

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 (13 Jun 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	W5ADD	484	473	460
AA0MZ	W5AFY	AD6D	N4TB	K4SO
AA5AM	W5AJ	AF5CC	NQ7R	K5OMC
AA5C	W5EME	AI1K	WB0O	KF0M
AA7A	W5FF	K7BG		
AI5I	W5KI		472	459
K0GU	W5OZI	483	KB7ME	N5NA
K1TOL	W7GJ	AC0RA	ND4X	
K4PI	W7JW	K1USA	WD8JJA	458
K4XO	W7KNT	W0VTT	WE9R	K9NW
K5RK	W7MEM	W5TRL		KG5THG
K5UR	W9FF	WB0ULX	470	N9BCA
K5WE	W9JN		WO7R	NA6MG
K7CW	W9RM	482		
K7ULS	W9XX	K0BJ	468	457
K8SIX	WD5K	KX4R	N5EKO	K4HB
K9CT	WQ5S		VE3EK	N9PGG
KA9CFD	WS9V	481		NI0G
KA9FOX		KC7QY	467	W3UR
KD5M	487	N5WS	NY0V	
KG5CCI	K0SIX	W9VHF		456
KM0A	K1TO	WA7HQD	466	AJ4A
KM0T	K7MAC		KA0JGH	N4QS
KO9A	K9YY	480	KB6NAN	W5THT
KR7O	N0AKC	K5GZR	WB9CIF	
KV5W	N7CW	N4WW	WX7M	455
N0LL	N7IR	XE2OR		K9MK
N0LWF	N9ISN		465	WA9DU
N0PB	NA6L	479	XE2K	
N0TB	W3IP	W5WVO		453
N1AV		W9RN	464	K4YMQ
N3SL	486		AJ4F	K7PI
N3XX	K0TPP	478	KB9OWD	KB9DAK
N5DG	K5ND	AD1C		
N5OMG	KY7M	AE5B	463	452
N6JV	N0KE		K4MY	N5BO
N7NW	N7KA	477	W5XC	N9BX
N9LB	WD5COV	KC7V		NE1B
N9UM	XE2CQ	N5KO	462	
ND0B		N7ZO	K6ZH	451
W0FY	485	NC6K	N6ORB	K5WBM
W0JW	K9MU	W6XK		KD3CQ
W0LGQ	N0POH		461	
W3CP	W5VY	474	N4JQQ	450
W4UDH	W5ZN	K7KQA	NA9RB	KF8MY

449 K3SX KF6HI W8TN	437 K5RT KK4MA	422 VE6WQ WB5JID	W5PR	393 K1GG K7XC KV7N
448 KP4AJ W3LPL WB7CJO	436 N9FN W3TC WB8ART	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB N4UFO	392 AF4HX W6OMF
447 AH0U KS7S N2NL N4SC	435 KF6A	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AB4SF AD5A W4AVY W6TMD
446 K1HTV K6EID	434 K1SIX K8ROX VE3LYC W3LL	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	390 KZ2I
445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	433 W9WO	415 K7AWB NZ3M W0GJ	403 NH6T/W4	388 K0IP W4WRL
444 N7BAV	432 K6GXO N6KK	414 K0DEQ N0GZ W4TV	402 K3FM K7SMA	387 KV4T N4CH
443 AB4IQ K5XI N4MM	431 K0TLM	413 AE5FM WA9LFO	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
442 AG9S N2QT N4TL	430 K1TEO	412 VE2XK 6M FN07PJ	400 W0JRP W3UUM	385 NK1K VE6MB W4WTA
441 K8TB K9KLD WA1EAZ	429 K4ZOT K8ZR WA5JCI	411 AA1ON N9EAT	398 N8IEZ W1NG	384 K8ROK W7FI
440 W2IRT	428 K9APW	410 KB0V KE7SW KE8KMX KI8G N4HN	397 KE4TH	383 KI0E W5MO
439 N4QWZ NM5U	427 W0RH	409 N1EVK N5SYV	396 K6VHF KB8U	382 K5PI VE3YXO
438 N5TJ	426 N5OK W5JAY	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	381 AG4W W3VZ
	425 K6ML	407 W4AS W5CIA	394 AA5JF K2TER K6RO KT8O	380 K7MCX NE6I
	424 N4UFP N9AKR W3EP WB8BPU			
	423 W4DR			

WA5LFD	W6GMT	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
379 AB9BH N8WNA	367 KC4HW KR4BD W7YQA		339 KE4BKL VA7FC W5VAS WB0OQV	
378 WR7X	366 KI7JA	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW	350 N6VI N8YO		330 KB8MBC KG6AY W8PI
376 K8GI K8VFF N2WK N3OC	364 AB5EB K0RAR N6QQ	349 KA0BAD W8LMG	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	347 W2HRO		328 K6ME N5PT W2CNS WB3LHD
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH		
371 AA4ZZ N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	344 K6FW KB0PE N8LRG W1OW		326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
370 K5TN KN4SM KS4YT N3MK NT0V W4FC	357 K4LVV	343 AB4EJ K5EK N3RC N6KZ	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	
369 KF8UN N2DPF	355 KD5XB N3AIU (DM45)	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ	325 WA2AEY WX0Z
368 K0DD W5RCI	353 AF2K K0CS			324 HC2FG K9SH

KU4A N2BJ VE3TMG W4MAY	W5RKN	301 K5KEW N0HJZ W7IB W9OBG WA8ZID WB0TVY	N4MI W2GKR W4VC WA2IIE	282 AA0ZP K0PG K5TA N8JCM W4WM
323 N8II W8KEN WO2T	312 AF6O KA2GOJ		292 KJ6P W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	280 AD7OV N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	310 K1ST N1NK W9KVR WO4DX	299 DK8NE VE6WK W1LE W8UV WB5GVY	290 WA8EFK	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	309 AA9RR	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	308 WA4HFN	297 JG1TSG KG5EIU KK0DX N8YQX N9LF	288 K1NU W1DU W4HLR	277 AC7JM PV8DX
318 W4HY	307 AG1A KE5K W3ATV W9RPM	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV VE3XN W1SKU W3HDH	306 K4QE KE8Y WV9L	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J WA9M	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	304 K6IPF NS4T WA0GUD	293 K3AX K4KJZ KL7HBK N4JJ	283 K7LOL N5OHL WA0FQK WB0CQO	
314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN			
313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV	302 KB2TGU N3KN			

273 KM4H KV1J VE6SH	265 N5KS W7CT	K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0	N5SMQ	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	238 AA3GM JP1LRT
271 K7NII KB7FUV W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	236 K0SU K4NK N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP	253 F4BKV KG4ERR N2XQM	245 N1IA N3XF N5PA VA3CW	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ K10HA N9ZTS W0KAN WB9PNU	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	234 KE6FCT
267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	233 K1AFC N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	242 AE4WG K3WW KA3TCC	232 IT9IPQ K5FO KK8MM N9NJY WA2OTC
	257 K0CCM	249 CT1IUA K8AO KQ5U N1GC	241 N6NU W5LO	231 AI9L K4MIJ K6HEW KF6GYM W9XT

230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA
229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC	205 AF4OD K8SD KE4HOA N5ITO W8QID	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM
228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 KO0Z LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV
227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HMK W6AER W6KAP	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W K2WJ K6VDP KG6WIK
225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF	208 AI2N CO8DM KD5HIO PV8ABC		193 K7PT K9AB KD2NF KF6XA
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	200 4A2MAX K4YJ K6ZZ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR

W8FN	AF5Q	KG5RJ	W4ABC	165
191	K0DEW	N1ZUK	171	K4DXT
K0ITC	KR4M	NQ2O	AA4PB	KD5HPT
K9CS	N1IBM	VE3NRT	HP2AT	N3FX
KK6OH	N4BG	W0ZY	KC5GSK	W0RIC
N9AMW	183	W1MAD	KC5YCH	164
WA2BKN	K5RQ	WY7FD	KI4TZ	K2SD
WA5CAM	N0UBL	177	NS3L	K5VWW
WD4JHD	W2UDT	AG4ZE	W1PX	KD0UHN
190	WC4H	K2QQ	W6IA	KF9US
K5DB	182	KI4BWW	WA2KBZ	W4CSW
K5ER	AJ6T CM87	N2ZA	170	WK7G
KC2DLD	FP/KV1J	NY4I	K9TVG	WQ7F
KN4PPD	K5GMX	SM7FJE	N4GBK	163
N9UA	K8WK	W5ZG	N8CN	K2JF
W1ATV	NZ1I	WA8UEG	NA2U	K2YSY
W2OO	W9JJ	176	W1MJC	N5XZ
WB0DBS	XE1CL	AD5ZA	W4IHI	162
189	181	EA5BY	W4JKC	AF4GK
KC0MEA	AB9FN	K0DI	WK3V	K0QB
WA5VKS	K4CMS	KX9X	169	KA1R
188	K5HDE	N5QGH	K6XC	KD4TDI
AD7KI	KB8YKR	N9ARX	KD5OMJ	N5SIX
KD4HLG	N3XJX	NP4BM	N2BEG	W9JJB
W4AZR	N4DTF	W5AFD	N5XES	W9VS
WA7VHF	N9MSG	WA5IPS	N7PHY	WA1Z
WU9Q	NY0A	WW2R	VE3HHT	WB0WAO
WX9M	W4RBO	175	W8KNO	161
187	W9BS	PV8BR	168	K0KVR
AA8R	WJ1B	174	AE4M	K4EA
KQ0J	180	K3MD	KG5ZMQ	KB3CWQ
186	K0OST	K6WRL	KS9J	KK9M
DJ5FI	K4LYN	KC0IYT	W2PD	N2YBB
K8PT	KC1MMC	KC6ZWT	W8WEJ	V44KAI
K9SG	N1RK	KG7P	167	VE3LC
KN7K	N6PEQ	KU0A	K4MQG	W4HOG
N0XLR	N6VH	N1MGO	KB1YNT	WA1LAD
N6ZE	W5HI	NA2NY (ex-NA1VT)	KB9REV	160
185	179	NA6O	KE5EP	AB1QB
AD6W	K1EP	W3SO	N0NHW	JA1AFR
KD5BQT	KU4WD	WA2PNI	NO0T	K5IQ
KU4UC	N0LIE	173	TG9ADQ	159
NA2R	N0MMA	K2ZZ	W1BAT	G0OIL
PY5CC	NH7RO	K5YPV	166	K4MZ
W3OU	VA3DPB	KE4SCY	I0WTD	NS7B
W5BPT	W8LHP	172	JA1OVD	W1EME
XE1R	WA4QMQ	AB9KZ	KC2GHT	W4TTO
184	178	K5ZED	N5VU	WB8NUT
4O3A	KA2AYR	KI4PKW	NC4RY	158
	KB0EO	KJ6HI	VA3WEB	K8CR
	KB1RZA	VE2PN	WB4KXS	

KI0D	151	WA4JA	VE3KY	134
N2CG	OE6IMD		W4GPM	AB1NS
157	W1ZT	144	W4TUN	AB4GE
K4FX	W2DXE	K0TLG	W6DQ	AD4TT
KB8GC	150	K5TDW	WA4KXY	C6ABB
KC2WUF	KW4BY	K6JRA	139	GM4UYE
WA7NB	N9LAH	K8MN	KC7JPC	KE5FXE
156	VE3OAT	K8WU	KU0G	KF6UFO
IZ8FFA	W7APM	N9DI	N7T	N3AIU (DN70)
K2KJ	149	W5MPC	NA2AA	N8GOU
K9OHI	AB6CF	WO7GI	W4OV	W4TKI
N3RN	K4SAN	YV4NN	WB2JIL	WA3WZR
N9KO	KK9H	143	WY0V	133
VE7VDX	W3UA	K6JBH	138	KA5ETS
155	WB4VHF	K9QFR	AC0XY	KC1RET
CT1BWU	148	KB8RJS	AI6O	KE1VT
K3TD	AC0DQ	N8URE (FM19)	KD7WPJ	KM8V
K6XN	AG0A	NA1VT	KE0A	W0RT
N5RMS	K0RU	W0HNM	KE3D	W4GE
N7AU	K7IU	W0UHL	KE8RO	WI5D
N9OBE	KB2YSI	WB0MMC	KQ4KX	WW7Q
TG9ANF	N0TM	WM5H	N3XH	XE2O
VA3NQ	N1TOR	142	137	132
WV8DX	N5ZBI	NA2X	N1SZ	AB3CV
154	PV8AJ	NC4VA	N5JGK	IC8TEM
AE4NT	W6VNQ (CM88)	W5SWV	SM7AED	K5VG
KB9VMW	WB6RAB	WA5TKU	136	KW4G
KW4OV	147	WS4V	K0XXX	N4PPH
NZ6N	AF6AV	141	K4SX	N7TP
W3ZQN	IZ1LBG	JA6RJK	K6US	N8IK
153	K6PSP	K4AR	KC5LK	NE1I
AA4NC	KC1BUF	K9ATX	KC9AXZ	VE3TM
AB4GG	VE3CX	KT8TD	KJ5RM	WN6K
K7AD	W4YCC	N9FIV	KV1E	131
K7ZD	W5WOX	NV4B	NO1R	JR1BAS
N1OFZ	WA0VPJ	W4FS	W2JCN	K3NAT
N2ADV	WA3YQG	W4POT	W4AVV	KG9R
N2WM	146	W6ZI	W7UV	KT3X
N6DHZ	K2GW	WB9WHQ	XE2JS	N2CJ
W3DQS	K8YTO	WL7OU	135	TF3JB
W5FI	KB0YH	WR7AY	CU3EQ	130
W9ILY	KB5ZEA	140	K4MWB	ABOX
WB5ZAM	KC2TN	AC5DK	K8ZIZ	JA3LZS
152	KM5TY	BA4SI	LY3W	K0GUR
AA6I	N4HID	CO2WF	N4DB	K4JKB
N0RC	VA2RC	K7SAM	N8XE	K8LG
N1NUM	VE1VOX	KC0MEZ	W6BXQ	KC4NX
NU1T	145	KC8TMU	WB8BZK	NG9R
UT7QF	KD7YZ	KJ4KVC	WW2DX	NO8D
WO4G	V31MD	N1EN	XE1H	VE1DX
	VA3TTX	N3VOP		VE2TZT
		NJ0U		W0PHX
		VA3FLF		W2LES

W3FEY	WE1P	W8DN	NU6V	WD0ENC
WA2SEI		WB9TFH	W6WE	
WB4YDL	124		WA1TBV	112
WW5W	K0DLW	120	XE2PXN	EA4DEI
129	KB0HH (EM06)	EA1YO		K2MLS
8P6ET	KD5FTD	K2CYE	116	K3GD
JF4VZT	KM1C	K4AU	IK7EOT	K5WTA
K0KD	KT5MR	K4CGY	K4RGN	KA7T
K5QWO	N0SL	KD0R	KI6QDH	N5HMH
KC8KSK	N9AZZ	KD4MZM	KU5B	W1TR
KF4NEF	PV8AAS	KD5BRF	N0VR	W5DQ
KM5LY	W0PE	KE4SCY (FM06)	NO0B	W6OAT
KM5SC	W1TAM	N3YPJ	W0DHB	W7IV
N9WBR	W3KN	VE1JC		W9PN
	W6SCQ	VE3XK	115	WA8TWM
	W7YM	WA6RAY	K9AAN	WG3K
	W9CDL	WD4OHD	K9MMS	WX3P
128			KE6TVM	XE1GK
JR2LJO	123	119	KF0QS	
KC7QAG	AC7AF	AE5AU	KF9AF	111
KJ6SDF	K9SM	K0AWU	KM5FA	N0SLT
KN4DMN	KB0GT	K1ZN	N7VGO	PC3T
N1SFE	KB0STN	K2SQS	UW5ZM	W8GBH
W0WT	KG6DHQ	K4MSG	VK9DX	WZ8P
W5ZO	VE3TG	K7JIZ	WA3BZT	
W8FR	W1HS	KF7PCL	WC7V	110
WB2WEO	W3DIY	KP3V		G4BWP
	W3SE	KT0P	114	K5KR
127	W4PRZ	KW7N	AC8HU	K7LD
AA9RK	W5EWF	N4UPX	K2RET	KD5J
K3GYK	W7MHW	W0QC	K3RTU	KI0F
K7UV	W8BI	W4SW	KC4GCK	KP4JRS
K8AC	W8KHP	W7QQ	KG9Z	KQ4LA
K8OS	WA8WV	WI4T	NF8M	KX5U
KB3OZC	WB2RVX	WM9M	VE1WOW	N5TIF
KB9TLV			VE3IRR	N5YM
KC0RQH	122	118	W2JLK	W7JET
N6UTC	K7AED	J68AS	W2ZQ	W7UP
VE2JWH	K7OGW	K4AZV	W4ALF	
W1FLD	KA9JAC	KA4LBD	W4UFO	109
WA6BIL	KB4UF	KF6MXK	WO2C	AK6ZZ
	KB5WFE	KI7BP	WX4US	IW1ARB
126	KC5UGX	KT8X		K2DSW
KJ7G	N5HYV	N1QDQ	113	K2JGL
N0BDS	VE6PY	N3JNX	AB4PM	K2OO
N7DGI	VE7JAC	N5EIL	AD5MD	K5DNL
WB4HUC	WD0GTY	W2AC / WB2ABK	HB9BZA	K9GY
YL2AO		W2AC/WB2ABK	K3DQB	KE6GLA
	121	WB2KSK	KD4BPZ	KJ6CA
125	AE1P		KD6VCD	KZ7N
AA7DK	K0MFI	117	KM5OL	N8TMW
K3PU	K4HBI	AB5J	N3JDQ	N9TTX
KC5DRI	KB2WAL	K4WS	N4YCI	VE3AAQ
W2AJM	KB5MH	N4USG	N5YK	W0YJT
W3UQH	KE4JFS	N5JEH*	W0BM	W1OP
W4DFU	NE0P/9	N5LPT	W8MSP	W4ZRZ
W4DFU	UR0MC	NA7L	W8VW	W5MPC/1
WA6POZ				
WB4OMM				

W7RJR	105	KA1W	KC8CSD	K4KEW
WB6YIY	AC4Q	KB0FHP	KG8WB	K4WQ
WB9W	DS4EOI	KB2SGX	KG9IL	K4ZO
108	K4SJA	KC9FFV	KL2R	K5VPQ
CF3VRQ	K9MAL	KF0AIJ	KR4WM	K7DD
JA9IPF	KB3JGS	KF4DVG	KR7LD	K7PAP
JP7EIP	KC0JYT	KR4NO	N1IX	K9ZZE
K5OPB	KC4KK	N0YXE	N4AOE	KA0ZEE
K7MDL	KF4DGS	N1JIF	N8VEA	KC2IEB
N3MWQ	KJ7TH	NF6P	N9DVS	KC6X
VE3SUB	N4NQY	NN2D	ON9CMR/W0	KD4MWO
VE7IG	N5SAN	VE7DXG	VA2LGQ	KD6RUH
VY2RU	N7YY	W0TF	W4LLP	KG9AP
W4AMP	NE9O	W3LEO	W5KBD	KR4UA
W4CRN	PU4JOE	W6IT	W7ISG	M5MYH
W5AAJ	VE3VRQ	W6XU	WB8IMY	N4FV
W8EH	W8MIL	XE1RBV	WD5IYT	N7HRT
W9VNE	W9RVG			N7JPF
	WA4MYO	102	100	N7TE
107	104	AA9MY	AC0FT	N8GHZ
JA3EGE	AB9YC	AB8JH	AI2S	N8YV
K5UIC	AC5K	AD6KH	AI9U	N9MKC
KF7PG	AC5RN	HB9EFK	K2UA	NB5R
KI9A	AC9QR	K0HAQ	K4UQC	NH6CJ
KK4LUM	IK4DRY	K3HW	K5GM	NI5W
N3TTT	K5PPP	K9AM	K5KV	NS2P
N9OI	KB9RNO	KA3ZLS	K8IJ	VE2HAY
NF0T	KC1LXO	KB8CR	K9CC	W2HOG
US0KW	KC2TR	KC6WFS	KB9ZLB	W2VU
W2TTT	KD9GKL	KC8DMN	KC2HLI	W5JLC
WB4PPW	KJ7OG	KD8NYO	KC8CC	W6TJU
	KM6WXB	KE1AU	KC9CMT	WA5TRX
106	KO4LZ	KJ4M	KD3SW	WB5NHX
K0MEI	N0STP	KR5V	KE5CVM	WB7VVD
K5BJW	N1LDY	N1HOQ	KF0Q	WK5X
K7BWH	N2FBQ	VE7ZD	KG5X	WW2R (EL09)
K7JE	N3UPS	W4RVZ	KJ5OA	
KB0TIJ	N7AGF	W5DPT	N3TBB	98
KC7ICM	NJ1H	W5OV	N4NIA	AC2RL
KE5JXC	VE2PIJ	W7UT	N5RZK	AD8Y
KJ6MBW	W1TE	W9NFL	N5XTR	K0KC
KK2DOG	W1ZE	WA4IOB	N7EME	K0UD
N0RQ	W4KVS	WA8EQP	N8COP	K3IXD
N1USB	W6ZQ	WB5FDP	N8XS	K3QIA
N2IPH	W9EBK	101	VP2MRM	K4OP
N4CE	W9MDB	AE7V	W2CH	K5HOB
N5FPW	WB2VUO	K0IN	W4/KL7GLL	KA1EKR
N5YHF	WB8BZK/VE3	K0SBV	W4OZK	KE4LGL
N8HM		K0WJ	W8BZY	KG4YOU
N9XMU	103	K2NUD	W9DQ	KG7E
VA3OKG	AA5CK	K5DWI	WA5TLP	KJ2G
VE3AJY	AB0YM	K5HX	WV9E	KK0CQ
WB6VYH	AB5SS	K7SYS	99	KY0Q
WQ9F	K2OY	KB1JDX	AB0SD	N0JJQ
	K4MVL	KB4KBS	AB3TM	N1JHJ
	K8ZEE	KC6AWX	K0YO	N3LRP
				N5TEY

N8AID	96	KD9ZR	KF0LA	KE9V
NO5X	AD5OW	KI0SK	KG4NLZ	KI0J
NO8R	AE4TQ	KW9U	KU4JZ	KK7MNC
VA3VF	AK4F	N1XK	KV3W	N2BX
VE4XTZ	K2CK	N2SLO	N0LNE	N2YTF
W2KRP	K2UF	N2WLS	N0LP	N3AO
W6TE	K2UNK	N3WAV	N2SU	N3ZBK
WA2FGK	K4EQH	N4ET	N3JBH	N4GOA
WA3TLT	K5CRJ	N5BLY	N3XBG	N4YHC
WB1GQR	K8EMR	N5ENU	N3YUG	N7EGY
WB2YDS	K9OT	N5KI	N5ZMP	N7JI
WD0E	KA2NDX	N9IV	N6HY	N7KSI
WH6LR	KA3HED	N9LJX	N6MXU	NA9D
WT5H	KB5GI	OE9KFB	N7NH	VA3JFF
WV5Y	KB8PNS	PY2KP	N7UN	VA7QI
97	KC0HBP	VA3KS	N8WWM	VE3WMD
AB8M	KD6PY	VA3PZ	N9DD	VK5PJ
AJ9C	KI5TE	VE3KZ	N9UNX	W0MHK
K0HB	KM2O	VE3SPW	VA3MA	W2VTV
K0JQZ	KM5NU	W4YZJ	VE3RX	W3ZGD
K0QEI	KR4EE	W5ADA	VE5MX	W4VG
K0SH	KS4V	W5CBF	VE7AB	W5DMT
K0YQ	KT5RR	W5RCQ	W2GR	W5DWA
K3HZO (FN20)	N0WVU	W7JWC	W3IPA	W7EIR
K4GTR	N2LID	W9SX	W3TA	W7TRX
K4JQU	N2VHZ	WA2ONK	W4LNG	W9IFW
K8XF	N2XK	WA3I	W5ODD	W9NED
KA2BSK	N8PAQ	WA4WR	W5PUF	W9WI
KA7EII	N8YBY	WB2SIH	W7NX	WA5ICA
KC0YBM	NT2A	WD8DOT	WA7LHZ	WB5CON
KD5CKP	NW5Q	WS4S	WA9BXB	92
KF4KSN	NY2Z	XE2AT	WT9U	K1EY
KM4NYI	VE2DCP	94	WV7S	K5GDX
KT5WB	W1HMM	AA4RP	93	K5TDA
N1VMJ	W3VHF	AB4VT	AG2A	K7FU
N3UMA	W4KK	AD1DX	AG6CV	K7HKR
N4BH	W4TMR	AK8CW	A18F	K7UWR
N6MA	W7JHS	HK4SAN	K0IW	KB0PQP
N9APK	WA3EEC	K0ARM	K1PTF	KC4JNW
N9IO	WB0M	K0JDD	K1ZK	KD4QMY
N9KY	WB5KJE	K3BEE	K2AK	KE4WBO
NK7C	WP4LNY	K3TUF	K2MTS	KG4URP
NU0Y	95	K4JRK	K4DAM	KR7X
NV3K	AB9AI	K4LDC	K5TRI	N2SG
VA3FIN	AE0G	K4NNX	K6RM	N3GH
W3QT	AE5EO	K8GT	K7IP	N4VN
W4CWA	IK8YTA	K9DOG	K7TRK	N5QO
W4DAS	K1PNQ	K9SUL	KB0USF	N6FD
W4ID	K4ED	KA2F	KC5TGT	N6RPM
W7DN	K8BB	KA9UVY	KC5TT	N7DED
WA6OSX	K8KFJ	KB4YKC	KC9TTR	NS6E
WA9LEY	K8ME	KB7AK	KC9UL	UT5JAJ
WB8RVK	K8VD	KC0AUY	KD0QG	W1PV
WB8ZTV	KC5N	KC3AK	KE6AZX	W2ACY
WE8L	KD7WH	KD4VRZ	KE6UMW	W2CVW
	KD8DR	KE3WM	KE8RPJ	W3ACO

W3GP	K1HC	W9HT	K5WO	W6ST
W3HZU	K1KA	WA7SDI	K6UIP	W7SIR
W4BP	K3CWF	WB3IAL	KB1VUN	W8DQ
W4LIA	K3UAL	WM6Y	KC8NAH	W9QY
W6NS	K4AAP	WQ5C	KE6WOX	WA4WKL
W8JV	K4FTP	WR5AY	KI6RRD	WD4LSS
W9HBH	K4XZ	XE2NL	N0ELA	WF4R
WA3JKB	K8EAB	XE3DX	N2CJN	
WA4EEZ	KA5TJI		NA5DX	84
WM3O	KB5FHK	88	NE5S	CT3FT
91	KB7BSA	AA4QE	NI5F	K4EZY
AA0CW	KK4DZP	AE0DX	NN7RM	KE6NDG
AD3Y	KW3DX	AE4OF	W8GOC	N1KI
CO2WZ	N2ULL	AF4MI	WB3IGR	N2NWS
K1UR	N4BRF	K1RS	WB8JAY	VE2WBK
K4SPA	N5BA	K3TN	WF4W	W8PU
K6YK	N9JJ	K4XD		W8SGR
K7HPN	VA3XOV	K7CTV	86	ZS6NK
K8OI	W9CPV	K7WV	AG1T	
KB2YWU	W9CSY	K7ZYV	K7FB	83
KB3IAI	WA2BEV	K9JF	KA9OKH	AA6E
KB3NDS	WA8OJR	KB2KIR	KB7JJG	DL5XJ
KB7AZ	WD9HCF	KC1GWX	KI6HQT	K1LH
KC5POV	WE7H	KC3MLC	KN4MMH	K4SQC
KC8LGL	WEST SEATTLE AMATEUR	KE8EVR	KP4TB	K6JJ
KE1IU	WH6LE	KI2D	KT1R	K8SIA
KE7RTB	WT4C	KI4RFM	N2NF	KB3HHA
KG4QWC	XE3/K5ENS	KJ4KW	N3MVF	KB9LIE
KI3O	89	KU4S	N8TFD	KK7BV
KI5BLU	AB1TZ	N0OK	NZ3O	KU4WW
KM7N	AG2AA	N1CEO	SV1RK	N5PD
KM9I	AG7NR	N2MKT	VA3MDB	N6KTH
KQ6K	AG7NR	N2ZN	VA7LM	SV2AEL
N3PPH	G4NBS	N4CAG	VE7IRU	TG9AKH
N3WCM	JQ1TIV	N4GN	W8IW	W7USB
N6DW	K4BMM	N4KIN	WA1PMA	WD6T
N7CZ	K5CX	N4UC	WB4GCS	WD9IOK
N8DEZ	K5JAZ	N5VBK	XE2AU	W16Z
NR4J	KA0MWA	NS3X	85	XE1MM
NU4N	KF4TVL	NT4TN	AC9GK	82
VA2BBW	KI0G	VE2VLJ	EI3IO	AD4IE
W2SUB	KI4FW	W2BZR	K1UU	CB0ZA
W4MLN	KI4US	W3YX	K4LRP	K3RJK
W5KDA	KR4U	W4DL	KB3MXK	K4JMX
WB0NRV	N2GZ	W4RXR	KC0V	KA5WSS
WB7X	N5KAE	W7HDD	KE4DRF	KC5YKX
WC4V	N8YSZ	WA2BTR	KK4AND	KG4KVZ
XE1GZU	N9RG	WA5MD	N2RJ	N1SF
90	N9UDX	WK3N	N4LS	PU8TEP
AA0LM	NE2U	WV8O	NJ1Q	W5DAS
AB4WL	VE3VCF	XE1SOV	VE3GFN	W5DM
AB9DU	W0HRO		VE7DAY	W7YOZ
AF5BG	W1HY	87	W1WV	W8GG
DL1SMA	W2JEK	AC0A	W3STU	WA2ONG
JH4JNG	W2OK	AG4I	W4IT	
	W4ZMM	K4JC	W4RA	
	W6VNV	K5UZ		

81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC XE1EE	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL KF4JHG W7YED	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ
80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	50 N8MR	36 JA1WSK
	69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
	68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
		58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
		57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
			43 8P6SH CT1EEN K4ZIN	31 K7TM
			42 W0PR	30 E72X JL3LSF JO7WXN LA6OP

WA6DNR	19	JK1UNZ	UR5FEO	IK8EPC
29	DL1TS	JN1RQV	ZS4TX	JI1CHH
HL2WA	EA6BB	N1IW	6	JM1GHT
OE4VIE	J14WAO	ZS6WB	CT2FEY	JN1BPM
SP5APW	JR3UIC	11	DL1TRK	JR6IQI
28	PY2HN	A65BR	DU0A	KC0Y
CT8/K0RUI	SP8NR	DL2OE	EI2JC	PY5IP
JA6CRP	VE6TA (DO31)	EA4DAU	JA7NGE	SA7CJO
K0FMI	18	EA4ZK	JG1JPE	SV1VN
OH3DP	AJ6V	G4CTY	PY2VA	W1CBY
27	HL4GAV	IZ4GWE	5	WD9EWK (DM43)
E70A	KJ4EU	JA2KVB	DL5LH	YB1TJ
KC9ELU	W0HBH	JA6QHQ	EA1AAA	YL2CA
WP4NIX	17	PY2DV	EA7ZY	YL2MU
26	G3LZQ	PY2GM	IK8GYS	2
DS4AOW	PY2XAT	10	J15USJ	5B4ALJ
WB7QXU	SP5XMU	DL4CF	JJ1IDW	6K5XZE
25	SV8CKM	HB9BOS	KB8VAO	9A2GA
EA4/K1WE	W0JM	JH8RZJ	M1VPN	9K2NO
24	16	J12UDK	MU0GSY	BV6CC
EI2JD	N6VHF	PA5KT	OK1IN	CO6CBF
F1RAF	TI2CDA	SV2DCD	ON5UE	DF3VG
F4BDG	15	TF3Y	PP2RON	DF8FT
HB9G	9K2BM	UR7DWW	SK6QA	DK1CO
KS4YX	EI2GLB	9	VE2NGH	EH4BPJ
ON6AB	HB9FMN	DL7BA	VR2XMT	ES8JX
PA7TWO	HB9HIT	EB1EWE	W1ZR	F5TMJ
23	JE2UFF	EC7ZK	W2ZF	G0THY
GM4ILS	LU5FF	G6BFP	YL2CZ	G4DDL
K4SLC	PY2RN	HB9GWJ	4	G8GNI
KP4EIT	UT3UA	IK3ITB	CT7/RC2A	GI4ONL
W8MK	WC2C	JA1MZL	DD6UAH	IK1IYU
22	14	JA2FGL	EK/RX3DPK	IK2GOQ
9H1SP	EA8MT	JE1LFX	F1DFR	IZ8XQC
IZ3ENH	IW3GJF	KD3UY	GM4CFS	JA6AVT
OE3SGU	JA2XCR	S51NM	GM4KHE	JA6SZV
21	KB8DVT	8	IV3GOW	JA9FAI
EA1YN	PA7RA	DK2LO	JH7IMX	JH3MHI
20	PV8RR	G1VDP	JH7IPR	JP1HDK
CX1FK	PY2OC	JA1CPU	JK6DXD	K4KZM
I1FQH	W9TTY	JE3PCP	UT5EL	K7LY
JM1KVW	13	JJ2NWI	VK4ZP	KEN IN NEBRASKA
N1WC	K4WY	N8RO	XE1SAX	LA2CQ
PY5EW	PY2MC	OH8LXT	3	OH3KAV
W8LR	W4PWF	7	DF1ZN	SV1XV
12	12	DH0GSU	DJ5AV	SV3FUO
EA3GP	EA3GP	G8APB	DL2KQ	YB2DX
F4ESV	F4ESV	IZ0INX	EA1AR	YL2KF
HB9DDZ	HB9DDZ	JA2NDQ	EA4D	1
IK2RPE	IK2RPE	LA3DV	G3LHJ	3A2MW
		N5ORT	HA9PP	9A2EY
		NJ4Y	HL2ZN	AJ6T (EM66)
			IK0WRB	BD4UJ
				CT1AHU
				DH8BQA

DJ3ZF
DL2DCX
DL4ZAB
DS5DNO
DS5TOS
EA3WD
EA4GQS
F1VEV
G4CFS
G4VSS
G6MXL
G7SQS
G8TTI
IK5BSC
IW0AFS
IZ0BTV
IZ2CSX
IZ3DBA
IZ5FSA
JA1GZK
JA7DPC
JA7VXB
JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW