

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

449 KF6HI W8TN	KK4MA N5TJ	W4DR	407 W4AS W5CIA W5PR	KT8O
448 KP4AJ W3LPL	436 N4QWZ N9FN W3TC WB8ART	422 VE6WQ WB5JID		393 K1GG K7XC KV7N
447 AH0U K3SX KS7S N2NL N4SC WB7CJO	435 K5XI KF6A	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB KB0V N4UFO	392 AF4HX W6OMF
446 K1HTV K6EID	434 K1SIX K8ROX	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A W4AVY
445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	433 W3LL W9WO	416 K4RWP K7ND KO4MA NI0P		390 KZ2I
444 N7BAV	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	404 K8JH N2ZX VE4EAR W5SUM	389 AB4SF
443 AB4IQ K8ZM N4MM	431 K0TLM	414 K0DEQ N0GZ W4TV	403 NH6T/W4	388 K0IP W4WRL
442 AG9S N2QT N4TL	430 K1TEO	413 AE5FM WA9LFO	402 K3FM K7SMA	387 KV4T N4CH
441 K8TB K9KLD WA1EAZ	429 K8ZR WA5JCI	412 VE2XK 6M FN07PJW0JRP W3UUM	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
440 W2IRT	428 K9APW	411 N9EAT NZ3M	400 K6VHF KB8U	385 NK1K VE6MB W4WTA
439 NM5U	427 K4ZOT W0RH	410 KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	384 K8ROK W7FI
438 K9MK	426 N5OK W5JAY	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	383 KI0E W5MO
437 K5RT	425 K6ML	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
	424 N4UFP N9AKR W3EP WB8BPU		394 AA5JF K2TER K6RO	381 AG4W W3VZ

380 K7MCX NE6I WA5LFD	368 K0DD W5RCI W6GMT	354 N3AIU (DM45)	NX7U WA7YAZ	KN4NN N0IGZ W3GQ
379 AB9BH N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	340 KE4TH N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM
378 WR7X	366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	348 NJ7G	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8LMG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	333 AA4LR K0TC KM4HI	325 WA2AEY WX0Z
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	344 K6FW KB0PE N8LRG W1OW		
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	343 AB4EJ K5EK N3RC N6KZ W2HRO		
369 KF8UN N2DPF	355 KD5XB	341 KD7DCR N8HRZ		

324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	W4GLV W5RKN	N3KN	W2GKR W4VC WA2IIE	282 AA0ZP K0PG K5TA N8JCM W4WM
323 N8II W8KEN WO2T	312 AF6O KA2GOJ	301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	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 NC7B NS4C W9VA	310 K1ST N1NK W9KVR WO4DX	299 DK8NE VE6WK W1LE W8UV WB5GVY	290 JE1BMJ WA8EFK	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	309 AA9RR	298 KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ XE1YY	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	308 WA4HFN	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	277 AC7JM K5KEW 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 W1SKU W3HDH	306 K4QE N0LD WB0OQV WV9L	295 KE4P N6AR N7NT	285 AB0S K5CZD K9UO KK0DX	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J WA9M	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	304 K6IPF NS4T WA0GUD	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI	283 N5OHL WA0FQK WB0CQO	
314 KU4XO VE3XN	303 EA8DBM K8TGC K8TL N7LAN			
313 N2ZZ N6NR N7UVH NF4A	302 KB2TGU			

273 KM4H KV1J VE6SH	W7CT	KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	248 K1ZZ W6VFA	KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	256 JM1IGJ KL7NW N8ZJN	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT
271 K7NII KB7FUV W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP	253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ N9ZTS W0KAN WB9PNU	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY WA2OTC
265 N5KS	257 K0CCM K2KA K5QE	249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 AB5GU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT
			239 K9MQ	

230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9P JL VE3SYK WA7AJ	KB0LYL NA5Q W0BNE W4EJG XE1J	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 KK8MM N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV
227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNK 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 JA7MSQ K2WJ K6VDP KG6WIK
225 AC9O K9QJ 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	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	193 K7PT K9AB
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	191 K0ITC

K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	N1IBM N4BG	W0ZY W1MAD WY7FD	KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F
190 K5DB K5ER KC2DLD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V	163 K2JF K2YSY N5XZ
189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO
188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	175 PV8BR	168 KG5ZMQ KS9J W2PD W8WEJ	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD
187 AA8R KQ0J	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT	160 AB1QB JA1AFR K5IQ
186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY	166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU N3FX W0RIC	158 K8CR KI0D N2CG
184 4O3A AF5Q K0DEW KR4M		171 AA4PB HP2AT KC5GSK	157 K4FX KB8GC KC2WUF	

WA7NB	150 N9LAH VE3OAT W7APM	K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR
156 K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE WI5D WW7Q XE2O
155 AE4M CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNQ (CM88) WB6RAB	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
154 AE4NT KB9VMW KD2NF KW4OV W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E N7MB NO1R W2JCN W4AVV W7UV XE2JS	131 JR1BAS K3NAT KG9R N2CJ TF3JB
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHz W3DQS W5FI 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 N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2Tzt W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W
152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA	144 K0TLG K5TDW K6JRA	134 AB1NS AB4GE C6ABB GM4UYE	129 8P6ET
151 KO0Z OE6IMD W1ZT W2DXE				

JF4VZT	KT5MR	K4CGY	116	K3GD
K0KD	N0SL	KD0R	IK7EOT	K5WTA
K5QWO	N9AZZ	KD4MZM	K4RGN	KA7T
KC8KSK	PV8AAS	KD5BRF	KI6QDH	N5HMH
KF4NEF	W0PE	KE4SCY (FM06)	KU5B	W1TR
KM5LY	W1TAM	N3YPJ	N0VR	W5DQ
KM5SC	W6SCQ	VE1JC	NO0B	W6OAT
N9WBR	W7YM	VE3XK	W0DHB	W7IV
128	W9CDL	WA6RAY	115	W9PN
JR2LJO	WL7OU	WD4OHD	K9MMS	WA8TWM
KC7QAG	123	119	KE6TVM	WG3K
KJ6SDF	AC7AF	AE5AU	KF0QS	WX3P
KN4DMN	K9SM	K0AWU	KF9AF	XE1GK
N1SFE	KB0GT	K1ZN	KM5FA	111
W0WT	KB0STN	K2SQS	N7VGO	N0SLT
W5ZO	KG6DHQ	K4MSG	UW5ZM	PC3T
W8FR	VE3TG	K7JIZ	VK9DX	W8GBH
WB2WEO	W1HS	KF7PCL	WA3BZT	WZ8P
127	W3SE	KP3V	WC7V	110
AA9RK	W4PRZ	KT0P	114	G4BWP
K3GYK	W5EWF	KW7N	AC8HU	K5KR
K7UV	W7MHW	N4UPX	K2RET	K7LD
K8AC	W8BI	W0QC	K3RTU	KD5J
K8OS	W8KHP	W4SW	K9AAN	KI0F
KB3OZC	WA8WV	W7QQ	KC4GCK	KP4JRS
KB9TLV	WB2RVX	WI4T	KG9Z	KQ4LA
KC0RQH	122	WM9M	NF8M	KX5U
N6UTC	K7AED	118	VE1WOW	N5TIF
VE2JWH	K7OGW	J68AS	VE3IRR	N5YM
W1FLD	KA9JAC	K4AZV	W2JLK	W7JET
WA6BIL	KB4UF	KA4LBD	W2ZQ	W7UP
126	KB5WFE	KF6MXK	W4ALF	109
KJ7G	KC5UGX	KI7BP	W4UFO	AK6ZZ
N0BDS	N5HYV	KT8X	WO2C	IW1ARB
N7DGI	VE6PY	KW4BY	WX4US	K2DSW
WB4HUC	VE7JAC	N1QDQ	113	K2JGL
YL2AO	WD0GTY	N3JNX	AB4PM	K2OO
125	121	N5EIL	AD5MD	K5DNL
AA7DK	AE1P	W2AC / WB2ABK	HB9BZA	K9GY
K3PU	K0MFI	W2AC/WB2ABK	K3DQB	KE6GLA
KC5DRI	K4HBI	WB2KSK	KD4BPZ	KJ6CA
W2AJM	K6USY	117	KD6VCD	KZ7N
W3UQH	KB2WAL	AB5J	KM5OL	N8TMW
W4DFU	KB5MH	K4WS	N3JDQ	N9TTX
WA6POZ	KE4JFS	N4USG	N4YCI	VE3AAQ
WB4OMM	NE0P/9	N5JEH*	N5YK	W0YJT
WE1P	UR0MC	N5LPT	W0BM	W1OP
124	W8DN	NA7L	W8MSP	W4ZRZ
K0DLW	WB9TFH	NU6V	W8VW	W5MPC/1
KB0HH (EM06)	120	W6WE	WD0ENC	W7RJR
KD5FTD	EA1YO	WA1TBV	112	WB6YIY
KM1C	K2CYE	XE2PXN	EA4DEI	WB9W
	K4AU		K2MLS	

108	KC0JYT	KR4NO	N8VEA	KC2IEB
CF3VRQ	KC4KK	N0YXE	N9DVS	KC6X
JA9IPF	KF4DGS	N1JIF	ON9CMR/W0	KD4MWO
JP7EIP	KJ7TH	NF6P	VA2LGQ	KD6RUH
K5OPB	N4NQY	NN2D	W4LLP	KG9AP
N3MWQ	N5SAN	VE7DXG	W5KBD	KR4UA
VE3SUB	N7YY	W0TF	W7ISG	M5MYH
VE7IG	NE9O	W3LEO	WB8IMY	N4FV
VY2RU	PU4JOE	W6IT	WD5IYT	N7HRT
W4AMP	VE3VRQ	W6XU		N7JPF
W4CRN	W8MIL	XE1RBV	100	N7TE
W5AAJ	W9RVG		AC0FT	N8GHZ
W8EH	WA4MYO	102	AI2S	N8YV
W9VNE		AA9MY	AI9U	N9MKC
	104	AB8JH	K2UA	NB5R
107	AB9YC	AD6KH	K4UQC	NH6CJ
JA3EGE	AC5K	K0HAQ	K5GM	NI5W
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	WA5TRX
US0KW	KD9GKL	KE1AU	KD3SW	WB5NHX
W2TTT	KJ7OG	KJ4M	KE5CVM	WB7VVD
WB4PPW	KM6WXB	KR5V	KF0Q	WK5X
	KO4LZ	N1HOQ	KG5X	WW2R (EL09)
106	N0STP	VE7ZD	KJ5OA	
K0MEI	N1LDY	W4RVZ	N3TBB	98
K5BJW	N2FBQ	W5DPT	N4NIA	AC2RL
K7BWH	N3UPS	W5OV	N5RZK	AD8Y
K7JE	N7AGF	W7UT	N5XTR	K0KC
KB0TIJ	NJ1H	W9NFL	N7EME	K0UD
KC7ICM	VE2PIJ	WA8EQP	N8COP	K3IXD
KE5JXC	W1TE	WB5FDP	N8XS	K3QIA
KJ6MBW	W1ZE		VP2MRM	K4OP
KK2DOG	W4KVS	101	W2CH	K5HOB
N0RQ	W6ZQ	AE7V	W4/KL7GLL	KA1EKR
N1USB	W9EBK	K0IN	W4OZK	KE4LGL
N2IPH	W9MDB	K0SBV	W8BZY	KG4YOU
N4CE	WB2VUO	K0WJ	W9DQ	KG7E
N5FPW	WB8BZK/VE3	K2NUD	WA5TLP	KJ2G
N5YHF		K5DWI	WV9E	KK0CQ
N8HM	103	K5HX		KY0Q
N9XMU	AA5CK	K7SYS	99	N0JJQ
VA3OKG	AB0YM	KB1JDX	AB0SD	N1JHJ
VE3AJY	AB5SS	KB4KBS	AB3TM	N3LRP
WB6VYH	K2OY	KC6AWX	K0YO	N5TEY
WQ9F	K4MVL	KC8CSD	K4KEW	N8AID
	K8ZEE	KG8WB	K4WQ	NO5X
105	KA1W	KG9IL	K4ZO	NO8R
AC4Q	KB0FHP	KL2R	K5VPQ	VA3VF
DS4EOI	KB2SGX	KR4WM	K7DD	VE4XTZ
K4SJA	KC9FFV	KR7LD	K7PAP	W2KRP
K9MAL	KF0AIJ	N1IX	K9ZZE	W6TE
KB3JGS	KF4DVG	N4AOE	KA0ZEE	WA2FGK

WA3TLT	K4EQH	N4ET	N5ZMP	N7JI
WB1GQR	K5CRJ	N5BLY	N6HY	N7KSI
WB2YDS	K8EMR	N5ENU	N6MXU	NA9D
WD0E	K9OT	N5KI	N7NH	VA3JFF
WH6LR	KA2NDX	N9IV	N7UN	VA7QI
WT5H	KA3HED	N9LJX	N8WWM	VE3WMD
WV5Y	KB5GI	PY2KP	N9DD	VK5PJ
	KB8PNS	VA3KS	N9UNX	W0MHK
97	KC0HBP	VA3PZ	VA3MA	W2VTV
AB8M	KD6PY	VE3KZ	VE3RX	W3ZGD
AJ9C	KI5TE	VE3SPW	VE5MX	W4VG
K0HB	KM2O	W4YZJ	VE7AB	W5DMT
K0JQZ	KM5NU	W5ADA	W2GR	W5DWA
K0QEI	KR4EE	W5CBF	W3IPA	W7EIR
K0SH	KS4V	W5RCQ	W3TA	W7TRX
K0YQ	KT5RR	W7JWC	W4LNG	W9IFW
K3HZO (FN20)	N0WVU	W9SX	W5ODD	W9NED
K4GTR	N2LID	WA2ONK	W5PUF	W9WI
K4JQU	N2VHZ	WA3I	W7NX	WA5ICA
K8XF	N2XK	WA4WR	WA7LHZ	WB5CON
KA2BSK	N8PAQ	WB2SIH	WA9BXB	
KA7EII	N8YBY	WD8DOT	WT9U	92
KC0YBM	NT2A	WS4S	WV7S	K1EY
KD5CKP	NW5Q	XE2AT		K5GDX
KF4KSN	NY2Z		93	K5TDA
KM4NYI	VE2DCP	94	AG2A	K7FU
KT5WB	W1HMM	AA4RP	AG6CV	K7HKR
N1VMJ	W3VHF	AB4VT	A18F	K7UWR
N3UMA	W4KK	AD1DX	K0IW	KB0PQP
N4BH	W4TMR	AK8CW	K1PTF	KC4JNW
N6MA	W7JHS	HK4SAN	K1ZK	KD4QMY
N9APK	WA3EEC	K0ARM	K2AK	KE4WBO
N9IO	WB0M	K3BEE	K2MTS	KG4URP
N9KY	WB5KJE	K3TUF	K4DAM	KR7X
NK7C	WP4LNY	K4JRK	K5TRI	N2SG
NU0Y		K4LDC	K6RM	N3GH
NV3K	95	K4NNX	K7IP	N4VN
VA3FIN	AB9AI	K8GT	K7TRK	N5QO
W3QT	AE0G	K9DOG	KB0USF	N6FD
W4CWA	AE5EO	K9SUL	KC5TGT	N6RPM
W4DAS	IK8YTA	KA2F	KC5TT	N7DED
W4ID	K1PNQ	KA9UVY	KC9TTR	NS6E
W7DN	K4ED	KB7AK	KC9UL	UT5JAJ
WA6OSX	K8BB	KC0AUY	KD0QG	W1PV
WA9LEY	K8KFJ	KC3AK	KE6AZX	W2ACY
WB8RVK	K8ME	KD4VRZ	KE6UMW	W2CVW
WB8ZTV	K8VD	KE3WM	KE8RPJ	W3ACO
WE8L	KD7WH	KF0LA	KE9V	W3HZU
	KD8DR	KG4NLZ	KI0J	W4BP
96	KD9ZR	KU4JZ	KK7MNC	W4LIA
AD5OW	KF6XA	KV3W	N2BX	W6NS
AE4TQ	KI0SK	N0LNE	N2YTF	W8JV
AK4F	KW9U	N0LP	N3AO	W9HBH
HB9EFK	N1XK	N2SU	N3ZBK	WA3JKB
K2CK	N2SLO	N3JBH	N4GOA	WA4EEZ
K2UF	N2WLS	N3XBG	N4YHC	WM3O
K2UNK	N3WAV	N3YUG	N7EGY	

91	KB5FHK	88	NI5F	K4EZY
AA0CW	KB7BSA	AA4QE	NN7RM	KE6NDG
AD3Y	KK4DZP	AE0DX	W8GOC	N1KI
CO2WZ	KW3DX	AE4OF	WB3IGR	N2NWS
K1UR	N2ULL	AF4MI	WB8JAY	VE2WBK
K4SPA	N4BRF	K1RS	WF4W	W8PU
K6YK	N5BA	K3TN		W8SGR
K7HPN	N9JJ	K4XD	86	ZS6NK
K8OI	VA3XOV	K7CTV	AG1T	
KB2YWU	W9CPV	K7WV	K7FB	83
KB3IAI	W9CSY	K7ZYV	KA9OKH	AA6E
KB3NDS	WA2BEV	K9JF	KB7JJG	DL5XJ
KB4YKC	WA8OJR	KB2KIR	KI6HQT	K1LH
KB7AZ	WD9HCF	KC1GWX	KN4MMH	K4SQC
KC5POV	WE7H	KC3MLC	KP4TB	K6JJ
KC8LGL	WEST SEATTLE WA8BWR	WA8BWR	KT1R	K8SIA
KE1IU	WH6LE	KI2D	N2NF	KB3HHA
KE7RTB	WT4C	KI4RFM	N3MVF	KB9LIE
KG4QWC	XE3/K5ENS	KJ4KW	N8TFD	KK7BV
KI3O		N0OK	NZ3O	KU4WW
KI5BLU	89	N1CEO	SV1RK	N5PD
KM7N	AB1TZ	N2MKT	VA3MDB	N6KTH
KM9I	AG2AA	N2ZN	VA7LM	SV2AEL
KQ6K	AG7NR	N4CAG	VE7IRU	TG9AKH
N3PPH	G4NBS	N4GN	W8IW	W7USB
N3WCM	JQ1TIV	N4KIN	WA1PMA	WD6T
N6DW	K4BMM	N4UC	WB4GCS	WD9IOK
N7CZ	K5CX	N5VBK	XE2AU	WI6Z
N8DEZ	K5JAZ	NS3X		XE1MM
NR4J	KA0MWA	NT4TN	85	
NU4N	KF4TVL	VE2VLJ	AC9GK	82
OE9KFV	KI0G	W2BZR	EI3IO	AD4IE
VA2BBW	KI4FW	W3YX	K1UU	CB0ZA
W2SUB	KI4US	W4DL	K4LRP	K3RJK
W4MLN	KR4U	W4R XR	KB3MXK	K4JMX
W5KDA	KT3X	W7HDD	KC0V	KA5WSS
WB0NRV	N2GZ	WA2BTR	KE4DRF	KC5YKX
WB7X	N5KAE	WA5MD	KK4AND	KG4KVZ
WC4V	N8YSZ	WK3N	N2RJ	N1SF
XE1GZU	N9RG	WV8O	N4LS	PU8TEP
	N9UDX	XE1SOV	NJ1Q	W5DAS
	NE2U		VE3GFN	W5DM
90	VE3VCF	87	VE7DAY	W7YOZ
AA0LM	W0HRO	AC0A	W1WV	W8GG
AB4WL	W1HY	AG4I	W3STU	WA2ONG
AB9DU	W2JEK	K4JC	W4IT	
AF5BG	W2OK	K5UZ	W4RA	81
DL1SMA	W4ZMM	K5WO	W6ST	AB4I
JH4JNG	W6V NQ	K6UIP	W7SIR	DF3CB
K1HC	W9HT	KB1VUN	W8DQ	KE4DZU
K1KA	WA7SDI	KC8NAH	W9QY	N6MM
K3CWF	WB3IAL	KE6WOX	WA4WKL	N7NEV
K3UAL	WM6Y	KI6RRD	WD4LSS	NI4Y
K4AAP	WQ5C	N0ELA	WF4R	W3MC
K4FTP	WR5AY	N2CJN		WA4ZXV
K4XZ	XE2NL	NA5DX	84	WA8ZNC
K8EAB	XE3DX	NE5S	CT3FT	XE1EE
KA5TJI				

80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	K4IM K5EJ N7UJJ OK1MP W4CCS	53 K0BBC PP1CZ	DG7RO DU1EV K8YSE
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QO)	51 CT1ETE N8OFS OH4UI OE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	50 N8MR	36 JA1WSK
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	44 HB9RUZ WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
	67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN K4ZIN	31 K7TM
	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
	65 JA1XEC	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW
		54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP
			38 DD3KF	27 E70A KC9ELU

WP4NIX	PY2XAT	10	M1VPN	9A2GA
26	SP5XMU	DL4CF	MU0GSY	9K2NO
DS4AOW	W0JM	HB9BOS	OK1IN	BV6CC
WB7QXU	16	J12UDK	ON5UE	CO6CBF
25	N6VHF	PA5KT	PP2RON	DF3VG
EA4/K1WE	SV8CKM	SV2DCD	SK6QA	DF8FT
	TI2CDA	TF3Y	VE2NGH	DK1CO
		UR7DWW	VR2XMT	EH4BPJ
24	15	9	W1ZR	ES8JX
EI2JD	9K2BM	DL7BA	W2ZF	F5TMJ
F1RAF	EI2GLB	EB1EWE	YL2CZ	G0THY
F4BDG	HB9FMN	EC7ZK	4	G4DDL
HB9G	HB9HIT	G6BFP	CT7/RC2A	G8GNI
KS4YX	JE2UFF	HB9GWJ	DD6UAH	GI4ONL
ON6AB	LU5FF	IK3ITB	EK/RX3DPK	IK1IYU
PA7TWO	PY2RN	JA1MZL	F1DFR	IK2GOQ
23	UT3UA	JA2FGL	GM4CFS	IZ8XQC
GM4ILS	WC2C	JE1LFX	GM4KHE	JA6AVT
K4SLC	14	KD3UY	IV3GOW	JA6SZV
KP4EIT	EA8MT	S51NM	JG1JPE	JA9FAI
W8MK	JA2XCR	8	JH7IMX	JH3MHI
22	KB8DVT	DK2LO	JH7IPR	JP1HDK
9H1SP	PA7RA	JA1CPU	JK6DXD	K4KZM
IZ3ENH	PV8RR	JE3PCP	UT5EL	K7LY
OE3SGU	PY2OC	JJ2NWI	VK4ZP	KEN IN NEBRASKA
	W9TTY	N8RO	XE1SAX	LA2CQ
		OH8LXT	3	OH3KAV
21	13	7	DF1ZN	SV1XV
EA1YN	K4WY	DH0GSU	DJ5AV	SV3FUO
20	PY2MC	G8APB	DL2KQ	YB2DX
CX1FK	W4PWF	IZ0INX	EA1AR	YL2KF
I1FQH	12	JA2NDQ	EA4D	1
JM1KVV	EA3GP	LA3DV	G3LHJ	3A2MW
N1WC	F4ESV	N5ORT	HA9PP	9A2EY
PY5EW	HB9DDZ	NJ4Y	HL2ZN	AJ6T (EM66)
W8LR	IK2RPE	UR5FEO	IK0WRB	BD4UJ
19	JK1UNZ	ZS4TX	IK8EPC	CT1AHU
DL1TS	JN1RQV	6	IW3GJF	DH8BQA
EA6BB	N1IW	CT2FEY	J11CHH	DJ3ZF
J14WAO	VE3LYC	DL1TRK	JM1GHT	DL2DCX
JR3UIC	ZS6WB	DU0A	JN1BPM	DL4ZAB
PY2HN	11	EI2JC	JR6IQI	DS5DNO
SP8NR	A65BR	JA7NGE	KC0Y	DS5TOS
VE6TA (DO31)	DL2OE	PY2VA	PY5IP	EA3WD
	EA4DAU	5	SA7CJO	EA4GQS
18	EA4ZK	DL5LH	SV1VN	F1VEV
AJ6V	G4CTY	EA1AAA	W1CBY	G4CFS
HL4GAV	IZ4GWE	EA7ZY	WD9EWK (DM43)	G4VSS
KJ4EU	JA2KVB	IK8GYS	YB1TJ	G6MXL
W0HBH	JA6QHQ	J15USJ	YL2CA	G7SQS
17	PY2DV	JJ1IDW	YL2MU	G8TTI
G3LZQ	PY2GM	KB8VAO	2	IK5BSC
			5B4ALJ	IW0AFS
			6K5XZE	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