

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

445 K4XP KU7Z N4LR N8OC XE2X	433 W3LL W9WO	417 NJ6D	K8EB KB0V N4UFO	393 K1GG K7XC	380 K7MCX NE6I WA5LFD
444 N7BAV	432 K6G XO N6KK	416 K4RWP K7ND KO4MA NI0P WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	379 AB9BH N8WNA W6TMD
443 AB4IQ K8ZM N4MM WB8ZBT	431 K0TLM	415 K5OMC K7AWB W0GJ	404 N2ZX VE4EAR W5SUM	391 AD5A W4AVY	378 WR7X
442 AG9S N2QT N4TL	430 K1TEO	414 K0DEQ N0GZ	403 NH6T/W4	390 KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	429 WA5JCI	413 AE5FM WA9LFO	402 K3FM K7SMA	389 AB4SF	376 K8GI K8V FV N2WK N3OC
440 W2IRT	428 K9APW N2NL	412 VE2XK 6M FN07R4 W4TV	401 K4CKS	388 K0IP W4WRL	375 K6QG WB4OQX
439 NM5U	427 K4ZOT W0RH	411 N9EAT NZ3M	400 W0JRP W3UUM	387 KV4T N4CH	374 K0TT KV7K N6GP N7DB
438 K9MK	426 K8ZR N5OK W5JAY	410 KE7SW KE8KMX KI8G N4HN	399 K8JH	386 N7IJ NN4R W5TFW W7AH WE4S	373 K4SSO NY1V
437 K5RT KK4MA N5TJ	425 K6ML	409 AA1ON N1EVK N5SYV	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	372 JA7QVI
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	396 K6VHF KB8U	384 K8ROK W7FI	371 N3PS WA6BYA
435 K5XI KF6A	423 AJ4A W4DR	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ WB4EVH	383 KI0E W5MO	370 K5TN KN4SM KS4YT N3MK NT0V
434 K1SIX K8ROX	422 VE6WQ WB5JID	406 AK3E K6FG	394 AA5JF K2TER K6RO KT8O	382 K5PI VE3YXO	
	419 K7NN W0GN W5AL			381 AG4W W3VZ	

369 KF8UN N2DPF	NK0S	K5EK N3RC N6KZ N8LRG W2HRO	WA7PDC	327 KJ5RC N0YO W2JU W7YA	W3HDD
368 K0DD W5RCI W6GMT	357 K4LVV		334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI		316 K3FN KA0ABA W4UCK W9BWR
367 AA4ZZ KC4HW KR4BD W7Yaq	355 KD5XB	341 KD7DCR N8HRZ NX7U WA7YAZ	333 AA4LR KM4HI KN4NN N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	315 K5VH NY2NY XE1AO
366 KI7JA	354 N3AIU (DM45)			325 WA2AEY WX0Z	314 KU4XO VE3XN
365 K4JJW K7XB KG7CW W4FC	353 AF2K K0CS	340 KE4TH N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
364 AB5EB K0RAR N6QQ	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
363 W4NH	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
362 W1JR WA5OLT	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 NC7B NS4C W9VA	310 K1ST N1NK NJ7G W9KVR WO4DX
361 AC9DX K8BL K9NR N1KDO N7MB N8KOL NG4C	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S		320 N4DW	
360 AA4FF K6UM (CN85)	346 N9XG W8LMG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA	328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US	309 AA9RR
358 K5RLA K6EME KG8P	345 KB1EFS N0FJP VE7BV W3XY XE2YWH			318 W4HY	308 WA4HFN
	344 K6FW KB0PE W1OW			317 KA8SYV W1SKU	307 AG1A KE5K
	343 AB4EJ				

W3ATV W9RPM	298 KD4WSC N4IQ	NQ7G W4LTJ XE1YY	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ
306 K4QE N0LD WB0OQV WV9L	297 KE8Y KG5EIU N8YQX N9LF	288 K1NU N6AR W1DU W4HLR	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP
305 K3VAT K6UM (CM88) KT1J WA9M	296 JG1TSG K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD
304 K6IPF NS4T WA0GUD	295 KE4P N7NT	285 K5CZD K9UO	276 HC1BI K2CS K5TWJ K7TAB W9OO	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K1NJ K2HAT NA2NY WB7ECS
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD		
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH		
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 KS4S W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
299 DK8NE VE6WK W1LE W8UV WB5GVY	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN W3SW	264 AC8L K4JAF N0TK NF1O	256 JM1IGJ KL7NW

N8ZJN	247 N5DD W3TEF	KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	W9XT	224 JA8ISU NJ8J	N6PM NE1F W1AW W5RWF WA2OTC
255 K8MVZ KG4JPL NI3K W0NOZ W4HFZ WA8KNE	246 JA1UAV 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	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 KF6GYM	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	NY0A W4RBO W9BS WJ1B	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 N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	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	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	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	197 K3EGE N4BAF W3TW W5CTV	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	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W	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	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD	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	K4SAN KK9H W3UA WB4VHF	W5MPC WO7GI YV4NN	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V
168 KG5ZMQ W2PD W8WEJ	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO		148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI W6VNI (CM88) WB6RAB	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KB9REV KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KD2NF W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF PV8AJ VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
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	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 NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N1JFU W0RIC	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G		140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4TUN W6DQ WA4KXY	
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	151 K00Z OE6IMD W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA		135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
163 K2JF K2YSY N3FX	156 K2KJ K9OHI N3RN N9KO VE7VDX	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI		134 AB1NS

AB4GE	W3FEY	W2AJM	K0MFI	N3JNX	WO2C
C6ABB	WA2SEI	W3UQH	K4HBI	N5EIL	WX4US
GM4UYE	WB4YDL	W4DFU	K6USY	W2AC / WB2ABK	
KE5FXE	WW5W	WA6POZ	KB2WAL	W2AC/WB2ABK 113	
KF6UFO		WB4OMM	KB5MH	WB2KSK	AB4PM
N3AIU (DN70)	129	WE1P	KE4JFS		AD5MD
N8GOU	8P6ET		NE0P/9	117	HB9BZA
W4TKI	JF4VZT	124	UR0MC	AB5J	K3DQB
WA3WZR	K0KD	K0DLW	W8DN	K4WS	KD4BPZ
	K5QWO	KB0HH (EM06)	WB9TFH	N4USG	KD6VCD
133	KC8KSK	KD5FTD		N5JEH*	KM5OL
KA5ETS	KF4NEF	KM1C	120	N5LPT	N3JDQ
KC1RET	KM5LY	KT5MR	EA1YO	NA7L	N4YCI
KE1VT	KM5SC	N0SL	K2CYE	NU6V	N5YK
KM8V	N9WBR	N9AZZ	K4AU	W6WE	W0BM
W0RT		PV8AAS	K4CGY	WA1TBV	W8MSP
W4GE	128	W0PE	KD0R	XE2PXN	W8VW
WI5D	JR2LJO	W1TAM	KD4MZM		WD0ENC
WW7Q	KC7QAG	W6SCQ	KD5BRF	116	
XE2O	KJ6SDF	W7YM	KE4SCY (FM06)	IK7EOT	112
	KN4DMN	W9CDL	N3YPJ	K4RGN	K2MLS
132	N1SFE		VE1JC	KI6QDH	K3GD
AB3CV	W0WT	123	VE3XK	KU5B	K5WTA
IC8TEM	W5DM	AC7AF	WA6RAY	N0VR	KA7T
K5VG	W5ZO	K9SM	WD4OHD	N00B	N5HMH
KW4G	W8FR	KB0GT		W0DHB	W1TR
N4PPH	WB2WEO	KB0STN	119		W5DQ
N7TP		KG6DHQ	AE5AU	115	W6OAT
N8IK	127	VE3TG	K0AWU	K9MMS	W7IV
NE1I	AA9RK	W1HS	K1ZN	KE6TVM	W9PN
VE3TM	K3GYK	W3SE	K2SQS	KF0QS	WA8TWM
WN6K	K7UV	W4PRZ	K4MSG	KF9AF	WG3K
	K8AC	W5EWF	K7JIZ	KM5FA	WX3P
131	K8OS	W7MHW	KF7PCL	N7VGO	XE1GK
JR1BAS	KB3OZC	W8BI	KP3V	UW5ZM	
K3NAT	KB9TLV	W8KHP	KT0P	VK9DX	111
KG9R	KC0RQH	WA8WV	KW7N	WA3BZT	N0SLT
N2CJ	N6UTC	WB2RVX	N4UPX	WC7V	PC3T
TF3JB	VE2JWH		W0QC		W8GBH
	W1FLD	122	W4SW	114	WZ8P
130	WA6BIL	K7AED	W7QQ	AC8HU	
AB0X		K7OGW	WI4T	K2RET	110
JA3LZS	126	KA9JAC	WM9M	K3RTU	EA4DEI
K0GUR	KJ7G	KB4UF		K9AAN	G4BWP
K4JKB	N0BDS	KB5WFE	118	KC4GCK	K5KR
K8LG	N7DGI	KC5UGX	J68AS	KG9Z	K7LD
KC4NX	WB4HUC	N5HYV	K4AZV	NF8M	KD5J
NG9R	YL2AO	VE6PY	KA4LBD	VE1WOW	KI0F
NO8D		VE7JAC	KF6MXK	VE3IRR	KP4JRS
VE1DX	125	WD0GTY	KI7BP	W2JLK	KQ4LA
VE2TZT	AA7DK		KT8X	W2ZQ	KX5U
W0PHX	K3PU	121	KW4BY	W4ALF	N5TIF
W2LES	KC5DRI	AE1P	N1QDQ	W4UFO	N5YM

W7JET	106	KC2TR	KA3ZLS	K4UQC	N8GHZ
W7UP	K0MEI	KD9GKL	KB8CR	K5GM	N8YV
109	K5BJW	KJ7OG	KC6WFS	K5KV	N9MKC
AK6ZZ	K7BWH	KM6WXB	KC8DMN	K8IJ	NB5R
IW1ARB	K7JE	KO4LZ	KD8NYO	K9CC	NH6CJ
K2DSW	KB0TIJ	N0STP	KE1AU	KB9ZLB	NI5W
K2JGL	KC7ICM	N1LDY	KJ4M	KC2HLI	NS2P
K2OO	KE5JXC	N2FBQ	KR5V	KC8CC	VE2HAY
K5DNL	KJ6MBW	N3UPS	N1HOQ	KC9CMT	W2HOG
K9GY	KK2DOG	N7AGF	VE7ZD	KD3SW	W2VU
KE6GLA	N0RQ	NJ1H	W4RVZ	KE5CVM	W5JLC
KJ6CA	N1USB	VE2PIJ	W5DPT	KF0Q	W6TJU
KZ7N	N2IPH	W1TE	W5OV	KG5X	WA5TRX
N8TMW	N4CE	W1ZE	W7UT	KJ5OA	WB5NHX
N9TTX	N5FPW	W4KVS	W9NFL	N3TBB	WB7VVD
VE3AAQ	N5YHF	W6ZQ	WA8EQP	N4NIA	WK5X
W0YJT	N8HM	W9EBK	WB5FDP	N5RZK	WW2R (EL09)
W1OP	N9XMU	W9MDB	101	N5XTR	98
W4ZRZ	VA3OKG	WB2VUO	AE7V	N7EME	AC2RL
W5MPC/1	VE3AJY	WB8BZK/VE3	K0IN	N8COP	AD8Y
W7RJR	WB6VYH	WL7OU	K0SBV	N8XS	K0KC
WB6YIY	WE2DX	103	K0WJ	VP2MRM	K0UD
WB9W	WQ9F	AA5CK	K2NUD	W2CH	K3IXD
108	105	AB0YM	K5DWI	W4/KL7GLL	K3QIA
CF3VRQ	AC4Q	AB5SS	K5HX	W4OZK	K4OP
JA9IPF	DS4EOI	K2OY	K7SYS	W8BZY	K5HOB
JP7EIP	K4SJA	K4MVL	KB1JDX	W9DQ	KA1EKR
K5OPB	K9MAL	K8ZEE	KB4KBS	WA5TLP	KE4LGL
N3MWQ	KB3JGS	KA1W	KC6AWX	WV9E	KG4YOU
VE3SUB	KC0JYT	KB0FHP	KC8CSD	99	KG7E
VE7IG	KC4KK	KB2SGX	KG8WB	AB0SD	KJ2G
VY2RU	KF4DGS	KC9FFV	KG9IL	AB3TM	KK0CQ
W4AMP	KJ7TH	KF0AIJ	KL2R	K0YO	KY0Q
W4CRN	N4NQY	KF4DVG	KR4WM	K4KEW	N0JJQ
W5AAJ	N5SAN	KR4NO	KR7LD	K4WQ	N1JHJ
W8EH	N7YY	N0YXE	N1IX	K4ZO	N3LRP
W9VNE	NE9O	N1JIF	N4AOE	K5VPQ	N5TEY
XE1R	PU4JOE	NF6P	N8VEA	K7DD	N8AID
107	VE3VRQ	NN2D	N9DVS	K7PAP	NO5X
JA3EGE	W8MIL	VE7DXG	ON9CMR/W0	K9ZZE	NO8R
K5UIC	W9RVG	W0TF	VA2LGQ	KA0ZEE	VA3VF
KF7PG	WA4MYO	W3LEO	W4LLP	KC2IEB	VE4XTZ
KI9A	104	W6IT	W5KBD	KC6X	W2KRP
KK4LUM	AB9YC	W6XU	W7ISG	KD4MWO	W6TE
N3TTT	AC5K	102	WB8IMY	KD6RUH	WA2FGK
N9OI	AC5RN	AA9MY	WD5IYT	KG9AP	WA3TLT
NF0T	AC9QR	AB8JH	100	KR4UA	WB1GQR
US0KW	IK4DRY	AD6KH	AC0FT	M5MYH	WB2YDS
W2TTT	K5PPP	K0HAQ	AI2S	N4FV	WD0E
WB4PPW	KB9RNO	K3HW	AI9U	N7HRT	WH6LR
	KC1LXO	K9AM	K2UA	N7JPF	WT5H
				N7TE	WV5Y

97	K9OT	N4ET	N2SU	KK7MNC	W3ACO
AB8M	KA2NDX	N5BLY	N3JBH	N2BX	W3HZU
AJ9C	KA3HED	N5ENU	N3XBG	N2YTF	W4BP
K0HB	KB5GI	N5KI	N3YUG	N3AO	W4LIA
K0JQZ	KB8PNS	N9IV	N5ZMP	N3ZBK	W6NS
K0QEI	KC0HBP	N9LJX	N6HY	N4GOA	W8JV
K0SH	KD6PY	PY2KP	N6MXU	N4YHC	WA3JKB
K0YQ	KI5TE	VA3KS	N7NH	N7EGY	WA4EEZ
K3HZO (FN20)	KM2O	VA3PZ	N7UN	N7JI	WM3O
K4GTR	KM5NU	VE3KZ	N8WWM	N7KSI	
K4JQU	KR4EE	VE3SPW	N9DD	NA9D	91
K8XF	KS4V	W4YZJ	N9UNX	VA7QI	AA0CW
KA2BSK	KT5RR	W5ADA	VA3MA	VE3WMD	AD3Y
KA7EII	N0WVU	W5CBF	VE3RX	W0MHK	CO2WZ
KC0YBM	N2LID	W5RCQ	VE5MX	W2VTV	K1UR
KD5CKP	N2VHZ	W7JWC	VE7AB	W3ZGD	K4SPA
KF4KSN	N2XK	W9SX	W2GR	W4GPM	K6YK
KM4NYI	N8PAQ	WA2ONK	W3IPA	W4VG	K7HPN
KT5WB	N8YBY	WA3I	W3TA	W5DMT	K8OI
N1VMJ	NT2A	WA4WR	W4LNG	W5DWA	KB2YUW
N3UMA	NW5Q	WB2SIH	W5ODD	W7EIR	KB3IAI
N4BH	NY2Z	WD8DOT	W5PUF	W7TRX	KB3NDS
N6MA	VE2DCP	WS4S	W7NX	W9IFW	KB4YKC
N9APK	W1HMM	XE2AT	WA7LHZ	W9NED	KB7AZ
N9IO	W3VHF		WA9BXX	W9WI	KC5POV
N9KY	W4KK	94	WT9U	WA5ICA	KC8LGL
NK7C	W4TMR	AA4RP	WV7S	WB5CON	KE1IU
NU0Y	W7JHS	AB4VT			KE7RTB
NV3K	WA3EEC	AD1DX	93	92	KG4QWC
VA3FIN	WB0M	AK8CW	AG2A	K1EY	KI3O
W3QT	WB5KJE	HK4SAN	AG6CV	K5GDX	KI5BLU
W4CWA	WP4LNY	K0ARM	AI8F	K5TDA	KM7N
W4DAS		K3BEE	K0IW	K7FU	KM9I
W4ID	95	K3TUF	K1PTF	K7HKR	KQ6K
W7DN	AB9AI	K4JRK	K1ZK	K7UWR	N3PPH
WA6OSX	AE0G	K4LDC	K2AK	KB0PQP	N3WCM
WA9LEY	AE5EO	K4NNX	K2MTS	KC4JNW	N6DW
WB8RVK	IK8YTA	K8GT	K4DAM	KD4QMY	N7CZ
WB8ZTV	K1PNQ	K9DOG	K5TRI	KE4WBO	N8DEZ
WB9PNU	K4ED	K9SUL	K6RM	KG4URP	NR4J
WE8L	K8KFJ	KA2F	K7IP	KR7X	NU4N
	K8ME	KA9UVY	K7TRK	N2SG	OE9KFV
96	K8VD	KB7AK	KB0USF	N3GH	VA2BBW
AD5OW	KD7WH	KC0AUY	KC5TGT	N4VN	W2SUB
AE4TQ	KD8DR	KC3AK	KC5TT	N5QO	W4MLN
AK4F	KD9ZR	KD4VRZ	KC9TTR	N6FD	W5KDA
HB9EFK	KF6XA	KE3WM	KC9UL	N6RPM	WB0NRV
K2CK	KI0SK	KF0LA	KD0QG	N7DED	WB7X
K2UF	KW9U	KG4NLZ	KE6AZX	NS6E	WC4V
K2UNK	N1XK	KU4JZ	KE6UMW	UT5JAJ	XE1GZU
K4EQH	N2SLO	KV3W	KE8RPJ	W1PV	
K5CRJ	N2WLS	N0LNE	KE9V	W2ACY	90
K8EMR	N3WAV	N0LP	KI0J	W2CVW	AA0LM

AB4WL	N8YSZ	W4DL	85	WD6T	W2GW
AB9DU	N9RG	W4R XR	AC9GK	WD9IOK	W2SKI
AF5BG	N9UDX	W7HDD	EI3IO	WI6Z	WN0L
DL1SMA	NE2U	WA2BTR	K1UU	XE1MM	
JH4JNG	VE3VCF	WA5MD	K4LRP		78
K1HC	W0HRO	WK3N	KB3MXK	82	IZ8EDJ
K1KA	W1HY	WV8O	KC0V	AD4IE	K2QPN
K3CWF	W2JEK	XE1SOV	KE4DRF	CB0ZA	SP5QWB
K3UAL	W2OK		KK4AND	K3RJK	TG9AWS
K4AAP	W4ZMM	87	N2RJ	K4JMX	W4NE
K4FTP	W6VNQ	AC0A	N4LS	KA5WSS	
K4XZ	W9HT	AG4I	NJ1Q	KC5YKX	77
K8EAB	WA7SDI	K4JC	VE3GFN	KG4KVZ	K1IFJ
KA5TJI	WB3IAL	K5UZ	VE7DAY	N1SF	MI0AYR
KB5FHK	WM6Y	K5WO	W1WV	PU8TEP	
KB7BSA	WQ5C	K6UIP	W3STU	W5DAS	76
KK4DZP	WR5AY	KB1VUN	W4IT	W7YOZ	K0WYN
KW3DX	XE2NL	KC8NAH	W4RA	W8GG	K6MAA
N2ULL	XE3DX	KE6WOX	W6ST	WA2ONG	KI4CYB
N4BRF		KI6RRD	W7SIR		KI7WXP
N5BA	88	N0ELA	W8DQ	81	N1GNB
N9JJ	AA4QE	N2CJN	W9QY	AB4I	N2MH/4
VA3XOV	AE0DX	NA5DX	WA4WKL	DF3CB	
W9CPV	AE4OF	NE5S	WD4LSS	KE4DZU	75
W9CSY	AF4MI	NI5F	WF4R	N6MM	G4RGK
W9HBH	K1RS	NN7RM		N7NEV	K3PP
WA2BEV	K3TN	W8GOC	84	NI4Y	K6VHF/HR9
WA8OJR	K4XD	WB3IGR	CT3FT	W3MC	K8QM
WD9HCF	K7CTV	WB8JAY	K4EZY	WA4ZXV	N5GH
WE7H	K7WV	WF4W	KE6NDG	WA8ZNC	NP3YL
WEST SEATTLE	K7ZTV	XE1RBV	N1KI	XE1EE	W4LVH
WH6LE	K9JF		N2NWS		W5UC
WT4C	KB2KIR	86	VE2WBK	80	WP4NEG
XE3/K5ENS	KC1GWX	AG1T	W8PU	AC6BW	ZL3AAU
	KC3MLC	K7FB	W8SGR	G4FKA	
89	KE8UM	KA9OKH	ZS6NK	K7FR	74
AB1TZ	KI2D	KB7JJG		KE4PT	AK8B
AG2AA	KI4RFM	KI6HQT	83	KR4Q	CX4AAJ
AG7NR	KJ4KW	KN4MMH	AA6E	KW1DX	KF2TI
G4NBS	N0OK	KP4TB	DL5XJ	N2NS	LU4FPZ
JQ1TIV	N1CEO	KT1R	K1LH	VY2HF	VE6SO
K4BMM	N2MKT	N2NF	K4SQC	W5TTY	VK4CZ
K5CX	N2ZN	N3MVF	K6JJ	W7AM	WC6DX
K5JAZ	N4CAG	N8TFD	K8SIA		
KA0MWA	N4GN	NZ3O	KB3HHA	79	73
KF4TVL	N4KIN	SV1RK	KB9LIE	K4RW	JF1IRW
KI0G	N4UC	VA3MDB	KC1UYZ	K5JBT	VP2MJD
KI4FW	N5VBK	VA7LM	KK7BV	KB4DSL	W4WT
KI4US	NS3X	VE7IRU	KU4WW	KP4N	
KR4U	NT4TN	W8IW	N6KTH	N2COP	72
KT3X	VE2VLJ	WA1PMA	SV2AEL	N5YJZ	N4II
N2GZ	W2BZR	WB4GCS	TG9AKH	N9RC	PV8ADI
N5KAE	W3YX	XE2AU	W7USB	VE3CFK	

71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	KB0RFY	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	WP4NIX	W0HBH
70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	26 DS4AOW WB7QXU	17 G3LZQ PY2XAT SP5XMU W0JM
69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	25 EA4/K1WE	16 N6VHF SV8CKM TI2CDA
68 AA4S EH7CD K6CF KJ7TEA KW4OV	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
67 JG2TSL W7YED	58 KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
66 K6KLY KK4YEL UX1UA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU	13 K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	31 K7TM	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB
64 K3BQ WD5GRW (EM150C)	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	11 A65BR DL2OE EA4DAU
63 EA1DR HL2EIZ	54 AG4KI	39 AA5PK YL2JZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	
	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE VK5PJ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU	
	52 CT1ETE N8OFS OH4UI VE9FCP		27 E70A KC9ELU		

EA4ZK	EI2JC	JM1GHT	CT1AHU
G4CTY	JA7NGE	JN1BPM	DH8BQA
IZ4GWE	PY2VA	JR6IQI	DJ3ZF
JA2KVB		KC0Y	DL2DCX
JA6QHQ	5	PY5IP	DL4ZAB
PY2DV	DL5LH	SA7CJO	DS5DNO
PY2GM	EA1AAA	SV1VN	DS5TOS
	EA7ZY	W1CBY	EA3WD
10	IK8GYS	WD9EWK (DM43)	EA4GQS
DL4CF	J15USJ	YB1TJ	F1VEV
HB9BOS	JJ1IDW	YL2CA	G4CFS
J12UDK	KB8VAO	YL2MU	G4VSS
PA5KT	M1VPN		G6MXL
SV2DCD	MU0GSY	2	G7SQS
TF3Y	OK1IN	5B4ALJ	G8TTI
UR7DWW	ON5UE	6K5XZE	IK5BSC
	PP2RON	9A2GA	IW0AFS
9	SK6QA	9K2NO	IZ0BTB
DL7BA	VE2NGH	BV6CC	IZ2CSX
EB1EWE	VR2XMT	CO6CBF	IZ3DBA
EC7ZK	W1ZR	DF3VG	IZ5FSA
G6BFP	W2ZF	DF8FT	JA1GZK
HB9GWJ	YL2CZ	DK1CO	JA7DPC
IK3ITB		EH4BPJ	JA7VXB
JA1MZL	4	ES8JX	JH8XVT
JA2FGL	CT7/RC2A	F5TMJ	J11HNC
JE1LFX	DD6UAH	G0THY	JJ1PFC
KD3UY	EK/RX3DPK	G4DDL	JL2ULM
S51NM	F1DFR	G8GNI	JN3ONX
	GM4CFS	GI4ONL	KC3KJQ
8	GM4KHE	IK1IYU	KG4JSZ
DK2LO	IV3GOW	IK2GOQ	KH6WI
JA1CPU	JG1JPE	IZ8XQC	KP4DER
JE3PCP	JH7IMX	JA6AVT	MM0INH
JJ2NWI	JH7IPR	JA6SZV	OK1UU
N8RO	JK6DXD	JA9FAI	ON6NA
OH8LXT	UT5EL	JH3MHI	OZ1IKY
	VK4ZP	JP1HDK	PU5SVE
7	XE1SAX	K4KZM	SM3GBA
DH0GSU		K7LY	SM6LPG
G8APB	3	KEN IN NEBRASKA	SP7EXY
IZ0INX	DF1ZN	LA2CQ	SQ5NRY
JA2NDQ	DJ5AV	OH3KAV	UN8G
LA3DV	DL2KQ	SV1XV	UR5EDX
N5ORT	EA1AR	SV3FUO	VR2VGM
NJ4Y	EA4D	YB2DX	WB7VUF
UR5FEO	G3LHJ	YL2KF	YO8WW
ZS4TX	HA9PP		
	HL2ZN	1	
6	IK0WRB	3A2MW	
CT2FEY	IK8EPC	9A2EY	
DL1TRK	IW3GJF	AJ6T (EM66)	
DU0A	J11CHH	BD4UJ	