

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 (21 May 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	W5AFY	483	473	461
AA0MZ	W5AJ	AC0RA	NQ7R	NA9RB
AA5AM	W5FF	K1USA	WB0O	
AA5C	W5KI	W0VTT		459
AA7A	W5OZI	W5TRL	472	K4MY
A15I	W7GJ	XE2CQ	A11K	
K0GU	W7JW		KB7ME	458
K1TOL	W7KNT	482	N7ZO	K9NW
K4PI	W7MEM	AD6D	WD8JJA	KG5THG
K4XO	W9FF	K7BG		N9BCA
K5RK	W9JN	KM0T	471	
K5UR	W9RM	KX4R	AF5CC	456
K5WE	W9XX			N4JQQ
K7CW	WD5K	481	470	
K7ULS	WQ5S	W9VHF	WO7R	455
K8SIX	WS9V			K4SO
K9CT		480	469	
KA9CFD	487	K5GZR	N4TB	453
KA9FOX	K7MAC	WB0ULX		K4YMQ
KD5M	K7TM	XE2OR	467	W3UR
KG5CCI	K9YY		AD1C	
KM0A	N0AKC	479	N5EKO	452
KO9A	N7CW	N5WS		N5BO
KR7O	N7IR	W5WVO	466	
KV5W	N9ISN	WA7HQD	KA0JGH	451
N0LL	NA6L		KB6NAN	XE2K
N0LWF		478	ND4X	
N0PB	486	AE5B	WB9CIF	450
N0TB	K0SIX		WX7M	AJ4F
N1AV	K1TO	477		N9BX
N3SL	KY7M	K0BJ	465	
N3XX	N0KE	NC6K	WE9R	449
N5DG	WD5COV	W9RN		KF6HI
N5OMG			464	W8TN
N6JV	485	476	KB9OWD	
N7NW	K5ND	KC7QY		448
N9LB	K9MU	KC7V	463	W5XC
N9UM	N0POH		VE3EK	
ND0B	W3IP	475		447
W0FY		N4WW	462	K4HB
W0JW	484	N5KO	K6ZH	KS7S
W0LGQ	K0TPP		N6ORB	N4SC
W3CP	N7KA	474	W5EME	
W4UDH	W5VY	W6XK		446
W5ADD	W5ZN			K6EID

KB8VAO N4QS NV4B	434 K1SIX KF0M N4TL	421 K8ROX WB8BPU	404 N2ZX VE4EAR	W4WRL W5PR
445 K7PI KU7Z N5NA N8OC NY0V	433 NA6MG W3LL W9WO	420 KK4MA VE3LYC	403 NH6T/W4	387 AA1ON K2TER KV4T N4CH
444 N7BAV N9PGG NI0G W4DR	432 K6GXO N6KK	419 K7NN W0GN W5AL	402 K3FM	386 N7IJ NN4R W5TFW W7AH WE4S
443 AB4IQ K4XP N4MM NE1B	431 K0TLM K8ZM WA1EAZ	416 K4RWP K7ND	401 K4CKS NJ6D	385 NK1K VE6MB W4WTA
442 KP4AJ	430 K1TEO KF8MY N5SYV N5TJ	415 K5OMC K7AWB KO4MA W0GJ WB5JID	400 W0JRP W0RH W3UUM	384 AB4SF K1GG K8ROK
441 K8TB KD3CQ	429 N4QWZ WA5JCI	414 K0DEQ K7KQA	398 K7SMA N8IEZ W1NG W5JAY	382 K5PI K6VHF VE3YXO
440 AG9S KB9DAK W2IRT W3LPL W5THT	428 K9APW N2NL	413 WA9LFO	397 K5RT	381 W3VZ
439 WA9DU WB7CJO WB8ZBT	427 AH0U N4LR NM5U	411 K9MK N9EAT	396 KB8U	380 K7MCX NE6I WA5LFD
438 K1HTV N2QT	426 K4ZOT K8ZR N5OK XE2X	410 KE7SW KE8KMX KI8G N4HN	395 AA5XE K0AZ K5WBM KF7CQ	379 KZ2I N8WNA W6TMD
436 K3SX N9FN W3TC WB8ART	425 K6ML	408 W7BA	393 K7XC W4TV	378 AG4W WR7X
435 K9KLD KF6A	424 N4UFP N9AKR W3EP	407 W4AS W5CIA	392 AF4HX N4UFO W6OMF	376 AA5JF K8GI K8VFV N2WK W7FI
	423 AJ4A	406 AK3E K6FG VE2XK 6M FN07PJNE9U	391 N1EVK W4AVY	375 K6QG
	422 VE6WQ	405 AA4SC K5CKS	389	
		404 AE5FM K0IP K8JH		

WB4OQX	362 W1JR WA5OLT	346 W8LMG	335 K5FUV K5FZ K9QVB KB4MRX W9GKA	W2JU
374 AB1OC KV7K N6GP N7DB	361 K7XB K8BL K9NR N7MB N8KOL NG4C	345 W3XY XE2YWH		326 K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC W7JLC W8OP WF7T
373 K4SSO		344 AC9DX K6FW KB0PE KG8P N9XG W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	
372 W5MO	360 AA4FF K6UM (CN85)			325 WA2AEY WB4KTF
371 JA7QVI N3OC WA6BYA	359 NI0P	343 AB4EJ K5EK N3RC	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	324 HC2FG K9SH KU4A N2BJ N8HRZ VE3TMG
370 K5TN KN4SM KS4YT N3MK NT0V	358 K5RLA	341 KB1EFS KD7DCR NX7U WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE W9GM	323 N8II W4MAY W8KEN
369 KF8UN N2DPF	357 K4LVV	340 KE4TH N0AN	331 K8WDA KC0UDO N4MW VE7BV	322 VA6SZ
	356 NY1V			321 NC7B NS4C W9VA
	355 AB9BH	339 KE4BKL VA7FC W5VAS	330 KB8MBC KG6AY	320 K0VG N4DW
368 KB0V W5RCI W6GMT	353 AF2K K0CS K8EB	338 VE3SXE WA5KBH	329 AA1QD N2JJ W2OR W8WG W9DCT W9XA WX4G	319 N7US W4ER
367 AA4ZZ KC4HW KI0E KR4BD NT9E W7YAAQ	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	337 K0DD K8ZES NK0S NU6S W9EWZ WA5RT WW0E	328 K6ME N5PT W2CNS WB3LHD	318 N3ALN W4HY
366 KI7JA	351 AA4FL K5DTC	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	327 K6EME KJ5RC N0YO	317 KA8SYV N3PS W1SKU WA7PDC WO2T
365 K4JJW KG7CW WB4EVH	350 N6VI N8YO			
364 AB5EB N6QQ	349 KA0BAD			
363 W4NH	347 KT8O			

316 K3FN KA0ABA N1KDO W4UCK W9BWR	305 K6UM (CM88) KF2T KT1J WA9M	296 K6YUI KC7RW	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO
315 K5VH NY2NY	304 K6IPF W4FC WA0GUD	295 JG1TSG KE4P N7NT W2HRO	284 AB0RX K0KP K4DET KX7L NJ2F (EL96) RETIRED	275 K1MAA K2NJ N4GG W0FK W8PI
314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV	283 WA0FQK WB0CQO	274 KB1DMX
313 K0TC N2ZZ N6NR NF4A W4GLV W5RKN WA1NLG	302 KB2TGU N3KN W3TI	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K5TA KE8Y N0GZ N8JCM W4WM	273 K2BLA KM4H KV1J WB0OQV
312 AF6O KA2GOJ	301 AK0MR N0HJZ W7IB W9OBG WB0TVY	292 KJ6P W1SSN	281 K4OY NL7CO W2YE	272 K0PG
311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	291 K1ST KS4S W1WHL	280 K2UU N0KV NM5Z	271 K7NII KB7FUV KM3V N9JR W3HHN
310 AA8SW N1NK NJ7G W9KVR WO4DX	299 VE6WK W1LE W5SUM W8UV WB5GVY	290 JE1BMJ W3HDH WA8EFK	279 AA8MA KF9UG N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B
309 AA4LR VE3XN	298 AG1A KD4WSC N4IQ	289 K1GJQ K4MM K9FA N5BCA NQ7G W4LTJ	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY
307 KE5K NA5Z W3ATV W9RPM	297 DK8NE N8YQX N9LF	288 K1NU N6AR W1DU W4HLR	277 AC7JM JR1LZK NS4T PV8DX	268 K6OJ N9ZTS W0KAN
306 K4QE K6RO N0LD WV9L XE1AO		287 K8DP N8CGY WA8ZID		267 KG6EG

KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB	VE6BMX WA4YA 258 K1BD K2HAT NA2NY WB7ECS	K1NJ KG7NV NN4SS	241 N6NU W5LO	W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR WB8EJN	257 K0CCM K2KA K5QE K5XI KD4MYE N5DTT PY2XB WA2HFI/0	250 AA9LC NW6R	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AI9L K5FO N9NJY W0PPA
265 N5KS WA8MCD		249 CT1IUA K8AO KQ5U N1GC		231 K4MIJ K5VR K6HEW KF6GYM W9XT
264 AC8L K4JAF N0TK NF1O	256 K3WA N8ZJN	248 K1ZZ W6VFA	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
263 AK4PR K3VAT K4XR K9AAA W7CT WB7QBS	255 JM1IGJ K8MVZ KG4JPL N8LRG W0NOZ WA8KNE	247 W1FKF W3TEF	238 AA3GM AE4WG JP1LRT K3FRK	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW	246 JA1UAV K0DAS KK8X N5TIT VE6TA (DO33) W4FRA WI7P	237 K3KO	
261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM W3SW W9TA	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY KL0S MD0CCE N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
260 K6JAD N6HC W0PR XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT VE6SH	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W XE1YY	227 K8ZT K9TF KS9A W4KXY W5LUA XE1GLL
259 KD4ADC KG6I KN5O NS7K NY1E	251 AD5JK HC1BI	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX WQ6Q
		242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ	

225 AC9O K9QJ KX9X (EN50) N2WSY N4SV VE3MSC W8AKS WN6W	216 K7RB N0IS NE1F W5RWF	208 AI2N CO8DM KD5HIO PV8ABC	200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
224 IT9IPQ JA8ISU K9MQ	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW NA5C	207 K3HPA N1BCL N8NJA	199 K4GHS N3KFV NJ8J W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD
223 K7UA NI3K NJ7A	214 KB9PJL PV8AZ VE3SYK WA7AJ	206 AB0CT AK4Y CT3MD K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	198 AC8TO JR2HCB N0UK N7EPD NX0I WA7KYM	190 K2WJ K5DB K5ER KC2DLD N5SMQ N9UA W1ATV W2OO WB0DBS
222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID	197 K3EGE N4BAF W3TW W5CTV	189 KC0MEA W3SZ WA5VKS
221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF KF7NN N2OA	203 K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W9GFB W9VOB	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M
220 K7BTW N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNN W6AER		195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	187 K3EA KD3HN KQ0J
219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 JR3REX K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	194 K2MRK N3FA N9NFT WF1H WK8A	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE
218 K1XH K4IJQ K8YC KB8KVJ	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	193 K7PT K9AB	
217 ND4V W4DEE			192 N1LF	

185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	K5YPV KE4SCY	NC4RY VA3WEB WB4KXS	157 K4FX KB8GC KC2WUF WA7NB
184 AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC	156 K2KJ N3RN N9KO VE7V DX
183 K5RQ N0FJP N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G	155 AE4M K3TD K6XN N7AU N9OBE NY4I TG9ANF VA3NQ WV8DX
182 4O3A AJ6T DF3CB FP/KV1J K5GMX K8WK KK0DX W2CCC XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	170 K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	163 K2JF K2YSY N5XZ	154 AE4NT KB9VMW KD2NF W3ZQN
181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	175 K1DT PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z	153 AA4NC AB4GG K7AD K7LOL K7ZD KW0A N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM
180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ W8WEJ	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	152 AA6I N1NUM N2WM NU1T UT7QF W6IA WO4G
179 K1EP KU4WD	173 K2ZZ	167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	160 K5IQ WA3DRC	151 K00Z W1ZT W2DXE
		166 JA1OVD KC2GHT N5VU	158 K8CR KI0D N2CG	

150 N9LAH VE3OAT W7APM	K8WU N9DI W5MPC WO7GI	139 IZ8FFA KC7JPC KU0G N3FX NA2AA NZ6N W2PD W4OV WB2JIL WY0V	BA4SI C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR	JA3LZS JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR
149 AB6CF K4SAN KK9H WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	133 KA5ETS KC1RET KE1VT KM8V N7T W0RT W4GE WW7Q XE2O	128 KC7QAG KJ6SDF KN4DMN W0WT W5ZO W8FR WB2WEO WQ7F
148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88) WB6RAB	142 N2ZA N5RMS NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K	127 AA9RK JR2LJO K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH NO8D VE2JWH W1FLD WA6BIL
147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	136 I0WTD K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 K3NAT KG9R N2CJ	126 KJ7G N0BDS N7DGI WB4HUC YL2AO
146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX W4HFZ	140 AC5DK CO2WF CT1BWU JA1AFR K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U OE6IMD PV8AJ VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X AK8CW JR1BAS K0GUR K4JKB KC4NX KE8RJU NG9R VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	125 AA7DK K3PU KC5DRI NT7C W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P
145 KD7YZ V31MD VA3TTX WA4JA		134 AB1NS AB4GE	129 8P6ET	124 K0DLW K8VA

KB0HH (EM06)	KD0R	XE2PXN	K5WTA	108
KD5FTD	KD4MZM		KA7T	CF3VRQ
KM1C	KD5BRF	116	N5HMH	HB9BZA
KT5MR	KE4SCY (FM06)	IK7EOT	W1TR	JA9IPF
N0SL	N3YPJ	K4RGN	W5DM	K5OPB
N9AZZ	VE1JC	KI6QDH	W5DQ	N3MWQ
PV8AAS	VE3XK	KU5B	W6OAT	N5DD
W0PE	W4LVH	N0VR	W7IV	VE3SUB
W1TAM	WA6RAY	NO0B	W9PN	VE7IG
W7YM	WB0WAO	W0DHB	WA8TWM	VY2RU
W9CDL	WD4OHD		WX3P	W4AMP
		115	XE1GK	W4CRN
123	119	K9MMS		W5AAJ
AC7AF	AE5AU	KE6TVM	111	W8EH
K9SM	K0AWU	KF0QS	N0SLT	W9VNE
KB0GT	K1ZN	KF9AF	N8IK	XE1R
KB0STN	K2SQS	KM5FA	PC3T	
KG6DHQ	K4MSG	N7VGO	W8GBH	107
VE3TG	K7JIZ	VK9DX	WZ8P	JA3EGE
W1HS	KF7PCL	WA3BZT		K5UIC
W3SE	KP3V	WC7V	110	KF7PG
W4PRZ	KT0P		K5KR	KI9A
W5EWF	KW7N	114	K7LD	KK4LUM
W7MHW	N4UPX	AC8HU	KD5J	N3TTT
W8BI	W0QC	K2RET	KI0F	N9OI
W8KHP	W4SW	K3RTU	KP4JRS	NF0T
WA8WV	W7QQ	K9AAN	KQ4LA	US0KW
WB2RVX	WI4T	KC4GCK	KX5U	W2ODH
	WM9M	KG9Z	N5TIF	W2TTT
122	118	NF8M	N5YM	WB4PPW
K7AED	J68AS	VE1WOW	W7JET	
K7OGW	K4AZV	VE3IRR	W7UP	106
KA9JAC	KA4LBD	W2JLK		EA4DEI
KB4UF	KF6MXK	W2ZQ	109	K0MEI
KB5WFE	KI7BP	W4ALF	AK6ZZ	K5BJW
KC5UGX	KT8X	W4UFO	G4BWP	K7BWH
N5HYV	KW4BY	WO2C	IW1ARB	K7JE
VE6PY	N1QDQ	WX4US	K2DSW	KB0TIJ
VE7JAC	N3JNX	113	K2JGL	KC7ICM
WD0GTY	N5EIL	AB4PM	K2OO	KE5JXC
	NZ1I	AD5MD	K5DNL	KJ6MBW
121	TF3JB	K3DQB	K9GY	KK2DOG
AE1P	W2AC / WB2ABK	KD4BPZ	KE6GLA	N0RQ
K0MFI	W2AC/WB2ABK	KD6VCD	KJ6CA	N1USB
K4HBI	WB2KSK	KM5OL	KZ7N	N2IPH
KB2WAL		N3JDQ	N8TMW	N4CE
KB5MH	117	N4YCI	N9TTX	N5FPW
KE4JFS	AB5J	N5YK	VE3AAQ	N5YHF
NE0P/9	K4WS	W0BM	W0YJT	N8HM
UR0MC	N4USG	W8MSP	W1OP	N9XMU
W8DN	N5JEH*	W8VW	W4ZRZ	VA3OKG
WB9TFH	N5LPT	WD0ENC	W5MPC/1	VE3AJY
	NA7L		W7RJR	WB6VYH
120	NU6V	112	WB6YIY	WQ9F
EA1YO	W6WE	K2MLS	WB9W	
K2CYE	WA1TBV	K3GD		105
K4CGY				AC4Q

K4SJA	KB2SGX	N4AOE	KA0ZEE	WA2FGK
K9MAL	KC9FFV	N8VEA	KC2IEB	WA3TLT
KB3JGS	KF0AIJ	N9DVS	KC6X	WB1GQR
KC0JYT	KF4DVG	ON9CMR/W0	KD4MWO	WB2YDS
KC4KK	KR4NO	VA2LGQ	KD6RUH	WD0E
KF4DGS	N0YXE	W4LLP	KR4UA	WH6LR
KJ7TH	N1JIF	W5KBD	M5MYH	WT5H
N4NQY	VE7DXG	W7ISG	N4FV	WV5Y
N5SAN	W0TF	WB8IMY	N5OHL	
N7YY	W3LEO	WD5IYT	N7HRT	97
NE9O	W6IT		N7JPF	AB8M
PU4JOE	W6XU	100	N7TE	AJ9C
VE3VRQ		AC0FT	N8GHZ	K0HB
W8MIL	102	AI2S	N8YV	K0JQZ
W9RVG	AA9MY	AI9U	N9MKC	K0QEI
WA4MYO	AB8JH	K2UA	NB5R	K0SH
	AD6KH	K4UQC	NH6CJ	K0YQ
104	K0HAQ	K5GM	NI5W	K3HZO (FN20)
AB9YC	K3HW	K5KV	NS2P	K4GTR
AC5K	K9AM	K8IJ	VE2HAY	K4JQU
AC5RN	K9OHI	K9CC	W2HOG	K8XF
AC9QR	KA3ZLS	KB9ZLB	W2VU	KA2BSK
IK4DRY	KB8CR	KC2HLI	W5JLC	KA7EII
K5PPP	KC6WFS	KC8CC	W6TJU	KC0YBM
KB9RNO	KC8DMN	KC9CMT	WA1LAD	KD5CKP
KC2TR	KD8NYO	KD3SW	WA5TRX	KF4KSN
KD9GKL	KE1AU	KE5CVM	WB5NHX	KM4NYI
KJ7OG	KJ4M	KF0Q	WB7VVD	KT5WB
KM6WXB	KR5V	KG5X	WK5X	N1SFE
KO4LZ	N1HOQ	KJ5OA	WW2R (EL09)	N1VMJ
N0STP	VE7ZD	N3TBB		N3UMA
N1LDY	W4RVZ	N4NIA	98	N4BH
N2FBQ	W5DPT	N5RZK	AC2RL	N5OTY
N3UPS	W5OV	N5XTR	AD8Y	N6MA
N7AGF	W7UT	N7EME	K0KC	N9APK
NJ1H	W9NFL	N8COP	K0UD	N9IO
VE2PIJ	WA8EQP	N8XS	K3IXD	N9KY
W1TE	WB5FDP	VP2MRM	K3QIA	NK7C
W1ZE		W2CH	K4OP	NU0Y
W4KVS	101	W4/KL7GLL	K5HOB	VA3FIN
W6ZQ	AE7V	W4OZK	KA1EKR	W3QT
W9EBK	K0RAR	W8BZY	KE4LGL	W4CWA
W9MDB	K0SBV	W9DQ	KG4YOU	W4DAS
WB2VUO	K0WJ	WA5TLP	KG7E	W4ID
WB8BZK/VE3	K2NUD	WV9E	KJ2G	W7DN
WG3K	K5DWI		KK0CQ	WA6OSX
	K5HX	99	KY0Q	WA9LEY
103	K7SYS	AB0SD	N0JJQ	WB8RVK
AA5CK	KB4KBS	AB3TM	N1JHJ	WB8ZTV
AB0YM	KC6AWX	K0YO	N3LRP	WB9PNU
AB5SS	KC8CSD	K4KEW	N5TEY	WE8L
K2OY	KG8WB	K4WQ	N8AID	
K4MVL	KG9IL	K4ZO	NO5X	96
K6USY	KL2R	K5VPQ	NO8R	AD5OW
K8ZEE	KR4WM	K7DD	VA3VF	AE4TQ
KA1W	KR7LD	K7PAP	W2KRP	AK4F
KB0FHP	N1IX	K9ZZE	W6TE	K2CK

K2UF	N5ENU	N6MXU	W0MHK	K8OI
K2UNK	N5KI	N7NH	W2VTV	KB2YWU
K4EQH	N9IV	N7UN	W3ZGD	KB3IAI
K5CRJ	N9LJX	N8WWM	W4GPM	KB3NDS
K8EMR	VA3KS	N9DD	W5DMT	KB7AZ
K9OT	VA3PZ	N9UNX	W7EIR	KC5POV
KA2NDX	VE3KZ	VA3MA	W7TRX	KC8LGL
KA3HED	VE3SPW	VE3RX	W9IFW	KE1IU
KB5GI	W3UA	VE5MX	W9NED	KG4QWC
KB8PNS	W4YZJ	VE7AB	W9WI	KI3O
KC0HBP	W5ADA	W2GR	WA5ICA	KI5BLU
KD6PY	W5CBF	W3IPA	WB5CON	KM7N
KI5TE	W5RCQ	W3TA		KM9I
KM2O	W7JWC	W4LNG	92	KQ6K
KM5NU	W9SX	W5ODD	K1EY	N3PPH
KS4V	WA2ONK	W5PUF	K5GDX	N3WCM
KT5RR	WA3I	WA7LHZ	K5TDA	N7CZ
N0WVU	WA4WR	WA9BXB	K7FU	N8DEZ
N2LID	WB2SIH	WT9U	K7HKR	NR4J
N2VHZ	WD8DOT	WV7S	K7UWR	NU4N
N2XK	WS4S		KB0PQP	OE9KFV
N8PAQ	XE2AT	93	KC4JNW	VA2BBW
N8YBY		AG2A	KD4QMY	W2SUB
NT2A	94	AG6CV	KE4WBO	W4MLN
NW5Q	AA4RP	AI8F	KG4URP	W5KDA
NY2Z	AB4VT	K0IW	KR7X	WB0NRV
VE2DCP	AD1DX	K1PTF	N0RC	WB7X
W1HMM	HK4SAN	K1ZK	N2SG	WC4V
W4KK	IK8YTA	K2AK	N3GH	XE1GZU
W4TMR	K0ARM	K2MTS	N4VN	
W7JHS	K3BEE	K4DAM	N5QO	90
W8DM	K3TUF	K5TRI	N6FD	AA0LM
WA3EEC	K4JRK	K6RM	N6RPM	AB4WL
WB0M	K4LDC	K7IP	N7DED	AB9DU
WB5KJE	K4NNX	K7TRK	NS6E	AF5BG
WP4LNY	K8GT	KB0USF	UT5JAJ	DL1SMA
	K9DOG	KC5TGT	W1PV	JH4JNG
95	K9SUL	KC5TT	W2ACY	K1HC
AE0G	KA2F	KC9TTR	W2CVW	K1KA
AE5EO	KA9UVY	KC9UL	W3ACO	K3CWF
K1PNQ	KB7AK	KD0QG	W3HZU	K3UAL
K4ED	KC0AUY	KE6AZX	W4BP	K4AAP
K8KFJ	KC3AK	KE6UMW	W4LIA	K4FTP
K8ME	KD4VRZ	KE8RPJ	W6NS	K4XZ
K8VD	KE3WM	KI0J	W8JV	K8EAB
KD7WH	KF0LA	N2BX	WA3JKB	KA5TJI
KD8DR	KG4NLZ	N2YTF	WA4EEZ	KB5FHK
KD9ZR	KU4JZ	N3AO	WM3O	KB7BSA
KF6XA	KV3W	N3ZBK		KK4DZP
KI0SK	N0LNE	N4GOA	91	KW3DX
KW9U	N0LP	N4YHC	AA0CW	N2ULL
N1XK	N2SU	N7EGY	AD3Y	N4BRF
N2SLO	N3JBH	N7JI	CO2WZ	N5BA
N2WLS	N3XBG	N7KSI	K1UR	N9JJ
N3WAV	N3YUG	NA9D	K4SPA	N9MSG
N4ET	N5ZMP	VA7QI	K6YK	VA3XOV
N5BLY	N6HY	VE3WMD	K7HPN	W9CPV

W9CSY	K7CTV	86	83	79
W9HBH	K7WV	AG1T	AA6E	K4RW
WA2BEV	K7ZYV	K7FB	DL5XJ	K5JBT
WA8OJR	K9JF	KA9OKH	K1LH	KP4N
WD9HCF	KB2KIR	KB7JJG	K4SQC	N2COP
WE7H	KC1GWX	KI6HQT	K6JJ	N5YJZ
WEST SEATTLE AM	KC3MLC	KN4MMH	K8SIA	N9RC
WH6LE	KE7RTB	KP4TB	KB3HHA	VE3CFK
WT4C	KE8UM	KT1R	KB9LIE	W2GW
XE3/K5ENS	KI2D	N2NF	KK7BV	W2SKI
	KI4RFM	N3MVF	KU4WW	WN0L
89	KJ4KW	N6PM	TG9AKH	
AB1TZ	N1CEO	N8TFD	W7USB	78
AG2AA	N2MKT	NZ3O	WD6T	K2QPN
AG7NR	N2ZN	VA3MDB	WD9IOK	TG9AWS
G4NBS	N4CAG	VA7LM	WI6Z	W4NE
JQ1TIV	N4GN	W8IW	XE1MM	
K4BMM	N4KIN	WA1PMA		77
K5CX	N4UC	WA4USA		K1IFJ
K5JAZ	N5VBK	WB4GCS		MI0AYR
KA0MWA	NS3X	XE2AU		
KF4TVL	NT4TN		82	
KI0G	VE2VLJ		AD4IE	
KI4FW	W2BZR	85	CB0ZA	76
KI4US	W3YX	EI3IO	K3RJK	K0WYN
KO4PRE	W4DL	K1UU	K4JMX	KI4CYB
KR4U	W4RXR	K4LRP	KA5WSS	KI7WXP
N2GZ	W7HDD	KB3MXK	KC5YKX	N1GNB
N5KAE	WA2BTR	KC0V	KG4KVZ	N2MH/4
N8YSZ	WA5MD	KE4DRF	N1SF	
N9RG	WK3N	KK4AND	PU8TEP	75
N9UDX	WV8O	N2RJ	W5DAS	G4RGK
NE2U	XE1SOV	N4LS	W7YOZ	K3PP
VE3VCF		NJ1Q	W8GG	K8QM
W0HRO	87	VE3GFN	WA2ONG	N5GH
W1HY	AC0A	VE7DAY		NP3YL
W2JEK	AG4I	W1WV	81	W5UC
W2OK	K4JC	W3STU	AB4I	WP4NEG
W4ZMM	K5UZ	W4IT	KE4DZU	ZL3AAU
W6VNQ	K5WO	W4RA	N6MM	
W9HT	K6UIP	W6ST	N7NEV	74
WA7SDI	KB1VUN	W7SIR	NI4Y	AK8B
WB3IAL	KC8NAH	W8DQ	W3MC	CX4AAJ
WM6Y	KE6WOX	W9QY	WA4ZXV	KF2TI
WQ5C	KI6RRD	WA4WKL	WA8ZNC	LU4FPZ
WR5AY	N0ELA	WD4LSS	XE1EE	TI2CDA
XE2NL	N2CJN	WF4R		VE6SO
XE3DX	NA5DX		80	VK4CZ
	NE5S	84	AC6BW	WC6DX
	NI5F	CT3FT	K7FR	
88	NN7RM	K4EZY	KE4PT	73
AA4QE	W8GOC	KE6NDG	KR4Q	G4FKA
AE0DX	WB3IGR	N1KI	KW1DX	JF1IRW
AE4OF	WB8JAY	N2NWS	N2NS	SV1RK
AF4MI	WF4W	VE2WBK	UW5ZM	VP2MJD
K1RS	XE1RBV	W8PU	VY2HF	W4WT
K3TN		W8SGR	W5TTY	
K4XD		ZS6NK	W6TCP	72
			W7AM	AB1QB

N4II PV8ADI	K4DXA N6ZDH SP5QWB	48 G8BQX JA9KRO KI5KC N6DBF NP3IR YY4DNN	JH9DRL OH4UI	LA6OP ON6AB PA7TWO
71 HB9EFK K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	61 CU3AN N0GVK UX1UA	47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA HA5PT LU9DO	23 GM4ILS HB9G K4SLC KP4EIT W8MK
70 GI4SJQ K4BNC KC0ZRX W2LV W2QO W4GP	60 IZ4DPV KP4JFR S55DX UR9QQ	46 LU2DX	34 G4SEU HB9ALO LA2QM UR5WA	22 9H1SP IZ3ENH
69 K3WGR WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	21 EA1YN
68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	32 N3LRH SM6WET ZL3TE	20 CX1FK DM2RM HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA
67 W7YED	56 KI5WA LU8ADX NI6T US5WE	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	30 E72X JL3LSF JO7WXN WA6DNR	19 EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
66 K6KLY KK4YEL	55 JL3MCM LA3MHA WA2EMF	41 K0BBC/R N6PAZ	29 HL2WA OE4VIE SP5APW	18 AJ6V KJ4EU OE3SGU W0HBH
65 JA1XEC K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	40 E75AA JF1LMB JR0QFA WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP	17 G3LZQ PY2XAT W0JM
64 JG2TSL WD5GRW (EM13QO)	53 K0BBC PP1CZ	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX	16 N6VHF
63 EA1DR KB0RFY	51 CT1ETE N8OFS OE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF
62 HL2EIZ IZ8EDJ	50 N6DW	37 BA7NQ JA9APS	25 EA4/K1WE	
	49 N8MR	36 JA1WSK	24 EI2JD F1RAF F4BDG KS4YX	

PY2RN	G6BFP	4	GI4ONL	SP7EXY
SV8CKM	IK3ITB	CT7/RC2A	IK1IYU	SQ5NRY
UT3UA	JA1MZL	EK/RX3DPK	IK2GOQ	UN8G
UX0DL	JA2FGL	F1DFR	IZ8XQC	UR5EDX
WC2C	JE1LFX	IV3GOW	JA6AVT	VR2VGM
	KB4YKC	JG1JPE	JA6SZV	WB7VUF
14	KD3UY	JH7IMX	JA9FAI	YO8WW
HB9FMN		JH7IPR	JP1HDK	
JA2XCR	8	JK6DXD	K7LY	
KB8DVT	DK2LO	S51NM	KEN IN NEBRASKA	
PA7RA	JA1CPU	UT5EL	LA2CQ	
PV8RR	JE3PCP	VK4ZP	OH3KAV	
PY2OC	N8RO	XE1SAX	SV1XV	
W9TTY	OH8LXT		SV3FUO	
		3	YB2DX	
13	7	DF1ZN	YL2KF	
K4WY	G8APB	DJ5AV		1
PY2MC	HB9GWJ	DL2KQ	3A2MW	
W4PWF	IZ0INX	EA1AR	9A2EY	
	JA2NDQ	EA4D	BD4UJ	
12	JJ2UDK	G3LHJ	CT1AHU	
EA3GP	JJ2NWI	GM4CFS	DH8BQA	
F4ESV	LA3DV	HA9PP	DJ3ZF	
HB9DDZ	N5ORT	HL2ZN	DL2DCX	
IK2RPE	NJ4Y	IK0WRB	DL4ZAB	
JE2UFF	ZS4TX	IK8EPC	EA3WD	
JK1UNZ		IW3GJF	EA4GQS	
JN1RQV	6	JI1CHH	G4VSS	
N1IW	CT2FEY	JM1GHT	G6MXL	
ZS6WB	DH0GSU	JN1BPM	G7SQS	
	DL1TRK	JR6IQI	G8TTI	
11	DU0A	KC0Y	IK5BSC	
A65BR	EA8MT	PY5IP	IW0AFS	
DL1TS	EI2JC	SA7CJO	IZ0BTV	
DL2OE	JA7NGE	SV1VN	IZ2CSX	
EA4DAU	PY2VA	W1CBY	IZ3DBA	
EA4ZK		WD9EWK (DM43)	IZ5FSA	
G4CTY	5	YB1TJ	JA1GZK	
IZ4GWE	DL5LH	YL2CA	JA7DPC	
JA2KVB	EA1AAA	YL2MU	JA7VXB	
JA6QHJ	EA7ZY		JH8XVT	
PY2DV	IK8GYS	2	JI1HNC	
PY2GM	JJ5USJ	5B4ALJ	JJ1PFC	
SP5XMU	JJ1IDW	6K5XZE	JL2ULM	
	KB8VAO EN91KT	7J1ADJ	JN3ONX	
10	M1VPN	9A2GA	KC3KJQ	
DL4CF	MU0GSY	9K2NO	KG4JSZ	
HB9BOS	OK1IN	BV6CC	KH6WI	
PA5KT	ON5UE	CO6CBF	KP4DER	
SV2DCD	PP2RON	DF8FT	MM0INH	
TF3Y	SK6QA	DK1CO	OK1UU	
UR7DWW	VE2NGH	EH4BPJ	ON6NA	
	VR2XMT	ES8JX	OZ1IKY	
9	W1ZR	F5TMJ	PU5SVE	
DL7BA	W2ZF	G0THY	SM3GBA	
EB1EWE	YL2CZ	G4DDL	SM6LPG	
EC7ZK		G8GNI		