

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 (05 Feb 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	K5ND	AE5B	AJ4F	
N5DG	KY7M	AF5CC	KB9OWD	452
N5OMG	N0KE			N5BO
N6JV	N7KA	477	463	N9BX
N7NW	WD5COV	KC7V	K4MY	NE1B
N9LB	XE2CQ	N5KO	W5XC	
N9UM		N7ZO		451
ND0B	485	NC6K	462	K5WBM
W0FY	K0TPP		K6ZH	KD3CQ
W0JW	K9MU	474	N6ORB	
W0LGQ	N0POH	K7KQA		450
W3CP	W5VY	W6XK	461	KF8MY
W4UDH	W5ZN		N4JQQ	

449 KF6HI W8TN	N5TJ	W4DR	407 W4AS W5CIA W5PR	K2TER K6RO KT8O
448 KP4AJ W3LPL	436 N4QWZ N9FN W3TC WB8ART	422 VE6WQ WB5JID		393 K1GG K7XC
447 AH0U K3SX KS7S 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
	432 K6G XO N6KK	415 K5OMC K7AWB W0GJ	404 N2ZX VE4EAR W5SUM	389 AB4SF
444 N7BAV	431 K0TLM	414 K0DEQ N0GZ	403 NH6T/W4	388 K0IP W4WRL
443 AB4IQ K8ZM N4MM	430 K1TEO		402 K3FM K7SMA	387 KV4T N4CH
442 AG9S N2QT N4TL	429 WA5JCI	413 AE5FM WA9LFO	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
441 K8TB K9KLD WA1EAZ	428 K9APW N2NL	412 VE2XK 6M FN07PJW0JRP W4TV	400 W3UUM	385 NK1K VE6MB W4WTA
440 W2IRT	427 K4ZOT W0RH	411 N9EAT NZ3M	399 K8JH	384 K8ROK W7FI
439 NM5U	426 K8ZR N5OK W5JAY	410 KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	383 KI0E W5MO
438 K9MK	425 K6ML	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	382 K5PI VE3YXO
437 K5RT KK4MA	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	381 AG4W W3VZ
	423 AJ4A		394 AA5JF	

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	
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
375 K6QG WB4OQX	363 W4NH	349 KA0BAD		329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	348 NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	
373 K4SSO	361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8LMG W8OP		
372 JA7QVI	360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
371 N3PS WA6BYA		344 K6FW KB0PE W1OW		327 KJ5RC N0YO W2JU W7YA
370 K5TN KN4SM KS4YT N3MK NT0V	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
369 KF8UN N2DPF	357 K4LVV	341 KD7DCR N8HRZ	333 AA4LR K0TC KM4HI	325 WA2AEY WX0Z

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 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 K4MM K9FA N5BCA N7RO NQ7G W4LTJ XE1YY	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N
319 KF2T N7US	307 AG1A KE5K W3ATV W9RPM	297 KE8Y KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	277 AC7JM K5KEW PV8DX
318 W4HY	306 K4QE N0LD WB0OQV WV9L	296 JG1TSG K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N6AR N7NT	285 K5CZD K9UO KK0DX	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI	283 K2BLA N5OHL WA0FQK WB0CQO	
314 KU4XO VE3XN	302 KB2TGU			
313 N2ZZ N6NR N7UVH NF4A				

273 KM4H KV1J VE6SH	264 AC8L K4JAF N0TK NF1O	PY2XB W0PPA WA2HFI/O	W6VFA	W6RW W9YOY/M WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	263 AK4PR K9AAA WB7QBS	256 JM1IGJ KL7NW N8ZJN	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT
271 K7NII KB7FUV W3HHN W3SW	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C XE1YD	253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K1NJ K2HAT NA2NY WB7ECS	251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY WA2OTC
265 N5KS W7CT		249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 AB5GU K10HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT
		248 K1ZZ	239 K9MQ KF4LVF MD0CCE	230 K1ZE KO4MM

VA3XJ	K2TV	VE3SYK	W0BNE	198
WB0WAO/8	K3AJ	WA7AJ	W4EJG	AC8TO
229	KA1LMR	213	XE1J	JR2HCB
K6RG	KD4K	K3DFL	205	N0UK
KB9RUG	WA2BOT	KI6X	AF4OD	N7EPD
KD5IKG	221	W0NBC	K8SD	NX0I
KE4UW	K5WMH	212	KE4HOA	W8DM
N4NX	K6CQR	AB5C	N5ITO	WA7KYM
NN5DX	N0PSJ	JF8QNF	W8QID	197
W5LUA	N4ION	JR3REX	204	K3EGE
228	N5UWY	KF7NN	LU2DX	N4BAF
K5RUS	W4IFI	N1SV	WA3DRC	W3TW
K7HSJ	W5JMW	N2OA	203	W5CTV
KF2ZQ	220	211	K0VSV	196
N8AIA	K7BTW	K9FOH	K5HYT	K0AIZ
W5HEZ	KK8MM	NE8S	K5LOW	K0NR
227	N7XCZ	VE3SMA	N0HF	KD3HN
JM1SZY	219	W2ZDP	N8SYF	N5DUW
K3HPA	K1DT	W5HNK	W1RM	W2AMR
K8ZT	K2RKJ	W6AER	W3SZ	XE2ED
K9TF	KE5RV	W6KAP	W9GFB	XE2W
KS9A	W6DPD	210	W9VOB	195
W4KXY	W7ZSL	K3MSB	WA1KPD	AA4W
XE1GLL	WB2WIH (FN20)	K9YC	202	JA7MSQ
226	218	KL7NO	K1BZ	K2WJ
AF5WN	K1XH	N1TQ	K5GJR	K6VDP
GD0TEP	K4IJQ	N6UK	WC7X	KG6WIK
N7CNH	K5HPT	WQ9T	WF8Z	194
N8UR	KB8KVJ	209	WQ5W	K2MRK
NM5S	KC0VDY	AA4IB	201	K3EA
W0VX	NA5C	W5WGF	AA7WB	N3FA
W8RD	217	WA4NFO	KC5FP	N9NFT
WQ6Q	ND4V	XE2N	KO9V	WF1H
225	W4DEE	208	KR0I	WK8A
AC9O	216	AI2N	NN0K	193
K9QJ	K7RB	CO8DM	NR2C	K7PT
KX9X (EN50)	N0IS	KD5HIO	WA1MKE	K9AB
N2WSY	N6PM	PV8ABC	WA9ASZ	192
PV8AZ	NE1F	207	200	N1LF
W8AKS	W1AW	N1BCL	4A2MAX	N2NB
WN6W	W5RWF	N8NJA	K4YJ	N3CAL
224	215	206	N5AO	N3NR
JA8ISU	AL7OC	AB0CT	N9AG	N4LXB
NJ8J	K2SX	AK4Y	VA3VU	N4TV
223	KI5FJ	CT3MD	199	W6MTR
K7UA	N2YU	K4GHS	N3KfV	W8FN
NJ7A	N6KW	K9YC (EN61)	W4OEP	191
222	214	KB0LYL	WB0YEA	K0ITC
K0YY	KB9PJL	NA5Q		K9CS
				KK6OH

N9AMW WA2BKN WA5CAM WD4JHD	183 K5RQ N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	WA2KBZ 170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V	KF9US W4CSW WK7G WQ7F
190 K5DB K5ER KC2DLD N9UA W1ATV W2OO WB0DBS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	163 K2JF K2YSY N5XZ
189 KC0MEA WA5VKS	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	175 PV8BR	168 KG5ZMQ W2PD W8WEJ	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO
188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	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 LU4FW N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD
187 AA8R KQ0J	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY	166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 AB1QB JA1AFR K5IQ
186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU N3FX W0RIC	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA	164 K2SD K5VWW KD0UHN	158 K8CR KI0D N2CG
184 4O3A AF5Q K0DEW KR4M N1IBM N4BG				157 K4FX KB8GC KC2WUF WA7NB
				156 K2KJ

K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	YV4NN	N7T NA2AA NZ6N W4OV WB2JIL WY0V	W4TKI WA3WZR
155 AE4M CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI W6VNQ (CM88) WB6RAB	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 W15D WW7Q XE2O
154 AE4NT KB9VMW KD2NF KW4OV W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF PV8AJ VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHz W3DQS W5FI W9ILY WB5ZAM	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	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
152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA	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
151 KO0Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	139 IZ8FFA KC7JPC KU0G	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU	129 8P6ET JF4VZT K0KD K5QWO KC8KSK

KF4NEF	W0PE	KE4SCY (FM06)	N0VR	W5DQ
KM5LY	W1TAM	N3YPJ	NO0B	W6OAT
KM5SC	W6SCQ	VE1JC	W0DHB	W7IV
N9WBR	W7YM	VE3XK		W9PN
	W9CDL	WA6RAY	115	WA8TWM
128	WL7OU	WD4OHD	K9MMS	WG3K
JR2LJO			KE6TVM	WX3P
KC7QAG	123	119	KF0QS	XE1GK
KJ6SDF	AC7AF	AE5AU	KF9AF	
KN4DMN	K9SM	K0AWU	KM5FA	111
N1SFE	KB0GT	K1ZN	N7VGO	N0SLT
W0WT	KB0STN	K2SQS	UW5ZM	PC3T
W5ZO	KG6DHQ	K4MSG	VK9DX	W8GBH
W8FR	VE3TG	K7JIZ	WA3BZT	WZ8P
WB2WEO	W1HS	KF7PCL	WC7V	
	W3SE	KP3V		110
127	W4PRZ	KT0P		G4BWP
AA9RK	W5EWF	KW7N	114	K5KR
K3GYK	W7MHW	N4UPX	AC8HU	K7LD
K7UV	W8BI	W0QC	K2RET	KD5J
K8AC	W8KHP	W4SW	K3RTU	KI0F
K8OS	WA8WV	W7QQ	K9AAN	KP4JRS
KB3OZC	WB2RVX	WI4T	KC4GCK	KQ4LA
KB9TLV		WM9M	KG9Z	KX5U
KC0RQH	122		NF8M	N5TIF
N6UTC	K7AED	118	VE1WOW	N5YM
VE2JWH	K7OGW	J68AS	VE3IRR	W7JET
W1FLD	KA9JAC	K4AZV	W2JLK	W7UP
WA6BIL	KB4UF	KA4LBD	W2ZQ	
	KB5WFE	KF6MXK	W4ALF	109
126	KC5UGX	KI7BP	W4UFO	AK6ZZ
KJ7G	N5HYV	KT8X	WO2C	IW1ARB
N0BDS	VE6PY	KW4BY	WX4US	K2DSW
N7DGI	VE7JAC	N1QDQ		K2JGL
WB4HUC	WD0GTY	N3JNX	113	K2OO
YL2AO		N5EIL	AB4PM	K5DNL
	121	W2AC / WB2ABK	AD5MD	K9GY
125	AE1P	W2AC/WB2ABK	HB9BZA	KE6GLA
AA7DK	K0MFI	WB2KSK	K3DQB	KJ6CA
K3PU	K4HBI		KD4BPZ	KZ7N
KC5DRI	K6USY	117	KD6VCD	N8TMW
W2AJM	KB2WAL	AB5J	KM5OL	N9TTX
W3UQH	KB5MH	K4WS	N3JDQ	VE3AAQ
W4DFU	KE4JFS	N4USG	N4YCI	W0YJT
WA6POZ	NE0P/9	N5JEH*	N5YK	W1OP
WB4OMM	UR0MC	N5LPT	W0BM	W4ZRZ
WE1P	W8DN	NA7L	W8MSP	W5MPC/1
	WB9TFH	NU6V	W8VW	W7RJR
124		W6WE	WD0ENC	WB6YIY
K0DLW	120	WA1TBV		WB9W
KB0HH (EM06)	EA1YO	XE2PXN	112	
KD5FTD	K2CYE		EA4DEI	108
KM1C	K4AU	116	K2MLS	CF3VRQ
KT5MR	K4CGY	IK7EOT	K3GD	JA9IPF
N0SL	KD0R	K4RGN	K5WTA	JP7EIP
N9AZZ	KD4MZM	KI6QDH	KA7T	K5OPB
PV8AAS	KD5BRF	KU5B	N5HMH	N3MWQ
			W1TR	

VE3SUB	N7YY	W0TF	WB8IMY	N4FV
VE7IG	NE9O	W3LEO	WD5IYT	N7HRT
VY2RU	PU4JOE	W6IT		N7JPF
W4AMP	VE3VRQ	W6XU	100	N7TE
W4CRN	W8MIL	102	AC0FT	N8GHZ
W5AAJ	W9RVG	AA9MY	AI2S	N8YV
W8EH	WA4MYO	AB8JH	AI9U	N9MKC
W9VNE		AD6KH	K2UA	NB5R
107	104	K0HAQ	K4UQC	NH6CJ
JA3EGE	AB9YC	K3HW	K5GM	NI5W
K5UIC	AC5K	K9AM	K5KV	NS2P
KF7PG	AC5RN	KA3ZLS	K8IJ	VE2HAY
KI9A	AC9QR	KB8CR	K9CC	W2HOG
KK4LUM	IK4DRY	KC6WFS	KB9ZLB	W2VU
N3TTT	K5PPP	KC8DMN	KC2HLI	W5JLC
N9OI	KB9RNO	KD8NYO	KC8CC	W6TJU
NF0T	KC1LXO	KE1AU	KC9CMT	WA5TRX
US0KW	KC2TR	KJ4M	KD3SW	WB5NHX
W2TTT	KD9GKL	KR5V	KE5CVM	WB7VVD
WB4PPW	KJ7OG	N1HOQ	KF0Q	WK5X
	KM6WXB	VE7ZD	KG5X	WW2R (EL09)
	KO4LZ	W4RVZ	KJ5OA	
106	N0STP	W5DPT	N3TBB	98
K0MEI	N1LDY	W5OV	N4NIA	AC2RL
K5BJW	N2FBQ	W7UT	N5RZK	AD8Y
K7BWH	N3UPS	W9NFL	N5XTR	K0KC
K7JE	N7AGF	WA8EQP	N7EME	K0UD
KB0TIJ	NJ1H	WB5FDP	N8COP	K3IXD
KC7ICM	VE2PIJ		N8XS	K3QIA
KE5JXC	W1TE	101	VP2MRM	K4OP
KJ6MBW	W1ZE	AE7V	W2CH	K5HOB
KK2DOG	W4KVS	K0IN	W4/KL7GLL	KA1EKR
N0RQ	W6ZQ	K0SBV	W4OZK	KE4LGL
N1USB	W9EBK	K0WJ	W8BZY	KG4YOU
N2IPH	W9MDB	K2NUD	W9DQ	KG7E
N4CE	WB2VUO	K5DWI	WA5TLP	KJ2G
N5FPW	WB8BZK/VE3	K5HX	WV9E	KK0CQ
N5YHF		K7SYS	99	KY0Q
N8HM	103	KB1JDX	AB0SD	N0JJQ
N9XMU	AA5CK	KB4KBS	AB3TM	N1JHJ
VA3OKG	AB0YM	KC6AWX	K0YO	N3LRP
VE3AJY	AB5SS	KC8CSD	K4KEW	N5TEY
WB6VYH	K2OY	KG8WB	K4WQ	N8AID
WQ9F	K4MVL	KG9IL	K4ZO	NO5X
105	K8ZEE	KL2R	K5VPQ	NO8R
AC4Q	KA1W	KR4WM	K7DD	VA3VF
DS4EOI	KB0FHP	KR7LD	K7PAP	VE4XTZ
K4SJA	KB2SGX	N1IX	K9ZZE	W2KRP
K9MAL	KC9FFV	N4AOE	KA0ZEE	W6TE
KB3JGS	KF0AIJ	N8VEA	KC2IEB	WA2FGK
KC0JYT	KF4DVG	N9DVS	KC6X	WA3TLT
KC4KK	KR4NO	ON9CMR/W0	KD4MWO	WB1GQR
KF4DGS	N0YXE	VA2LGQ	KD6RUH	WB2YDS
KJ7TH	N1JIF	W4LLP	KG9AP	WD0E
N4NQY	NF6P	W5KBD	KR4UA	WH6LR
N5SAN	NN2D	W7ISG	M5MYH	WT5H
	VE7DXG			WV5Y

97	KB8PNS	VA3KS	N9UNX	W0MHK
AB8M	KC0HBP	VA3PZ	VA3MA	W2VTV
AJ9C	KD6PY	VE3KZ	VE3RX	W3ZGD
K0HB	KI5TE	VE3SPW	VE5MX	W4VG
K0JQZ	KM2O	W4YZJ	VE7AB	W5DMT
K0QEI	KM5NU	W5ADA	W2GR	W5DWA
K0SH	KR4EE	W5CBF	W3IPA	W7EIR
K0YQ	KS4V	W5RCQ	W3TA	W7TRX
K3HZO (FN20)	KT5RR	W7JWC	W4LNG	W9IFW
K4GTR	N0WVU	W9SX	W5ODD	W9NED
K4JQU	N2LID	WA2ONK	W5PUF	W9WI
K8XF	N2VHZ	WA3I	W7NX	WA5ICA
KA2BSK	N2XK	WA4WR	WA7LHZ	WB5CON
KA7EII	N8PAQ	WB2SIH	WA9BXB	
KC0YBM	N8YBY	WD8DOT	WT9U	92
KD5CKP	NT2A	WS4S	WV7S	K1EY
KF4KSN	NW5Q	XE2AT		K5GDX
KM4NYI	NY2Z		93	K5TDA
KT5WB	VE2DCP	94	AG2A	K7FU
N1VMJ	W1HMM	AA4RP	AG6CV	K7HKR
N3UMA	W3VHF	AB4VT	AI8F	K7UWR
N4BH	W4KK	AD1DX	K0IW	KB0PQP
N6MA	W4TMR	AK8CW	K1PTF	KC4JNW
N9APK	W7JHS	HK4SAN	K1ZK	KD4QMY
N9IO	WA3EEC	K0ARM	K2AK	KE4WBO
N9KY	WB0M	K3BEE	K2MTS	KG4URP
NK7C	WB5KJE	K3TUF	K4DAM	KR7X
NU0Y	WP4LNY	K4JRK	K5TRI	N2SG
NV3K		K4LDC	K6RM	N3GH
VA3FIN	95	K4NNX	K7IP	N4VN
W3QT	AB9AI	K8GT	K7TRK	N5QO
W4CWA	AE0G	K9DOG	KB0USF	N6FD
W4DAS	AE5EO	K9SUL	KC5TGT	N6RPM
W4ID	IK8YTA	KA2F	KC5TT	N7DED
W7DN	K1PNQ	KA9UVY	KC9TTR	NS6E
WA6OSX	K4ED	KB7AK	KC9UL	UT5JAJ
WA9LEY	K8BB	KC0AUY	KD0QG	W1PV
WB8RVK	K8KFJ	KC3AK	KE6AZX	W2ACY
WB8ZTV	K8ME	KD4VRZ	KE6UMW	W2CVW
WB9PNU	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	
K4EQH	N4ET	N5ZMP	N7JI	91
K5CRJ	N5BLY	N6HY	N7KSI	AA0CW
K8EMR	N5ENU	N6MXU	NA9D	AD3Y
K9OT	N5KI	N7NH	VA3JFF	CO2WZ
KA2NDX	N9IV	N7UN	VA7QI	K1UR
KA3HED	N9LJX	N8WWM	VE3WMD	K4SPA
KB5GI	PY2KP	N9DD	VK5PJ	K6YK

K7HPN	N9JJ	K3TN	XE1RBV	W8PU
K8OI	VA3XOV	K4XD		W8SGR
KB2YWU	W9CPV	K7CTV	86	ZS6NK
KB3IAI	W9CSY	K7WV	AG1T	
KB3NDS	WA2BEV	K7ZYV	K7FB	83
KB4YKC	WA8OJR	K9JF	KA9OKH	AA6E
KB7AZ	WD9HCF	KB2KIR	KB7JJG	DL5XJ
KC5POV	WE7H	KC1GWX	KI6HQT	K1LH
KC8LGL	WEST SEATTLE AND COLUMBIA	KC3BUL	KN4MMH	K4SQC
KE1IU	WH6LE	KE8UM	KP4TB	K6JJ
KE7RTB	WT4C	KI2D	KT1R	K8SIA
KG4QWC	XE3/K5ENS	KI4RFM	N2NF	KB3HHA
KI3O		KJ4KW	N3MVF	KB9LIE
KI5BLU	89	N0OK	N8TFD	KC1UYZ
KM7N	AB1TZ	N1CEO	NZ3O	KK7BV
KM9I	AG2AA	N2MKT	SV1RK	KU4WW
KQ6K	AG7NR	N2ZN	VA3MDB	N5PD
N3PPH	G4NBS	N4CAG	VA7LM	N6KTH
N3WCM	JQ1TIV	N4GN	VE7IRU	SV2AEL
N6DW	K4BMM	N4KIN	W8IW	TG9AKH
N7CZ	K5CX	N4UC	WA1PMA	W7USB
N8DEZ	K5JAZ	N5VBK	WB4GCS	WD6T
NR4J	KA0MWA	NS3X	XE2AU	WD9IOK
NU4N	KF4TVL	NT4TN		W16Z
OE9KFV	KI0G	VE2VLJ	85	XE1MM
VA2BBW	KI4FW	W2BZR	AC9GK	
W2SUB	KI4US	W3YX	EI3IO	82
W4MLN	KR4U	W4DL	K1UU	AD4IE
W5KDA	KT3X	W4RXR	K4LRP	CB0ZA
WB0NRV	N2GZ	W7HDD	KB3MXK	K3RJK
WB7X	N5KAE	WA2BTR	KC0V	K4JMX
WC4V	N8YSZ	WA5MD	KE4DRF	KA5WSS
XE1GZU	N9RG	WK3N	KK4AND	KC5YKX
	N9UDX	WV8O	N2RJ	KG4KVZ
	NE2U	XE1SOV	N4LS	N1SF
90	VE3VCF		NJ1Q	PU8TEP
AA0LM	W0HRO	87	VE3GFN	W5DAS
AB4WL	W1HY	AC0A	VE7DAY	W5DM
AB9DU	W2JEK	AG4I	W1WV	W7YOZ
AF5BG	W2OK	K4JC	W3STU	W8GG
DL1SMA	W4ZMM	K5UZ	W4IT	WA2ONG
JH4JNG	W6VNQ	K5WO	W4RA	
K1HC	W9HT	K6UIP	W6ST	81
K1KA	WA7SDI	KB1VUN	W7SIR	AB4I
K3CWF	WB3IAL	KC8NAH	W8DQ	DF3CB
K3UAL	WM6Y	KE6WOX	W9QY	KE4DZU
K4AAP	WQ5C	KI6RRD	WA4WKL	N6MM
K4FTP	WR5AY	N0ELA	WD4LSS	N7NEV
K4XZ	XE2NL	N2CJN	WF4R	NI4Y
K8EAB	XE3DX	NA5DX		W3MC
KA5TJI		NE5S	84	WA4ZXV
KB5FHK	88	NI5F	CT3FT	WA8ZNC
KB7BSA	AA4QE	NN7RM	K4EZY	XE1EE
KK4DZP	AE0DX	W8GOC	KE6NDG	
KW3DX	AE4OF	WB3IGR	N1KI	80
N2ULL	AF4MI	WB8JAY	N2NWS	AC6BW
N4BRF	K1RS	WF4W	VE2WBK	G4FKA
N5BA				

K7FR KE4PT KR4Q KW1DX N2NS VY2HF W5TTY W7AM	LU4FPZ VE6SO VK4CZ WC6DX	W4CCS	51 CT1ETE N8OFS OH4UI OE9FCP	37 BA7NQ HL4CJG JA9APS JH9DRL
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	63 EA1DR HL2EIZ KB0RFY	50 N8MR	36 JA1WSK
77 K1IFJ MI0AYR	72 N4II PV8ADI	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	69 K3WGR W1YM WD4LBR	58 KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
74 AK8B CX4AAJ KF2TI	68 AA4S EH7CD K6CF KJ7TEA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM
	67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
	66 K6KLY KK4YEL UX1UA	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW
	65 JA1XEC K4IM K5EJ N7UJJ OK1MP	54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP
		53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX
				26 DS4AOW

WB7QXU	16 N6VHF SV8CKM TI2CDA	PA5KT SV2DCD TF3Y UR7DWW	PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV SV3FUO YB2DX YL2KF
25 EA4/K1WE				
24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	
23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT	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	
22 9H1SP IZ3ENH OE3SGU				
21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		1 3A2MW 9A2EY AJ6T (EM66) 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
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE		
18 AJ6V HL4GAV KJ4EU W0HBH				
17 G3LZQ PY2XAT SP5XMU W0JM	10 DL4CF HB9BOS JI2UDK		2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF	

JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW