

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

K3SX K4HB KS7S N4SC	435 KF6A NA6MG	422 VE6WQ WB5JID	K6FG K8EB N4UFO	392 AF4HX W6OMF
446 K1HTV K6EID WB7CJO	434 K1SIX K5XI K8ROX KF0M	419 K7NN W0GN W5AL	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A W4AVY
445 K4XP K7PI KU7Z N8OC	433 NM5U W3LL W9WO	417 NJ6D	404 AA1ON N2ZX VE4EAR	389 AB4SF
444 N7BAV	432 K6GXO N6KK	416 K4RWP K7ND KO4MA WW1L	403 NH6T/W4	388 K0IP W4WRL
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	431 K0TLM	415 K5OMC K7AWB W0GJ	402 K3FM K7SMA	386 N7IJ NN4R W5TFW W7AH WE4S
442 N2QT N4TL	430 K1TEO N5TJ	414 K0DEQ N0GZ ND4X	401 K4CKS	385 NK1K VE6MB W4WTA
441 K8TB K9KLD KD3CQ WA1EAZ	429 WA5JCI	413 AE5FM WA9LFO	400 W0JRP W3UUM	384 K8ROK W7FI
440 AG9S W2IRT	428 K9APW N2NL	412 VE2XK 6M FN07PJ	398 N8IEZ W1NG	383 KI0E
439 WA9DU	427 K4ZOT N4LR W0RH	411 N9EAT	397 K8JH	382 K5PI VE3YXO
438 K9MK	426 K8ZR N5OK W5JAY	410 KE7SW KE8KM KI8G N4HN	396 K6VHF KB8U	381 AG4W W3VZ
437 K5RT KK4MA	425 K6ML	409 N5SYV	395 AA5XE K0AZ KF7CQ WB4EVH	380 K7MCX NE6I WA5LFD
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	394 AA5JF K2TER KT8O N1EVK	379 AB9BH KZ2I N8WNA W6TMD
	423 AJ4A W4DR	407 W4AS W5CIA W5PR	393 K1GG K7XC W4TV	
		406 AK3E		

378 WR7X	366 KI7JA	W0KKK W1DYJ WA9PWP XE2ML	NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G
376 K8GI K8VFX N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD
375 K6QG WB4OQX	363 W4NH	349 KA0BAD		
374 KV7K N6GP N7DB	362 W1JR WA5OLT	346 W8LMG W8OP		
373 K4SSO NY1V	361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
372 JA7QVI W5MO	360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO		325 WA2AEY
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	341 KD7DCR NX7U WA7YAZ	333 KM4HI KN4NN N0IGZ W3GQ	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY
369 KF8UN N2DPF	355 KD5XB		332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	323 N8II W8KEN WO2T
368 K0DD KB0V W5RCI W6GMT	354 N3AIU (DM45)	340 KE4TH N0AN	331 K1GJQ K8WDA KC0UDO N4MW W3TI	322 N3ALN VA6SZ
367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS		
	352 KF9UG NZ3M VE3DS	338 N9JR		

321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX	N1RR WA2BAH WX0Z WX2S	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF
320 N4DW	309 AA4LR	299 DK8NE VE6WK W1LE W5SUM W8UV WB5GVY	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS
319 KF2T N7US W4ER	308 WA4HFN			
318 W4HY	307 K1ST KE5K W3ATV W9RPM	298 AG1A KD4WSC N4IQ	288 K1NU N6AR W1DU W4HLR	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N
317 KA8SYV W1SKU W3HDH	306 K4QE K6RO N0LD WB0OQV WV9L	297 KE8Y N8YQX N9LF	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM NS4T PV8DX
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J WA9M	296 JG1TSG K4XR K6YUI KC7RW	285 K5CZD K9UO XE1YY	276 K2CS K5TWJ K7TAB W9OO
315 K5VH NY2NY XE1AO	304 K6IPF WA0GUD	295 KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
314 KU4XO VE3XN	303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV W7IMC	283 K2BLA N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD
313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN	302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH
312 AF6O KA2GOJ	301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	281 JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV
311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC	291 KS4S W1WHL W2CCC		271 K7NII KB7FUV KM3V

W3HHN W3SW	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33)	253 KG4ERR N2XQM	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK HC1BI K1NJ KG7NV NN4SS	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 K5FO N0FJP N9NJY
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	240 AB5GU KG5EIU K10HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K5VR K6HEW KF6GYM W9XT
265 N5KS W7CT	256 N8ZJN	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
264 AC8L K4JAF K5KEW N0TK NF1O	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE	246 JA1UAV K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA
263 AK4PR K9AAA WB7QBS			237 K3KO	

228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	N5UWY W4IFI W5JMW	JR3REX KF7NN N1SV N2OA	204 LU2DX WA3DRC	N4BAF W3TW W5CTV
227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNN W6AER W6KAP	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK
225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
224 IT9IPQ JA8ISU NJ8J	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	193 K7PT K9AB	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	207 N1BCL N8NJA	199 N3KFV W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD
222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	215 AL7OC K2SX KI5FJ N2YU N6KW	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	190 K5DB K5ER KC2DLD KK8MM N5SMQ N9UA
221 K5WMH K6CQR N0PSJ N4ION	214 KB9PJL VE3SYK WA7AJ	205 AF4OD K8SD KE4HOA N5ITO W8QID	197 K3EGE	
	213 K3DFL KI6X W0NBC			
	212 AB5C JF8QNF			

W1ATV	K8WK	176	W4JKC	162
W2OO	NZ1I	AD5ZA	WK3V	AF4GK
WB0DBS	XE1CL	EA5BY		K0QB
189	181	K0DI	169	KA1R
KC0MEA	AB9FN	KX9X	K6XC	KD4TDI
WA5VKS	K4CMS	N5QGH	KD5OMJ	N5SIX
188	K5HDE	NP4BM	N2BEG	W9JJB
AD7KI	KB8YKR	W5AFD	N5XES	W9VS
KD4HLG	N3XJX	WA5IPS	N7PHY	WA1Z
W4AZR	N4DTF	WW2R	NY4I	WB0WAO
WA7VHF	N9MSG		VE3HHT	
WU9Q	NY0A	175	W8KNO	161
WX9M	W4RBO	PV8BR		K4EA
187	W9BS		168	KB3CWQ
AA8R	WJ1B	174	KG5ZMQ	KK9M
KD3HN	180	K3MD	W2PD	N2YBB
KQ0J	K0OST	K6WRL	W8WEJ	V44KAI
186	K4LYN	KC6ZWT		VE3LC
DJ5FI	KC1MMC	KG7P	167	W4HOG
K6ZZ	N1RK	KU0A	K4MQG	160
K8PT	N6PEQ	N1MGO	KB1YNT	AB1QB
K9SG	N6VH	NA2NY (ex-NA1VT)	KE5EP	JA1AFR
KN4PPD	W5HI	NA6O	LU4FW	K5IQ
KN7K	179	W3SO	N0NHW	
N0XLR	K1EP	WA2PNI	NO0T	159
N6ZE	KU4WD	173	TG9ADQ	G0OIL
185	N0LIE	K2ZZ	W1BAT	K4MZ
AD6W	N0MMA	K5YPV	166	NS7B
KD5BQT	NH7RO	KE4SCY	JA1OVD	W1EME
KU4UC	VA3DPB	172	KC2GHT	W4TTO
NA2R	W8LHP	AB9KZ	N5VU	WB8NUT
PY5CC	WA4QMQ	K5ZED	NC4RY	158
W3OU	178	KI4PKW	VA3WEB	I0WTD
W5BPT	KA2AYR	KJ6HI	WB4KXS	K8CR
184	KB0EO	VE2PN	165	KI0D
4O3A	KB1RZA	W4ABC	K4DXT	N2CG
AF5Q	KG5RJ	171	KD5HPT	157
K0DEW	N1ZUK	AA4PB	N1JFU	K4FX
KR4M	NQ2O	HP2AT	W0RIC	KB8GC
N1IBM	VE3NRT	KC5GSK	164	KC2WUF
N4BG	W0ZY	KC5YCH	K2SD	WA7NB
183	W1MAD	KI4TZ	K5VWW	156
K5RQ	W9JJ	NS3L	KD0UHN	K2KJ
N0UBL	WY7FD	W1PX	KF9US	K9OHI
W2UDT	177	W6IA	W4CSW	N3RN
182	AG4ZE	WA2KBZ	WK7G	N9KO
AJ6T CM87	K2QQ	170	WQ7F	VE7V DX
FP/KV1J	KI4BWW	K9TVG	163	155
K5GMX	SM7FJE	N4GBK	K2JF	AE4M
	W5ZG	N8CN	K2YSY	CT1BWU
	WA8UEG	NA2U	N3FX	K3TD
		W1MJC	N5XZ	K6XN
		W4IHI		

N7AU	KB2YSI	WM5H	KE3D	132
N9OBE	N0TM		KE8RO	AB3CV
TG9ANF	N1TOR	142	KQ4KX	IC8TEM
VA3NQ	N5ZBI	N2ZA	N3XH	K5VG
WV8DX	W6VNQ (CM88)	N5RMS		KW4G
	WB6RAB	NA2X	137	N4PPH
154		NC4VA	N1SZ	N7TP
AE4NT	147	W5SWV	N5JGK	N8IK
KB9VMW	AF6AV	WA5TKU	SM7AED	NE1I
KD2NF	IZ1LBG	WS4V		VE3TM
W3ZQN	K6PSP		136	WN6K
	KC1BUF	141	K0XXX	
153	VE3CX	JA6RJK	K4SX	131
AA4NC	W4YCC	K4AR	KC5LK	JR1BAS
AB4GG	W5WOX	K9ATX	KC9AXZ	K3NAT
K7AD	WA0VPJ	KT8TD	KJ5RM	KG9R
K7ZD	WA3YGQ	N9FIV	KV1E	N2CJ
N1OFZ		NV4B	NO1R	TF3JB
N2ADV	146	W4FS	W2JCN	
N6DHz	K2GW	W4POT	W4AVV	130
W3DQS	K8YTO	W6ZI	W7UV	AB0X
W5FI	KB0YH	WB9WHQ	XE2JS	JA3LZS
W9ILY	KB5ZEA	WR7AY		K0GUR
WB5ZAM	KC2TN		135	K4JKB
	KM5TY	140	CU3EQ	K8LG
152	N4HID	AC5DK	K4MWB	KC4NX
AA6I	VA2RC	BA4SI	K8ZIZ	NG9R
N0RC	VE1VOX	CO2WF	LY3W	NO8D
N1NUM		K7SAM	N4DB	VE1DX
N2WM	145	KC0MEZ	N8XE	VE2TZT
NU1T	KD7YZ	KC8TMU	W6BXQ	W0PHX
UT7QF	PV8AJ	KJ4KVC	WB8BZK	W2LES
WO4G	V31MD	N1EN	WW2DX	W3FEY
	VA3TTX	N3VOP	XE1H	WA2SEI
151	WA4JA	NJ0U		WB4YDL
KO0Z		VA3FLF	134	WW5W
OE6IMD	144	VE3KY	AB1NS	
W1ZT	K0TLG	W4TUN	AB4GE	129
W2DXE	K5TDW	W6DQ	C6ABB	8P6ET
	K6JRA	WA4KXY	GM4UYE	JF4VZT
150	K8MN		KE5FXE	K0KD
N9LAH	K8WU	139	N3AIU (DN70)	K5QWO
VE3OAT	N9DI	IZ8FFA	N8GOU	KC8KSK
W7APM	W5MPC	KC7JPC	W4TKI	KF4NEF
	WO7GI	KU0G	WA3WZR	KM5LY
149	YV4NN	N7T		KM5SC
AB6CF		NA2AA	133	N9WBR
K4SAN	143	NZ6N	KA5ETS	
KK9H	K0KVR	W4OV	KC1RET	128
W3UA	K6JBH	WB2JIL	KE1VT	JR2LJO
WB4VHF	K9QFR	WY0V	KM8V	KC7QAG
	KB8RJS		W0RT	KJ6SDF
148	N8URE (FM19)	138	W4GE	KN4DMN
AC0DQ	NA1VT	AC0XY	WI5D	N1SFE
AG0A	W0HNM	AI6O	WW7Q	W0WT
K0RU	W0UHL	KD7WPJ	XE2O	W5DM
K7IU	WB0MMC	KE0A		W5ZO

W8FR	W1HS	KF7PCL	WC7V	110
WB2WEO	W3SE	KP3V		EA4DEI
127	W4PRZ	KT0P	114	K5KR
AA9RK	W5EWF	KW7N	AC8HU	K7LD
K3GYK	W7MHW	N4UPX	K2RET	KD5J
K7UV	W8BI	W0QC	K3RTU	KI0F
K8AC	W8KHP	W4SW	K9AAN	KP4JRS
K8OS	WA8WV	W7QQ	KC4GCK	KQ4LA
KB3OZC	WB2RVX	WI4T	KG9Z	KX5U
KB9TLV	122	WM9M	NF8M	N5TIF
KC0RQH	K7AED	118	VE1WOW	N5YM
N6UTC	K7OGW	J68AS	VE3IRR	W7JET
VE2JWH	KA9JAC	K4AZV	W2JLK	W7UP
W1FLD	KB4UF	KA4LBD	W2ZQ	109
WA6BIL	KB5WFE	KF6MXK	W4ALF	AK6ZZ
126	KC5UGX	KI7BP	W4UFO	G4BWP
KJ7G	N5HYV	KT8X	WO2C	IW1ARB
N0BDS	VE6PY	KW4BY	WX4US	K2DSW
N7DGI	VE7JAC	N1QDQ	113	K2JGL
WB4HUC	WD0GTY	N3JNX	AB4PM	K2OO
YL2AO	121	N5EIL	AD5MD	K5DNL
125	AE1P	W2AC / WB2ABK	K3DQB	K9GY
AA7DK	K0MFI	W2AC/WB2ABK	KD4BPZ	KE6GLA
K3PU	K4HBI	WB2KSK	KD6VCD	KJ6CA
KC5DRI	K6USY	117	KM5OL	KZ7N
W2AJM	KB2WAL	AB5J	N3JDQ	N8TMW
W3UQH	KB5MH	K4WS	N4YCI	N9TTX
W4DFU	KE4JFS	N4USG	N5YK	VE3AAQ
WA6POZ	NE0P/9	N5JEH*	W0BM	W0YJT
WB4OMM	UR0MC	N5LPT	W8MSP	W1OP
WE1P	W8DN	NA7L	W8VW	W4ZRZ
124	WB9TFH	NU6V	WD0ENC	W5MPC/1
K0DLW	120	W6WE	112	W7RJR
KB0HH (EM06)	EA1YO	WA1TBV	K2MLS	WB6YIY
KD5FTD	K2CYE	XE2PXX	K3GD	WB9W
KM1C	K4AU	116	K5WTA	108
KT5MR	K4CGY	IK7EOT	KA7T	CF3VRQ
N0SL	KD0R	K4RGN	N5HMH	HB9BZA
N9AZZ	KD4MZM	KI6QDH	W1TR	JA9IPF
PV8AAS	KD5BRF	KU5B	W5DQ	JP7EIP
W0PE	KE4SCY (FM06)	N0VR	W6OAT	K5OPB
W1TAM	N3YPJ	NO0B	W7IV	N3MWQ
W6SCQ	VE1JC	W0DHB	W9PN	N5DD
W7YM	VE3XK	115	WA8TWM	VE3SUB
W9CDL	WA6RAY	K9MMS	WG3K	VE7IG
123	WD4OHD	KE6TVM	WX3P	VY2RU
AC7AF	119	KF0QS	XE1GK	W4AMP
K9SM	AE5AU	KF9AF	111	W4CRN
KB0GT	K0AWU	KM5FA	N0SLT	W5AAJ
KB0STN	K1ZN	N7VGO	PC3T	W8EH
KG6DHQ	K2SQS	UW5ZM	W8GBH	W9VNE
VE3TG	K4MSG	VK9DX	WZ8P	XE1R
	K7JIZ	WA3BZT		107
				JA3EGE

K5UIC	AC5RN	K3HW	K5KV	NS2P
KF7PG	AC9QR	K9AM	K8IJ	VE2HAY
KI9A	IK4DRY	KA3ZLS	K9CC	W2HOG
KK4LUM	K5PPP	KB8CR	KB9ZLB	W2VU
N3TTT	KB9RNO	KC6WFS	KC2HLI	W5JLC
N9OI	KC1LXO	KC8DMN	KC8CC	W6TJU
NF0T	KC2TR	KD8NYO	KC9CMT	WA1LAD
US0KW	KD9GKL	KE1AU	KD3SW	WA5TRX
W2TTT	KJ7OG	KJ4M	KE5CVM	WB5NHX
WB4PPW	KM6WXB	KR5V	KF0Q	WB7VVD
	KO4LZ	N1HOQ	KG5X	WK5X
106	N0STP	VE7ZD	KJ5OA	WW2R (EL09)
K0MEI	N1LDY	W4RVZ	N3TBB	
K5BJW	N2FBQ	W5DPT	N4NIA	98
K7BWH	N3UPS	W5OV	N5RZK	AC2RL
K7JE	N7AGF	W7UT	N5XTR	AD8Y
KB0TIJ	NJ1H	W9NFL	N7EME	K0KC
KC7ICM	VE2PIJ	WA8EQP	N8COP	K0UD
KE5JXC	W1TE	WB5FDP	N8XS	K3IXD
KJ6MBW	W1ZE		VP2MRM	K3QIA
KK2DOG	W4KVS	101	W2CH	K4OP
N0RQ	W6ZQ	AE7V	W4/KL7GLL	K5HOB
N1USB	W9EBK	K0IN	W4OZK	KA1EKR
N2IPH	W9MDB	K0SBV	W8BZY	KE4LGL
N4CE	WB2VUO	K0WJ	W9DQ	KG4YOU
N5FPW	WB8BZK/VE3	K2NUD	WA5TLP	KG7E
N5YHF	WL7OU	K5DWI	WV9E	KJ2G
N8HM		K5HX		KK0CQ
N9XMU	103	K7SYS	99	KY0Q
VA3OKG	AA5CK	KB1JDX	AB0SD	N0JJQ
VE3AJY	AB0YM	KB4KBS	AB3TM	N1JHJ
WB6VYH	AB5SS	KC6AWX	K0YO	N3LRP
WQ9F	K2OY	KC8CSD	K4KEW	N5TEY
	K4MVL	KG8WB	K4WQ	N8AID
105	K8ZEE	KG9IL	K4ZO	NO5X
AC4Q	KA1W	KL2R	K5VPQ	NO8R
DS4EOI	KB0FHP	KR4WM	K7DD	VA3VF
K4SJA	KB2SGX	KR7LD	K7PAP	VE4XTZ
K9MAL	KC9FFV	N1IX	K9ZZE	W2KRP
KB3JGS	KF0AIJ	N4AOE	KA0ZEE	W6TE
KC0JYT	KF4DVG	N8VEA	KC2IEB	WA2FGK
KC4KK	KR4NO	N9DVS	KC6X	WA3TLT
KF4DGS	N0YXE	ON9CMR/W0	KD4MWO	WB1GQR
KJ7TH	N1JIF	VA2LGQ	KD6RUH	WB2YDS
N4NQY	NF6P	W4LLP	KG9AP	WD0E
N5SAN	NN2D	W5KBD	KR4UA	WH6LR
N7YY	VE7DXG	W7ISG	M5MYH	WT5H
NE9O	W0TF	WB8IMY	N4FV	WV5Y
PU4JOE	W3LEO	WD5IYT	N7HRT	
VE3VRQ	W6IT		N7JPF	97
W8MIL	W6XU	100	N7TE	AB8M
W9RVG		AC0FT	N8GHZ	AJ9C
WA4MYO	102	AI2S	N8YV	K0HB
	AA9MY	AI9U	N9MKC	K0JQZ
104	AB8JH	K2UA	NB5R	K0QEI
AB9YC	AD6KH	K4UQC	NH6CJ	K0SH
AC5K	K0HAQ	K5GM	NI5W	K0YQ

K3HZO (FN20)	N0WVU	WA4WR	W7NX	92
K4GTR	N2LID	WB2SIH	WA7LHZ	K1EY
K4JQU	N2VHZ	WD8DOT	WA9BXB	K5GDX
K8XF	N2XK	WS4S	WT9U	K5TDA
KA2BSK	N8PAQ	XE2AT	WV7S	K7FU
KA7EII	N8YBY			K7HKR
KC0YBM	NT2A	94	93	K7UWR
KD5CKP	NW5Q	AA4RP	AG2A	KB0PQP
KF4KSN	NY2Z	AB4VT	AG6CV	KC4JNW
KM4NYI	VE2DCP	AD1DX	A18F	KD4QMY
KT5WB	W1HMM	AK8CW	K0IW	KE4WBO
N1VMJ	W3VHF	HK4SAN	K1PTF	KG4URP
N3UMA	W4KK	IK8YTA	K1ZK	KR7X
N4BH	W4TMR	K0ARM	K2AK	N2SG
N6MA	W7JHS	K3BEE	K2MTS	N3GH
N9APK	WA3EEC	K3TUF	K4DAM	N4VN
N9IO	WB0M	K4JRK	K5TRI	N5QO
N9KY	WB5KJE	K4LDC	K6RM	N6FD
NK7C	WP4LNY	K4NNX	K7IP	N6RPM
NU0Y		K8GT	K7TRK	N7DED
VA3FIN	95	K9DOG	KB0USF	NS6E
W3QT	AB9AI	K9SUL	KC5TGT	UT5JAJ
W4CWA	AE0G	KA2F	KC5TT	W1PV
W4DAS	AE5EO	KA9UVY	KC9TTR	W2ACY
W4ID	K1PNQ	KB7AK	KC9UL	W2CVW
W7DN	K4ED	KC0AUY	KD0QG	W3ACO
WA6OSX	K8KFJ	KC3AK	KE6AZX	W3HZU
WA9LEY	K8ME	KD4VRZ	KE6UMW	W4BP
WB8RVK	K8VD	KE3WM	KE8RPJ	W4LIA
WB8ZTV	KD7WH	KF0LA	KI0J	W6NS
WB9PNU	KD8DR	KG4NLZ	KK7MNC	W8JV
WE8L	KD9ZR	KU4JZ	N2BX	WA3JKB
	KF6XA	KV3W	N2YTF	WA4EEZ
96	KI0SK	N0LNE	N3AO	WM3O
AD5OW	KW9U	N0LP	N3ZBK	
AE4TQ	N1XK	N2SU	N4GOA	91
AK4F	N2SLO	N3JBH	N4YHC	AA0CW
HB9EFK	N2WLS	N3XBG	N7EGY	AD3Y
K2CK	N3WAV	N3YUG	N7JI	CO2WZ
K2UF	N4ET	N5ZMP	N7KSI	K1UR
K2UNK	N5BLY	N6HY	NA9D	K4SPA
K4EQH	N5ENU	N6MXU	VA7QI	K6YK
K5CRJ	N5KI	N7NH	VE3WMD	K7HPN
K8EMR	N9IV	N7UN	W0MHK	K8OI
K9OT	N9LJX	N8WWM	W2VTV	KB2YWU
KA2NDX	VA3KS	N9DD	W3ZGD	KB3IAI
KA3HED	VA3PZ	N9UNX	W4GPM	KB3NDS
KB5GI	VE3KZ	VA3MA	W4VG	KB7AZ
KB8PNS	VE3SPW	VE3RX	W5DMT	KC5POV
KC0HBP	W4YZJ	VE5MX	W5DWA	KC8LGL
KD6PY	W5ADA	VE7AB	W7EIR	KE1IU
KI5TE	W5CBF	W2GR	W7TRX	KE7RTB
KM2O	W5RCQ	W3IPA	W9IFW	KG4QWC
KM5NU	W7JWC	W3TA	W9NED	KI3O
KR4EE	W9SX	W4LNG	W9WI	KI5BLU
KS4V	WA2ONK	W5ODD	WA5ICA	KM7N
KT5RR	WA3I	W5PUF	WB5CON	KM9I

KQ6K	AG2AA	N2MKT	VA3MDB	N6KTH
N3PPH	AG7NR	N2ZN	VA7LM	SV2AEL
N3WCM	G4NBS	N4CAG	VE7IRU	TG9AKH
N6DW	JQ1TIV	N4GN	W8IW	W7USB
N7CZ	K4BMM	N4KIN	WA1PMA	WD6T
N8DEZ	K5CX	N4UC	WB4GCS	WD9IOK
NR4J	K5JAZ	N5VBK	XE2AU	W16Z
NU4N	KA0MWA	NS3X		XE1MM
OE9KFV	KF4TVL	NT4TN	85	
VA2BBW	KI0G	VE2VLJ	EI3IO	82
W2SUB	KI4FW	W2BZR	K1UU	AD4IE
W4MLN	KI4US	W3YX	K4LRP	CB0ZA
W5KDA	KR4U	W4DL	KB3MXK	K3RJK
WB0NRV	KT3X	W4RXR	KC0V	K4JMX
WB7X	N2GZ	W7HDD	KE4DRF	KA5WSS
WC4V	N5KAE	WA2BTR	KK4AND	KC5YKX
XE1GZU	N8YSZ	WA5MD	N2RJ	KG4KVZ
	N9RG	WK3N	N4LS	N1SF
90	N9UDX	WV8O	NJ1Q	PU8TEP
AA0LM	NE2U	XE1SOV	VE3GFN	W5DAS
AB4WL	VE3VCF		VE7DAY	W7YOZ
AB9DU	W0HRO	87	W1WV	W8GG
AF5BG	W1HY	AC0A	W3STU	WA2ONG
DL1SMA	W2JEK	AG4I	W4IT	
JH4JNG	W2OK	K4JC	W4RA	81
K1HC	W4ZMM	K5UZ	W6ST	AB4I
K1KA	W6VNZ	K5WO	W7SIR	DF3CB
K3CWF	W9HT	K6UIP	W8DQ	KE4DZU
K3UAL	WA7SDI	KB1VUN	W9QY	N6MM
K4AAP	WB3IAL	KC8NAH	WA4WKL	N7NEV
K4FTP	WM6Y	KE6WOX	WD4LSS	NI4Y
K4XZ	WQ5C	KI6RRD	WF4R	W3MC
K8EAB	WR5AY	N0ELA		WA4ZXV
KA5TJI	XE2NL	N2CJN	84	WA8ZNC
KB5FHK	XE3DX	NA5DX	CT3FT	XE1EE
KB7BSA		NE5S	K4EZY	
KK4DZP	88	NI5F	KE6NDG	80
KW3DX	AA4QE	NN7RM	N1KI	AC6BW
N2ULL	AE0DX	W8GOC	N2NWS	K7FR
N4BRF	AE4OF	WB3IGR	VE2WBK	KE4PT
N5BA	AF4MI	WB8JAY	W8PU	KR4Q
N9JJ	K1RS	WF4W	W8SGR	KW1DX
VA3XOV	K3TN	XE1RBV	ZS6NK	N2NS
W9CPV	K4XD			VY2HF
W9CSY	K7CTV	86	83	W5TTY
W9HBH	K7WV	AG1T	AA6E	W6TCP
WA2BEV	K7ZYV	K7FB	AC9GK	W7AM
WA8OJR	K9JF	KA9OKH	DL5XJ	
WD9HCF	KB2KIR	KB7JJG	K1LH	79
WE7H	KC1GWX	KI6HQT	K4SQC	K4RW
WEST SEATTLE AMATEUR	KE8UM	KN4MMH	K6JJ	K5JBT
WH6LE	KI2D	KP4TB	K8SIA	KB4DSL
WT4C	KI4RFM	KT1R	KB3HHA	KP4N
XE3/K5ENS	KJ4KW	N2NF	KB9LIE	N2COP
	N0OK	N3MVF	KC1UYZ	N5YJZ
89	N1CEO	N8TFD	KK7BV	N9RC
AB1TZ		NZ3O	KU4WW	VE3CFK

W2GW W2SKI WN0L	K5WPN NP4TT W2YR W3FGP WC5M	61 CU3AN K4MLB N0GVK US5WE UX1UA	N6DBF NP3IR YL3HA	34 G4SEU LA2QM
78 K2QPN SP5QWB TG9AWS W4NE	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	33 W8GC WB4SON WB8TGY (EN72)
77 K1IFJ MI0AYR		58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	32 DM2RM N3LRH SM6WET ZL3TE
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR		44 WO3T XE2YWH/1	31 K7TM
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	41 N6PAZ	29 HL2WA OE4VIE SP5APW
73 G4FKA JF1IRW SV1RK VP2MJD W4WT	66 K6KLY KK4YEL	55 LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX
71 K0GW K4GK	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	26 DS4AOW WB7QXU
	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	25 EA4/K1WE
	62 HB9ALO IZ8EDJ K4DXA N6ZDH	50 N8MR	36 JA1WSK	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
		48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC	35 GI4OWA LU9DO UR5WA	

23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	JE1LFX KD3UY S51NM	GM4KHE IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV SV3FUO YB2DX YL2KF
22 9H1SP IZ3ENH OE3SGU		8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT		
21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC IW3GJF JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G6MXL G7SQS G8TTI IK5BSC IW0AFS IZ0BT IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT JI1HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA OZ1IKY PU5SVE SM3GBA
20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ PY2DV PY2GM SP5XMU	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ		
18 AJ6V HL4GAV KJ4EU W0HBH			2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT	
17 G3LZQ PY2XAT W0JM	10 DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW			
16 N6VHF SV8CKM TI2CDA				
15 9K2BM EI2GLB HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS		

SM6LPG
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW