

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 (22 Nov 2025). 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	W0LGQ	XE2CQ	AF5CC	464	452
AA0MZ	W3CP			KB9OWD	N5BO
AA5AM	W4UDH	485	477		N9BX
AA5C	W5ADD	K0TPP	KC7V	463	NE1B
AA7A	W5AFY	K9MU	N5KO	K4MY	
AI5I	W5AJ	N0POH	N7ZO		451
K0GU	W5EME	W5VY	NC6K	462	K5WBM
K1TOL	W5FF	W5ZN		K6ZH	
K4PI	W5KI		476	N6ORB	450
K4XO	W5OZI	484	KC7QY		AJ4F
K5RK	W7GJ	AD6D		461	KF8MY
K5UR	W7JW	K7BG	474	N4JQQ	
K5WE	W7KNT		K7KQA	NA9RB	449
K7CW	W7MEM	483	W6XK		KF6HI
K7ULS	W9FF	AC0RA		460	W8TN
K8SIX	W9JN	K1USA	473	K4SO	
K9CT	W9RM	W0VTT	N4TB		448
KA9CFD	W9XX	W5TRL	NQ7R	459	KP4AJ
KA9FOX	WD5K		WB0O	N5NA	W3LPL
KD5M	WQ5S	482		XE2K	
KG5CCI	WS9V	K0BJ	472		447
KM0A		KX4R	AI1K	458	AH0U
KO9A	487		KB7ME	K9NW	K3SX
KR7O	K0SIX	481	WD8JJA	KG5THG	K4HB
KV5W	K1TO	W9VHF	WE9R	N9BCA	KS7S
N0LL	K7MAC	WA7HQD			N4SC
N0LWF	K9YY		470	457	
N0PB	KM0T	480	WO7R	NI0G	446
N0TB	N0AKC	K5GZR		W3UR	K1HTV
N1AV	N7CW	N4WW	468		K6EID
N3SL	N7IR	WB0ULX	VE3EK	456	WB7CJO
N3XX	N9ISN	XE2OR		N4QS	
N5DG	NA6L		467	N9PGG	445
N5OMG	W3IP	479	N5EKO	W5THT	K4XP
N6JV		N5WS			K7PI
N7NW	486	W5WVO	466	453	KU7Z
N9LB	K5ND	W9RN	KA0JGH	K4YMQ	N8OC
N9UM	KY7M		KB6NAN	KB9DAK	
ND0B	N0KE	478	NY0V	W5XC	444
W0FY	N7KA	AD1C	WB9CIF		N7BAV
W0JW	WD5COV	AE5B	WX7M		

443 AB4IQ K8ZM N4MM WB8ZBT XE2X	431 K0TLM	K7ND KO4MA WW1L	404 AA1ON N2ZX VE4EAR	W4AVY	377 AB1OC NT9E WA1NLG
	430 K1TEO N5TJ	415 K5OMC K7AWB W0GJ	403 NH6T/W4	389 AB4SF	
442 N2QT N4TL	429 WA5JCI		402 K3FM K7SMA	388 K0IP W4WRL	376 K8GI K8VFV N2WK N3OC
441 K8TB K9KLD KD3CQ WA1EAZ	428 K5RT K9APW N2NL	414 K0DEQ N0GZ ND4X	401 K4CKS	387 KV4T N4CH	375 K6QG WB4OQX
440 AG9S W2IRT	427 K4ZOT N4LR W0RH	413 AE5FM WA9LFO	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 KV7K N6GP N7DB
	426 K5XI K8ZR N5OK W5JAY	412 VE2XK 6M FN07398	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	373 K4SSO NY1V
439 WA9DU		411 N9EAT	397 K8JH		372 JA7QVI W5MO
438 K9MK	425 K6ML	410 KE7SW KE8KMX KI8G N4HN	396 K6VHF KB8U	384 K8ROK W7FI	
437 KK4MA	424 N4UFP N9AKR W3EP WB8BPU	409 N5SYV	395 AA5XE K0AZ KF7CQ WB4EVH	383 KI0E	371 N3PS WA6BYA
436 N4QWZ N9FN W3TC WB8ART	423 AJ4A W4DR	408 W7BA	394 AA5JF K2TER KT8O N1EVK	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
435 KF6A	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR		381 AG4W W3VZ	369 KF8UN N2DPF
434 K1SIX K8ROX KF0M		406 AK3E K6FG K8EB N4UFO	393 K1GG K7XC W4TV	380 K7MCX NE6I WA5LFD	368 K0DD KB0V W5RCI W6GMT
433 NA6MG NM5U W3LL W9WO	419 K7NN W0GN W5AL	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	379 AB9BH KZ2I N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD
432 K6GXO N6KK	417 NJ6D		391 AD5A	378 WR7X	
	416 K4RWP				

W7YAQ	K0CS	N8LRG	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
366 KI7JA	352 KF9UG NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD	320 N4DW	309 AA4LR
362 W1JR WA5OLT	346 W8LMG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA	319 KF2T N7US W4ER	308 WA4HFN
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 W4HY	307 K1ST KE5K W3ATV W9RPM
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	317 KA8SYV W1SKU W3HDH	316 K3FN KA0ABA W4UCK W9BWR	306 K4QE K6RO N0LD WB0OQV WV9L
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO		315 K5VH NY2NY XE1AO	314 KU4XO VE3XN	305 K3VAT K6UM (CM88) KT1J WA9M
357 K4LVV	341 KD7DCR NX7U WA7YAZ		314 KU4XO VE3XN	304 K6IPF	
355 KD5XB	340 KE4TH N0AN		325 WA2AEY		
354 N3AIU (DM45)					
353 AF2K					

WA0GUD	295 KE4P N7NT	285 K5CZD K9UO XE1YY	277 AC7JM NS4T PV8DX	N5WD VA2CY	260 K6JAD N6HC NT7C XE1YD
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY		282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K2HAT NA2NY WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN		273 KM4H KV1J VE6SH		257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
299 DK8NE VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	281 JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	265 N5KS W7CT	
	290 JE1BMJ WA8EFK		271 K7NII KB7FUV KM3V W3HHN W3SW	264 AC8L K4JAF K5KEW N0TK NF1O	256 N8ZJN
298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	280 N0KV NM5Z W1FKF	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
297 KE8Y N8YQX N9LF	288 K1NU N6AR W1DU W4HLR	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS		262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW
296 JG1TSG K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX N5EPA	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33)	253 KG4ERR N2XQM

252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
251 AD5JK HC1BI K1NJ KG7NV NN4SS	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
250 AA9LC KL0S NW6R	242 AE4WG K3WW KA3TCC	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L	225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T
248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	232 K5FO N0FJP N9NJY	224 IT9IPQ JA8ISU NJ8J	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W3TEF	238 AA3GM JP1LRT	231 AI9L K4MIJ K5VR K6HEW KF6GYM W9XT	223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	208 AI2N CO8DM KD5HIO PV8ABC
246 JA1UAV K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO	230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA
245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	214 KB9PJL VE3SYK WA7AJ	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL	
244 AA9RR					

NA5Q W0BNE W4EJG XE1J	199 N3KfV W4OEP WB0YEA	N4TV W6MTR W8FN	KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY
205 AF4OD K8SD KE4HOA N5ITO W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD W9JJ WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
204 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V
202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	
201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KD3HN KQ0J	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT W8KNO
200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	193 K7PT K9AB	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE		174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1V67)	168 KG5ZMQ W2PD W8WEJ
	192 N1LF N2NB N3CAL N3NR N4LXB	185 AD6W	179 K1EP KU4WD		167 K4MQG KB1YNT KE5EP

LU4FW N0NHW NO0T TG9ADQ W1BAT	W4HOG 160 AB1QB JA1AFR K5IQ	AB4GG K7AD K7ZD N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM	KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	W5SWV WA5TKU WS4V 141 K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	KQ4KX N3XH 137 N1SZ N5JGK SM7AED
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM N2WM NU1T UT7QF WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	140 AC5DK BA4SI CO2WF K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4TUN W6DQ WA4KXY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N1JFU W0RIC	158 I0WTD K8CR KI0D N2CG	151 KO0Z OE6IMD W1ZT W2DXE	145 KD7YZ PV8AJ V31MD VA3TTX WA4JA	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN		
163 K2JF K2YSY N3FX N5XZ	156 K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N5ZBI W6VNQ (CM88) WB6RAB			133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE WI5D WW7Q
161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC	154 AE4NT KB9VMW KD2NF W3ZQN 153 AA4NC	147 AF6AV IZ1LBG K6PSP	142 N2ZA N5RMS NA2X NC4VA	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO	

XE2O	KJ6SDF	W9CDL	N3YPJ	116	112
	KN4DMN		VE1JC	IK7EOT	K2MLS
132	N1SFE	123	VE3XK	K4RGN	K3GD
AB3CV	W0WT	AC7AF	WA6RAY	KI6QDH	K5WTA
IC8TEM	W5ZO	K9SM	WD4OHD	KU5B	KA7T
K5VG	W8FR	KB0GT		N0VR	N5HMH
KW4G	WB2WEO	KB0STN	119	NO0B	W1TR
N4PPH		KG6DHQ	AE5AU	W0DHB	W5DQ
N7TP	127	VE3TG	K0AWU		W6OAT
N8IK	AA9RK	W1HS	K1ZN	115	W7IV
NE1I	K3GYK	W3SE	K2SQS	K9MMS	W9PN
VE3TM	K7UV	W4PRZ	K4MSG	KE6TVM	WA8TWM
WN6K	K8AC	W5EWF	K7JIZ	KF0QS	WG3K
	K8OS	W7MHW	KF7PCL	KF9AF	WX3P
131	KB3OZC	W8BI	KP3V	KM5FA	XE1GK
JR1BAS	KB9TLV	W8KHP	KT0P	N7VGO	
K3NAT	KC0RQH	WA8WV	KW7N	UW5ZM	111
KG9R	N6UTC	WB2RVX	N4UPX	VK9DX	N0SLT
N2CJ	VE2JWH		W0QC	WA3BZT	PC3T
TF3JB	W1FLD	122	W4SW	WC7V	W8GBH
	WA6BIL	K7AED	W5DM		WZ8P
130		K7OGW	W7QQ	114	
AB0X	126	KA9JAC	WI4T	AC8HU	110
JA3LZS	KJ7G	KB4UF	WM9M	K2RET	EA4DEI
K0GUR	N0BDS	KB5WFE		K3RTU	K5KR
K4JKB	N7DGI	KC5UGX	118	K9AAN	K7LD
K8LG	WB4HUC	N5HYV	J68AS	KC4GCK	KD5J
KC4NX	YL2AO	VE6PY	K4AZV	KG9Z	KI0F
NG9R		VE7JAC	KA4LBD	NF8M	KP4JRS
NO8D	125	WD0GTU	KF6MXK	VE1WOW	KQ4LA
VE1DX	AA7DK		KI7BP	VE3IRR	KX5U
VE2TZT	K3PU	121	KT8X	W2JLK	N5TIF
W0PHX	KC5DRI	AE1P	KW4BY	W2ZQ	N5YM
W2LES	W2AJM	K0MFI	N1QDQ	W4ALF	W7JET
W3FEY	W3UQH	K4HBI	N3JNX	W4UFO	W7UP
WA2SEI	W4DFU	K6USY	N5EIL	WO2C	
WB4YDL	WA6POZ	KB2WAL	W2AC / WB2ABKWX4US	109	
WW5W	WB4OMM	KB5MH	W2AC/WB2ABK	AK6ZZ	
	WE1P	KE4JFS	WB2KSK	G4BWP	
129		NE0P/9	113	IW1ARB	
8P6ET	124	UR0MC	AB4PM	K2DSW	
JF4VZT	K0DLW	W8DN	AD5MD	K2JGL	
K0KD	KB0HH (EM06)	WB9TFH	K3DQB	K2OO	
K5QWO	KD5FTD		KD4BPZ	K5DNL	
KC8KSK	KM1C	120	KD6VCD	K9GY	
KF4NEF	KT5MR	EA1YO	KM5OL	KE6GLA	
KM5LY	N0SL	K2CYE	N3JDQ	KJ6CA	
KM5SC	N9AZZ	K4AU	N4YCI	KZ7N	
N9WBR	PV8AAS	K4CGY	N5YK	N8TMW	
	W0PE	KD0R	W0BM	N9TTX	
128	W1TAM	KD4MZM	W8MSP	VE3AAQ	
JR2LJO	W6SCQ	KD5BRF	W8VW	W0YJT	
KC7QAG	W7YM	KE4SCY (FM06)	WD0ENC	W1OP	

W4ZRZ	N8HM	W9MDB	101	N7EME	98
W5MPC/1	N9XMU	WB2VUO	AE7V	N8COP	AC2RL
W7RJR	VA3OKG	WB8BZK/VE3	K0IN	N8XS	AD8Y
WB6YIY	VE3AJY	WL7OU	K0SBV	VP2MRM	K0KC
WB9W	WB6VYH		K0WJ	W2CH	K0UD
	WQ9F	103	K2NUD	W4/KL7GLL	K3IXD
108		AA5CK	K5DWI	W4OZK	K3QIA
CF3VRQ	105	AB0YM	K5HX	W8BZY	K4OP
HB9BZA	AC4Q	AB5SS	K7SYS	W9DQ	K5HOB
JA9IPF	DS4EOI	K2OY	KB1JDX	WA5TLP	KA1EKR
JP7EIP	K4SJA	K4MVL	KB4KBS	WV9E	KE4LGL
K5OPB	K9MAL	K8ZEE	KC6AWX		KG4YOU
N3MWQ	KB3JGS	KA1W	KC8CSD	99	KG7E
N5DD	KC0JYT	KB0FHP	KG8WB	AB0SD	KJ2G
VE3SUB	KC4KK	KB2SGX	KG9IL	AB3TM	KK0CQ
VE7IG	KF4DGS	KC9FFV	KL2R	K0YO	KY0Q
VY2RU	KJ7TH	KF0AIJ	KR4WM	K4KEW	N0JJQ
W4AMP	N4NQY	KF4DVG	KR7LD	K4WQ	N1JHJ
W4CRN	N5SAN	KR4NO	N1IX	K4ZO	N3LRP
W5AAJ	N7YY	N0YXE	N4AOE	K5VPQ	N5TEY
W8EH	NE9O	N1JIF	N8VEA	K7DD	N8AID
W9VNE	PU4JOE	NF6P	N9DVS	K7PAP	NO5X
XE1R	VE3VRQ	NN2D	ON9CMR/W0	K9ZZE	NO8R
	W8MIL	VE7DXG	VA2LGQ	KA0ZEE	VA3VF
	W9RVG	W0TF	W4LLP	KC2IEB	W2KRP
107	WA4MYO	W3LEO	W5KBD	KC6X	W6TE
JA3EGE		W6IT	W7ISG	KD4MWO	WA2FGK
K5UIC	104	W6XU	WB8IMY	KD6RUH	WA3TLT
KF7PG	AB9YC		WD5IYT	KG9AP	WB1GQR
KI9A	AC5K	102		KR4UA	WB2YDS
KK4LUM	AC5RN	AA9MY	100	M5MYH	WD0E
N3TTT	AC9QR	AB8JH	AC0FT	N4FV	WH6LR
N9OI	IK4DRY	AD6KH	AI2S	N7HRT	WT5H
NF0T	K5PPP	K0HAQ	AI9U	N7JPF	WV5Y
US0KW	KB9RNO	K3HW	K2UA	N7TE	
W2TTT	KC1LXO	K9AM	K4UQC	N8GHZ	97
WB4PPW	KC2TR	KA3ZLS	K5GM	N8YV	AB8M
	KD9GKL	KB8CR	K5KV	N9MKC	AJ9C
106	KJ7OG	KC6WFS	K8IJ	NB5R	K0HB
K0MEI	KM6WXB	KC8DMN	K9CC	NH6CJ	K0JQZ
K5BJW	KO4LZ	KD8NYO	KB9ZLB	NI5W	K0QEI
K7BWH	N0STP	KE1AU	KC2HLI	NS2P	K0SH
K7JE	N1LDY	KJ4M	KC8CC	VE2HAY	K0YQ
KB0TIJ	N2FBQ	KR5V	KC9CMT	W2HOG	K3HZO (FN20)
KC7ICM	N3UPS	N1HOQ	KD3SW	W2VU	K4GTR
KE5JXC	N7AGF	VE7ZD	KE5CVM	W5JLC	K4JQU
KJ6MBW	NJ1H	W4RVZ	KF0Q	W6TJU	K8XF
KK2DOG	VE2PIJ	W5DPT	KG5X	WA1LAD	KA2BSK
N0RQ	W1TE	W5OV	KJ5OA	WA5TRX	KA7EII
N1USB	W1ZE	W7UT	N3TBB	WB5NHX	KC0YBM
N2IPH	W4KVS	W9NFL	N4NIA	WB7VVD	KD5CKP
N4CE	W6ZQ	WA8EQP	N5RZK	WK5X	KF4KSN
N5FPW	W9EBK	WB5FDP	N5XTR	WW2R (EL09)	KM4NYI
N5YHF					

KT5WB	NT2A	WD8DOT	W4LNG	W7EIR	KB3IAI
N1VMJ	NW5Q	WS4S	W5ODD	W7TRX	KB3NDS
N3UMA	NY2Z	XE2AT	W5PUF	W9IFW	KB7AZ
N4BH	VE2DCP		W7NX	W9NED	KC5POV
N6MA	W1HMM	94	WA7LHZ	W9WI	KC8LGL
N9APK	W3VHF	AA4RP	WA9BXB	WA5ICA	KE1IU
N9IO	W4KK	AB4VT	WT9U	WB5CON	KE7RTB
N9KY	W4TMR	AD1DX	WV7S		KG4QWC
NK7C	W7JHS	AK8CW		92	KI3O
NU0Y	WA3EEC	HK4SAN	93	K1EY	KI5BLU
VA3FIN	WB0M	IK8YTA	AG2A	K5GDX	KM7N
W3QT	WB5KJE	K0ARM	AG6CV	K5TDA	KM9I
W4CWA	WP4LNY	K3BEE	A18F	K7FU	KQ6K
W4DAS		K3TUF	K0IW	K7HKR	N3PPH
W4ID	95	K4JRK	K1PTF	K7UWR	N3WCM
W7DN	AB9AI	K4LDC	K1ZK	KB0PQP	N6DW
WA6OSX	AE0G	K4NNX	K2AK	KC4JNW	N7CZ
WA9LEY	AE5EO	K8GT	K2MTS	KD4QMY	N8DEZ
WB8RVK	K1PNQ	K9DOG	K4DAM	KE4WBO	NR4J
WB8ZTV	K4ED	K9SUL	K5TRI	KG4URP	NU4N
WB9PNU	K8KFJ	KA2F	K6RM	KR7X	OE9KFV
WE8L	K8ME	KA9UVY	K7IP	N2SG	VA2BBW
	K8VD	KB7AK	K7TRK	N3GH	W2SUB
96	KD7WH	KC0AUJ	KB0USF	N4VN	W4MLN
AD5OW	KD8DR	KC3AK	KC5TGT	N5QO	W5KDA
AE4TQ	KD9ZR	KD4VRZ	KC5TT	N6FD	WB0NRV
AK4F	KF6XA	KE3WM	KC9TTR	N6RPM	WB7X
HB9EFK	KI0SK	KF0LA	KC9UL	N7DED	WC4V
K2CK	KW9U	KG4NLZ	KD0QG	NS6E	XE1GZU
K2UF	N1XK	KU4JZ	KE6AZX	UT5JAJ	
K2UNK	N2SLO	KV3W	KE6UMW	W1PV	90
K4EQH	N2WLS	N0LNE	KE8RPJ	W2ACY	AA0LM
K5CRJ	N3WAV	N0LP	KI0J	W2CVW	AB4WL
K8EMR	N4ET	N1TOR	KK7MNC	W3ACO	AB9DU
K9OT	N5BLY	N2SU	N2BX	W3HZU	AF5BG
KA2NDX	N5ENU	N3JBH	N2YTF	W4BP	DL1SMA
KA3HED	N5KI	N3XBG	N3AO	W4LIA	JH4JNG
KB5GI	N9IV	N3YUG	N3ZBK	W6NS	K1HC
KB8PNS	N9LJX	N5ZMP	N4GOA	W8JV	K1KA
KC0HBP	VA3KS	N6HY	N4YHC	WA3JKB	K3CWF
KD6PY	VA3PZ	N6MXU	N7EGY	WA4EEZ	K3UAL
KI5TE	VE3KZ	N7NH	N7JI	WM3O	K4AAP
KM2O	VE3SPW	N7UN	N7KSI		K4FTP
KM5NU	W4YZJ	N8WWM	NA9D	91	K4XZ
KR4EE	W5ADA	N9DD	VA7QI	AA0CW	K8EAB
KS4V	W5CBF	N9UNX	VE3WMD	AD3Y	KA5TJI
KT5RR	W5RCQ	VA3MA	W0MHK	CO2WZ	KB5FHK
N0WVU	W7JWC	VE3RX	W2VTV	K1UR	KB7BSA
N2LID	W9SX	VE5MX	W3ZGD	K4SPA	KK4DZP
N2VHZ	WA2ONK	VE7AB	W4GPM	K6YK	KW3DX
N2XK	WA3I	W2GR	W4VG	K7HPN	N2ULL
N8PAQ	WA4WR	W3IPA	W5DMT	K8OI	N4BRF
N8YBY	WB2SIH	W3TA	W5DWA	KB2YWU	N5BA

N9JJ	88	N0ELA	W9QY	81	N2MH/4
VA3XOV	AA4QE	N2CJN	WA4WKL	AB4I	75
W9CPV	AE0DX	NA5DX	WD4LSS	DF3CB	G4RGK
W9CSY	AE4OF	NE5S	WF4R	KE4DZU	K3PP
W9HBH	AF4MI	NI5F		N6MM	K6VHF/HR9
WA2BEV	K1RS	NN7RM	84	N7NEV	K8QM
WA8OJR	K3TN	W8GOC	CT3FT	NI4Y	N5GH
WD9HCF	K4XD	WB3IGR	K4EZY	W3MC	NP3YL
WE7H	K7CTV	WB8JAY	KE6NDG	WA4ZXV	W4LVH
WEST SEATTLE AMATEUR	K7ZYV	WF4W	N1KI	WA8ZNC	W5UC
WH6LE	K9JF	XE1RBV	N2NWS	XE1EE	WP4NEG
WT4C	KB2KIR	86	VE2WBK		ZL3AAU
XE3/K5ENS	KC1GWX	AG1T	W8PU	80	
	KC3MLC	K7FB	W8SGR	AC6BW	74
89	KE8UM	KA9OKH	ZS6NK	K7FR	AK8B
AB1TZ	KI2D	KB7JJG		KE4PT	CX4AAJ
AG2AA	KI4RFM	KI6HQT	83	KR4Q	KF2TI
AG7NR	KJ4KW	KN4MMH	AA6E	KW1DX	LU4FPZ
G4NBS	N0OK	KP4TB	AC9GK	N2NS	VE6SO
JQ1TIV	N1CEO	KT1R	DL5XJ	VY2HF	VK4CZ
K4BMM	N2MKT	N2NF	K1LH	W5TTY	WC6DX
K5CX	N2ZN	N3MVF	K4SQC	W6TCP	
K5JAZ	N4CAG	N8TFD	K6JJ	W7AM	73
KA0MWA	N4GN	NZ3O	K8SIA		G4FKA
KF4TVL	N4KIN	VA3MDB	KB3HHA	79	JF1IRW
KI0G	N4UC	VA7LM	KB9LIE	K4RW	SV1RK
KI4FW	N5VBK	VE7IRU	KC1UYZ	K5JBT	VP2MJD
KI4US	NS3X	W8IW	KK7BV	KB4DSL	W4WT
KR4U	NT4TN	WA1PMA	KU4WW	KP4N	
KT3X	VE2VLJ	WB4GCS	N6KTH	N2COP	72
N2GZ	W2BZR	XE2AU	SV2AEL	N5YJZ	N4II
N5KAE	W3YX	85	TG9AKH	N9RC	PV8ADI
N8YSZ	W4DL	EI3IO	W7USB	VE3CFK	
N9RG	W4RXR	K1UU	WD6T	W2GW	71
N9UDX	W7HDD	K4LRP	WD9IOK	W2SKI	K0GW
NE2U	WA2BTR	KB3MXK	WI6Z	WN0L	K4GK
VE3VCF	WA5MD	KC0V	XE1MM		K5WPN
W0HRO	WK3N	KE4DRF	82	K2QPN	NP4TT
W1HY	WV8O	KK4AND	AD4IE	SP5QWB	W2YR
W2JEK	XE1SOV	N2RJ	CB0ZA	TG9AWS	W3FGP
W2OK		N4LS	K3RJK	W4NE	WC5M
W4ZMM	87	NJ1Q	K4JMX		70
W6VNO	AC0A	VE3GFN	KA5WSS	77	GI4SJQ
W9HT	AG4I	VE7DAY	KC5YKX	K1IFJ	K4BNC
WA7SDI	K4JC	W1WV	KG4KVZ	MI0AYR	KC0ZRX
WB3IAL	K5UZ	W3STU	N1SF		N6GEO
WM6Y	K5WO	W4IT	PU8TEP	76	W2QO
WQ5C	K6UIP	W4RA	W5DAS	K0WYN	W4GP
WR5AY	KB1VUN	W6ST	W7YOZ	K6MAA	
XE2NL	KC8NAH	W7SIR	W8GG	KI4CYB	69
XE3DX	KE6WOX	W8DQ	WA2ONG	KI7WXP	K3WGR
	KI6RRD			N1GNB	

W1YM WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	WB4SON WB8TGY (EN72)	K4SLC KP4EIT W8MK	UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM	21 EA1YN	
66 K6KLY KK4YEL		41 N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR	13 K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB
64 K3BQ WD5GRW (EM13QC)	54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP		11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
63 EA1DR KB0RFY	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HA5PT JA9APS JH9DRL	26 DS4AOW WB7QXU	17 G3LZQ PY2XAT W0JM	
61 CU3AN K4MLB N0GVK US5WE UX1UA	50 N8MR	36 JA1WSK	25 EA4/K1WE	16 N6VHF SV8CKM TI2CDA	10 DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW
60 IZ4DPV KP4JFR S55DX UR9QQ	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9HIT JE2UFF LU5FF PY2RN	9 DL7BA
	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM	23 GM4ILS HB9G		
		33 W8GC			

EB1EWE	VR2XMT	CO6CBF	IZ5FSA
EC7ZK	W1ZR	DF3VG	JA1GZK
G6BFP	W2ZF	DF8FT	JA7DPC
IK3ITB	YL2CZ	DK1CO	JA7VXB
JA1MZL		EH4BPJ	JH8XVT
JA2FGL	4	ES8JX	JI1HNC
JE1LFX	CT7/RC2A	F5TMJ	JJ1PFC
KD3UY	DD6UAH	G0THY	JL2ULM
S51NM	EK/RX3DPK	G4DDL	JN3ONX
	F1DFR	G8GNI	KC3KJQ
8	GM4CFS	GI4ONL	KG4JSZ
DK2LO	GM4KHE	IK1IYU	KH6WI
JA1CPU	IV3GOW	IK2GOQ	KP4DER
JE3PCP	JG1JPE	IZ8XQC	MM0INH
JJ2NWI	JH7IMX	JA6AVT	OK1UU
N8RO	JH7IPR	JA6SZV	ON6NA
OH8LXT	JK6DXD	JA9FAI	OZ1IKY
	UT5EL	JH3MHI	PU5SVE
7	VK4ZP	JP1HDK	SM3GBA
DH0GSU	XE1SAX	K4KZM	SM6LPG
G8APB		K7LY	SQ5NRY
HB9GWJ	3	KEN IN NEBRASKA	UN8G
IZ0INX	DF1ZN	LA2CQ	UR5EDX
JA2NDQ	DJ5AV	OH3KAV	VR2VGM
LA3DV	DL2KQ	SV1XV	WB7VUF
N5ORT	EA1AR	SV3FUO	YO8WW
NJ4Y	EA4D	YB2DX	
UR5FEO	G3LHJ	YL2KF	
ZS4TX	HA9PP		
	HL2ZN	1	
6	IK0WRB	3A2MW	
CT2FEY	IK8EPC	9A2EY	
DL1TRK	IW3GJF	AJ6T (EM66)	
DU0A	JI1CHH	BD4UJ	
EI2JC	JM1GHT	CT1AHU	
JA7NGE	JN1BPM	DH8BQA	
PY2VA	JR6IQI	DJ3ZF	
	KC0Y	DL2DCX	
5	PY5IP	DL4ZAB	
DL5LH	SA7CJO	DS5TOS	
EA1AAA	SV1VN	EA3WD	
EA7ZY	W1CBY	EA4GQS	
IK8GYS	WD9EWK (DM43)	F1VEV	
JI5USJ	YB1TJ	G4CFS	
JJ1IDW	YL2CA	G4VSS	
KB8VAO	YL2MU	G6MXL	
M1VPN		G7SQS	
MU0GSY	2	G8TTI	
OK1IN	5B4ALJ	IK5BSC	
ON5UE	6K5XZE	IW0AFS	
PP2RON	9A2GA	IZ0BTV	
SK6QA	9K2NO	IZ2CSX	
VE2NGH	BV6CC	IZ3DBA	