

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 Dec 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	W5ADD	484	W6XK	KF0M
AA0MZ	W5AFY	AD6D		
AA5AM	W5AJ	K7BG	473	459
AA5C	W5EME		N4TB	N5NA
AA7A	W5FF	483	NQ7R	XE2K
A15I	W5KI	AC0RA	WB0O	
K0GU	W5OZI	K1USA		458
K1TOL	W7GJ	W0VTT	472	K9NW
K4PI	W7JW	W5TRL	A1K	KG5THG
K4XO	W7KNT		KB7ME	N9BCA
K5RK	W7MEM	482	WD8JJA	
K5UR	W9FF	K0BJ	WE9R	457
K5WE	W9JN	KX4R		NI0G
K7CW	W9RM		470	W3UR
K7ULS	W9XX	481	W07R	
K8SIX	WD5K	W9VHF		456
K9CT	WQ5S	WA7HQD	468	N4QS
KA9CFD	WS9V		VE3EK	N9PGG
KA9FOX		480		W5THT
KD5M	487	K5GZR	467	
KG5CCI	K0SIX	N4WW	N5EKO	455
KM0A	K1TO	WB0ULX		WA9DU
KM0T	K7MAC	XE2OR	466	
KO9A	K9YY		KA0JGH	453
KR7O	N0AKC	479	KB6NAN	K4YMQ
KV5W	N7CW	N5WS	NY0V	KB9DAK
N0LL	N7IR	W5WVO	WB9CIF	W5XC
N0LWF	N9ISN	W9RN	WX7M	
N0PB	NA6L			452
N0TB	W3IP	478	464	N5BO
N1AV		AD1C	KB9OWD	N9BX
N3SL	486	AE5B		NE1B
N3XX	K5ND	AF5CC	463	
N5DG	KY7M		K4MY	451
N5OMG	N0KE	477		K5WBM
N6JV	N7KA	KC7V	462	KD3CQ
N7NW	WD5COV	N5KO	K6ZH	
N9LB	XE2CQ	N7ZO	N6ORB	450
N9UM		NC6K		AJ4F
ND0B	485		461	KF8MY
W0FY	K0TPP	476	N4JQQ	
W0JW	K9MU	KC7QY	NA9RB	449
W0LGQ	N0POH			KF6HI
W3CP	W5VY	474	460	W8TN
W4UDH	W5ZN	K7KQA	K4SO	

448 KP4AJ W3LPL	N9FN W3TC WB8ART	422 VE6WQ WB5JID	K6FG K8EB N4UFO	392 AF4HX W6OMF
447 AH0U K3SX K4HB KS7S N4SC	435 KF6A NA6MG	419 K7NN W0GN W5AL	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A NZ3M W4AVY
446 K1HTV K6EID WB7CJO	434 K1SIX K5XI K8ROX	417 NJ6D	404 AA1ON N2ZX VE4EAR	390 KZ2I
445 K4XP K7PI KU7Z N8OC	433 W3LL W9WO	416 K4RWP K7ND KO4MA WW1L	403 NH6T/W4	389 AB4SF
444 N7BAV	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	402 K3FM K7SMA	388 K0IP W4WRL
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	431 K0TLM	414 K0DEQ N0GZ ND4X	401 K4CKS	387 KV4T N4CH
442 N2QT N4TL	430 K1TEO N5TJ	413 AE5FM WA9LFO	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S
441 K8TB K9KLD WA1EAZ	429 WA5JCI	412 VE2XK 6M FN07PJ	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA
440 AG9S W2IRT	428 K9APW N2NL	411 N9EAT	397 K8JH	384 K8ROK W7FI
439 NM5U	427 K4ZOT N4LR W0RH	410 KE7SW KE8KMx KI8G N4HN	396 K6VHF KB8U	383 KI0E W5MO
438 K9MK	426 K8ZR N5OK W5JAY	409 N5SYV	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
437 K5RT KK4MA	425 K6ML	408 W7BA	394 AA5JF K2TER KT8O N1EVK	381 AG4W W3VZ
436 N4QWZ	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA W5PR	393 K1GG K7XC W4TV	380 K7MCX NE6I WA5LFD

379 AB9BH N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI
378 WR7X	366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	338 N9JR NA5Z VE3SXE W9XA WA5KBH	330 KB8MBC KG6AY W8PI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD AA8SW N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	328 K6ME N5PT W2CNS WB3LHD
375 K6QG WB4OQX	363 W4NH	349 KA0BAD	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W9GKA WA7PDC	327 KJ5RC N0YO W2JU W7YA
374 KV7K N6GP N7DB	362 W1JR WA5OLT	346 N9XG W8LMG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
373 K4SSO NY1V	361 AC9DX K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	333 KM4HI KN4NN N0IGZ W3GQ	325 WA2AEY
372 JA7QVI	360 AA4FF K6UM (CN85)	344 K6FW KB0PE W1OW	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO	323 N8II W8KEN	
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	341 KD7DCR NX7U WA7YAZ		
369 KF8UN N2DPF	355 KD5XB	340 KE4TH N0AN		
368 K0DD KB0V W5RCI W6GMT	354 N3AIU (DM45)			

WO2T	KM3T	300	291	K4OY
322	KS4XQ	AA4V	KS4S	NL7CO
N3ALN	W2BZY	K0PHP	W1WHL	W2YE
VA6SZ	W5DB	K0SRL	W2CCC	280
321	310	KB6VFC	290	N0KV
NC7B	N1NK	N1RR	JE1BMJ	NM5Z
NS4C	NJ7G	WA2BAH	WA8EFK	W1FKF
W9VA	W9KVR	WX0Z	289	279
320	WO4DX	299	K4MM	AA8MA
N4DW	309	DK8NE	K9FA	N3JPU
319	AA4LR	VE6WK	N5BCA	W0VHF (EL87)
KF2T	308	W1LE	N7RO	W8GJ
N7US	WA4HFN	W5SUM	NQ7G	XE1FAS
W4ER	307	W8UV	W4LTJ	278
318	K1ST	WB5GVY	288	AA9D
W4HY	KE5K	298	K1NU	AJ4W
317	W3ATV	AG1A	N6AR	K3JT
KA8SYV	W9RPM	KD4WSC	W1DU	K3WA
W1SKU	306	N4IQ	W4HLR	KV7N
W3HDH	K4QE	297	287	N0LNO
316	K6RO	KE8Y	K8DP	N8BJQ
K3FN	N0LD	N8YQX	KC7MRQ	NN1N
KA0ABA	WB0OQV	N9LF	N8CGY	277
W4UCK	WV9L	296	WA4NVM	AC7JM
W9BWR	305	JG1TSG	285	NS4T
315	K3VAT	K4XR	K5CZD	PV8DX
K5VH	K6UM (CM88)	K6YUI	K9UO	276
NY2NY	KT1J	KC7RW	XE1YY	HC1BI
XE1AO	WA9M	295	284	K2CS
314	304	KE4P	AB0RX	K5TWJ
KU4XO	K6IPF	N7NT	K0KP	K7TAB
VE3XN	WA0GUD	294	K4DET	W9OO
313	303	K6JSV	KX7L	275
K0TC	EA8DBM	W7IMC	NJ2F (EL96)	K1MAA
N2ZZ	K8TGC	293	283	K2NJ
N6NR	K8TL	K2UU	K2BLA	N4GG
N7UVH	N7LAN	K3AX	N5OHL	W0FK
NF4A	302	K4KJZ	WA0FQK	274
W4GLV	KB2TGU	KL7HBK	WB0CQO	KB1DMX
W5RKN	N3KN	N4JJ	282	WA8MCD
312	301	N4MI	AA0ZP	273
AF6O	N0HJZ	W2GKR	K0CAO	KM4H
KA2GOJ	W7IB	W4VC	K0PG	KV1J
311	W9OBG	WA2IIE	K5TA	VE6SH
AC9S	WA8ZID	292	N8JCM	272
	WB0TVY	KJ6P	W4WM	KF8QL
		W1SSN	281	KO4PRE
			JR1LZK	N4SV

271 K7NII KB7FUV KM3V W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE	K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	237 K3KO
269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP	253 KG4ERR N2XQM	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK K1NJ KG7NV NN4SS	242 AE4WG K3WW KA3TCC	234 KE6FCT
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	241 N6NU W5LO	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ W2LV	240 AB5GU KG5EIU K10HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 IT9IPQ K5FO N0FJP N9NJY
264 AC8L K4JAF K5KEW N0TK NF1O	256 N8ZJN	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	231 AI9L K4MIJ K5VR K6HEW KF6GYM W9XT
		247 W3TEF		230 K1ZE KO4MM VA3XJ WB0WAO/8
		246 JA1UAV		

229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	KD4K WA2BOT	213 K3DFL KI6X W0NBC	205 AF4OD K8SD KE4HOA N5ITO W8QID	N7EPD NX0I W8DM WA7KYM
228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	204 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV
227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK
225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
224 JA8ISU NJ8J	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	193 K7PT K9AB
223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	207 N1BCL N8NJA		192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
222 K0YY K2TV K3AJ KA1LMR	215 AL7OC K2SX KI5FJ N2YU N6KW	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD

190 K5DB K5ER KC2DLD KK8MM N9UA W1ATV W2OO WB0DBS	W2UDT 182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL	K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG 176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V 169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	163 K2JF K2YSY N3FX N5XZ 162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO 161 K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG
189 KC0MEA WA5VKS 188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	175 PV8BR 174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ W2PD W8WEJ 167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	160 AB1QB JA1AFR K5IQ
187 AA8R KD3HN KQ0J 186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI 179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY 172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT
185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD W9JJ WY7FD	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ	165 K4DXT KD5HPT N1JFU W0RIC 164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	158 I0WTD K8CR KI0D N2CG 157 K4FX KB8GC KC2WUF WA7NB
184 4O3A AF5Q K0DEW KR4M N1IBM N4BG 183 K5RQ N0UBL	177 AG4ZE			156 K2KJ K9OHI N3RN N9KO VE7VDX

155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI W6VNQ (CM88) WB6RAB	N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	W4GE WI5D WW7Q XE2O
154 AE4NT KB9VMW KD2NF W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF PV8AJ VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA N5RMS NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV 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	131 JR1BAS K3NAT KG9R N2CJ TF3JB
152 AA6I N0RC N1NUM N2WM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W
151 KO0Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR
150 N9LAH VE3OAT W7APM			133 KA5ETS KC1RET KE1VT KM8V W0RT	128 JR2LJO KC7QAG KJ6SDF
149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS			

KN4DMN	K9SM	K0AWU	KM5FA	PC3T
N1SFE	KB0GT	K1ZN	N7VGO	W8GBH
W0WT	KB0STN	K2SQS	UW5ZM	WZ8P
W5DM	KG6DHQ	K4MSG	VK9DX	
W5ZO	VE3TG	K7JIZ	WA3BZT	110
W8FR	W1HS	KF7PCL	WC7V	EA4DEI
WB2WEO	W3SE	KP3V		G4BWP
	W4PRZ	KT0P	114	K5KR
127	W5EWF	KW7N	AC8HU	K7LD
AA9RK	W7MHW	N4UPX	K2RET	KD5J
K3GYK	W8BI	W0QC	K3RTU	KI0F
K7UV	W8KHP	W4SW	K9AAN	KP4JRS
K8AC	WA8WV	W7QQ	KC4GCK	KQ4LA
K8OS	WB2RVX	WI4T	KG9Z	KX5U
KB3OZC		WM9M	NF8M	N5TIF
KB9TLV	122		VE1WOW	N5YM
KC0RQH	K7AED	118	VE3IRR	W7JET
N6UTC	K7OGW	J68AS	W2JLK	W7UP
VE2JWH	KA9JAC	K4AZV	W2ZQ	
W1FLD	KB4UF	KA4LBD	W4ALF	109
WA6BIL	KB5WFE	KF6MXK	W4UFO	AK6ZZ
	KC5UGX	KI7BP	WO2C	IW1ARB
126	N5HYV	KT8X	WX4US	K2DSW
KJ7G	VE6PY	KW4BY		K2JGL
N0BDS	VE7JAC	N1QDQ	113	K2OO
N7DGI	WD0GTY	N3JNX	AB4PM	K5DNL
WB4HUC		N5EIL	AD5MD	K9GY
YL2AO	121	W2AC / WB2ABK	K3DQB	KE6GLA
	AE1P	W2AC/WB2ABK	KD4BPZ	KJ6CA
125	K0MFI	WB2KSK	KD6VCD	KZ7N
AA7DK	K4HBI		KM5OL	N8TMW
K3PU	K6USY	117	N3JDQ	N9TTX
KC5DRI	KB2WAL	AB5J	N4YCI	VE3AAQ
W2AJM	KB5MH	K4WS	N5YK	W0YJT
W3UQH	KE4JFS	N4USG	W0BM	W1OP
W4DFU	NE0P/9	N5JEH*	W8MSP	W4ZRZ
WA6POZ	UR0MC	N5LPT	W8VW	W5MPC/1
WB4OMM	W8DN	NA7L	WD0ENC	W7RJR
WE1P	WB9TFH	NU6V		WB6YIY
		W6WE	112	WB9W
124	120	WA1TBV	K2MLS	
K0DLW	EA1YO	XE2PXN	K3GD	108
KB0HH (EM06)	K2CYE		K5WTA	CF3VRQ
KD5FTD	K4AU	116	KA7T	HB9BZA
KM1C	K4CGY	IK7EOT	N5HMH	JA9IPF
KT5MR	KD0R	K4RGN	W1TR	JP7EIP
N0SL	KD4MZM	KI6QDH	W5DQ	K5OPB
N9AZZ	KD5BRF	KU5B	W6OAT	N3MWQ
PV8AAS	KE4SCY (FM06)	N0VR	W7IV	N5DD
W0PE	N3YPJ	NO0B	W9PN	VE3SUB
W1TAM	VE1JC	W0DHB	WA8TWM	VE7IG
W6SCQ	VE3XK		WG3K	VY2RU
W7YM	WA6RAY	115	WX3P	W4AMP
W9CDL	WD4OHD	K9MMS	XE1GK	W4CRN
		KE6TVM		W5AAJ
123	119	KF0QS	111	W8EH
AC7AF	AE5AU	KF9AF	N0SLT	W9VNE

XE1R	104	AB8JH	K2UA	NB5R
107	AB9YC	AD6KH	K4UQC	NH6CJ
JA3EGE	AC5K	K0HAQ	K5GM	NI5W
K5UIC	AC5RN	K3HW	K5KV	NS2P
KF7PG	AC9QR	K9AM	K8IJ	VE2HAY
KI9A	IK4DRY	KA3ZLS	K9CC	W2HOG
KK4LUM	K5PPP	KB8CR	KB9ZLB	W2VU
N3TTT	KB9RNO	KC6WFS	KC2HLI	W5JLC
N9OI	KC1LXO	KC8DMN	KC8CC	W6TJU
NF0T	KC2TR	KD8NYO	KC9CMT	WA1LAD
US0KW	KD9GKL	KE1AU	KD3SW	WA5TRX
W2TTT	KJ7OG	KJ4M	KE5CVM	WB5NHX
WB4PPW	KM6WXB	KR5V	KF0Q	WB7VVD
	KO4LZ	N1HOQ	KG5X	WK5X
106	N0STP	VE7ZD	KJ5OA	WW2R (EL09)
K0MEI	N1LDY	W4RVZ	N3TBB	
K5BJW	N2FBQ	W5DPT	N4NIA	98
K7BWH	N3UPS	W5OV	N5RZK	AC2RL
K7JE	N7AGF	W7UT	N5XTR	AD8Y
KB0TIJ	NJ1H	W9NFL	N7EME	K0KC
KC7ICM	VE2PIJ	WA8EQP	N8COP	K0UD
KE5JXC	W1TE	WB5FDP	N8XS	K3IXD
KJ6MBW	W1ZE		VP2MRM	K3QIA
KK2DOG	W4KVS	101	W2CH	K4OP
N0RQ	W6ZQ	AE7V	W4/KL7GLL	K5HOB
N1USB	W9EBK	K0IN	W4OZK	KA1EKR
N2IPH	W9MDB	K0SBV	W8BZY	KE4LGL
N4CE	WB2VUO	K0WJ	W9DQ	KG4YOU
N5FPW	WB8BZK/VE3	K2NUD	WA5TLP	KG7E
N5YHF	WL7OU	K5DWI	WV9E	KJ2G
N8HM	103	K5HX		KK0CQ
N9XMU	AA5CK	K7SYS	99	KY0Q
VA3OKG	AB0YM	KB1JDX	AB0SD	N0JJQ
VE3AJY	AB5SS	KB4KBS	AB3TM	N1JHJ
WB6VYH	K2OY	KC6AWX	K0YO	N3LRP
WQ9F	K4MVL	KC8CSD	K4KEW	N5TEY
105	K8ZEE	KG8WB	K4WQ	N8AID
AC4Q	KA1W	KG9IL	K4ZO	NO5X
DS4EOI	KB0FHP	KL2R	K5VPQ	NO8R
K4SJA	KB2SGX	KR4WM	K7DD	VA3VF
K9MAL	KC9FFV	KR7LD	K7PAP	VE4XTZ
KB3JGS	KF0AIJ	N1IX	K9ZZE	W2KRP
KC0JYT	KF4DVG	N4AOE	KA0ZEE	W6TE
KC4KK	KR4NO	N8VEA	KC2IEB	WA2FGK
KF4DGS	N0YXE	N9DVS	KC6X	WA3TLT
KJ7TH	N1JIF	ON9CMR/W0	KD4MWO	WB1GQR
N4NQY	NF6P	VA2LGQ	KD6RUH	WB2YDS
N5SAN	NN2D	W4LLP	KG9AP	WD0E
N7YY	VE7DXG	W5KBD	KR4UA	WH6LR
NE9O	W0TF	W7ISG	M5MYH	WT5H
PU4JOE	W3LEO	WB8IMY	N4FV	WV5Y
VE3VRQ	W6IT	WD5IYT	N7HRT	
W8MIL	W6XU		N7JPF	97
W9RVG	102	100	N7TE	AB8M
WA4MYO	AA9MY	AC0FT	N8GHZ	AJ9C
		AI2S	N8YV	K0HB
		AI9U	N9MKC	K0JQZ

K0QEI	KR4EE	W7JWC	W3TA	W9NED
K0SH	KS4V	W9SX	W4LNG	W9WI
K0YQ	KT5RR	WA2ONK	W5ODD	WA5ICA
K3HZO (FN20)	N0WVU	WA3I	W5PUF	WB5CON
K4GTR	N2LID	WA4WR	W7NX	
K4JQU	N2VHZ	WB2SIH	WA7LHZ	92
K8XF	N2XK	WD8DOT	WA9BxB	K1EY
KA2BSK	N8PAQ	WS4S	WT9U	K5GDX
KA7EII	N8YBY	XE2AT	WV7S	K5TDA
KC0YBM	NT2A			K7FU
KD5CKP	NW5Q	94	93	K7HKR
KF4KSN	NY2Z	AA4RP	AG2A	K7UWR
KM4NYI	VE2DCP	AB4VT	AG6CV	KB0PQP
KT5WB	W1HMM	AD1DX	AI8F	KC4JNW
N1VMJ	W3VHF	AK8CW	K0IW	KD4QMY
N3UMA	W4KK	HK4SAN	K1PTF	KE4WBO
N4BH	W4TMR	IK8YTA	K1ZK	KG4URP
N6MA	W7JHS	K0ARM	K2AK	KR7X
N9APK	WA3EEC	K3BEE	K2MTS	N2SG
N9IO	WB0M	K3TUF	K4DAM	N3GH
N9KY	WB5KJE	K4JRK	K5TRI	N4VN
NK7C	WP4LNY	K4LDC	K6RM	N5QO
NU0Y		K4NNX	K7IP	N6FD
VA3FIN	95	K8GT	K7TRK	N6RPM
W3QT	AB9AI	K9DOG	KB0USF	N7DED
W4CWA	AE0G	K9SUL	KC5TGT	NS6E
W4DAS	AE5EO	KA2F	KC5TT	UT5JAJ
W4ID	K1PNQ	KA9UVY	KC9TTR	W1PV
W7DN	K4ED	KB7AK	KC9UL	W2ACY
WA6OSX	K8KFJ	KC0AUY	KD0QG	W2CVW
WA9LEY	K8ME	KC3AK	KE6AZX	W3ACO
WB8RVK	K8VD	KD4VRZ	KE6UMW	W3HZU
WB8ZTV	KD7WH	KE3WM	KE8RPJ	W4BP
WB9PNU	KD8DR	KF0LA	KI0J	W4LIA
WE8L	KD9ZR	KG4NLZ	KK7MNC	W6NS
	KF6XA	KU4JZ	N2BX	W8JV
96	KI0SK	KV3W	N2YTF	WA3JKB
AD5OW	KW9U	N0LNE	N3AO	WA4EEZ
AE4TQ	N1XK	N0LP	N3ZBK	WM3O
AK4F	N2SLO	N2SU	N4GOA	
HB9EFK	N2WLS	N3JBH	N4YHC	91
K2CK	N3WAV	N3XBG	N7EGY	AA0CW
K2UF	N4ET	N3YUG	N7JI	AD3Y
K2UNK	N5BLY	N5ZMP	N7KSI	CO2WZ
K4EQH	N5ENU	N6HY	NA9D	K1UR
K5CRJ	N5KI	N6MXU	VA7QI	K4SPA
K8EMR	N9IV	N7NH	VE3WMD	K6YK
K9OT	N9LJX	N7UN	W0MHK	K7HPN
KA2NDX	PY2KP	N8WWM	W2VTV	K8OI
KA3HED	VA3KS	N9DD	W3ZGD	KB2YWU
KB5GI	VA3PZ	N9UNX	W4GPM	KB3IAI
KB8PNS	VE3KZ	VA3MA	W4VG	KB3NDS
KC0HBP	VE3SPW	VE3RX	W5DMT	KB7AZ
KD6PY	W4YZJ	VE5MX	W5DWA	KC5POV
KI5TE	W5ADA	VE7AB	W7EIR	KC8LGL
KM2O	W5CBF	W2GR	W7TRX	KE1IU
KM5NU	W5RCQ	W3IPA	W9IFW	KE7RTB

KG4QWC	WT4C	KI2D	KT1R	K8SIA
KI3O	XE3/K5ENS	KI4RFM	N2NF	KB3HHA
KI5BLU		KJ4KW	N3MVF	KB9LIE
KM7N	89	N0OK	N8TFD	KC1UYZ
KM9I	AB1TZ	N1CEO	NZ3O	KK7BV
KQ6K	AG2AA	N2MKT	SV1RK	KU4WW
N3PPH	AG7NR	N2ZN	VA3MDB	N6KTH
N3WCM	G4NBS	N4CAG	VA7LM	SV2AEL
N6DW	JQ1TIV	N4GN	VE7IRU	TG9AKH
N7CZ	K4BMM	N4KIN	W8IW	W7USB
N8DEZ	K5CX	N4UC	WA1PMA	WD6T
NR4J	K5JAZ	N5VBK	WB4GCS	WD9IOK
NU4N	KA0MWA	NS3X	XE2AU	W16Z
OE9KFV	KF4TVL	NT4TN		XE1MM
VA2BBW	KI0G	VE2VLJ	85	
W2SUB	KI4FW	W2BZR	EI3IO	82
W4MLN	KI4US	W3YX	K1UU	AD4IE
W5KDA	KR4U	W4DL	K4LRP	CB0ZA
WB0NRV	KT3X	W4RXR	KB3MXK	K3RJK
WB7X	N2GZ	W7HDD	KC0V	K4JMX
WC4V	N5KAE	WA2BTR	KE4DRF	KA5WSS
XE1GZU	N8YSZ	WA5MD	KK4AND	KC5YKX
	N9RG	WK3N	N2RJ	KG4KVZ
90	N9UDX	WV8O	N4LS	N1SF
AA0LM	NE2U	XE1SOV	NJ1Q	PU8TEP
AB4WL	VE3VCF		VE3GFN	W5DAS
AB9DU	W0HRO	87	VE7DAY	W7YOZ
AF5BG	W1HY	AC0A	W1WV	W8GG
DL1SMA	W2JEK	AG4I	W3STU	WA2ONG
JH4JNG	W2OK	K4JC	W4IT	
K1HC	W4ZMM	K5UZ	W4RA	81
K1KA	W6VNQ	K5WO	W6ST	AB4I
K3CWF	W9HT	K6UIP	W7SIR	DF3CB
K3UAL	WA7SDI	KB1VUN	W8DQ	KE4DZU
K4AAP	WB3IAL	KC8NAH	W9QY	N6MM
K4FTP	WM6Y	KE6WOX	WA4WKL	N7NEV
K4XZ	WQ5C	KI6RRD	WD4LSS	NI4Y
K8EAB	WR5AY	N0ELA	WF4R	W3MC
KA5TJI	XE2NL	N2CJN		WA4ZXV
KB5FHK	XE3DX	NA5DX	84	WA8ZNC
KB7BSA		NE5S	CT3FT	XE1EE
KK4DZP	88	NI5F	K4EZY	
KW3DX	AA4QE	NN7RM	KE6NDG	80
N2ULL	AE0DX	W8GOC	N1KI	AC6BW
N4BRF	AE4OF	WB3IGR	N2NWS	G4FKA
N5BA	AF4MI	WB8JAY	VE2WBK	K7FR
N9JJ	K1RS	WF4W	W8PU	KE4PT
VA3XOV	K3TN	XE1RBV	W8SGR	KR4Q
W9CPV	K4XD		ZS6NK	KW1DX
W9CSY	K7CTV	86		N2NS
W9HBH	K7WV	AG1T	83	VY2HF
WA2BEV	K7ZYV	K7FB	AA6E	W5TTY
WA8OJR	K9JF	KA9OKH	AC9GK	W7AM
WD9HCF	KB2KIR	KB7JJG	DL5XJ	
WE7H	KC1GWX	KI6HQT	K1LH	79
WEST SEATTLE AMATEUR	KE8UM	KN4MMH	K4SQC	K4RW
WH6LE		KP4TB	K6JJ	K5JBT

KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	K4DXA N6ZDH	JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	UR5WA
78 K2QPN SP5QWB TG9AWS W4NE	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE UX1UA	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
77 K1IFJ MI0AYR	69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW
72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QO)	54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP
	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX
	62 HB9ALO IZ8EDJ	51 CT1ETE N3OFS OH4UI VE9FCP	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU
		50 N8MR	36 JA1WSK	25 EA4/K1WE
		48 G8BQX HL2IFR	35 GI4OWA LU9DO	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB

PA7TWO	UT3UA WC2C	JA1MZL JA2FGL JE1LFX KD3UY S51NM	F1DFR GM4CFS GM4KHE IV3GOW JG1JPE JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV SV3FUO YB2DX YL2KF
23 GM4ILS K4SLC KP4EIT W8MK	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP JJ2NWI N8RO OH8LXT	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC IW3GJF J11CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G6MXL G7SQS G8TTI IK5BSC IW0AFS IZ0BT IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT J11HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA
22 9H1SP IZ3ENH OE3SGU	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX		
21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE PY2VA		
20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	5 DL5LH EA1AAA EA7ZY IK8GYS J15USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ		
19 DL1TS EA6BB J14WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	10 DL4CF HB9BOS J12UDK PA5KT SV2DCD TF3Y UR7DWW	4 CT7/RC2A DD6UAH EK/RX3DPK		
18 AJ6V HL4GAV KJ4EU W0HBH			2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ	
17 G3LZQ PY2XAT SP5XMU W0JM				
16 N6VHF SV8CKM TI2CDA				
15 9K2BM EI2GLB HB9HIT JE2UFF LU5FF PY2RN	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB			

OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW