

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 (20 Jan 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	W5AJ	483	472	456
AA0MZ	W5FF	AC0RA	A11K	N4JQQ
AA5AM	W5KI	K0TPP	KB7ME	
AA5C	W5OZI	K1USA	N7ZO	455
AA7A	W7GJ	W0VTT	WD8JJA	K4SO
A15I	W7JW			
K0GU	W7KNT	482	471	453
K1TOL	W7MEM	AD6D	AF5CC	K4YMQ
K4PI	W9FF	KX4R	N5KO	
K4XO	W9JN			452
K5RK	W9RM	481	469	N5BO
K5UR	W9XX	W9VHF	K7BG	W3UR
K5WE	WD5K		KM0T	
K7CW	WQ5S	480	N4TB	450
K7ULS	WS9V	K5GZR		AJ4F
K8SIX		N7KA	467	N9BX
K9CT	487	WB0ULX	AD1C	
KA9CFD	K7MAC	XE2OR	N5EKO	449
KA9FOX	K7TM		WO7R	KF6HI
KD5M	K9YY	479		W8TN
KG5CCI	N0AKC	W5WVO	466	
KM0A	N7CW	WA7HQD	KA0JGH	448
KO9A	N7IR		KB6NAN	W5XC
KR7O	N7NW	478	ND4X	XE2K
KV5W	N9ISN	AE5B	WX7M	
N0LL	NA6L	N5WS		447
N0LWF			464	K4HB
N0PB	486	477	KB9OWD	KS7S
N0TB	K1TO	K0BJ		N4SC
N1AV	KY7M	NC6K	463	W5EME
N3SL	N0KE	W9RN	VE3EK	
N3XX		XE2CQ		446
N5DG	485		462	K6EID
N5OMG	K5ND	476	K6ZH	N4QS
N6JV	K9MU	KC7QY	N6ORB	NV4B
N9LB	N0POH	KC7V	WE9R	
N9UM	W3IP			445
ND0B	WD5COV	474	461	KU7Z
W0FY		N4WW	NA9RB	N5NA
W0JW	484	W6XK		N8OC
W0LGQ	K0SIX		458	
W3CP	W5VY	473	K4MY	444
W4UDH	W5ZN	NQ7R	KG5THG	KB8VAO
W5ADD		WB0O	N9BCA	N7BAV
W5AFY			WB9CIF	NI0G

W4DR	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB KO4MA N5SYV W0GJ WB5JID	398 K7SMA N8IEZ W1NG W5JAY	VE6MB W4WTA
443 AB4IQ K4XP N4MM N9PGG NE1B	429 WA5JCI		397 K5RT	384 AB4SF K1GG K8ROK
441 K8TB	428 K9APW KP4AJ N2NL N4TL	414 AH0U K7KQA	396 KB8U	382 K5PI K6VHF VE3YXO
440 AG9S KD3CQ W2IRT W3LPL W5THT	427 N4QWZ W3LL WA1EAZ	413 WA9LFO	395 AA5XE K0AZ K5WBM KF7CQ	381 W3VZ
439 WB8ZBT	426 K4ZOT K8ZR N5OK XE2X	410 KE7SW KI8G N4HN	393 K7XC KK4MA NJ6D W4TV	380 K7MCX NE6I NM5U WA5LFD
438 KB9DAK		408 W7BA	392 AF4HX N4UFO VE4EAR W6OMF	379 N8WNA
437 NY0V WB7CJO	425 K6ML	407 W4AS W5CIA	391 N1EVK W4AVY	378 WR7X
436 K1HTV K3SX K7PI W3TC WB8ART	424 N4UFP N9AKR W3EP	406 AK3E K6FG VE2XK 6M FN07P	389 NE9U	376 AA5JF K8GI K8VFX N2WK
435 K9KLD KF6A	423 AJ4A NA6MG	405 AA4SC K5CKS	388 K0IP W4WRL	375 K6QG WB4OQX
434 K1SIX	422 VE6WQ	403 KE8KMX NH6T/W4	387 AA1ON K2TER KV4T N4CH	374 AB1OC N6GP N7DB
433 N9FN W9WO	421 K8ROX WB8BPU	402 K3FM		373 K4SSO
432 K6GXO N6KK W5TRL	420 VE3LYC	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S	372 W5MO
431 K0TLM N2QT	419 K7NN W0GN W5AL	400 W0JRP W0RH W3UUM	385 KF0M NK1K	371 WA6BYA
	416 K4RWP K7ND	399 WA9DU		370 AG4W K5TN KN4SM KS4YT

KV7K N3MK NT0V	358 K5RLA	343 AB4EJ K5EK N3RC	333 KM4HI KN4NN N0IGZ W3GQ	324 K9SH KU4A N2BJ N8HRZ VE3TMG
369 KF8UN N2DPF	357 K4LVV W5PR	341 KD7DCR NX7U WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE W9GM	323 K10E N8II W4MAY W8KEN
368 KB0V W5RCI W6GMT	356 NY1V	340 KE4TH N0AN	331 K8WDA KC0UDO N4MW N6KZ VE7BV	322 VA6SZ
367 KC4HW KR4BD NT9E W7Yaq	354 K0DEQ	339 KE4BKL VA7FC W5VAS	330 KB8MBC NK0S	321 NC7B NS4C W9VA
366 AA4ZZ K17JA N4LR W7FI	353 AF2K K0CS K8EB	338 VE3SXE WA5KBH	329 AA1QD N2JJ W1DYJ W2OR W8WG W9DCT W9XA WX4G	320 K0VG N4DW
365 K4JJW KG7CW KZ2I WB4EVH	352 NZ3M W0KKK W1JR WA9PWP XE2ML	337 K8ZES NU6S W9EWZ WA5RT WW0E	319 N7US W4ER	318 N3ALN W4HY
364 AB5EB JA7QVI N6QQ	351 AA4FL K5DTC	336 AC9DX FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3DS WO9S	317 N3PS W1SKU WA7PDC WO2T	316 K3FN KA0ABA N1KDO W4UCK W9BWR
363 W4NH	350 AB9BH N6VI N8YO	335 K5FUV K5FZ K9QVB KB1EFS KB4MRX W9GKA	316 K6EME KJ5RC N0YO W2JU	315 K5VH KG6AY NY2NY
362 WA5OLT	349 K8JH KA0BAD	334 K0OOK K3TRM N4UFO (EM95) N9DR N9XG WB5TOI	328 K6ME N5PT W2CNS	314 KU4XO
361 K7XB K8BL K9NR N7MB N8KOL NG4C	347 KT8O	327 K6EME KJ5RC N0YO W2JU	326 K2ZD K6LMN K6TDI KD5XB NG7M W7JLC WF7T	313 K0TC N6NR
360 AA4FF K6UM (CN85) N3OC	346 W8LMG	325 WA2AEY		
359 NI0P	345 W3XY XE2YWH			
	344 K6FW KB0PE KG8P W1OW			

NF4A W4GLV W5RKN WA1NLG	301 N0HJZ N2ZZ VE1JBC W7IB W9OBG WB0TVY	WA2IIE	282 AA0ZP K5TA N0GZ N8JCM W4WM	KM4H KV1J WB0OQV
312 AF6O KA2GOJ WB3LHD	300 AA4V K0DD K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S	291 KS4S W1WHL	281 K4OY NL7CO W2YE	272 K0PG XE1AO
311 AC9S KM3T KS4XQ W2BZY W5DB	299 VE6WK W1LE W5SUM W8UV WB5GVY	290 W3HDH WA8EFK	280 K2UU N0KV NM5Z	271 K4NNX K7NII KB7FUV N9JR W3HHN
310 AA8SW NJ7G W9KVR WO4DX	298 KD4WSC N1NK N4IQ	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA KF9UG N3JPU W0VHF (EL87) WA4NVM XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B
309 VE3XN	297 DK8NE N8YQX N9LF	288 AA4LR HC2FG K1NU N6AR W1DU W4HLR	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	269 K1GJQ K2IE K3ZO KD5R N5EPA N5WD
307 KE5K W3ATV W9RPM WB4KTF	296 K6YUI KC7RW	287 JE1BMJ N8CGY	277 AC7JM JR1LZK NS4T PV8DX	268 K6OJ N9ZTS W0KAN
306 K6RO WV9L	295 KE4P N7NT NA5Z W2HRO	286 AG1A	276 K2CS K5TWJ K7TAB KE8Y	267 K8DP KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB
305 K6UM (CM88) KF2T KT1J WA9M	294 JG1TSG K6JSV	285 K5CZD K9UO N0LD WA4HFN	275 K1MAA K2NJ N4GG W0FK W8PI	
304 K6IPF W4FC WA0GUD	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96) RETIRED	274 KB1DMX	266 K1OA K1WVX TG9AJR WB8EJN
303 EA8DBM K8TGC K8TL N7LAN		283 K1ST W8OP WA0FQK WB0CQO		265 N5KS
302 KB2TGU W3TI			273 K2BLA	

264 AC8L K4JAF N0TK NF1O	256 K3WA N8ZJN	246 JA1UAV K0DAS KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT KV7N	KO4MM VA3XJ WB0WAO/8
263 AK4PR K3VAT K4XR K9AAA W7CT WB7QBS	255 JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE	245 N1IA N3XF VA3CW WA8ZID	237 K3FRK K3KO K4QE	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
262 AE5FM K3CWH KL7HBK N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW	244 AA9RR K8DV KD8JSP N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KL0S MD0CCE N3FTI N9ATD W5AJX W9OO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM N8LRG W3SW W9TA	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K8ZT K9TF KS9A W4KXY W5LUA
260 K6JAD N6HC W0PR	252 AB5A CT1EEB K1ACL NN4RR VE6NTT VE6SH	242 K3WW KA3TCC WA8MCD	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX WQ6Q XE1YY
259 AK0MR KD4ADC KG6I KN5O N1RR NS7K NY1E VE6BMX	251 AD5JK K1NJ K3NK KG7NV NN4SS	241 N6NU W5LO	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT XE1L	225 AC9O K9QJ KX9X (EN50) N2WSY N4SV VE3MSC W8AKS WN6W
258 K1BD K2HAT NA2NY WB7ECS	249 CT1IUA K8AO KQ5U N1GC	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AE4WG AI9L K5FO N9NJY VE6TA (DO33) W0PPA	224 JM1SZY K9MQ WA4YA
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0	248 K1ZZ W6VFA	239 F4BKV KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	231 K4MIJ K6HEW KF6GYM VA2CY W9XT	223 K7UA NJ7A
	247 W1FKF W3TEF		230 K1ZE	222 K0YY

K2TV	WA7AJ	W4EJG	198	WA5CAM
K3AJ		XE1J	AC8TO	WD4JHD
KA1LMR	213		N0UK	
KD4K	K3DFL	205	N7EPD	190
W8GJ	KI6X	AF4OD	NX0I	K2WJ
WA2BOT	W0NBC	K8SD	WA7KYM	K5ER
	W8RD	KE4HOA		KC2DLD
221		N5ITO	197	N5SMQ
K5WMH	212	N9ATF	K3EGE	N9UA
K6CQR	AB5C	W8QID	N4BAF	W1ATV
N0PSJ	JF8QNF		W3TW	W2OO
N4ION	KF7NN	204	W5CTV	
N5UWY	N2OA	IT9IPQ	W9TD	189
W4IFI	N5PA			KC0MEA
		203	196	W3SZ
220	211	K0VSV	JR2HCB	WA5VKS
HC1BI	K9FOH	K5HYT	K0AIZ	
K7BTW	NE8S	K5LOW	K0NR	188
N7XCZ	VE3SMA	N0HF	N5DUW	AD7KI
	W2ZDP	N8SYF	W2AMR	KD4HLG
219	W5HMK	NR0Q	XE2ED	W4AZR
K2RKJ	W6AER	W1RM	XE2W	WA7VHF
KE5RV		W9GFB		WU9Q
W5JMW	210	W9VOB	195	WX9M
W6DPD	JR3REX		AA4W	
W7ZSL	K3MSB	202	JA7MSQ	187
WB2WIH (FN20)	K9YC	K1BZ	K6VDP	K3EA
	KL7NO	K5GJR	KC0VDY	KD3HN
218	N1TQ	WC7X	KG6WIK	KQ0J
K1XH	N6UK	WF8Z		N1SV
K4IJQ	PV8AZ	WQ5W	194	
K8YC	WQ9T		K2MRK	186
KB8KVJ		201	N3FA	DJ5FI
NI3K	209	AA7WB	N9NFT	K6ZZ
	AA4IB	KC5FP	WF1H	K8PT
217	W5WGF	KO9V	WK8A	K9SG
KB1HY	WA4NFO	KR0I		KN4PPD
ND4V	XE2N	NN0K	193	KN7K
W4DEE		WA1MKE	K7PT	N0XLR
	208	WA9ASZ	K9AB	N6ZE
216	AI2N			
K7RB	CO8DM	200	192	185
N0IS	KD5HIO	4A2MAX	N1LF	AD6W
NE1F	PV8ABC	N5AO	N2NB	KD5BQT
W5RWF		N9AG	N3CAL	KU4UC
	207	VA3VU	N3NR	NA2R
215	K3HPA	W1AW	N4LXB	PY5CC
AL7OC	N1BCL		N4TV	W3OU
K2SX	N8NJA	199	W6MTR	W5BPT
KI5FJ		JA8ISU	W8FN	
N2YU	206	K4GHS	191	184
N6KW	AB0CT	N3KJV	K0ITC	AF5Q
NA5C	AK4Y	NJ8J	K9CS	K0DEW
	K9YC (EN61)	W4OEP	KK6OH	KR4M
214	KB0LYL	WB0YEA	N9AMW	N1IBM
KB9PJL	NA5Q		WA2BKN	N4BG
VE3SYK	W0BNE			

183 K5RQ N0FJP N0UBL W2UDT	W0ZY W1MAD WY7FD	W1PX WA2KBZ	163 K2JF K2YSY N5XZ	VA3NQ WV8DX
182 AJ6T DF3CB FP/KV1J K5GMX K8WK KK0DX W2CCC XE1CL	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	170 K5DB K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	162 AF4GK K0QB KA1R KD4TDI W9JJB W9VS WA1Z	154 AE4NT KB9VMW W3ZQN
181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	176 AD5ZA K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7ZD KW0A N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM
180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	175 PV8BR	168 KG5ZMQ W8WEJ	160 K5IQ WA3DRC	152 N1NUM N2WM NU1T UT7QF W6IA WO4G
179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	159 K4MZ NS7B W1EME W4TTO WB8NUT	151 KO0Z W1ZT W2DXE
178 4O3A KA2AYR KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VE3NRT	173 K2ZZ K5YPV KE4SCY	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	158 K8CR KI0D N2CG	150 N9LAH VE3OAT W7APM
	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC	157 K4FX KB8GC WA7NB	149 AB6CF K4SAN KK9H WB4VHF
	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G	156 K2KJ N3RN N9KO VE7VDX	148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNQ (CM88) WB6RAB

147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	WS4V	SM7AED	N4PPH NE1I VE3TM WN6K	K8OS KB3OZC KB9TLV KC0RQH N2ZA NO8D VE2JWH W1FLD WA6BIL
146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX W4HFZ	141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R OE6IMD W2JCN W4AVV W7UV XE2JS	131 K3NAT KG9R N2CJ	126 KJ7G N0BDS N7DGI WB4HUC YL2AO
145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK CO2WF CT1BWU JA1AFR K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X AK8CW JA6RJK K0GUR K4JKB KC4NX KE8RJU NG9R PV8AJ VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	125 AA6I AA7DK K3PU KC5DRI KD2NF NT7C W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P
144 K0TLG K5TDW K6JRA K8MN K8WU KA8SYV N9DI W5MPC WO7GI	139 IZ8FFA K1DT KC7JPC KU0G N3FX NA2AA W2PD W4OV WA5TKU WB2JIL WY0V	134 AB1NS AB4GE BA4SI C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR NZ6N	124 K0DLW K8VA KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W7YM W9CDL
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 N7T W0RT W4GE WW7Q XE2O	128 KC7QAG KJ6SDF KN4DMN W0WT W5ZO W8FR WB2WEO WQ7F	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3SE W4PRZ W5EWF
142 N5RMS NA2X NC4VA W5SWV	137 N1SZ N5JGK	132 AB3CV IC8TEM K5VG KW4G	127 AA9RK JA3LZS K3GYK K7UV K8AC	

W7MHW	N4UPX	K2RET	KP4JRS	US0KW
W8BI	W0QC	K3RTU	KQ4LA	W2ODH
W8KHP	W4SW	K9AAN	KX5U	W2TTT
WA8WV	W7QQ	KC4GCK	N5TIF	WB4PPW
WB2RVX	WI4T	KG9Z	N5YM	
	WM9M	NF8M	W7JET	106
122		VE1WOW	W7UP	EA4DEI
K7AED	118	VE3IRR		K0MEI
K7OGW	J68AS	W2JLK	109	K5BJW
KA9JAC	K4AZV	W4ALF	AK6ZZ	K7BWH
KB4UF	KA4LBD	W4UFO	G4BWP	K7JE
KB5WFE	KF6MXK	WO2C	IW1ARB	KB0TIJ
KC5UGX	KI7BP	WX4US	K2DSW	KC7ICM
N5HYV	KT8X		K2JGL	KE5JXC
VE6PY	KW4BY	113	K2OO	KJ6MBW
VE7JAC	N1QDQ	AB4PM	K5DNL	KK2DOG
WD0GTY	N3JNX	AD5MD	K9GY	N0RQ
	N5EIL	K3DQB	KE6GLA	N1USB
121	NZ1I	KD4BPZ	KJ6CA	N2IPH
AE1P	W2AC / WB2ABK	KD6VCD	KZ7N	N4CE
K0MFI	W2AC/WB2ABK	KM5OL	N8TMW	N5FPW
K4HBI	WB2KSK	N3JDQ	N9TTX	N5YHF
KB2WAL		N4YCI	VE3AAQ	N8HM
KB5MH	117	N5YK	W0YJT	N9XMU
KE4JFS	AB5J	W0BM	W1OP	VA3OKG
NE0P/9	K4WS	W8MSP	W4ZRZ	VE3AJY
UR0MC	N4USG	W8VW	W5MPC/1	WB6VYH
W8DN	N5JEH*	WD0ENC	W7RJR	WQ9F
WB9TFH	N5LPT		WB6YIY	
	NU6V	112	WB9W	105
120	W6WE	K2MLS		AC4Q
EA1YO	WA1TBV	K3GD	108	K4SJA
K2CYE	XE2PXN	K5WTA	CF3VRQ	K9MAL
K4CGY		KA7T	HB9BZA	KB3JGS
KD0R	116	N5HMH	JA9IPF	KC0JYT
KD4MZM	IK7EOT	W1TR	K5OPB	KC4KK
KD5BRF	JR1BAS	W5DM	N3MWQ	KF4DGS
KE4SCY (FM06)	K4RGN	W5DQ	N5DD	KJ7TH
N3YPJ	KI6QDH	W6OAT	VE3SUB	N4NQY
VE1JC	KU5B	W7IV	VE7IG	N5SAN
VE3XK	N0VR	W9PN	VY2RU	N7YY
W4LVH	NO0B	WA8TWM	W4AMP	NE9O
WA6RAY	W0DHB	WX3P	W4CRN	PU4JOE
WB0WAO		XE1GK	W5AAJ	VE3VRQ
WD4OHD	115		W8EH	W8MIL
	K9MMS	111	W9VNE	W9RVG
119	KE6TVM	N0SLT	XE1R	WA4MYO
AE5AU	KF0QS	N8IK		
K0AWU	KF9AF	PC3T	107	104
K1ZN	KM5FA	W8GBH	JA3EGE	AB9YC
K2SQS	N7VGO	WZ8P	K5UIC	AC5K
K4MSG	VK9DX		KF7PG	AC5RN
K7JIZ	WA3BZT	110	KI9A	AC9QR
KF7PCL	WC7V	K5KR	KK4LUM	IK4DRY
KP3V		K7LD	N3TTT	K5PPP
KT0P	114	KD5J	N9OI	KB9RNO
KW7N	AC8HU	KI0F	NF0T	KC2TR

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
W9MDB	K0RAR	W8BZY	KE4LGL	W4CWA
WB2VUO	K0SBV	W9DQ	KG4YOU	W4DAS
WB8BZK/VE3	K0WJ	WA5TLP	KG7E	W4ID
WG3K	K2NUD	WV9E	KJ2G	W7DN
	K5DWI		KK0CQ	WA6OSX
103	K5HX	99	KY0Q	WA9LEY
AA5CK	K7SYS	AB0SD	N0JJQ	WB8RVK
AB0YM	KB4KBS	AB3TM	N1JHJ	WB8ZTV
AB5SS	KC6AWX	K0YO	N3LRP	WB9PNU
K2OY	KC8CSD	K4KEW	N5TEY	WE8L
K4MVL	KG8WB	K4WQ	N8AID	
K6USY	KG9IL	K4ZO	NO5X	96
K8ZEE	KL2R	K5VPQ	NO8R	AD5OW
KA1W	KR4WM	K7DD	VA3VF	AE4TQ
KB0FHP	KR7LD	K7PAP	W2KRP	AK4F
KB2SGX	N1IX	K9ZZE	W6TE	K2CK
KC9FFV	N4AOE	KA0ZEE	WA2FGK	K2UF
KF0AIJ	N8VEA	KC2IEB	WA3TLT	K2UNK
KF4DVG	N9DVS	KC6X	WB1GQR	K4EQH
KR4NO	ON9CMR/W0	KD4MWO	WB2YDS	K5CRJ
N0YXE	VA2LGQ	KD6RUH	WD0E	K8EMR
N1JIF	W4LLP	KR4UA	WH6LR	K9OT
VE7DXG	W5KBD	M5MYH	WT5H	KA2NDX
W0TF	W7ISG	N4FV	WV5Y	KA3HED
W3LEO	WB8IMY	N5OHL		KB5GI
W6IT	WD5IYT	N7HRT	97	KB8PNS
W6XU		N7JPF	AB8M	KC0HBP
	100	N7TE	AJ9C	KD6PY
102	AC0FT	N8GHZ	K0HB	KI5TE
AA9MY	AI2S	N8YV	K0JQZ	KM2O
AB8JH	AI9U	N9MKC	K0QEI	KM5NU
AD6KH	K2UA	NB5R	K0SH	KS4V
K0HAQ	K4UQC	NH6CJ	K0YQ	KT5RR
K3HW	K5GM	NI5W	K3HZO (FN20)	N0WVU
K5VR	K5KV	NS2P	K4GTR	N2LID
K9AM	K8IJ	VE2HAY	K4JQU	N2VHZ
K9OHI	K9CC	W2HOG	K8XF	N2XK
KA3ZLS	KB9ZLB	W2VU	KA2BSK	N8PAQ
KB8CR	KC2HLI	W5JLC	KA7EII	N8YBY
KC6WFS	KC8CC	W6TJU	KC0YBM	NT2A
KC8DMN	KC9CMT	WA1LAD	KD5CKP	NW5Q
KD8NYO	KD3SW	WA5TRX	KF4KSN	NY2Z

VE2DCP	AD1DX	K1ZK	N0RC	WC4V
W1HMM	HK4SAN	K2AK	N2SG	XE1GZU
W4KK	K0ARM	K2MTS	N3GH	
W4TMR	K3BEE	K4DAM	N4VN	90
W7JHS	K3TUF	K5TRI	N5QO	AA0LM
W8DM	K4JRK	K6RM	N6FD	AB4WL
WA3EEC	K4LDC	K7IP	N6RPM	AB9DU
WB0M	K4YJ	K7TRK	N7DED	AF5BG
WB5KJE	K8GT	KB0USF	NS6E	DL1SMA
WP4LNY	K9DOG	KC5TGT	UT5JAJ	JH4JNG
	K9SUL	KC5TT	W1PV	K1HC
95	KA2F	KC9TTR	W2ACY	K1KA
AE0G	KA9UVY	KC9UL	W2CVW	K3CWF
AE5EO	KB7AK	KD0QG	W3ACO	K3UAL
K1PNQ	KC0AUY	KE6AZX	W3HZU	K4AAP
K4ED	KC3AK	KE6UMW	W4BP	K4FTP
K8KFJ	KD4VRZ	KE8RPJ	W4LIA	K4XZ
K8ME	KE3WM	KI0J	W6NS	K8EAB
K8VD	KF0LA	N2BX	W8JV	KA5TJI
KD7WH	KG4NLZ	N2YTF	WA3JKB	KB5FHK
KD8DR	KU4JZ	N3AO	WA4EEZ	KB7BSA
KD9ZR	N0LNE	N3ZBK	WM3O	KK4DZP
KF6XA	N0LP	N4GOA		KW3DX
KI0SK	N2SU	N4YHC	91	N2ULL
KW9U	N3JBH	N7EGY	AA0CW	N4BRF
N1XK	N3XBG	N7JI	AD3Y	N5BA
N2SLO	N3YUG	N7KSI	CO2WZ	N9JJ
N2WLS	N5ZMP	NA9D	K1UR	N9MSG
N3WAV	N6HY	VA7QI	K4SPA	VA3XOV
N4ET	N6MXU	VE3WMD	K6YK	W9CPV
N5BLY	N7NH	W0MHK	K7HPN	W9CSY
N5ENU	N7UN	W2VTV	K8OI	WA2BEV
N5KI	N8WWM	W3ZGD	KB2YWU	WA8OJR
N9IV	N9DD	W4GPM	KB3IAI	WD9HCF
N9LJX	N9UNX	W5DMT	KB3NDS	WE7H
VA3KS	VA3MA	W7EIR	KB7AZ	WEST SEATTLE AMA
VA3PZ	VE3RX	W7TRX	KC5POV	WH6LE
VE3KZ	VE5MX	W9IFW	KC8LGL	WT4C
VE3SPW	VE7AB	W9NED	KG4QWC	XE3/K5ENS
W3UA	W2GR	W9WI	KI3O	
W4YZJ	W3IPA	WA5ICA	KI5BLU	89
W5ADA	W3TA	WB5CON	KM7N	AB1TZ
W5CBF	W4LNG		KM9I	AG2AA
W5RCQ	W5ODD	92	KQ6K	AG7NR
W7JWC	W5PUF	K1EY	N3PPH	G4NBS
W9SX	WA7LHZ	K5GDX	N3WCM	JQ1TIV
WA2ONK	WA9BXB	K5TDA	N7CZ	K4BMM
WA3I	WT9U	K7FU	N8DEZ	K5CX
WA4WR	WV7S	K7HKR	NA7L	K5JAZ
WB2SIH		K7UWR	NR4J	KA0MWA
WD8DOT	93	KB0PQP	NU4N	KF4TVL
WS4S	AG2A	KC4JNW	OE9KFV	KI0G
XE2AT	AG6CV	KD4QMY	W2SUB	KI4FW
	AI8F	KE4WBO	W4MLN	KI4US
94	K0IW	KG4URP	W5KDA	KR4U
AA4RP	K1PTF	KM3V	WB0NRV	N2GZ
AB4VT		KR7X	WB7X	N5KAE

N8YSZ	WA5MD	N4LS	81	NP3YL
N9RG	WK3N	VE3GFN	AB4I	W5UC
N9UDX	WV8O	VE7DAY	IK8YTA	WP4NEG
NE2U	XE1SOV	W1WV	KE4DZU	ZL3AAU
VE3VCF		W3STU	N6MM	
W0HRO	87	W4IT	N7NEV	74
W1HY	AC0A	W4RA	NI4Y	AK8B
W2JEK	AG4I	W6ST	W3MC	CX4AAJ
W2OK	K4JC	W7SIR	WA4ZXV	KF2TI
W4ZMM	K5UZ	W8DQ	WA8ZNC	LU4FPZ
W6VNQ	K6UIP	W9QY	XE1EE	TI2CDA
W9HT	KB1VUN	WA4WKL		VE6SO
WA7SDI	KC8NAH	WD4LSS	80	WC6DX
WB3IAL	KE6WOX	WF4R	AC6BW	
WM6Y	KI6RRD		K7FR	73
WQ5C	N0ELA	84	KE4PT	G4FKA
WR5AY	N2CJN	CT3FT	KR4Q	JF1IRW
XE2NL	NA5DX	K4EZY	KW1DX	SV1RK
XE3DX	NE5S	KE6NDG	N2NS	VP2MJD
	NI5F	N1KI	UW5ZM	W4WT
88	NN7RM	N2NWS	VY2HF	
AA4QE	W8GOC	VE2WBK	W5TTY	72
AE0DX	WB3IGR	W8PU	W6TCP	AB1QB
AE4OF	WB8JAY	W8SGR	W7AM	N4II
AF4MI	WF4W			PV8ADI
K1RS	XE1RBV	83	79	
K3TN		AA6E	K4RW	71
K4XD	86	DL5XJ	KP4N	HB9EFK
K7CTV	AG1T	K1LH	N2COP	K0GW
K7WV	K7FB	K4SQC	N5YJZ	K4GK
K7ZVY	KA9OKH	K6JJ	N9RC	K5WPN
K9JF	KB7JJG	K8SIA	VE3CFK	W2YR
KB2KIR	KI6HQT	KB3HHA	W2GW	W3FGP
KC1GWX	KN4MMH	KB9LIE	W2SKI	WC5M
KC3MLC	KP4TB	KK7BV	WN0L	
KE7RTB	KT1R	KU4WW	78	70
KE8UM	N2NF	TG9AKH	K2QPN	GI4SJQ
KI2D	N3MVF	W7USB	TG9AWS	K4BNC
KI4RFM	N8TFD	WD6T	W4NE	KC0ZRX
KJ4KW	NZ3O	WD9IOK		W2LV
N1CEO	VA3MDB	WI6Z	77	W2QO
N2MKT	VA7LM	XE1MM	K11FJ	W4GP
N2ZN	W8IW		MI0AYR	
N4CAG	WA1PMA	82		69
N4GN	WA4USA	AD4IE		K3WGR
N4KIN	WB4GCS	CB0ZA	76	WD4LBR
N4UC	XE2AU	K4JMX	K0WYN	
N5VBK		KC5YKX	KI4CYB	68
NS3X	85	KG4KVZ	KI7WXP	AA4S
NT4TN	EI3IO	N1SF	N1GNB	EH7CD
VE2VLJ	K1UU	PU8TEP	N2MH/4	K6CF
W2BZR	K4LRP	W5DAS		KW4OV
W3YX	KB3MXK	W7YOZ	75	
W4DL	KC0V	W8GG	G4RGK	67
W4RXR	KE4DRF	WA2ONG	K3PP	W7YED
W7HDD	KK4AND	ZS6NK	K8QM	
WA2BTR	N2RJ		N5GH	

66 K6KLY KK4YEL	54 AG4KI	WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V KJ4EU OE3SGU VE6TA (DO31) W0HBH
65 JA1XEC K5EJ N7UJJ OK1MP W4CCS	53 K0BBC PP1CZ	39 AA5PK YL2JZ		
	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 IZ4DPV KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM
64 JG2TSL	50 N6DW	37 BA7NQ JA9APS	26 WB7QXU	16 N6VHF
63 EA1DR KB0RFY	48 G8BQX JA9KRO K5XI KI5KC N6DBF N8MR NP3IR YY4DNN	36 JA1WSK JH9DRL OH4UI	25 EA4/K1WE	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN UT3UA UX0DL WC2C
62 IZ8EDJ K4DXA		35 G14OWA LU9DO	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	
61 CU3AN N0GVK SP5QWB UX1UA	47 HB9RYZ	34 G4SEU HB9ALO LA2QM UR5WA	23 GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK	14 HB9FMN JA2XCR KB8DVT PV8RR PY2OC W9TTY
60 KP4JFR S55DX UR9QQ VK4CZ	46 LU2DX	33 HL2IFR W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	13 K4WY PY2MC W4PWF
58 HB9BIN KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	32 N3LRH NP4TT SM6WET	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW PA7RA ZS6WB
57 HL2EIZ IK1ZOF N5LJL	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	31 HA5PT	20 CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA	
56 EA5BY KI5WA LU8ADX NI6T	42 TF3JB	30 E72X JL3LSF JO7WXN WA6DNR		
55 JL3MCM LA3MHA US5WE WA2EMF	41 K0BBC/R N6PAZ	29 HL2WA JE1VTZ OE4VIE SP5APW	19 EA6BB JI4WAO JR3UIC PY2HN SP8NR	11 A65BR DL1TS DL2OE EA4DAU EA4ZK

G4CTY	EA7ZY	2	JL2ULM
IZ4GWE	IK8GYS	5B4ALJ	JN3ONX
JA2KVB	JE1LFX	7J1ADJ	KC3KJQ
PY2DV	JI5USJ	9A2GA	KG4JSZ
PY2GM	JJ1IDW	9K2NO	KH6WI
SP5XMU	KB8VAO EN91KT	BV6CC	KP4DER
	M1VPN	CO6CBF	MM0INH
10	MU0GSY	DF8FT	OK1UU
DL4CF	OK1IN	DK1CO	ON6NA
HB9BOS	ON5UE	EH4BPJ	OZ1IKY
PA5KT	PP2RON	ES8JX	PU5SVE
SV2DCD	SK6QA	F5TMJ	SM3GBA
TF3Y	VE2NGH	G0THY	SM6LPG
UR7DWW	VR2XMT	G4DDL	SQ5NRY
	W1ZR	G8GNI	UN8G
9	W2ZF	GI4ONL	UR5EDX
DL7BA	YL2CZ	IK1IYU	VR2VGM
EB1EWE		IK2GOQ	WB7VUF
EC7ZK	4	IZ8XQC	YO8WW
G6BFP	CT7/RC2A	JA6AVT	
JA1MZL	EK/RX3DPK	JA6SZV	
JA2FGL	F1DFR	JA9FAI	
KB4YKC	IV3GOW	JP1HDK	
KD3UY	JG1JPE	K7LY	
	JH7IPR	KEN IN NEBRASKA	
8	JK6DXD	LA2CQ	
DK2LO	S51NM	OH3KAV	
JA1CPU	UT5EL	SV1XV	
JE3PCP	XE1SAX	SV3FUO	
N8RO		YB2DX	
OH8LXT	3	YL2KF	
	DF1ZN		
7	DJ5AV	1	
G8APB	DL2KQ	3A2MW	
HB9GWJ	EA1AR	9A2EY	
IZ0INX	EA4D	BD4UJ	
JA2NDQ	G3LHJ	CT1AHU	
JI2UDK	GM4CFS	DH8BQA	
JJ2NWI	HA9PP	DJ3ZF	
LA3DV	HL2ZN	DL2DCX	
N5ORT	IK0WRB	DL4ZAB	
NJ4Y	IK3ITB	EA3WD	
ZS4TX	IK8EPC	EA4GQS	
	IW3GJF	G4VSS	
6	JH7IMX	G6MXL	
CT2FEY	JM1GHT	G7SQS	
DH0GSU	JN1BPM	G8TTI	
DL1TRK	JR6IQI	IK5BSC	
DU0A	PY5IP	IW0AFS	
EA8MT	SA7CJO	IZ0BTV	
EI2JC	SV1VN	IZ3DBA	
JA7NGE	W1CBY	IZ5FSA	
PY2VA	WD9EWK (DM43)	JA1GZK	
	YB1TJ	JA7DPC	
5	YL2CA	JA7VXB	
DL5LH	YL2MU	JH8XVT	
EA1AAA		JJ1PFC	