

ARRL - Fred Fish, W5FF Memorial Award

The ARRL awards the Fred Fish, W5FF Memorial Award to amateurs who submit confirmations for contacts with all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The following listing contains the call signs and FFMA totals as recorded at ARRL HQ today (16 Sep 2024). Awards are NOT activated automatically; participants must apply to have the Fred Fish, W5FF Memorial Award activated when the qualifying number of credits is obtained.

See the [ARRL VUCC page](#) for details.

488	W5FF	K5ND	KB7ME	458
AA0MZ	W5KI	W0VTT	N4WW	K4MY
AA5AM	W5OZI	W5VY	WD8JJA	KG5THG
AA5C	W7GJ			N9BCA
AA7A	W7JW	482	471	WB9CIF
A15I	W7KNT	AD6D	AF5CC	
K0GU	W7MEM		WD5COV	456
K1TOL	W9FF	481		N4JQQ
K4PI	W9JN	W9VHF	470	
K4XO	W9RM		N5KO	455
K5RK	W9XX	480		K4SO
K5UR	WD5K	N7KA	469	
K5WE	WQ5S	WB0ULX	K7BG	453
K7CW	WS9V	XE2OR	KM0T	K4YMQ
K8SIX			N4TB	
K9CT	487	479	N7ZO	450
KA9CFD	K7MAC	W5WVO		AJ4F
KA9FOX	K7TM		467	N9BX
KD5M	K9YY	478	AD1C	
KG5CCI	N0AKC	AE5B	WO7R	449
KM0A	N7CW	K5GZR		KF6HI
KO9A	N7IR		466	W8TN
KR7O	N7NW	477	K0BJ	
KV5W	N9ISN	NC6K	KA0JGH	448
N0LL	NA6L	W9RN	KB6NAN	XE2K
N0LWF		XE2CQ	N5EKO	
N0PB	486		WX7M	447
N0TB	K1TO	476		K4HB
N1AV	KY7M	KC7QY	465	KS7S
N3SL	N0KE	KC7V	ND4X	N4SC
N3XX				W3UR
N5DG	485	475	464	W5EME
N5OMG	K5XI	KX4R	KB9OWD	W5XC
N6JV	K9MU	WA7HQD		
N9LB	N0POH		463	446
N9UM	W3IP	474	VE3EK	K6EID
ND0B		W6XK		N4QS
W0FY	484		462	NV4B
W0JW	K0SIX	473	K6ZH	
W0LGQ	W5ZN	N5WS	N6ORB	445
W3CP		NQ7R	WE9R	KU7Z
W4UDH	483	WB0O		N5NA
W5ADD	AC0RA		461	
W5AFY	K0TPP	472	NA9RB	444
W5AJ	K1USA	AI1K		N7BAV

W4DR	430 K1TEO KF8MY N5TJ NI0G	K7AWB KO4MA N5SYV W0GJ WB5JID	399 WA9DU	VE6MB W4WTA
443 AB4IQ K4XP N4MM	429 K1SIX WA5JCI	414 AH0U K7KQA W0GN	398 N5BO N8IEZ W1NG W5JAY	384 AA1ON AB4SF K1GG K8ROK
442 N8OC	428 K9APW KP4AJ N4TL	413 WA9LFO	397 K5RT	383 N4UFO
440 AG9S K8TB KB8VAO W2IRT W3LPL W5THT	427 N4QWZ W3LL	412 N2NL	396 KB8U	382 K5PI K6VHF VE3YXO
439 WB8ZBT	426 K4ZOT K8ZR N5OK	411 K9MK N9EAT	395 AA5XE K0AZ K5WBM KF7CQ	381 W3VZ
438 NE1B	425 WA1EAZ XE2X	410 KE7SW KI8G	393 K7XC KK4MA W4TV	380 K7MCX NM5U WA5LFD
437 N9PGG NY0V	424 N4UFP N9AKR W3EP	409 N4HN	392 AF4HX K7SMA VE4EAR W6OMF	379 N8WNA
436 K3SX K7PI KD3CQ W3TC WB8ART	423 AJ4A	408 W7BA	391 W4AVY	376 AA5JF K8GI K8VFN N1EVK N2WK NJ6D
435 K9KLD KF6A	422 VE6WQ	407 W4AS W5CIA	390 NA6MG	375 K6QG WB4OQX
434 K1HTV	421 K8ROX WB8BPU	406 AK3E K6FG VE2XK 6M FN07P	388 K0IP W4WRL	374 N6GP N7DB
433 N9FN W9WO	420 KB9DAK VE3LYC	405 AA4SC K5CKS	387 K2TER KV4T N4CH	373 K4SSO
432 K6GXO N6KK W5TRL WB7CJO	419 K7NN W5AL	403 KE8KMX NH6T/W4	386 N7IJ NN4R W5TFW W7AH WE4S	372 W5MO
431 K0TLM N2QT	416 K4RWP K7ND	402 K3FM	385 KF0M NK1K	371 WA6BYA
	415 K5OMC	401 K4CKS		370 AG4W K5TN KN4SM
		400 W0JRP W3UUM		

KS4YT KV7K N3MK NT0V	359 NI0P WR7X	341 KD7DCR WA7YAZ	N4JDB N7KDT VA3IKE W9GM	WW0E
369 KF8UN N2DPF	358 K5RLA	340 N0AN W8LMG	331 K8WDA KC0UDO N4MW N6KZ VE7BV	322 VA6SZ
368 KB0V W5RCI W6GMT	357 K4LVV W5PR	339 KE4BKL VA7FC W5VAS	330 KB8MBC NK0S	321 NC7B NS4C W9VA
367 KC4HW KR4BD NT9E W7Yaq	355 N2ZX NY1V	338 VE3SXE WA5KBH	329 N2JJ W1DYJ W2OR W8WG W9XA WX4G	320 K0VG N4DW
366 AA4ZZ KI7JA N4LR	354 AB1OC K0DEQ	337 K8ZES W9EWZ WA5RT	319 N7US W4ER	318 N3ALN W4HY W4MAY
365 K4JJW KG7CW KZ2I WB4EVH	353 AF2K K0CS K8EB	336 AC9DX K5KDX K7BV K9QVB/9 VE3DS WO9S	317 W1SKU WA7PDC	317 W1SKU WA7PDC
364 AB5EB JA7QVI N6QQ W7FI	352 NZ3M W0KKK W1JR WA9PWP XE2ML	335 K5FUV K5FZ K9QVB KB1EFS KB4MRX W9GKA	316 K3FN KA0ABA N1KDO W4UCK W9BWR	316 K3FN KA0ABA N1KDO W4UCK W9BWR
363 W4NH	350 AA4FL N6VI N8YO	334 K0OOK K3TRM N3RC N4UFO (EM95) N9DR N9XG WB5TOI	315 K5VH KG6AY NY2NY WF7T	315 K5VH KG6AY NY2NY WF7T
362 WA5OLT	349 K8JH KA0BAD	333 FG8OJ KM4HI KN4NN N0IGZ W3GQ	314 KU4XO	314 KU4XO
361 K7XB K8BL K9NR N7MB N8KOL NE9U NG4C	347 KT8O	332 AA7UN AB9BH	313 K0TC N6NR NF4A W4GLV W5RKN WA1NLG	313 K0TC N6NR NF4A W4GLV W5RKN WA1NLG
360 AA4FF K6UM (CN85) N3OC	344 K6FW KB0PE KG8P W1OW		312 AF6O KA2GOJ WB3LHD WO2T	312 AF6O KA2GOJ WB3LHD WO2T

311 AC9S KM3T KS4XQ W2BZY W5DB	K0DD K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S	WA8EFK	NM5Z	270 AA8MA K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B
310 AA1QD AA8SW NG7M NJ7G VA2WA W9KVR WO4DX	299 VE6WK W1LE W5SUM W8UV WB5GVY	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 N3JPU W0RH W0VHF (EL87) XE1FAS	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N WA4HFN
307 KE5K W3ATV W9RPM WB4KTF	298 KD4WSC N1NK N4IQ	288 AA4LR HC2FG K1NU N6AR W1DU W4HLR	277 AC7JM K7ULS NS4T PV8DX	269 K1GJQ K2IE K3ZO KD5R N5EPA N5WD
306 K6RO VE3XN WV9L	297 N8YQX N9LF	287 JE1BMJ N8CGY	276 K2CS K2UU K5TWJ K7TAB KE8Y	268 K6OJ KX7L N9ZTS W0KAN
305 K6UM (CM88) KF2T KT1J WA9M	296 K6YUI KC7RW	286 AG1A	275 K1MAA K2NJ N4GG W0FK W8PI WA4NVM	267 K8DP KG6EG KX9N N2AMC N3PS N7UVH N8EHW W4FSO W5WP W9DRB
304 K6IPF W4FC WA0GUD	295 KE4P N7NT W2HRO	285 K5CZD K9UO N0LD	274 KB1DMX	266 K1OA K1WVX TG9AJR WB8EJN
303 EA8DBM K8TGC K8TL	294 K6JSV	284 AB0RX K0KP K4DET NJ2F (EL96) RETIRED	273 KM4H KV1J WB0OQV	265 N5KS
302 KB2TGU W3TI	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	283 W8OP WA0FQK WB0CQO	272 K0PG XE1AO	264 AC8L K2BLA K4JAF N0TK N9JR NF1O
301 N0HJZ N2ZZ VE1JBC W7IB W9OBG WB0TVY	292 KJ6P W1SSN	282 AA0ZP DK8NE K5TA N0GZ N8JCM W4WM	271 K4NNX K7NII KB7FUV W3HHN	263 AK4PR K1ST K3VAT
300 AA4V	291 KS4S W1WHL	281 K4OY NL7CO W2YE		
	290 NA5Z W3HDH	280 JG1TSG N0KV		

K4XR	W0NOZ	W3SW	236	228
K9AAA	WA8KNE	WA8ZID	K0SU	K5RUS
WB7QBS			K4NK	K7HSJ
262	254	244	KL0S	KF2ZQ
AE5FM	KF8QL	AA9RR	MD0CCE	N8AIA
K3CWH	N7QOZ	K8DV	N3FTI	W5HEZ
KL7HBK	VE3OTL	KD8JSP	N9ATD	
N4ST	WD5ITW	N3AIU (FM08)	W5AJX	227
ND4DX		N4JRY	W9OO	JA1UAV
WA0KBZ	253	VA3ZV		K8ZT
	KG4ERR	VE3VHB	235	K9TF
	N2XQM	W0VD	ND0C	KS9A
		WD4IXD	VO1GO	W4KXY
261	252		WB6RJH	
AF2F	AB5A	243	WT2P	226
K3TWK	K1ACL	JA1QJI	WZ9W	AF5WN
KB8UUZ	NN4RR	K3TC		N7CNH
N3EW	VE6NTT	W4EJ	234	N8UR
	VE6SH	YV1DIG	CT1EEB	NM5S
260			KE6FCT	W0VX
JR1LZK	251	242		WQ6Q
K6JAD	AD5JK	K3WW	233	
N6HC	K1NJ	KA3TCC	K1AFC	225
W0PR	K3NK	N8LRG	N3AIU (DM45)	AC9O
	KG7NV	WA8MCD	N9NJS	K9QJ
259	NN4SS		VE7VZ	KF9UG
AK0MR		241	W3DF	KX9X (EN50)
KD4ADC	250	N6NU	W8PAT	N2WSY
KG6I	AA9LC	W5LO	XE1L	N4SV
KN5O	K0CCM			VE3MSC
N1RR	NW6R	240	232	W8AKS
NS7K		AB5GU	AE4WG	WN6W
NY1E	249	KG5EIU	K5FO	
VE6BMX	K8AO	KI0HA	N9NJY	224
W2JU	KQ5U	KK4ZUU	VE6TA (DO33)	JP1LRT
	N1GC	KO6LU	W0PPA	K9MQ
258		VA3HP		WA4YA
K1BD	248	W1VT	231	
K2HAT	CT1IUA	WA2VJL	K4MIJ	223
NA2NY	K1ZZ		K6HEW	GD0TEP
WB7ECS	W6VFA	239	KF6GYM	K7UA
		F4BKV	W9XT	NJ7A
257	247	KF4LVF		
K2KA	W1FKF	W6RW	230	222
K5QE	W3TEF	W9YOY/M	JM1IGJ	K0YY
KD4MYE	W9TA	WA3SEE	K1ZE	K2TV
N5DTT		WB1FLD	KO4MM	K3AJ
PY2XB	246		VA3XJ	KA1LMR
W7CT	K0DAS	238	WB0WAO/8	KD4K
WA2HFI/0	KK8X	AA3GM		W8GJ
	N5TIT	KV7N	229	WA2BOT
256	W4FRA		K6RG	
K3WA	WI7P	237	KB9RUG	221
N8ZJN		K3FRK	KD5IKG	K5WMH
	245	K3KO	KE4UW	K6CQR
255	N1IA	K4QE	N4NX	N0PSJ
K8MVZ	VA3CW		NN5DX	N4ION
KG4JPL				

N5UWY	211 K9FOH NE8S VE3SMA W5HNK	N0HF N8SYF NR0Q W1RM W9GFB W9VOB	K0NR N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR W6AER WA7VHF WU9Q WX9M
220 HC1BI K7BTW			195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	187 JF8QNF KD3HN KQ0J N1SV
219 AI9L K2RKJ KE5RV W5JMW W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N6UK WQ9T	202 K1BZ K5GJR W0BNE WC7X WF8Z WQ5W	194 K2MRK N3FA N9NFT WF1H WK8A	
218 K1XH K4IJQ KB8KVJ NI3K	209 AA4IB N1TQ W5WGF WA4NFO	201 AA7WB KC5FP KO9V KR0I NN0K WA1MKE WA9ASZ XE2N	193 K7PT K9AB	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE
217 K8YC ND4V W4DEE	208 AI2N CO8DM JM1SZY KD5HIO PV8ABC	200 4A2MAX N5AO N9AG NA5C VA3VU W1AW	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC N2YU NA2R PY5CC W3OU W5BPT
216 K7RB N0IS NE1F W5RWF	207 N1BCL N8NJA PV8AZ	199 JA8ISU K4GHS N3KFV NJ8J W4OEP WB0YEA	191 JR3REX K0ITC K3HPA K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KB1HY KR4M N1IBM N4BG
215 AL7OC K2SX K15FJ N6KW	206 AB0CT AK4Y K9YC (EN61) KB0LYL NA5Q W4EJG XE1J	198 AC8TO N0UK N7EPD NX0I WA7KYM	190 K2WJ K5ER KC2DLD N9UA W1ATV W2OO	183 K5RQ N0FJP N0UBL W2UDT
214 KB9PJL VE3SYK WA7AJ	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID			
213 K3DFL K16X W0NBC W8RD	204 IT9IPQ W5LUA XE1YY	197 K3EGE N4BAF W3TW W5CTV W9TD		182 AJ6T DF3CB FP/KV1J K5GMX K8WK W2CCC XE1CL
212 AB5C K6TDI KF7NN N2OA N5PA	203 K0VSV K5HYT K5LOW	196 K0AIZ	189 KC0MEA W3SZ WA5VKS	

181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W2ZDP W4RBO W9BS WJ1B	KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	WA1Z	JA1OVD K7AD K7ZD KW0A N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM
180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	175 N7LAN PV8BR	168 KG5ZMQ W8WEJ	160 K5IQ WA3DRC	152 N1NUM N2WM NU1T UT7QF W6IA WO4G
179 KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	159 4O3A K4MZ NS7B W1EME W4TTO WB8NUT	151 KO0Z W1ZT W2DXE
178 JR2HCB KA2AYR KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VA2CY VE3NRT W0ZY W1MAD WY7FD	173 K2ZZ K5YPV KE4SCY	166 KC2GHT N5VU NC4RY VA3WEB WB4KXS	158 K8CR KI0D N2CG	150 K1EP N9LAH NE6I VE3OAT W7APM
177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC	157 K4FX KB8GC WA7NB	149 AB6CF K4SAN KK9H WB4VHF
176 AD5ZA K0DI	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G	156 K2KJ N3RN N9KO VE7VDX	148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNQ (CM88) WB6RAB
	170 K5DB K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	163 K2JF K2YSY K3EA N5XZ	155 AE4M K3TD K6XN N7AU N9OBE NY4I TG9ANF VA3NQ WV8DX	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC
		162 AF4GK K0QB KA1R KD4TDI W9JJB W9VS	154 AE4NT KB9VMW W3ZQN	
			153 AA4NC AB4GG	

W5WOX
WA0VPJ
WA3YGG

146
K2GW
K8YTO
KB0YH
KB5ZEA
KC2TN
KM5TY
N4HID
VA2RC
VE1VOX

145
KD7YZ
V31MD
VA3TTX
WA4JA

144
K0TLG
K5TDW
K6JRA
K8MN
K8WU
KA8SYV
N9DI
W5MPC
WO7GI

143
K0KVR
K6JBH
K9QFR
KB8RJS
N8URE (FM19)
NA1VT
W0HNM
W0UHL
WB0MMC
WM5H

142
NA2X
NC4VA
W5SWV
WS4V

141
K4AR
K9ATX
KT8TD
N9FIV
W4FS
W4POT

W6ZI
WB9WHQ
WR7AY

140
AC5DK
CO2WF
CT1BWU
JA1AFR
K1UO
K7SAM
KC0MEZ
KC8TMU
KJ4KVC
N1EN
N3VOP
NJ0U
VE3KY
W4TUN
W6DQ
WA4KXY

139
IZ8FFA
K1DT
KC7JPC
KU0G
N3FX
NA2AA
W2PD
W4OV
WA5TKU
WB2JIL
WY0V

138
AC0XY
AI6O
KD7WPJ
KE0A
KE3D
KE8RO
KQ4KX
N3XH

137
KK0DX
N1SZ
N5JGK
SM7AED

136
K0XXX
K4SX
KC5LK
KC9AXZ
KJ5RM

KV1E
NO1R
OE6IMD
W2JCN
W4AVV
W7UV
XE2JS

135
CU3EQ
K4MWB
K8ZIZ
N4DB
N8XE
W6BXQ
WB8BZK
WW2DX
XE1H

134
AB1NS
AB4GE
BA4SI
C6ABB
HK3W
KE5FXE
N3AIU (DN70)
N8GOU
W4TKI
WA3WZR

133
KA5ETS
KC1RET
KE1VT
KM8V
N7T
W0RT
W4GE
WW7Q
XE2O

132
AB3CV
K5VG
KW4G
N4PPH
NE1I
VE3TM
WN6K

131
K3NAT
KG9R
N2CJ

130
AB0X
AK8CW
K0GUR
K4JKB
KC4NX
KE8RJU
NG9R
PV8AJ
VE1DX
VE2TZT
W0PHX
W2LES
W3FEY
WA2SEI
WB4YDL
WW5W

129
8P6ET
JF4VZT
K0KD
K5QWO
KC8KSK
KF4NEF
KM5LY
KM5SC
N9WBR
NZ6N

128
KC7QAG
KJ6SDF
KN4DMN
W0WT
W5ZO
W8FR
WB2WEO
WQ7F

127
AA9RK
K3GYK
K7UV
K8AC
K8OS
KB3OZC
KB9TLV
KC0RQH
N2ZA
NO8D
VE2JWH
W1FLD
WA6BIL

126
KJ7G

N0BDS
N7DGI
WB4HUC
YL2AO

125
AA7DK
K3PU
KC5DRI
KD2NF
NT7C
W2AJM
W3UQH
WA6POZ
WB4OMM
WE1P

124
K0DLW
K8VA
KB0HH (EM06)
KD5FTD
KM1C
KT5MR
N0SL
N9AZZ
PV8AAS
W0PE
W1TAM
W7YM
W9CDL

123
AC7AF
K9SM
KB0GT
KB0STN
KG6DHQ
VE3TG
W1HS
W3SE
W4DFU
W4PRZ
W5EWF
W7MHW
W8BI
W8KHP
WA8WV
WB2RVX

122
GM4UYE
K7AED
K7OGW
KA9JAC
KB4UF
KB5WFE

KC5UGX	KF6MXK	113	K2OO	KE5JXC
N5HYV	KI7BP	AB4PM	K5DNL	KJ6MBW
VE6PY	KT8X	AD5MD	K9GY	KK2DOG
VE7JAC	KW4BY	K3DQB	KE6GLA	N0RQ
WD0GTY	N1QDQ	KD4BPZ	KJ6CA	N1USB
	N3JNX	KD6VCD	KZ7N	N2IPH
121	N5EIL	KM5OL	N8TMW	N4CE
AE1P	NZ1I	N3JDQ	N9TTX	N5FPW
K0MFI	W2AC / WB2ABK	N4YCI	NN9X	N5YHF
K4HBI	W2AC/WB2ABK	N5YK	VE3AAQ	N8HM
KB2WAL	WB2KSK	W0BM	W0YJT	N9XMU
KB5MH		W8MSP	W1OP	VA3OKG
KE4JFS	117	W8VW	W4ZRZ	VE3AJY
NE0P/9	AB5J	WD0ENC	W5MPC/1	WB6VYH
UR0MC	K4WS		W7RJR	WQ9F
W8DN	N4USG		WB6YIY	
WB9TFH	N5JEH*	112	WB9W	105
	N5LPT	IK7EOT		AC4Q
120	NU6V	K2MLS		K4SJA
AA6I	W6WE	K3GD	108	K9MAL
EA1YO	WA1TBV	K5WTA	CF3VRQ	KB3JGS
K2CYE	XE2PXN	KA7T	HB9BZA	KC0JYT
K4CGY		N5HMH	JA9IPF	KC4KK
KD0R	116	W1TR	K5OPB	KF4DGS
KD4MZM	JR1BAS	W5DQ	N3MWQ	KJ7TH
KD5BRF	K4RGN	W6OAT	N5DD	N4NQY
KE4SCY (FM06)	KI6QDH	W7IV	VE3SUB	N5SAN
N3YPJ	KU5B	W9PN	VE7IG	N7YY
VE1JC	N0VR	WA8TWM	VY2RU	NE9O
VE3XK	NO0B	WX3P	W4AMP	PU4JOE
W4LVH	W0DHB	XE1GK	W4CRN	VE3VRQ
WA6RAY			W5AAJ	W8MIL
WB0WAO	115	111	W8EH	W9RVG
WD4OHD	JA3LZS	N0SLT	W9VNE	WA4MYO
	K9MMS	N8IK	XE1R	
119	KE6TVM	PC3T		
AE5AU	KF0QS	W8GBH	107	104
K0AWU	KM5FA	WZ8P	G4BWP	AB9YC
K1ZN	WA3BZT		JA3EGE	AC5K
K2SQS	WC7V	110	K5UIC	AC5RN
K4MSG		K5KR	KF7PG	AC9QR
K7JIZ	114	K7LD	KI9A	IK4DRY
KF7PCL	AC8HU	KD5J	KK4LUM	K5PPP
KP3V	K2RET	KI0F	N3TTT	KB9RNO
KT0P	K3RTU	KP4JRS	N9OI	KC2TR
KW7N	K9AAN	KQ4LA	NF0T	KD9GKL
N4UPX	KC4GCK	KX5U	US0KW	KJ7OG
W0QC	KG9Z	N5TIF	W2ODH	KM6WXB
W4SW	NF8M	N5YM	W2TTT	KO4LZ
W7QQ	VE1WOW	W5DM	WB4PPW	N0STP
WI4T	VE3IRR	W7JET		N1LDY
WM9M	W2JLK	W7UP	106	N2FBQ
	W4ALF		K0MEI	N3UPS
118	W4UFO	109	K5BJW	N7AGF
J68AS	WO2C	AK6ZZ	K7BWH	NJ1H
K4AZV	WX4US	IW1ARB	K7JE	VE2PIJ
KA4LBD		K2DSW	KB0TIJ	W1TE
		K2JGL	KC7ICM	W1ZE

W4KVS	101	W8BZY	KE4LGL	W4DAS
W6ZQ	AE7V	W9DQ	KG4YOU	W4ID
W9MDB	K0RAR	WA5TLP	KG7E	W7DN
WB2VUO	K0SBV	WV9E	KJ2G	WA6OSX
WB8BZK/VE3	K0WJ	99	KK0CQ	WA9LEY
WG3K	K2NUD	AB0SD	KY0Q	WB8RVK
103	K5DWI	AB3TM	N0JJQ	WB8ZTV
AA5CK	K5HX	K0YO	N1JHJ	WB9PNU
AB0YM	K7SYS	K4KEW	N3LRP	WE8L
AB5SS	KB4KBS	K4WQ	N5TEY	96
K2OY	KC6AWX	K4ZO	N8AID	AD5OW
K4MVL	KC8CSD	K5VPQ	NO5X	AE4TQ
K8ZEE	KG8WB	K7DD	NO8R	AK4F
KA1W	KG9IL	K7PAP	VA3VF	K2CK
KB0FHP	KR4WM	K9ZZE	W2KRP	K2UF
KB2SGX	KR7LD	KA0ZEE	W6TE	K2UNK
KC9FFV	N1IX	KC2IEB	WA2FGK	K4EQH
KF0AIJ	N4AOE	KC6X	WA3TLT	K5CRJ
KF4DVG	N8VEA	KD4MWO	WB1GQR	K8EMR
KR4NO	N9DVS	KD6RUH	WB2YDS	K9OT
N0YXE	ON9CMR/W0	KR4UA	WD0E	KA2NDX
N1JIF	VA2LGQ	M5MYH	WH6LR	KA3HED
VE7DXG	W4LLP	N4FV	WT5H	KB5GI
W0TF	W5KBD	N5OHL	WV5Y	KB8PNS
W3LEO	W7ISG	N7HRT	97	KC0HBP
W6IT	WB8IMY	N7JPF	AB8M	KD6PY
W6XU	WD5IYT	N7TE	AJ9C	KI5TE
102	100	N8GHZ	K0HB	KM2O
AA9MY	AC0FT	N8YV	K0JQZ	KM5NU
AB8JH	AI2S	N9MKC	K0QEI	KS4V
AD6KH	AI9U	NB5R	K0SH	KT5RR
EA4DEI	K2UA	NH6CJ	K0YQ	N0WVU
K0HAQ	K4UQC	NI5W	K3HZO (FN20)	N2LID
K3HW	K5GM	NS2P	K4GTR	N2VHZ
K5VR	K5KV	VE2HAY	K4JQU	N2XK
K9AM	K8IJ	W2HOG	K8XF	N8PAQ
K9OHI	K9CC	W2VU	KA2BSK	N8YBY
KA3ZLS	KB9ZLB	W5JLC	KA7EII	NT2A
KB8CR	KC2HLI	W6TJU	KC0YBM	NW5Q
KC6WFS	KC8CC	WA1LAD	KD5CKP	NY2Z
KC8DMN	KC9CMT	WA5TRX	KF4KSN	VE2DCP
KD8NYO	KD3SW	WB5NHX	KM4NYI	W1HMM
KE1AU	KE5CVM	WB7VVD	KT5WB	W4KK
KJ4M	KF0Q	WK5X	N1VMJ	W4TMR
KR5V	KG5X	WW2R (EL09)	N3UMA	W7JHS
N1HOQ	KJ5OA	98	N4BH	W8DM
N5RMS	N3TBB	AC2RL	N5OTY	WA3EEC
VE7ZD	N4NIA	AD8Y	N6MA	WB0M
W4RVZ	N5XTR	K0KC	N9APK	WB5KJE
W5DPT	N7EME	K0UD	N9IO	WP4LNY
W5OV	N8COP	K3IXD	N9KY	95
W7UT	N8XS	K3QIA	NK7C	AE0G
W9NFL	VP2MRM	K4OP	NU0Y	AE5EO
WA8EQP	W2CH	K5HOB	VA3FIN	K1PNQ
WB5FDP	W4/KL7GLL	KA1EKR	W3QT	K4ED
	W4OZK		W4CWA	

K8KFJ	KD4VRZ	K10J	W8JV	KA5TJI
K8ME	KE3WM	N2BX	WA3JKB	KB5FHK
K8VD	KF0LA	N2YTF	WA4EEZ	KB7BSA
KD7WH	KG4NLZ	N3AO	WM3O	KK4DZP
KD8DR	KU4JZ	N3ZBK		KW3DX
KD9ZR	N0LNE	N4GOA	91	N2ULL
KF6XA	N0LP	N4YHC	AA0CW	N4BRF
KI0SK	N2SU	N7EGY	AD3Y	N5BA
KW9U	N3JBH	N7JI	CO2WZ	N9JJ
N1XK	N3XBG	N7KSI	K1UR	N9MSG
N2SLO	N3YUG	NA9D	K4SPA	VA3XOV
N2WLS	N5ZMP	VA7QI	K6YK	W9CPV
N3WAV	N6HY	VE3WMD	K7HPN	W9CSY
N4ET	N6MXU	W0MHK	K8OI	WA2BEV
N5BLY	N7NH	W2VTV	KB2YWU	WA8OJR
N5ENU	N7UN	W3ZGD	KB3IAI	WD9HCF
N5KI	N8WWM	W4GPM	KB3NDS	WE7H
N9IV	N9DD	W5DMT	KB7AZ	WEST SEATTLE AMA
N9LJX	N9UNX	W7EIR	KC5POV	WH6LE
VA3KS	VA3MA	W7TRX	KC8LGL	WT4C
VA3PZ	VE3RX	W9IFW	KG4QWC	XE3/K5ENS
VE3KZ	VE5MX	W9NED	KI3O	
VE3SPW	VE7AB	W9WI	KI5BLU	89
W3UA	W2GR	WA5ICA	KM7N	AB1TZ
W4YZJ	W3IPA	WB5CON	KM9I	AG2AA
W5ADA	W3TA		KQ6K	AG7NR
W5CBF	W4LNG	92	N3PPH	G4NBS
W5RCQ	W5ODD	K1EY	N3WCM	JQ1TIV
W7JWC	W5PUF	K5GDX	N7CZ	K4BMM
W9SX	WA7LHZ	K5TDA	N8DEZ	K5CX
WA2ONK	WA9BXB	K7FU	NA7L	K5JAZ
WA3I	WT9U	K7HKR	NR4J	KA0MWA
WA4WR	WV7S	K7UWR	NU4N	KF4TVL
WB2SIH		KB0PQP	OE9KFV	KI0G
WD8DOT	93	KC4JNW	W2SUB	KI4FW
WS4S	AG2A	KD4QMY	W4MLN	KI4US
XE2AT	AG6CV	KE4WBO	W5KDA	KR4U
	AI8F	KG4URP	WB0NRV	N2GZ
94	K0IW	KM3V	WB7X	N5KAE
AA4RP	K1PTF	KR7X	WC4V	N8YSZ
AB4VT	K1ZK	N0RC	XE1GZU	N9RG
AD1DX	K2AK	N2SG		N9UDX
HK4SAN	K2MTS	N3GH	90	NE2U
K0ARM	K4DAM	N4VN	AA0LM	VE3VCF
K3BEE	K5TRI	N5QO	AB4WL	W0HRO
K3TUF	K6RM	N6RPM	AB9DU	W1HY
K4JRK	K7IP	N7DED	AF5BG	W2JEK
K4LDC	K7TRK	NS6E	DL1SMA	W2OK
K4YJ	KB0USF	UT5JAJ	JH4JNG	W4ZMM
K8GT	KC5TGT	W1PV	K1HC	W6VNQ
K9DOG	KC5TT	W2ACY	K1KA	W9HT
K9SUL	KC9TTR	W2CVW	K3CWF	WA7SDI
KA2F	KC9UL	W3ACO	K3UAL	WB3IAL
KA9UVY	KD0QG	W3HZU	K4AAP	WM6Y
KB7AK	KE6AZX	W4BP	K4FTP	WQ5C
KC0AUY	KE6UMW	W4LIA	K4XZ	WR5AY
KC3AK	KE8RPJ	W6NS	K8EAB	XE2NL

XE3DX	NI5F	N2NWS	W5TTY	72
88	NN7RM	VE2WBK	W6TCP	AB1QB
AA4QE	W8GOC	W8PU	W7AM	N4II
AE0DX	WB3IGR	W8SGR	79	PV8ADI
AE4OF	WB8JAY	83	K4RW	71
AF4MI	WF4W	AA6E	KP4N	IC8TEM
K1RS	XE1RBV	DL5XJ	N2COP	K0GW
K3TN	86	K1LH	N5YJZ	K4GK
K4XD	AG1T	K4SQC	N9RC	K5WPN
K7CTV	K7FB	K6JJ	VE3CFK	W2YR
K7WV	KA9OKH	K6UIP	W2GW	W3FGP
K7ZYV	KB7JJG	K6USY	W2SKI	WC5M
K9JF	KI6HQT	K8SIA	WN0L	70
KB2KIR	KN4MMH	KB3HHA	78	GI4SJQ
KC1GWX	KP4TB	KB9LIE	K2QPN	K4BNC
KC3MLC	KT1R	KK7BV	TG9AWS	KC0ZRX
KE7RTB	N2NF	KU4WW	W4NE	W2LV
KE8UM	N3MVF	TG9AKH	77	W2QO
KI2D	N8TFD	W4HFZ	K11FJ	W4GP
KI4RFM	NZ3O	W7USB	MI0AYR	69
KJ4KW	VA3MDB	WD6T	76	K3WGR
N1CEO	VA7LM	WD9IOK	K0WYN	WD4LBR
N2MKT	W8IW	WI6Z	KI4CYB	68
N2ZN	WA1PMA	XE1MM	KI7WXP	AA4S
N4CAG	WA4USA	82	N1GNB	EH7CD
N4GN	WB4GCS	AD4IE	N2MH/4	K6CF
N4KIN	XE2AU	KC5YKX	75	KW4OV
N4UC	85	KG4KVZ	G4RGK	67
N5VBK	EI3IO	N1SF	K3PP	W7YED
NS3X	K1UU	PU8TEP	K8QM	66
NT4TN	K4LRP	W5DAS	N5GH	K6KLY
VE2VLJ	KB3MXK	W7YOZ	NP3YL	KK4YEL
W2BZR	KC0V	W8GG	NX7U	65
W3YX	KE4DRF	WA2ONG	W5UC	JA1XEC
W4DL	KK4AND	ZS6NK	WP4NEG	K5EJ
W4RXR	N2RJ	81	ZL3AAU	N7UJJ
W7HDD	VE3GFN	AB4I	74	OK1MP
WA2BTR	VE7DAY	IK8YTA	AK8B	VK9DX
WA5MD	W1WV	KE4DZU	CX4AAJ	W4CCS
WK3N	W3STU	N6MM	KF2TI	64
WV8O	W4IT	N7NEV	LU4FPZ	JG2TSL
XE1SOV	W4RA	NI4Y	TI2CDA	63
87	W6ST	W3MC	VE6SO	EA1DR
AC0A	W7SIR	WA4ZXV	WC6DX	KB0RFY
AG4I	W8DQ	WA8ZNC	73	SV1RK
K4JC	W9QY	XE1EE	JF1IRW	62
K5UZ	WA4WKL	80	VP2MJD	K4DXA
KB1VUN	WD4LSS	AC6BW	W4WT	
KC8NAH	WF4R	KE4PT		
KE6WOX	84	KR4Q		
KI6RRD	CT3FT	KW1DX		
N0ELA	K4EZY	N2NS		
N2CJN	KE6NDG	VY2HF		
NA5DX	N1KI			
NE5S				

61 CU3AN	47 HB9RYZ	HB9EFK LA2QM	23 GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK	14 HB9HIT JA2XCR KB8DVT PV8RR PY2OC W9TTY
60 KP4JFR S55DX	46 LU2DX	33 HL2IFR UR5WA UR9QQ W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	13 K4WY PY2MC W4PWF
58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	32 N3LRH NP4TT SM6WET YL2JZ	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW PA7RA ZS6WB
57 HL2EIZ N5LJL	44 WO3T XE2YWH/1	31 HA5PT	20 CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA	
56 EA5BY KI5WA LU8ADX NI6T UX1UA	43 8P6SH CT1EEN K4ZIN SV2AEL	30 E72X JA1WSK JL3LSF JO7WXN WA6DNR		
55 G4FKA JL3MCM LA3MHA US5WE WA2EMF	42 TF3JB	29 JE1VTZ OE4VIE SP5APW	19 EA6BB JI4WAO PY2HN SP8NR	11 A65BR DL2OE EA4DAU EA4ZK F4BDG G4CTY IZ4GWE JA2KVB PY2DV PY2GM SP5XMU
54 AG4KI	41 K0BBC/R	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V KJ4EU OE3SGU VE6TA (DO31) W0HBH	
53 K0BBC PP1CZ	40 E75AA JF1LMB JR0QFA N6PAZ WB8TGY	27 IZ4DPV KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW
51 CT1ETE N8OFS VE9FCP	39 AA5PK	26 HL2WA WB7QXU	16 HB9ALO N6VHF	
50 N6DW	38 DD3KF DU1EV IZ8EDJ K8YSE VK5PJ	25 EA4/K1WE	15 9K2BM EI2GLB HL4GAV JR3UIC LU5FF PY2RN UT3UA UX0DL WC2C	9 DL7BA EB1EWE EC7ZK G6BFP JA1MZL JA2FGL KB4YKC KD3UY
48 G8BQX JA9KRO KI5KC N6DBF N8MR NP3IR SP5QWB YY4DNN	37 BA7NQ HB9RUZ JA9APS	24 EI2JD KS4YX LA6OP ON6AB PA7TWO		
	36 JH9DRL			
	35 GI4OWA LU9DO			
	34 G4SEU			

8	UT5EL	OH3KAV
DK2LO	XE1SAX	SV1XV
JA1CPU		SV3FUO
JE3PCP	3	YB2DX
N8RO	DF1ZN	YL2KF
OH8LXT	DJ5AV	
	DL2KQ	1
7	EA1AR	3A2MW
G8APB	EA4D	9A2EY
IZ0INX	F1RAF	BD4UJ
JA2NDQ	G3LHJ	CT1AHU
JI2UDK	GM4CFS	DH8BQA
JJ2NWI	HA9PP	DJ3ZF
LA3DV	HL2ZN	DL2DCX
N5ORT	IK0WRB	DL4ZAB
NJ4Y	IK3ITB	EA3WD
ZS4TX	IK8EPC	EA4GQS
	IK8GYS	G4VSS
6	IW3GJF	G6MXL
CT2FEY	JH7IMX	G7SQS
DH0GSU	JM1GHT	G8TTI
DL1TRK	JN1BPM	IK5BSC
EA8MT	JR6IQI	IW0AFS
EI2JC	PY5IP	IZ0BTV
HB9FMN	SA7CJO	IZ3DBA
JA7NGE	SV1VN	IZ5FSA
PY2VA	W1CBY	JA1GZK
	WD9EWK (DM43)	JA7VXB
5	YB1TJ	JH8XVT
DL5LH	YL2MU	JL2ULM
EA1AAA		JN3ONX
EA7ZY	2	KC3KJQ
HB9GWJ	5B4ALJ	KG4JSZ
JE1LFX	7J1ADJ	KH6WI
JI5USJ	9A2GA	KP4DER
JJ1IDW	9K2NO	MM0INH
KB8VAO EN91KT	BV6CC	OK1UU
M1VPN	CO6CBF	ON6NA
MU0GSY	DF8FT	OZ1IKY
OH4UI	DK1CO	PU5SVE
OK1IN	EH4BPJ	SM3GBA
ON5UE	ES8JX	SM6LPG
PP2RON	F5TMJ	SQ5NRY
SK6QA	G0THY	UN8G
VE2NGH	G4DDL	UR5EDX
VR2XMT	G8GNI	VR2VGM
W1ZR	GI4ONL	WB7VUF
W2ZF	IK1IYU	YL2CA
YL2CZ	IK2GOQ	YO8WW
	IZ8XQC	
4	JA6AVT	
DL1TS	JA6SZV	
F1DFR	JA9FAI	
IV3GOW	JG1JPE	
JH7IPR	K7LY	
JK6DXD	KEN IN NEBRASKA	
S51NM	LA2CQ	