

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 (25 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	ND0B	485	477	465
AA0MZ	W0FY	K1USA	N5KO	XE2K
AA5AM	W0JW	K9MU	N7ZO	
AA5C	W0LGQ	N0POH	NC6K	464
AA7A	W3CP	N5WS	W6XK	KB9OWD
AI5I	W4UDH	W5VY		
K0GU	W5ADD		474	463
K0SIX	W5AFY	484	K7KQA	NI0G
K0TPP	W5AJ	AD6D	ND4X	W5XC
K1TO	W5EME	AF5CC		
K1TOL	W5FF	AI1K	473	462
K4PI	W5KI	WQ0P	NQ7R	N6ORB
K4XO	W5OZI		WB0O	
K5ND	W5TRL	483		461
K5RK	W7GJ	AC0RA	472	N4JQQ
K5UR	W7JW	W0VTT	KB7ME	NA9RB
K5WE	W7KNT	WA7HQD	WD8JJA	
K7BG	W7MEM	WB0ULX	WE9R	460
K7CW	W9FF			K5OMC
K7ULS	W9JN	482	471	K8ZM
K8SIX	W9RM	K0BJ	N9PGG	KF0M
K9CT	W9XX	N4WW	W0RH	W3UR
KA9CFD	WD5K			
KA9FOX	WQ5S	481	470	458
KD5M	WS9V	KC7QY	K4SO	K9NW
KG5CCI		W9VHF	K5RT	KG5THG
KM0A	487		N4SIX	N9BCA
KM0T	K7MAC	480	WO7R	NA6MG
KO9A	K9YY	K5GZR		NE1B
KR7O	N0AKC	KC7V	469	
KV5W	N7CW	N4TB	AJ4F	457
N0LL	N7IR	N5EKO	K4MY	K4HB
N0LWF	N9ISN	XE2OR		KB8VAO
N0PB	NA6L		468	W9WO
N0TB	W3IP	479	VE3EK	
N1AV	XE2CQ	W5WVO		456
N3SL		W9RN	467	AJ4A
N3XX	486	WB9CIF	K3SX	N4QS
N5DG	KX4R		NY0V	
N5NA	KY7M	478		455
N5OMG	N0KE	AD1C	466	K9MK
N6JV	N7KA	AE5B	KA0JGH	WA9DU
N7NW	W5ZN	K6ZH	KB6NAN	XE2X
N9LB	WD5COV		W5THT	
N9UM			WX7M	

454 WB7CJO	442 AG9S N2QT N4TL NJ6D	426 N5OK W5JAY	N0GZ W4TV	402 K3FM
453 K4YMQ K6EID K7PI KB9DAK N9FN	441 K8TB K9KLD	425 K6ML	413 AE5FM WA9LFO	401 K4CKS KM3V
452 KK4MA N5BO N8YO N9BX	440 W2IRT	424 K6JJ N4UFP N9AKR W3EP W5PR WB8BPU	412 VE2XK 6M FN07PJKT8O	400 W0JRP W3UUM W7FI
451 K1HTV K5WBM KD3CQ WA1EAZ	439 K4ZOT K8ROX N4QWZ N5TJ NM5U	423 W4DR	411 N1EVK N9EAT WR7X	399 NN4R
450 KF8MY W0MU	436 NZ3M W3TC WB8ART	422 K0DD VE6WQ WB5JID	410 K3UA KB0V KE7SW KI8G	398 N8IEZ W1NG
449 KF6HI N8OC W8TN	435 KF6A	421 NE6I	409 K5PI N5SYV	397 AB4EJ KE4TH KI0E W8LMG
448 K4XP KP4AJ W3LPL WB8ZBT	434 K1SIX VE3LYC	420 AD5A	408 K7SMA W7BA	396 AB4SF AG4W KB8U
447 AH0U KS7S N2NL N4SC	433 KE8KMX	419 K7NN W0GN W5AL	407 W4AS W5CIA W7YAQ	395 AA5XE K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH
445 KG7CW KU7Z N4LR	432 K3FRK K6GXO N6KK WW1L	418 N4UFO	406 AK3E K6FG K8EB	394 K6RO
444 K4SSO N7BAV	431 AA1ON K0TLM	417 AA5JF N4HN	405 AA4SC K1GG K5CKS NE9U WA1NLG	393 K7XB K7XC KD5XB KV7N
443 AB4IQ K5XI N4MM W3LL	429 K5TA K8ZR WA5JCI	416 AC9DX K4RWP K7ND KO4MA NI0P	404 N2ZX VE4EAR W5SUM	392 AF4HX K5HPT W6OMF
	428 K9APW	415 K7AWB K8JH W0GJ	403 K6VHF NH6T/W4 NY1V	391 W4AVY W6TMD
		414 K0DEQ K2TER KM8V		

390 KZ2I WF7T	376 K8GI K8VFX N3OC N9JR	363 VE7BV W1JR W4NH	350 N6VI WB4KTF	W4MAY W9XA WA5KBH
389 W5MO		362 WA5OLT	349 K1GJQ KA0BAD	337 K8ZES W9EWZ WA5RT WW0E
388 K0IP W4WRL	375 K6QG WB4OQX	361 K8BL K9NR KB1EFS N1KDO N8KOL NG4C W4ER	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S
387 KV4T N0FJP N4CH	374 K0TT KV7K N6GP N7DB		347 W2HRO	
386 JA7QVI KF9UG N7IJ W5TFW W7AH WE4S	371 AA4ZZ N3PS WA6BYA	360 K6UM (CN85) W0NOZ	346 N9XG	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KN4NN W9GKA
385 NK1K VE6MB W4WTA	370 K5TN KG8P KN4SM KS4YT N3MK NT0V W4FC	359 AA4FF K0CAO	345 AA8SW W3XY XE2YWH	
384 K8ROK N2WK W8OP	369 KF8UN N2DPF	358 K5RLA	344 K6FW KB0PE W1OW	
382 VE3YXO	368 N4JP W5RCI W6GMT	357 K4LVV WA9PWP	343 K5EK KK0DX N3RC N6KZ N8HRZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI
381 W3VZ	367 KC4HW	356 K7PT	341 KD7DCR N9LF NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ XE1YY
380 K7MCX NK0S WA5LFD	366 KI7JA	355 AA4FL N3AIU (DM45) W1DYJ	340 K0JDD K1ST N0AN WA9M	
379 AB9BH N8WNA	365 K4JJW K6EME WA7PDC	354 NU6S		
378 KR4BD	364 AB5EB K0RAR K5KEW N6QQ	353 AF2K K0CS		
377 AB1OC N8LRG NT9E		352 K7LOL VE3DS VE3XN W0KKK XE2ML	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV	332 AA7UN N4JDB N7KDT VA3IKE W9GM
		351 W7IMC	338 NA5Z VE3SXE	331 K0SRL K8WDA KC0UDO

N4MW W3TI	VA6SZ	W2BZY W5DB	K0PHP KB6VFC N1RR WA2BAH WX2S	WA8EFK
330 KB8MBC KG6AY W8PI	321 N0LD N7RO NC7B NS4C W9VA	310 N1NK W9KVR WO4DX	299 KX7L VE6WK W1LE W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA NQ7G W4LTJ
329 AA1QD N2JJ W2OR W8WG W9DCT WX4G	320 N4DW	309 AA9RR	298 K0MLD KD4WSC KK8MM N4IQ W0JM	288 K1NU W1DU W4HLR
328 K6ME N5PT W2CNS WB3LHD	318 W4HY	308 WA4HFN	297 KG5EIU N8YQX	287 K8DP KC7MRQ N8CGY W7CT WA4NVM
327 KJ5RC N0YO W2JU W7YA	317 KA8SYV W1SKU	307 AG1A KE5K KS4S W9RPM	296 K4XR K6YUI KC7RW	285 AB0S K5CZD K9UO NS7K
326 K2ZD K6LMN K6TDI NG7M W0PR W3HDH W7JLC	316 DK8NE K3FN KA0ABA W4UCK W9BWR	306 K4QE KE8Y KL7HBK WV9L	295 KE4P N6AR N7NT	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)
325 KF2T WA2AEY WX0Z	315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO	305 K3VAT K6UM (CM88) KT1J N4SV	294 K6JSV	283 N5OHL NA5DX WA0FQK WB0CQO
324 HC2FG K9SH KU4A N2BJ VE3TMG	314 KU4XO	304 K6IPF NS4T WA0GUD WA8MCD	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP N8JCM W4WM
323 N8II W8KEN WO2T	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	303 EA8DBM K8TGC K8TL N7LAN	292 KJ6P N4ST W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 JG1TSG N3ALN	312 AF6O K4NNX KA2GOJ N3KN	302 K2UU KB2TGU	291 W1WHL W2CCC	280 N0KV
	311 AC9S KS4XQ	301 N0HJZ W3SW W7IB W9OBG WB0TVY	290 VE6TA (DO33)	
		300 AA4V		

NM5Z W1FKF	KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	K9AAA WB7QBS	255 K8MVZ KG4JPL W4HFZ WA8KNE	N5DD W3TEF
279 N3JPU W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG	269 K2IE K3ZO KD5R KF6XA N5EPA N5WD VA2CY WI7P	262 K3CWH K5VR N5PA ND4DX WA0KBZ		246 K0DAS K8YC KK8X N5TIT W4FRA
278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	268 K1DT K6OJ KI0HA N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA	254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL W8FIB WD5ITW	245 AE4M N1IA N3XF VA3CW
277 AC7JM PV8DX	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	260 JM1SZY K6JAD K9MQ N6HC NT7C W3DF XE1YD	253 F4BKV KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD
276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO	266 K1OA K1WVX K3HPA TG9AJR VE3MSC WB8EJN	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 AE4WG K9QJ KG7NV NN4SS W2LV	242 IT9IPQ K3WW KA3TCC VE3SMA
274 KB1DMX		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 JR3REX K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL
272 KF8QL KO4PRE	264 AC8L K4JAF N0TK N5AO NF1O	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
271 K7NII KB7FUV W3HHN	263 AK4PR K7MDL		247 JA1UAV	238 AA3GM
270 K4SPD				

JP1LRT W1MJC	KE4UW N4NX NN5DX W5LUA	N0PSJ N4ION N5UWY W4IFI W5JMW	JF8QNF KF7NN N1SV N2OA	KE4HOA N5ITO W8QID
237 K3KO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N6PM N7XCZ	211 K9FOH KD3HN NE8S PV8BR W2ZDP W5HNC W6AER W6KAP	204 K00Z LU2DX WA3DRC
236 K0SU K4NK N3FTI N9ATD W5AJX	227 K8ZT K9TF KS9A W4KXY XE1GLL	219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF NX0I W1RM W3SZ W9GFB W9VOB WA1KPD
235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ NA5C	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W
234 KE6FCT	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP K09V KR0I NN0K NR2C WA1MKE WA9ASZ
233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	224 JA8ISU K2RET NJ8J	216 K7RB N0IS NE1F W1AW W5RWF	207 K6US N1BCL N8NJA	200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY N9AG VA3VU
232 K5FO N9NJY WA2OTC	223 K7UA N2ZA NJ7A	215 AL7OC K2SX K9OHI KI5FJ N2YU N6KW	206 AA9JC AB0CT AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA
231 AI9L K4MIJ K6HEW KF6GYM W9XT	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	205 AF4OD K8SD	198 4O3A AC8TO
230 K1ZE KO4MM VA3XJ WB0WAO/8	221 K5WMH K6CQR	213 K3DFL KI6X W0NBC		
229 GD0TEP K6RG KB9RUG KC0VDY KD5IKG		212 AB5C		

JR2HCB	190	N0UBL	WY7FD	171
N0UK	K5ER	W2UDT		AA4PB
N7EPD	KC2DLD	WC4H	177	HP2AT
W8DM	KN4PPD		AG4ZE	KC5GSK
WA7KYM	N9UA	182	K2QQ	KC5YCH
197	W1ATV	AJ6T CM87	KI4BWW	KI4TZ
I0WTD	W2OO	FP/KV1J	NY4I	NS3L
K3EGE	W4GE	K5GMX	SM7FJE	W1PX
N4BAF	W8SP	K8WK	W5ZG	W6IA
W3TW	WB0DBS	NZ1I	WA8UEG	WA2KBZ
W5CTV	189	W9JJ		
	AC0W	XE1CL	176	170
196	KC0MEA		AD5ZA	K3LL
K0AIZ	WA5VKS	181	EA5BY	K9TVG
K0NR		AB9FN	JA1OVD	N8CN
N5DUW	188	K4CMS	K0DI	NA2U
W2AMR	AD7KI	K5HDE	K6ZZ (EM78)	W0PE
XE2ED	KD4HLG	KB8YKR	KX9X	W4IHI
XE2W	W4AZR	N2WM	N5QGH	W4JKC
	WA7VHF	N3XJX	N8URE (FM19)	WK3V
195	WU9Q	N4DTF	N9ARX	
AA4W	WX9M	N9MSG	NP4BM	169
K2WJ		NY0A	W5AFD	K6XC
K6VDP	187	W4RBO	WA5IPS	KD5OMJ
KG6WIK	AA8R	W9BS	WW2R	N2BEG
	KC5N	WJ1B		N5XES
194	KQ0J	180	175	VE3HHT
K2MRK		K0OST	K3MD	W8KNO
N3FA	186	K4LYN	NE5TX	
N9NFT	K8PT	KC1MMC	174	168
WF1H	K9SG	N1RK	K6WRL	KG5ZMQ
WK8A	KN7K	N6PEQ	KC0IYT	W2PD
	N0XLR	N6VH	KC6ZWT	W8WEJ
193	N6ZE	W5HI	KG7P	W9HT
K9AB	185	179	KU0A	
KD2NF	AD6W	K1EP	N1MGO	167
	KD5BQT	KU4WD	NA2NY (ex-NA1VT)	K4MQG
192	KU4UC	N0LIE	NA6O	KB1YNT
AA6AA	N8XE	N0MMA	W3SO	KB9REV
N1LF	NA2R	NH7RO	WA2PNI	KE5EP
N2NB	PY5CC	VA3DPB		N0NHW
N3CAL	W3OU	W8LHP	173	NO0T
N3NR	W5BPT	WA4QMQ	IC8TEM	TG9ADQ
N4LXB	XE1R		K2ZZ	W1BAT
N4TV		178	K5YPV	
W6MTR	184	HB9EFK	KE4SCY	166
W8FN	AF5Q	KA2AYR		JA3LZS
	K0DEW	KB0EO	172	KC2GHT
191	KR4M	KB1RZA	AB9KZ	N5VU
K0ITC	N1IBM	KG5RJ	K5ZED	NA1VT
K9CS	N3FX	N1ZUK	KI4PKW	NC4RY
KK6OH	N4BG	NQ2O	KJ6HI	VA3WEB
N9AMW		VE3NRT	VE2PN	WB4KXS
WA2BKN	183	W0ZY	W4ABC	
WA5CAM	K5RQ	W1MAD		165
WD4JHD				K4DXT
				KD5HPT

W0RIC	157 K4FX KB8GC KC2WUF WA7NB	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL WY0V
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	156 IZ8FFA K2KJ N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K6JBH K9QFR KB8RJS W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
163 K2JF K2YSY N5XZ OE6IMD	155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W5DM W6VNI (CM88) WB6RAB	142 NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
162 AF4GK K0QB KA1R KD4TDI UW5ZM W9JJB W9VS WA1Z WB0WAO	154 AE4NT KB9VMW KW4OV NZ6N W3ZQN W4DWS	147 AF6AV IZ1LBG K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHz W3DQS W5FI W9DHI W9ILY WB5ZAM	146 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	135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H
160 AB1QB JA1AFR K5IQ WL7OU	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA		134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE
159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	151 W1ZT W2DXE			
158 K8CR KI0D N2CG				

KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR	KM5LY KM5SC N9WBR	W1TAM W3KN W6SCQ W7YM W9CDL	N3YPJ VE1JC VE3XK WA6RAY WD4OHD	NO0B W0DHB
133 KA5ETS KC1RET KE1VT W0RT WI5D WW7Q XE2O	128 JR2LJO KC7QAG KJ6SDF KN4DMN N1SFE NR1R W0WT W5ZO W8FR WB2WEO	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO 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)		112 K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV
129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF	K0DLW KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS		116 EA4DEI IK7EOT K4RGN KI6QDH KU5B N0VR	

W9PN WA8TWM WG3K WX3P XE1GK	W4AMP W4CRN W5AAJ W8EH W9VNE	VE3VRQ W8MIL W9RVG WA4MYO	W6XU XE1RBV	WB8IMY WD5IYT
111 K8BB N0SLT PC3T W8GBH WZ8P	107 JA3EGE K5UIC KF7PG KI9A KK4LUM N3TTT N9OI NF0T US0KW W2TTT WB4PPW	104 AB9YC AC5K AC5RN AC9QR IK4DRY K5PPP KB9RNO KC1LXO KC2TR KD9GKL KJ7OG KM6WXB KO4LZ N0STP N1LDY N2FBQ N3UPS N7AGF NJ1H VE2PIJ W1TE W1ZE W4KVS W6ZQ W9EBK W9MDB WB2VUO WB8BZK/VE3	102 AA9MY AB8JH AD6KH K0HAQ K3HW K9AM KA3ZLS KB8CR KC6WFS KC8DMN KD8NYO KE1AU KJ4M KR5V N1HOQ VE7ZD W4RVZ W5DPT W5OV W7UT W9NFL WA4IOB WA8EQP WB5FDP	100 AC0FT AI2S AI9U K2UA K4UQC K5GM K5KV K8IJ K9CC KB9ZLB KC2HLI KC8CC KC9CMT KD3SW KE5CVM KF0Q KG5X KJ5OA N3TBB N4NIA N5RZK N5XTR N7EME N8COP N8XS VP2MRM W2CH W4/KL7GLL W4OZK W8BZY W9DQ WA5TLP WV9E
110 K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP	106 K0MEI K5BJW K7BWH K7JE KB0TIJ KC7ICM KE5JXC KJ6MBW KK2DOG N0RQ N1USB N2IPH N4CE N5FPW N5YHF N8HM N9XMU VA3OKG VE3AJY WB6VYH WQ9F	103 AA5CK AB0YM AB5SS K2OY K4MVL K8ZEE KA1W KB0FHP KB2SGX KC9FFV KF0AIJ KF4DVG KR4NO N0YXE N1JIF NF6P NN2D VE7DXG W0TF W3LEO W6IT	101 AE7V AI5WW K0IN K0SBV K0WJ K2NUD K5DWI K5HX K7SYS KB1JDX KB4KBS KC6AWX KC8CSD KG8WB KG9IL KL2R KR4WM KR7LD N1IX N4AOE N8VEA N9DVS ON9CMR/W0 VA2LGQ W4LLP W5KBD W7ISG	99 AB0SD AB3TM G4FKA K0YO K4KEW K4WQ K4ZO K5VPQ K7DD K7PAP K9ZZE KA0ZEE KC2IEB KC6X KD4MWO KD6RUH KG9AP KR4UA
109 AK6ZZ IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA KZ7N N8TMW N9TTX VE3AAQ W0YJT W1OP W4ZRZ W5MPC/1 W7RJR WB6YIY WB9W	105 AC4Q DS4EOI K4SJA K9MAL KB3JGS KC0JYT KC4KK KF4DGS KJ7TH N4NQY N5SAN N7YY NE9O PU4JOE			

M5MYH	WV5Y	KB8PNS	VA3PZ	VA3MA
N4FV		KC0HBP	VE3KZ	VE3RX
N7HRT	97	KD6PY	VE3SPW	VE5MX
N7JPF	AB8M	KI5TE	W4YZJ	VE7AB
N7TE	AJ9C	KM5NU	W5ADA	W2GR
N8GHZ	K0HB	KR4EE	W5CBF	W3IPA
N8YV	K0JQZ	KS4V	W5RCQ	W3TA
N9MKC	K0QEI	KT5RR	W7JWC	W4LNG
NB5R	K0SH	N0WVU	W9SX	W5ODD
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	WV2I
W5JLC	KA7EII	NW5Q	XE2AT	WV7S
W6TJU	KC0YBM	NY2Z		
WA5TRX	KD5CKP	VE2DCP	94	93
WB5NHX	KF4KSN	VE6RGU	AA4RP	AG2A
WB7VVD	KM4NYI	W1HMM	AB4VT	AG6CV
WK5X	KT5WB	W3VHF	AD1DX	AI8F
WW2R (EL09)	N1VMJ	W4KK	AK8CW	IZ4DPV
	N3UMA	W4TMR	HK4SAN	K0IW
98	N4BH	W7JHS	K0ARM	K0RM
AC2RL	N6MA	WA3EEC	K3BEE	K1PTF
AD8Y	N9APK	WB0M	K3TUF	K1ZK
K0KC	N9IO	WB5KJE	K4JRK	K2AK
K0UD	N9KY	WP4LNY	K4LDC	K2MTS
K3IXD	NK7C		K8GT	K4DAM
K3QIA	NU0Y	95	K9DOG	K5TRI
K4OP	NV3K	AB9AI	K9SUL	K6RM
K5HOB	VA3FIN	AE0G	KA2F	K7IP
KA1EKR	W3QT	AE5EO	KA9UVY	K7TRK
KE4LGL	W4CWA	IK8YTA	KB4YKC	KB0USF
KG4YOU	W4DAS	K1PNQ	KB7AK	KC5TGT
KG7E	W4ID	K4ED	KC0AUY	KC5TT
KJ2G	W7DN	K8KFJ	KC3AK	KC9TTR
KK0CQ	WA6OSX	K8ME	KD4VRZ	KC9UL
KY0Q	WA9LEY	K8VD	KE3WM	KD0QG
N0JJQ	WB8RVK	KD7WH	KF0LA	KE6AZX
N1JHJ	WB8ZTV	KD8DR	KG4NLZ	KE6UMW
N3LRP	WE8L	KD9ZR	KU4JZ	KE8RPJ
N5TEY		KI0SK	KV3W	KE9V
N8AID	96	KW9U	N0LNE	KI0J
NO5X	AD5OW	N1XK	N0LP	KK7MNC
NO8R	AE4TQ	N2SLO	N2SU	N2BX
VA3VF	AK4F	N2WLS	N3JBH	N2YTF
VE4XTZ	K2CK	N3WAV	N3XBG	N3AO
W2KRP	K2UF	N4ET	N3YUG	N3ZBK
W6TE	K2UNK	N5BLY	N5ZMP	N4GOA
WA2FGK	K4EQH	N5ENU	N6HY	N4YHC
WA3TLT	K5CRJ	N5KI	N6MXU	N7EGY
WB1GQR	K8EMR	N9IV	N7NH	N7JI
WB2YDS	K9OT	N9LJX	N7UN	N7KSI
WD0E	KA2NDX	OE9KFV	N8WWM	NA9D
WH6LR	KA3HED	PY2KP	N9DD	VA3JFF
WT5H	KB5GI	VA3KS	N9UNX	VA7QI

VE3WMD	HB9ALO	KW3DX	AE4OF	WB3IGR
VK5PJ	K0CFI	N2ULL	AF4MI	WB8JAY
W0MHK	K1UR	N4BRF	K1RS	WF4W
W2VTV	K4SPA	N5BA	K3TN	
W3ZGD	K6YK	N9JJ	K4XD	86
W4VG	K7HPN	VA3XOV	K7CTV	AG1T
W5DMT	K8OI	W9CPV	K7WV	K7FB
W7EIR	KB2YWU	W9CSY	K7ZYV	KA9OKH
W7TRX	KB3IAI	WA2BEV	K9JF	KB7JJG
W9IFW	KB3NDS	WA8OJR	KB2KIR	KI6HQT
W9NED	KB7AZ	WD9HCF	KC1GWX	KN4MMH
W9WI	KC5POV	WE7H	KC3MLC	KP4TB
WA5ICA	KC8LGL	WEST SEATTLE AMATEUR	KC8EVR	KT1R
WB5CON	KE1IU	WH6LE	KI2D	N2NF
	KE7RTB	WM7C	KI4RFM	N3MVF
92	KG4QWC	WT4C	KJ4KW	N8TFD
K1EY	KI3O	XE3/K5ENS	KQ4AJI	NZ3O
K5GDX	KI5BLU		KU4S	SV1RK
K5TDA	KM7N	89	N0OK	UT9FJ
K7FU	KM9I	AB1TZ	N1CEO	VA3MDB
K7HKR	KQ6K	AG2AA	N2MKT	VA7LM
K7UWR	N3PPH	AG7NR	N2ZN	VE7IRU
KB0PQP	N3WCM	G4NBS	N4CAG	W8IW
KC4JNW	N6DW	JQ1TIV	N4GN	WA1PMA
KD4QMY	N7CZ	K4BMM	N4KIN	WB4GCS
KE4WBO	N8DEZ	K5CX	N4UC	XE2AU
KG4URP	NR4J	K5JAZ	N5VBK	
KR7X	NU4N	KA0MWA	NS3X	85
N2SG	VA2BBW	KF4TVL	NT4TN	AC3KE
N3GH	W2SUB	KI0G	VE2VLJ	AC9GK
N4VN	W4MLN	KI4FW	W2BZR	EI3IO
N5QO	W5KDA	KI4US	W3YX	K1UU
N6FD	WB0NRV	KR4U	W4DL	K4LRP
N6RPM	WB7X	N2GZ	W4RXR	K5MJP
N7DED	WC4V	N5KAE	W7HDD	KB3MXK
NS6E	XE1GZU	N8YSZ	WA2BTR	KC0V
UT5JAJ		N9RG	WA5MD	KE4DRF
W1PV	90	N9UDX	WK3N	KK4AND
W2ACY	AA0LM	NE2U	WV8O	N2RJ
W2CVW	AB4WL	VE3VCF	XE1SOV	N4LS
W3ACO	AB9DU	W0HRO		NJ1Q
W3GP	AF5BG	W1HY	87	VE3GFN
W3HZU	DL1SMA	W2JEK	AC0A	VE7DAY
W4BP	JH4JNG	W2OK	AG4I	W1WV
W4LIA	K1HC	W4ZMM	K4JC	W3STU
W6NS	K1KA	W6VNQ	K5UZ	W4IT
W8JV	K3CWF	WA7SDI	K5WO	W4RA
W9HBH	K3UAL	WB3IAL	KB1VUN	W6ST
WA3JKB	K4AAP	WM6Y	KC8NAH	W7SIR
WA4EEZ	K4FTP	WQ5C	KE6WOX	W8DQ
WG8E	K4XZ	WR5AY	KI6RRD	W9QY
WM3O	K6UIP	XE2NL	N0ELA	WA4WKL
	K8EAB	XE3DX	N2CJN	WD4LSS
91	KA5TJI		NE5S	WF4R
AA0CW	KB5FHK	88	NI5F	
AD3Y	KB7BSA	AA4QE	NN7RM	84
CO2WZ	KK4DZP	AE0DX	W8GOC	CT3FT

K4EZY KE6NDG N1KI N2NWS VE2WBK W8PU W8SGR ZS6NK	80 AC6BW K7FR KE4PT KR4Q KW1DX N2NS VY2HF W2DEN W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	JR2SQZ
83 AA6E DL5XJ K1LH K4SQC K8SIA KB3HHA KB9LIE KK7BV KU4WW N5PD N6KTH SV2AEL TG9AKH W7USB WD6T WD9IOK WI6Z XE1MM	79 JF1LMB K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ 51 CT1ETE N8OFS OH4UI OE9FCP
82 AD4IE CB0ZA K3RJK K4JMX KA5WSS KC5YKX KG4KVZ N1SF PU8TEP W5DAS W7YOZ W8GG WA2ONG	78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	50 N8MR 49 HB9RUZ
81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC XE1EE	77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA
	76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK	47 HB9RYZ JE1VTZ N6PAZ
	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL US5WE W4LVH W5UC WP4NEG ZL3AAU	69 K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ
		68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1
		67 JG2TSL KF4JHG KK4YEL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9AOF K4ZIN LA6OP
		66 K6KLY UX1UA	56 HB9HIT KI5WA LU8ADX NI6T	42 HA5PT
			55 LA3MHA SP5APW WA2EMF	41 E75AA
			54 AG4KI	40 JR0QFA WB8TGY

39 AA5PK	JR7ILA K0FMI OH3DP	KJ4EU W0HBH	JA6QHQ KA5WRG PY2DV PY2GM	PY2VA
38 DD3KF DG7RO DU1EV HL4GAV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU SV8CKM	10 DL4CF HB9BOS JH7IMX JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY G6MXL IK8GYS JI5USJ JJ1IDW M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ
37 BA7NQ DS4AOW HL4CJG JA9APS JH9DRL OE3SGU	26 WB7QXU	16 N6VHF TI2CDA	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
36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN LU5FF PY2RN UT3UA WC2C	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)
35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	7 DL1TRK G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	
34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	13 JA2LWD K4AKX K4WY PY2MC W4PWF		
33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB		
32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB		
31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR			
30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)			
29 HL2WA OE4VIE	18 AJ6V			
28 CT8/K0RUI JA6CRP				

YB1TJ	G7SQS
YL2CA	G8TTI
YL2MU	IK5BSC
	IW0AFS
2	IZ0BTV
5B4ALJ	IZ2CSX
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