

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 (30 Oct 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	N9UM	485	477	KB9DAK
AA0MZ	ND0B	AD6D	NC6K	NY0V
AA5AM	W0FY	K1USA	W6XK	W5THT
AA5C	W0JW	K9MU		
AA7A	W0LGQ	N0POH	476	466
A15I	W3CP	N5WS	K5XI	KA0JGH
K0GU	W4UDH		N4SIX	KB6NAN
K0SIX	W5ADD	484		N4QS
K0TPP	W5AFY	AF5CC	475	NA6MG
K1TO	W5AJ	A11K	AJ4F	WX7M
K1TOL	W5EME	N5KO	ND4X	
K4PI	W5FF	WQ0P		465
K4XO	W5KI		474	N4JQQ
K5ND	W5OZI	483	K7KQA	NI0G
K5RK	W5TRL	AC0RA		
K5UR	W7GJ	W0VTT	473	464
K5WE	W7JW	WA7HQD	NQ7R	KB9OWD
K7BG	W7KNT	WB0ULX	VE3EK	
K7CW	W7MEM		WB0O	463
K7ULS	W9FF	482		KB8VAO
K8SIX	W9JN	K0BJ	472	W3UUM
K9CT	W9RM	N4WW	KB7ME	W5XC
KA9CFD	W9XX	W9RN	N7BAV	
KA9FOX	WD5K	W9VHF	WD8JJA	462
KD5M	WQ5S		WE9R	N6ORB
KG5CCI	WS9V	481		
KM0A		KC7QY	471	461
KM0T	487		N9PGG	NA9RB
KO9A	K7MAC	480	W0RH	W3UR
KR7O	K9YY	K5GZR		
KV5W	N0AKC	KC7V	470	460
KX4R	N7CW	N4TB	K4SO	K5OMC
N0LL	N7IR	N5EKO	K5RT	K8ZM
N0LWF	N9ISN	WB9CIF	W07R	KF0M
N0PB	NA6L	XE2OR		
N0TB	W3IP		469	458
N1AV	XE2CQ	479	K4MY	K9NW
N3SL		N7ZO	K7PI	KG5THG
N3XX	486	W5WVO	XE2K	N9BCA
N5DG	KY7M			NE1B
N5NA	N0KE	478	468	
N5OMG	N7KA	AD1C	K9MK	457
N6JV	W5VY	AE5B		K4HB
N7NW	W5ZN	K6ZH	467	W9WO
N9LB	WD5COV		K3SX	WB7CJO

456 AJ4A	W3LL	429 K5TA K8ZR WA5JCI	W0GJ	N2ZX NH6T/W4 VE4EAR W5SUM
455 KF8MY KP4AJ WA9DU XE2X	443 AB4IQ K1TEO N4MM	428 K9APW	414 K0DEQ K2TER KM8V N0GZ W4TV	403 K6VHF
453 K1HTV K4YMQ K6EID N9FN	442 AG9S K4ZOT N2QT N4TL NJ6D	426 N5OK NE6I W5JAY	413 WA9LFO	402 K3FM
452 KK4MA KV7N N5BO N8YO N9BX	441 K8TB K9KLD	425 K6ML	412 KT8O VE2XK 6M FN07PJ	401 K4CKS KM3V
451 K5WBM KD3CQ WA1EAZ	440 AE5FM K6JJ W2IRT WB8BPU	424 N4UFP N9AKR W3EP W5PR	411 N1EVK N9EAT WR7X	400 W0JRP W7FI
450 NE9U W0MU	439 K8ROX N4QWZ N5TJ NM5U	423 W4DR	410 K3UA KB0V KE7SW KI8G	399 N3PS NN4R
449 KF6HI N8OC W8TN	436 NZ3M W3TC WB8ART	422 VE6WQ WB5JID	409 K5PI N5SYV N9JR VE3DS	398 N8IEZ W1NG
448 K4XP W3LPL WB8ZBT	435 KF6A	421 NP4EI/W7	408 K7SMA KZ2I NY1V W7BA WA1NLG	397 AB4EJ AB4SF KE4TH KI0E W8LMG
447 AH0U KS7S N2NL N4SC	434 AA1ON K1SIX	420 AD5A	407 W4AS W5CIA W7YAQ	396 AG4W KB8U N3OC
446 VE3LYC	433 AB9BH KE8KMX WW1L	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB	395 AA5XE K0AZ K5XM KF7CQ WB4EVH
445 KG7CW KU7Z N4LR	432 K3FRK K6GXO N6KK	418 N4UFO	405 AA4SC K1GG K5CKS	394 K6RO
444 K4SSO	431 K0TLM	417 AA5JF N4HN	404 KF9UG	393 K7XB K7XC KD5XB
	430 K0DD	416 AC9DX K4RWP K7ND KO4MA NI0P		392 AF4HX K5HPT
		415 K7AWB K8JH		

W6OMF	378 KR4BD	364 AB5EB K0RAR K5KEW N6QQ	VE3XN W0KKK XE2ML	VA7FC W5VAS WB0OQV
391 W4AVY W6TMD	377 AB1OC NT9E W1DYJ	363 VE7BV W1JR W4NH	351 W7IMC	338 AI9L NA5Z VE3SXE W4MAY W9XA WA5KBH
390 WF7T	376 K8GI K8VFX	362 KB1EFS WA5OLT	350 N6VI WB4KTF	
389 W5MO	375 K6QG WB4OQX	361 K8BL K9NR N1KDO N8KOL NG4C W4ER	349 K1GJQ KA0BAD	337 K8ZES W9EWZ WA5RT WW0E
388 K0IP W4WRL	374 K0TT KV7K N6GP N7DB	360 K6UM (CN85) W0NOZ	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S
387 KV4T N0FJP N4CH	371 AA4ZZ WA6BYA	359 AA4FF K0CAO	347 W2HRO	335 AK0MR K5FUV K5FZ K9QVB KB4MRX KN4NN W9GKA
386 JA7QVI N7IJ W5TFW W7AH WE4S	370 K5TN KG8P KN4SM KS4YT N3MK NN9X NT0V W4FC	358 K5RLA	346 N9XG	
385 K0JDD NK1K VE6MB W4WTA	369 K0VG KF8UN N2DPF	357 K4LVV VA2CY WA9PWP	345 AA8SW W3XY XE2YWH	
384 K8ROK N2WK W8OP	368 N4JP W5RCI W6GMT	356 K7PT	344 K1ST K6FW KB0PE W1OW	
383 NK0S	367 KC4HW	355 AA4FL N3AIU (DM45)	343 K5EK KK0DX N3RC N3YT N6KZ N8HRZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI XE1YY
382 N8LRG VE3YXO	366 KI7JA	354 KE8Y NP4EI NU6S	341 KD7DCR N9LF NX7U WA7YAZ	333 AA4LR K0TC KG6AY KM4HI N0IGZ W3GQ
381 W3VZ	365 K4JJW K6EME WA7PDC	353 AF2K K0CS	340 N0AN WA9M	
380 K7MCX WA5LFD		352 K7LOL	339 KE4BKL N2ZZ	332 AA7UN N4JDB
379 N8WNA				

N7KDT VA3IKE W9GM	VE3TMG	312 AF6O K4NNX KA2GOJ N3KN	301 N0HJZ W3SW W7IB W9OBG WB0TVY	292 KJ6P N4ST W1SSN
331 K0SRL K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	311 AC9S KS4XQ W2BZY W5DB	300 AA4V CT1EEB K0PHP KB6VFC N1RR WA2BAH WX2S	291 W1WHL W2CCC W17P
330 KB8MBC W8PI	322 N3ALN VA6SZ	310 N1NK W9KVR WO4DX		290 AF2F VE6TA (DO33) WA8EFK
329 AA1QD K7IU N2JJ W2OR W8WG W9DCT W9KXI WX4G	321 N0LD N7RO NC7B NS4C W9VA	309 AA9RR	299 KX7L VE6WK W1LE W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA NQ7G W4LTJ W8FIB
328 K6ME N5PT W2CNS WB3LHD	320 KG5EIU N4DW	308 WA4HFN	298 K0MLD KD4WSC KK8MM N4IQ W0JM	288 K1NU W1DU W4HLR
327 KJ5RC N0YO W2JU W7YA	319 N7US	307 AG1A KE5K KS4S W9RPM	297 N8YQX	287 K8DP KC7MRQ N8CGY W7CT WA4NVM
326 K2ZD K6LMN K6TDI NG7M W0PR W3HDH W7JLC	318 W4HY	306 K4QE KL7HBK WV9L	296 K4XR K6YUI KC7RW XE1EE	286 CT1IUA
325 JG1TSG KF2T WA2AEY WX0Z	317 KA8SYV W1SKU	305 K3VAT K6UM (CM88) KT1J N4SV	295 K9UO KE4P N6AR N7NT	285 AB0S K5CZD NS7K
324 HC2FG K9SH KU4A N2BJ	316 DK8NE K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD WA8MCD	294 K6JSV	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)
	315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	283 N5OHL NA5DX WA0FQK
	314 KU4XO	302 K2UU KB2TGU W0ADL		
	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN			

WB0CQO	274 K8YC KB1DMX	TG9AJR VE3MSC WB8EJN	NA2NY NA5C WB7ECS	KS9J NW6R
282 AA0ZP JA1QJI K1DT N8JCM W4WM	273 KM4H KV1J VE6SH	265 N5KS	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0	249 JR3REX K8AO KQ5U N1GC N5SMQ
281 AA8MA JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE	264 AC8L K1NJ K4JAF N0TK N5AO NF1O	256 JM1IGJ KL7NW KN4PPD N8ZJN	248 K1ZZ W6VFA
280 N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN	263 AK4PR K0NO K7MDL K9AAA WB7QBS	255 K8MVZ KG4JPL W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF
279 N3JPU N6PM W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR N5PA ND4DX WA0KBZ	254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS KK8X N5TIT W4FRA
278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KF6XA N5EPA N5WD	261 K3TWK KB8UUZ N3EW W6TCP W9TA	253 F4BKV KG4ERR N2XQM	245 AE4M N1IA N3XF VA3CW
277 AC7JM PV8DX	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 JM1SZY K6JAD K9MQ N6HC NT7C W3DF XE1YD	252 AB5A K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD
276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	251 AD5JK AE4WG K9QJ KG7NV NN4SS W2LV	243 JA8ISU K3TC W4EJ
275 K1MAA K2NJ N4GG W0FK	266 K1OA K1WVX K3HPA	258 AB5GU K2HAT	250 AA9LC	242 IT9IPQ K3WW KA3TCC VE3SMA
				241 N6NU W5LO
				240 KK4ZUU

KO6LU VA3HP W1VT WA2VJL	230 K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	VE3SYK WA7AJ	K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J
239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	229 GD0TEP K6RG KB9RUG KC0VDY KD5IKG KE4UW N4NX NN5DX W5LUA	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC	205 AF4OD K3LL K8SD KE4HOA N5ITO W8QID
238 AA3GM JP1LRT W1MJC	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	211 K9FOH KD3HN NE8S PV8BR W2ZDP W5HNC W6AER W6KAP	204 K0OZ LU2DX WA3DRC
237 K3KO	227 K8ZT K9TF KS9A W4KXY XE1GLL	219 K2RKJ K6ZZ (EM78) KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF NX0I W1RM W3SZ W9GFB W9VOB WA1KPD
236 K0SU K4NK N3FTI N9ATD W5AJX	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W
235 ND0C VO1GO WB6RJH WT2P WZ9W	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP K09V KR0I NN0K NR2C WA1MKE WA9ASZ
234 JR2HCB KE6FCT	224 K2RET NJ8J	216 K7RB N0IS NE1F W1AW W5RWF	207 K6US N1BCL N8NJA	200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY
233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	223 K7UA N2ZA NJ7A	215 AL7OC K2SX K9OHI KI5FJ N2YU N6KW	206 AB0CT AK4Y CT3MD DJ5FI K4GHS	
232 K5FO N9NJY		214 JA7MSQ KB9PJL KC7OD		
231 K4MIJ K6HEW KF6GYM W9XT				

N9AG VA3VU WB2AA	N4TV W6MTR W8FN	XE1R	178 HB9EFK JR2LJO KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	K5YPV KE4SCY
199 N3KfV W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KR4M N1IBM N3FX N4BG N4DTF	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	
198 4O3A AC8TO N0UK N7EPD W8DM WA7KYM	190 K5ER KC2DLD N9UA W1ATV W2OO W4GE W8SP WB0DBS	183 K5RQ N0UBL W2UDT WC4H	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT JA6RJK KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
197 I0WTD K3EGE N4BAF W3TW W5CTV	189 AC0W KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	176 AD5ZA EA5BY JA1OVD K0DI KX9X N5QGH N8URE (FM19) N9ARX NP4BM W5AFD WA5IPS WW2R	170 K9TVG N8CN NA2U W0PE W4IHI W4JKC WK3V
196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N9MSG NY0A W4RBO W9BS WJ1B	175 IZ8FFA K3MD NE5TX	169 K6XC KD5OMJ N2BEG N5XES VE3HHT W8KNO
195 AA4W K2WJ K6VDP KG6WIK	187 AA8R KQ0J N2WM	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ W2PD W8WEJ W9HT
194 K2MRK N3FA N9NFT WF1H WK8A	186 K8PT K9SG KN7K N0XLR N6ZE	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT	
193 K9AB KC5N KD2NF	185 AD6W KD5BQT KU4UC N8XE NA2R PY5CC W3OU W5BPT			
192 AA6AA N1LF N2NB N3CAL N3NR N4LXB			173 IC8TEM K2ZZ	

166 JA3LZS KC2GHT N5VU NA1VT NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	WB5ZAM	KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY
165 K4DXT KD5HPT W0RIC	158 K8CR KI0D N2CG W5DM	151 W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 KD8RTT KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL WY0V
163 K2JF K2YSY N5XZ OE6IMD	156 K2KJ N3RN N9KO VE7VDX	149 AB6CF IK7EOT K4SAN KK9H W3UA WB4VHF		
162 AF4GK K0QB KA1R KD4TDI UW5ZM W9JJB W9VS WA1Z WB0WAO	155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNZ (CM88) WB6RAB	143 K6JBH K9QFR KB8RJS W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KW4OV NZ6N W3ZQN W4DWS	147 AF6AV IZ1LBG JR1BAS K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
160 AB1QB JA1AFR K5IQ WL7OU	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHZ W3DQS W5FI W9DHI W9ILY	146 K2GW K8YTO	141 K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
			140 AC5DK BA4SI CO2WF	135 CU3EQ K4MWB K8ZIZ

LY3W	VE2TZT	W4DFU	KB5MH	N4USG
N4DB	W0PHX	WA6POZ	KE4JFS	N5JEH*
W6BXQ	W2LES	WB4OMM	NE0P/9	N5LPT
W8BI	W3FEY	WE1P	UR0MC	NA7L
WB8BZK	WA2SEI		W8DN	NU6V
WW2DX	WB4YDL	124	WB9TFH	W6WE
XE1H	WW5W	K0DLW		WA1TBV
		KB0HH (EM06)	120	XE2PXN
134	129	KD5FTD	EA1YO	
AB1NS	8P6ET	KM1C	K2CYE	116
AB4GE	JF4VZT	KT5MR	K4AU	EA4DEI
C6ABB	K0KD	N0SL	K4CGY	K4RGN
GM4UYE	K5QWO	N8MR	KD0R	KI6QDH
HK3W	KC8KSK	N9AZZ	KD4MZM	KU5B
KE5FXE	KF4NEF	PV8AAS	KD5BRF	N0VR
KF6UFO	KM5LY	W1TAM	KE4SCY (FM06)	N00B
N3AIU (DN70)	KM5SC	W3KN	N3YPJ	W0DHB
N8GOU	N9WBR	W5KMK	VE1JC	
VE7PTN		W6SCQ	VE3XK	115
W4TKI	128	W7YM	WA6RAY	K9AAN
WA3WZR	KC7QAG	W9CDL	WD4OHD	K9MMS
	KJ6SDF			KE6TVM
133	KN4DMN	123	119	KF0QS
KA5ETS	N1SFE	AC7AF	AE5AU	KF9AF
KC1RET	NR1R	K9SM	K0AWU	KM5FA
KE1VT	W0WT	KB0GT	K1ZN	N7VGO
W0RT	W5ZO	KB0STN	K2SQS	VK9DX
WI5D	W8FR	KG6DHQ	K4MSG	WA3BZT
WW7Q	WB2WEO	VE3TG	K7JIZ	WC7V
XE2O		W1HS	KF7PCL	
	127	W3DIY	KP3V	114
132	AA9RK	W3SE	KT0P	AC8HU
AB3CV	K3GYK	W4PRZ	KW7N	K3RTU
K5VG	K7UV	W5EWF	N4UPX	KC4GCK
KW4G	K8AC	W7MHW	W0QC	NF8M
N4PPH	K8OS	W8KHP	W4SW	VE1WOW
N7TP	KB3OZC	WA8WV	W7QQ	VE3IRR
NE1I	KB9TLV	WB2RVX	WI4T	W2JLK
VE3TM	KC0RQH		WM9M	W2ZQ
WN6K	N6UTC	122		W4ALF
	VE2JWH	DS4EOI	118	W4UFO
131	W1FLD	K7AED	J68AS	W5DWA
K3NAT	WA6BIL	K7OGW	K4AZV	WO2C
KG9R		KA9JAC	KA4LBD	WX4US
KT3X	126	KB4UF	KF6MXK	
N2CJ	KJ7G	KB5WFE	KI7BP	113
	N0BDS	KC5UGX	KT8X	AB4PM
130	N7DGI	N5HYV	N1QDQ	AD5MD
AB0X	WB4HUC	VE6PY	N3JNX	HB9BZA
G4BWP	YL2AO	VE7JAC	N5EIL	K3DQB
K0GUR		WD0GTY	W2AC / WB2ABK	KD4BPZ
K4JKB	125		W2AC/WB2ABK	KD6VCD
K8LG	AA7DK	121	WB2KSK	KM5OL
KC4NX	K3PU	AE1P		N3JDQ
NG9R	KC5DRI	K0MFI	117	N4YCI
NO8D	W2AJM	K4HBI	AB5J	N5YK
VE1DX	W3UQH	KB2WAL	K4WS	W0BM

W8MSP	W4ZRZ	105	KA1W	KC8CSD
W8VW	W5MPC/1	AC4Q	KB0FHP	KG8WB
WD0ENC	W7RJR	K4SJA	KB2SGX	KG9IL
WU3U	WB6YIY	K6UIP	KC9FFV	KL2R
112	WB9W	K9MAL	KF0AIJ	KR4WM
K2MLS	108	KB3JGS	KF4DVG	KR7LD
K3GD	CF3VRQ	KC0JYT	KR4NO	N1IX
K5WTA	JA9IPF	KC4KK	N0YXE	N4AOE
KA7T	JP7EIP	KF4DGS	N1JIF	N8VEA
N5HMH	K5OPB	KJ7TH	NF6P	N9DVS
W1TR	K5OPB	N4NQY	NN2D	ON9CMR/W0
W5DQ	N3MWQ	N5SAN	VE7DXG	VA2LGQ
W6OAT	VE3SUB	N7YY	W0TF	W4LLP
W7IV	VE7IG	NE9O	W3LEO	W5KBD
W9PN	VY2RU	PU4JOE	W6IT	W7ISG
WA8TWM	W4AMP	VE3VRQ	W6XU	WB8IMY
WG3K	W4CRN	W8MIL	XE1RBV	WD5IYT
WX3P	W5AAJ	W9RVG	102	100
XE1GK	W8EH	WA4MYO	AA9MY	AC0FT
111	W9VNE	104	AB8JH	AI2S
K8BB	107	AB9YC	AD6KH	AI9U
N0SLT	JA3EGE	AC5K	K0HAQ	K2UA
PC3T	K5UIC	AC5RN	K3HW	K4UQC
W8GBH	KF7PG	AC9QR	K9AM	K5GM
WZ8P	KI9A	IK4DRY	KA3ZLS	K5KV
110	KK4LUM	K5PPP	KB8CR	K8IJ
K5KR	N3TTT	KB9RNO	KC6WFS	K9CC
K7LD	N9OI	KC1LXO	KC8DMN	KB9ZLB
KD5J	NF0T	KC2TR	KD8NYO	KC2HLI
KI0F	US0KW	KD9GKL	KE1AU	KC8CC
KP4JRS	W2TTT	KJ7OG	KJ4M	KC9CMT
KQ4LA	WB4PPW	KM6WXB	KR5V	KD3SW
KX5U	106	KO4LZ	N1HOQ	KE5CVM
N5TIF	K0MEI	N0STP	VE7ZD	KF0Q
N5YM	K5BJW	N1LDY	W4RVZ	KG5X
W7JET	K7BWH	N2FBQ	W5DPT	KJ5OA
W7UP	K7JE	N3UPS	W5OV	N3TBB
109	KB0TIJ	N7AGF	W7UT	N4NIA
AK6ZZ	KC7ICM	NJ1H	W9NFL	N5RZK
IW1ARB	KE5JXC	VE2PIJ	WA4IOB	N5XTR
K2DSW	KJ6MBW	W1TE	WA8EQP	N7EME
K2JGL	KK2DOG	W1ZE	WB5FDP	N8COP
K2OO	N0RQ	W4KVS	101	N8XS
K5DNL	N1USB	W6ZQ	AE7V	VP2MRM
K9GY	N2IPH	W9EBK	AI5WW	W2CH
KE6GLA	N4CE	W9MDB	K0IN	W4/KL7GLL
KJ6CA	N5FPW	WB2VUO	K0SBV	W4OZK
KZ7N	N5YHF	WB8BZK/VE3	K0WJ	W8BZY
N8TMW	N8HM	103	K2NUD	W9DQ
N9TTX	N9XMU	AA5CK	K5DWI	WA5TLP
VE3AAQ	VA3OKG	AB0YM	K5HX	WV9E
W0YJT	VE3AJY	AB5SS	K7SYS	99
W1OP	WB6VYH	K2OY	KB1JDX	AB0SD
	WQ9F	K4MVL	KB4KBS	AB3TM
		K8ZEE	KC6AWX	DL5XJ

G4FKA	N3LRP	WE8L	KD9ZR	KU4JZ
K0YO	N5TEY		KI0SK	KV3W
K4KEW	N8AID	96	KW9U	N0LNE
K4WQ	NO5X	AD5OW	N1XK	N0LP
K4ZO	NO8R	AE4TQ	N2SLO	N2SU
K5VPQ	VA3VF	AK4F	N2WLS	N3JBH
K7DD	VE4XTZ	K2CK	N3WAV	N3XBG
K7PAP	W2KRP	K2UF	N4ET	N3YUG
K9ZZE	W6TE	K2UNK	N5BLY	N5ZMP
KA0ZEE	WA2FGK	K4EQH	N5ENU	N6HY
KC2IEB	WA3TLT	K5CRJ	N5KI	N6MXU
KC6X	WB1GQR	K8EMR	N9IV	N7NH
KD4MWO	WB2YDS	K9OT	N9LJX	N7UN
KD6RUH	WD0E	KA2NDX	OE9KFV	N8WWM
KG9AP	WH6LR	KA3HED	PY2KP	N9DD
KR4UA	WT5H	KB5GI	VA3KS	N9UNX
M5MYH	WV5Y	KB8PNS	VA3PZ	VA3MA
N4FV		KC0HBP	VE3KZ	VE3RX
N7HRT	97	KD6PY	VE3SPW	VE5MX
N7JPF	AB8M	KI5TE	W4YZJ	VE7AB
N7TE	AJ9C	KM5NU	W5ADA	W2GR
N8GHZ	K0HB	KR4EE	W5CBF	W3IPA
N8YV	K0JQZ	KS4V	W5RCQ	W3TA
N9MKC	K0QEI	KT3S	W7JWC	W4LNG
NB5R	K0SH	KT5RR	W9SX	W5ODD
NH6CJ	K0YQ	N0WVU	WA2ONK	W5PUF
NI5W	K3HZO (FN20)	N2LID	WA3I	W7NX
NS2P	K4GTR	N2VHZ	WA4WR	WA7LHZ
VE2HAY	K4JQU	N2XK	WB2SIH	WA9BXB
W2HOG	K8XF	N8PAQ	WD8DOT	WT9U
W2VU	KA2BSK	N8YBY	WS4S	WV2I
W5JLC	KA7EII	NT2A	XE2AT	WV7S
W6TJU	KC0YBM	NW5Q		
WA5TRX	KD5CKP	NY2Z	94	93
WB5NHX	KF4KSN	VE2DCP	AA4RP	AG2A
WB7VVD	KM4NYI	VE6RGU	AB4VT	AG6CV
WK5X	KT5WB	W1HMM	AD1DX	AI8F
WW2R (EL09)	N1VMJ	W3VHF	AK8CW	IZ4DPV
	N3UMA	W4KK	HK4SAN	K0IW
98	N4BH	W4TMR	K0ARM	K0RM
AC2RL	N6MA	W7JHS	K3BEE	K1PTF
AD8Y	N9APK	WA3EEC	K3TUF	K1ZK
K0KC	N9IO	WB5KJE	K4JRK	K2AK
K0UD	N9KY	WP4LNY	K4LDC	K2MTS
K3IXD	NK7C		K8GT	K4DAM
K3QIA	NU0Y	95	K9DOG	K5TRI
K4OP	NV3K	AB9AI	K9SUL	K6RM
K5HOB	VA3FIN	AE0G	KA2F	K7IP
KA1EKR	W3QT	AE5EO	KA9UVY	K7TRK
KE4LGL	W4CWA	IK8YTA	KB4YKC	KB0USF
KG4YOU	W4DAS	K1PNQ	KB7AK	KC5TGT
KG7E	W4ID	K4ED	KC0AUY	KC5TT
KJ2G	W7DN	K8KFJ	KC3AK	KC9TTR
KK0CQ	WA6OSX	K8ME	KD4VRZ	KC9UL
KY0Q	WA9LEY	K8VD	KE3WM	KD0QG
N0JJQ	WB8RVK	KD7WH	KF0LA	KE6AZX
N1JHJ	WB8ZTV	KD8DR	KG4NLZ	KE6UMW

KE8RPJ	W3HZU	AF5BG	W2JEK	87
KI0J	W4BP	DL1SMA	W2OK	AC0A
KK7MNC	W4LIA	JH4JNG	W4ZMM	AG4I
N2BX	W6NS	K1HC	W6VNQ	K4JC
N2YTF	W8JV	K1KA	WA7SDI	K5UZ
N3AO	W9HBH	K3CWF	WB3IAL	K5WO
N3ZBK	WA3JKB	K3UAL	WM6Y	KB1VUN
N4GOA	WA4EEZ	K4AAP	WQ5C	KC8NAH
N4YHC	WG8E	K4FTP	WR5AY	KE6WOX
N7EGY	WM3O	K4XZ	XE2NL	KI6RRD
N7JI		K8EAB	XE3DX	N0ELA
N7KSI	91	KA5TJI		N2CJN
NA9D	AA0CW	KB5FHK	88	NE5S
VA3JFF	AD3Y	KB7BSA	AA4QE	NI5F
VA7QI	CO2WZ	KK4DZP	AE0DX	NN7RM
VE3WMD	HB9ALO	KW3DX	AE4OF	W8GOC
VK5PJ	JL1UXH	N2ULL	AF4MI	WB3IGR
W0MHK	K0CFI	N4BRF	K1RS	WB8JAY
W2VTV	K1UR	N5BA	K3TN	WF4W
W3ZGD	K4SPA	N9JJ	K4XD	
W4VG	K6YK	VA3XOV	K7CTV	86
W5DMT	K7HPN	W9CPV	K7WV	AG1T
W7EIR	K8OI	W9CSY	K7ZYV	K7FB
W7TRX	KB2YWU	WA2BEV	K9JF	KA9OKH
W9IFW	KB3IAI	WA8OJR	KB2KIR	KB7JJG
W9NED	KB3NDS	WD9HCF	KC1GWX	KI6HQT
W9WI	KB7AZ	WE7H	KC3MLC	KN4MMH
WA5ICA	KC5POV	WEST SEATTLE AMATEUR	KC8EVR	KP4TB
WB5CON	KC8LGL	WH6LE	KI2D	KT1R
	KE1IU	WM7C	KI4RFM	N2NF
92	KE7RTB	WT4C	KJ4KW	N3MVF
K1EY	KG4QWC	XE3/K5ENS	KQ4AJI	N8TFD
K5GDX	KI3O		KU4S	NZ3O
K5TDA	KI5BLU	89	N0OK	SV1RK
K7FU	KM7N	AB1TZ	N1CEO	UT9FJ
K7HKR	KM9I	AG2AA	N2MKT	VA3MDB
K7UWR	KQ6K	AG7NR	N2ZN	VA7LM
KB0PQP	N3PPH	G4NBS	N4CAG	VE7IRU
KC4JNW	N3WCM	JQ1TIV	N4GN	W8IW
KD4QMY	N6DW	K4BMM	N4KIN	WA1PMA
KE4WBO	N7CZ	K5CX	N4UC	WB4GCS
KG4URP	N8DEZ	K5JAZ	N5VBK	XE2AU
KR7X	NR4J	KA0MWA	NS3X	
N2SG	NU4N	KF4TVL	NT4TN	85
N3GH	VA2BBW	KI0G	VE2VLJ	AC3KE
N4VN	W2SUB	KI4FW	W2BZR	AC9GK
N5QO	W4MLN	KI4US	W3YX	EI3IO
N6FD	W5KDA	KR4U	W4DL	K1UU
N6RPM	WB0NRV	N2GZ	W4RXR	K4LRP
N7DED	WB7X	N5KAE	W7HDD	K5MJP
NS6E	WC4V	N8YSZ	WA2BTR	KB3MXK
UT5JAJ	XE1GZU	N9RG	WA5MD	KC0V
W1PV		N9UDX	WK3N	KE4DRF
W2ACY	90	NE2U	WV8O	KK4AND
W2CVW	AA0LM	VE3VCF	XE1SOV	N2RJ
W3ACO	AB4WL	W0HRO		N4LS
W3GP	AB9DU	W1HY		NJ1Q

NM4SH VE3GFN VE7DAY W1WV W3STU W4IT W4RA W6ST W7SIR W8DQ W9QY WA4WKL WD4LSS WF4R	W7YOZ W8GG WA2ONG	KI7WXP N1GNB N2MH/4	68 AA4S EH7CD K6CF KJ7TEA	56 HB9HIT KI5WA LU8ADX NI6T
84 CT3FT DS2JJV K4EZY KE6NDG N1KI N2NWS VE2WBK W8PU W8SGR ZS6NK	81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL KF4JHG KK4YEL W7YED	55 LA3MHA SP5APW WA2EMF
83 AA6E K1LH K4SQC K8SIA KB3HHA KB9LIE KK7BV KU4WW N5PD N6KTH SV2AEL TG9AKH W7USB WD6T WD9IOK WI6Z XE1MM	80 AC6BW K7FR KE4PT KR4Q KW1DX N2NS VY2HF W2DEN W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI JR2SQZ
82 AD4IE CB0ZA K3RJK K4JMX KA5WSS KC5YKX KG4KVZ N1SF PU8TEP W5DAS	79 JF1LMB K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13Q49)	53 HB9RUZ K0BBC PP1CZ
	78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP
	77 K1IFJ MI0AYR US5WE	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	49 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA
	76 K0WYN K6MAA KI4CYB	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK	47 HB9RYZ JE1VTZ N6PAZ
		69 JL3MCM K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ
			58 KC6NBI SV8CS WA2MUA	44 DM2RM WO3T XE2YWH/1
			57 IK1ZOF N5LJL WD5GRW	43 8P6SH CT1EEN HB9AOF K4ZIN LA6OP

42 HA5PT	WA6DNR	JE2UFF JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ KA5WRG PY2DV PY2GM	NJ4Y UR5FEO ZS4TX
41 E75AA	29 HL2WA OE4VIE			6 CT2FEY DU0A EI2JC IK2GOQ JA7NGE PY2VA
40 JR0QFA WB8TGY	28 CT8/K0RUI E70A JA6CRP JR7ILA K0FMI OH3DP	18 AJ6V KJ4EU W0HBH		
39 AA5PK		17 G3LZQ PY2XAT SP5XMU SV8CKM	10 DL4CF HB9BOS JH7IMX JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY G6MXL IK8GYS JI5USJ JJ1IDW M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ
38 DD3KF DG7RO DU1EV HL4GAV K8YSE	27 KC9ELU WP4NIX	16 N6VHF TI2CDA		
37 BA7NQ DS4AOW HL4CJG JA9APS JH9DRL OE3SGU	26 WB7QXU	15 9K2BM EI2GLB HB9FMN LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS IV3GOW JH7IPR JK6DXD UT5EL VK4ZP XE1SAX
36 JA1WSK	25 EA4/K1WE	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DF1ZN DH0GSU DK2LO G1VDP JA1CPU JE3PCP JG1JPE JJ2NWI N8RO OH8LXT	3 DJ5AV DL2KQ EA1AR EA4D G3LHJ G4DDL HA9PP HL2ZN IK0WRB IK8EPC JI1CHH
35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	13 JA2LWD K4AKX K4WY PY2MC W4PWF		
34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB		
33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH			
32 N3LRH SM6WET ZL3TE	21 EA1YN			
31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR			
30 E72X JO7WXN	19 DL1TS EA6BB			

JM1GHT	DL8GAM
JN1BPM	DS5DNO
JR6IQI	DS5TOS
KC0Y	EA2AA
PY5IP	EA3WD
SA7CJO	EA4GQS
SV1VN	F1VEV
US0YA	G4CFS
W1CBY	G4VSS
WD9EWK (DM43)	G7SQS
YB1TJ	G8TTI
YL2CA	IK5BSC
YL2MU	IW0AFS

2

5B4ALJ	IZ0BTV
6K5XZE	IZ2CSX
9A2GA	IZ3DBA
9K2NO	IZ5FSA
BV6CC	JA1GZK
CO6CBF	JA7DPC
DF3VG	JA7VXB
DF8FT	JH8XVT
DK1CO	JI1HNC
EH4BPJ	JJ1PFC
ES8JX	JL2ULM
F5TMJ	JN3ONX
G0THY	KC3KJQ
G8GNI	KG4JSZ
GI4ONL	KH6WI
IK1IYU	KP4DER
IZ8XQC	MM0INH
JA6AVT	OK1UU
JA6SZV	ON6NA
JA9FAI	OZ1IKY
JH3MHI	PU5SVE
JP1HDK	SM3GBA
K4KZM	SM6LPG
K7LY	SP7EXY
KEN IN NEBRASKA	SQ5NRY
LA2CQ	UN8G
OH3KAV	AUR5EDX
SV1XV	VR2VGM
SV3FUO	WB7VUF
YB2DX	YO8WW
YL2KF	

1

3A2MW
 9A2EY
 AJ6T (EM66)
 BD4UJ
 CT1AHU
 DH8BQA
 DJ3ZF
 DL2DCX
 DL4ZAB