

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 (05 Aug 2026). 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	W0JW	485	N7ZO	463
AA0MZ	W0LGQ	K1USA	NC6K	NI0G
AA5AM	W3CP	K9MU	W6XK	W5XC
AA5C	W4UDH	N0POH		
AA7A	W5ADD	W5VY	474	462
A15I	W5AFY		K7KQA	K3SX
K0GU	W5AJ	484		N6ORB
K0TPP	W5EME	AD6D	473	
K1TO	W5FF	AF5CC	NQ7R	461
K1TOL	W5KI	A11K	WB0O	N4JQQ
K4PI	W5OZI	N5WS		NA9RB
K4XO	W5TRL	WQ0P	472	
K5RK	W7GJ		KB7ME	460
K5UR	W7JW	483	WD8JJA	K5OMC
K5WE	W7KNT	AC0RA	WE9R	K8ZM
K7BG	W7MEM	W0VTT		KF0M
K7CW	W9FF	WB0ULX	470	W3UR
K7ULS	W9JN		K5RT	
K8SIX	W9RM	482	N4SIX	458
K9CT	W9XX	K0BJ	WO7R	K9NW
KA9CFD	WD5K			KG5THG
KA9FOX	WQ5S	481	469	N9BCA
KD5M	WS9V	KC7QY	AJ4F	NA6MG
KG5CCI		N4WW		NE1B
KM0A	487	W9VHF	468	
KM0T	K0SIX	WA7HQD	VE3EK	457
KO9A	K7MAC			K4HB
KR7O	K9YY	480	467	N9PGG
KV5W	N0AKC	K5GZR	K4SO	
N0LL	N7CW	KC7V	NY0V	456
N0LWF	N7IR	N4TB		AJ4A
N0PB	N9ISN	XE2OR	466	N4QS
N0TB	NA6L		K4MY	
N1AV	W3IP	479	KA0JGH	455
N3SL	XE2CQ	N5EKO	KB6NAN	K9MK
N3XX		W5WVO	W5THT	WA9DU
N5DG	486	W9RN	WB9CIF	
N5NA	K5ND		WX7M	454
N5OMG	KX4R	478		WB7CJO
N6JV	KY7M	AD1C	465	
N7NW	N0KE	AE5B	XE2K	453
N9LB	N7KA	K6ZH		K4YMQ
N9UM	W5ZN		464	K7PI
ND0B	WD5COV	477	KB9OWD	KB9DAK
W0FY		N5KO		

452 KK4MA N5BO N8YO N9BX	441 K8TB K9KLD	425 K6ML	411 N9EAT	W1NG
451 K1HTV K5WBM KD3CQ XE2X	440 W2IRT	424 N4UFP N9AKR W3EP W5PR WB8BPU	410 KB0V KE7SW KI8G	397 KE4TH KI0E
450 KF8MY	439 K4ZOT K8ROX N4QWZ NM5U	423 W4DR	409 N1EVK N5SYV	396 KB8U WA1NLG
449 KF6HI N8OC W8TN	438 N5TJ	422 K0DD VE6WQ WB5JID	408 K7SMA W7BA	395 AA5XE K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH
448 K4XP KP4AJ W3LPL WB8ZBT	436 N9FN W3TC WB8ART	419 K7NN W0GN W5AL	407 W4AS W5CIA	394 AA5JF K6RO
447 AH0U KS7S N2NL N4SC	435 KF6A	418 N4UFO	406 AK3E K6FG K8EB	393 K1GG K7XB K7XC KD5XB KV7N WR7X
446 K6EID	434 K1SIX VE3LYC	417 N4HN	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AB4SF AF4HX K5HPT W6OMF
445 KG7CW KU7Z N4LR WA1EAZ	433 KE8KMX	416 AC9DX K4RWP K7ND KO4MA NI0P	404 N2ZX VE4EAR W5SUM	391 AD5A W4AVY W6TMD
444 K4SSO N7BAV W9WO	432 K6G XO N6KK WW1L	415 K7AWB K8JH ND4X W0GJ	403 K6VHF NH6T/W4	390 AB4EJ KZ2I W7FI
443 AB4IQ K5XI N4MM	431 K0TLM NZ3M	414 K0DEQ K2TER KM8V N0GZ W4TV	402 K3FM	389 W5MO
442 AG9S N2QT N4TL NJ6D W3LL	430 AA1ON K1TEO	413 AE5FM WA9LFO	401 K4CKS	388 K0IP W4WRL
	429 K8ZR WA5JCI	412 VE2XK 6M FN07PJ	400 KT8O W0JRP W3UUM	387 KV4T N0FJP N4CH
	428 K9APW		399 NN4R	
	427 W0RH		398 N8IEZ	
	426 N5OK W5JAY			

386 KF9UG N7IJ W5TFW W7AH WE4S	NY1V	K9NR N1KDO N8KOL NG4C	346 N9XG W8OP	VA2WA VE3XN WO9S
385 NK1K VE6MB W4WTA	372 JA7QVI	360 K6UM (CN85) W0NOZ	345 AA8SW W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA
384 K8ROK N2WK	371 AA4ZZ N3PS WA6BYA	359 AA4FF K0CAO	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI
382 K5PI VE3YXO	370 K5TN KG8P KN4SM KS4YT N3MK NT0V W4FC	358 K5RLA	343 K5EK N3RC N6KZ N8HRZ	333 AA4LR K0TC KK0DX KM4HI N0IGZ W3GQ XE1YY
381 AG4W W3VZ	369 KF8UN N2DPF W8LMG	356 K7PT	341 KD7DCR NX7U W7IMC WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE W9GM
380 K7MCX NE6I NK0S WA5LFD	368 N4JP W5RCI W6GMT	355 AA4FL N3AIU (DM45)	340 K0JDD K1ST N0AN WA9M	331 K8WDA KC0UDO N4MW W3TI
379 AB9BH N8WNA	367 KC4HW W7YAQ	354 NU6S	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV	330 KB8MBC KG6AY W8PI
378 KR4BD	366 KI7JA	353 AF2K K0CS	338 NA5Z VE3SXE W4MAY W9XA WA5KBH	329 AA1QD N2JJ W2OR
377 AB1OC N8LRG NT9E	365 K4JJW K6EME WA7PDC	352 VE3DS W0KKK W1DYJ XE2ML		
376 K8GI K8VFV N3OC N9JR	364 AB5EB K0RAR K5KEW N6QQ	350 KB1EFS N6VI WB4KTF		
375 K6QG WB4OQX	363 VE7BV W4NH	349 K1GJQ KA0BAD		
374 K0TT KV7K N6GP N7DB	362 W1JR WA5OLT	348 N1JFU NJ7G		
	361 K8BL	347 W2HRO		

W8WG W9DCT WX4G	319 KF2T N7US	308 WA4HFN	298 K0MLD KD4WSC N4IQ W0JM	288 K1NU W1DU W4HLR
328 K6ME N5PT W2CNS WB3LHD	318 W4HY	307 AG1A KE5K KS4S W9RPM	297 KG5EIU N8YQX N9LF	287 K8DP KC7MRQ N8CGY W7CT WA4NVM
327 KJ5RC N0YO W2JU W7YA	317 KA8SYV W1SKU	306 K4QE KE8Y KL7HBK WV9L	296 K4XR K6YUI KC7RW	285 AB0S K5CZD K9UO NS7K
326 K2ZD K6LMN K6TDI NG7M W3HDH W7JLC WF7T	316 DK8NE K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J N4SV	295 KE4P N6AR N7NT	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)
325 WA2AEY WX0Z	315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO	304 K6IPF NS4T WA0GUD	294 K6JSV	283 N5OHL NA5DX WA0FQK WB0CQO
324 HC2FG K9SH KU4A N2BJ VE3TMG	314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K5TA N8JCM W4WM
323 N8II W8KEN WO2T	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	302 KB2TGU	292 KJ6P N4ST W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 JG1TSG N3ALN VA6SZ	312 AF6O K4NNX KA2GOJ N3KN	301 N0HJZ W7IB W9OBG WB0TVY	291 W1WHL W2CCC	280 N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	311 AC9S KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL K2UU KB6VFC N1RR WA2BAH WX2S	290 VE6TA (DO33) WA8EFK	279 N3JPU W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG
320 K7LOL N4DW	310 N1NK W9KVR WO4DX	299 KX7L VE6WK W1LE W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W3SW W4LTJ	
	309 AA9RR			

278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	K3ZO KD5R KF6XA N5EPA N5WD VA2CY WI7P	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA	N5SIX N7QOZ NR0Q VE3OTL WD5ITW	245 AE4WG N1IA N3XF VA3CW
277 AC7JM PV8DX	268 K1DT K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD K9MQ N5PA N6HC NT7C W3DF XE1YD	253 F4BKV KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD
276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ
275 K1MAA K2NJ N4GG W0FK			251 AD5JK K9QJ KG7NV NN4SS W2LV	242 IT9IPQ K3WW KA3TCC VE3SMA
274 KB1DMX WA8MCD	266 K1OA K1WVX K3HPA TG9AJR VE3MSC WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KS9J NW6R	241 N6NU W5LO
273 KM4H KV1J VE6SH	265 N5KS	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/O	249 CT1IUA K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL
272 KF8QL KO4PRE	264 AC8L K4JAF N0TK N5AO NF1O		248 K1ZZ W6VFA	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
271 K7NII KB7FUV W3HHN	263 AK4PR K9AAA KK8MM WB7QBS	256 JM1IGJ KL7NW N8ZJN	247 JA1UAV JM1SZY N5DD W3TEF	238 AA3GM JP1LRT
270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR ND4DX WA0KBZ	255 K8MVZ KG4JPL W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA	237 K3KO
269 K2IE		254 KG9Z N4GBK		236 K0SU K4NK N3FTI N9ATD

W5AJX	227 K8ZT K9TF KS9A W4KXY XE1GLL	W6DPD W7ZSL WB2WIH (FN20)	W6AER W6KAP	K5HYT K5LOW N0HF N8SYF NX0I W1RM W3SZ W8FIB W9GFB W9VOB WA1KPD
235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	
234 KE6FCT		217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W
233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	216 K7RB N0IS N6PM NE1F W1AW W5RWF	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ
232 K5FO N9NJY WA2OTC	224 JA8ISU K2RET NJ8J	215 AL7OC K2SX KI5FJ N2YU N6KW	207 K6US N1BCL N8NJA	
231 AI9L K4MIJ K6HEW KF6GYM W9XT	223 K7UA NJ7A	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	206 AB0CT AE4M AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY N9AG VA3VU
230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	213 K3DFL KI6X W0NBC		199 N3KFV W4OEP WB0YEA
229 GD0TEP K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	205 AF4OD K8SD KE4HOA N5ITO W1MJC W8QID	198 4O3A AC8TO JR2HCB K9OHI N0UK N7EPD W8DM WA7KYM
228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	211 K9FOH KD3HN NE8S PV8BR W2ZDP W5HNC	204 KO0Z LU2DX WA3DRC	197 I0WTD K3EGE
	219 K2RKJ KE5RV			

N4BAF W3TW W5CTV	WB0DBS	W9JJ XE1CL	176 AD5ZA EA5BY JA1OVD K0DI K6ZZ (EM78) KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R	N8CN NA2U W0PE W4IHI W4JKC WK3V
196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B		169 K6XC KD5OMJ N2BEG N5XES VE3HHT W8KNO
195 AA4W K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M		175 K3MD NE5TX	168 KG5ZMQ W2PD W8WEJ
194 K2MRK N3FA N9NFT WF1H WK8A	187 AA8R KC5N KQ0J	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT)	167 HB9EFK K4MQG KB1YNT KB9REV KE5EP N0NHV NO0T TG9ADQ W1BAT
193 K9AB KD2NF	186 K8PT K9SG KN7K N0XLR N6ZE	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	NA6O W3SO WA2PNI	
192 AA6AA N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC N8XE NA2R PY5CC W3OU W5BPT XE1R	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	173 IC8TEM K2ZZ K5YPV KE4SCY	166 KC2GHT N5VU NA1VT NC4RY VA3WEB WB4KXS
191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KR4M N1IBM N3FX N4BG		172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT W0RIC
190 K5ER KC2DLD KN4PPD N9UA W1ATV W2OO W4GE	183 K5RQ N0UBL W2UDT WC4H	177 AG4ZE K2QQ KI4BWW N2ZA NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F
	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I		170 K9TVG	163 K2JF K2YSY N5XZ

OE6IMD	155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	W3UA WB4VHF	143 K6JBH K9QFR KB8RJS N8URE (FM19) W0HNM W0UHL WB0MMC WM5H	WY0V
162 AF4GK JA3LZS K0QB KA1R KD4TDI W9JJB W9VS WA1Z WB0WAO	154 AE4NT KB9VMW KW4OV NZ6N W3ZQN W4DWS	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W5DM W6VNI (CM88) WB6RAB	142 NA2X NC4VA W5SWV WA5TKU WS4V	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9DHI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	137 N1SZ N5JGK SM7AED
160 AB1QB JA1AFR K5IQ WL7OU	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	146 AC0W K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	151 W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL	135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H
158 K8CR KI0D N2CG	150 KW4BY N9LAH VE3OAT W7APM W9HT	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN		134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR
157 K4FX KB8GC KC2WUF WA7NB	149 AB6CF K4SAN KK9H			133 KA5ETS KC1RET
156 IZ8FFA K2KJ N3RN N9KO VE7VDX				

KE1VT W0RT WI5D WW7Q XE2O	N1SFE W0WT W5ZO W8FR WB2WEO	KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	N7VGO UW5ZM VK9DX WA3BZT WC7V
132 AB3CV K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K	127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTy	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK WB2KSK	114 AC8HU K3RTU KC4GCK NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO W5DWA WO2C WX4US
131 JR1BAS K3NAT KG9R KT3X N2CJ	126 KJ7G N0BDS N7DGI WB4HUC YL2AO	121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	117 AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	113 AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC WU3U
130 AB0X G4BWP K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	116 EA4DEI IK7EOT K4RGN KI6QDH KU5B N0VR NO0B W0DHB	112 K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV W9PN WA8TWM WG3K WX3P XE1GK
129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR	124 K0DLW KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W1TAM W3KN W6SCQ W7YM W9CDL	119 AE5AU K0AWU K1ZN	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA	111 K8BB N0SLT
128 JR2LJO KC7QAG KJ6SDF KN4DMN	123 AC7AF K9SM KB0GT			

PC3T	K5UIC	AC5RN	K3HW	K4UQC
W8GBH	KF7PG	AC9QR	K9AM	K5GM
WZ8P	KI9A	IK4DRY	KA3ZLS	K5KV
110	KK4LUM	K5PPP	KB8CR	K8IJ
K5KR	N3TTT	KB9RNO	KC6WFS	K9CC
K7LD	N9OI	KC1LXO	KC8DMN	KB9ZLB
KD5J	NF0T	KC2TR	KD8NYO	KC2HLI
KI0F	US0KW	KD9GKL	KE1AU	KC8CC
KP4JRS	W2TTT	KJ7OG	KJ4M	KC9CMT
KQ4LA	WB4PPW	KM6WXB	KR5V	KD3SW
KX5U	106	KO4LZ	N1HOQ	KE5CVM
N5TIF	K0MEI	N0STP	VE7ZD	KF0Q
N5YM	K5BJW	N1LDY	W4RVZ	KG5X
W7JET	K7BWH	N2FBQ	W5DPT	KJ5OA
W7UP	K7JE	N3UPS	W5OV	N3TBB
109	KB0TIJ	N7AGF	W7UT	N4NIA
AK6ZZ	KC7ICM	NJ1H	W9NFL	N5RZK
IW1ARB	KC7JXC	VE2PIJ	WA4IOB	N5XTR
K2DSW	KE5JXC	W1TE	WA8EQP	N7EME
K2JGL	KJ6MBW	W1ZE	WB5FDP	N8COP
K2OO	KK2DOG	W4KVS		N8XS
K5DNL	N0RQ	W6ZQ	101	VP2MRM
K9GY	N1USB	W9EBK	AE7V	W2CH
KE6GLA	N2IPH	W9MDB	AI5WW	W4/KL7GLL
KJ6CA	N4CE	WB2VUO	K0IN	W4OZK
KZ7N	N5FPW	WB8BZK/VE3	K0SBV	W8BZY
N8TMW	N5YHF	103	K0WJ	W9DQ
N9TTX	N8HM	AA5CK	K2NUD	WA5TLP
VE3AAQ	N9XMU	AB0YM	K5DWI	WV9E
W0YJT	VA3OKG	AB5SS	K5HX	99
W1OP	VE3AJY	K2OY	K7SYS	AB0SD
W4ZRZ	WB6VYH	K4MVL	KB1JDX	AB3TM
W5MPC/1	WQ9F	K8ZEE	KB4KBS	K0YO
W7RJR	105	KA1W	KC6AWX	K4KEW
WB6YIY	AC4Q	KB0FHP	KC8CSD	K4WQ
WB9W	DS4EOI	KB2SGX	KG8WB	K4ZO
108	K4SJA	KC9FFV	KG9IL	K5VPQ
CF3VRQ	K9MAL	KF0AIJ	KL2R	K7DD
JA9IPF	KB3JGS	KF4DVG	KR4WM	K7PAP
JP7EIP	KC0JYT	KR4NO	KR7LD	K9ZZE
K5OPB	KC4KK	N0YXE	N1IX	KA0ZEE
K7MDL	KF4DGS	N1JIF	N4AOE	KC2IEB
N3MWQ	KJ7TH	NF6P	N8VEA	KC6X
VE3SUB	N4NQY	NN2D	N9DVS	KD4MWO
VE7IG	N5SAN	VE7DXG	ON9CMR/W0	KD6RUH
VY2RU	N7YY	W0TF	VA2LGQ	KG9AP
W4AMP	NE9O	W3LEO	W4LLP	KR4UA
W4CRN	PU4JOE	W6IT	W5KBD	M5MYH
W5AAJ	VE3VRQ	W6XU	W7ISG	N4FV
W8EH	W8MIL	XE1RBV	WB8IMY	N7HRT
W9VNE	W9RVG	102	WD5IYT	N7JPF
107	WA4MYO	AA9MY	100	N7TE
JA3EGE	104	AB8JH	AC0FT	N8GHZ
	AB9YC	AD6KH	AI2S	N8YV
	AC5K	K0HAQ	AI9U	N9MKC
			K2UA	NB5R

NH6CJ	K0YQ	N2LID	WA2ONK	W5PUF
NI5W	K3HZO (FN20)	N2VHZ	WA3I	W7NX
NS2P	K4GTR	N2XK	WA4WR	WA7LHZ
VE2HAY	K4JQU	N8PAQ	WB2SIH	WA9BXB
W2HOG	K8XF	N8YBY	WD8DOT	WT9U
W2VU	KA2BSK	NT2A	WS4S	WV7S
W5JLC	KA7EII	NW5Q	XE2AT	
W6TJU	KC0YBM	NY2Z		93
WA5TRX	KD5CKP	VE2DCP	94	AG2A
WB5NHX	KF4KSN	VE6RGU	AA4RP	AG6CV
WB7VVD	KM4NYI	W1HMM	AB4VT	AI8F
WK5X	KT5WB	W3VHF	AD1DX	K0IW
WW2R (EL09)	N1VMJ	W4KK	AK8CW	K1PTF
	N3UMA	W4TMR	HK4SAN	K1ZK
98	N4BH	W7JHS	K0ARM	K2AK
AC2RL	N6MA	WA3EEC	K3BEE	K2MTS
AD8Y	N9APK	WB0M	K3TUF	K4DAM
K0KC	N9IO	WB5KJE	K4JRK	K5TRI
K0UD	N9KY	WP4LNY	K4LDC	K6RM
K3IXD	NK7C		K8GT	K7IP
K3QIA	NU0Y	95	K9DOG	K7TRK
K4OP	NV3K	AB9AI	K9SUL	KB0USF
K5HOB	VA3FIN	AE0G	KA2F	KC5TGT
KA1EKR	W3QT	AE5EO	KA9UVY	KC5TT
KE4LGL	W4CWA	IK8YTA	KB4YKC	KC9TTR
KG4YOU	W4DAS	K1PNQ	KB7AK	KC9UL
KG7E	W4ID	K4ED	KC0AUY	KD0QG
KJ2G	W7DN	K8KFJ	KC3AK	KE6AZX
KK0CQ	WA6OSX	K8ME	KD4VRZ	KE6UMW
KY0Q	WA9LEY	K8VD	KE3WM	KE8RPJ
N0JJQ	WB8RVK	KD7WH	KF0LA	KE9V
N1JHJ	WB8ZTV	KD8DR	KG4NLZ	KI0J
N3LRP	WE8L	KD9ZR	KU4JZ	KK7MNC
N5TEY		KI0SK	KV3W	N2BX
N8AID	96	KW9U	N0LNE	N2YTF
NO5X	AD5OW	N1XK	N0LP	N3AO
NO8R	AE4TQ	N2SLO	N2SU	N3ZBK
VA3VF	AK4F	N2WLS	N3JBH	N4GOA
VE4XTZ	K2CK	N3WAV	N3XBG	N4YHC
W2KRP	K2UF	N4ET	N3YUG	N7EGY
W6TE	K2UNK	N5BLY	N5ZMP	N7JI
WA2FGK	K4EQH	N5ENU	N6HY	N7KSI
WA3TLT	K5CRJ	N5KI	N6MXU	NA9D
WB1GQR	K8EMR	N9IV	N7NH	VA3JFF
WB2YDS	K9OT	N9LJX	N7UN	VA7QI
WD0E	KA2NDX	OE9KFV	N8WWM	VE3WMD
WH6LR	KA3HED	PY2KP	N9DD	VK5PJ
WT5H	KB5GI	VA3KS	N9UNX	W0MHK
WV5Y	KB8PNS	VA3PZ	VA3MA	W2VTV
	KC0HBP	VE3KZ	VE3RX	W3ZGD
97	KD6PY	VE3SPW	VE5MX	W4VG
AB8M	KI5TE	W4YZJ	VE7AB	W5DMT
AJ9C	KM5NU	W5ADA	W2GR	W7EIR
K0HB	KR4EE	W5CBF	W3IPA	W7TRX
K0JQZ	KS4V	W5RCQ	W3TA	W9IFW
K0QEI	KT5RR	W7JWC	W4LNG	W9NED
K0SH	N0WVU	W9SX	W5ODD	W9WI

WA5ICA	KE1IU	WH6LE	KI2D	N2NF
WB5CON	KE7RTB	WM7C	KI4RFM	N3MVF
	KG4QWC	WT4C	KJ4KW	N8TFD
92	KI3O	XE3/K5ENS	KQ4AJI	NZ3O
K1EY	KI5BLU		KU4S	SV1RK
K5GDX	KM7N	89	N0OK	VA3MDB
K5TDA	KM9I	AB1TZ	N1CEO	VA7LM
K7FU	KQ6K	AG2AA	N2MKT	VE7IRU
K7HKR	N3PPH	AG7NR	N2ZN	W8IW
K7UWR	N3WCM	G4NBS	N4CAG	WA1PMA
KB0PQP	N6DW	JQ1TIV	N4GN	WB4GCS
KC4JNW	N7CZ	K4BMM	N4KIN	XE2AU
KD4QMY	N8DEZ	K5CX	N4UC	
KE4WBO	NR4J	K5JAZ	N5VBK	85
KG4URP	NU4N	KA0MWA	NS3X	AC3KE
KR7X	VA2BBW	KF4TVL	NT4TN	AC9GK
N2SG	W2SUB	KI0G	VE2VLJ	EI3IO
N3GH	W4MLN	KI4FW	W2BZR	K1UU
N4VN	W5KDA	KI4US	W3YX	K4LRP
N5QO	WB0NRV	KR4U	W4DL	K5MJP
N6FD	WB7X	N2GZ	W4RXR	KB3MXK
N6RPM	WC4V	N5KAE	W7HDD	KC0V
N7DED	XE1GZU	N8YSZ	WA2BTR	KE4DRF
NS6E		N9RG	WA5MD	KK4AND
UT5JAJ	90	N9UDX	WK3N	N2RJ
W1PV	AA0LM	NE2U	WV8O	N4LS
W2ACY	AB4WL	VE3VCF	XE1SOV	NJ1Q
W2CVW	AB9DU	W0HRO		VE3GFN
W3ACO	AF5BG	W1HY	87	VE7DAY
W3GP	DL1SMA	W2JEK	AC0A	W1WV
W3HZU	JH4JNG	W2OK	AG4I	W3STU
W4BP	K1HC	W4ZMM	K4JC	W4IT
W4LIA	K1KA	W6VNQ	K5UZ	W4RA
W6NS	K3CWF	WA7SDI	K5WO	W6ST
W8JV	K3UAL	WB3IAL	KB1VUN	W7SIR
W9HBH	K4AAP	WM6Y	KC8NAH	W8DQ
WA3JKB	K4FTP	WQ5C	KE6WOX	W9QY
WA4EEZ	K4XZ	WR5AY	KI6RRD	WA4WKL
WG8E	K6UIP	XE2NL	N0ELA	WD4LSS
WM3O	K8EAB	XE3DX	N2CJN	WF4R
	KA5TJI		NE5S	
91	KB5FHK	88	NI5F	84
AA0CW	KB7BSA	AA4QE	NN7RM	CT3FT
AD3Y	KK4DZP	AE0DX	W8GOC	K4EZY
CO2WZ	KW3DX	AE4OF	WB3IGR	KE6NDG
HB9ALO	N2ULL	AF4MI	WB8JAY	N1KI
K1UR	N4BRF	K1RS	WF4W	N2NWS
K4SPA	N5BA	K3TN		VE2WBK
K6YK	N9JJ	K4XD	86	W8PU
K7HPN	VA3XOV	K7CTV	AG1T	W8SGR
K8OI	W9CPV	K7WV	K7FB	ZS6NK
KB2YWU	W9CSY	K7ZYV	KA9OKH	
KB3IAI	WA2BEV	K9JF	KB7JJG	83
KB3NDS	WA8OJR	KB2KIR	KI6HQT	AA6E
KB7AZ	WD9HCF	KC1GWX	KN4MMH	DL5XJ
KC5POV	WE7H	KC3MLC	KP4TB	K1LH
KC8LGL	WEST SEATTLE AMATEUR	KE8EVR	KT1R	K4SQC

K6JJ	79	W4WT	63	50
K8SIA	K4RW		EA1DR	N8MR
KB3HHA	K5JBT	72	HL2EIZ	
KB9LIE	KB4DSL	N4II	KB0RFY	49
KK7BV	KP4N	PV8ADI		HB9RUZ
KU4WW	N2COP		62	
N5PD	N5YJZ	71	K4DXA	48
N6KTH	N9RC	K0GW	N6ZDH	G8BQX
SV2AEL	VE3CFK	K4GK		HL2IFR
TG9AKH	W2GW	K5WPN	61	JA9KRO
W7USB	W2SKI	NP4TT	CU3AN	K0BBC/R
WD6T	WN0L	W2YR	K4MLB	KI5KC
WD9IOK		W3FGP	N0GVK	N6DBF
WI6Z	78	WC5M		NP3IR
XE1MM	IZ8EDJ		60	YL3HA
	K2QPN	70	HB9BIN	
82	SP5QWB	GI4SJQ	IZ4DPV	47
AD4IE	TG9AWS	K4BNC	KP4JFR	HB9RYZ
CB0ZA	W4NE	KC0ZRX	S55DX	JE1VTZ
K3LL		N6GEO	UR9QQ	N6PAZ
K3RJK	77	W2QO		
K4JMX	K1IFJ	W4GP	58	45
KA5WSS	MI0AYR		KC6NBI	JA6WJL
KC5YKX		69	SV8CS	K4TXJ
KG4KVZ	76	K3WGR	WA2MUA	
N1SF	K0WYN	W1YM		44
PU8TEP	K6MAA	WD4LBR	57	WO3T
W5DAS	KI4CYB	YL2JZ	IK1ZOF	XE2YWH/1
W7YOZ	KI7WXP		JL1UXH	
W8GG	N1GNB	68	JL3MCM	43
WA2ONG	N2MH/4	AA4S	N5LJL	8P6SH
		EH7CD	WD5GRW	CT1EEN
81	75	K6CF		K4ZIN
AB4I	G4RGK	KJ7TEA	56	
DF3CB	K3PP		KI5WA	42
KE4DZU	K6VHF/HR9	67	LU8ADX	HA5PT
N6MM	K8QM	JG2TSL	NI6T	W0PR
N7NEV	N5GH	KF4JHG		
NI4Y	NP3YL	W7YED	55	41
W3MC	US5WE		LA3MHA	E75AA
WA4ZXV	W4LVH	66	SP5APW	LA6OP
WA8ZNC	W5UC	K6KLY	WA2EMF	
XE1EE	WP4NEG	KK4YEL		40
	ZL3AAU	UX1UA	54	JF1LMB
80	74	65	AG4KI	JR0QFA
AC6BW	AK8B	JA1XEC	JR2SQZ	WB8TGY
G4FKA	CX4AAJ	K4IM		
K7FR	KF2TI	K5EJ	53	39
KE4PT	LU4FPZ	N7UJJ	K0BBC	AA5PK
KR4Q	VE6SO	OK1MP	PP1CZ	
KW1DX	VK4CZ	W4CCS		38
N2NS	WC6DX		51	DD3KF
VY2HF		64	CT1ETE	DG7RO
W2DEN		K3BQ	N8OFS	DU1EV
W5TTY	73	WD5GRW (EM13QO)	OH4UI	K8YSE
W7AM	JF1IRW		OE9FCP	
	VP2MJD			

37 BA7NQ HL4CJG JA9APS JH9DRL OE3SGU	WB7QXU	16 N6VHF TI2CDA	JH7IMX JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ
36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN HB9HIT LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JH7IPR JK6DXD UT5EL VK4ZP XE1SAX
35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DF1ZN DH0GSU DK2LO G1VDP JA1CPU JE3PCP JG1JPE JJ2NWI N8RO OH8LXT	3 DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN US0YA W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU
34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	13 JA2LWD K4AKX K4WY PY2MC W4PWF	7 DL1TRK G8APB HB9AOF IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	2 5B4ALJ
33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY DU0A EI2JC JA7NGE PY2VA	
32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ KA5WRG PY2DV PY2GM		
31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	10 DL4CF HB9BOS		
30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF J14WAO JR3UIC PY2HN SP8NR VE6TA (DO31)			
29 HL2WA OE4VIE	18 AJ6V HL4GAV KJ4EU W0HBH			
28 CT8/K0RUI JA6CRP JR7ILA K0FMI OH3DP	17 G3LZQ PY2XAT SP5XMU SV8CKM			
27 E70A KC9ELU WP4NIX				
26 DS4AOW				

6K5XZE	IZ3DBA
9A2GA	IZ5FSA
9K2NO	JA1GZK
BV6CC	JA7DPC
CO6CBF	JA7VXB
DF3VG	JH8XVT
DF8FT	JI1HNC
DK1CO	JJ1PFC
EH4BPJ	JL2ULM
ES8JX	JN3ONX
F5TMJ	KC3KJQ
G0THY	KG4JSZ
G4DDL	KH6WI
G8GNI	KP4DER
GI4ONL	MM0INH
IK1IYU	OK1UU
IK2GOQ	ON6NA
IZ8XQC	OZ1IKY
JA6AVT	PU5SVE
JA6SZV	SM3GBA
JA9FAI	SM6LPG
JH3MHI	SP7EXY
JP1HDK	SQ5NRY
K4KZM	UN8G
K7LY	UR5EDX
KEN IN NEBRASKA	VR2VGM
LA2CQ	WB7VUF
OH3KAV	YO8WW
SV1XV	
SV3FUO	
YB2DX	
YL2KF	

1

3A2MW
 9A2EY
 AJ6T (EM66)
 BD4UJ
 CT1AHU
 DH8BQA
 DJ3ZF
 DL2DCX
 DL4ZAB
 DL8GAM
 DS5DNO
 DS5TOS
 EA3WD
 EA4GQS
 F1VEV
 G4CFS
 G4VSS
 G7SQS
 G8TTI
 IK5BSC
 IW0AFS
 IZ0BTV
 IZ2CSX