

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	W0JW	WD5COV	AE5B	465	455
AA0MZ	W0LGQ	XE2CQ	AF5CC	XE2K	WA9DU
AA5AM	W3CP				
AA5C	W4UDH	485	477	464	453
AA7A	W5ADD	K9MU	KC7V	AJ4F	K4YMQ
AI5I	W5AFY	N0POH	N5KO	KB9OWD	K7PI
K0GU	W5AJ	W5VY	N7ZO		KB9DAK
K1TOL	W5EME	W5ZN	NC6K	463	
K4PI	W5FF			K4MY	452
K4XO	W5KI	484	474	W5XC	N5BO
K5RK	W5OZI	AD6D	K7KQA		N9BX
K5UR	W7GJ	K7BG	W6XK	462	NE1B
K5WE	W7JW			K6ZH	
K7CW	W7KNT	483	473	N6ORB	451
K7ULS	W7MEM	AC0RA	N4TB		K5WBM
K8SIX	W9FF	K1USA	NQ7R	461	KD3CQ
K9CT	W9JN	W0VTT	WB0O	N4JQQ	
KA9CFD	W9RM	W5TRL		NA9RB	450
KA9FOX	W9XX	WB0ULX	472		KF8MY
KD5M	WD5K		AI1K	460	
KG5CCI	WQ5S	482	KB7ME	K4SO	449
KM0A	WS9V	K0BJ	ND4X	KF0M	KF6HI
KM0T		KX4R	WD8JJA		W8TN
KO9A	487		WE9R	459	
KR7O	K0SIX	481		N5NA	448
KV5W	K1TO	KC7QY	470		KP4AJ
N0LL	K7MAC	W9VHF	WO7R	458	W3LPL
N0LWF	K9YY	WA7HQD		K9NW	
N0PB	N0AKC		468	KG5THG	447
N0TB	N7CW	480	VE3EK	N9BCA	AH0U
N1AV	N7IR	K5GZR		NA6MG	K3SX
N3SL	N9ISN	N4WW	467		KS7S
N3XX	NA6L	XE2OR	N5EKO	457	N2NL
N5DG	W3IP		NY0V	K4HB	N4SC
N5OMG		479		NI0G	WB7CJO
N6JV	486	N5WS	466	W3UR	
N7NW	K0TPP	W5WVO	KA0JGH		446
N9LB	K5ND	W9RN	KB6NAN	456	K1HTV
N9UM	KY7M		WB9CIF	N4QS	K6EID
ND0B	N0KE	478	WX7M	N9PGG	
W0FY	N7KA	AD1C		W5THT	

445 K4XP KU7Z N4LR N8OC WB8ZBT XE2X	433 W3LL W9WO	WW1L	N4UFO	392 AF4HX W6OMF	WA5LFD
	432 K6GXO N6KK	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A W4AVY	379 AB9BH N8WNA W6TMD
444 N7BAV	431 K0TLM	415 K5OMC K7AWB W0GJ	404 K8JH N2ZX VE4EAR W5SUM	390 KZ2I	378 WR7X
443 AB4IQ K8ZM N4MM	430 K1TEO	414 K0DEQ N0GZ W4TV	403 NH6T/W4	389 AB4SF	377 AB1OC NT9E WA1NLG
442 AG9S N2QT N4TL	429 K8ZR WA5JCI	413 AE5FM WA9LFO	402 K3FM K7SMA	388 K0IP W4WRL	376 K8GI K8VFX N2WK N3OC
441 K8TB K9KLD WA1EAZ	427 K4ZOT W0RH	412 VE2XK 6M FN07R4	401 K5CKS	387 KV4T N4CH	375 K6QG WB4OQX
440 W2IRT	426 N5OK W5JAY	411 N9EAT NZ3M	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
439 NM5U	425 K6ML	410 KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	373 K4SSO
438 K9MK	424 N4UFP N9AKR W3EP WB8BPU	409 AA1ON N1EVK N5SYV	396 K6VHF KB8U	384 K8ROK W7FI	372 JA7QVI
437 K5RT KK4MA N5TJ	423 AJ4A W4DR	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	383 KI0E W5MO	371 N3PS WA6BYA
436 N4QWZ N9FN W3TC WB8ART	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	394 AA5JF K2TER K6RO KT8O	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
435 K5XI KF6A	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB KB0V	393 K1GG K7XC KV7N	381 AG4W W3VZ	369 KF8UN N2DPF
434 K1SIX K8ROX	417 NJ6D			380 K7MCX NE6I	

368 K0DD W5RCI W6GMT	355 KD5XB	N3RC N6KZ W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR
367 AA4ZZ KC4HW KR4BD W7YAAQ	354 N3AIU (DM45)	341 KD7DCR N8HRZ NX7U WA7YAZ		326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO
366 KI7JA	353 AF2K K0CS		333 AA4LR K0TC KM4HI KN4NN N0IGZ W3GQ	325 WA2AEY WX0Z	314 KU4XO VE3XN
365 K4JJW K7XB KG7CW W4FC	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	340 KE4TH N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
364 AB5EB K0RAR N6QQ	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
363 W4NH	349 KA0BAD	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
362 W1JR WA5OLT	348 NJ7G				
361 AC9DX K8BL K9NR N1KDO N8KOL NG4C	346 N9XG W8LMG W8OP	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 NC7B NS4C W9VA	310 K1ST N1NK W9KVR WO4DX
360 AA4FF K6UM (CN85) W0NOZ	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC		320 N4DW	309 AA9RR
358 K5RLA K6EME KG8P NK0S	344 K6FW KB0PE N8LRG W1OW		328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US	308 WA4HFN
357 K4LVV	343 AB4EJ K5EK		327 KJ5RC	318 W4HY	307 AG1A KE5K W3ATV W9RPM
				317 KA8SYV W1SKU W3HDH	

306 K4QE N0LD WB00QV WV9L	297 JG1TSG KE8Y KG5EIU N8YQX N9LF	W4LTJ XE1YY	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ
305 K3VAT K6UM (CM88) KT1J WA9M	296 K4XR K6YUI KC7RW	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP
304 K6IPF NS4T WA0GUD	295 KE4P N6AR N7NT	287 K8DP KC7MRQ N8CGY WA4NVM	285 AB0S K5CZD K9UO KK0DX	277 AC7JM K5KEW PV8DX	260 K6JAD N6HC NT7C XE1YD
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 HC1BI K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN WB9PNU	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI	283 N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K1NJ K2HAT NA2NY WB7ECS
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 K0CAO KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS W7CT	256 JM1IGJ KL7NW
299 DK8NE VE6WK W1LE W8UV WB5GVY	290 JE1BMJ WA8EFK	280 AD7OV N0KV NM5Z W1FKF	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	
298 KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G		271 K7NII KB7FUV W3HHN W3SW	263 AK4PR K9AAA WB7QBS	

N8ZJN	247 JA1UAV N5DD W3TEF	KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	KF6GYM W9XT	224 JA8ISU NJ8J	N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL N13K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL VE3SYK WA7AJ
253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW KK8MM N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP
250 AA9LC KL0S NW6R	241 N6NU W5LO	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	
249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 AB5GU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 IT9IPQ K5FO N9NJY WA2OTC	225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
248 K1ZZ W6VFA	239 K9MQ	231 AI9L K4MIJ K6HEW	216 K7RB N0IS		

208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KQ0J	N9MSG NY0A W4RBO W9BS WJ1B	NP4BM W5AFD WA5IPS WW2R
207 N1BCL N8NJA		193 K7PT K9AB	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
205 AF4OD K8SD KE4HOA N5ITO W8QID	199 N3KFB W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	173 K2ZZ K5YPV KE4SCY
204 LU2DX WA3DRC	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	190 K5DB K5ER KC2DLD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT		172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV	189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
202 K1BZ K5GJR WC7X WF8Z WQ5W	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V

169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	N5XZ	155 AE4M CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	149 AB6CF K4SAN KK9H W3UA WB4VHF	K8WU N9DI W5MPC WO7GI YV4NN	W4TUN W6DQ WA4KXY
168 KG5ZMQ KS9J W2PD W8WEJ	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO		148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNI (CM88) WB6RAB	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V
167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KD2NF KW4OV W3ZQN			138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
166 I0WTD JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 AB1QB JA1AFR K5IQ	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHZ W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
165 K4DXT KD5HPT N1JFU N3FX W0RIC	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	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
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	151 KO0Z OE6IMD W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK
163 K2JF K2YSY	156 K2KJ K9OHI N3RN N9KO VE7VDX	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN		

WW2DX	NO8D	125	VE7JAC	KF6MXK	VE3IRR
XE1H	VE1DX	AA7DK	WD0GTY	KI7BP	W2JLK
	VE2TZX	K3PU		KT8X	W2ZQ
134	W0PHX	KC5DRI	121	KW4BY	W4ALF
AB1NS	W2LES	W2AJM	AE1P	N1QDQ	W4UFO
AB4GE	W3FEY	W3UQH	K0MFI	N3JNX	WO2C
C6ABB	WA2SEI	W4DFU	K4HBI	N5EIL	WX4US
GM4UYE	WB4YDL	WA6POZ	K6USY	W2AC / WB2ABK	
KE5FXE	WW5W	WB4OMM	KB2WAL	W2AC/WB2ABK 113	
KF6UFO		WE1P	KB5MH	WB2KSK	AB4PM
N3AIU (DN70)	129		KE4JFS		AD5MD
N8GOU	8P6ET	124	NE0P/9	117	HB9BZA
W4TKI	JF4VZT	K0DLW	UR0MC	AB5J	K3DQB
WA3WZR	K0KD	KB0HH (EM06)	W8DN	K4WS	KD4BPZ
	K5QWO	KD5FTD	WB9TFH	N4USG	KD6VCD
133	KC8KSK	KM1C		N5JEH*	KM5OL
KA5ETS	KF4NEF	KT5MR	120	N5LPT	N3JDQ
KC1RET	KM5LY	N0SL	EA1YO	NA7L	N4YCI
KE1VT	KM5SC	N9AZZ	K2CYE	NU6V	N5YK
KM8V	N9WBR	PV8AAS	K4AU	W6WE	W0BM
W0RT		W0PE	K4CGY	WA1TBV	W8MSP
W4GE	128	W1TAM	KD0R	XE2PXN	W8VW
WI5D	JR2LJO	W6SCQ	KD4MZM		WD0ENC
WW7Q	KC7QAG	W7YM	KD5BRF	116	
XE2O	KJ6SDF	W9CDL	KE4SCY (FM06)	IK7EOT	112
	KN4DMN	WL7OU	N3YPJ	K4RGN	EA4DEI
132	N1SFE		VE1JC	KI6QDH	K2MLS
AB3CV	W0WT	123	VE3XK	KU5B	K3GD
IC8TEM	W5ZO	AC7AF	WA6RAY	N0VR	K5WTA
K5VG	W8FR	K9SM	WD4OHD	NO0B	KA7T
KW4G	WB2WEO	KB0GT		W0DHB	N5HMH
N4PPH		KB0STN	119		W1TR
N7TP	127	KG6DHQ	AE5AU	115	W5DQ
N8IK	AA9RK	VE3TG	K0AWU	K9MMS	W6OAT
NE1I	K3GYK	W1HS	K1ZN	KE6TVM	W7IV
VE3TM	K7UV	W3SE	K2SQS	KF0QS	W9PN
WN6K	K8AC	W4PRZ	K4MSG	KF9AF	WA8TWM
	K8OS	W5EWF	K7JIZ	KM5FA	WG3K
131	KB3OZC	W7MHW	KF7PCL	N7VGO	WX3P
JR1BAS	KB9TLV	W8BI	KP3V	UW5ZM	XE1GK
K3NAT	KC0RQH	W8KHP	KT0P	VK9DX	
KG9R	N6UTC	WA8WV	KW7N	WA3BZT	111
N2CJ	VE2JWH	WB2RVX	N4UPX	WC7V	N0SLT
TF3JB	W1FLD		W0QC		PC3T
	WA6BIL	122	W4SW	114	W8GBH
130		K7AED	W7QQ	AC8HU	WZ8P
AB0X	126	K7OGW	WI4T	K2RET	
JA3LZS	KJ7G	KA9JAC	WM9M	K3RTU	110
K0GUR	N0BDS	KB4UF		K9AAN	G4BWP
K4JKB	N7DGI	KB5WFE	118	KC4GCK	K5KR
K8LG	WB4HUC	KC5UGX	J68AS	KG9Z	K7LD
KC4NX	YL2AO	N5HYV	K4AZV	NF8M	KD5J
NG9R		VE6PY	KA4LBD	VE1WOW	KI0F

KP4JRS	NF0T	IK4DRY	AD6KH	100	M5MYH
KQ4LA	US0KW	K5PPP	K0HAQ	AC0FT	N4FV
KX5U	W2TTT	KB9RNO	K3HW	AI2S	N7HRT
N5TIF	WB4PPW	KC1LXO	K9AM	AI9U	N7JPF
N5YM		KC2TR	KA3ZLS	K2UA	N7TE
W7JET	106	KD9GKL	KB8CR	K4UQC	N8GHZ
W7UP	K0MEI	KJ7OG	KC6WFS	K5GM	N8YV
	K5BJW	KM6WXB	KC8DMN	K5KV	N9MKC
109	K7BWH	KO4LZ	KD8NYO	K8IJ	NB5R
AK6ZZ	K7JE	N0STP	KE1AU	K9CC	NH6CJ
IW1ARB	KB0TIJ	N1LDY	KJ4M	KB9ZLB	NI5W
K2DSW	KC7ICM	N2FBQ	KR5V	KC2HLI	NS2P
K2JGL	KE5JXC	N3UPS	N1HOQ	KC8CC	VE2HAY
K2OO	KJ6MBW	N7AGF	VE7ZD	KC9CMT	W2HOG
K5DNL	KK2DOG	NJ1H	W4RVZ	KD3SW	W2VU
K9GY	N0RQ	VE2PIJ	W5DPT	KE5CVM	W5JLC
KE6GLA	N1USB	W1TE	W5OV	KF0Q	W6TJU
KJ6CA	N2IPH	W1ZE	W7UT	KG5X	WA5TRX
KZ7N	N4CE	W4KVS	W9NFL	KJ5OA	WB5NHX
N8TMW	N5FPW	W6ZQ	WA8EQP	N3TBB	WB7VVD
N9TTX	N5YHF	W9EBK	WB5FDP	N4NIA	WK5X
VE3AAQ	N8HM	W9MDB		N5RZK	WW2R (EL09)
W0YJT	N9XMU	WB2VUO	101	N5XTR	
W1OP	VA3OKG	WB8BZK/VE3	AE7V	N7EME	98
W4ZRZ	VE3AJY		K0IN	N8COP	AC2RL
W5MPC/1	WB6VYH	103	K0SBV	N8XS	AD8Y
W7RJR	WQ9F	AA5CK	K0WJ	VP2MRM	K0KC
WB6YIY		AB0YM	K2NUD	W2CH	K0UD
WB9W	105	AB5SS	K5DWI	W4/KL7GLL	K3IXD
	AC4Q	K2OY	K5HX	W4OZK	K3QIA
108	DS4EOI	K4MVL	K7SYS	W8BZY	K4OP
CF3VRQ	K4SJA	K8ZEE	KB1JDX	W9DQ	K5HOB
JA9IPF	K9MAL	KA1W	KB4KBS	WA5TLP	KA1EKR
JP7EIP	KB3JGS	KB0FHP	KC6AWX	WV9E	KE4LGL
K5OPB	KC0JYT	KB2SGX	KC8CSD		KG4YOU
N3MWQ	KC4KK	KC9FFV	KG8WB	99	KG7E
VE3SUB	KF4DGS	KF0AIJ	KG9IL	AB0SD	KJ2G
VE7IG	KJ7TH	KF4DVG	KL2R	AB3TM	KK0CQ
VY2RU	N4NQY	KR4NO	KR4WM	K0YO	KY0Q
W4AMP	N5SAN	N0YXE	KR7LD	K4KEW	N0JJQ
W4CRN	N7YY	N1JIF	N1IX	K4WQ	N1JHJ
W5AAJ	NE9O	NF6P	N4AOE	K4ZO	N3LRP
W8EH	PU4JOE	NN2D	N8VEA	K5VPQ	N5TEY
W9VNE	VE3VRQ	VE7DXG	N9DVS	K7DD	N8AID
	W8MIL	W0TF	ON9CMR/W0	K7PAP	NO5X
107	W9RVG	W3LEO	VA2LGQ	K9ZZE	NO8R
JA3EGE	WA4MYO	W6IT	W4LLP	KA0ZEE	VA3VF
K5UIC		W6XU	W5KBD	KC2IEB	VE4XTZ
KF7PG	104	XE1RBV	W7ISG	KC6X	W2KRP
KI9A	AB9YC		WB8IMY	KD4MWO	W6TE
KK4LUM	AC5K	102	WD5IYT	KD6RUH	WA2FGK
N3TTT	AC5RN	AA9MY		KG9AP	WA3TLT
N9OI	AC9QR	AB8JH		KR4UA	WB1GQR

WB2YDS	K2UF	KI0SK	KF0LA	KD0QG	N6RPM
WD0E	K2UNK	KW9U	KG4NLZ	KE6AZX	N7DED
WH6LR	K4EQH	N1XK	KU4JZ	KE6UMW	NS6E
WT5H	K5CRJ	N2SLO	KV3W	KE8RPJ	UT5JAJ
WV5Y	K8EMR	N2WLS	N0LNE	KE9V	W1PV
	K9OT	N3WAV	N0LP	KI0J	W2ACY
97	KA2NDX	N4ET	N2SU	KK7MNC	W2CVW
AB8M	KA3HED	N5BLY	N3JBH	N2BX	W3ACO
AJ9C	KB5GI	N5ENU	N3XBG	N2YTF	W3HZU
K0HB	KB8PNS	N5KI	N3YUG	N3AO	W4BP
K0JQZ	KC0HBP	N9IV	N5ZMP	N3ZBK	W4LIA
K0QEI	KD6PY	N9LJX	N6HY	N4GOA	W6NS
K0SH	KI5TE	PY2KP	N6MXU	N4YHC	W8JV
K0YQ	KM2O	VA3KS	N7NH	N7EGY	W9HBH
K3HZO (FN20)	KM5NU	VA3PZ	N7UN	N7JI	WA3JKB
K4GTR	KR4EE	VE3KZ	N8WWM	N7KSI	WA4EEZ
K4JQU	KS4V	VE3SPW	N9DD	NA9D	WM3O
K8XF	KT5RR	W4YZJ	N9UNX	VA3JFF	
KA2BSK	N0WVU	W5ADA	VA3MA	VA7QI	91
KA7EII	N2LID	W5CBF	VE3RX	VE3WMD	AA0CW
KC0YBM	N2VHZ	W5RCQ	VE5MX	VK5PJ	AD3Y
KD5CKP	N2XK	W7JWC	VE7AB	W0MHK	CO2WZ
KF4KSN	N8PAQ	W9SX	W2GR	W2VTV	K1UR
KM4NYI	N8YBY	WA2ONK	W3IPA	W3ZGD	K4SPA
KT5WB	NT2A	WA3I	W3TA	W4VG	K6YK
N1VMJ	NW5Q	WA4WR	W4LNG	W5DMT	K7HPN
N3UMA	NY2Z	WB2SIH	W5ODD	W5DWA	K8OI
N4BH	VE2DCP	WD8DOT	W5PUF	W7EIR	KB2YWU
N6MA	W1HMM	WS4S	W7NX	W7TRX	KB3IAI
N9APK	W3VHF	XE2AT	WA7LHZ	W9IFW	KB3NDS
N9IO	W4KK		WA9BXB	W9NED	KB4YKC
N9KY	W4TMR	94	WT9U	W9WI	KB7AZ
NK7C	W7JHS	AA4RP	WV7S	WA5ICA	KC5POV
NU0Y	WA3EEC	AB4VT		WB5CON	KC8LGL
NV3K	WB0M	AD1DX	93		KE1IU
VA3FIN	WB5KJE	AK8CW	AG2A	92	KE7RTB
W3QT	WP4LNY	HK4SAN	AG6CV	K1EY	KG4QWC
W4CWA		K0ARM	AI8F	K5GDX	KI3O
W4DAS	95	K3BEE	K0IW	K5TDA	KI5BLU
W4ID	AB9AI	K3TUF	K1PTF	K7FU	KM7N
W7DN	AE0G	K4JRK	K1ZK	K7HKR	KM9I
WA6OSX	AE5EO	K4LDC	K2AK	K7UWR	KQ6K
WA9LEY	IK8YTA	K4NNX	K2MTS	KB0PQP	N3PPH
WB8RVK	K1PNQ	K8GT	K4DAM	KC4JNW	N3WCM
WB8ZTV	K4ED	K9DOG	K5TRI	KD4QMY	N6DW
WE8L	K8BB	K9SUL	K6RM	KE4WBO	N7CZ
	K8KFJ	KA2F	K7IP	KG4URP	N8DEZ
96	K8ME	KA9UVY	K7TRK	KR7X	NR4J
AD5OW	K8VD	KB7AK	KB0USF	N2SG	NU4N
AE4TQ	KD7WH	KC0AUY	KC5TGT	N3GH	OE9KFV
AK4F	KD8DR	KC3AK	KC5TT	N4VN	VA2BBW
HB9EFK	KD9ZR	KD4VRZ	KC9TTR	N5QO	W2SUB
K2CK	KF6XA	KE3WM	KC9UL	N6FD	W4MLN

W5KDA	KI0G	N4UC	VA7LM	KK7BV	79
WB0NRV	KI4FW	N5VBK	VE7IRU	KU4WW	K4RW
WB7X	KI4US	NS3X	W8IW	N5PD	K5JBT
WC4V	KR4U	NT4TN	WA1PMA	N6KTH	KB4DSL
XE1GZU	KT3X	VE2VLJ	WB4GCS	SV2AEL	KP4N
	N2GZ	W2BZR	XE2AU	TG9AKH	N2COP
90	N5KAE	W3YX		W7USB	N5YJZ
AA0LM	N8YSZ	W4DL	85	WD6T	N9RC
AB4WL	N9RG	W4RXR	AC9GK	WD9IOK	VE3CFK
AB9DU	N9UDX	W7HDD	EI3IO	WI6Z	W2GW
AF5BG	NE2U	WA2BTR	K1UU	XE1MM	W2SKI
DL1SMA	VE3VCF	WA5MD	K4LRP		WN0L
JH4JNG	W0HRO	WK3N	KB3MXK	82	
K1HC	W1HY	WV8O	KC0V	AD4IE	78
K1KA	W2JEK	XE1SOV	KE4DRF	CB0ZA	IZ8EDJ
K3CWF	W2OK		KK4AND	K3RJK	K2QPN
K3UAL	W4ZMM	87	N2RJ	K4JMX	SP5QWB
K4AAP	W6VNO	AC0A	N4LS	KA5WSS	TG9AWS
K4FTP	W9HT	AG4I	NJ1Q	KC5YKX	W4NE
K4XZ	WA7SDI	K4JC	VE3GFN	KG4KVZ	
K8EAB	WB3IAL	K5UZ	VE7DAY	N1SF	77
KA5TJI	WM6Y	K5WO	W1WV	PU8TEP	K1IFJ
KB5FHK	WQ5C	K6UIP	W3STU	W5DAS	MI0AYR
KB7BSA	WR5AY	KB1VUN	W4IT	W5DM	
KK4DZP	XE2NL	KC8NAH	W4RA	W7YOZ	76
KW3DX	XE3DX	KE6WOX	W6ST	W8GG	K0WYN
N2ULL		KI6RRD	W7SIR	WA2ONG	K6MAA
N4BRF	88	N0ELA	W8DQ		KI4CYB
N5BA	AA4QE	N2CJN	W9QY	81	KI7WXP
N9JJ	AE0DX	NA5DX	WA4WKL	AB4I	N1GNB
VA3XOV	AE4OF	NE5S	WD4LSS	DF3CB	N2MH/4
W9CPV	AF4MI	NI5F	WF4R	KE4DZU	
W9CSY	K1RS	NN7RM		N6MM	75
WA2BEV	K3TN	W8GOC	84	N7NEV	G4RGK
WA8OJR	K4XD	WB3IGR	CT3FT	NI4Y	K3PP
WD9HCF	K7CTV	WB8JAY	K4EZY	W3MC	K6VHF/HR9
WE7H	K7WV	WF4W	KE6NDG	WA4ZXV	K8QM
WEST SEATTLE	W7XV		N1KI	WA8ZNC	N5GH
WH6LE	K9JF	86	N2NWS	XE1EE	NP3YL
WT4C	KB2KIR	AG1T	VE2WBK		W4LVH
XE3/K5ENS	KC1GWX	K7FB	W8PU	80	W5UC
	KC3MLC	KA9OKH	W8SGR	AC6BW	WP4NEG
89	KE8UM	KB7JJG	ZS6NK	G4FKA	ZL3AAU
AB1TZ	KI2D	KI6HQT		K7FR	
AG2AA	KI4RFM	KN4MMH	83	KE4PT	74
AG7NR	KJ4KW	KP4TB	AA6E	KR4Q	AK8B
G4NBS	N0OK	KT1R	DL5XJ	KW1DX	CX4AAJ
JQ1TIV	N1CEO	N2NF	K1LH	N2NS	KF2TI
K4BMM	N2MKT	N3MVF	K4SQC	VY2HF	LU4FPZ
K5CX	N2ZN	N8TFD	K6JJ	W5TTY	VE6SO
K5JAZ	N4CAG	NZ3O	K8SIA	W7AM	VK4CZ
KA0MWA	N4GN	SV1RK	KB3HHA		WC6DX
KF4TVL	N4KIN	VA3MDB	KB9LIE		

73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM150C)	PP1CZ CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DG7RO DU1EV K8YSE	K0FMI OH3DP	VE6TA (DO31)
72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	26 DS4AOW WB7QXU	17 G3LZQ PY2XAT SP5XMU W0JM
70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	25 EA4/K1WE	16 N6VHF SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	34 G4SEU LA2QM	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	44 HB9RUZ WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU	13 K4WY PY2MC W4PWF
66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	31 K7TM	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	
	54 AG4KI	39 AA5PK YL2JZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR	
	53 K0BBC		28 CT8/K0RUI JA6CRP		

ZS6WB	ZS4TX	HA9PP	1
		HL2ZN	3A2MW
11	6	IK0WRB	9A2EY
A65BR	CT2FEY	IK8EPC	AJ6T (EM66)
DL2OE	DL1TRK	IW3GJF	BD4UJ
EA4DAU	DU0A	JI1CHH	CT1AHU
EA4ZK	EI2JC	JM1GHT	DH8BQA
G4CTY	JA7NGE	JN1BPM	DJ3ZF
IZ4GWE	PY2VA	JR6IQI	DL2DCX
JA2KVB		KC0Y	DL4ZAB
JA6QHJ	5	PY5IP	DS5DNO
PY2DV	DL5LH	SA7CJO	DS5TOS
PY2GM	EA1AAA	SV1VN	EA3WD
	EA7ZY	W1CBY	EA4GQS
10	IK8GYS	WD9EWK (DM43)	5F1VEV
DL4CF	JI5USJ	YB1TJ	G4CFS
HB9BOS	JJ1IDW	YL2CA	G4VSS
JI2UDK	KB8VAO	YL2MU	G6MXL
PA5KT	M1VPN		G7SQS
SV2DCD	MU0GSY	2	G8TTI
TF3Y	OK1IN	5B4ALJ	IK5BSC
UR7DWW	ON5UE	6K5XZE	IW0AFS
	PP2RON	9A2GA	IZ0BTV
9	SK6QA	9K2NO	IZ2CSX
DL7BA	VE2NGH	BV6CC	IZ3DBA
EB1EWE	VR2XMT	CO6CBF	IZ5FSA
EC7ZK	W1ZR	DF3VG	JA1GZK
G6BFP	W2ZF	DF8FT	JA7DPC
HB9GWJ	YL2CZ	DK1CO	JA7VXB
IK3ITB		EH4BPJ	JH8XVT
JA1MZL	4	ES8JX	JI1HNC
JA2FGL	CT7/RC2A	F5TMJ	JJ1PFC
JE1LFX	DD6UAH	G0THY	JL2ULM
KD3UY	EK/RX3DPK	G4DDL	JN3ONX
S51NM	F1DFR	G8GNI	KC3KJQ
	GM4CFS	GI4ONL	KG4JSZ
8	GM4KHE	IK1IYU	KH6WI
DK2LO	IV3GOW	IK2GOQ	KP4DER
JA1CPU	JG1JPE	IZ8XQC	MM0INH
JE3PCP	JH7IMX	JA6AVT	OK1UU
JJ2NWI	JH7IPR	JA6SZV	ON6NA
N8RO	JK6DXD	JA9FAI	OZ1IKY
OH8LXT	UT5EL	JH3MHI	PU5SVE
	VK4ZP	JP1HDK	SM3GBA
7	XE1SAX	K4KZM	SM6LPG
DH0GSU		K7LY	SP7EXY
G8APB	3	KEN IN NEBRASKA	8Q5NRY
IZ0INX	DF1ZN	LA2CQ	UN8G
JA2NDQ	DJ5AV	OH3KAV	UR5EDX
LA3DV	DL2KQ	SV1XV	VR2VGM
N5ORT	EA1AR	SV3FUO	WB7VUF
NJ4Y	EA4D	YB2DX	YO8WW
UR5FEO	G3LHJ	YL2KF	