

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 (28 Aug 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	484	474	460
AA0MZ	W5AJ	AD6D	W6XK	K4SO
AA5AM	W5EME	K7BG		
AA5C	W5FF	KM0T	473	459
AA7A	W5KI	W5VY	N4TB	N5NA
AI5I	W5OZI	W5ZN	NQ7R	XE2K
K0GU	W7GJ		WB0O	
K1TOL	W7JW	483		458
K4PI	W7KNT	AC0RA	472	K9NW
K4XO	W7MEM	K1USA	AI1K	KG5THG
K5RK	W9FF	W0VTT	KB7ME	N9BCA
K5UR	W9JN	W5TRL	N7ZO	
K5WE	W9RM		WD8JJA	457
K7CW	W9XX	482		NI0G
K7ULS	WD5K	KX4R	471	W3UR
K8SIX	WQ5S		ND4X	
K9CT	WS9V	481		456
KA9CFD		W9VHF	470	N4JQQ
KA9FOX	487		WO7R	N9PGG
KD5M	K0SIX	480		
KG5CCI	K1TO	K5GZR	467	453
KM0A	K7MAC	WA7HQD	AD1C	K4YMQ
KO9A	K7TM	WB0ULX	N5EKO	KB9DAK
KR7O	K9YY	XE2OR	WE9R	W5XC
KV5W	N0AKC			
N0LL	N7CW	479	466	452
N0LWF	N7IR	N5WS	KA0JGH	N5BO
N0PB	N9ISN	W5WVO	KB6NAN	N9BX
N0TB	NA6L		WB9CIF	NE1B
N1AV	W3IP	478	WX7M	
N3SL		AE5B		451
N3XX	486	AF5CC	464	K5WBM
N5DG	KY7M		KB9OWD	
N5OMG	N0KE	477		450
N6JV	N7KA	K0BJ	463	AJ4F
N7NW	WD5COV	KC7V	K4MY	W5THT
N9LB	XE2CQ	NC6K	VE3EK	
N9UM		W9RM		449
ND0B	485		462	KF6HI
W0FY	K0TPP	476	K6ZH	W8TN
W0JW	K5ND	KC7QY	N6ORB	
W0LGQ	K9MU		NY0V	448
W3CP	N0POH	475		W3LPL
W4UDH		N4WW	461	
W5ADD		N5KO	NA9RB	

447 AH0U K4HB KS7S N4SC	N9FN W3TC WB8ART	WB8BPU	407 W4AS W5CIA	392 AF4HX N4UFO W6OMF
	435 KF6A	422 VE6WQ WB5JID	406 AK3E K6FG	391 AD5A N1EVK W4AVY
446 K1HTV K6EID N4QS NV4B WB7CJO	434 K1SIX K8ROX KF0M	420 VE3LYC	405 AA4SC K3FRK K5CKS NE9U W0MU	389 K8JH
	433 NA6MG W3LL W9WO	419 K7NN W0GN W5AL	404 N2ZX VE4EAR	388 K0IP W4WRL
445 K3SX K4XP K7PI KU7Z N8OC	432 K6G XO N6KK	417 NJ6D	403 AA1ON NH6T/W4 W5PR	387 KV4T N4CH
	431 K0TLM	416 K4RWP K7ND KO4MA	402 K3FM	386 N7IJ NN4R W5TFW W7AH WE4S
444 N7BAV W4DR	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB W0GJ	401 K4CKS	385 NK1K VE6MB W4WTA
443 AB4IQ N4MM	429 WA5JCI	414 K0DEQ K7KQA N0GZ WW1L	400 W0JRP W0RH W3UUM	384 AB4SF K1GG K8ROK W7FI
442 KP4AJ N2QT	428 K5RT K9APW N2NL	413 AE5FM WA9LFO	398 K7SMA N8IEZ	382 K5PI VE3YXO
441 K8TB K9KLD KD3CQ	427 N4LR NM5U	412 VE2XK 6M FN07PJW1NG	396 K6VHF KB8U	381 AG4W W3VZ
440 AG9S N4TL W2IRT WA1EAZ	426 K4ZOT K8ZR N5OK W5JAY	411 N9EAT	395 AA5XE K0AZ KF7CQ	380 K7MCX NE6I WA5LFD
439 K8ZM WA9DU WB8ZBT XE2X	425 K6ML	410 K5XI KE7SW KE8KMX KI8G N4HN	394 K2TER KT8O	379 KI0E KZ2I N8WNA W6TMD
438 K9MK	424 N4UFP N9AKR W3EP	409 N5SYV	393 K7XC W4TV	
437 KK4MA	423 AJ4A	408 W7BA		

378 WR7X	366 KI7JA	XE2ML	NU6S W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G
377 NT9E	365 K4JJW K7XB KG7CW WB4EVH	351 AA4FL K5DTC	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	328 K6ME N5PT W2CNS WB3LHD
376 AA5JF K8GI K8VFB N2WK N3OC	364 AB5EB N6QQ	350 N6VI N8YO	335 AK0MR K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	327 KF9UG KJ5RC N0YO W2JU
375 K6QG WB4OQX	363 W4NH	346 W8LMG	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
374 AB1OC KV7K N6GP N7DB	362 W1JR WA5OLT	345 KB1EFS VE7BV W3XY XE2YWH		325 WA2AEY WB4KTF
373 K4SSO	361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	344 AC9DX K6FW KB0PE N9XG W1OW		324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY
372 NY1V W5MO	360 AA4FF K6UM (CN85)	343 AB4EJ K5EK N3RC W2HRO	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	323 N8II W8KEN WO2T
371 JA7QVI WA6BYA	358 K5RLA K6EME KG8P NK0S	341 KD7DCR NX7U WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	322 AA8SW VA6SZ
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	340 K0RAR KE4TH N0AN	331 K1GJQ K8WDA KC0UDO N4MW	321 NC7B NS4C W9VA
369 KF8UN N2DPF	355 AB9BH KD5XB	339 KE4BKL N8LRG VA7FC W5VAS	330 KB8MBC KG6AY W8PI	
368 K0DD KB0V W5RCI W6GMT	353 AF2K K0CS K8EB	338 VE3SXE WA5KBH		
367 AA4ZZ KC4HW KR4BD W7YAQ	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP	337 K8ZES		

320 K0VG N4DW	309 AA4LR	299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	289 K4MM K9FA N5BCA NQ7G W4LTJ	W8GJ WA4NVM XE1FAS
319 N7US W4ER	307 KE5K NA5Z W3ATV W9RPM			278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
318 N3ALN W4HY	306 K4QE K6RO N0LD WB0OQV WV9L XE1AO	298 AG1A KD4WSC N4IQ	288 K1NU N6AR W1DU W4HLR W7YA	
317 KA8SYV W1SKU W3HDH		297 DK8NE KE8Y N8YQX N9LF	287 K8DP KC7MRQ N8CGY	277 AC7JM JR1LZK NS4T PV8DX
316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KF2T KT1J WA9M	296 K4XR K6YUI KC7RW	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO
315 K5VH NY2NY	304 K6IPF W4FC WA0GUD	295 JG1TSG KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
314 KU4XO VE3XN	303 EA8DBM K1ST K8TGC K8TL N7LAN	294 K6JSV		
313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN WA1NLG	302 KB2TGU N3KN W3TI	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA WA0FQK WB0CQO	274 KB1DMX XE1YY
312 AF6O KA2GOJ	301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH
311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	291 KS4S W1WHL W2CCC	281 K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV
310 N1NK NJ7G W9KVR WO4DX		290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KM3V W3HHN
			279 AA8MA N3JPU W0VHF (EL87)	270 K4SPD KC9FQD KV7N N2LIV W4QK

W5DNT W7JY WZ9B	261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C W3SW XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA	251 AD5JK HC1BI K1NJ KG7NV NN4SS	242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L
267 K0CAO KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K2HAT NA2NY VE3MSC WB7ECS	250 AA9LC K5KEW KL0S NW6R	241 N6NU W5LO	232 K5FO N0FJP N9NJY
266 K1OA K1WVX TG9AJR WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	240 AB5GU KG5EIU K10HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 K4MIJ K5VR K6HEW KF6GYM W9XT
265 N5KS W7CT WA8MCD	256 N8ZJN W9TA	248 K1ZZ W6VFA	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
264 AC8L K4JAF N0TK NF1O	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE	247 W3TEF	238 AA3GM AE4WG JP1LRT MD0CCE	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
263 AK4PR K9AAA WB7QBS	254 N7QOZ VE3OTL WD5ITW	246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	237 K3KO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
262 K3CWH KD8JSP N4ST ND4DX WA0KBZ		245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	227 K3HPA K8ZT

K9TF	219	NE8S	N8SYF	XE2W
KS9A	K1DT	VE3SMA	NR0Q	195
W4KXY	K2RKJ	W2ZDP	W1RM	AA4W
W5LUA	KE5RV	W5HNC	W9GFB	JA7MSQ
XE1GLL	W6DPD	W6AER	W9VOB	K2WJ
226	W7ZSL	W6KAP	WA1KPD	K6VDP
AF5WN	WB2WIH (FN20)	210	202	KG6WIK
GD0TEP	218	K3MSB	K1BZ	194
JM1SZY	K1XH	K9YC	K5GJR	K2MRK
N7CNH	K4IJQ	KL7NO	WC7X	K3EA
N8UR	K5HPT	N1SV	WF8Z	N3FA
NM5S	KB8KVJ	N1TQ	WQ5W	N9NFT
W0VX	KC0VDY	N6UK	201	WF1H
W8RD	NA5C	WQ9T	AA7WB	WK8A
WQ6Q	217	209	KC5FP	193
225	ND4V	AA4IB	KO9V	K7PT
AC9O	W4DEE	W5WGF	KR0I	K9AB
K9QJ	216	WA4NFO	NN0K	192
KX9X (EN50)	K7RB	XE2N	NR2C	N1LF
N2WSY	N0IS	208	WA1MKE	N2NB
W8AKS	N6PM	AI2N	WA9ASZ	N3CAL
WN6W	NE1F	CO8DM	200	N3NR
224	W4HFZ	KD5HIO	4A2MAX	N4LXB
IT9IPQ	W5RWF	PV8ABC	K4YJ	N4TV
JA8ISU	WA2OTC	207	N5AO	W6MTR
K9MQ	215	N1BCL	N9AG	W8FN
NJ8J	AL7OC	N8NJA	VA3VU	191
223	K2SX	206	W1AW	K0ITC
K7UA	KI5FJ	AB0CT	199	K9CS
NJ7A	N2YU	AK4Y	N3KFV	KK6OH
222	N5PA	CT3MD	W4OEP	N9AMW
K0YY	N6KW	K4GHS	WB0YEA	WA2BKN
K2TV	214	K9YC (EN61)	198	WA5CAM
K3AJ	KB9PJL	KB0LYL	AC8TO	WD4JHD
KA1LMR	PV8AZ	NA5Q	JR2HCB	190
KD4K	VE3SYK	W0BNE	N0UK	K5DB
WA2BOT	WA7AJ	W4EJG	N7EPD	K5ER
221	213	XE1J	NX0I	KC2DLD
K5WMH	K3DFL	205	WA7KYM	KK8MM
K6CQR	KI6X	AF4OD	197	N5SMQ
N0PSJ	W0NBC	K8SD	K3EGE	N9UA
N4ION	212	KE4HOA	N4BAF	W1ATV
N5UWY	AB5C	N5ITO	W3TW	W2OO
W4IFI	JF8QNF	N9ATF	W5CTV	WB0DBS
W5JMW	KF7NN	W8QID	196	189
220	N2OA	203	K0AIZ	KC0MEA
K7BTW	211	K0VSV	K0NR	W3SZ
N7XCZ	JR3REX	K5HYT	N5DUW	WA5VKS
	K9FOH	K5LOW	W2AMR	
		N0HF	XE2ED	

188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	WA5IPS WW2R	NY4I VE3HHT W8KNO WA3DRC	WB0WAO
187 AA8R KD3HN KQ0J	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR	168 KG5ZMQ W2PD W8WEJ	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG
186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	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	160 JA1AFR K5IQ N3FX
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD W9JJ WY7FD	173 K2ZZ K5YPV KE4SCY	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 K4MZ NS7B W1EME W4TTO WB8NUT
184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC	158 K8CR KI0D N2CG
183 K5RQ N0UBL W2UDT	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB
182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V	163 K2JF K2YSY N5XZ	162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z	156 K2KJ N3RN N9KO VE7VDX
181 AB9FN K4CMS K5HDE	169 K6XC KD5OMJ N2BEG N5XES N7PHY	155 AE4M K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	154 AE4NT KB9VMW KD2NF W3ZQN	153 AA4NC

AB4GG	VE3CX	K9ATX	K0XXX	WN6K
K7AD	W4YCC	KT8TD	K4SX	
K7ZD	W5WOX	N9FIV	KC5LK	131
KW0A	WA0VPJ	W4FS	KC9AXZ	K3NAT
N1OFZ	WA3YGQ	W4POT	KJ5RM	KG9R
N2ADV		W6ZI	KV1E	N2CJ
N6DHZ	146	WB9WHQ	NO1R	
W3DQS	K2GW	WR7AY	W2JCN	130
W5FI	K8YTO		W4AVV	AB0X
W9ILY	KB0YH	140	W7UV	AK8CW
WB5ZAM	KB5ZEA	AC5DK	XE2JS	JA3LZS
	KC2TN	BA4SI		JR1BAS
152	KM5TY	CO2WF	135	K0GUR
AA6I	N4HID	CT1BWU	CU3EQ	K4JKB
N0RC	VA2RC	K1UO	K4MWB	KC4NX
N1NUM	VE1VOX	K7SAM	K8ZIZ	KE8RJU
N2WM		KC0MEZ	LY3W	NG9R
NU1T	145	KC8TMU	N4DB	VE1DX
UT7QF	KD7YZ	KJ4KVC	N8XE	VE2TZT
W6IA	V31MD	N1EN	W6BXQ	W0PHX
WO4G	VA3TTX	N3VOP	WB8BZK	W2LES
	WA4JA	NJ0U	WW2DX	W3FEY
151		OE6IMD	XE1H	WA2SEI
KO0Z	144	VE3KY		WB4YDL
W1ZT	K0TLG	W4TUN	134	WW5W
W2DXE	K5TDW	W6DQ	AB1NS	
	K6JRA	WA4KXY	AB4GE	129
150	K8MN		C6ABB	8P6ET
N9LAH	K8WU	139	GM4UYE	JF4VZT
VE3OAT	N9DI	IZ8FFA	HK3W	K0KD
W7APM	W5MPC	KC7JPC	KE5FXE	K5QWO
	WO7GI	KU0G	N3AIU (DN70)	KC8KSK
149		N7T	N8GOU	KF4NEF
AB6CF	143	NA2AA	W4TKI	KM5LY
I0WTD	K0KVR	NZ6N	WA3WZR	KM5SC
K4SAN	K6JBH	W4OV		N9WBR
KK9H	K9QFR	WB2JIL	133	
W3UA	KB8RJS	WY0V	KA5ETS	128
WB4VHF	N8URE (FM19)		KC1RET	KC7QAG
	NA1VT	138	KE1VT	KJ6SDF
148	W0HNM	AC0XY	KM8V	KN4DMN
AC0DQ	W0UHL	AI6O	W0RT	N1SFE
AG0A	WB0MMC	JA6RJK	W4GE	W0WT
G0OIL	WM5H	KD7WPJ	WI5D	W5ZO
K0RU	142	KE0A	WW7Q	W8FR
K7IU	N2ZA	KE3D	XE2O	WB2WEO
KB2YSI	N5RMS	KE8RO		
N0TM	NA2X	KQ4KX	132	127
N5ZBI	NC4VA	N3XH	AB3CV	AA9RK
W6VNQ (CM88)	PV8AJ		IC8TEM	JR2LJO
WB6RAB	W5SWV	137	K5VG	K3GYK
	WA5TKU	N1SZ	KW4G	K7UV
147	WS4V	N5JGK	N4PPH	K8AC
AF6AV		SM7AED	N7TP	K8OS
IZ1LBG	141		N8IK	KB3OZC
K6PSP	K4AR	136	NE1I	KB9TLV
KC1BUF		AB1QB	VE3TM	KC0RQH

N6UTC	122	118	VE3IRR	W7UP
NO8D	K7AED	J68AS	W2JLK	109
VE2JWH	K7OGW	K4AZV	W2ZQ	AK6ZZ
W1FLD	KA9JAC	KA4LBD	W4ALF	G4BWP
WA6BIL	KB4UF	KF6MXK	W4UFO	IW1ARB
126	KB5WFE	KI7BP	WO2C	K2DSW
KJ7G	KC5UGX	KT8X	WX4US	K2JGL
N0BDS	N5HYV	KW4BY	113	K2OO
N7DGI	VE6PY	N1QDQ	AB4PM	K5DNL
WB4HUC	VE7JAC	N3JNX	AD5MD	K9GY
YL2AO	WD0GTY	N5EIL	K3DQB	KE6GLA
125	121	TF3JB	KD4BPZ	KJ6CA
AA7DK	AE1P	W2AC / WB2ABK	KD6VCD	KZ7N
K3PU	K0MFI	W2AC/WB2ABK	KM5OL	N8TMW
KC5DRI	K4HBI	WB2KSK	N3JDQ	N9TTX
W2AJM	KB2WAL	117	N4YCI	VE3AAQ
W3UQH	KB5MH	AB5J	N5YK	W0YJT
W4DFU	KE4JFS	K4WS	W0BM	W1OP
WA6POZ	NE0P/9	N4USG	W8MSP	W4ZRZ
WB4OMM	UR0MC	N5JEH*	W8VW	W5MPC/1
WE1P	W8DN	N5LPT	WD0ENC	W7RJR
124	WB9TFH	NA7L	112	WB6YIY
K0DLW	120	NU6V	K2MLS	WB9W
K8VA	EA1YO	W6WE	K3GD	108
KB0HH (EM06)	K2CYE	WA1TBV	K5WTA	CF3VRQ
KD5FTD	K4CGY	XE2PXN	KA7T	HB9BZA
KM1C	KD0R	116	N5HMH	JA9IPF
KT5MR	KD4MZM	IK7EOT	W1TR	JP7EIP
N0SL	KD5BRF	K4RGN	W5DQ	K5OPB
N9AZZ	KE4SCY (FM06)	KI6QDH	W6OAT	N3MWQ
PV8AAS	N3YPJ	KU5B	W7IV	N5DD
W0PE	VE1JC	N0VR	W9PN	VE3SUB
W1TAM	VE3XK	NO0B	WA8TWM	VE7IG
W7YM	WA6RAY	W0DHB	WG3K	VY2RU
W9CDL	WD4OHD	115	WX3P	W4AMP
123	119	K9MMS	XE1GK	W4CRN
AC7AF	AE5AU	KE6TVM	111	W5AAJ
K9SM	K0AWU	KF0QS	N0SLT	W8EH
KB0GT	K1ZN	KF9AF	PC3T	W9VNE
KB0STN	K2SQS	KM5FA	W8GBH	XE1R
KG6DHQ	K4MSG	N7VGO	WZ8P	107
VE3TG	K7JIZ	VK9DX	110	JA3EGE
W1HS	KF7PCL	WA3BZT	EA4DEI	K5UIC
W3SE	KP3V	WC7V	K5KR	KF7PG
W4PRZ	KT0P	114	K7LD	KI9A
W5EWF	KW7N	AC8HU	KD5J	KK4LUM
W7MHW	N4UPX	K2RET	KI0F	N3TTT
W8BI	W0QC	K3RTU	KP4JRS	N9OI
W8KHP	W4SW	K9AAN	KQ4LA	NF0T
WA8WV	W5DM	KC4GCK	KX5U	US0KW
WB2RVX	W7QQ	KG9Z	N5TIF	W2ODH
	WI4T	NF8M	N5YM	W2TTT
	WM9M	VE1WOW	W7JET	WB4PPW

106	N1LDY	VE7ZD	KJ5OA	WK5X
K0MEI	N2FBQ	W4RVZ	N3TBB	WW2R (EL09)
K5BJW	N3UPS	W5DPT	N4NIA	
K7BWH	N7AGF	W5OV	N5RZK	98
K7JE	NJ1H	W7UT	N5XTR	AC2RL
KB0TIJ	VE2PIJ	W9NFL	N7EME	AD8Y
KC7ICM	W1TE	WA8EQP	N8COP	K0KC
KE5JXC	W1ZE	WB5FDP	N8XS	K0UD
KJ6MBW	W4KVS		VP2MRM	K3IXD
KK2DOG	W6ZQ	101	W2CH	K3QIA
N0RQ	W9EBK	AE7V	W4/KL7GLL	K4OP
N1USB	W9MDB	K0IN	W4OZK	K5HOB
N2IPH	WB2VUO	K0SBV	W8BZY	KA1EKR
N4CE	WB8BZK/VE3	K0WJ	W9DQ	KE4LGL
N5FPW	WL7OU	K2NUD	WA5TLP	KG4YOU
N5YHF		K5DWI	WV9E	KG7E
N8HM	103	K5HX		KJ2G
N9XMU	AA5CK	K7SYS	99	KK0CQ
VA3OKG	AB0YM	KB1JDX	AB0SD	KY0Q
VE3AJY	AB5SS	KB4KBS	AB3TM	N0JJQ
WB6VYH	K2OY	KC6AWX	K0YO	N1JHJ
WQ9F	K4MVL	KC8CSD	K4KEW	N3LRP
	K6USY	KG8WB	K4WQ	N5TEY
105	K8ZEE	KG9IL	K4ZO	N8AID
AC4Q	KA1W	KL2R	K5VPQ	NO5X
K4SJA	KB0FHP	KR4WM	K7DD	NO8R
K9MAL	KB2SGX	KR7LD	K7PAP	VA3VF
KB3JGS	KC9FFV	N1IX	K9ZZE	W2KRP
KC0JYT	KF0AIJ	N4AOE	KA0ZEE	W6TE
KC4KK	KF4DVG	N8VEA	KC2IEB	WA2FGK
KF4DGS	KR4NO	N9DVS	KC6X	WA3TLT
KJ7TH	N0YXE	ON9CMR/W0	KD4MWO	WB1GQR
N4NQY	N1JIF	VA2LGQ	KD6RUH	WB2YDS
N5SAN	NF6P	W4LLP	KG9AP	WD0E
N7YY	VE7DXG	W5KBD	KR4UA	WH6LR
NE9O	W0TF	W7ISG	M5MYH	WT5H
PU4JOE	W3LEO	WB8IMY	N4FV	WV5Y
VE3VRQ	W6IT	WD5IYT	N5OHL	
W8MIL	W6XU		N7HRT	97
W9RVG		100	N7JPF	AB8M
WA4MYO	102	AC0FT	N7TE	AJ9C
	AA9MY	AI2S	N8GHZ	K0HB
104	AB8JH	AI9U	N8YV	K0JQZ
AB9YC	AD6KH	K2UA	N9MKC	K0QEI
AC5K	K0HAQ	K4UQC	NB5R	K0SH
AC5RN	K3HW	K5GM	NH6CJ	K0YQ
AC9QR	K9AM	K5KV	NI5W	K3HZO (FN20)
IK4DRY	K9OHI	K8IJ	NS2P	K4GTR
K5PPP	KA3ZLS	K9CC	VE2HAY	K4JQU
KB9RNO	KB8CR	KB9ZLB	W2HOG	K8XF
KC1LXO	KC6WFS	KC2HLI	W2VU	KA2BSK
KC2TR	KC8DMN	KC8CC	W5JLC	KA7EII
KD9GKL	KD8NYO	KC9CMT	W6TJU	KC0YBM
KJ7OG	KE1AU	KD3SW	WA1LAD	KD5CKP
KM6WXB	KJ4M	KE5CVM	WA5TRX	KF4KSN
KO4LZ	KR5V	KF0Q	WB5NHX	KM4NYI
N0STP	N1HOQ	KG5X	WB7VVD	KT5WB

N1VMJ	W3VHF	HK4SAN	K1PTF	KE4WBO
N3UMA	W4KK	IK8YTA	K1ZK	KG4URP
N4BH	W4TMR	K0ARM	K2AK	KR7X
N5OTY	W7JHS	K3BEE	K2MTS	N2SG
N6MA	W8DM	K3TUF	K4DAM	N3GH
N9APK	WA3EEC	K4JRK	K5TRI	N4VN
N9IO	WB0M	K4LDC	K6RM	N5QO
N9KY	WB5KJE	K4NNX	K7IP	N6FD
NK7C	WP4LNY	K8GT	K7TRK	N6RPM
NU0Y		K9DOG	KB0USF	N7DED
VA3FIN	95	K9SUL	KC5TGT	NS6E
W3QT	AB9AI	KA2F	KC5TT	UT5JAJ
W4CWA	AE0G	KA9UVY	KC9TTR	W1PV
W4DAS	AE5EO	KB7AK	KC9UL	W2ACY
W4ID	K1PNQ	KC0AU	KD0QG	W2CVW
W7DN	K4ED	KC3AK	KE6AZX	W3ACO
WA6OSX	K8KFJ	KD4VRZ	KE6UMW	W3HZU
WA9LEY	K8ME	KE3WM	KE8RPJ	W4BP
WB8RVK	K8VD	KF0LA	KI0J	W4LIA
WB8ZTV	KD7WH	KG4NLZ	KK7MNC	W6NS
WB9PNU	KD8DR	KU4JZ	N2BX	W8JV
WE8L	KD9ZR	KV3W	N2YTF	WA3JKB
	KF6XA	N0LNE	N3AO	WA4EEZ
96	KI0SK	N0LP	N3ZBK	WM3O
AD5OW	KW9U	N1TOR	N4GOA	
AE4TQ	N1XK	N2SU	N4YHC	91
AK4F	N2SLO	N3JBH	N7EGY	AA0CW
HB9EFK	N2WLS	N3XBG	N7JI	AD3Y
K2CK	N3WAV	N3YUG	N7KSI	CO2WZ
K2UF	N4ET	N5ZMP	NA9D	K1UR
K2UNK	N5BLY	N6HY	VA7QI	K4SPA
K4EQH	N5ENU	N6MXU	VE3WMD	K6YK
K5CRJ	N5KI	N7NH	W0MHK	K7HPN
K8EMR	N9IV	N7UN	W2VTV	K8OI
K9OT	N9LJX	N8WWM	W3ZGD	KB2YWU
KA2NDX	VA3KS	N9DD	W4GPM	KB3IAI
KA3HED	VA3PZ	N9UNX	W4VG	KB3NDS
KB5GI	VE3KZ	VA3MA	W5DMT	KB7AZ
KB8PNS	VE3SPW	VE3RX	W5DWA	KC5POV
KC0HBP	W4YZJ	VE5MX	W7EIR	KC8LGL
KD6PY	W5ADA	VE7AB	W7TRX	KE1IU
KI5TE	W5CBF	W2GR	W9IFW	KE7RTB
KM2O	W5RCQ	W3IPA	W9NED	KG4QWC
KM5NU	W7JWC	W3TA	W9WI	KI3O
KS4V	W9SX	W4LNG	WA5ICA	KI5BLU
KT5RR	WA2ONK	W5ODD	WB5CON	KM7N
N0WVU	WA3I	W5PUF		KM9I
N2LID	WA4WR	WA7LHZ	92	KQ6K
N2VHZ	WB2SIH	WA9BXB	K1EY	N3PPH
N2XK	WD8DOT	WT9U	K5GDX	N3WCM
N8PAQ	WS4S	WV7S	K5TDA	N7CZ
N8YBY	XE2AT		K7FU	N8DEZ
NT2A		93	K7HKR	NR4J
NW5Q	94	AG2A	K7UWR	NU4N
NY2Z	AA4RP	AG6CV	KB0PQP	OE9KfV
VE2DCP	AB4VT	AI8F	KC4JNW	VA2BBW
W1HMM	AD1DX	K0IW	KD4QMY	W2SUB

W4MLN	KI4US	W3YX	K1UU	CB0ZA
W5KDA	KR4U	W4DL	K4LRP	K3RJK
WB0NRV	KT3X	W4RXR	KB3MXK	K4JMX
WB7X	N2GZ	W7HDD	KC0V	KA5WSS
WC4V	N5KAE	WA2BTR	KE4DRF	KC5YKX
XE1GZU	N8YSZ	WA5MD	KK4AND	KG4KVZ
	N9RG	WK3N	N2RJ	N1SF
90	N9UDX	WV8O	N4LS	PU8TEP
AA0LM	NE2U	XE1SOV	NJ1Q	W5DAS
AB4WL	VE3VCF		VE3GFN	W7YOZ
AB9DU	W0HRO	87	VE7DAY	W8GG
AF5BG	W1HY	AC0A	W1WV	WA2ONG
DL1SMA	W2JEK	AG4I	W3STU	
JH4JNG	W2OK	K4JC	W4IT	81
K1HC	W4ZMM	K5UZ	W4RA	AB4I
K1KA	W6VNZ	K5WO	W6ST	DF3CB
K3CWF	W9HT	K6UIP	W7SIR	KE4DZU
K3UAL	WA7SDI	KB1VUN	W8DQ	N6MM
K4AAP	WB3IAL	KC8NAH	W9QY	N7NEV
K4FTP	WM6Y	KE6WOX	WA4WKL	NI4Y
K4XZ	WQ5C	KI6RRD	WD4LSS	W3MC
K8EAB	WR5AY	N0ELA	WF4R	WA4ZXV
KA5TJI	XE2NL	N2CJN		WA8ZNC
KB5FHK	XE3DX	NA5DX	84	XE1EE
KB7BSA		NE5S	CT3FT	
KK4DZP	88	NI5F	K4EZY	80
KW3DX	AA4QE	NN7RM	KE6NDG	AC6BW
N2ULL	AE0DX	W8GOC	N1KI	K7FR
N4BRF	AE4OF	WB3IGR	N2NWS	KE4PT
N5BA	AF4MI	WB8JAY	VE2WBK	KR4Q
N9JJ	K1RS	WF4W	W8PU	KW1DX
VA3XOV	K3TN	XE1RBV	W8SGR	N2NS
W9CPV	K4XD		ZS6NK	UW5ZM
W9CSY	K7CTV	86		VY2HF
W9HBH	K7WV	AG1T	83	W5TTY
WA2BEV	K7ZYV	K7FB	AA6E	W6TCP
WA8OJR	K9JF	KA9OKH	AC9GK	W7AM
WD9HCF	KB2KIR	KB7JJG	DL5XJ	
WE7H	KC1GWX	KI6HQT	K1LH	79
WEST SEATTLE AMATEUR	KE8UM	KN4MMH	K4SQC	K4RW
WH6LE	KI2D	KP4TB	K6JJ	K5JBT
WT4C	KI4RFM	KT1R	K8SIA	KB4DSL
XE3/K5ENS	KJ4KW	N2NF	KB3HHA	KP4N
	N0OK	N3MVF	KB9LIE	N2COP
89	N1CEO	N8TFD	KC1UYZ	N5YJZ
AB1TZ	N2MKT	NZ3O	KK7BV	N9RC
AG2AA	N2ZN	VA3MDB	KU4WW	VE3CFK
AG7NR	N4CAG	VA7LM	N6KTH	W2GW
G4NBS	N4GN	VE7IRU	TG9AKH	W2SKI
JQ1TIV	N4KIN	W8IW	W7USB	WN0L
K4BMM	N4UC	WA1PMA	WD6T	
K5CX	N5VBK	WA4USA	WD9IOK	78
K5JAZ	NS3X	WB4GCS	WI6Z	K2QPN
KA0MWA	NT4TN	XE2AU	XE1MM	TG9AWS
KF4TVL	VE2VLJ			W4NE
KI0G	W2BZR	85	82	
KI4FW		EI3IO	AD4IE	

77 K1IFJ MIOAYR	K4BNC KC0ZRX N6GEO W2QO W4GP	60 IZ4DPV KP4JFR S55DX UR9QQ	46 LU2DX	33 W8GC WB4SON WB8TGY (EN72)
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	32 DM2RM N3LRH SM6WET ZL3TE
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	30 E72X JL3LSF JO7WXN WA6DNR
74 AK8B CX4AAJ KF2TI LU4FPZ TI2CDA VE6SO VK4CZ WC6DX	67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	41 N6PAZ	29 HL2WA OE4VIE SP5APW
73 G4FKA JF1IRW N6DW SV1RK VP2MJD W4WT	66 K6KLY KB4YKC KK4YEL	55 JL3MCM LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA OH4UI WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU
70 GI4SJQ	63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	37 BA7NQ HA5PT JA9APS JH9DRL	25 EA4/K1WE
	62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	36 JA1WSK	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO
	61 CU3AN N0GVK US5WE UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	35 GI4OWA LU9DO UR5WA	23 GM4ILS HB9G K4SLC KP4EIT W8MK
		47 HB9RYZ HL2IFR JE1VTZ	34 G4SEU LA2QM	22 9H1SP

IZ3ENH OE3SGU	PY2OC W9TTY	JE3PCP JJ2NWI N8RO OH8LXT	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ GM4CFS GM4KHE HA9PP HL2ZN IK0WRB IK8EPC IW3GJF JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	OH3KAV SV1XV SV3FUO YB2DX YL2KF
21 EA1YN	13 JE2UFF K4WY	7 DH0GSU G8APB HB9GWJ IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		1 3A2MW 9A2EY BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5TOS EA3WD EA4GQS G4VSS G6MXL G7SQS G8TTI IK5BSC IW0AFS IZ0BTV IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT JI1HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA OZ1IKY PU5SVE SM3GBA SM6LPG SP7EXY SQ5NRY UN8G UR5EDX VR2VGM WB7VUF YO8WW
20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA	PY2MC W4PWF			
	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB			
19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ PY2DV PY2GM SP5XMU	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		
18 AJ6V KJ4EU W0HBH		5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	2 5B4ALJ 6K5XZE 7J1ADJ 9A2GA 9K2NO BV6CC CO6CBF DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ	
17 G3LZQ PY2XAT W0JM	10 AI9L DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW			
16 N6VHF	9 DL7BA EB1EWE EC7ZK G6BFP IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A EK/RX3DPK F1DFR IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX		
15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C				
14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR	8 DK2LO JA1CPU			