

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 (03 Dec 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	W0JW	XE2CQ	AF5CC	464	452
AA0MZ	W0LGQ			KB9OWD	N5BO
AA5AM	W3CP	485	477		N9BX
AA5C	W4UDH	K0TPP	KC7V	463	NE1B
AA7A	W5ADD	K9MU	N5KO	K4MY	
A15I	W5AFY	N0POH	N7ZO		451
K0GU	W5AJ	W5VY	NC6K	462	K5WBM
K1TOL	W5EME	W5ZN		K6ZH	
K4PI	W5FF		476	N6ORB	450
K4XO	W5KI	484	KC7QY		AJ4F
K5RK	W5OZI	AD6D		461	KF8MY
K5UR	W7GJ	K7BG	474	N4JQQ	
K5WE	W7JW		K7KQA	NA9RB	449
K7CW	W7KNT	483	W6XK		KF6HI
K7ULS	W7MEM	AC0RA		460	W8TN
K8SIX	W9FF	K1USA	473	K4SO	
K9CT	W9JN	W0VTT	N4TB		448
KA9CFD	W9RM	W5TRL	NQ7R	459	KP4AJ
KA9FOX	W9XX		WB0O	N5NA	W3LPL
KD5M	WD5K	482		XE2K	
KG5CCI	WQ5S	K0BJ	472		447
KM0A	WS9V	KX4R	A11K	458	AH0U
KM0T			KB7ME	K9NW	K3SX
KO9A	487	481	WD8JJA	KG5THG	K4HB
KR7O	K0SIX	W9VHF	WE9R	N9BCA	KS7S
KV5W	K1TO	WA7HQD			N4SC
N0LL	K7MAC		470	457	
N0LWF	K9YY	480	WO7R	NI0G	446
N0PB	N0AKC	K5GZR		W3UR	K1HTV
N0TB	N7CW	N4WW	468		K6EID
N1AV	N7IR	WB0ULX	VE3EK	456	WB7CJO
N3SL	N9ISN	XE2OR		N4QS	
N3XX	NA6L		467	N9PGG	445
N5DG	W3IP	479	N5EKO	W5THT	K4XP
N5OMG		N5WS			K7PI
N6JV	486	W5WVO	466	453	KU7Z
N7NW	K5ND	W9RN	KA0JGH	K4YMQ	N8OC
N9LB	KY7M		KB6NAN	KB9DAK	
N9UM	N0KE	478	NY0V	W5XC	444
ND0B	N7KA	AD1C	WB9CIF		N7BAV
W0FY	WD5COV	AE5B	WX7M		

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

W7YAQ	K0CS	N0AN 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	320 N4DW	319 KF2T N7US W4ER	309 AA4LR
362 W1JR WA5OLT	346 W8LMG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W9GKA WA7PDC	318 W4HY	317 KA8SYV W1SKU W3HDH	308 WA4HFN
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR	307 K1ST KE5K W3ATV W9RPM
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	333 KM4HI KN4NN N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO	306 K4QE K6RO N0LD WB0OQV WV9L
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ W2HRO	325 WA2AEY	314 KU4XO VE3XN	305 K3VAT K6UM (CM88) KT1J WA9M	304 K6IPF
357 K4LVV	341 KD7DCR NX7U WA7YAZ				
355 KD5XB	340 KE4TH				
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	280 N0KV NM5Z W1FKF	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	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS	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	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N		262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW
296 JG1TSG K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM		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	179 K1EP KU4WD	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1V67)	168 KG5ZMQ W2PD W8WEJ
	192 N1LF N2NB N3CAL N3NR N4LXB	185 AD6W			167 K4MQG KB1YNT KE5EP

LU4FW	W4HOG	AB4GG	K6PSP	NC4VA	KQ4KX
N0NHW		K7AD	KC1BUF	W5SWV	N3XH
NO0T	160	K7ZD	VE3CX	WA5TKU	
TG9ADQ	AB1QB	N1OFZ	W4YCC	WS4V	137
W1BAT	JA1AFR	N2ADV	W5WOX		N1SZ
	K5IQ	N6DHZ	WA0VPJ	141	N5JGK
166		W3DQS	WA3YGQ	JA6RJK	SM7AED
JA1OVD	159	W5FI		K4AR	
KC2GHT	G0OIL	W9ILY	146	K9ATX	136
N5VU	K4MZ	WB5ZAM	K2GW	KT8TD	K0XXX
NC4RY	NS7B		K8YTO	N9FIV	K4SX
VA3WEB	W1EME	152	KB0YH	NV4B	KC5LK
WB4KXS	W4TTO	AA6I	KB5ZEA	W4FS	KC9AXZ
	WB8NUT	N0RC	KC2TN	W4POT	KJ5RM
165		N1NUM	KM5TY	W6ZI	KV1E
K4DXT	158	N2WM	N4HID	WB9WHQ	NO1R
KD5HPT	I0WTD	NU1T	VA2RC	WR7AY	W2JCN
N1JFU	K8CR	UT7QF	VE1VOX		W4AVV
W0RIC	KI0D	WO4G		140	W7UV
	N2CG			AC5DK	XE2JS
164		151	145	BA4SI	
K2SD	157	KO0Z	KD7YZ	CO2WF	135
K5VWW	K4FX	OE6IMD	PV8AJ	K7SAM	CU3EQ
KD0UHN	KB8GC	W1ZT	V31MD	KC0MEZ	K4MWB
KF9US	KC2WUF	W2DXE	VA3TTX	KC8TMU	K8ZIZ
W4CSW	WA7NB		WA4JA	KJ4KVC	LY3W
WK7G		150		N1EN	N4DB
WQ7F	156	N9LAH	144	N3VOP	N8XE
	K2KJ	VE3OAT	K0TLG	NJ0U	W6BXQ
163	K9OHI	W7APM	K5TDW	VA3FLF	WB8BZK
K2JF	N3RN		K6JRA	VE3KY	WW2DX
K2YSY	N9KO	149	K8MN	W4TUN	XE1H
N3FX	VE7V DX	AB6CF	K8WU	W6DQ	
N5XZ		K4SAN	N9DI	WA4KXY	134
	155	KK9H	W5MPC		AB1NS
162	AE4M	W3UA	WO7GI	139	AB4GE
AF4GK	CT1BWU	WB4VHF	YV4NN	IZ8FFA	C6ABB
K0QB	K3TD			KC7JPC	GM4UYE
KA1R	K6XN	148	143	KU0G	KE5FXE
KD4TDI	N7AU	AC0DQ	K0KVR	N7T	N3AIU (DN70)
N5SIX	N9OBE	AG0A	K6JBH	NA2AA	N8GOU
W9JJB	TG9ANF	K0RU	K9QFR	NZ6N	W4TKI
W9VS	VA3NQ	K7IU	KB8RJS	W4OV	WA3WZR
WA1Z	WV8DX	KB2YSI	N8URE (FM19)	WB2JIL	
WB0WAO		N0TM	NA1VT	WY0V	133
	154	N1TOR	W0HNM		KA5ETS
161	AE4NT	N5ZBI	W0UHL	138	KC1RET
K4EA	KB9VMW	W6VNQ (CM88)	WB0MMC	AC0XY	KE1VT
KB3CWQ	KD2NF	WB6RAB	WM5H	AI6O	KM8V
KK9M	W3ZQN			KD7WPJ	W0RT
N2YBB		147	142	KE0A	W4GE
V44KAI	153	AF6AV	N2ZA	KE3D	WI5D
VE3LC	AA4NC	IZ1LBG	N5RMS	KE8RO	WW7Q
			NA2X		

XE2O	KJ6SDF	W7YM	KE4SCY (FM06)	116	112
132	KN4DMN	W9CDL	N3YPJ	IK7EOT	K2MLS
AB3CV	N1SFE	123	VE1JC	K4RGN	K3GD
IC8TEM	W0WT	AC7AF	VE3XK	KI6QDH	K5WTA
K5VG	W5DM	K9SM	WA6RAY	KU5B	KA7T
KW4G	W5ZO	KB0GT	WD4OHD	N0VR	N5HMH
N4PPH	W8FR	KB0STN	119	N00B	W1TR
N7TP	WB2WEO	KG6DHQ	AE5AU	W0DHB	W5DQ
N8IK	127	VE3TG	K0AWU	115	W6OAT
NE1I	AA9RK	W1HS	K1ZN	K9MMS	W7IV
VE3TM	K3GYK	W3SE	K2SQS	KE6TVM	W9PN
WN6K	K7UV	W4PRZ	K4MSG	KF0QS	WA8TWM
131	K8AC	W5EWF	K7JIZ	KF9AF	WG3K
JR1BAS	K8OS	W7MHW	KF7PCL	KM5FA	WX3P
K3NAT	KB3OZC	W8BI	KP3V	N7VGO	XE1GK
KG9R	KB9TLV	W8KHP	KT0P	UW5ZM	111
N2CJ	KC0RQH	WA8WV	KW7N	VK9DX	N0SLT
TF3JB	N6UTC	WB2RVX	N4UPX	WA3BZT	PC3T
	VE2JWH	122	W0QC	WC7V	W8GBH
	W1FLD	K7AED	W4SW		WZ8P
130	WA6BIL	K7OGW	W7QQ	114	
AB0X	126	KA9JAC	WI4T	AC8HU	110
JA3LZS	KJ7G	KB4UF	WM9M	K2RET	EA4DEI
K0GUR	N0BDS	KB5WFE	118	K3RTU	K5KR
K4JKB	N7DGI	KC5UGX	J68AS	K9AAN	K7LD
K8LG	WB4HUC	N5HYV	K4AZV	KC4GCK	KD5J
KC4NX	YL2AO	VE6PY	KA4LBD	KG9Z	KI0F
NG9R	125	VE7JAC	KF6MXK	NF8M	KP4JRS
NO8D	AA7DK	WD0GTU	KI7BP	VE1WOW	KQ4LA
VE1DX	K3PU	121	KT8X	VE3IRR	KX5U
VE2TZT	KC5DRI	AE1P	KW4BY	W2JLK	N5TIF
W0PHX	W2AJM	K0MFI	N1QDQ	W2ZQ	N5YM
W2LES	W3UQH	K4HBI	N3JNX	W4ALF	W7JET
W3FEY	W4DFU	K6USY	N5EIL	W4UFO	W7UP
WA2SEI	WA6POZ	KB2WAL	W2AC / WB2ABK	WO2C	109
WB4YDL	WB4OMM	KB5MH	W2AC/WB2ABK	113	AK6ZZ
WW5W	WE1P	KE4JFS	WB2KSK	AB4PM	G4BWP
129	124	NE0P/9	117	AD5MD	IW1ARB
8P6ET	K0DLW	UR0MC	AB5J	K3DQB	K2DSW
JF4VZT	KB0HH (EM06)	W8DN	K4WS	KD4BPZ	K2JGL
K0KD	KD5FTD	WB9TFH	N4USG	KD6VCD	K2OO
K5QWO	KM1C	120	N5JEH*	KM5OL	K5DNL
KC8KSK	KT5MR	EA1YO	N5LPT	N3JDQ	K9GY
KF4NEF	N0SL	K2CYE	NA7L	N4YCI	KE6GLA
KM5LY	N9AZZ	K4AU	NU6V	N5YK	KJ6CA
KM5SC	PV8AAS	K4CGY	W6WE	W0BM	KZ7N
N9WBR	W0PE	KD0R	WA1TBV	W8MSP	N8TMW
128	W1TAM	KD4MZM	XE2PXN	W8VW	N9TTX
JR2LJO	W6SCQ	KD5BRF		WD0ENC	VE3AAQ
KC7QAG					W0YJT
					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	VE4XTZ
107	WA4MYO	W3LEO	W5KBD	KC6X	W2KRP
JA3EGE		W6IT	W7ISG	KD4MWO	W6TE
K5UIC	104	W6XU	WB8IMY	KD6RUH	WA2FGK
KF7PG	AB9YC		WD5IYT	KG9AP	WA3TLT
KI9A	AC5K	102		KR4UA	WB1GQR
KK4LUM	AC5RN	AA9MY	100	M5MYH	WB2YDS
N3TTT	AC9QR	AB8JH	AC0FT	N4FV	WD0E
N9OI	IK4DRY	AD6KH	AI2S	N7HRT	WH6LR
NF0T	K5PPP	K0HAQ	AI9U	N7JPF	WT5H
US0KW	KB9RNO	K3HW	K2UA	N7TE	WV5Y
W2TTT	KC1LXO	K9AM	K4UQC	N8GHZ	
WB4PPW	KC2TR	KA3ZLS	K5GM	N8YV	97
	KD9GKL	KB8CR	K5KV	N9MKC	AB8M
106	KJ7OG	KC6WFS	K8IJ	NB5R	AJ9C
K0MEI	KM6WXB	KC8DMN	K9CC	NH6CJ	K0HB
K5BJW	KO4LZ	KD8NYO	KB9ZLB	NI5W	K0JQZ
K7BWH	N0STP	KE1AU	KC2HLI	NS2P	K0QEI
K7JE	N1LDY	KJ4M	KC8CC	VE2HAY	K0SH
KB0TIJ	N2FBQ	KR5V	KC9CMT	W2HOG	K0YQ
KC7ICM	N3UPS	N1HOQ	KD3SW	W2VU	K3HZO (FN20)
KE5JXC	N7AGF	VE7ZD	KE5CVM	W5JLC	K4GTR
KJ6MBW	NJ1H	W4RVZ	KF0Q	W6TJU	K4JQU
KK2DOG	VE2PIJ	W5DPT	KG5X	WA1LAD	K8XF
N0RQ	W1TE	W5OV	KJ5OA	WA5TRX	KA2BSK
N1USB	W1ZE	W7UT	N3TBB	WB5NHX	KA7EII
N2IPH	W4KVS	W9NFL	N4NIA	WB7VVD	KC0YBM
N4CE	W6ZQ	WA8EQP	N5RZK	WK5X	KD5CKP
N5FPW	W9EBK	WB5FDP	N5XTR	WW2R (EL09)	KF4KSN
N5YHF					

KM4NYI	N8YBY	WB2SIH	W4LNG	W7EIR	KB3IAI
KT5WB	NT2A	WD8DOT	W5ODD	W7TRX	KB3NDS
N1VMJ	NW5Q	WS4S	W5PUF	W9IFW	KB7AZ
N3UMA	NY2Z	XE2AT	W7NX	W9NED	KC5POV
N4BH	VE2DCP		WA7LHZ	W9WI	KC8LGL
N6MA	W1HMM	94	WA9BXB	WA5ICA	KE1IU
N9APK	W3VHF	AA4RP	WT9U	WB5CON	KE7RTB
N9IO	W4KK	AB4VT	WV7S		KG4QWC
N9KY	W4TMR	AD1DX		92	KI3O
NK7C	W7JHS	AK8CW	93	K1EY	KI5BLU
NU0Y	WA3EEC	HK4SAN	AG2A	K5GDX	KM7N
VA3FIN	WB0M	IK8YTA	AG6CV	K5TDA	KM9I
W3QT	WB5KJE	K0ARM	A18F	K7FU	KQ6K
W4CWA	WP4LNY	K3BEE	K0IW	K7HKR	N3PPH
W4DAS		K3TUF	K1PTF	K7UWR	N3WCM
W4ID	95	K4JRK	K1ZK	KB0PQP	N6DW
W7DN	AB9AI	K4LDC	K2AK	KC4JNW	N7CZ
WA6OSX	AE0G	K4NNX	K2MTS	KD4QMY	N8DEZ
WA9LEY	AE5EO	K8GT	K4DAM	KE4WBO	NR4J
WB8RVK	K1PNQ	K9DOG	K5TRI	KG4URP	NU4N
WB8ZTV	K4ED	K9SUL	K6RM	KR7X	OE9KFV
WB9PNU	K8KFJ	KA2F	K7IP	N2SG	VA2BBW
WE8L	K8ME	KA9UVY	K7TRK	N3GH	W2SUB
	K8VD	KB7AK	KB0USF	N4VN	W4MLN
96	KD7WH	KC0AUJ	KC5TGT	N5QO	W5KDA
AD5OW	KD8DR	KC3AK	KC5TT	N6FD	WB0NRV
AE4TQ	KD9ZR	KD4VRZ	KC9TTR	N6RPM	WB7X
AK4F	KF6XA	KE3WM	KC9UL	N7DED	WC4V
HB9EFK	KI0SK	KF0LA	KD0QG	NS6E	XE1GZU
K2CK	KW9U	KG4NLZ	KE6AZX	UT5JAJ	
K2UF	N1XK	KU4JZ	KE6UMW	W1PV	90
K2UNK	N2SLO	KV3W	KE8RPJ	W2ACY	AA0LM
K4EQH	N2WLS	N0LNE	KI0J	W2CVW	AB4WL
K5CRJ	N3WAV	N0LP	KK7MNC	W3ACO	AB9DU
K8EMR	N4ET	N2SU	N2BX	W3HZU	AF5BG
K9OT	N5BLY	N3JBH	N2YTF	W4BP	DL1SMA
KA2NDX	N5ENU	N3XBG	N3AO	W4LIA	JH4JNG
KA3HED	N5KI	N3YUG	N3ZBK	W6NS	K1HC
KB5GI	N9IV	N5ZMP	N4GOA	W8JV	K1KA
KB8PNS	N9LJX	N6HY	N4YHC	WA3JKB	K3CWF
KC0HBP	VA3KS	N6MXU	N7EGY	WA4EEZ	K3UAL
KD6PY	VA3PZ	N7NH	N7JI	WM3O	K4AAP
KI5TE	VE3KZ	N7UN	N7KSI		K4FTP
KM2O	VE3SPW	N8WWM	NA9D	91	K4XZ
KM5NU	W4YZJ	N9DD	VA7QI	AA0CW	K8EAB
KR4EE	W5ADA	N9UNX	VE3WMD	AD3Y	KA5TJI
KS4V	W5CBF	VA3MA	W0MHK	CO2WZ	KB5FHK
KT5RR	W5RCQ	VE3RX	W2VTV	K1UR	KB7BSA
N0WVU	W7JWC	VE5MX	W3ZGD	K4SPA	KK4DZP
N2LID	W9SX	VE7AB	W4GPM	K6YK	KW3DX
N2VHZ	WA2ONK	W2GR	W4VG	K7HPN	N2ULL
N2XK	WA3I	W3IPA	W5DMT	K8OI	N4BRF
N8PAQ	WA4WR	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	78	NP4TT
W1HY	WV8O	KK4AND	AD4IE	K2QPN	W2YR
W2JEK	XE1SOV	N2RJ	CB0ZA	SP5QWB	W3FGP
W2OK		N4LS	K3RJK	TG9AWS	WC5M
W4ZMM	87	NJ1Q	K4JMX	W4NE	
W6VNO	AC0A	VE3GFN	KA5WSS	77	70
W9HT	AG4I	VE7DAY	KC5YKX	K1IFJ	GI4SJQ
WA7SDI	K4JC	W1WV	KG4KVZ	MI0AYR	K4BNC
WB3IAL	K5UZ	W3STU	N1SF		KC0ZRX
WM6Y	K5WO	W4IT	PU8TEP	76	N6GEO
WQ5C	K6UIP	W4RA	W5DAS	K0WYN	W2QO
WR5AY	KB1VUN	W6ST	W7YOZ	K6MAA	W4GP
XE2NL	KC8NAH	W7SIR	W8GG	KI4CYB	
XE3DX	KE6WOX	W8DQ	WA2ONG	KI7WXP	69
	KI6RRD			N1GNB	K3WGR

W1YM WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	23 GM4ILS HB9G K4SLC KP4EIT W8MK	LU5FF PY2RN 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	41 N6PAZ	31 K7TM	21 EA1YN	
66 K6KLY KK4YEL	55 LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA WB8TGY	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	13 K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ	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)	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	28 CT8/K0RUI JA6CRP K0FMI OH3DP		
63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	27 E70A KC9ELU WP4NIX		11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
62 HB9ALO IZ8EDJ K4DXA N6ZDH	50 N8MR	36 JA1WSK	26 DS4AOW WB7QXU	18 AJ6V HL4GAV KJ4EU W0HBH	
61 CU3AN K4MLB N0GVK US5WE UX1UA	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA	25 EA4/K1WE	17 G3LZQ PY2XAT W0JM	
60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM	24 EI2JD F1RAF F4BDG KS4YX ON6AB PA7TWO	16 N6VHF SV8CKM TI2CDA	10 DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW

9	SK6QA	9K2NO	IZ2CSX
DL7BA	VE2NGH	BV6CC	IZ3DBA
EB1EWE	VR2XMT	CO6CBF	IZ5FSA
EC7ZK	W1ZR	DF3VG	JA1GZK
G6BFP	W2ZF	DF8FT	JA7DPC
HB9GWJ	YL2CZ	DK1CO	JA7VXB
IK3ITB		EH4BPJ	JH8XVT
JA1MZL	4	ES8JX	JI1HNC
JA2FGL	CT7/RC2A	F5TMJ	JJ1PFC
JE1LFX	DD6UAH	G0THY	JL2ULM
KD3UY	EK/RX3DPK	G4DDL	JN3ONX
S51NM	F1DFR	G8GNI	KC3KJQ
	GM4CFS	GI4ONL	KG4JSZ
8	GM4KHE	IK1IYU	KH6WI
DK2LO	IV3GOW	IK2GOQ	KP4DER
JA1CPU	JG1JPE	IZ8XQC	MM0INH
JE3PCP	JH7IMX	JA6AVT	OK1UU
JJ2NWI	JH7IPR	JA6SZV	ON6NA
N8RO	JK6DXD	JA9FAI	OZ1IKY
OH8LXT	UT5EL	JH3MHI	PU5SVE
	VK4ZP	JP1HDK	SM3GBA
7	XE1SAX	K4KZM	SM6LPG
DH0GSU		K7LY	SQ5NRY
G8APB	3	KEN IN NEBRASKA	SK1N8G
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)	5F1VEV	
JI5USJ	YB1TJ	G4CFS	
JJ1IDW	YL2CA	G4VSS	
KB8VAO	YL2MU	G6MXL	
M1VPN		G7SQS	
MU0GSY	2	G8TTI	
OK1IN	5B4ALJ	IK5BSC	
ON5UE	6K5XZE	IW0AFS	
PP2RON	9A2GA	IZ0BTV	