI	WD9Q	ZL3JT	EA2AA	JA9CG	JH2HFD
SV2DCD	WQ7B		JA3MF	JH1APZ	K2RET
W5WQN		173	JA6SRB	JL2JVX	K3EA
W9YE		HI3T	JR3UIC	K4WM	K4JC

K9UQN	K4JKB	PA0TCA	N3XM	W4HOG	SV8LMQ
KA9OKH	K4MM	W0K CJ	N4DWK	WK4Y*	VE1DUN
KK4OW	K5RJ	W5GA	OZ5NJ	WO9S	W8MIL
LU2DSL	K9RR	W6CUA	UA4PK		W9GE
N4ZY*	KT2C	WW4LL	W4PV	154	W9SE
N6GP	LU2AH	YO4AUL	W5PJR	CT1BWU	WE4S
N6NU	UA0FO		W7RN	DK3BK	
ON6AA	W6WA	159	W7VY	JH7LBE	152
RA3BL	W7HR	9M6YBG	W8BBQ	K0THN	AB4UF
RX4HW	W8GNM	EA3CJ	ZP5ALI	K3WGR	AF2C
SM6WET	W8PC	F5NBX	ZS2EZ	K8RF	CU3EQ
SV2DGH	WA5LFD	F6ECI		KE4VU	DL6LIM
VE1OP	WA8CDU	HB9DDM	156	KG4CUY	EU1DX
W1JA	WW1N	JA1JAT	DK0EE	KK4HD	G0VXE
W2YR		JA1MZL	DL9DRA	KR6C	G3LUW
WB1S	161	JA8FFM	IW3GJF	N8AYY	K4QD
WY1G	E74A	JH1IAQ	JA1QGC	RA0BA	K4ZA
ZS2DL	I0OSI	K2TA	JA5BZL	RD9M	K6XN
	IU0LFQ	K3MD	OZ4VW	RT5A	N4IQ
163	JA1BPA	K5RA	SP5ELW	SM5BEU	N6PM
DL3KZA	JA1SDV	LZ2JF	W2FK	SP6EIY	SM2HWG
FG5FR	JH0NOS	N6MA	W7CA	UT6UA	VE7XT
HA5BSW	K4HMB	NA5Z	W7MEM	VR2MY	W0LYI
JE8CLT	K8CC	W1LY	WB2AQC	W2UB	W1MR
JF1LZQ	KC6X	WE1P	WM0X	W3KHZ	W3NS
JF3PNQ	N1NK			W4UEF	W4NZC
JH1IED	N3HBX	158	155	W6DX	W4TNX
JJ2EMF	N6TR	AA4FU	5T5PA	W6NK	W9JA
K0TPP	N8NA	BA7IO	9A1A	W7IUO	
KR2Q	N9OY	DL4NBE	CT1DKS	W8IW	151
KZ1W	SM5ARL	JA1SHE	DH0GSU	W8MHW	4X6ZK
N8PCN	W3ABT	JA2ITK	DL5KUA	WS1L	DK3UA
NC4RB	W4KA	JA8XQI	DS3HWS		EA7OH
NY4G	W5VU	LA2GH	EA1JO	153	EI3IO
VK6LC	W6YOO	ON6YH	JA2VMU	7K3QPL	HP2AT
W5JAY	W8CD	RU3UR	JF7RJM	AA9GR	IK1MDF
W5PF	W8HMK	SM0DSF	JH1VHU	DL5XL	JA6COW
WA2UKA		W1GQ	K2DC	EB3CW	JJ1BMB
WA8JBG	160	W2OR	K3FRK	EI2GLB	K4KGG
YO3AIS	DL7UPN	W2RA	LA2RZ	JA0NPQ	K4ST
	F9XL	W7WZ	N1MD	JA1OVD	KJ7M
162	JA5PUL		N3IQ	JA1QOQ	KM1C
DF7EE	JA7XBG	157	N4IG	JA2BUR	N4HID
DL1QQ	JE1PHH	G4AFJ	N4QM	JA7GYP	N9XX
E73D	JE2UFF	IK0EFR	N8WRL	JH3HTD	NF1G
G3WW	K1EO	JA2EJI	NK0S	JR1DUP	NF4A
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JA3RQ	N3NR	K2CDJ	RN3QO	KH6AT	UA1CEI
JA7BEW	N3RR	K7JH	SV1FJP	LA5SJA	VA3XQ
JH1RGG	N6RK	K7LFY	VK4CAG	N2FF	VK2GR
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K2AT	ON4ANN	N0VVV	W2HUG	SM6AOU	W4WW

W7FI	ON5TW	WF5E	W2FB	W3DM	140
W8VVG	W2KA	WS1F	W9MJ	W9HZ	AA4US
WA0ROI	W4UCK		W9ZCL	WA5NFC	AB0RX
YO6HOY	W5JMW	146	XE1MEX	WB2GOK	AG5W
150	W5ZPA	DD0VU		142	EA3CZM
AA4DD	W6RFF	DK3QM	144	AA0MZ	HB9DQV
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DL7AA	ZL3RJ	JT1BV	JA0GCI	IK2WPO	JA7KQC
EA1AF	148	K1PL	JA1UXC	JF1RYU	K0OK
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HL2KV	JA1CZI	K6LRN	JH1EIG	JN7DOS	KP4P
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J11WLL	JN3RBE	KK6T	KA0CDN	K2CS	N3TR
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K4NC	K2RU	N5CQ	N1KC	K8ZZU	N6QI
K4WFM	K4WJ	N7JB	N3MK	KD5R	NN7X
K4XU	K7CMZ	SP3F	N4SC	KI1U	OZ1HPS
K8MN	KS4S	VE3UTT	N7OJ	KK9H	SM0XBI
KB4MRX	N4NW	W0MS	NZ3O	N1BZ	W4DEE
LB7ZG	N4TOL	W2JLK	R7LA	NA9A	WQ8T
N6WT	N6IG	W4GE	SP6AXW	NG0G	YL2AP
ND0F	W1OP	W6OUL	W2ZI	NU4Y	139
NU4I	W1YRC	W7TSQ	W4NBS	W2TB	CT3DZ
NZ2L	W8WFN	WB3LHD	W6BCQ	W2TX	E21EIC
OE3KLU	WA8MCD	ZS6UT	W8SAX	W9IL	JE1DXC
PY2DS	WB2HJV	145	WA1YTW	W9ZJ	JF0JYR
SM2GCQ	WS1E	AA0KA	WC4H		JH7BKN
VE3EK		DL2RD	WW1WW	141	K0EOO
W1JGS	147	DL9GTB		AB5GU	K3NF
W9GXR	AD6ZJ	EI6IZ	143	AH0U	K3SW
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WB4JTT	DK6OR	F4FLF	IK2RZP	HC1BI	K6LPO
WO3Z	DL6KY	IK2DZN	JA6IVR	HL2DBP	KE4S
WV2I	EA5BZS	IU8FRE	JA7FWR	IK2SGB	KE8UM
149	G4XEE	IW0HOU	JA9APM	JA8UIV	KH6DX
AA8R	JH8BOE	IZ4MJP	JH1SJN	JH6WMJ	KL7J
JA0LXP	K2CYE	K4WES	K2HAT	K1XV	KO8SCA
JA1ADN	K3PT	K4ZNC	K4EB	K4YJ	KS3L
JA1SGU	K5CD	K5EWJ	K4WNW	N6PAT	LA9FFA
JA4ZA	KD7H	K8SIA	KB7V	OH4UI	N0STL
JF2WGN	LA5XGA	N4UFP	KW9U	RW4NJ	N1IA
JR1WCT	N7MQ	N7MB	N2SQW	SP7ICE	N8NB
K0KP	N7TP	NA6MG	NW8F	W0MU	N9KW
K8AV	VA3IC	OE2GEN	RA3CO	W0RXL	NN6K
KD4OS	VE1VOX	SM7CQY	RX3BP	W0VHF	OH1JP
KM2E	W1WEF	UA5D	UA9AM	WA4NUF	PP1CZ
N2ZZ	W2/CT1GIF	VE3UZ	US2WU	WE9A	W0TM
NX2X	W6BK	W0SR	W1ENE		W9CSX
	W7EYE	W1ER	W2NRA		YB1UUN
			W2YK		

138	W6TK	JR1CAD	XE1FAS	N8XI	WD8MGQ
AA5B	W7KSK	K0SRL	ZS1J	NA4CW	WT9U
ER0FEO	W7QDM	K1DJ		NJ9C	WW1V
EW1LM	W7QHE	K1SM	133	NY9H	
FG8OJ	WA2USA	K5LC	AC5AA	OE1ALW	130
HB9AZO	WB2KSK	K7ACZ	DL1MEV	R7LP	AA9AA
IK2HDF	WB8BZK	K7LY	DL5JS	S53MJ	DJ4SO
IW0BYL	WO5I	K7WK	HP3TA	UA3SAQ	DL9GCG
JK1TCV	YV5OIE	KN4JX	IK6COX	UA9AGX	DL9JI
K2WK		KO4PY	JA0AXV	VA7XX	EC5A
K4KAL	136	N3KN	JA0KJE	W0UVC	HK3MCM
KE7LU	9H1AE	N4CT	JA2BL	W0ZT	IZ0BTV
KF4VTT	AG1I	N6PSE	JA3UCO	W3BNN	J68HZ
N2KX	CU3EJ	OE3EPW	JA6BF	W5RYA	JA6GPR
N4MI	DL5SBA	OZ7FOC	JH4RLY	W5WLA	JA8BAR
N7WO	EI4BZ	PT7CB	JM3GXU	W9RB	JH3GCN
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ND9G	HK3PJ	VE1JBC	K4IE		K4VX
OZ0J	JA3BXF	W1DYJ	K5ALQ	131	K5ZQ
PY2IQ	JA7NX	W5BN	K8KY	AA4EA	K6ME
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W1DXH	K2AJY	WA3PBL	KM8AM	DJ2RB	KC4AA
W1ZZ	K3SX	WB0N	N4AOE	DL4ZAB	KF7NN
W4DN	K4AMC	WB2NPY	N8KU	F2NH	KP4DKE
W5RF	K4YP		NT5O	G8AJM	M0IKW
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WI2E	KM1A	DK2BI	W6MVW	JH8JBX	N8IL
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XE1ILI	N7NH	HB9CQK		JM1VRW	PY2FN
YO3VU	N9JR	HI8RD	132	K1UM	SK0QO
	NE4A	HL3AMO	9AY2K	K7LAZ	SM5BNK
137	NU1O	JA8ALB	AA3TH	K8EB	SO5AS
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EA5KA	VE3YXO	JG3HBO	CT7ANG	K9JU	W0JM
HB9ACC	W3AKD	K5HK	DJ0AH	KK7YC	W1FA
IK3DVY	W5JE	K7KB	DL3IAC	KM4A	W3JXP
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JA1KPH	WA0RVK	KC5LK	IV3TMM	KV4T	W4SW
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K1VI	WD8LTM	N9RD	JA1FUI	N0TK	W7FP
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K3FM	135	SM5CSS	JN3TRK	ND7K	WF1H
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LU2BA	CT3FN	W0QQ	K4DSE	RU3UN	WO5D
NA1DX	DM2RM	W1OG	KG8CW	VE7TK	
NC6A	F6KOP	W1ZS	KJ6Y	W4SD	129
OE5JDL	G4FJK	W2DXE	KW4CQ	W8FAX	AC4VM
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W3IZ	JA3VPA	W6EJJ	N2XQM	WA6EZV	CT3CD
W4MA	JA4HAW	WA1NXC	N3ME*	WA6TQT	DF7GG
W6DR	JE2VLG	WE2N	N4DJ	WB0PWA	DL3LAB

GM0CWR	JO4CFV	EW4A	K8GWU	AB6CF	KD0S
HL4CCM	K4LQ	JH4GNE	KC8IVC	AC4BT	KN9N
I0LYO	KA1O	K2QB	N4ENE	EA2AAZ	KO1H
JA1EMQ	KD2GC	K5TU	NB3R	G3VAO	KT8D
JA7EU	KE3X	K8FZ	PT2CSM	IK0WRB	LA6EIA
JF7NNI	KE4BKL	KI3O	RA0R	IK1RLI	N1SZ
JH1UBK	KL1V	KI5GD	RT2O	IK4BHO	NT9F
JH3FHQ	N1BCL*	KS0M	SV1EOG	IK4HLO	SM0MPV
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JR7ILA	N9LEO	N4LV	WB2GAI	JA2JRG	VE7ON
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K6QU	W1PNR	N6PEQ	124	JH1DGJ	W1GF
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K9FZ*	W9HBH	N9DR	F8EZE	KD3HN	W4RS
KD2T	WX2CX	NA4MM	G3XLF	N6NT	W5KI
KE1VT		OH7TV	HL2CFY	NC1M	W5UE
KF4NEF	127	OZ9GA	IK0OPS	NG7M	W7BJN
LU2JCW	AA6RE	W1BYH	IK4TVP	NU1B	WB1EAZ
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N2NW	DK5RL	W4PG	JA1TD	OH2BEN	WR2G
N3AIU	G4FKA	WA9DU	JA2AH	PT7DX	WV1R
NH6T/W4	HA3OU	WB3D	JE6UWU	PY2RN	ZS6IR
PY3SB	HA5PT	WB5STU	JF2QNM	SV1CQN	
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UY1HY	JA1FHK	WV1X	K2SN	W2PSU	7M4AOE
VO1AU	JH3PRR	YB2DX	K3LA	W4GKR	AB2DP
W4LIA	JN1MKU		K6SLO	W6PH	AD4AA
W5THT	K0AZ	125	K8YYY	WA8Y	CU3AN
W8JA	K0LB	AA3AZ	KB9S	WC4V	EI8GS
W9RC	K3OK	AG7N	KM1R	WQ1H	F6FYD
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WA5NOM	K8KI	AL7TC	MU0FAL	122	IK4TVQ
WB4CW	KF2TI	DL9BM	N0TR	9A3LYL	JA2ACI
WD5BJT	KF8N*	EA1P	N1YX	AA7FL	JA2OLJ
WY6N	KW2J	EA5RD	N3KR	AA9RR	JA3EOP
	KX9X	G0HIO	N4KM	BV1EK	JA8EIA
128	N9JCS	HB9JG	N6VI	DF3EC	JA9GLW
7M4CLF	W4GP	HB9JOE	N6XT	EC1AIJ	JH1AEP
A71AM	WA2ALY	IK2RPE	NN4K	HB9BEM	K0FG
AG8L	WB2KSP	IZ5EKV	NS4F	IK6BOB	K0QQ
DL3BUE	WC5E	JA0ED	W5BK	IT9CVO	K1MAA*
DL6NW	WV4TN	JA2QCX	WA4QMQ	IV3BSF	K2WJ
HK3O	YT7T	JA6EXO	WA8RCK	IZ8EJB	K3AR
JA3AYU		JG1SWM	WB4SON	JA1CPU	K3IXD
JA3WLN	126	JJ6DGP	WR7Q	JA3EEM	K3RWN
JA6JNF	4X4MF	K1TWF	ZS6NJ	JE3GUG	K4GM
JE3BIQ	DK3FB	K2PF*		JE8IGW	K6WRF*
JE4CIL	EA4EPY	K2ZZ	123	JF1WLK	K8CXM
JF2VAX	EA7JB*	K5QR	AA4UC	JP7FSO	KB1HY
JM1HJG	EA8MT	K6BZS	AB6BT	K4KAY	KD8BZY

KM7R	WD9FLI	I5CRL	K4AU	AB1J	ES3VI
KT5X	YE6YE	JA2NNF	K4SX	AK4AO	G0JJG
LB5GI	ZS1C	JA7KE	K4ZIW	CT1FCX	HB9VAB
N3OUC		JG1WNO	K5GM	E77S	I6DQE
N4BAF	119	JG3KLF	K6CF	HB9IIO	IZ0CKJ
N4QWZ	FG4NO	JG3RWX	K8ZM	JA2DHG	IZ0GYP
N4TKF	G8BCG	J11FXS	KE1IU	JA4VLK	JA1OVF
N7WR	HA8UT	JK1UNZ	KG6D	JA8BZL	JA4EVN
NY7T	HB9RYZ	K3IZ	KK9T	K0BFR	JA8GSN
W1OK	I1YDT	K6IPM	KM1H	K0COM	JH1RVQ
W3NRJ	IZ6ERS	K6UXO	KM5G	K7VS	JH4VDP
W4NE	JA0CVC	K7UPJ	KS9R	K9LCR	JK1SAI
W5FL	JA1DXR	K8IKE	KU4V	K9ZG	K0XP
WK8A	JA8ZO	KB1AWM	KZ9DX	KU1T	K1HJC
YB1AR	JM1GYQ	KB2XJ	LX2PA	LZ2ZG	K4MIH
	JR2CFD	LY3BS	N0IW	N2SU	K4MIJ
120	K0IIR	N1FOJ	N1DC	N3ER	K5AX
AA4LR	K1LTJ	N2CG	N3RW	N4HGZ	K6IPV
AD5WB	KB4CRT	N3MLV	N7AU	N4QVM	K7QA
DL1EV	KK4QN	N9DJ	N8JK	N6NBB	KB0EL
DL2VFR	KN7Y	NA5S	NC8I	OH1NSJ	KE7PB
DL2VWR	LZ2HM	NO2C	NS3L	PA2R	KK0T
EA4UV	N2RR	TA1L	NW2I	SM1NJC	KK5OQ
F6HLC	N6OJ	VA2IG	OE1HHB	UA1OM	LT1F
HB9FBG	NA2R	VE3PNT	ON4AGX	VK5GR	N0OP
IK7YCE	NM1G	VR2PX	PT2BW	VR2XMT	N8SHZ
IK7YZG	NU1T	W0UY	SP7QHR	VU2ABS	ND4Q
IZ5EBL	SK6SJ	W4SKW	SV2CLJ	W0ANZ	NK2H
JA3BLN	SM6NJK	W6DE	SV3RKM	W0PE	UU1JA
JE1HRC	VA3HP	W6GM	TA1AL	W1GWN	V51YJ
JF1EGO	W1NK	WA3GM	TF3DT	W1NR	VK3OT
JH1LZU	W2EQ	WA4USA	UT2VC	W4ARK	W2HAZ
JH6CDI	W5MF	WB4PWZ	VE7ACN	W4CZ	W5GO
K1TKL	W5UHQ	WD6T	W1NT	W4DFU	W5HNC
KD4POJ	W6IS	WZ6Z	W1UN	W5WS*	W6QON
KF8HR	WB2ZAB	XE2YWH	W3WN	W7RR	W9RXJ
KI4TZ	WB3BFC	YB2TX	W4OWY	W7VJ	WA5CMI*
KK0DX	WB9WHQ	YO3JF	W6KR	W8VK	WN1M
N4PGL*	ZL1WG	ZL3AFT	W9BB	WA2EOV	YO3HOT
N5BA		ZS5LEE	WA2BOT	WA8LOW	
N5PA	118		WA6JA	WB8FIW	114
NI4Y	AA4NG	117	WB1DX	WC2C	AA4H
NW4M	DL2RUG	DL2TOS	WB8IZM	WC3W	AB4GE
SM6VR	DL5MX	EA5DFV	WC0W	WJ1B	AD4XV
SV3AQR	DS5ACV	G3PSM	WP4CQ	WQ5C	AK3E
VU2PTT	G0MFO	HL4GHT	WS4H	WV4V	CT1ELF
W1MJB	G3YFE	IK0XIH	XE1R		DM5JBN
W1XV	G3ZEM	JA3AVO	ZP5FGS	115	F1RAF
W5EC	G4CWD	JH8KFE	ZP6VT	AC0B	HK1X
W5WZ	GW0ANA	JR6GHN	ZS4JAN	AJ8MH	HL3DE
W6HDG	HB9BOI	K0MP		DL4FDM	JA0EVI
W6UA	HB9DLE	K2TER	116	DS5DNO	JA2LHG
W7HUY	HL3ERJ	K4AR	4X1EL	EA3CWK	JA3VUI

JA7VEI	EA5B	AA9WO	W4EB	ND4X	JJ2VLY
JE1LPZ	EA8TZ	AD1S	W4EJG	NE1RD	JM1GAW
JL3DGI	EI8IU	CX2CC	W4PNY	NJ1H	JR1RCQ
JR1ATQ	IV3KCB	DF2WF	W4UAT	NV4B	K0HP
K0BRO	JA4JSV	DF5CD	W5MJ	OE1JIS	K1LZ
K1QQ	JH1BAM	DJ7JC	W5TFV	OE3JAG	K2GLS
K4GO	JH3GRO	DL8DYL	W6CN	OZ3SM	K3EE
K5LY	JR1EYB	EA6EE	W7QC	RV3GW	K4DET
K6GWN	K0HB	EI7GY	W9LYN	UA6MA	K7JI
K6PT	K0PC	G4DBW	WB4CTX	W1HEO	K8LBT
K8CQ*	K2SD	G4RGK	WB4FNH	W3ML	K9ARZ
KF2DT	K2TG	HK4EB	WX4TM	W3WH	K9GY
KM3J	K5TIA	HL5BMX	YU1GM	W4WT	KB2RA
KX2S	K6OJ	IK8GJR		W6IHA	KB4FXE
LA4RT	K8SM	IZ1JMN	111	W6ZPL	KB5GT
LA4WJ	KB6CIO	JA0HC	AC0X	W7AM	KI0I
LA7QI	KC9WPS	JA3UNA	AG1A	W7NP	KK4TK
LA9XGA	KM4NS	JA9RT	AI1W	W8QWI	KM5VI
LU1FM	N1ZJ	JS6TWW	DK9WZ	W9GG	KS0Y
MM0BQI	N4JQQ	K0UBR	DL1DH	W9KX	N2KW
N2YBB	N4MEC	K0XM	DL8JJ	W9MMZ	N4ANV
N6DHZ	N6AA	K1KOB	EA4EJP	WB9MSM	N4CO
N6RJY	N6RC	K2DW	EI1DG	WD9IOK	N8NH
N8AID	N8RF	K4IU	EU1TT	WE2L	NG4C
N8KUS	N9RE	K4ULA	HB9LAK	WF2Y	NW6V
N8WXQ	ON6LY	K4ZMV	I2QMU	WN7J	NZ5O
N9NB	ON7BJ	K6EGW	IK1IYU	WO2Q	OZ9U
NA9Q	PP2FN	K6LD	IK2PZC	WZ1Q	R0QA
NU4B	PV8DX	K7DS	IZ0FUW	ZP9MCE	R6AZ
ON6KE	RL3BZ	K7SX	JA0KJD		SV8RX
OT1A	VE7BZ	K8LE	JA3QOS	110	VE2GHZ
OZ9XU	W2PD	K8WHA	JA9FO	AA5N	VE3YV
PV8ABC	W4CC	K9UVK	JE1GWO	AD4YQ	W0QL
W4TTY	W5RDW	KD9ZR	JH0OXS	DF1JM	W0RI*
W5SJ	W8AEF	KP3R	JH1ERJ	DL2AMD	W0VM
W6WF	W8BI	KR4DA	JH1SBE	DL4IW	W3SB
W7BV	W8QZA	LU3XX	JH6DUL	DL8XDA	W4GF
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W8UMA	WA2AOG	N3NO	K1VMI	DS4CNB	W9WO
WG0G	WA9JWL	N4WOT	K3GW	EA5HM	WA7HQD
WN6K	WB4DNL	OZ7QB	K8CCV	G3WXX	WD1M
WR2V	WK1Q	PY6TS	KA4H	HB9AGO	WX3P
WW0E	WW5L	R3BB	KB0HJ*	IW0HQE	YB4IR
WW8RT	WY7M	R7NA	KB2HK	IZ8EKL	YV5LI
XE1EE	XE2MX	SP1NEN	KI4LP	JA0UMV	
	YB0EIN	VA7ZT	KI7M	JA1EMK	109
113	YE1AR	VE3GFN	N1KM	JA1KZP	AA4MD
6K5AQY	YV4DYJ	VE7NY	N2FY	JA1XRA	AA4ZK
A92IO		VK6OZ	N3BOB	JA2KTP	AA8BN
AC9X	112	VK7ZE	N7DED	JA2MNB	AJ9K
AJ8B	7N4OBV	VU3WEW	N7TM	JA4RED	CT1CQK
AK1P	AA3K	W1ASB	NC6K	JE3CHA	DL1TPY
DD0VE	AA7UN	W1RG	ND3L	JF1KKV	DL2RTL

EA3BL	AE4VJ	W4PGC	N3YZ	JH1AGU	YB0JH
EA3GCT	CO7RG	W4WNT	N4KZ	JH2PWY	YC0LOW
G4EHT	DH4RL	W8ZR	N5PO	JH8DEH	YO3NL
HB9DRS	DJ5EY	WA4YYM	N5TF	JH8GEU	ZL1BBW
IZ5GST	DL3ANK	WA6KHK	N6ER	JR4CZM	
JA0HXV	EA5DKU	WT2P	N6JM	K0CF	105
JA6JYM	G0KHO	WU4B	ND9M	K0GEO	9L1JT
JF6AKS	G3VXJ	WY2E	NQ2O	K0GK	AA4UJ
JH6WDG	G4SSH	XE1OX	NQ4A	K0HQW	AA4XR
JI4HKA	I7PXV		OZ2TF	K2IE	AB2NI
JI5RPT	JA0DBQ	107	SM3JLA	K2JK	AC5O
JR8AMF	JA1SZN	4Z4KX	UR4CW	K4GZ	AH7G
K0MFI	JA2CPD	7L3SQL	UR4IOR	K4RP	DL6DK
K1RY	JA5OP	AI9U	VK3NX	K5MMH	DL9NDV
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K7CU	JJ7XTV	DK3TL	W3UI	K9AAN	EA5XV
K7IA	JK1MZT	DL2KUA	W3UTD	K9SUH	F4DSE
K8AO	JR3QHQ	DL6ZNG	W7JET	KB9AIT	F8GB
KB8KIM	JR7GBL	DL9QJ	W8LWU	KF2OG	HB9CA
KC4HN	K1KZ	EA1AA	WA2PNI	KF8VX	HB9DVZ
KC5LT	K3HW	F8DZY	WB9UQE	KJ6ZH	IK2DJV
KD4W	K4AFE	G0RPM	WC2K	KV4AA	IZ5IMB
KG5VK	K4DB	G3RZP	WD4IXD	LY2PAQ	JA4HXF
KP4AH	K4JDV	HA8UB	WF4W	LZ1HY	JA6MWF
LA2IR	K5LA	I4FGG	WM4AA	M0RTP	JH1XFR
LA7EIA	K6DJ	I5XFD	WY0V	N0MR	JH2AHZ
ND1T	K6NS	IK6CGO	WY4I	N4LB	JH3AEF
NJ0F	K6XJ	JA1ASO	WY9V	N4WMB	K2IUK
NN4RR	K7QBO	JA1CJO	YB0WWL	NA7RH	K4MV
NR3Y	K8ZT	JA3FHL	YO5OEF	NK7L	K4TXJ
OZ6PI	KA1API	JA3GAK		NZ0O	K4VMT
R2ARR	KD4RH	JA7XRO	106	OE9SLH	K5FXB
SV1XV	KD4SN	JH1AQN	7J1ADJ	OZ7BQ	K7AWB
SV3EXP	KE4KMG	JM7TKK	AB6FI	RC3D	K7KJ
TA6N	KE9XN	JO1ABS	DL7AB	RV6ARZ	KB4KBS
TF3JB	KF8DX	K2WR	DL7UGO	SA0AQT	KB5HC
VA7QI	KX5V	K3WC	DM3CW	W0TF	KC4PX
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VK2DAG	N1HO	K5VR	EA3LX	W1ECI	KE7UL
W0QC	N1TA	K5ZO	EI4DQ	W1PY	KE8G
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W3HKK	N8KOJ	K8POM	F5RZJ	W4PGM	KN7K
W5XU	NN7A	K8YE	HC4L	W5GML	KO4XM
W6EKR	OZ1OXQ	K8ZEE	HG6IA	W5PD	KR4U
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WA7BNM	TF1A	KA1DJ	HL2EIZ	W9FY	LX1EL
WI7N	VU2IT	KA6V*	HL4CBX	WA3DCG	LY3BA
YB1TJ	VU2OT	KI0G	IZ4COT	WA3FRP	N0ODK
ZS2ACP	W0YDB	KI7HO	JA2VHO	WA7BNG	N1XL
	W2GHD	KM4FI	JA4CZM	WB8RFB	N2PL
108	W2ZK	KP4N	JA4VUQ	WD3P	N3AS
9A3ST	W4EW	KR9A	JA9IFF	WS7W	N3ZA
AC7ZG	W4GD	N0ATQ	JF1CZQ	XE1V	N4FN

N4KEB	IK4QJH	W4RQ	K1XE	W8KTH	K0GX
N5OGP	IK5BOH/2	W5AP	K2GW	W8LAQ	K0IL
N5RN	IV3EHH	W5FPT	K2YEH	W8MSP	K0ZM
N7NM	IZ8FDH	W5NX*	K3GP	W8PAT	K1CN
N7VPN	JA1KXY	W6FUV	K4MQL	W8PE	K1HC
N9AX	JA2DCN	W7TUS	K4SAF	WA7IHN	K2FJ
NS4X	JA3MIO	WA4TMJ	K8CR	WA8MOA	K2MHE
OM8FR	JA4AO	WB2UFF	KA2F	WA9BXB	K3IU
PA2SWL	JA7TQK	WB6MBF	KB1CQ	WA9IVH	K4CKS
PV8RR	JA9IWR	WB8EKG	KC1XX	WB2EBS	K4NI
R3LO	JE4WOK	WN0L	KC8YDS	WB2GMY	K4OP
RA6XV	JQ3TAN	WQ5G	KF8PD	WB2P	K4VUD
UQ2GM	JR2PAU	WX0Z	KI5GF	WB3HLH	K5PV
VE3MSK	K0FF	YL2IP	KM2O	WB4GLI	K5RKS
VE9RJ	K1TU	YO5QAW	KN4T	WB5TOI	K6JJ
VY2RU	K2DF	YO6BHN	KP4GC	WD4AFY	K6VMV
W1KMA	K2RNY		KS4Q	WE9M	K9QA
W1USN	K3NQ	103	KT6LA	WK5X	K9QJ
W3DAD	K3XO	AC4CA	KW9K	WN5K	K9WA
W4CU	K4KFH	AC6ZM	LU5OM	WO7V	KA4JNB
W4WIV	K6JAD	AF8C	M0PCB	YB9AY	KC1OPD
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W5SUM	K8FB	DJ3NK	N1KI	YO4AUP	KC4GKY
W6SIY	K8TS	DK7VW*	N2QLT	ZL1ANJ	KD2SY
W7VS	K9BJM	DL1ET	N2ZL	ZL2AO	KE3ZT
W7ZMD*	KA5RNH	DL1SVA	N5RA		KE5FXE
W8EH	KD3UY	DS4DBF	N5YY	102	KK4CLY
WA0GOZ	KE1B	EA4DEI	N6DW	AA1DN	KM8V
WA0WWW	KF0RQ	EI5GM	N6FS	AA1IF	KM9Y
WA4HXC	KF6E	EI8IQ	N6IBP	AB5YI	KU0S
WA6URY	KF8AR	F3SJ	N7NF	AD0TR	KV1M
WA8A	KH6XT	F5VML	N8TFD	AD5BV	LA9PHA
WA9SQH	KI4RD	G3LAS*	NA6O	CT1YH	N1EDN
WB0CHS	KK8MM	G3VDB	NA8W	DJ3XG	N1IN
WB3AVD	LA3ANA	GM4ELV	NM4Q	DL2XN	N2MG
WB4KZW	LZ1SW	HA0IT	NX1P	DL5PW	N3DAP
WB5IUU	N2PK	HL9HH	RA3LD	DS5JMG	N4DJT
WD1X	N3COB	I0BJV	RM4C	EI9FVB	N4PAJ
WK1J	N4PF	I6XGZ	RZ6LB	F5UJK	N4WD
XE3ARV	N5QS	IK5TBK	SV2DSJ	G0UGO	N6VNI
ZL1ANH	N7YQ	IS0/YO3RA	VE1GBD	G0UII	N8WL
	NR0T	IS0MVE	VE1HA	G3JFC	N9HUK
104	NT6AA	JA7FAS	VE3GLA	G4AYU	NA3M
AA6PG	NX3A	JA8AQ	VE3MIS	HC1HC	NG4P
AA6XV	NY2E	JA9IPF	VE4JBB	I7LGM	NI7F
AF6O	ON6NG	JH2CYU	W4TJE	IK2ECP	NX3Y
AI4WW	RW3QHN	JH5OTE	W5SG	JA3MHV	NZ3L
DL6DCD	SL0AS	JK2VOC	W6OP	JA3VQW	PF7M
EA8TK	SM5NAS	K0BX*	W6SA	JF1MTV	PR7AB
F1ICS	TI4SU	K1EP	W6SFK	JH1GNU	SM7TZK
G4GEE	VR2KF	K1FE	W7IH	JJ1KZZ	UA2CZ
HA0EQ	VR2XYL	K1HDO	W7IU	JJ2BLV	UN7BK
I3DUB	W1TW	K1QN	W7PC	JO1MOS	UX4UM

VA7FC	K1YA	ZL3NW	K4HEB	SM7DXQ
VE3KKB	K2RB	ZL3TE	K4LRX	SP5ZCC
VU2MB	K2UT		K5HX	SQ5M
VU2MSA	K3DFL	100	K6MKF	SV8RMA
W0FF	K4RDU	5N0ETP	K7NW	TA2AD
W0PXM	K8ARY	A41ZZ	K8TLC	UA4PT
W2PP	K9EA	AA2MF	K9EXY	UX5XK
W2XX	KA1NCN	AA2VG	KB3KJ	VA1SEA
W3ATV	KA4IWG	AB4KJ	KB4CP	VA3VF
W5TZN	KB5NJD	BA4TB	KC8YG	VE2ACP
W8DN	KC0V	DL3XAC	KE8NOA	VP5JM
W9LU	KD0AA	DL6ZBN	KF1P	VU2DED
WA8COB	KD1YV	DO2UDX	KF9WV	VU2LBW
WM0G	KM4EX	EA2RY	KG6KH	W0GXA
WY7FD	KM4HQE	EA4S	KI6PG	W1KQ
YL3GDM	KW1DX	EI5GSB	KJ4EX	W2RL
YV1AVO	KZ1X	F4HAB	KJ4FZ	W3ACO
ZS2Y	LA9JKA	F5RQQ	KJ4UZU	W3EP
	LA9VBA	G4NBS	KQ4LA	W4MIR
101	N0IRM	G4SGX	KS4XQ	W4UT
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AA8SW	N7ELL	GI0VJE	LA8W	W5TUF
C93PA	N8LIQ	GM0NAI	MW2I	W5WI
DJ3GZ	N9OK	GM0VIT	N2JNE	W5WS
DK8IZ	NE5W	GU0SUP	N2KI	W6OU
DM5TI	NK6O	HB9CZF	N2SG	W6PG
DS2BGV	PY2CP	HL4XM	N2XTT	W7NUW
EW2CR	RW9LL	I8YAV	N3MX	W7SMW
F2AR	UA3FT	IK0UTM	N4GOA	WA9EZT
F6ARS	UA3UCD	IZ0GKB	N4PYI	WB2AMU
F8DHE	UA9CIM	IZ4IRO	N4UP	WB6RAB
G4VWI	UR3HC	IZ8EYN	N4UY	WD1Z
G8GNI	UY5AR	JA1BDF	N5CR	WI0E
GW4WND	VE3SKX	JA1EYN	N6DKZ	WK3A
HB9GWJ	VE6TL	JA2ODB	N7KDT	WM1L
HB9HFM	W1VEM	JA3BKP	N7ZT	WM9Q
HI3I	W3DIY	JE4FNC	N9AKR	WO1X
HL1SX	W4AEJ	JG3KMT	NA9L	XE1HG
I2YPY	W5TSB	JH2AJY	NE3K	YB0MWM
IK2WSO	W6QL	JH8CFZ	NF7D	YO6HSU
JA1BJI	W7WT	JJ1IRS	NJ4V	YU1LD
JA3WMS	W7YED	JL1GYZ	NK7Z	ZS6NK
JA5ALE	W8JY	JP1NWZ	NO2EL	
JA5XPD	W8LYJ	JQ1YIW	NU0Q	
JA7MAD	W9IE	JR1AHH	NV4A	
JA8ANQ	W9QO	JR1SLU	OM4KW	
JH1VUO	WA0GUD*	JR3ADB	ON8VM	
JM1SMY	WA3YGQ	K0MB	OV5O	
JR3TOE	WF3M	K1RH	OZ1ZD	
K0HD	YB0AI	K1YWW	PA3GFE	
K0HIP	YB4CHP	K2ITT	R3DL	
K0SQ	YL7X	K3CWF	RA3UT	
K1JE	ZL2LW	K3RRR	RA6XB	